

Table 1: 91-admissible orbifolds.

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
1	$\mathcal{O}(91; \emptyset)$	1
2	$\mathcal{O}(46; \emptyset)$	4951760157141521099596496895
2	$\mathcal{O}(45; \{2^4\})$	1237940039285380274899124224
2	$\mathcal{O}(44; \{2^8\})$	309485009821345068724781056
2	$\mathcal{O}(43; \{2^{12}\})$	77371252455336267181195264
2	$\mathcal{O}(42; \{2^{16}\})$	19342813113834066795298816
2	$\mathcal{O}(41; \{2^{20}\})$	4835703278458516698824704
2	$\mathcal{O}(40; \{2^{24}\})$	1208925819614629174706176
2	$\mathcal{O}(39; \{2^{28}\})$	302231454903657293676544
2	$\mathcal{O}(38; \{2^{32}\})$	75557863725914323419136
2	$\mathcal{O}(37; \{2^{36}\})$	18889465931478580854784
2	$\mathcal{O}(36; \{2^{40}\})$	4722366482869645213696
2	$\mathcal{O}(35; \{2^{44}\})$	1180591620717411303424
2	$\mathcal{O}(34; \{2^{48}\})$	295147905179352825856
2	$\mathcal{O}(33; \{2^{52}\})$	73786976294838206464
2	$\mathcal{O}(32; \{2^{56}\})$	18446744073709551616
2	$\mathcal{O}(31; \{2^{60}\})$	4611686018427387904
2	$\mathcal{O}(30; \{2^{64}\})$	1152921504606846976
2	$\mathcal{O}(29; \{2^{68}\})$	288230376151711744
2	$\mathcal{O}(28; \{2^{72}\})$	72057594037927936
2	$\mathcal{O}(27; \{2^{76}\})$	18014398509481984
2	$\mathcal{O}(26; \{2^{80}\})$	4503599627370496
2	$\mathcal{O}(25; \{2^{84}\})$	1125899906842624
2	$\mathcal{O}(24; \{2^{88}\})$	281474976710656
2	$\mathcal{O}(23; \{2^{92}\})$	70368744177664
2	$\mathcal{O}(22; \{2^{96}\})$	17592186044416
2	$\mathcal{O}(21; \{2^{100}\})$	4398046511104
2	$\mathcal{O}(20; \{2^{104}\})$	1099511627776
2	$\mathcal{O}(19; \{2^{108}\})$	274877906944
2	$\mathcal{O}(18; \{2^{112}\})$	68719476736
2	$\mathcal{O}(17; \{2^{116}\})$	17179869184
2	$\mathcal{O}(16; \{2^{120}\})$	4294967296
2	$\mathcal{O}(15; \{2^{124}\})$	1073741824
2	$\mathcal{O}(14; \{2^{128}\})$	268435456
2	$\mathcal{O}(13; \{2^{132}\})$	67108864
2	$\mathcal{O}(12; \{2^{136}\})$	16777216
2	$\mathcal{O}(11; \{2^{140}\})$	4194304
2	$\mathcal{O}(10; \{2^{144}\})$	1048576
2	$\mathcal{O}(9; \{2^{148}\})$	262144
2	$\mathcal{O}(8; \{2^{152}\})$	65536
2	$\mathcal{O}(7; \{2^{156}\})$	16384
2	$\mathcal{O}(6; \{2^{160}\})$	4096

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
2	$\mathcal{O}(5; \{2^{164}\})$	1024
2	$\mathcal{O}(4; \{2^{168}\})$	256
2	$\mathcal{O}(3; \{2^{172}\})$	64
2	$\mathcal{O}(2; \{2^{176}\})$	16
2	$\mathcal{O}(1; \{2^{180}\})$	4
2	$\mathcal{O}(0; \{2^{184}\})$	1
3	$\mathcal{O}(31; \emptyset)$	381520424476945831628649898808
3	$\mathcal{O}(30; \{3^3\})$	84782316550432407028588866402
3	$\mathcal{O}(29; \{3^6\})$	103622831339417386368275281158
3	$\mathcal{O}(28; \{3^9\})$	88969097614651291326296958570
3	$\mathcal{O}(27; \{3^{12}\})$	79432540746152721537072970854
3	$\mathcal{O}(26; \{3^{15}\})$	70567936394133725770937936202
3	$\mathcal{O}(25; \{3^{18}\})$	62731361960489462911921898118
3	$\mathcal{O}(24; \{3^{21}\})$	55760732032887728019982507050
3	$\mathcal{O}(23; \{3^{24}\})$	49565148317973365043879915174
3	$\mathcal{O}(22; \{3^{27}\})$	44057903707350911381781416202
3	$\mathcal{O}(21; \{3^{30}\})$	39162581729714744906213191878
3	$\mathcal{O}(20; \{3^{33}\})$	34811183686800447162292375530
3	$\mathcal{O}(19; \{3^{36}\})$	30943274396372174450297841894
3	$\mathcal{O}(18; \{3^{39}\})$	27505132795874698366260531402
3	$\mathcal{O}(17; \{3^{42}\})$	24449006929766461637985138438
3	$\mathcal{O}(16; \{3^{45}\})$	21732450604225736668187012010
3	$\mathcal{O}(15; \{3^{48}\})$	19317733870424112385181023014
3	$\mathcal{O}(14; \{3^{51}\})$	17171318995932407081628401802
3	$\mathcal{O}(13; \{3^{54}\})$	15263394663051043768197993798
3	$\mathcal{O}(12; \{3^{57}\})$	13567461922712037210487664490
3	$\mathcal{O}(11; \{3^{60}\})$	12059966153521811042053170534
3	$\mathcal{O}(10; \{3^{63}\})$	10719969914241609794237667402
3	$\mathcal{O}(9; \{3^{66}\})$	9528862145992542041646893958
3	$\mathcal{O}(8; \{3^{69}\})$	8470099685326704036761180970
3	$\mathcal{O}(7; \{3^{72}\})$	7528977498068181366038636454
3	$\mathcal{O}(6; \{3^{75}\})$	6692424442727272325364488202
3	$\mathcal{O}(5; \{3^{78}\})$	5948821726868686511435454918
3	$\mathcal{O}(4; \{3^{81}\})$	5287841534994388010164809450
3	$\mathcal{O}(3; \{3^{84}\})$	4700303586661678231257612774
3	$\mathcal{O}(2; \{3^{87}\})$	4178047632588158427784544202
3	$\mathcal{O}(1; \{3^{90}\})$	3713820117856140824697372678
3	$\mathcal{O}(0; \{3^{93}\})$	3301173438094347399730997930
4	$\mathcal{O}(23; \{2^2\})$	4951760157141450730852319232
4	$\mathcal{O}(22; \{2^6\})$	309485009821327476538736640
4	$\mathcal{O}(22; \{4^2, 2^3\})$	618970019642690137449562112
4	$\mathcal{O}(22; \{4^4\})$	2475880078570760549798248448
4	$\mathcal{O}(21; \{2^{10}\})$	19342813113829668748787712

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(21; \{4^2, 2^7\})$	38685626227668133590597632
4	$\mathcal{O}(21; \{4^4, 2^4\})$	154742504910672534362390528
4	$\mathcal{O}(21; \{4^6, 2\})$	618970019642690137449562112
4	$\mathcal{O}(20; \{2^{14}\})$	1208925819613529663078400
4	$\mathcal{O}(20; \{4^2, 2^{11}\})$	2417851639229258349412352
4	$\mathcal{O}(20; \{4^4, 2^8\})$	9671406556917033397649408
4	$\mathcal{O}(20; \{4^6, 2^5\})$	38685626227668133590597632
4	$\mathcal{O}(20; \{4^8, 2^2\})$	154742504910672534362390528
4	$\mathcal{O}(19; \{2^{18}\})$	75557863725639445512192
4	$\mathcal{O}(19; \{4^2, 2^{15}\})$	151115727451828646838272
4	$\mathcal{O}(19; \{4^4, 2^{12}\})$	604462909807314587353088
4	$\mathcal{O}(19; \{4^6, 2^9\})$	2417851639229258349412352
4	$\mathcal{O}(19; \{4^8, 2^6\})$	9671406556917033397649408
4	$\mathcal{O}(19; \{4^{10}, 2^3\})$	38685626227668133590597632
4	$\mathcal{O}(19; \{4^{12}\})$	154742504910672534362390528
4	$\mathcal{O}(18; \{2^{22}\})$	4722366482800925736960
4	$\mathcal{O}(18; \{4^2, 2^{19}\})$	9444732965739290427392
4	$\mathcal{O}(18; \{4^4, 2^{16}\})$	37778931862957161709568
4	$\mathcal{O}(18; \{4^6, 2^{13}\})$	151115727451828646838272
4	$\mathcal{O}(18; \{4^8, 2^{10}\})$	604462909807314587353088
4	$\mathcal{O}(18; \{4^{10}, 2^7\})$	2417851639229258349412352
4	$\mathcal{O}(18; \{4^{12}, 2^4\})$	9671406556917033397649408
4	$\mathcal{O}(18; \{4^{14}, 2\})$	38685626227668133590597632
4	$\mathcal{O}(17; \{2^{26}\})$	295147905162172956672
4	$\mathcal{O}(17; \{4^2, 2^{23}\})$	590295810358705651712
4	$\mathcal{O}(17; \{4^4, 2^{20}\})$	2361183241434822606848
4	$\mathcal{O}(17; \{4^6, 2^{17}\})$	9444732965739290427392
4	$\mathcal{O}(17; \{4^8, 2^{14}\})$	37778931862957161709568
4	$\mathcal{O}(17; \{4^{10}, 2^{11}\})$	151115727451828646838272
4	$\mathcal{O}(17; \{4^{12}, 2^8\})$	604462909807314587353088
4	$\mathcal{O}(17; \{4^{14}, 2^5\})$	2417851639229258349412352
4	$\mathcal{O}(17; \{4^{16}, 2^2\})$	9671406556917033397649408
4	$\mathcal{O}(16; \{2^{30}\})$	18446744069414584320
4	$\mathcal{O}(16; \{4^2, 2^{27}\})$	36893488147419103232
4	$\mathcal{O}(16; \{4^4, 2^{24}\})$	147573952589676412928
4	$\mathcal{O}(16; \{4^6, 2^{21}\})$	590295810358705651712
4	$\mathcal{O}(16; \{4^8, 2^{18}\})$	2361183241434822606848
4	$\mathcal{O}(16; \{4^{10}, 2^{15}\})$	9444732965739290427392
4	$\mathcal{O}(16; \{4^{12}, 2^{12}\})$	37778931862957161709568
4	$\mathcal{O}(16; \{4^{14}, 2^9\})$	151115727451828646838272
4	$\mathcal{O}(16; \{4^{16}, 2^6\})$	604462909807314587353088
4	$\mathcal{O}(16; \{4^{18}, 2^3\})$	2417851639229258349412352
4	$\mathcal{O}(16; \{4^{20}\})$	9671406556917033397649408

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(15; \{2^{34}\})$	1152921503533105152
4	$\mathcal{O}(15; \{4^2, 2^{31}\})$	2305843009213693952
4	$\mathcal{O}(15; \{4^4, 2^{28}\})$	9223372036854775808
4	$\mathcal{O}(15; \{4^6, 2^{25}\})$	36893488147419103232
4	$\mathcal{O}(15; \{4^8, 2^{22}\})$	147573952589676412928
4	$\mathcal{O}(15; \{4^{10}, 2^{19}\})$	590295810358705651712
4	$\mathcal{O}(15; \{4^{12}, 2^{16}\})$	2361183241434822606848
4	$\mathcal{O}(15; \{4^{14}, 2^{13}\})$	9444732965739290427392
4	$\mathcal{O}(15; \{4^{16}, 2^{10}\})$	37778931862957161709568
4	$\mathcal{O}(15; \{4^{18}, 2^7\})$	151115727451828646838272
4	$\mathcal{O}(15; \{4^{20}, 2^4\})$	604462909807314587353088
4	$\mathcal{O}(15; \{4^{22}, 2\})$	2417851639229258349412352
4	$\mathcal{O}(14; \{2^{38}\})$	72057593769492480
4	$\mathcal{O}(14; \{4^2, 2^{35}\})$	144115188075855872
4	$\mathcal{O}(14; \{4^4, 2^{32}\})$	576460752303423488
4	$\mathcal{O}(14; \{4^6, 2^{29}\})$	2305843009213693952
4	$\mathcal{O}(14; \{4^8, 2^{26}\})$	9223372036854775808
4	$\mathcal{O}(14; \{4^{10}, 2^{23}\})$	36893488147419103232
4	$\mathcal{O}(14; \{4^{12}, 2^{20}\})$	147573952589676412928
4	$\mathcal{O}(14; \{4^{14}, 2^{17}\})$	590295810358705651712
4	$\mathcal{O}(14; \{4^{16}, 2^{14}\})$	2361183241434822606848
4	$\mathcal{O}(14; \{4^{18}, 2^{11}\})$	9444732965739290427392
4	$\mathcal{O}(14; \{4^{20}, 2^8\})$	37778931862957161709568
4	$\mathcal{O}(14; \{4^{22}, 2^5\})$	151115727451828646838272
4	$\mathcal{O}(14; \{4^{24}, 2^2\})$	604462909807314587353088
4	$\mathcal{O}(13; \{2^{42}\})$	4503599560261632
4	$\mathcal{O}(13; \{4^2, 2^{39}\})$	9007199254740992
4	$\mathcal{O}(13; \{4^4, 2^{36}\})$	36028797018963968
4	$\mathcal{O}(13; \{4^6, 2^{33}\})$	144115188075855872
4	$\mathcal{O}(13; \{4^8, 2^{30}\})$	576460752303423488
4	$\mathcal{O}(13; \{4^{10}, 2^{27}\})$	2305843009213693952
4	$\mathcal{O}(13; \{4^{12}, 2^{24}\})$	9223372036854775808
4	$\mathcal{O}(13; \{4^{14}, 2^{21}\})$	36893488147419103232
4	$\mathcal{O}(13; \{4^{16}, 2^{18}\})$	147573952589676412928
4	$\mathcal{O}(13; \{4^{18}, 2^{15}\})$	590295810358705651712
4	$\mathcal{O}(13; \{4^{20}, 2^{12}\})$	2361183241434822606848
4	$\mathcal{O}(13; \{4^{22}, 2^9\})$	9444732965739290427392
4	$\mathcal{O}(13; \{4^{24}, 2^6\})$	37778931862957161709568
4	$\mathcal{O}(13; \{4^{26}, 2^3\})$	151115727451828646838272
4	$\mathcal{O}(13; \{4^{28}\})$	604462909807314587353088
4	$\mathcal{O}(12; \{2^{46}\})$	281474959933440
4	$\mathcal{O}(12; \{4^2, 2^{43}\})$	562949953421312
4	$\mathcal{O}(12; \{4^4, 2^{40}\})$	2251799813685248

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(12; \{4^6, 2^{37}\})$	9007199254740992
4	$\mathcal{O}(12; \{4^8, 2^{34}\})$	36028797018963968
4	$\mathcal{O}(12; \{4^{10}, 2^{31}\})$	144115188075855872
4	$\mathcal{O}(12; \{4^{12}, 2^{28}\})$	576460752303423488
4	$\mathcal{O}(12; \{4^{14}, 2^{25}\})$	2305843009213693952
4	$\mathcal{O}(12; \{4^{16}, 2^{22}\})$	9223372036854775808
4	$\mathcal{O}(12; \{4^{18}, 2^{19}\})$	36893488147419103232
4	$\mathcal{O}(12; \{4^{20}, 2^{16}\})$	147573952589676412928
4	$\mathcal{O}(12; \{4^{22}, 2^{13}\})$	590295810358705651712
4	$\mathcal{O}(12; \{4^{24}, 2^{10}\})$	2361183241434822606848
4	$\mathcal{O}(12; \{4^{26}, 2^7\})$	9444732965739290427392
4	$\mathcal{O}(12; \{4^{28}, 2^4\})$	37778931862957161709568
4	$\mathcal{O}(12; \{4^{30}, 2\})$	151115727451828646838272
4	$\mathcal{O}(11; \{2^{50}\})$	17592181850112
4	$\mathcal{O}(11; \{4^2, 2^{47}\})$	35184372088832
4	$\mathcal{O}(11; \{4^4, 2^{44}\})$	140737488355328
4	$\mathcal{O}(11; \{4^6, 2^{41}\})$	562949953421312
4	$\mathcal{O}(11; \{4^8, 2^{38}\})$	2251799813685248
4	$\mathcal{O}(11; \{4^{10}, 2^{35}\})$	9007199254740992
4	$\mathcal{O}(11; \{4^{12}, 2^{32}\})$	36028797018963968
4	$\mathcal{O}(11; \{4^{14}, 2^{29}\})$	144115188075855872
4	$\mathcal{O}(11; \{4^{16}, 2^{26}\})$	576460752303423488
4	$\mathcal{O}(11; \{4^{18}, 2^{23}\})$	2305843009213693952
4	$\mathcal{O}(11; \{4^{20}, 2^{20}\})$	9223372036854775808
4	$\mathcal{O}(11; \{4^{22}, 2^{17}\})$	36893488147419103232
4	$\mathcal{O}(11; \{4^{24}, 2^{14}\})$	147573952589676412928
4	$\mathcal{O}(11; \{4^{26}, 2^{11}\})$	590295810358705651712
4	$\mathcal{O}(11; \{4^{28}, 2^8\})$	2361183241434822606848
4	$\mathcal{O}(11; \{4^{30}, 2^5\})$	9444732965739290427392
4	$\mathcal{O}(11; \{4^{32}, 2^2\})$	37778931862957161709568
4	$\mathcal{O}(10; \{2^{54}\})$	1099510579200
4	$\mathcal{O}(10; \{4^2, 2^{51}\})$	2199023255552
4	$\mathcal{O}(10; \{4^4, 2^{48}\})$	8796093022208
4	$\mathcal{O}(10; \{4^6, 2^{45}\})$	35184372088832
4	$\mathcal{O}(10; \{4^8, 2^{42}\})$	140737488355328
4	$\mathcal{O}(10; \{4^{10}, 2^{39}\})$	562949953421312
4	$\mathcal{O}(10; \{4^{12}, 2^{36}\})$	2251799813685248
4	$\mathcal{O}(10; \{4^{14}, 2^{33}\})$	9007199254740992
4	$\mathcal{O}(10; \{4^{16}, 2^{30}\})$	36028797018963968
4	$\mathcal{O}(10; \{4^{18}, 2^{27}\})$	144115188075855872
4	$\mathcal{O}(10; \{4^{20}, 2^{24}\})$	576460752303423488
4	$\mathcal{O}(10; \{4^{22}, 2^{21}\})$	2305843009213693952
4	$\mathcal{O}(10; \{4^{24}, 2^{18}\})$	9223372036854775808

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(10; \{4^{26}, 2^{15}\})$	36893488147419103232
4	$\mathcal{O}(10; \{4^{28}, 2^{12}\})$	147573952589676412928
4	$\mathcal{O}(10; \{4^{30}, 2^9\})$	590295810358705651712
4	$\mathcal{O}(10; \{4^{32}, 2^6\})$	2361183241434822606848
4	$\mathcal{O}(10; \{4^{34}, 2^3\})$	9444732965739290427392
4	$\mathcal{O}(10; \{4^{36}\})$	37778931862957161709568
4	$\mathcal{O}(9; \{2^{58}\})$	68719214592
4	$\mathcal{O}(9; \{4^2, 2^{55}\})$	137438953472
4	$\mathcal{O}(9; \{4^4, 2^{52}\})$	549755813888
4	$\mathcal{O}(9; \{4^6, 2^{49}\})$	2199023255552
4	$\mathcal{O}(9; \{4^8, 2^{46}\})$	8796093022208
4	$\mathcal{O}(9; \{4^{10}, 2^{43}\})$	35184372088832
4	$\mathcal{O}(9; \{4^{12}, 2^{40}\})$	140737488355328
4	$\mathcal{O}(9; \{4^{14}, 2^{37}\})$	562949953421312
4	$\mathcal{O}(9; \{4^{16}, 2^{34}\})$	2251799813685248
4	$\mathcal{O}(9; \{4^{18}, 2^{31}\})$	9007199254740992
4	$\mathcal{O}(9; \{4^{20}, 2^{28}\})$	36028797018963968
4	$\mathcal{O}(9; \{4^{22}, 2^{25}\})$	144115188075855872
4	$\mathcal{O}(9; \{4^{24}, 2^{22}\})$	576460752303423488
4	$\mathcal{O}(9; \{4^{26}, 2^{19}\})$	2305843009213693952
4	$\mathcal{O}(9; \{4^{28}, 2^{16}\})$	9223372036854775808
4	$\mathcal{O}(9; \{4^{30}, 2^{13}\})$	36893488147419103232
4	$\mathcal{O}(9; \{4^{32}, 2^{10}\})$	147573952589676412928
4	$\mathcal{O}(9; \{4^{34}, 2^7\})$	590295810358705651712
4	$\mathcal{O}(9; \{4^{36}, 2^4\})$	2361183241434822606848
4	$\mathcal{O}(9; \{4^{38}, 2\})$	9444732965739290427392
4	$\mathcal{O}(8; \{2^{62}\})$	4294901760
4	$\mathcal{O}(8; \{4^2, 2^{59}\})$	8589934592
4	$\mathcal{O}(8; \{4^4, 2^{56}\})$	34359738368
4	$\mathcal{O}(8; \{4^6, 2^{53}\})$	137438953472
4	$\mathcal{O}(8; \{4^8, 2^{50}\})$	549755813888
4	$\mathcal{O}(8; \{4^{10}, 2^{47}\})$	2199023255552
4	$\mathcal{O}(8; \{4^{12}, 2^{44}\})$	8796093022208
4	$\mathcal{O}(8; \{4^{14}, 2^{41}\})$	35184372088832
4	$\mathcal{O}(8; \{4^{16}, 2^{38}\})$	140737488355328
4	$\mathcal{O}(8; \{4^{18}, 2^{35}\})$	562949953421312
4	$\mathcal{O}(8; \{4^{20}, 2^{32}\})$	2251799813685248
4	$\mathcal{O}(8; \{4^{22}, 2^{29}\})$	9007199254740992
4	$\mathcal{O}(8; \{4^{24}, 2^{26}\})$	36028797018963968
4	$\mathcal{O}(8; \{4^{26}, 2^{23}\})$	144115188075855872
4	$\mathcal{O}(8; \{4^{28}, 2^{20}\})$	576460752303423488
4	$\mathcal{O}(8; \{4^{30}, 2^{17}\})$	2305843009213693952
4	$\mathcal{O}(8; \{4^{32}, 2^{14}\})$	9223372036854775808

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(8; \{4^{34}, 2^{11}\})$	36893488147419103232
4	$\mathcal{O}(8; \{4^{36}, 2^8\})$	147573952589676412928
4	$\mathcal{O}(8; \{4^{38}, 2^5\})$	590295810358705651712
4	$\mathcal{O}(8; \{4^{40}, 2^2\})$	2361183241434822606848
4	$\mathcal{O}(7; \{2^{66}\})$	268419072
4	$\mathcal{O}(7; \{4^2, 2^{63}\})$	536870912
4	$\mathcal{O}(7; \{4^4, 2^{60}\})$	2147483648
4	$\mathcal{O}(7; \{4^6, 2^{57}\})$	8589934592
4	$\mathcal{O}(7; \{4^8, 2^{54}\})$	34359738368
4	$\mathcal{O}(7; \{4^{10}, 2^{51}\})$	137438953472
4	$\mathcal{O}(7; \{4^{12}, 2^{48}\})$	549755813888
4	$\mathcal{O}(7; \{4^{14}, 2^{45}\})$	2199023255552
4	$\mathcal{O}(7; \{4^{16}, 2^{42}\})$	8796093022208
4	$\mathcal{O}(7; \{4^{18}, 2^{39}\})$	35184372088832
4	$\mathcal{O}(7; \{4^{20}, 2^{36}\})$	140737488355328
4	$\mathcal{O}(7; \{4^{22}, 2^{33}\})$	562949953421312
4	$\mathcal{O}(7; \{4^{24}, 2^{30}\})$	2251799813685248
4	$\mathcal{O}(7; \{4^{26}, 2^{27}\})$	9007199254740992
4	$\mathcal{O}(7; \{4^{28}, 2^{24}\})$	36028797018963968
4	$\mathcal{O}(7; \{4^{30}, 2^{21}\})$	144115188075855872
4	$\mathcal{O}(7; \{4^{32}, 2^{18}\})$	576460752303423488
4	$\mathcal{O}(7; \{4^{34}, 2^{15}\})$	2305843009213693952
4	$\mathcal{O}(7; \{4^{36}, 2^{12}\})$	9223372036854775808
4	$\mathcal{O}(7; \{4^{38}, 2^9\})$	36893488147419103232
4	$\mathcal{O}(7; \{4^{40}, 2^6\})$	147573952589676412928
4	$\mathcal{O}(7; \{4^{42}, 2^3\})$	590295810358705651712
4	$\mathcal{O}(7; \{4^{44}\})$	2361183241434822606848
4	$\mathcal{O}(6; \{2^{70}\})$	16773120
4	$\mathcal{O}(6; \{4^2, 2^{67}\})$	33554432
4	$\mathcal{O}(6; \{4^4, 2^{64}\})$	134217728
4	$\mathcal{O}(6; \{4^6, 2^{61}\})$	536870912
4	$\mathcal{O}(6; \{4^8, 2^{58}\})$	2147483648
4	$\mathcal{O}(6; \{4^{10}, 2^{55}\})$	8589934592
4	$\mathcal{O}(6; \{4^{12}, 2^{52}\})$	34359738368
4	$\mathcal{O}(6; \{4^{14}, 2^{49}\})$	137438953472
4	$\mathcal{O}(6; \{4^{16}, 2^{46}\})$	549755813888
4	$\mathcal{O}(6; \{4^{18}, 2^{43}\})$	2199023255552
4	$\mathcal{O}(6; \{4^{20}, 2^{40}\})$	8796093022208
4	$\mathcal{O}(6; \{4^{22}, 2^{37}\})$	35184372088832
4	$\mathcal{O}(6; \{4^{24}, 2^{34}\})$	140737488355328
4	$\mathcal{O}(6; \{4^{26}, 2^{31}\})$	562949953421312
4	$\mathcal{O}(6; \{4^{28}, 2^{28}\})$	2251799813685248
4	$\mathcal{O}(6; \{4^{30}, 2^{25}\})$	9007199254740992

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(6; \{4^{32}, 2^{22}\})$	36028797018963968
4	$\mathcal{O}(6; \{4^{34}, 2^{19}\})$	144115188075855872
4	$\mathcal{O}(6; \{4^{36}, 2^{16}\})$	576460752303423488
4	$\mathcal{O}(6; \{4^{38}, 2^{13}\})$	2305843009213693952
4	$\mathcal{O}(6; \{4^{40}, 2^{10}\})$	9223372036854775808
4	$\mathcal{O}(6; \{4^{42}, 2^7\})$	36893488147419103232
4	$\mathcal{O}(6; \{4^{44}, 2^4\})$	147573952589676412928
4	$\mathcal{O}(6; \{4^{46}, 2\})$	590295810358705651712
4	$\mathcal{O}(5; \{2^{74}\})$	1047552
4	$\mathcal{O}(5; \{4^2, 2^{71}\})$	2097152
4	$\mathcal{O}(5; \{4^4, 2^{68}\})$	8388608
4	$\mathcal{O}(5; \{4^6, 2^{65}\})$	33554432
4	$\mathcal{O}(5; \{4^8, 2^{62}\})$	134217728
4	$\mathcal{O}(5; \{4^{10}, 2^{59}\})$	536870912
4	$\mathcal{O}(5; \{4^{12}, 2^{56}\})$	2147483648
4	$\mathcal{O}(5; \{4^{14}, 2^{53}\})$	8589934592
4	$\mathcal{O}(5; \{4^{16}, 2^{50}\})$	34359738368
4	$\mathcal{O}(5; \{4^{18}, 2^{47}\})$	137438953472
4	$\mathcal{O}(5; \{4^{20}, 2^{44}\})$	549755813888
4	$\mathcal{O}(5; \{4^{22}, 2^{41}\})$	2199023255552
4	$\mathcal{O}(5; \{4^{24}, 2^{38}\})$	8796093022208
4	$\mathcal{O}(5; \{4^{26}, 2^{35}\})$	35184372088832
4	$\mathcal{O}(5; \{4^{28}, 2^{32}\})$	140737488355328
4	$\mathcal{O}(5; \{4^{30}, 2^{29}\})$	562949953421312
4	$\mathcal{O}(5; \{4^{32}, 2^{26}\})$	2251799813685248
4	$\mathcal{O}(5; \{4^{34}, 2^{23}\})$	9007199254740992
4	$\mathcal{O}(5; \{4^{36}, 2^{20}\})$	36028797018963968
4	$\mathcal{O}(5; \{4^{38}, 2^{17}\})$	144115188075855872
4	$\mathcal{O}(5; \{4^{40}, 2^{14}\})$	576460752303423488
4	$\mathcal{O}(5; \{4^{42}, 2^{11}\})$	2305843009213693952
4	$\mathcal{O}(5; \{4^{44}, 2^8\})$	9223372036854775808
4	$\mathcal{O}(5; \{4^{46}, 2^5\})$	36893488147419103232
4	$\mathcal{O}(5; \{4^{48}, 2^2\})$	147573952589676412928
4	$\mathcal{O}(4; \{2^{78}\})$	65280
4	$\mathcal{O}(4; \{4^2, 2^{75}\})$	131072
4	$\mathcal{O}(4; \{4^4, 2^{72}\})$	524288
4	$\mathcal{O}(4; \{4^6, 2^{69}\})$	2097152
4	$\mathcal{O}(4; \{4^8, 2^{66}\})$	8388608
4	$\mathcal{O}(4; \{4^{10}, 2^{63}\})$	33554432
4	$\mathcal{O}(4; \{4^{12}, 2^{60}\})$	134217728
4	$\mathcal{O}(4; \{4^{14}, 2^{57}\})$	536870912
4	$\mathcal{O}(4; \{4^{16}, 2^{54}\})$	2147483648
4	$\mathcal{O}(4; \{4^{18}, 2^{51}\})$	8589934592

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(4; \{4^{20}, 2^{48}\})$	34359738368
4	$\mathcal{O}(4; \{4^{22}, 2^{45}\})$	137438953472
4	$\mathcal{O}(4; \{4^{24}, 2^{42}\})$	549755813888
4	$\mathcal{O}(4; \{4^{26}, 2^{39}\})$	2199023255552
4	$\mathcal{O}(4; \{4^{28}, 2^{36}\})$	8796093022208
4	$\mathcal{O}(4; \{4^{30}, 2^{33}\})$	35184372088832
4	$\mathcal{O}(4; \{4^{32}, 2^{30}\})$	140737488355328
4	$\mathcal{O}(4; \{4^{34}, 2^{27}\})$	562949953421312
4	$\mathcal{O}(4; \{4^{36}, 2^{24}\})$	2251799813685248
4	$\mathcal{O}(4; \{4^{38}, 2^{21}\})$	9007199254740992
4	$\mathcal{O}(4; \{4^{40}, 2^{18}\})$	36028797018963968
4	$\mathcal{O}(4; \{4^{42}, 2^{15}\})$	144115188075855872
4	$\mathcal{O}(4; \{4^{44}, 2^{12}\})$	576460752303423488
4	$\mathcal{O}(4; \{4^{46}, 2^9\})$	2305843009213693952
4	$\mathcal{O}(4; \{4^{48}, 2^6\})$	9223372036854775808
4	$\mathcal{O}(4; \{4^{50}, 2^3\})$	36893488147419103232
4	$\mathcal{O}(4; \{4^{52}\})$	147573952589676412928
4	$\mathcal{O}(3; \{2^{82}\})$	4032
4	$\mathcal{O}(3; \{4^2, 2^{79}\})$	8192
4	$\mathcal{O}(3; \{4^4, 2^{76}\})$	32768
4	$\mathcal{O}(3; \{4^6, 2^{73}\})$	131072
4	$\mathcal{O}(3; \{4^8, 2^{70}\})$	524288
4	$\mathcal{O}(3; \{4^{10}, 2^{67}\})$	2097152
4	$\mathcal{O}(3; \{4^{12}, 2^{64}\})$	8388608
4	$\mathcal{O}(3; \{4^{14}, 2^{61}\})$	33554432
4	$\mathcal{O}(3; \{4^{16}, 2^{58}\})$	134217728
4	$\mathcal{O}(3; \{4^{18}, 2^{55}\})$	536870912
4	$\mathcal{O}(3; \{4^{20}, 2^{52}\})$	2147483648
4	$\mathcal{O}(3; \{4^{22}, 2^{49}\})$	8589934592
4	$\mathcal{O}(3; \{4^{24}, 2^{46}\})$	34359738368
4	$\mathcal{O}(3; \{4^{26}, 2^{43}\})$	137438953472
4	$\mathcal{O}(3; \{4^{28}, 2^{40}\})$	549755813888
4	$\mathcal{O}(3; \{4^{30}, 2^{37}\})$	2199023255552
4	$\mathcal{O}(3; \{4^{32}, 2^{34}\})$	8796093022208
4	$\mathcal{O}(3; \{4^{34}, 2^{31}\})$	35184372088832
4	$\mathcal{O}(3; \{4^{36}, 2^{28}\})$	140737488355328
4	$\mathcal{O}(3; \{4^{38}, 2^{25}\})$	562949953421312
4	$\mathcal{O}(3; \{4^{40}, 2^{22}\})$	2251799813685248
4	$\mathcal{O}(3; \{4^{42}, 2^{19}\})$	9007199254740992
4	$\mathcal{O}(3; \{4^{44}, 2^{16}\})$	36028797018963968
4	$\mathcal{O}(3; \{4^{46}, 2^{13}\})$	144115188075855872
4	$\mathcal{O}(3; \{4^{48}, 2^{10}\})$	576460752303423488
4	$\mathcal{O}(3; \{4^{50}, 2^7\})$	2305843009213693952

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(3; \{4^{52}, 2^4\})$	9223372036854775808
4	$\mathcal{O}(3; \{4^{54}, 2\})$	36893488147419103232
4	$\mathcal{O}(2; \{2^{86}\})$	240
4	$\mathcal{O}(2; \{4^2, 2^{83}\})$	512
4	$\mathcal{O}(2; \{4^4, 2^{80}\})$	2048
4	$\mathcal{O}(2; \{4^6, 2^{77}\})$	8192
4	$\mathcal{O}(2; \{4^8, 2^{74}\})$	32768
4	$\mathcal{O}(2; \{4^{10}, 2^{71}\})$	131072
4	$\mathcal{O}(2; \{4^{12}, 2^{68}\})$	524288
4	$\mathcal{O}(2; \{4^{14}, 2^{65}\})$	2097152
4	$\mathcal{O}(2; \{4^{16}, 2^{62}\})$	8388608
4	$\mathcal{O}(2; \{4^{18}, 2^{59}\})$	33554432
4	$\mathcal{O}(2; \{4^{20}, 2^{56}\})$	134217728
4	$\mathcal{O}(2; \{4^{22}, 2^{53}\})$	536870912
4	$\mathcal{O}(2; \{4^{24}, 2^{50}\})$	2147483648
4	$\mathcal{O}(2; \{4^{26}, 2^{47}\})$	8589934592
4	$\mathcal{O}(2; \{4^{28}, 2^{44}\})$	34359738368
4	$\mathcal{O}(2; \{4^{30}, 2^{41}\})$	137438953472
4	$\mathcal{O}(2; \{4^{32}, 2^{38}\})$	549755813888
4	$\mathcal{O}(2; \{4^{34}, 2^{35}\})$	2199023255552
4	$\mathcal{O}(2; \{4^{36}, 2^{32}\})$	8796093022208
4	$\mathcal{O}(2; \{4^{38}, 2^{29}\})$	35184372088832
4	$\mathcal{O}(2; \{4^{40}, 2^{26}\})$	140737488355328
4	$\mathcal{O}(2; \{4^{42}, 2^{23}\})$	562949953421312
4	$\mathcal{O}(2; \{4^{44}, 2^{20}\})$	2251799813685248
4	$\mathcal{O}(2; \{4^{46}, 2^{17}\})$	9007199254740992
4	$\mathcal{O}(2; \{4^{48}, 2^{14}\})$	36028797018963968
4	$\mathcal{O}(2; \{4^{50}, 2^{11}\})$	144115188075855872
4	$\mathcal{O}(2; \{4^{52}, 2^8\})$	576460752303423488
4	$\mathcal{O}(2; \{4^{54}, 2^5\})$	2305843009213693952
4	$\mathcal{O}(2; \{4^{56}, 2^2\})$	9223372036854775808
4	$\mathcal{O}(1; \{2^{90}\})$	12
4	$\mathcal{O}(1; \{4^2, 2^{87}\})$	32
4	$\mathcal{O}(1; \{4^4, 2^{84}\})$	128
4	$\mathcal{O}(1; \{4^6, 2^{81}\})$	512
4	$\mathcal{O}(1; \{4^8, 2^{78}\})$	2048
4	$\mathcal{O}(1; \{4^{10}, 2^{75}\})$	8192
4	$\mathcal{O}(1; \{4^{12}, 2^{72}\})$	32768
4	$\mathcal{O}(1; \{4^{14}, 2^{69}\})$	131072
4	$\mathcal{O}(1; \{4^{16}, 2^{66}\})$	524288
4	$\mathcal{O}(1; \{4^{18}, 2^{63}\})$	2097152
4	$\mathcal{O}(1; \{4^{20}, 2^{60}\})$	8388608
4	$\mathcal{O}(1; \{4^{22}, 2^{57}\})$	33554432

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(1; \{4^{24}, 2^{54}\})$	134217728
4	$\mathcal{O}(1; \{4^{26}, 2^{51}\})$	536870912
4	$\mathcal{O}(1; \{4^{28}, 2^{48}\})$	2147483648
4	$\mathcal{O}(1; \{4^{30}, 2^{45}\})$	8589934592
4	$\mathcal{O}(1; \{4^{32}, 2^{42}\})$	34359738368
4	$\mathcal{O}(1; \{4^{34}, 2^{39}\})$	137438953472
4	$\mathcal{O}(1; \{4^{36}, 2^{36}\})$	549755813888
4	$\mathcal{O}(1; \{4^{38}, 2^{33}\})$	2199023255552
4	$\mathcal{O}(1; \{4^{40}, 2^{30}\})$	8796093022208
4	$\mathcal{O}(1; \{4^{42}, 2^{27}\})$	35184372088832
4	$\mathcal{O}(1; \{4^{44}, 2^{24}\})$	140737488355328
4	$\mathcal{O}(1; \{4^{46}, 2^{21}\})$	562949953421312
4	$\mathcal{O}(1; \{4^{48}, 2^{18}\})$	2251799813685248
4	$\mathcal{O}(1; \{4^{50}, 2^{15}\})$	9007199254740992
4	$\mathcal{O}(1; \{4^{52}, 2^{12}\})$	36028797018963968
4	$\mathcal{O}(1; \{4^{54}, 2^9\})$	144115188075855872
4	$\mathcal{O}(1; \{4^{56}, 2^6\})$	576460752303423488
4	$\mathcal{O}(1; \{4^{58}, 2^3\})$	2305843009213693952
4	$\mathcal{O}(1; \{4^{60}\})$	9223372036854775808
4	$\mathcal{O}(0; \{4^2, 2^{91}\})$	2
4	$\mathcal{O}(0; \{4^4, 2^{88}\})$	8
4	$\mathcal{O}(0; \{4^6, 2^{85}\})$	32
4	$\mathcal{O}(0; \{4^8, 2^{82}\})$	128
4	$\mathcal{O}(0; \{4^{10}, 2^{79}\})$	512
4	$\mathcal{O}(0; \{4^{12}, 2^{76}\})$	2048
4	$\mathcal{O}(0; \{4^{14}, 2^{73}\})$	8192
4	$\mathcal{O}(0; \{4^{16}, 2^{70}\})$	32768
4	$\mathcal{O}(0; \{4^{18}, 2^{67}\})$	131072
4	$\mathcal{O}(0; \{4^{20}, 2^{64}\})$	524288
4	$\mathcal{O}(0; \{4^{22}, 2^{61}\})$	2097152
4	$\mathcal{O}(0; \{4^{24}, 2^{58}\})$	8388608
4	$\mathcal{O}(0; \{4^{26}, 2^{55}\})$	33554432
4	$\mathcal{O}(0; \{4^{28}, 2^{52}\})$	134217728
4	$\mathcal{O}(0; \{4^{30}, 2^{49}\})$	536870912
4	$\mathcal{O}(0; \{4^{32}, 2^{46}\})$	2147483648
4	$\mathcal{O}(0; \{4^{34}, 2^{43}\})$	8589934592
4	$\mathcal{O}(0; \{4^{36}, 2^{40}\})$	34359738368
4	$\mathcal{O}(0; \{4^{38}, 2^{37}\})$	137438953472
4	$\mathcal{O}(0; \{4^{40}, 2^{34}\})$	549755813888
4	$\mathcal{O}(0; \{4^{42}, 2^{31}\})$	2199023255552
4	$\mathcal{O}(0; \{4^{44}, 2^{28}\})$	8796093022208
4	$\mathcal{O}(0; \{4^{46}, 2^{25}\})$	35184372088832
4	$\mathcal{O}(0; \{4^{48}, 2^{22}\})$	140737488355328

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(0; \{4^{50}, 2^{19}\})$	562949953421312
4	$\mathcal{O}(0; \{4^{52}, 2^{16}\})$	2251799813685248
4	$\mathcal{O}(0; \{4^{54}, 2^{13}\})$	9007199254740992
4	$\mathcal{O}(0; \{4^{56}, 2^{10}\})$	36028797018963968
4	$\mathcal{O}(0; \{4^{58}, 2^7\})$	144115188075855872
4	$\mathcal{O}(0; \{4^{60}, 2^4\})$	576460752303423488
4	$\mathcal{O}(0; \{4^{62}, 2\})$	2305843009213693952
5	$\mathcal{O}(19; \emptyset)$	363797880709171295166015624
5	$\mathcal{O}(17; \{5^5\})$	118743628263473510742187500
5	$\mathcal{O}(15; \{5^{10}\})$	195313245058059692382812500
5	$\mathcal{O}(13; \{5^{15}\})$	319999998807907104492187500
5	$\mathcal{O}(11; \{5^{20}\})$	524288000001907348632812500
5	$\mathcal{O}(9; \{5^{25}\})$	85899345919996948242187500
5	$\mathcal{O}(7; \{5^{30}\})$	1407374883553280004882812500
5	$\mathcal{O}(5; \{5^{35}\})$	2305843009213693951992187500
5	$\mathcal{O}(3; \{5^{40}\})$	3777893186295716170956812500
5	$\mathcal{O}(1; \{5^{45}\})$	6189700196426901374495621100
6	$\mathcal{O}(16; \emptyset)$	7958661108093376400572800
6	$\mathcal{O}(15; \{2^4\})$	221073919720732284157952
6	$\mathcal{O}(15; \{3^3\})$	442147839029684451610254
6	$\mathcal{O}(15; \{6, 3, 2\})$	442147839441466715799552
6	$\mathcal{O}(14; \{2^8\})$	6140942214464547061760
6	$\mathcal{O}(14; \{3^3, 2^4\})$	12281884428929630994432
6	$\mathcal{O}(14; \{3^6\})$	135100728214936506929610
6	$\mathcal{O}(14; \{6, 3, 2^5\})$	12281884428929630994432
6	$\mathcal{O}(14; \{6, 3^4, 2\})$	61409422144648154972160
6	$\mathcal{O}(14; \{6^2, 3^2, 2^2\})$	36845653286788892983296
6	$\mathcal{O}(14; \{6^3, 2^3\})$	12281884428929630994432
6	$\mathcal{O}(14; \{6^4, 3\})$	61409422144648154972160
6	$\mathcal{O}(13; \{2^{12}\})$	170581728179511099392
6	$\mathcal{O}(13; \{3^3, 2^8\})$	341163456359156416512
6	$\mathcal{O}(13; \{3^6, 2^4\})$	3752798019950720581632
6	$\mathcal{O}(13; \{3^9\})$	28998893358411104587590
6	$\mathcal{O}(13; \{6, 3, 2^9\})$	341163456359156416512
6	$\mathcal{O}(13; \{6, 3^4, 2^3\})$	1705817281795782082560
6	$\mathcal{O}(13; \{6, 3^7, 2\})$	14670028623443725910016
6	$\mathcal{O}(13; \{6^2, 3^2, 2^6\})$	1023490369077469249536
6	$\mathcal{O}(13; \{6^2, 3^5, 2^2\})$	7164432583542284746752
6	$\mathcal{O}(13; \{6^3, 2^7\})$	341163456359156416512
6	$\mathcal{O}(13; \{6^3, 3^3, 2^3\})$	3752798019950720581632
6	$\mathcal{O}(13; \{6^4, 3, 2^4\})$	1705817281795782082560
6	$\mathcal{O}(13; \{6^4, 3^4\})$	14670028623443725910016
6	$\mathcal{O}(13; \{6^5, 3^2, 2\})$	7164432583542284746752

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(13; \{6^6, 2^2\})$	3752798019950720581632
6	$\mathcal{O}(12; \{2^{16}\})$	4738381338304839680
6	$\mathcal{O}(12; \{3^3, 2^{12}\})$	9476762676643233792
6	$\mathcal{O}(12; \{3^6, 2^8\})$	104244389443075571712
6	$\mathcal{O}(12; \{3^9, 2^4\})$	805524827514674872320
6	$\mathcal{O}(12; \{3^{12}\})$	6472628522348581846890
6	$\mathcal{O}(12; \{6, 3, 2^{13}\})$	9476762676643233792
6	$\mathcal{O}(12; \{6, 3^4, 2^9\})$	47383813383216168960
6	$\mathcal{O}(12; \{6, 3^7, 2^5\})$	407500795095659053056
6	$\mathcal{O}(12; \{6, 3^{10}, 2\})$	3231576072735342723072
6	$\mathcal{O}(12; \{6^2, 3^2, 2^{10}\})$	28430288029929701376
6	$\mathcal{O}(12; \{6^2, 3^5, 2^6\})$	199012016209507909632
6	$\mathcal{O}(12; \{6^2, 3^8, 2^2\})$	1620526417705992978432
6	$\mathcal{O}(12; \{6^3, 2^{11}\})$	9476762676643233792
6	$\mathcal{O}(12; \{6^3, 3^3, 2^7\})$	104244389443075571712
6	$\mathcal{O}(12; \{6^3, 3^6, 2^3\})$	805524827514674872320
6	$\mathcal{O}(12; \{6^4, 3, 2^8\})$	47383813383216168960
6	$\mathcal{O}(12; \{6^4, 3^4, 2^4\})$	407500795095659053056
6	$\mathcal{O}(12; \{6^4, 3^7\})$	3231576072735342723072
6	$\mathcal{O}(12; \{6^5, 3^2, 2^5\})$	199012016209507909632
6	$\mathcal{O}(12; \{6^5, 3^5, 2\})$	1620526417705992978432
6	$\mathcal{O}(12; \{6^6, 2^6\})$	104244389443075571712
6	$\mathcal{O}(12; \{6^6, 3^3, 2^2\})$	805524827514674872320
6	$\mathcal{O}(12; \{6^7, 3, 2^3\})$	407500795095659053056
6	$\mathcal{O}(12; \{6^8, 3^2\})$	1620526417705992978432
6	$\mathcal{O}(12; \{6^9, 2\})$	805524827514674872320
6	$\mathcal{O}(11; \{2^{20}\})$	131621703838072832
6	$\mathcal{O}(11; \{3^3, 2^{16}\})$	263243407684534272
6	$\mathcal{O}(11; \{3^6, 2^{12}\})$	2895677484529876992
6	$\mathcal{O}(11; \{3^9, 2^8\})$	22375689653185413120
6	$\mathcal{O}(11; \{3^{12}, 2^4\})$	179795247448536907776
6	$\mathcal{O}(11; \{3^{15}\})$	1437571906621308609894
6	$\mathcal{O}(11; \{6, 3, 2^{17}\})$	263243407684534272
6	$\mathcal{O}(11; \{6, 3^4, 2^{13}\})$	1316217038422671360
6	$\mathcal{O}(11; \{6, 3^7, 2^9\})$	11319466530434973696
6	$\mathcal{O}(11; \{6, 3^{10}, 2^5\})$	89766002020426186752
6	$\mathcal{O}(11; \{6, 3^{13}, 2\})$	718917746386463096832
6	$\mathcal{O}(11; \{6^2, 3^2, 2^{14}\})$	789730223053602816
6	$\mathcal{O}(11; \{6^2, 3^5, 2^{10}\})$	5528111561375219712
6	$\mathcal{O}(11; \{6^2, 3^8, 2^6\})$	45014622714055360512
6	$\mathcal{O}(11; \{6^2, 3^{11}, 2^2\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^3, 2^{15}\})$	263243407684534272
6	$\mathcal{O}(11; \{6^3, 3^3, 2^{11}\})$	2895677484529876992

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(11; \{6^3, 3^6, 2^7\})$	22375689653185413120
6	$\mathcal{O}(11; \{6^3, 3^9, 2^3\})$	179795247448536907776
6	$\mathcal{O}(11; \{6^4, 3, 2^{12}\})$	1316217038422671360
6	$\mathcal{O}(11; \{6^4, 3^4, 2^8\})$	11319466530434973696
6	$\mathcal{O}(11; \{6^4, 3^7, 2^4\})$	89766002020426186752
6	$\mathcal{O}(11; \{6^4, 3^{10}\})$	718917746386463096832
6	$\mathcal{O}(11; \{6^5, 3^2, 2^9\})$	5528111561375219712
6	$\mathcal{O}(11; \{6^5, 3^5, 2^5\})$	45014622714055360512
6	$\mathcal{O}(11; \{6^5, 3^8, 2\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^6, 2^{10}\})$	2895677484529876992
6	$\mathcal{O}(11; \{6^6, 3^3, 2^6\})$	22375689653185413120
6	$\mathcal{O}(11; \{6^6, 3^6, 2^2\})$	179795247448536907776
6	$\mathcal{O}(11; \{6^7, 3, 2^7\})$	11319466530434973696
6	$\mathcal{O}(11; \{6^7, 3^4, 2^3\})$	89766002020426186752
6	$\mathcal{O}(11; \{6^8, 3^2, 2^4\})$	45014622714055360512
6	$\mathcal{O}(11; \{6^8, 3^5\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^9, 2^5\})$	22375689653185413120
6	$\mathcal{O}(11; \{6^9, 3^3, 2\})$	179795247448536907776
6	$\mathcal{O}(11; \{6^{10}, 3, 2^2\})$	89766002020426186752
6	$\mathcal{O}(11; \{6^{12}\})$	179795247448536907776
6	$\mathcal{O}(10; \{2^{24}\})$	3656158439014400
6	$\mathcal{O}(10; \{3^3, 2^{20}\})$	7312316880125952
6	$\mathcal{O}(10; \{3^6, 2^{16}\})$	80435485681385472
6	$\mathcal{O}(10; \{3^9, 2^{12}\})$	621546934810705920
6	$\mathcal{O}(10; \{3^{12}, 2^8\})$	4994312429126025216
6	$\mathcal{O}(10; \{3^{15}, 2^4\})$	39932562482367823872
6	$\mathcal{O}(10; \{3^{18}\})$	319482132127388440650
6	$\mathcal{O}(10; \{6, 3, 2^{21}\})$	7312316880125952
6	$\mathcal{O}(10; \{6, 3^4, 2^{17}\})$	36561584400629760
6	$\mathcal{O}(10; \{6, 3^7, 2^{13}\})$	314429625845415936
6	$\mathcal{O}(10; \{6, 3^{10}, 2^9\})$	2493500056122949632
6	$\mathcal{O}(10; \{6, 3^{13}, 2^5\})$	19969937399623974912
6	$\mathcal{O}(10; \{6, 3^{16}, 2\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^2, 3^2, 2^{18}\})$	21936950640377856
6	$\mathcal{O}(10; \{6^2, 3^5, 2^{14}\})$	153558654482644992
6	$\mathcal{O}(10; \{6^2, 3^8, 2^{10}\})$	1250406186501537792
6	$\mathcal{O}(10; \{6^2, 3^{11}, 2^6\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^2, 3^{14}, 2^2\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^3, 2^{19}\})$	7312316880125952
6	$\mathcal{O}(10; \{6^3, 3^3, 2^{15}\})$	80435485681385472
6	$\mathcal{O}(10; \{6^3, 3^6, 2^{11}\})$	621546934810705920
6	$\mathcal{O}(10; \{6^3, 3^9, 2^7\})$	4994312429126025216
6	$\mathcal{O}(10; \{6^3, 3^{12}, 2^3\})$	39932562482367823872

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(10; \{6^4, 3, 2^{16}\})$	36561584400629760
6	$\mathcal{O}(10; \{6^4, 3^4, 2^{12}\})$	314429625845415936
6	$\mathcal{O}(10; \{6^4, 3^7, 2^8\})$	2493500056122949632
6	$\mathcal{O}(10; \{6^4, 3^{10}, 2^4\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^4, 3^{13}\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^5, 3^2, 2^{13}\})$	153558654482644992
6	$\mathcal{O}(10; \{6^5, 3^5, 2^9\})$	1250406186501537792
6	$\mathcal{O}(10; \{6^5, 3^8, 2^5\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^5, 3^{11}, 2\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^6, 2^{14}\})$	80435485681385472
6	$\mathcal{O}(10; \{6^6, 3^3, 2^{10}\})$	621546934810705920
6	$\mathcal{O}(10; \{6^6, 3^6, 2^6\})$	4994312429126025216
6	$\mathcal{O}(10; \{6^6, 3^9, 2^2\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^7, 3, 2^{11}\})$	314429625845415936
6	$\mathcal{O}(10; \{6^7, 3^4, 2^7\})$	2493500056122949632
6	$\mathcal{O}(10; \{6^7, 3^7, 2^3\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^8, 3^2, 2^8\})$	1250406186501537792
6	$\mathcal{O}(10; \{6^8, 3^5, 2^4\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^8, 3^8\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^9, 2^9\})$	621546934810705920
6	$\mathcal{O}(10; \{6^9, 3^3, 2^5\})$	4994312429126025216
6	$\mathcal{O}(10; \{6^9, 3^6, 2\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^{10}, 3, 2^6\})$	2493500056122949632
6	$\mathcal{O}(10; \{6^{10}, 3^4, 2^2\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^{11}, 3^2, 2^3\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^{12}, 2^4\})$	4994312429126025216
6	$\mathcal{O}(10; \{6^{12}, 3^3\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^{13}, 3, 2\})$	19969937399623974912
6	$\mathcal{O}(9; \{2^{28}\})$	101559956406272
6	$\mathcal{O}(9; \{3^3, 2^{24}\})$	203119913336832
6	$\mathcal{O}(9; \{3^6, 2^{20}\})$	2234319046705152
6	$\mathcal{O}(9; \{3^9, 2^{16}\})$	17265192633630720
6	$\mathcal{O}(9; \{3^{12}, 2^{12}\})$	138730900809056256
6	$\mathcal{O}(9; \{3^{15}, 2^8\})$	1109237846732439552
6	$\mathcal{O}(9; \{3^{18}, 2^4\})$	8874512133599526912
6	$\mathcal{O}(9; \{3^{21}\})$	70995216882763369350
6	$\mathcal{O}(9; \{6, 3, 2^{25}\})$	203119913336832
6	$\mathcal{O}(9; \{6, 3^4, 2^{21}\})$	1015599566684160
6	$\mathcal{O}(9; \{6, 3^7, 2^{17}\})$	8734156273483776
6	$\mathcal{O}(9; \{6, 3^{10}, 2^{13}\})$	69263890447859712
6	$\mathcal{O}(9; \{6, 3^{13}, 2^9\})$	554720483322888192
6	$\mathcal{O}(9; \{6, 3^{16}, 2^5\})$	4437154506843095040
6	$\mathcal{O}(9; \{6, 3^{19}, 2\})$	35497845414484770816

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(9; \{6^2, 3^2, 2^{22}\})$	609359740010496
6	$\mathcal{O}(9; \{6^2, 3^5, 2^{18}\})$	4265518180073472
6	$\mathcal{O}(9; \{6^2, 3^8, 2^{14}\})$	34733505180598272
6	$\mathcal{O}(9; \{6^2, 3^{11}, 2^{10}\})$	277258681704775680
6	$\mathcal{O}(9; \{6^2, 3^{14}, 2^6\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^2, 3^{17}, 2^2\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^3, 2^{23}\})$	203119913336832
6	$\mathcal{O}(9; \{6^3, 3^3, 2^{19}\})$	2234319046705152
6	$\mathcal{O}(9; \{6^3, 3^6, 2^{15}\})$	17265192633630720
6	$\mathcal{O}(9; \{6^3, 3^9, 2^{11}\})$	138730900809056256
6	$\mathcal{O}(9; \{6^3, 3^{12}, 2^7\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^3, 3^{15}, 2^3\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^4, 3, 2^{20}\})$	1015599566684160
6	$\mathcal{O}(9; \{6^4, 3^4, 2^{16}\})$	8734156273483776
6	$\mathcal{O}(9; \{6^4, 3^7, 2^{12}\})$	69263890447859712
6	$\mathcal{O}(9; \{6^4, 3^{10}, 2^8\})$	554720483322888192
6	$\mathcal{O}(9; \{6^4, 3^{13}, 2^4\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^4, 3^{16}\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^5, 3^2, 2^{17}\})$	4265518180073472
6	$\mathcal{O}(9; \{6^5, 3^5, 2^{13}\})$	34733505180598272
6	$\mathcal{O}(9; \{6^5, 3^8, 2^9\})$	277258681704775680
6	$\mathcal{O}(9; \{6^5, 3^{11}, 2^5\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^5, 3^{14}, 2\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^6, 2^{18}\})$	2234319046705152
6	$\mathcal{O}(9; \{6^6, 3^3, 2^{14}\})$	17265192633630720
6	$\mathcal{O}(9; \{6^6, 3^6, 2^{10}\})$	138730900809056256
6	$\mathcal{O}(9; \{6^6, 3^9, 2^6\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^6, 3^{12}, 2^2\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^7, 3, 2^{15}\})$	8734156273483776
6	$\mathcal{O}(9; \{6^7, 3^4, 2^{11}\})$	69263890447859712
6	$\mathcal{O}(9; \{6^7, 3^7, 2^7\})$	554720483322888192
6	$\mathcal{O}(9; \{6^7, 3^{10}, 2^3\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^8, 3^2, 2^{12}\})$	34733505180598272
6	$\mathcal{O}(9; \{6^8, 3^5, 2^8\})$	277258681704775680
6	$\mathcal{O}(9; \{6^8, 3^8, 2^4\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^8, 3^{11}\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^9, 2^{13}\})$	17265192633630720
6	$\mathcal{O}(9; \{6^9, 3^3, 2^9\})$	138730900809056256
6	$\mathcal{O}(9; \{6^9, 3^6, 2^5\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^9, 3^9, 2\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^{10}, 3, 2^{10}\})$	69263890447859712
6	$\mathcal{O}(9; \{6^{10}, 3^4, 2^6\})$	554720483322888192
6	$\mathcal{O}(9; \{6^{10}, 3^7, 2^2\})$	4437154506843095040

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(9; \{6^{11}, 3^2, 2^7\})$	277258681704775680
6	$\mathcal{O}(9; \{6^{11}, 3^5, 2^3\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^{12}, 2^8\})$	138730900809056256
6	$\mathcal{O}(9; \{6^{12}, 3^3, 2^4\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^{12}, 3^6\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^{13}, 3, 2^5\})$	554720483322888192
6	$\mathcal{O}(9; \{6^{13}, 3^4, 2\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^{14}, 3^2, 2^2\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^{15}, 2^3\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^{16}, 3\})$	4437154506843095040
6	$\mathcal{O}(8; \{2^{32}\})$	2821109841920
6	$\mathcal{O}(8; \{3^3, 2^{28}\})$	5642219814912
6	$\mathcal{O}(8; \{3^6, 2^{24}\})$	62064417964032
6	$\mathcal{O}(8; \{3^9, 2^{20}\})$	479588684267520
6	$\mathcal{O}(8; \{3^{12}, 2^{16}\})$	3853636133584896
6	$\mathcal{O}(8; \{3^{15}, 2^{12}\})$	30812162409234432
6	$\mathcal{O}(8; \{3^{18}, 2^8\})$	246514225933320192
6	$\mathcal{O}(8; \{3^{21}, 2^4\})$	1972096880807116800
6	$\mathcal{O}(8; \{3^{24}\})$	15776551238375578410
6	$\mathcal{O}(8; \{6, 3, 2^{29}\})$	5642219814912
6	$\mathcal{O}(8; \{6, 3^4, 2^{25}\})$	28211099074560
6	$\mathcal{O}(8; \{6, 3^7, 2^{21}\})$	242615452041216
6	$\mathcal{O}(8; \{6, 3^{10}, 2^{17}\})$	1923996956884992
6	$\mathcal{O}(8; \{6, 3^{13}, 2^{13}\})$	15408902314524672
6	$\mathcal{O}(8; \{6, 3^{16}, 2^9\})$	123254291856752640
6	$\mathcal{O}(8; \{6, 3^{19}, 2^5\})$	986051261513465856
6	$\mathcal{O}(8; \{6, 3^{22}, 2\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^2, 3^2, 2^{26}\})$	16926659444736
6	$\mathcal{O}(8; \{6^2, 3^5, 2^{22}\})$	118486616113152
6	$\mathcal{O}(8; \{6^2, 3^8, 2^{18}\})$	964819588349952
6	$\mathcal{O}(8; \{6^2, 3^{11}, 2^{14}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^2, 3^{14}, 2^{10}\})$	61629967038283776
6	$\mathcal{O}(8; \{6^2, 3^{17}, 2^6\})$	493022809646825472
6	$\mathcal{O}(8; \{6^2, 3^{20}, 2^2\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^3, 2^{27}\})$	5642219814912
6	$\mathcal{O}(8; \{6^3, 3^3, 2^{23}\})$	62064417964032
6	$\mathcal{O}(8; \{6^3, 3^6, 2^{19}\})$	479588684267520
6	$\mathcal{O}(8; \{6^3, 3^9, 2^{15}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^3, 3^{12}, 2^{11}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^3, 3^{15}, 2^7\})$	246514225933320192
6	$\mathcal{O}(8; \{6^3, 3^{18}, 2^3\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^4, 3, 2^{24}\})$	28211099074560
6	$\mathcal{O}(8; \{6^4, 3^4, 2^{20}\})$	242615452041216

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(8; \{6^4, 3^7, 2^{16}\})$	1923996956884992
6	$\mathcal{O}(8; \{6^4, 3^{10}, 2^{12}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^4, 3^{13}, 2^8\})$	123254291856752640
6	$\mathcal{O}(8; \{6^4, 3^{16}, 2^4\})$	986051261513465856
6	$\mathcal{O}(8; \{6^4, 3^{19}\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^5, 3^2, 2^{21}\})$	118486616113152
6	$\mathcal{O}(8; \{6^5, 3^5, 2^{17}\})$	964819588349952
6	$\mathcal{O}(8; \{6^5, 3^8, 2^{13}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^5, 3^{11}, 2^9\})$	61629967038283776
6	$\mathcal{O}(8; \{6^5, 3^{14}, 2^5\})$	493022809646825472
6	$\mathcal{O}(8; \{6^5, 3^{17}, 2\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^6, 2^{22}\})$	62064417964032
6	$\mathcal{O}(8; \{6^6, 3^3, 2^{18}\})$	479588684267520
6	$\mathcal{O}(8; \{6^6, 3^6, 2^{14}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^6, 3^9, 2^{10}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^6, 3^{12}, 2^6\})$	246514225933320192
6	$\mathcal{O}(8; \{6^6, 3^{15}, 2^2\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^7, 3, 2^{19}\})$	242615452041216
6	$\mathcal{O}(8; \{6^7, 3^4, 2^{15}\})$	1923996956884992
6	$\mathcal{O}(8; \{6^7, 3^7, 2^{11}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^7, 3^{10}, 2^7\})$	123254291856752640
6	$\mathcal{O}(8; \{6^7, 3^{13}, 2^3\})$	986051261513465856
6	$\mathcal{O}(8; \{6^8, 3^2, 2^{16}\})$	964819588349952
6	$\mathcal{O}(8; \{6^8, 3^5, 2^{12}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^8, 3^8, 2^8\})$	61629967038283776
6	$\mathcal{O}(8; \{6^8, 3^{11}, 2^4\})$	493022809646825472
6	$\mathcal{O}(8; \{6^8, 3^{14}\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^9, 2^{17}\})$	479588684267520
6	$\mathcal{O}(8; \{6^9, 3^3, 2^{13}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^9, 3^6, 2^9\})$	30812162409234432
6	$\mathcal{O}(8; \{6^9, 3^9, 2^5\})$	246514225933320192
6	$\mathcal{O}(8; \{6^9, 3^{12}, 2\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^{10}, 3, 2^{14}\})$	1923996956884992
6	$\mathcal{O}(8; \{6^{10}, 3^4, 2^{10}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^{10}, 3^7, 2^6\})$	123254291856752640
6	$\mathcal{O}(8; \{6^{10}, 3^{10}, 2^2\})$	986051261513465856
6	$\mathcal{O}(8; \{6^{11}, 3^2, 2^{11}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^{11}, 3^5, 2^7\})$	61629967038283776
6	$\mathcal{O}(8; \{6^{11}, 3^8, 2^3\})$	493022809646825472
6	$\mathcal{O}(8; \{6^{12}, 2^{12}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^{12}, 3^3, 2^8\})$	30812162409234432
6	$\mathcal{O}(8; \{6^{12}, 3^6, 2^4\})$	246514225933320192
6	$\mathcal{O}(8; \{6^{12}, 3^9\})$	1972096880807116800

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(8; \{6^{13}, 3, 2^9\})$	15408902314524672
6	$\mathcal{O}(8; \{6^{13}, 3^4, 2^5\})$	123254291856752640
6	$\mathcal{O}(8; \{6^{13}, 3^7, 2\})$	986051261513465856
6	$\mathcal{O}(8; \{6^{14}, 3^2, 2^6\})$	61629967038283776
6	$\mathcal{O}(8; \{6^{14}, 3^5, 2^2\})$	493022809646825472
6	$\mathcal{O}(8; \{6^{15}, 2^7\})$	30812162409234432
6	$\mathcal{O}(8; \{6^{15}, 3^3, 2^3\})$	246514225933320192
6	$\mathcal{O}(8; \{6^{16}, 3, 2^4\})$	123254291856752640
6	$\mathcal{O}(8; \{6^{16}, 3^4\})$	986051261513465856
6	$\mathcal{O}(8; \{6^{17}, 3^2, 2\})$	493022809646825472
6	$\mathcal{O}(8; \{6^{18}, 2^2\})$	246514225933320192
6	$\mathcal{O}(7; \{2^{36}\})$	78364147712
6	$\mathcal{O}(7; \{3^3, 2^{32}\})$	156728328192
6	$\mathcal{O}(7; \{3^6, 2^{28}\})$	1724011610112
6	$\mathcal{O}(7; \{3^9, 2^{24}\})$	13321907896320
6	$\mathcal{O}(7; \{3^{12}, 2^{20}\})$	107045448155136
6	$\mathcal{O}(7; \{3^{15}, 2^{16}\})$	855893400256512
6	$\mathcal{O}(7; \{3^{18}, 2^{12}\})$	6847617387036672
6	$\mathcal{O}(7; \{3^{21}, 2^8\})$	54780468911308800
6	$\mathcal{O}(7; \{3^{24}, 2^4\})$	438244221475454976
6	$\mathcal{O}(7; \{3^{27}\})$	3505739315211085734
6	$\mathcal{O}(7; \{6, 3, 2^{33}\})$	156728328192
6	$\mathcal{O}(7; \{6, 3^4, 2^{29}\})$	783641640960
6	$\mathcal{O}(7; \{6, 3^7, 2^{25}\})$	6739318112256
6	$\mathcal{O}(7; \{6, 3^{10}, 2^{21}\})$	53444359913472
6	$\mathcal{O}(7; \{6, 3^{13}, 2^{17}\})$	428025064292352
6	$\mathcal{O}(7; \{6, 3^{16}, 2^{13}\})$	3423730329354240
6	$\mathcal{O}(7; \{6, 3^{19}, 2^9\})$	27390312819818496
6	$\mathcal{O}(7; \{6, 3^{22}, 2^5\})$	219122032373563392
6	$\mathcal{O}(7; \{6, 3^{25}, 2\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^2, 3^2, 2^{30}\})$	470184984576
6	$\mathcal{O}(7; \{6^2, 3^5, 2^{26}\})$	3291294892032
6	$\mathcal{O}(7; \{6^2, 3^8, 2^{22}\})$	26800544120832
6	$\mathcal{O}(7; \{6^2, 3^{11}, 2^{18}\})$	213934167982080
6	$\mathcal{O}(7; \{6^2, 3^{14}, 2^{14}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^2, 3^{17}, 2^{10}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^2, 3^{20}, 2^6\})$	109561094550945792
6	$\mathcal{O}(7; \{6^2, 3^{23}, 2^2\})$	876488286222581760
6	$\mathcal{O}(7; \{6^3, 2^{31}\})$	156728328192
6	$\mathcal{O}(7; \{6^3, 3^3, 2^{27}\})$	1724011610112
6	$\mathcal{O}(7; \{6^3, 3^6, 2^{23}\})$	13321907896320
6	$\mathcal{O}(7; \{6^3, 3^9, 2^{19}\})$	107045448155136
6	$\mathcal{O}(7; \{6^3, 3^{12}, 2^{15}\})$	855893400256512

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{6^3, 3^{15}, 2^{11}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^3, 3^{18}, 2^7\})$	54780468911308800
6	$\mathcal{O}(7; \{6^3, 3^{21}, 2^3\})$	438244221475454976
6	$\mathcal{O}(7; \{6^4, 3, 2^{28}\})$	783641640960
6	$\mathcal{O}(7; \{6^4, 3^4, 2^{24}\})$	6739318112256
6	$\mathcal{O}(7; \{6^4, 3^7, 2^{20}\})$	53444359913472
6	$\mathcal{O}(7; \{6^4, 3^{10}, 2^{16}\})$	428025064292352
6	$\mathcal{O}(7; \{6^4, 3^{13}, 2^{12}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^4, 3^{16}, 2^8\})$	27390312819818496
6	$\mathcal{O}(7; \{6^4, 3^{19}, 2^4\})$	219122032373563392
6	$\mathcal{O}(7; \{6^4, 3^{22}\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^5, 3^2, 2^{25}\})$	3291294892032
6	$\mathcal{O}(7; \{6^5, 3^5, 2^{21}\})$	26800544120832
6	$\mathcal{O}(7; \{6^5, 3^8, 2^{17}\})$	213934167982080
6	$\mathcal{O}(7; \{6^5, 3^{11}, 2^{13}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^5, 3^{14}, 2^9\})$	13695078045745152
6	$\mathcal{O}(7; \{6^5, 3^{17}, 2^5\})$	109561094550945792
6	$\mathcal{O}(7; \{6^5, 3^{20}, 2\})$	876488286222581760
6	$\mathcal{O}(7; \{6^6, 2^{26}\})$	1724011610112
6	$\mathcal{O}(7; \{6^6, 3^3, 2^{22}\})$	13321907896320
6	$\mathcal{O}(7; \{6^6, 3^6, 2^{18}\})$	107045448155136
6	$\mathcal{O}(7; \{6^6, 3^9, 2^{14}\})$	855893400256512
6	$\mathcal{O}(7; \{6^6, 3^{12}, 2^{10}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^6, 3^{15}, 2^6\})$	54780468911308800
6	$\mathcal{O}(7; \{6^6, 3^{18}, 2^2\})$	438244221475454976
6	$\mathcal{O}(7; \{6^7, 3, 2^{23}\})$	6739318112256
6	$\mathcal{O}(7; \{6^7, 3^4, 2^{19}\})$	53444359913472
6	$\mathcal{O}(7; \{6^7, 3^7, 2^{15}\})$	428025064292352
6	$\mathcal{O}(7; \{6^7, 3^{10}, 2^{11}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^7, 3^{13}, 2^7\})$	27390312819818496
6	$\mathcal{O}(7; \{6^7, 3^{16}, 2^3\})$	219122032373563392
6	$\mathcal{O}(7; \{6^8, 3^2, 2^{20}\})$	26800544120832
6	$\mathcal{O}(7; \{6^8, 3^5, 2^{16}\})$	213934167982080
6	$\mathcal{O}(7; \{6^8, 3^8, 2^{12}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^8, 3^{11}, 2^8\})$	13695078045745152
6	$\mathcal{O}(7; \{6^8, 3^{14}, 2^4\})$	109561094550945792
6	$\mathcal{O}(7; \{6^8, 3^{17}\})$	876488286222581760
6	$\mathcal{O}(7; \{6^9, 2^{21}\})$	13321907896320
6	$\mathcal{O}(7; \{6^9, 3^3, 2^{17}\})$	107045448155136
6	$\mathcal{O}(7; \{6^9, 3^6, 2^{13}\})$	855893400256512
6	$\mathcal{O}(7; \{6^9, 3^9, 2^9\})$	6847617387036672
6	$\mathcal{O}(7; \{6^9, 3^{12}, 2^5\})$	54780468911308800
6	$\mathcal{O}(7; \{6^9, 3^{15}, 2\})$	438244221475454976

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{6^{10}, 3, 2^{18}\})$	53444359913472
6	$\mathcal{O}(7; \{6^{10}, 3^4, 2^{14}\})$	428025064292352
6	$\mathcal{O}(7; \{6^{10}, 3^7, 2^{10}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^{10}, 3^{10}, 2^6\})$	27390312819818496
6	$\mathcal{O}(7; \{6^{10}, 3^{13}, 2^2\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{11}, 3^2, 2^{15}\})$	213934167982080
6	$\mathcal{O}(7; \{6^{11}, 3^5, 2^{11}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^{11}, 3^8, 2^7\})$	13695078045745152
6	$\mathcal{O}(7; \{6^{11}, 3^{11}, 2^3\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{12}, 2^{16}\})$	107045448155136
6	$\mathcal{O}(7; \{6^{12}, 3^3, 2^{12}\})$	855893400256512
6	$\mathcal{O}(7; \{6^{12}, 3^6, 2^8\})$	6847617387036672
6	$\mathcal{O}(7; \{6^{12}, 3^9, 2^4\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{12}, 3^{12}\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{13}, 3, 2^{13}\})$	428025064292352
6	$\mathcal{O}(7; \{6^{13}, 3^4, 2^9\})$	3423730329354240
6	$\mathcal{O}(7; \{6^{13}, 3^7, 2^5\})$	27390312819818496
6	$\mathcal{O}(7; \{6^{13}, 3^{10}, 2\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{14}, 3^2, 2^{10}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^{14}, 3^5, 2^6\})$	13695078045745152
6	$\mathcal{O}(7; \{6^{14}, 3^8, 2^2\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{15}, 2^{11}\})$	855893400256512
6	$\mathcal{O}(7; \{6^{15}, 3^3, 2^7\})$	6847617387036672
6	$\mathcal{O}(7; \{6^{15}, 3^6, 2^3\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{16}, 3, 2^8\})$	3423730329354240
6	$\mathcal{O}(7; \{6^{16}, 3^4, 2^4\})$	27390312819818496
6	$\mathcal{O}(7; \{6^{16}, 3^7\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{17}, 3^2, 2^5\})$	13695078045745152
6	$\mathcal{O}(7; \{6^{17}, 3^5, 2\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{18}, 2^6\})$	6847617387036672
6	$\mathcal{O}(7; \{6^{18}, 3^3, 2^2\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{19}, 3, 2^3\})$	27390312819818496
6	$\mathcal{O}(7; \{6^{20}, 3^2\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{21}, 2\})$	54780468911308800
6	$\mathcal{O}(6; \{2^{40}\})$	2176778240
6	$\mathcal{O}(6; \{3^3, 2^{36}\})$	4353564672
6	$\mathcal{O}(6; \{3^6, 2^{32}\})$	47889211392
6	$\mathcal{O}(6; \{3^9, 2^{28}\})$	370052997120
6	$\mathcal{O}(6; \{3^{12}, 2^{24}\})$	2973484670976
6	$\mathcal{O}(6; \{3^{15}, 2^{20}\})$	23774816673792
6	$\mathcal{O}(6; \{3^{18}, 2^{16}\})$	190211594084352
6	$\mathcal{O}(6; \{3^{21}, 2^{12}\})$	1521679691980800
6	$\mathcal{O}(6; \{3^{24}, 2^8\})$	12173450596540416

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{3^{27}, 2^4\})$	97387591711629312
6	$\mathcal{O}(6; \{3^{30}\})$	778910536610478090
6	$\mathcal{O}(6; \{6, 3, 2^{37}\})$	4353564672
6	$\mathcal{O}(6; \{6, 3^4, 2^{33}\})$	21767823360
6	$\mathcal{O}(6; \{6, 3^7, 2^{29}\})$	187203280896
6	$\mathcal{O}(6; \{6, 3^{10}, 2^{25}\})$	1484565553152
6	$\mathcal{O}(6; \{6, 3^{13}, 2^{21}\})$	11889585119232
6	$\mathcal{O}(6; \{6, 3^{16}, 2^{17}\})$	95103620259840
6	$\mathcal{O}(6; \{6, 3^{19}, 2^{13}\})$	760842022772736
6	$\mathcal{O}(6; \{6, 3^{22}, 2^9\})$	6086723121487872
6	$\mathcal{O}(6; \{6, 3^{25}, 2^5\})$	48693798032596992
6	$\mathcal{O}(6; \{6, 3^{28}, 2\})$	389550371200081920
6	$\mathcal{O}(6; \{6^2, 3^2, 2^{34}\})$	13060694016
6	$\mathcal{O}(6; \{6^2, 3^5, 2^{30}\})$	91424858112
6	$\mathcal{O}(6; \{6^2, 3^8, 2^{26}\})$	744459558912
6	$\mathcal{O}(6; \{6^2, 3^{11}, 2^{22}\})$	5942615777280
6	$\mathcal{O}(6; \{6^2, 3^{14}, 2^{18}\})$	47553986912256
6	$\mathcal{O}(6; \{6^2, 3^{17}, 2^{14}\})$	380418834604032
6	$\mathcal{O}(6; \{6^2, 3^{20}, 2^{10}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^2, 3^{23}, 2^6\})$	24346896839516160
6	$\mathcal{O}(6; \{6^2, 3^{26}, 2^2\})$	194775187776823296
6	$\mathcal{O}(6; \{6^3, 2^{35}\})$	4353564672
6	$\mathcal{O}(6; \{6^3, 3^3, 2^{31}\})$	47889211392
6	$\mathcal{O}(6; \{6^3, 3^6, 2^{27}\})$	370052997120
6	$\mathcal{O}(6; \{6^3, 3^9, 2^{23}\})$	2973484670976
6	$\mathcal{O}(6; \{6^3, 3^{12}, 2^{19}\})$	23774816673792
6	$\mathcal{O}(6; \{6^3, 3^{15}, 2^{15}\})$	190211594084352
6	$\mathcal{O}(6; \{6^3, 3^{18}, 2^{11}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^3, 3^{21}, 2^7\})$	12173450596540416
6	$\mathcal{O}(6; \{6^3, 3^{24}, 2^3\})$	97387591711629312
6	$\mathcal{O}(6; \{6^4, 3, 2^{32}\})$	21767823360
6	$\mathcal{O}(6; \{6^4, 3^4, 2^{28}\})$	187203280896
6	$\mathcal{O}(6; \{6^4, 3^7, 2^{24}\})$	1484565553152
6	$\mathcal{O}(6; \{6^4, 3^{10}, 2^{20}\})$	11889585119232
6	$\mathcal{O}(6; \{6^4, 3^{13}, 2^{16}\})$	95103620259840
6	$\mathcal{O}(6; \{6^4, 3^{16}, 2^{12}\})$	760842022772736
6	$\mathcal{O}(6; \{6^4, 3^{19}, 2^8\})$	6086723121487872
6	$\mathcal{O}(6; \{6^4, 3^{22}, 2^4\})$	48693798032596992
6	$\mathcal{O}(6; \{6^4, 3^{25}\})$	389550371200081920
6	$\mathcal{O}(6; \{6^5, 3^2, 2^{29}\})$	91424858112
6	$\mathcal{O}(6; \{6^5, 3^5, 2^{25}\})$	744459558912
6	$\mathcal{O}(6; \{6^5, 3^8, 2^{21}\})$	5942615777280
6	$\mathcal{O}(6; \{6^5, 3^{11}, 2^{17}\})$	47553986912256

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{6^5, 3^{14}, 2^{13}\})$	380418834604032
6	$\mathcal{O}(6; \{6^5, 3^{17}, 2^9\})$	3043363737526272
6	$\mathcal{O}(6; \{6^5, 3^{20}, 2^5\})$	24346896839516160
6	$\mathcal{O}(6; \{6^5, 3^{23}, 2\})$	194775187776823296
6	$\mathcal{O}(6; \{6^6, 2^{30}\})$	47889211392
6	$\mathcal{O}(6; \{6^6, 3^3, 2^{26}\})$	370052997120
6	$\mathcal{O}(6; \{6^6, 3^6, 2^{22}\})$	2973484670976
6	$\mathcal{O}(6; \{6^6, 3^9, 2^{18}\})$	23774816673792
6	$\mathcal{O}(6; \{6^6, 3^{12}, 2^{14}\})$	190211594084352
6	$\mathcal{O}(6; \{6^6, 3^{15}, 2^{10}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^6, 3^{18}, 2^6\})$	12173450596540416
6	$\mathcal{O}(6; \{6^6, 3^{21}, 2^2\})$	97387591711629312
6	$\mathcal{O}(6; \{6^7, 3, 2^{27}\})$	187203280896
6	$\mathcal{O}(6; \{6^7, 3^4, 2^{23}\})$	1484565553152
6	$\mathcal{O}(6; \{6^7, 3^7, 2^{19}\})$	11889585119232
6	$\mathcal{O}(6; \{6^7, 3^{10}, 2^{15}\})$	95103620259840
6	$\mathcal{O}(6; \{6^7, 3^{13}, 2^{11}\})$	760842022772736
6	$\mathcal{O}(6; \{6^7, 3^{16}, 2^7\})$	6086723121487872
6	$\mathcal{O}(6; \{6^7, 3^{19}, 2^3\})$	48693798032596992
6	$\mathcal{O}(6; \{6^8, 3^2, 2^{24}\})$	744459558912
6	$\mathcal{O}(6; \{6^8, 3^5, 2^{20}\})$	5942615777280
6	$\mathcal{O}(6; \{6^8, 3^8, 2^{16}\})$	47553986912256
6	$\mathcal{O}(6; \{6^8, 3^{11}, 2^{12}\})$	380418834604032
6	$\mathcal{O}(6; \{6^8, 3^{14}, 2^8\})$	3043363737526272
6	$\mathcal{O}(6; \{6^8, 3^{17}, 2^4\})$	24346896839516160
6	$\mathcal{O}(6; \{6^8, 3^{20}\})$	194775187776823296
6	$\mathcal{O}(6; \{6^9, 2^{25}\})$	370052997120
6	$\mathcal{O}(6; \{6^9, 3^3, 2^{21}\})$	2973484670976
6	$\mathcal{O}(6; \{6^9, 3^6, 2^{17}\})$	23774816673792
6	$\mathcal{O}(6; \{6^9, 3^9, 2^{13}\})$	190211594084352
6	$\mathcal{O}(6; \{6^9, 3^{12}, 2^9\})$	1521679691980800
6	$\mathcal{O}(6; \{6^9, 3^{15}, 2^5\})$	12173450596540416
6	$\mathcal{O}(6; \{6^9, 3^{18}, 2\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{10}, 3, 2^{22}\})$	1484565553152
6	$\mathcal{O}(6; \{6^{10}, 3^4, 2^{18}\})$	11889585119232
6	$\mathcal{O}(6; \{6^{10}, 3^7, 2^{14}\})$	95103620259840
6	$\mathcal{O}(6; \{6^{10}, 3^{10}, 2^{10}\})$	760842022772736
6	$\mathcal{O}(6; \{6^{10}, 3^{13}, 2^6\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{10}, 3^{16}, 2^2\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{11}, 3^2, 2^{19}\})$	5942615777280
6	$\mathcal{O}(6; \{6^{11}, 3^5, 2^{15}\})$	47553986912256
6	$\mathcal{O}(6; \{6^{11}, 3^8, 2^{11}\})$	380418834604032
6	$\mathcal{O}(6; \{6^{11}, 3^{11}, 2^7\})$	3043363737526272

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{6^{11}, 3^{14}, 2^3\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{12}, 2^{20}\})$	2973484670976
6	$\mathcal{O}(6; \{6^{12}, 3^3, 2^{16}\})$	23774816673792
6	$\mathcal{O}(6; \{6^{12}, 3^6, 2^{12}\})$	190211594084352
6	$\mathcal{O}(6; \{6^{12}, 3^9, 2^8\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{12}, 3^{12}, 2^4\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{12}, 3^{15}\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{13}, 3, 2^{17}\})$	11889585119232
6	$\mathcal{O}(6; \{6^{13}, 3^4, 2^{13}\})$	95103620259840
6	$\mathcal{O}(6; \{6^{13}, 3^7, 2^9\})$	760842022772736
6	$\mathcal{O}(6; \{6^{13}, 3^{10}, 2^5\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{13}, 3^{13}, 2\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{14}, 3^2, 2^{14}\})$	47553986912256
6	$\mathcal{O}(6; \{6^{14}, 3^5, 2^{10}\})$	380418834604032
6	$\mathcal{O}(6; \{6^{14}, 3^8, 2^6\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{14}, 3^{11}, 2^2\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{15}, 2^{15}\})$	23774816673792
6	$\mathcal{O}(6; \{6^{15}, 3^3, 2^{11}\})$	190211594084352
6	$\mathcal{O}(6; \{6^{15}, 3^6, 2^7\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{15}, 3^9, 2^3\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{16}, 3, 2^{12}\})$	95103620259840
6	$\mathcal{O}(6; \{6^{16}, 3^4, 2^8\})$	760842022772736
6	$\mathcal{O}(6; \{6^{16}, 3^7, 2^4\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{16}, 3^{10}\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{17}, 3^2, 2^9\})$	380418834604032
6	$\mathcal{O}(6; \{6^{17}, 3^5, 2^5\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{17}, 3^8, 2\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{18}, 2^{10}\})$	190211594084352
6	$\mathcal{O}(6; \{6^{18}, 3^3, 2^6\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{18}, 3^6, 2^2\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{19}, 3, 2^7\})$	760842022772736
6	$\mathcal{O}(6; \{6^{19}, 3^4, 2^3\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{20}, 3^2, 2^4\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{20}, 3^5\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{21}, 2^5\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{21}, 3^3, 2\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{22}, 3, 2^2\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{24}\})$	12173450596540416
6	$\mathcal{O}(5; \{2^{44}\})$	60465152
6	$\mathcal{O}(5; \{3^3, 2^{40}\})$	120932352
6	$\mathcal{O}(5; \{3^6, 2^{36}\})$	1330255872
6	$\mathcal{O}(5; \{3^9, 2^{32}\})$	10279249920
6	$\mathcal{O}(5; \{3^{12}, 2^{28}\})$	82596796416

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{3^{15}, 2^{24}\})$	660411574272
6	$\mathcal{O}(5; \{3^{18}, 2^{20}\})$	5283655391232
6	$\mathcal{O}(5; \{3^{21}, 2^{16}\})$	42268880332800
6	$\mathcal{O}(5; \{3^{24}, 2^{12}\})$	338151405459456
6	$\mathcal{O}(5; \{3^{27}, 2^8\})$	2705210880878592
6	$\mathcal{O}(5; \{3^{30}, 2^4\})$	21641687409825792
6	$\mathcal{O}(5; \{3^{33}\})$	172964423233274310
6	$\mathcal{O}(5; \{6, 3, 2^{41}\})$	120932352
6	$\mathcal{O}(5; \{6, 3^4, 2^{37}\})$	604661760
6	$\mathcal{O}(5; \{6, 3^7, 2^{33}\})$	5200091136
6	$\mathcal{O}(5; \{6, 3^{10}, 2^{29}\})$	41237932032
6	$\mathcal{O}(5; \{6, 3^{13}, 2^{25}\})$	330266253312
6	$\mathcal{O}(5; \{6, 3^{16}, 2^{21}\})$	2641767229440
6	$\mathcal{O}(5; \{6, 3^{19}, 2^{17}\})$	21134500632576
6	$\mathcal{O}(5; \{6, 3^{22}, 2^{13}\})$	169075642263552
6	$\mathcal{O}(5; \{6, 3^{25}, 2^9\})$	1352605500905472
6	$\mathcal{O}(5; \{6, 3^{28}, 2^5\})$	10820843644446720
6	$\mathcal{O}(5; \{6, 3^{31}, 2\})$	86566749518370816
6	$\mathcal{O}(5; \{6^2, 3^2, 2^{38}\})$	362797056
6	$\mathcal{O}(5; \{6^2, 3^5, 2^{34}\})$	2539579392
6	$\mathcal{O}(5; \{6^2, 3^8, 2^{30}\})$	20679432192
6	$\mathcal{O}(5; \{6^2, 3^{11}, 2^{26}\})$	165072660480
6	$\mathcal{O}(5; \{6^2, 3^{14}, 2^{22}\})$	1320944080896
6	$\mathcal{O}(5; \{6^2, 3^{17}, 2^{18}\})$	10567189850112
6	$\mathcal{O}(5; \{6^2, 3^{20}, 2^{14}\})$	84537881597952
6	$\mathcal{O}(5; \{6^2, 3^{23}, 2^{10}\})$	676302689986560
6	$\mathcal{O}(5; \{6^2, 3^{26}, 2^6\})$	5410421882689536
6	$\mathcal{O}(5; \{6^2, 3^{29}, 2^2\})$	43283374698719232
6	$\mathcal{O}(5; \{6^3, 2^{39}\})$	120932352
6	$\mathcal{O}(5; \{6^3, 3^3, 2^{35}\})$	1330255872
6	$\mathcal{O}(5; \{6^3, 3^6, 2^{31}\})$	10279249920
6	$\mathcal{O}(5; \{6^3, 3^9, 2^{27}\})$	82596796416
6	$\mathcal{O}(5; \{6^3, 3^{12}, 2^{23}\})$	660411574272
6	$\mathcal{O}(5; \{6^3, 3^{15}, 2^{19}\})$	5283655391232
6	$\mathcal{O}(5; \{6^3, 3^{18}, 2^{15}\})$	42268880332800
6	$\mathcal{O}(5; \{6^3, 3^{21}, 2^{11}\})$	338151405459456
6	$\mathcal{O}(5; \{6^3, 3^{24}, 2^7\})$	2705210880878592
6	$\mathcal{O}(5; \{6^3, 3^{27}, 2^3\})$	21641687409825792
6	$\mathcal{O}(5; \{6^4, 3, 2^{36}\})$	604661760
6	$\mathcal{O}(5; \{6^4, 3^4, 2^{32}\})$	5200091136
6	$\mathcal{O}(5; \{6^4, 3^7, 2^{28}\})$	41237932032
6	$\mathcal{O}(5; \{6^4, 3^{10}, 2^{24}\})$	330266253312
6	$\mathcal{O}(5; \{6^4, 3^{13}, 2^{20}\})$	2641767229440

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6^4, 3^{16}, 2^{16}\})$	21134500632576
6	$\mathcal{O}(5; \{6^4, 3^{19}, 2^{12}\})$	169075642263552
6	$\mathcal{O}(5; \{6^4, 3^{22}, 2^8\})$	1352605500905472
6	$\mathcal{O}(5; \{6^4, 3^{25}, 2^4\})$	10820843644446720
6	$\mathcal{O}(5; \{6^4, 3^{28}\})$	86566749518370816
6	$\mathcal{O}(5; \{6^5, 3^2, 2^{33}\})$	2539579392
6	$\mathcal{O}(5; \{6^5, 3^5, 2^{29}\})$	20679432192
6	$\mathcal{O}(5; \{6^5, 3^8, 2^{25}\})$	165072660480
6	$\mathcal{O}(5; \{6^5, 3^{11}, 2^{21}\})$	1320944080896
6	$\mathcal{O}(5; \{6^5, 3^{14}, 2^{17}\})$	10567189850112
6	$\mathcal{O}(5; \{6^5, 3^{17}, 2^{13}\})$	84537881597952
6	$\mathcal{O}(5; \{6^5, 3^{20}, 2^9\})$	676302689986560
6	$\mathcal{O}(5; \{6^5, 3^{23}, 2^5\})$	5410421882689536
6	$\mathcal{O}(5; \{6^5, 3^{26}, 2\})$	43283374698719232
6	$\mathcal{O}(5; \{6^6, 2^{34}\})$	1330255872
6	$\mathcal{O}(5; \{6^6, 3^3, 2^{30}\})$	10279249920
6	$\mathcal{O}(5; \{6^6, 3^6, 2^{26}\})$	82596796416
6	$\mathcal{O}(5; \{6^6, 3^9, 2^{22}\})$	660411574272
6	$\mathcal{O}(5; \{6^6, 3^{12}, 2^{18}\})$	5283655391232
6	$\mathcal{O}(5; \{6^6, 3^{15}, 2^{14}\})$	42268880332800
6	$\mathcal{O}(5; \{6^6, 3^{18}, 2^{10}\})$	338151405459456
6	$\mathcal{O}(5; \{6^6, 3^{21}, 2^6\})$	2705210880878592
6	$\mathcal{O}(5; \{6^6, 3^{24}, 2^2\})$	21641687409825792
6	$\mathcal{O}(5; \{6^7, 3, 2^{31}\})$	5200091136
6	$\mathcal{O}(5; \{6^7, 3^4, 2^{27}\})$	41237932032
6	$\mathcal{O}(5; \{6^7, 3^7, 2^{23}\})$	330266253312
6	$\mathcal{O}(5; \{6^7, 3^{10}, 2^{19}\})$	2641767229440
6	$\mathcal{O}(5; \{6^7, 3^{13}, 2^{15}\})$	21134500632576
6	$\mathcal{O}(5; \{6^7, 3^{16}, 2^{11}\})$	169075642263552
6	$\mathcal{O}(5; \{6^7, 3^{19}, 2^7\})$	1352605500905472
6	$\mathcal{O}(5; \{6^7, 3^{22}, 2^3\})$	10820843644446720
6	$\mathcal{O}(5; \{6^8, 3^2, 2^{28}\})$	20679432192
6	$\mathcal{O}(5; \{6^8, 3^5, 2^{24}\})$	165072660480
6	$\mathcal{O}(5; \{6^8, 3^8, 2^{20}\})$	1320944080896
6	$\mathcal{O}(5; \{6^8, 3^{11}, 2^{16}\})$	10567189850112
6	$\mathcal{O}(5; \{6^8, 3^{14}, 2^{12}\})$	84537881597952
6	$\mathcal{O}(5; \{6^8, 3^{17}, 2^8\})$	676302689986560
6	$\mathcal{O}(5; \{6^8, 3^{20}, 2^4\})$	5410421882689536
6	$\mathcal{O}(5; \{6^8, 3^{23}\})$	43283374698719232
6	$\mathcal{O}(5; \{6^9, 2^{29}\})$	10279249920
6	$\mathcal{O}(5; \{6^9, 3^3, 2^{25}\})$	82596796416
6	$\mathcal{O}(5; \{6^9, 3^6, 2^{21}\})$	660411574272
6	$\mathcal{O}(5; \{6^9, 3^9, 2^{17}\})$	5283655391232

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6^9, 3^{12}, 2^{13}\})$	42268880332800
6	$\mathcal{O}(5; \{6^9, 3^{15}, 2^9\})$	338151405459456
6	$\mathcal{O}(5; \{6^9, 3^{18}, 2^5\})$	2705210880878592
6	$\mathcal{O}(5; \{6^9, 3^{21}, 2\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{10}, 3, 2^{26}\})$	41237932032
6	$\mathcal{O}(5; \{6^{10}, 3^4, 2^{22}\})$	330266253312
6	$\mathcal{O}(5; \{6^{10}, 3^7, 2^{18}\})$	2641767229440
6	$\mathcal{O}(5; \{6^{10}, 3^{10}, 2^{14}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{10}, 3^{13}, 2^{10}\})$	169075642263552
6	$\mathcal{O}(5; \{6^{10}, 3^{16}, 2^6\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{10}, 3^{19}, 2^2\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{11}, 3^2, 2^{23}\})$	165072660480
6	$\mathcal{O}(5; \{6^{11}, 3^5, 2^{19}\})$	1320944080896
6	$\mathcal{O}(5; \{6^{11}, 3^8, 2^{15}\})$	10567189850112
6	$\mathcal{O}(5; \{6^{11}, 3^{11}, 2^{11}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{11}, 3^{14}, 2^7\})$	676302689986560
6	$\mathcal{O}(5; \{6^{11}, 3^{17}, 2^3\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{12}, 2^{24}\})$	82596796416
6	$\mathcal{O}(5; \{6^{12}, 3^3, 2^{20}\})$	660411574272
6	$\mathcal{O}(5; \{6^{12}, 3^6, 2^{16}\})$	5283655391232
6	$\mathcal{O}(5; \{6^{12}, 3^9, 2^{12}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{12}, 3^{12}, 2^8\})$	338151405459456
6	$\mathcal{O}(5; \{6^{12}, 3^{15}, 2^4\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{12}, 3^{18}\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{13}, 3, 2^{21}\})$	330266253312
6	$\mathcal{O}(5; \{6^{13}, 3^4, 2^{17}\})$	2641767229440
6	$\mathcal{O}(5; \{6^{13}, 3^7, 2^{13}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{13}, 3^{10}, 2^9\})$	169075642263552
6	$\mathcal{O}(5; \{6^{13}, 3^{13}, 2^5\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{13}, 3^{16}, 2\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{14}, 3^2, 2^{18}\})$	1320944080896
6	$\mathcal{O}(5; \{6^{14}, 3^5, 2^{14}\})$	10567189850112
6	$\mathcal{O}(5; \{6^{14}, 3^8, 2^{10}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{14}, 3^{11}, 2^6\})$	676302689986560
6	$\mathcal{O}(5; \{6^{14}, 3^{14}, 2^2\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{15}, 2^{19}\})$	660411574272
6	$\mathcal{O}(5; \{6^{15}, 3^3, 2^{15}\})$	5283655391232
6	$\mathcal{O}(5; \{6^{15}, 3^6, 2^{11}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{15}, 3^9, 2^7\})$	338151405459456
6	$\mathcal{O}(5; \{6^{15}, 3^{12}, 2^3\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{16}, 3, 2^{16}\})$	2641767229440
6	$\mathcal{O}(5; \{6^{16}, 3^4, 2^{12}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{16}, 3^7, 2^8\})$	169075642263552

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6^{16}, 3^{10}, 2^4\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{16}, 3^{13}\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{17}, 3^2, 2^{13}\})$	10567189850112
6	$\mathcal{O}(5; \{6^{17}, 3^5, 2^9\})$	84537881597952
6	$\mathcal{O}(5; \{6^{17}, 3^8, 2^5\})$	676302689986560
6	$\mathcal{O}(5; \{6^{17}, 3^{11}, 2\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{18}, 2^{14}\})$	5283655391232
6	$\mathcal{O}(5; \{6^{18}, 3^3, 2^{10}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{18}, 3^6, 2^6\})$	338151405459456
6	$\mathcal{O}(5; \{6^{18}, 3^9, 2^2\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{19}, 3, 2^{11}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{19}, 3^4, 2^7\})$	169075642263552
6	$\mathcal{O}(5; \{6^{19}, 3^7, 2^3\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{20}, 3^2, 2^8\})$	84537881597952
6	$\mathcal{O}(5; \{6^{20}, 3^5, 2^4\})$	676302689986560
6	$\mathcal{O}(5; \{6^{20}, 3^8\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{21}, 2^9\})$	42268880332800
6	$\mathcal{O}(5; \{6^{21}, 3^3, 2^5\})$	338151405459456
6	$\mathcal{O}(5; \{6^{21}, 3^6, 2\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{22}, 3, 2^6\})$	169075642263552
6	$\mathcal{O}(5; \{6^{22}, 3^4, 2^2\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{23}, 3^2, 2^3\})$	676302689986560
6	$\mathcal{O}(5; \{6^{24}, 2^4\})$	338151405459456
6	$\mathcal{O}(5; \{6^{24}, 3^3\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{25}, 3, 2\})$	1352605500905472
6	$\mathcal{O}(4; \{2^{48}\})$	1679360
6	$\mathcal{O}(4; \{3^3, 2^{44}\})$	3359232
6	$\mathcal{O}(4; \{3^6, 2^{40}\})$	36951552
6	$\mathcal{O}(4; \{3^9, 2^{36}\})$	285534720
6	$\mathcal{O}(4; \{3^{12}, 2^{32}\})$	2294355456
6	$\mathcal{O}(4; \{3^{15}, 2^{28}\})$	18344765952
6	$\mathcal{O}(4; \{3^{18}, 2^{24}\})$	146768205312
6	$\mathcal{O}(4; \{3^{21}, 2^{20}\})$	1174135564800
6	$\mathcal{O}(4; \{3^{24}, 2^{16}\})$	9393094596096
6	$\mathcal{O}(4; \{3^{27}, 2^{12}\})$	75144746691072
6	$\mathcal{O}(4; \{3^{30}, 2^8\})$	601157983606272
6	$\mathcal{O}(4; \{3^{33}, 2^4\})$	4809263858772480
6	$\mathcal{O}(4; \{3^{36}\})$	38323821384631530
6	$\mathcal{O}(4; \{6, 3, 2^{45}\})$	3359232
6	$\mathcal{O}(4; \{6, 3^4, 2^{41}\})$	16796160
6	$\mathcal{O}(4; \{6, 3^7, 2^{37}\})$	144446976
6	$\mathcal{O}(4; \{6, 3^{10}, 2^{33}\})$	1145498112
6	$\mathcal{O}(4; \{6, 3^{13}, 2^{29}\})$	9174062592

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6, 3^{16}, 2^{25}\})$	73382423040
6	$\mathcal{O}(4; \{6, 3^{19}, 2^{21}\})$	587069462016
6	$\mathcal{O}(4; \{6, 3^{22}, 2^{17}\})$	4696545618432
6	$\mathcal{O}(4; \{6, 3^{25}, 2^{13}\})$	37572375025152
6	$\mathcal{O}(4; \{6, 3^{28}, 2^9\})$	300578990123520
6	$\mathcal{O}(4; \{6, 3^{31}, 2^5\})$	2404631931065856
6	$\mathcal{O}(4; \{6, 3^{34}, 2\})$	19237055438449152
6	$\mathcal{O}(4; \{6^2, 3^2, 2^{42}\})$	10077696
6	$\mathcal{O}(4; \{6^2, 3^5, 2^{38}\})$	70543872
6	$\mathcal{O}(4; \{6^2, 3^8, 2^{34}\})$	574428672
6	$\mathcal{O}(4; \{6^2, 3^{11}, 2^{30}\})$	4585351680
6	$\mathcal{O}(4; \{6^2, 3^{14}, 2^{26}\})$	36692891136
6	$\mathcal{O}(4; \{6^2, 3^{17}, 2^{22}\})$	293533051392
6	$\mathcal{O}(4; \{6^2, 3^{20}, 2^{18}\})$	2348274488832
6	$\mathcal{O}(4; \{6^2, 3^{23}, 2^{14}\})$	18786185832960
6	$\mathcal{O}(4; \{6^2, 3^{26}, 2^{10}\})$	150289496741376
6	$\mathcal{O}(4; \{6^2, 3^{29}, 2^6\})$	1202315963853312
6	$\mathcal{O}(4; \{6^2, 3^{32}, 2^2\})$	9618527720904192
6	$\mathcal{O}(4; \{6^3, 2^{43}\})$	3359232
6	$\mathcal{O}(4; \{6^3, 3^3, 2^{39}\})$	36951552
6	$\mathcal{O}(4; \{6^3, 3^6, 2^{35}\})$	285534720
6	$\mathcal{O}(4; \{6^3, 3^9, 2^{31}\})$	2294355456
6	$\mathcal{O}(4; \{6^3, 3^{12}, 2^{27}\})$	18344765952
6	$\mathcal{O}(4; \{6^3, 3^{15}, 2^{23}\})$	146768205312
6	$\mathcal{O}(4; \{6^3, 3^{18}, 2^{19}\})$	1174135564800
6	$\mathcal{O}(4; \{6^3, 3^{21}, 2^{15}\})$	9393094596096
6	$\mathcal{O}(4; \{6^3, 3^{24}, 2^{11}\})$	75144746691072
6	$\mathcal{O}(4; \{6^3, 3^{27}, 2^7\})$	601157983606272
6	$\mathcal{O}(4; \{6^3, 3^{30}, 2^3\})$	4809263858772480
6	$\mathcal{O}(4; \{6^4, 3, 2^{40}\})$	16796160
6	$\mathcal{O}(4; \{6^4, 3^4, 2^{36}\})$	144446976
6	$\mathcal{O}(4; \{6^4, 3^7, 2^{32}\})$	1145498112
6	$\mathcal{O}(4; \{6^4, 3^{10}, 2^{28}\})$	9174062592
6	$\mathcal{O}(4; \{6^4, 3^{13}, 2^{24}\})$	73382423040
6	$\mathcal{O}(4; \{6^4, 3^{16}, 2^{20}\})$	587069462016
6	$\mathcal{O}(4; \{6^4, 3^{19}, 2^{16}\})$	4696545618432
6	$\mathcal{O}(4; \{6^4, 3^{22}, 2^{12}\})$	37572375025152
6	$\mathcal{O}(4; \{6^4, 3^{25}, 2^8\})$	300578990123520
6	$\mathcal{O}(4; \{6^4, 3^{28}, 2^4\})$	2404631931065856
6	$\mathcal{O}(4; \{6^4, 3^{31}\})$	19237055438449152
6	$\mathcal{O}(4; \{6^5, 3^2, 2^{37}\})$	70543872
6	$\mathcal{O}(4; \{6^5, 3^5, 2^{33}\})$	574428672
6	$\mathcal{O}(4; \{6^5, 3^8, 2^{29}\})$	4585351680

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^5, 3^{11}, 2^{25}\})$	36692891136
6	$\mathcal{O}(4; \{6^5, 3^{14}, 2^{21}\})$	293533051392
6	$\mathcal{O}(4; \{6^5, 3^{17}, 2^{17}\})$	2348274488832
6	$\mathcal{O}(4; \{6^5, 3^{20}, 2^{13}\})$	18786185832960
6	$\mathcal{O}(4; \{6^5, 3^{23}, 2^9\})$	150289496741376
6	$\mathcal{O}(4; \{6^5, 3^{26}, 2^5\})$	1202315963853312
6	$\mathcal{O}(4; \{6^5, 3^{29}, 2\})$	9618527720904192
6	$\mathcal{O}(4; \{6^6, 2^{38}\})$	36951552
6	$\mathcal{O}(4; \{6^6, 3^3, 2^{34}\})$	285534720
6	$\mathcal{O}(4; \{6^6, 3^6, 2^{30}\})$	2294355456
6	$\mathcal{O}(4; \{6^6, 3^9, 2^{26}\})$	18344765952
6	$\mathcal{O}(4; \{6^6, 3^{12}, 2^{22}\})$	146768205312
6	$\mathcal{O}(4; \{6^6, 3^{15}, 2^{18}\})$	1174135564800
6	$\mathcal{O}(4; \{6^6, 3^{18}, 2^{14}\})$	9393094596096
6	$\mathcal{O}(4; \{6^6, 3^{21}, 2^{10}\})$	75144746691072
6	$\mathcal{O}(4; \{6^6, 3^{24}, 2^6\})$	601157983606272
6	$\mathcal{O}(4; \{6^6, 3^{27}, 2^2\})$	4809263858772480
6	$\mathcal{O}(4; \{6^7, 3, 2^{35}\})$	144446976
6	$\mathcal{O}(4; \{6^7, 3^4, 2^{31}\})$	1145498112
6	$\mathcal{O}(4; \{6^7, 3^7, 2^{27}\})$	9174062592
6	$\mathcal{O}(4; \{6^7, 3^{10}, 2^{23}\})$	73382423040
6	$\mathcal{O}(4; \{6^7, 3^{13}, 2^{19}\})$	587069462016
6	$\mathcal{O}(4; \{6^7, 3^{16}, 2^{15}\})$	4696545618432
6	$\mathcal{O}(4; \{6^7, 3^{19}, 2^{11}\})$	37572375025152
6	$\mathcal{O}(4; \{6^7, 3^{22}, 2^7\})$	300578990123520
6	$\mathcal{O}(4; \{6^7, 3^{25}, 2^3\})$	2404631931065856
6	$\mathcal{O}(4; \{6^8, 3^2, 2^{32}\})$	574428672
6	$\mathcal{O}(4; \{6^8, 3^5, 2^{28}\})$	4585351680
6	$\mathcal{O}(4; \{6^8, 3^8, 2^{24}\})$	36692891136
6	$\mathcal{O}(4; \{6^8, 3^{11}, 2^{20}\})$	293533051392
6	$\mathcal{O}(4; \{6^8, 3^{14}, 2^{16}\})$	2348274488832
6	$\mathcal{O}(4; \{6^8, 3^{17}, 2^{12}\})$	18786185832960
6	$\mathcal{O}(4; \{6^8, 3^{20}, 2^8\})$	150289496741376
6	$\mathcal{O}(4; \{6^8, 3^{23}, 2^4\})$	1202315963853312
6	$\mathcal{O}(4; \{6^8, 3^{26}\})$	9618527720904192
6	$\mathcal{O}(4; \{6^9, 2^{33}\})$	285534720
6	$\mathcal{O}(4; \{6^9, 3^3, 2^{29}\})$	2294355456
6	$\mathcal{O}(4; \{6^9, 3^6, 2^{25}\})$	18344765952
6	$\mathcal{O}(4; \{6^9, 3^9, 2^{21}\})$	146768205312
6	$\mathcal{O}(4; \{6^9, 3^{12}, 2^{17}\})$	1174135564800
6	$\mathcal{O}(4; \{6^9, 3^{15}, 2^{13}\})$	9393094596096
6	$\mathcal{O}(4; \{6^9, 3^{18}, 2^9\})$	75144746691072
6	$\mathcal{O}(4; \{6^9, 3^{21}, 2^5\})$	601157983606272

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^9, 3^{24}, 2\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{10}, 3, 2^{30}\})$	1145498112
6	$\mathcal{O}(4; \{6^{10}, 3^4, 2^{26}\})$	9174062592
6	$\mathcal{O}(4; \{6^{10}, 3^7, 2^{22}\})$	73382423040
6	$\mathcal{O}(4; \{6^{10}, 3^{10}, 2^{18}\})$	587069462016
6	$\mathcal{O}(4; \{6^{10}, 3^{13}, 2^{14}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{10}, 3^{16}, 2^{10}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{10}, 3^{19}, 2^6\})$	300578990123520
6	$\mathcal{O}(4; \{6^{10}, 3^{22}, 2^2\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{11}, 3^2, 2^{27}\})$	4585351680
6	$\mathcal{O}(4; \{6^{11}, 3^5, 2^{23}\})$	36692891136
6	$\mathcal{O}(4; \{6^{11}, 3^8, 2^{19}\})$	293533051392
6	$\mathcal{O}(4; \{6^{11}, 3^{11}, 2^{15}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{11}, 3^{14}, 2^{11}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{11}, 3^{17}, 2^7\})$	150289496741376
6	$\mathcal{O}(4; \{6^{11}, 3^{20}, 2^3\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{12}, 2^{28}\})$	2294355456
6	$\mathcal{O}(4; \{6^{12}, 3^3, 2^{24}\})$	18344765952
6	$\mathcal{O}(4; \{6^{12}, 3^6, 2^{20}\})$	146768205312
6	$\mathcal{O}(4; \{6^{12}, 3^9, 2^{16}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{12}, 3^{12}, 2^{12}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{12}, 3^{15}, 2^8\})$	75144746691072
6	$\mathcal{O}(4; \{6^{12}, 3^{18}, 2^4\})$	601157983606272
6	$\mathcal{O}(4; \{6^{12}, 3^{21}\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{13}, 3, 2^{25}\})$	9174062592
6	$\mathcal{O}(4; \{6^{13}, 3^4, 2^{21}\})$	73382423040
6	$\mathcal{O}(4; \{6^{13}, 3^7, 2^{17}\})$	587069462016
6	$\mathcal{O}(4; \{6^{13}, 3^{10}, 2^{13}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{13}, 3^{13}, 2^9\})$	37572375025152
6	$\mathcal{O}(4; \{6^{13}, 3^{16}, 2^5\})$	300578990123520
6	$\mathcal{O}(4; \{6^{13}, 3^{19}, 2\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{14}, 3^2, 2^{22}\})$	36692891136
6	$\mathcal{O}(4; \{6^{14}, 3^5, 2^{18}\})$	293533051392
6	$\mathcal{O}(4; \{6^{14}, 3^8, 2^{14}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{14}, 3^{11}, 2^{10}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{14}, 3^{14}, 2^6\})$	150289496741376
6	$\mathcal{O}(4; \{6^{14}, 3^{17}, 2^2\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{15}, 2^{23}\})$	18344765952
6	$\mathcal{O}(4; \{6^{15}, 3^3, 2^{19}\})$	146768205312
6	$\mathcal{O}(4; \{6^{15}, 3^6, 2^{15}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{15}, 3^9, 2^{11}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{15}, 3^{12}, 2^7\})$	75144746691072
6	$\mathcal{O}(4; \{6^{15}, 3^{15}, 2^3\})$	601157983606272

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^{16}, 3, 2^{20}\})$	73382423040
6	$\mathcal{O}(4; \{6^{16}, 3^4, 2^{16}\})$	587069462016
6	$\mathcal{O}(4; \{6^{16}, 3^7, 2^{12}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{16}, 3^{10}, 2^8\})$	37572375025152
6	$\mathcal{O}(4; \{6^{16}, 3^{13}, 2^4\})$	300578990123520
6	$\mathcal{O}(4; \{6^{16}, 3^{16}\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{17}, 3^2, 2^{17}\})$	293533051392
6	$\mathcal{O}(4; \{6^{17}, 3^5, 2^{13}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{17}, 3^8, 2^9\})$	18786185832960
6	$\mathcal{O}(4; \{6^{17}, 3^{11}, 2^5\})$	150289496741376
6	$\mathcal{O}(4; \{6^{17}, 3^{14}, 2\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{18}, 2^{18}\})$	146768205312
6	$\mathcal{O}(4; \{6^{18}, 3^3, 2^{14}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{18}, 3^6, 2^{10}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{18}, 3^9, 2^6\})$	75144746691072
6	$\mathcal{O}(4; \{6^{18}, 3^{12}, 2^2\})$	601157983606272
6	$\mathcal{O}(4; \{6^{19}, 3, 2^{15}\})$	587069462016
6	$\mathcal{O}(4; \{6^{19}, 3^4, 2^{11}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{19}, 3^7, 2^7\})$	37572375025152
6	$\mathcal{O}(4; \{6^{19}, 3^{10}, 2^3\})$	300578990123520
6	$\mathcal{O}(4; \{6^{20}, 3^2, 2^{12}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{20}, 3^5, 2^8\})$	18786185832960
6	$\mathcal{O}(4; \{6^{20}, 3^8, 2^4\})$	150289496741376
6	$\mathcal{O}(4; \{6^{20}, 3^{11}\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{21}, 2^{13}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{21}, 3^3, 2^9\})$	9393094596096
6	$\mathcal{O}(4; \{6^{21}, 3^6, 2^5\})$	75144746691072
6	$\mathcal{O}(4; \{6^{21}, 3^9, 2\})$	601157983606272
6	$\mathcal{O}(4; \{6^{22}, 3, 2^{10}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{22}, 3^4, 2^6\})$	37572375025152
6	$\mathcal{O}(4; \{6^{22}, 3^7, 2^2\})$	300578990123520
6	$\mathcal{O}(4; \{6^{23}, 3^2, 2^7\})$	18786185832960
6	$\mathcal{O}(4; \{6^{23}, 3^5, 2^3\})$	150289496741376
6	$\mathcal{O}(4; \{6^{24}, 2^8\})$	9393094596096
6	$\mathcal{O}(4; \{6^{24}, 3^3, 2^4\})$	75144746691072
6	$\mathcal{O}(4; \{6^{24}, 3^6\})$	601157983606272
6	$\mathcal{O}(4; \{6^{25}, 3, 2^5\})$	37572375025152
6	$\mathcal{O}(4; \{6^{25}, 3^4, 2\})$	300578990123520
6	$\mathcal{O}(4; \{6^{26}, 3^2, 2^2\})$	150289496741376
6	$\mathcal{O}(4; \{6^{27}, 2^3\})$	75144746691072
6	$\mathcal{O}(4; \{6^{28}, 3\})$	300578990123520
6	$\mathcal{O}(3; \{2^{52}\})$	46592
6	$\mathcal{O}(3; \{3^3, 2^{48}\})$	93312

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{3^6, 2^{44}\})$	1026432
6	$\mathcal{O}(3; \{3^9, 2^{40}\})$	7931520
6	$\mathcal{O}(3; \{3^{12}, 2^{36}\})$	63732096
6	$\mathcal{O}(3; \{3^{15}, 2^{32}\})$	509576832
6	$\mathcal{O}(3; \{3^{18}, 2^{28}\})$	4076894592
6	$\mathcal{O}(3; \{3^{21}, 2^{24}\})$	32614876800
6	$\mathcal{O}(3; \{3^{24}, 2^{20}\})$	260919294336
6	$\mathcal{O}(3; \{3^{27}, 2^{16}\})$	2087354074752
6	$\mathcal{O}(3; \{3^{30}, 2^{12}\})$	16698832877952
6	$\mathcal{O}(3; \{3^{33}, 2^8\})$	133590662743680
6	$\mathcal{O}(3; \{3^{36}, 2^4\})$	1068725302229376
6	$\mathcal{O}(3; \{3^{39}\})$	8416211754780774
6	$\mathcal{O}(3; \{6, 3, 2^{49}\})$	93312
6	$\mathcal{O}(3; \{6, 3^4, 2^{45}\})$	466560
6	$\mathcal{O}(3; \{6, 3^7, 2^{41}\})$	4012416
6	$\mathcal{O}(3; \{6, 3^{10}, 2^{37}\})$	31819392
6	$\mathcal{O}(3; \{6, 3^{13}, 2^{33}\})$	254835072
6	$\mathcal{O}(3; \{6, 3^{16}, 2^{29}\})$	2038400640
6	$\mathcal{O}(3; \{6, 3^{19}, 2^{25}\})$	16307485056
6	$\mathcal{O}(3; \{6, 3^{22}, 2^{21}\})$	130459600512
6	$\mathcal{O}(3; \{6, 3^{25}, 2^{17}\})$	1043677084032
6	$\mathcal{O}(3; \{6, 3^{28}, 2^{13}\})$	8349416392320
6	$\mathcal{O}(3; \{6, 3^{31}, 2^9\})$	66795331418496
6	$\mathcal{O}(3; \{6, 3^{34}, 2^5\})$	534362651068032
6	$\mathcal{O}(3; \{6, 3^{37}, 2\})$	4274901208824192
6	$\mathcal{O}(3; \{6^2, 3^2, 2^{46}\})$	279936
6	$\mathcal{O}(3; \{6^2, 3^5, 2^{42}\})$	1959552
6	$\mathcal{O}(3; \{6^2, 3^8, 2^{38}\})$	15956352
6	$\mathcal{O}(3; \{6^2, 3^{11}, 2^{34}\})$	127370880
6	$\mathcal{O}(3; \{6^2, 3^{14}, 2^{30}\})$	1019246976
6	$\mathcal{O}(3; \{6^2, 3^{17}, 2^{26}\})$	8153695872
6	$\mathcal{O}(3; \{6^2, 3^{20}, 2^{22}\})$	65229846912
6	$\mathcal{O}(3; \{6^2, 3^{23}, 2^{18}\})$	521838495360
6	$\mathcal{O}(3; \{6^2, 3^{26}, 2^{14}\})$	4174708242816
6	$\mathcal{O}(3; \{6^2, 3^{29}, 2^{10}\})$	33397665662592
6	$\mathcal{O}(3; \{6^2, 3^{32}, 2^6\})$	267181325580672
6	$\mathcal{O}(3; \{6^2, 3^{35}, 2^2\})$	2137450604365440
6	$\mathcal{O}(3; \{6^3, 2^{47}\})$	93312
6	$\mathcal{O}(3; \{6^3, 3^3, 2^{43}\})$	1026432
6	$\mathcal{O}(3; \{6^3, 3^6, 2^{39}\})$	7931520
6	$\mathcal{O}(3; \{6^3, 3^9, 2^{35}\})$	63732096
6	$\mathcal{O}(3; \{6^3, 3^{12}, 2^{31}\})$	509576832
6	$\mathcal{O}(3; \{6^3, 3^{15}, 2^{27}\})$	4076894592

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^3, 3^{18}, 2^{23}\})$	32614876800
6	$\mathcal{O}(3; \{6^3, 3^{21}, 2^{19}\})$	260919294336
6	$\mathcal{O}(3; \{6^3, 3^{24}, 2^{15}\})$	2087354074752
6	$\mathcal{O}(3; \{6^3, 3^{27}, 2^{11}\})$	16698832877952
6	$\mathcal{O}(3; \{6^3, 3^{30}, 2^7\})$	133590662743680
6	$\mathcal{O}(3; \{6^3, 3^{33}, 2^3\})$	1068725302229376
6	$\mathcal{O}(3; \{6^4, 3, 2^{44}\})$	466560
6	$\mathcal{O}(3; \{6^4, 3^4, 2^{40}\})$	4012416
6	$\mathcal{O}(3; \{6^4, 3^7, 2^{36}\})$	31819392
6	$\mathcal{O}(3; \{6^4, 3^{10}, 2^{32}\})$	254835072
6	$\mathcal{O}(3; \{6^4, 3^{13}, 2^{28}\})$	2038400640
6	$\mathcal{O}(3; \{6^4, 3^{16}, 2^{24}\})$	16307485056
6	$\mathcal{O}(3; \{6^4, 3^{19}, 2^{20}\})$	130459600512
6	$\mathcal{O}(3; \{6^4, 3^{22}, 2^{16}\})$	1043677084032
6	$\mathcal{O}(3; \{6^4, 3^{25}, 2^{12}\})$	8349416392320
6	$\mathcal{O}(3; \{6^4, 3^{28}, 2^8\})$	66795331418496
6	$\mathcal{O}(3; \{6^4, 3^{31}, 2^4\})$	534362651068032
6	$\mathcal{O}(3; \{6^4, 3^{34}\})$	4274901208824192
6	$\mathcal{O}(3; \{6^5, 3^2, 2^{41}\})$	1959552
6	$\mathcal{O}(3; \{6^5, 3^5, 2^{37}\})$	15956352
6	$\mathcal{O}(3; \{6^5, 3^8, 2^{33}\})$	127370880
6	$\mathcal{O}(3; \{6^5, 3^{11}, 2^{29}\})$	1019246976
6	$\mathcal{O}(3; \{6^5, 3^{14}, 2^{25}\})$	8153695872
6	$\mathcal{O}(3; \{6^5, 3^{17}, 2^{21}\})$	65229846912
6	$\mathcal{O}(3; \{6^5, 3^{20}, 2^{17}\})$	521838495360
6	$\mathcal{O}(3; \{6^5, 3^{23}, 2^{13}\})$	4174708242816
6	$\mathcal{O}(3; \{6^5, 3^{26}, 2^9\})$	33397665662592
6	$\mathcal{O}(3; \{6^5, 3^{29}, 2^5\})$	267181325580672
6	$\mathcal{O}(3; \{6^5, 3^{32}, 2\})$	2137450604365440
6	$\mathcal{O}(3; \{6^6, 2^{42}\})$	1026432
6	$\mathcal{O}(3; \{6^6, 3^3, 2^{38}\})$	7931520
6	$\mathcal{O}(3; \{6^6, 3^6, 2^{34}\})$	63732096
6	$\mathcal{O}(3; \{6^6, 3^9, 2^{30}\})$	509576832
6	$\mathcal{O}(3; \{6^6, 3^{12}, 2^{26}\})$	4076894592
6	$\mathcal{O}(3; \{6^6, 3^{15}, 2^{22}\})$	32614876800
6	$\mathcal{O}(3; \{6^6, 3^{18}, 2^{18}\})$	260919294336
6	$\mathcal{O}(3; \{6^6, 3^{21}, 2^{14}\})$	2087354074752
6	$\mathcal{O}(3; \{6^6, 3^{24}, 2^{10}\})$	16698832877952
6	$\mathcal{O}(3; \{6^6, 3^{27}, 2^6\})$	133590662743680
6	$\mathcal{O}(3; \{6^6, 3^{30}, 2^2\})$	1068725302229376
6	$\mathcal{O}(3; \{6^7, 3, 2^{39}\})$	4012416
6	$\mathcal{O}(3; \{6^7, 3^4, 2^{35}\})$	31819392
6	$\mathcal{O}(3; \{6^7, 3^7, 2^{31}\})$	254835072

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^7, 3^{10}, 2^{27}\})$	2038400640
6	$\mathcal{O}(3; \{6^7, 3^{13}, 2^{23}\})$	16307485056
6	$\mathcal{O}(3; \{6^7, 3^{16}, 2^{19}\})$	130459600512
6	$\mathcal{O}(3; \{6^7, 3^{19}, 2^{15}\})$	1043677084032
6	$\mathcal{O}(3; \{6^7, 3^{22}, 2^{11}\})$	8349416392320
6	$\mathcal{O}(3; \{6^7, 3^{25}, 2^7\})$	66795331418496
6	$\mathcal{O}(3; \{6^7, 3^{28}, 2^3\})$	534362651068032
6	$\mathcal{O}(3; \{6^8, 3^2, 2^{36}\})$	15956352
6	$\mathcal{O}(3; \{6^8, 3^5, 2^{32}\})$	127370880
6	$\mathcal{O}(3; \{6^8, 3^8, 2^{28}\})$	1019246976
6	$\mathcal{O}(3; \{6^8, 3^{11}, 2^{24}\})$	8153695872
6	$\mathcal{O}(3; \{6^8, 3^{14}, 2^{20}\})$	65229846912
6	$\mathcal{O}(3; \{6^8, 3^{17}, 2^{16}\})$	521838495360
6	$\mathcal{O}(3; \{6^8, 3^{20}, 2^{12}\})$	4174708242816
6	$\mathcal{O}(3; \{6^8, 3^{23}, 2^8\})$	33397665662592
6	$\mathcal{O}(3; \{6^8, 3^{26}, 2^4\})$	267181325580672
6	$\mathcal{O}(3; \{6^8, 3^{29}\})$	2137450604365440
6	$\mathcal{O}(3; \{6^9, 2^{37}\})$	7931520
6	$\mathcal{O}(3; \{6^9, 3^3, 2^{33}\})$	63732096
6	$\mathcal{O}(3; \{6^9, 3^6, 2^{29}\})$	509576832
6	$\mathcal{O}(3; \{6^9, 3^9, 2^{25}\})$	4076894592
6	$\mathcal{O}(3; \{6^9, 3^{12}, 2^{21}\})$	32614876800
6	$\mathcal{O}(3; \{6^9, 3^{15}, 2^{17}\})$	260919294336
6	$\mathcal{O}(3; \{6^9, 3^{18}, 2^{13}\})$	2087354074752
6	$\mathcal{O}(3; \{6^9, 3^{21}, 2^9\})$	16698832877952
6	$\mathcal{O}(3; \{6^9, 3^{24}, 2^5\})$	133590662743680
6	$\mathcal{O}(3; \{6^9, 3^{27}, 2\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{10}, 3, 2^{34}\})$	31819392
6	$\mathcal{O}(3; \{6^{10}, 3^4, 2^{30}\})$	254835072
6	$\mathcal{O}(3; \{6^{10}, 3^7, 2^{26}\})$	2038400640
6	$\mathcal{O}(3; \{6^{10}, 3^{10}, 2^{22}\})$	16307485056
6	$\mathcal{O}(3; \{6^{10}, 3^{13}, 2^{18}\})$	130459600512
6	$\mathcal{O}(3; \{6^{10}, 3^{16}, 2^{14}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{10}, 3^{19}, 2^{10}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{10}, 3^{22}, 2^6\})$	66795331418496
6	$\mathcal{O}(3; \{6^{10}, 3^{25}, 2^2\})$	534362651068032
6	$\mathcal{O}(3; \{6^{11}, 3^2, 2^{31}\})$	127370880
6	$\mathcal{O}(3; \{6^{11}, 3^5, 2^{27}\})$	1019246976
6	$\mathcal{O}(3; \{6^{11}, 3^8, 2^{23}\})$	8153695872
6	$\mathcal{O}(3; \{6^{11}, 3^{11}, 2^{19}\})$	65229846912
6	$\mathcal{O}(3; \{6^{11}, 3^{14}, 2^{15}\})$	521838495360
6	$\mathcal{O}(3; \{6^{11}, 3^{17}, 2^{11}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{11}, 3^{20}, 2^7\})$	33397665662592

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^{11}, 3^{23}, 2^3\})$	267181325580672
6	$\mathcal{O}(3; \{6^{12}, 2^{32}\})$	63732096
6	$\mathcal{O}(3; \{6^{12}, 3^3, 2^{28}\})$	509576832
6	$\mathcal{O}(3; \{6^{12}, 3^6, 2^{24}\})$	4076894592
6	$\mathcal{O}(3; \{6^{12}, 3^9, 2^{20}\})$	32614876800
6	$\mathcal{O}(3; \{6^{12}, 3^{12}, 2^{16}\})$	260919294336
6	$\mathcal{O}(3; \{6^{12}, 3^{15}, 2^{12}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{12}, 3^{18}, 2^8\})$	16698832877952
6	$\mathcal{O}(3; \{6^{12}, 3^{21}, 2^4\})$	133590662743680
6	$\mathcal{O}(3; \{6^{12}, 3^{24}\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{13}, 3, 2^{29}\})$	254835072
6	$\mathcal{O}(3; \{6^{13}, 3^4, 2^{25}\})$	2038400640
6	$\mathcal{O}(3; \{6^{13}, 3^7, 2^{21}\})$	16307485056
6	$\mathcal{O}(3; \{6^{13}, 3^{10}, 2^{17}\})$	130459600512
6	$\mathcal{O}(3; \{6^{13}, 3^{13}, 2^{13}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{13}, 3^{16}, 2^9\})$	8349416392320
6	$\mathcal{O}(3; \{6^{13}, 3^{19}, 2^5\})$	66795331418496
6	$\mathcal{O}(3; \{6^{13}, 3^{22}, 2\})$	534362651068032
6	$\mathcal{O}(3; \{6^{14}, 3^2, 2^{26}\})$	1019246976
6	$\mathcal{O}(3; \{6^{14}, 3^5, 2^{22}\})$	8153695872
6	$\mathcal{O}(3; \{6^{14}, 3^8, 2^{18}\})$	65229846912
6	$\mathcal{O}(3; \{6^{14}, 3^{11}, 2^{14}\})$	521838495360
6	$\mathcal{O}(3; \{6^{14}, 3^{14}, 2^{10}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{14}, 3^{17}, 2^6\})$	33397665662592
6	$\mathcal{O}(3; \{6^{14}, 3^{20}, 2^2\})$	267181325580672
6	$\mathcal{O}(3; \{6^{15}, 2^{27}\})$	509576832
6	$\mathcal{O}(3; \{6^{15}, 3^3, 2^{23}\})$	4076894592
6	$\mathcal{O}(3; \{6^{15}, 3^6, 2^{19}\})$	32614876800
6	$\mathcal{O}(3; \{6^{15}, 3^9, 2^{15}\})$	260919294336
6	$\mathcal{O}(3; \{6^{15}, 3^{12}, 2^{11}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{15}, 3^{15}, 2^7\})$	16698832877952
6	$\mathcal{O}(3; \{6^{15}, 3^{18}, 2^3\})$	133590662743680
6	$\mathcal{O}(3; \{6^{16}, 3, 2^{24}\})$	2038400640
6	$\mathcal{O}(3; \{6^{16}, 3^4, 2^{20}\})$	16307485056
6	$\mathcal{O}(3; \{6^{16}, 3^7, 2^{16}\})$	130459600512
6	$\mathcal{O}(3; \{6^{16}, 3^{10}, 2^{12}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{16}, 3^{13}, 2^8\})$	8349416392320
6	$\mathcal{O}(3; \{6^{16}, 3^{16}, 2^4\})$	66795331418496
6	$\mathcal{O}(3; \{6^{16}, 3^{19}\})$	534362651068032
6	$\mathcal{O}(3; \{6^{17}, 3^2, 2^{21}\})$	8153695872
6	$\mathcal{O}(3; \{6^{17}, 3^5, 2^{17}\})$	65229846912
6	$\mathcal{O}(3; \{6^{17}, 3^8, 2^{13}\})$	521838495360
6	$\mathcal{O}(3; \{6^{17}, 3^{11}, 2^9\})$	4174708242816

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^{17}, 3^{14}, 2^5\})$	33397665662592
6	$\mathcal{O}(3; \{6^{17}, 3^{17}, 2\})$	267181325580672
6	$\mathcal{O}(3; \{6^{18}, 2^{22}\})$	4076894592
6	$\mathcal{O}(3; \{6^{18}, 3^3, 2^{18}\})$	32614876800
6	$\mathcal{O}(3; \{6^{18}, 3^6, 2^{14}\})$	260919294336
6	$\mathcal{O}(3; \{6^{18}, 3^9, 2^{10}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{18}, 3^{12}, 2^6\})$	16698832877952
6	$\mathcal{O}(3; \{6^{18}, 3^{15}, 2^2\})$	133590662743680
6	$\mathcal{O}(3; \{6^{19}, 3, 2^{19}\})$	16307485056
6	$\mathcal{O}(3; \{6^{19}, 3^4, 2^{15}\})$	130459600512
6	$\mathcal{O}(3; \{6^{19}, 3^7, 2^{11}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{19}, 3^{10}, 2^7\})$	8349416392320
6	$\mathcal{O}(3; \{6^{19}, 3^{13}, 2^3\})$	66795331418496
6	$\mathcal{O}(3; \{6^{20}, 3^2, 2^{16}\})$	65229846912
6	$\mathcal{O}(3; \{6^{20}, 3^5, 2^{12}\})$	521838495360
6	$\mathcal{O}(3; \{6^{20}, 3^8, 2^8\})$	4174708242816
6	$\mathcal{O}(3; \{6^{20}, 3^{11}, 2^4\})$	33397665662592
6	$\mathcal{O}(3; \{6^{20}, 3^{14}\})$	267181325580672
6	$\mathcal{O}(3; \{6^{21}, 2^{17}\})$	32614876800
6	$\mathcal{O}(3; \{6^{21}, 3^3, 2^{13}\})$	260919294336
6	$\mathcal{O}(3; \{6^{21}, 3^6, 2^9\})$	2087354074752
6	$\mathcal{O}(3; \{6^{21}, 3^9, 2^5\})$	16698832877952
6	$\mathcal{O}(3; \{6^{21}, 3^{12}, 2\})$	133590662743680
6	$\mathcal{O}(3; \{6^{22}, 3, 2^{14}\})$	130459600512
6	$\mathcal{O}(3; \{6^{22}, 3^4, 2^{10}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{22}, 3^7, 2^6\})$	8349416392320
6	$\mathcal{O}(3; \{6^{22}, 3^{10}, 2^2\})$	66795331418496
6	$\mathcal{O}(3; \{6^{23}, 3^2, 2^{11}\})$	521838495360
6	$\mathcal{O}(3; \{6^{23}, 3^5, 2^7\})$	4174708242816
6	$\mathcal{O}(3; \{6^{23}, 3^8, 2^3\})$	33397665662592
6	$\mathcal{O}(3; \{6^{24}, 2^{12}\})$	260919294336
6	$\mathcal{O}(3; \{6^{24}, 3^3, 2^8\})$	2087354074752
6	$\mathcal{O}(3; \{6^{24}, 3^6, 2^4\})$	16698832877952
6	$\mathcal{O}(3; \{6^{24}, 3^9\})$	133590662743680
6	$\mathcal{O}(3; \{6^{25}, 3, 2^9\})$	1043677084032
6	$\mathcal{O}(3; \{6^{25}, 3^4, 2^5\})$	8349416392320
6	$\mathcal{O}(3; \{6^{25}, 3^7, 2\})$	66795331418496
6	$\mathcal{O}(3; \{6^{26}, 3^2, 2^6\})$	4174708242816
6	$\mathcal{O}(3; \{6^{26}, 3^5, 2^2\})$	33397665662592
6	$\mathcal{O}(3; \{6^{27}, 2^7\})$	2087354074752
6	$\mathcal{O}(3; \{6^{27}, 3^3, 2^3\})$	16698832877952
6	$\mathcal{O}(3; \{6^{28}, 3, 2^4\})$	8349416392320
6	$\mathcal{O}(3; \{6^{28}, 3^4\})$	66795331418496

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^{29}, 3^2, 2\})$	33397665662592
6	$\mathcal{O}(3; \{6^{30}, 2^2\})$	16698832877952
6	$\mathcal{O}(2; \{2^{56}\})$	1280
6	$\mathcal{O}(2; \{3^3, 2^{52}\})$	2592
6	$\mathcal{O}(2; \{3^6, 2^{48}\})$	28512
6	$\mathcal{O}(2; \{3^9, 2^{44}\})$	220320
6	$\mathcal{O}(2; \{3^{12}, 2^{40}\})$	1770336
6	$\mathcal{O}(2; \{3^{15}, 2^{36}\})$	14154912
6	$\mathcal{O}(2; \{3^{18}, 2^{32}\})$	113247072
6	$\mathcal{O}(2; \{3^{21}, 2^{28}\})$	905968800
6	$\mathcal{O}(2; \{3^{24}, 2^{24}\})$	7247758176
6	$\mathcal{O}(2; \{3^{27}, 2^{20}\})$	57982057632
6	$\mathcal{O}(2; \{3^{30}, 2^{16}\})$	463856468832
6	$\mathcal{O}(2; \{3^{33}, 2^{12}\})$	3710851742880
6	$\mathcal{O}(2; \{3^{36}, 2^8\})$	29686813950816
6	$\mathcal{O}(2; \{3^{39}, 2^4\})$	237494511598752
6	$\mathcal{O}(2; \{3^{42}\})$	1781208836997930
6	$\mathcal{O}(2; \{6, 3, 2^{53}\})$	2592
6	$\mathcal{O}(2; \{6, 3^4, 2^{49}\})$	12960
6	$\mathcal{O}(2; \{6, 3^7, 2^{45}\})$	111456
6	$\mathcal{O}(2; \{6, 3^{10}, 2^{41}\})$	883872
6	$\mathcal{O}(2; \{6, 3^{13}, 2^{37}\})$	7078752
6	$\mathcal{O}(2; \{6, 3^{16}, 2^{33}\})$	56622240
6	$\mathcal{O}(2; \{6, 3^{19}, 2^{29}\})$	452985696
6	$\mathcal{O}(2; \{6, 3^{22}, 2^{25}\})$	3623877792
6	$\mathcal{O}(2; \{6, 3^{25}, 2^{21}\})$	28991030112
6	$\mathcal{O}(2; \{6, 3^{28}, 2^{17}\})$	231928233120
6	$\mathcal{O}(2; \{6, 3^{31}, 2^{13}\})$	1855425872736
6	$\mathcal{O}(2; \{6, 3^{34}, 2^9\})$	14843406974112
6	$\mathcal{O}(2; \{6, 3^{37}, 2^5\})$	118747255800672
6	$\mathcal{O}(2; \{6, 3^{40}, 2\})$	949978046397600
6	$\mathcal{O}(2; \{6^2, 3^2, 2^{50}\})$	7776
6	$\mathcal{O}(2; \{6^2, 3^5, 2^{46}\})$	54432
6	$\mathcal{O}(2; \{6^2, 3^8, 2^{42}\})$	443232
6	$\mathcal{O}(2; \{6^2, 3^{11}, 2^{38}\})$	3538080
6	$\mathcal{O}(2; \{6^2, 3^{14}, 2^{34}\})$	28312416
6	$\mathcal{O}(2; \{6^2, 3^{17}, 2^{30}\})$	226491552
6	$\mathcal{O}(2; \{6^2, 3^{20}, 2^{26}\})$	1811940192
6	$\mathcal{O}(2; \{6^2, 3^{23}, 2^{22}\})$	14495513760
6	$\mathcal{O}(2; \{6^2, 3^{26}, 2^{18}\})$	115964117856
6	$\mathcal{O}(2; \{6^2, 3^{29}, 2^{14}\})$	927712935072
6	$\mathcal{O}(2; \{6^2, 3^{32}, 2^{10}\})$	7421703488352
6	$\mathcal{O}(2; \{6^2, 3^{35}, 2^6\})$	59373627899040

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^2, 3^{38}, 2^2\})$	474989023200096
6	$\mathcal{O}(2; \{6^3, 2^{51}\})$	2592
6	$\mathcal{O}(2; \{6^3, 3^3, 2^{47}\})$	28512
6	$\mathcal{O}(2; \{6^3, 3^6, 2^{43}\})$	220320
6	$\mathcal{O}(2; \{6^3, 3^9, 2^{39}\})$	1770336
6	$\mathcal{O}(2; \{6^3, 3^{12}, 2^{35}\})$	14154912
6	$\mathcal{O}(2; \{6^3, 3^{15}, 2^{31}\})$	113247072
6	$\mathcal{O}(2; \{6^3, 3^{18}, 2^{27}\})$	905968800
6	$\mathcal{O}(2; \{6^3, 3^{21}, 2^{23}\})$	7247758176
6	$\mathcal{O}(2; \{6^3, 3^{24}, 2^{19}\})$	57982057632
6	$\mathcal{O}(2; \{6^3, 3^{27}, 2^{15}\})$	463856468832
6	$\mathcal{O}(2; \{6^3, 3^{30}, 2^{11}\})$	3710851742880
6	$\mathcal{O}(2; \{6^3, 3^{33}, 2^7\})$	29686813950816
6	$\mathcal{O}(2; \{6^3, 3^{36}, 2^3\})$	237494511598752
6	$\mathcal{O}(2; \{6^4, 3, 2^{48}\})$	12960
6	$\mathcal{O}(2; \{6^4, 3^4, 2^{44}\})$	111456
6	$\mathcal{O}(2; \{6^4, 3^7, 2^{40}\})$	883872
6	$\mathcal{O}(2; \{6^4, 3^{10}, 2^{36}\})$	7078752
6	$\mathcal{O}(2; \{6^4, 3^{13}, 2^{32}\})$	56622240
6	$\mathcal{O}(2; \{6^4, 3^{16}, 2^{28}\})$	452985696
6	$\mathcal{O}(2; \{6^4, 3^{19}, 2^{24}\})$	3623877792
6	$\mathcal{O}(2; \{6^4, 3^{22}, 2^{20}\})$	28991030112
6	$\mathcal{O}(2; \{6^4, 3^{25}, 2^{16}\})$	231928233120
6	$\mathcal{O}(2; \{6^4, 3^{28}, 2^{12}\})$	1855425872736
6	$\mathcal{O}(2; \{6^4, 3^{31}, 2^8\})$	14843406974112
6	$\mathcal{O}(2; \{6^4, 3^{34}, 2^4\})$	118747255800672
6	$\mathcal{O}(2; \{6^4, 3^{37}\})$	949978046397600
6	$\mathcal{O}(2; \{6^5, 3^2, 2^{45}\})$	54432
6	$\mathcal{O}(2; \{6^5, 3^5, 2^{41}\})$	443232
6	$\mathcal{O}(2; \{6^5, 3^8, 2^{37}\})$	3538080
6	$\mathcal{O}(2; \{6^5, 3^{11}, 2^{33}\})$	28312416
6	$\mathcal{O}(2; \{6^5, 3^{14}, 2^{29}\})$	226491552
6	$\mathcal{O}(2; \{6^5, 3^{17}, 2^{25}\})$	1811940192
6	$\mathcal{O}(2; \{6^5, 3^{20}, 2^{21}\})$	14495513760
6	$\mathcal{O}(2; \{6^5, 3^{23}, 2^{17}\})$	115964117856
6	$\mathcal{O}(2; \{6^5, 3^{26}, 2^{13}\})$	927712935072
6	$\mathcal{O}(2; \{6^5, 3^{29}, 2^9\})$	7421703488352
6	$\mathcal{O}(2; \{6^5, 3^{32}, 2^5\})$	59373627899040
6	$\mathcal{O}(2; \{6^5, 3^{35}, 2\})$	474989023200096
6	$\mathcal{O}(2; \{6^6, 2^{46}\})$	28512
6	$\mathcal{O}(2; \{6^6, 3^3, 2^{42}\})$	220320
6	$\mathcal{O}(2; \{6^6, 3^6, 2^{38}\})$	1770336
6	$\mathcal{O}(2; \{6^6, 3^9, 2^{34}\})$	14154912

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^6, 3^{12}, 2^{30}\})$	113247072
6	$\mathcal{O}(2; \{6^6, 3^{15}, 2^{26}\})$	905968800
6	$\mathcal{O}(2; \{6^6, 3^{18}, 2^{22}\})$	7247758176
6	$\mathcal{O}(2; \{6^6, 3^{21}, 2^{18}\})$	57982057632
6	$\mathcal{O}(2; \{6^6, 3^{24}, 2^{14}\})$	463856468832
6	$\mathcal{O}(2; \{6^6, 3^{27}, 2^{10}\})$	3710851742880
6	$\mathcal{O}(2; \{6^6, 3^{30}, 2^6\})$	29686813950816
6	$\mathcal{O}(2; \{6^6, 3^{33}, 2^2\})$	237494511598752
6	$\mathcal{O}(2; \{6^7, 3, 2^{43}\})$	111456
6	$\mathcal{O}(2; \{6^7, 3^4, 2^{39}\})$	883872
6	$\mathcal{O}(2; \{6^7, 3^7, 2^{35}\})$	7078752
6	$\mathcal{O}(2; \{6^7, 3^{10}, 2^{31}\})$	56622240
6	$\mathcal{O}(2; \{6^7, 3^{13}, 2^{27}\})$	452985696
6	$\mathcal{O}(2; \{6^7, 3^{16}, 2^{23}\})$	3623877792
6	$\mathcal{O}(2; \{6^7, 3^{19}, 2^{19}\})$	28991030112
6	$\mathcal{O}(2; \{6^7, 3^{22}, 2^{15}\})$	231928233120
6	$\mathcal{O}(2; \{6^7, 3^{25}, 2^{11}\})$	1855425872736
6	$\mathcal{O}(2; \{6^7, 3^{28}, 2^7\})$	14843406974112
6	$\mathcal{O}(2; \{6^7, 3^{31}, 2^3\})$	118747255800672
6	$\mathcal{O}(2; \{6^8, 3^2, 2^{40}\})$	443232
6	$\mathcal{O}(2; \{6^8, 3^5, 2^{36}\})$	3538080
6	$\mathcal{O}(2; \{6^8, 3^8, 2^{32}\})$	28312416
6	$\mathcal{O}(2; \{6^8, 3^{11}, 2^{28}\})$	226491552
6	$\mathcal{O}(2; \{6^8, 3^{14}, 2^{24}\})$	1811940192
6	$\mathcal{O}(2; \{6^8, 3^{17}, 2^{20}\})$	14495513760
6	$\mathcal{O}(2; \{6^8, 3^{20}, 2^{16}\})$	115964117856
6	$\mathcal{O}(2; \{6^8, 3^{23}, 2^{12}\})$	927712935072
6	$\mathcal{O}(2; \{6^8, 3^{26}, 2^8\})$	7421703488352
6	$\mathcal{O}(2; \{6^8, 3^{29}, 2^4\})$	59373627899040
6	$\mathcal{O}(2; \{6^8, 3^{32}\})$	474989023200096
6	$\mathcal{O}(2; \{6^9, 2^{41}\})$	220320
6	$\mathcal{O}(2; \{6^9, 3^3, 2^{37}\})$	1770336
6	$\mathcal{O}(2; \{6^9, 3^6, 2^{33}\})$	14154912
6	$\mathcal{O}(2; \{6^9, 3^9, 2^{29}\})$	113247072
6	$\mathcal{O}(2; \{6^9, 3^{12}, 2^{25}\})$	905968800
6	$\mathcal{O}(2; \{6^9, 3^{15}, 2^{21}\})$	7247758176
6	$\mathcal{O}(2; \{6^9, 3^{18}, 2^{17}\})$	57982057632
6	$\mathcal{O}(2; \{6^9, 3^{21}, 2^{13}\})$	463856468832
6	$\mathcal{O}(2; \{6^9, 3^{24}, 2^9\})$	3710851742880
6	$\mathcal{O}(2; \{6^9, 3^{27}, 2^5\})$	29686813950816
6	$\mathcal{O}(2; \{6^9, 3^{30}, 2\})$	237494511598752
6	$\mathcal{O}(2; \{6^{10}, 3, 2^{38}\})$	883872
6	$\mathcal{O}(2; \{6^{10}, 3^4, 2^{34}\})$	7078752

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^{10}, 3^7, 2^{30}\})$	56622240
6	$\mathcal{O}(2; \{6^{10}, 3^{10}, 2^{26}\})$	452985696
6	$\mathcal{O}(2; \{6^{10}, 3^{13}, 2^{22}\})$	3623877792
6	$\mathcal{O}(2; \{6^{10}, 3^{16}, 2^{18}\})$	28991030112
6	$\mathcal{O}(2; \{6^{10}, 3^{19}, 2^{14}\})$	231928233120
6	$\mathcal{O}(2; \{6^{10}, 3^{22}, 2^{10}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{10}, 3^{25}, 2^6\})$	14843406974112
6	$\mathcal{O}(2; \{6^{10}, 3^{28}, 2^2\})$	118747255800672
6	$\mathcal{O}(2; \{6^{11}, 3^2, 2^{35}\})$	3538080
6	$\mathcal{O}(2; \{6^{11}, 3^5, 2^{31}\})$	28312416
6	$\mathcal{O}(2; \{6^{11}, 3^8, 2^{27}\})$	226491552
6	$\mathcal{O}(2; \{6^{11}, 3^{11}, 2^{23}\})$	1811940192
6	$\mathcal{O}(2; \{6^{11}, 3^{14}, 2^{19}\})$	14495513760
6	$\mathcal{O}(2; \{6^{11}, 3^{17}, 2^{15}\})$	115964117856
6	$\mathcal{O}(2; \{6^{11}, 3^{20}, 2^{11}\})$	927712935072
6	$\mathcal{O}(2; \{6^{11}, 3^{23}, 2^7\})$	7421703488352
6	$\mathcal{O}(2; \{6^{11}, 3^{26}, 2^3\})$	59373627899040
6	$\mathcal{O}(2; \{6^{12}, 2^{36}\})$	1770336
6	$\mathcal{O}(2; \{6^{12}, 3^3, 2^{32}\})$	14154912
6	$\mathcal{O}(2; \{6^{12}, 3^6, 2^{28}\})$	113247072
6	$\mathcal{O}(2; \{6^{12}, 3^9, 2^{24}\})$	905968800
6	$\mathcal{O}(2; \{6^{12}, 3^{12}, 2^{20}\})$	7247758176
6	$\mathcal{O}(2; \{6^{12}, 3^{15}, 2^{16}\})$	57982057632
6	$\mathcal{O}(2; \{6^{12}, 3^{18}, 2^{12}\})$	463856468832
6	$\mathcal{O}(2; \{6^{12}, 3^{21}, 2^8\})$	3710851742880
6	$\mathcal{O}(2; \{6^{12}, 3^{24}, 2^4\})$	29686813950816
6	$\mathcal{O}(2; \{6^{12}, 3^{27}\})$	237494511598752
6	$\mathcal{O}(2; \{6^{13}, 3, 2^{33}\})$	7078752
6	$\mathcal{O}(2; \{6^{13}, 3^4, 2^{29}\})$	56622240
6	$\mathcal{O}(2; \{6^{13}, 3^7, 2^{25}\})$	452985696
6	$\mathcal{O}(2; \{6^{13}, 3^{10}, 2^{21}\})$	3623877792
6	$\mathcal{O}(2; \{6^{13}, 3^{13}, 2^{17}\})$	28991030112
6	$\mathcal{O}(2; \{6^{13}, 3^{16}, 2^{13}\})$	231928233120
6	$\mathcal{O}(2; \{6^{13}, 3^{19}, 2^9\})$	1855425872736
6	$\mathcal{O}(2; \{6^{13}, 3^{22}, 2^5\})$	14843406974112
6	$\mathcal{O}(2; \{6^{13}, 3^{25}, 2\})$	118747255800672
6	$\mathcal{O}(2; \{6^{14}, 3^2, 2^{30}\})$	28312416
6	$\mathcal{O}(2; \{6^{14}, 3^5, 2^{26}\})$	226491552
6	$\mathcal{O}(2; \{6^{14}, 3^8, 2^{22}\})$	1811940192
6	$\mathcal{O}(2; \{6^{14}, 3^{11}, 2^{18}\})$	14495513760
6	$\mathcal{O}(2; \{6^{14}, 3^{14}, 2^{14}\})$	115964117856
6	$\mathcal{O}(2; \{6^{14}, 3^{17}, 2^{10}\})$	927712935072
6	$\mathcal{O}(2; \{6^{14}, 3^{20}, 2^6\})$	7421703488352

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^{14}, 3^{23}, 2^2\})$	59373627899040
6	$\mathcal{O}(2; \{6^{15}, 2^{31}\})$	14154912
6	$\mathcal{O}(2; \{6^{15}, 3^3, 2^{27}\})$	113247072
6	$\mathcal{O}(2; \{6^{15}, 3^6, 2^{23}\})$	905968800
6	$\mathcal{O}(2; \{6^{15}, 3^9, 2^{19}\})$	7247758176
6	$\mathcal{O}(2; \{6^{15}, 3^{12}, 2^{15}\})$	57982057632
6	$\mathcal{O}(2; \{6^{15}, 3^{15}, 2^{11}\})$	463856468832
6	$\mathcal{O}(2; \{6^{15}, 3^{18}, 2^7\})$	3710851742880
6	$\mathcal{O}(2; \{6^{15}, 3^{21}, 2^3\})$	29686813950816
6	$\mathcal{O}(2; \{6^{16}, 3, 2^{28}\})$	56622240
6	$\mathcal{O}(2; \{6^{16}, 3^4, 2^{24}\})$	452985696
6	$\mathcal{O}(2; \{6^{16}, 3^7, 2^{20}\})$	3623877792
6	$\mathcal{O}(2; \{6^{16}, 3^{10}, 2^{16}\})$	28991030112
6	$\mathcal{O}(2; \{6^{16}, 3^{13}, 2^{12}\})$	231928233120
6	$\mathcal{O}(2; \{6^{16}, 3^{16}, 2^8\})$	1855425872736
6	$\mathcal{O}(2; \{6^{16}, 3^{19}, 2^4\})$	14843406974112
6	$\mathcal{O}(2; \{6^{16}, 3^{22}\})$	118747255800672
6	$\mathcal{O}(2; \{6^{17}, 3^2, 2^{25}\})$	226491552
6	$\mathcal{O}(2; \{6^{17}, 3^5, 2^{21}\})$	1811940192
6	$\mathcal{O}(2; \{6^{17}, 3^8, 2^{17}\})$	14495513760
6	$\mathcal{O}(2; \{6^{17}, 3^{11}, 2^{13}\})$	115964117856
6	$\mathcal{O}(2; \{6^{17}, 3^{14}, 2^9\})$	927712935072
6	$\mathcal{O}(2; \{6^{17}, 3^{17}, 2^5\})$	7421703488352
6	$\mathcal{O}(2; \{6^{17}, 3^{20}, 2\})$	59373627899040
6	$\mathcal{O}(2; \{6^{18}, 2^{26}\})$	113247072
6	$\mathcal{O}(2; \{6^{18}, 3^3, 2^{22}\})$	905968800
6	$\mathcal{O}(2; \{6^{18}, 3^6, 2^{18}\})$	7247758176
6	$\mathcal{O}(2; \{6^{18}, 3^9, 2^{14}\})$	57982057632
6	$\mathcal{O}(2; \{6^{18}, 3^{12}, 2^{10}\})$	463856468832
6	$\mathcal{O}(2; \{6^{18}, 3^{15}, 2^6\})$	3710851742880
6	$\mathcal{O}(2; \{6^{18}, 3^{18}, 2^2\})$	29686813950816
6	$\mathcal{O}(2; \{6^{19}, 3, 2^{23}\})$	452985696
6	$\mathcal{O}(2; \{6^{19}, 3^4, 2^{19}\})$	3623877792
6	$\mathcal{O}(2; \{6^{19}, 3^7, 2^{15}\})$	28991030112
6	$\mathcal{O}(2; \{6^{19}, 3^{10}, 2^{11}\})$	231928233120
6	$\mathcal{O}(2; \{6^{19}, 3^{13}, 2^7\})$	1855425872736
6	$\mathcal{O}(2; \{6^{19}, 3^{16}, 2^3\})$	14843406974112
6	$\mathcal{O}(2; \{6^{20}, 3^2, 2^{20}\})$	1811940192
6	$\mathcal{O}(2; \{6^{20}, 3^5, 2^{16}\})$	14495513760
6	$\mathcal{O}(2; \{6^{20}, 3^8, 2^{12}\})$	115964117856
6	$\mathcal{O}(2; \{6^{20}, 3^{11}, 2^8\})$	927712935072
6	$\mathcal{O}(2; \{6^{20}, 3^{14}, 2^4\})$	7421703488352
6	$\mathcal{O}(2; \{6^{20}, 3^{17}\})$	59373627899040

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^{21}, 2^{21}\})$	905968800
6	$\mathcal{O}(2; \{6^{21}, 3^3, 2^{17}\})$	7247758176
6	$\mathcal{O}(2; \{6^{21}, 3^6, 2^{13}\})$	57982057632
6	$\mathcal{O}(2; \{6^{21}, 3^9, 2^9\})$	463856468832
6	$\mathcal{O}(2; \{6^{21}, 3^{12}, 2^5\})$	3710851742880
6	$\mathcal{O}(2; \{6^{21}, 3^{15}, 2\})$	29686813950816
6	$\mathcal{O}(2; \{6^{22}, 3, 2^{18}\})$	3623877792
6	$\mathcal{O}(2; \{6^{22}, 3^4, 2^{14}\})$	28991030112
6	$\mathcal{O}(2; \{6^{22}, 3^7, 2^{10}\})$	231928233120
6	$\mathcal{O}(2; \{6^{22}, 3^{10}, 2^6\})$	1855425872736
6	$\mathcal{O}(2; \{6^{22}, 3^{13}, 2^2\})$	14843406974112
6	$\mathcal{O}(2; \{6^{23}, 3^2, 2^{15}\})$	14495513760
6	$\mathcal{O}(2; \{6^{23}, 3^5, 2^{11}\})$	115964117856
6	$\mathcal{O}(2; \{6^{23}, 3^8, 2^7\})$	927712935072
6	$\mathcal{O}(2; \{6^{23}, 3^{11}, 2^3\})$	7421703488352
6	$\mathcal{O}(2; \{6^{24}, 2^{16}\})$	7247758176
6	$\mathcal{O}(2; \{6^{24}, 3^3, 2^{12}\})$	57982057632
6	$\mathcal{O}(2; \{6^{24}, 3^6, 2^8\})$	463856468832
6	$\mathcal{O}(2; \{6^{24}, 3^9, 2^4\})$	3710851742880
6	$\mathcal{O}(2; \{6^{24}, 3^{12}\})$	29686813950816
6	$\mathcal{O}(2; \{6^{25}, 3, 2^{13}\})$	28991030112
6	$\mathcal{O}(2; \{6^{25}, 3^4, 2^9\})$	231928233120
6	$\mathcal{O}(2; \{6^{25}, 3^7, 2^5\})$	1855425872736
6	$\mathcal{O}(2; \{6^{25}, 3^{10}, 2\})$	14843406974112
6	$\mathcal{O}(2; \{6^{26}, 3^2, 2^{10}\})$	115964117856
6	$\mathcal{O}(2; \{6^{26}, 3^5, 2^6\})$	927712935072
6	$\mathcal{O}(2; \{6^{26}, 3^8, 2^2\})$	7421703488352
6	$\mathcal{O}(2; \{6^{27}, 2^{11}\})$	57982057632
6	$\mathcal{O}(2; \{6^{27}, 3^3, 2^7\})$	463856468832
6	$\mathcal{O}(2; \{6^{27}, 3^6, 2^3\})$	3710851742880
6	$\mathcal{O}(2; \{6^{28}, 3, 2^8\})$	231928233120
6	$\mathcal{O}(2; \{6^{28}, 3^4, 2^4\})$	1855425872736
6	$\mathcal{O}(2; \{6^{28}, 3^7\})$	14843406974112
6	$\mathcal{O}(2; \{6^{29}, 3^2, 2^5\})$	927712935072
6	$\mathcal{O}(2; \{6^{29}, 3^5, 2\})$	7421703488352
6	$\mathcal{O}(2; \{6^{30}, 2^6\})$	463856468832
6	$\mathcal{O}(2; \{6^{30}, 3^3, 2^2\})$	3710851742880
6	$\mathcal{O}(2; \{6^{31}, 3, 2^3\})$	1855425872736
6	$\mathcal{O}(2; \{6^{32}, 3^2\})$	7421703488352
6	$\mathcal{O}(2; \{6^{33}, 2\})$	3710851742880
6	$\mathcal{O}(1; \{2^{60}\})$	32
6	$\mathcal{O}(1; \{3^3, 2^{56}\})$	72
6	$\mathcal{O}(1; \{3^6, 2^{52}\})$	792

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{3^9, 2^{48}\})$	6120
6	$\mathcal{O}(1; \{3^{12}, 2^{44}\})$	49176
6	$\mathcal{O}(1; \{3^{15}, 2^{40}\})$	393192
6	$\mathcal{O}(1; \{3^{18}, 2^{36}\})$	3145752
6	$\mathcal{O}(1; \{3^{21}, 2^{32}\})$	25165800
6	$\mathcal{O}(1; \{3^{24}, 2^{28}\})$	201326616
6	$\mathcal{O}(1; \{3^{27}, 2^{24}\})$	1610612712
6	$\mathcal{O}(1; \{3^{30}, 2^{20}\})$	12884901912
6	$\mathcal{O}(1; \{3^{33}, 2^{16}\})$	103079215080
6	$\mathcal{O}(1; \{3^{36}, 2^{12}\})$	824633720856
6	$\mathcal{O}(1; \{3^{39}, 2^8\})$	6597069766632
6	$\mathcal{O}(1; \{3^{42}, 2^4\})$	52776558133272
6	$\mathcal{O}(1; \{3^{45}\})$	316659348799470
6	$\mathcal{O}(1; \{6, 3, 2^{57}\})$	72
6	$\mathcal{O}(1; \{6, 3^4, 2^{53}\})$	360
6	$\mathcal{O}(1; \{6, 3^7, 2^{49}\})$	3096
6	$\mathcal{O}(1; \{6, 3^{10}, 2^{45}\})$	24552
6	$\mathcal{O}(1; \{6, 3^{13}, 2^{41}\})$	196632
6	$\mathcal{O}(1; \{6, 3^{16}, 2^{37}\})$	1572840
6	$\mathcal{O}(1; \{6, 3^{19}, 2^{33}\})$	12582936
6	$\mathcal{O}(1; \{6, 3^{22}, 2^{29}\})$	100663272
6	$\mathcal{O}(1; \{6, 3^{25}, 2^{25}\})$	805306392
6	$\mathcal{O}(1; \{6, 3^{28}, 2^{21}\})$	6442450920
6	$\mathcal{O}(1; \{6, 3^{31}, 2^{17}\})$	51539607576
6	$\mathcal{O}(1; \{6, 3^{34}, 2^{13}\})$	412316860392
6	$\mathcal{O}(1; \{6, 3^{37}, 2^9\})$	3298534883352
6	$\mathcal{O}(1; \{6, 3^{40}, 2^5\})$	26388279066600
6	$\mathcal{O}(1; \{6, 3^{43}, 2\})$	211106232533016
6	$\mathcal{O}(1; \{6^2, 3^2, 2^{54}\})$	216
6	$\mathcal{O}(1; \{6^2, 3^5, 2^{50}\})$	1512
6	$\mathcal{O}(1; \{6^2, 3^8, 2^{46}\})$	12312
6	$\mathcal{O}(1; \{6^2, 3^{11}, 2^{42}\})$	98280
6	$\mathcal{O}(1; \{6^2, 3^{14}, 2^{38}\})$	786456
6	$\mathcal{O}(1; \{6^2, 3^{17}, 2^{34}\})$	6291432
6	$\mathcal{O}(1; \{6^2, 3^{20}, 2^{30}\})$	50331672
6	$\mathcal{O}(1; \{6^2, 3^{23}, 2^{26}\})$	402653160
6	$\mathcal{O}(1; \{6^2, 3^{26}, 2^{22}\})$	3221225496
6	$\mathcal{O}(1; \{6^2, 3^{29}, 2^{18}\})$	25769803752
6	$\mathcal{O}(1; \{6^2, 3^{32}, 2^{14}\})$	206158430232
6	$\mathcal{O}(1; \{6^2, 3^{35}, 2^{10}\})$	1649267441640
6	$\mathcal{O}(1; \{6^2, 3^{38}, 2^6\})$	13194139533336
6	$\mathcal{O}(1; \{6^2, 3^{41}, 2^2\})$	105553116266472
6	$\mathcal{O}(1; \{6^3, 2^{55}\})$	72

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^3, 3^3, 2^{51}\})$	792
6	$\mathcal{O}(1; \{6^3, 3^6, 2^{47}\})$	6120
6	$\mathcal{O}(1; \{6^3, 3^9, 2^{43}\})$	49176
6	$\mathcal{O}(1; \{6^3, 3^{12}, 2^{39}\})$	393192
6	$\mathcal{O}(1; \{6^3, 3^{15}, 2^{35}\})$	3145752
6	$\mathcal{O}(1; \{6^3, 3^{18}, 2^{31}\})$	25165800
6	$\mathcal{O}(1; \{6^3, 3^{21}, 2^{27}\})$	201326616
6	$\mathcal{O}(1; \{6^3, 3^{24}, 2^{23}\})$	1610612712
6	$\mathcal{O}(1; \{6^3, 3^{27}, 2^{19}\})$	12884901912
6	$\mathcal{O}(1; \{6^3, 3^{30}, 2^{15}\})$	103079215080
6	$\mathcal{O}(1; \{6^3, 3^{33}, 2^{11}\})$	824633720856
6	$\mathcal{O}(1; \{6^3, 3^{36}, 2^7\})$	6597069766632
6	$\mathcal{O}(1; \{6^3, 3^{39}, 2^3\})$	52776558133272
6	$\mathcal{O}(1; \{6^4, 3, 2^{52}\})$	360
6	$\mathcal{O}(1; \{6^4, 3^4, 2^{48}\})$	3096
6	$\mathcal{O}(1; \{6^4, 3^7, 2^{44}\})$	24552
6	$\mathcal{O}(1; \{6^4, 3^{10}, 2^{40}\})$	196632
6	$\mathcal{O}(1; \{6^4, 3^{13}, 2^{36}\})$	1572840
6	$\mathcal{O}(1; \{6^4, 3^{16}, 2^{32}\})$	12582936
6	$\mathcal{O}(1; \{6^4, 3^{19}, 2^{28}\})$	100663272
6	$\mathcal{O}(1; \{6^4, 3^{22}, 2^{24}\})$	805306392
6	$\mathcal{O}(1; \{6^4, 3^{25}, 2^{20}\})$	6442450920
6	$\mathcal{O}(1; \{6^4, 3^{28}, 2^{16}\})$	51539607576
6	$\mathcal{O}(1; \{6^4, 3^{31}, 2^{12}\})$	412316860392
6	$\mathcal{O}(1; \{6^4, 3^{34}, 2^8\})$	3298534883352
6	$\mathcal{O}(1; \{6^4, 3^{37}, 2^4\})$	26388279066600
6	$\mathcal{O}(1; \{6^4, 3^{40}\})$	211106232533016
6	$\mathcal{O}(1; \{6^5, 3^2, 2^{49}\})$	1512
6	$\mathcal{O}(1; \{6^5, 3^5, 2^{45}\})$	12312
6	$\mathcal{O}(1; \{6^5, 3^8, 2^{41}\})$	98280
6	$\mathcal{O}(1; \{6^5, 3^{11}, 2^{37}\})$	786456
6	$\mathcal{O}(1; \{6^5, 3^{14}, 2^{33}\})$	6291432
6	$\mathcal{O}(1; \{6^5, 3^{17}, 2^{29}\})$	50331672
6	$\mathcal{O}(1; \{6^5, 3^{20}, 2^{25}\})$	402653160
6	$\mathcal{O}(1; \{6^5, 3^{23}, 2^{21}\})$	3221225496
6	$\mathcal{O}(1; \{6^5, 3^{26}, 2^{17}\})$	25769803752
6	$\mathcal{O}(1; \{6^5, 3^{29}, 2^{13}\})$	206158430232
6	$\mathcal{O}(1; \{6^5, 3^{32}, 2^9\})$	1649267441640
6	$\mathcal{O}(1; \{6^5, 3^{35}, 2^5\})$	13194139533336
6	$\mathcal{O}(1; \{6^5, 3^{38}, 2\})$	105553116266472
6	$\mathcal{O}(1; \{6^6, 2^{50}\})$	792
6	$\mathcal{O}(1; \{6^6, 3^3, 2^{46}\})$	6120
6	$\mathcal{O}(1; \{6^6, 3^6, 2^{42}\})$	49176

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^6, 3^9, 2^{38}\})$	393192
6	$\mathcal{O}(1; \{6^6, 3^{12}, 2^{34}\})$	3145752
6	$\mathcal{O}(1; \{6^6, 3^{15}, 2^{30}\})$	25165800
6	$\mathcal{O}(1; \{6^6, 3^{18}, 2^{26}\})$	201326616
6	$\mathcal{O}(1; \{6^6, 3^{21}, 2^{22}\})$	1610612712
6	$\mathcal{O}(1; \{6^6, 3^{24}, 2^{18}\})$	12884901912
6	$\mathcal{O}(1; \{6^6, 3^{27}, 2^{14}\})$	103079215080
6	$\mathcal{O}(1; \{6^6, 3^{30}, 2^{10}\})$	824633720856
6	$\mathcal{O}(1; \{6^6, 3^{33}, 2^6\})$	6597069766632
6	$\mathcal{O}(1; \{6^6, 3^{36}, 2^2\})$	52776558133272
6	$\mathcal{O}(1; \{6^7, 3, 2^{47}\})$	3096
6	$\mathcal{O}(1; \{6^7, 3^4, 2^{43}\})$	24552
6	$\mathcal{O}(1; \{6^7, 3^7, 2^{39}\})$	196632
6	$\mathcal{O}(1; \{6^7, 3^{10}, 2^{35}\})$	1572840
6	$\mathcal{O}(1; \{6^7, 3^{13}, 2^{31}\})$	12582936
6	$\mathcal{O}(1; \{6^7, 3^{16}, 2^{27}\})$	100663272
6	$\mathcal{O}(1; \{6^7, 3^{19}, 2^{23}\})$	805306392
6	$\mathcal{O}(1; \{6^7, 3^{22}, 2^{19}\})$	6442450920
6	$\mathcal{O}(1; \{6^7, 3^{25}, 2^{15}\})$	51539607576
6	$\mathcal{O}(1; \{6^7, 3^{28}, 2^{11}\})$	412316860392
6	$\mathcal{O}(1; \{6^7, 3^{31}, 2^7\})$	3298534883352
6	$\mathcal{O}(1; \{6^7, 3^{34}, 2^3\})$	26388279066600
6	$\mathcal{O}(1; \{6^8, 3^2, 2^{44}\})$	12312
6	$\mathcal{O}(1; \{6^8, 3^5, 2^{40}\})$	98280
6	$\mathcal{O}(1; \{6^8, 3^8, 2^{36}\})$	786456
6	$\mathcal{O}(1; \{6^8, 3^{11}, 2^{32}\})$	6291432
6	$\mathcal{O}(1; \{6^8, 3^{14}, 2^{28}\})$	50331672
6	$\mathcal{O}(1; \{6^8, 3^{17}, 2^{24}\})$	402653160
6	$\mathcal{O}(1; \{6^8, 3^{20}, 2^{20}\})$	3221225496
6	$\mathcal{O}(1; \{6^8, 3^{23}, 2^{16}\})$	25769803752
6	$\mathcal{O}(1; \{6^8, 3^{26}, 2^{12}\})$	206158430232
6	$\mathcal{O}(1; \{6^8, 3^{29}, 2^8\})$	1649267441640
6	$\mathcal{O}(1; \{6^8, 3^{32}, 2^4\})$	13194139533336
6	$\mathcal{O}(1; \{6^8, 3^{35}\})$	105553116266472
6	$\mathcal{O}(1; \{6^9, 2^{45}\})$	6120
6	$\mathcal{O}(1; \{6^9, 3^3, 2^{41}\})$	49176
6	$\mathcal{O}(1; \{6^9, 3^6, 2^{37}\})$	393192
6	$\mathcal{O}(1; \{6^9, 3^9, 2^{33}\})$	3145752
6	$\mathcal{O}(1; \{6^9, 3^{12}, 2^{29}\})$	25165800
6	$\mathcal{O}(1; \{6^9, 3^{15}, 2^{25}\})$	201326616
6	$\mathcal{O}(1; \{6^9, 3^{18}, 2^{21}\})$	1610612712
6	$\mathcal{O}(1; \{6^9, 3^{21}, 2^{17}\})$	12884901912
6	$\mathcal{O}(1; \{6^9, 3^{24}, 2^{13}\})$	103079215080

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^9, 3^{27}, 2^9\})$	824633720856
6	$\mathcal{O}(1; \{6^9, 3^{30}, 2^5\})$	6597069766632
6	$\mathcal{O}(1; \{6^9, 3^{33}, 2\})$	52776558133272
6	$\mathcal{O}(1; \{6^{10}, 3, 2^{42}\})$	24552
6	$\mathcal{O}(1; \{6^{10}, 3^4, 2^{38}\})$	196632
6	$\mathcal{O}(1; \{6^{10}, 3^7, 2^{34}\})$	1572840
6	$\mathcal{O}(1; \{6^{10}, 3^{10}, 2^{30}\})$	12582936
6	$\mathcal{O}(1; \{6^{10}, 3^{13}, 2^{26}\})$	100663272
6	$\mathcal{O}(1; \{6^{10}, 3^{16}, 2^{22}\})$	805306392
6	$\mathcal{O}(1; \{6^{10}, 3^{19}, 2^{18}\})$	6442450920
6	$\mathcal{O}(1; \{6^{10}, 3^{22}, 2^{14}\})$	51539607576
6	$\mathcal{O}(1; \{6^{10}, 3^{25}, 2^{10}\})$	412316860392
6	$\mathcal{O}(1; \{6^{10}, 3^{28}, 2^6\})$	3298534883352
6	$\mathcal{O}(1; \{6^{10}, 3^{31}, 2^2\})$	26388279066600
6	$\mathcal{O}(1; \{6^{11}, 3^2, 2^{39}\})$	98280
6	$\mathcal{O}(1; \{6^{11}, 3^5, 2^{35}\})$	786456
6	$\mathcal{O}(1; \{6^{11}, 3^8, 2^{31}\})$	6291432
6	$\mathcal{O}(1; \{6^{11}, 3^{11}, 2^{27}\})$	50331672
6	$\mathcal{O}(1; \{6^{11}, 3^{14}, 2^{23}\})$	402653160
6	$\mathcal{O}(1; \{6^{11}, 3^{17}, 2^{19}\})$	3221225496
6	$\mathcal{O}(1; \{6^{11}, 3^{20}, 2^{15}\})$	25769803752
6	$\mathcal{O}(1; \{6^{11}, 3^{23}, 2^{11}\})$	206158430232
6	$\mathcal{O}(1; \{6^{11}, 3^{26}, 2^7\})$	1649267441640
6	$\mathcal{O}(1; \{6^{11}, 3^{29}, 2^3\})$	13194139533336
6	$\mathcal{O}(1; \{6^{12}, 2^{40}\})$	49176
6	$\mathcal{O}(1; \{6^{12}, 3^3, 2^{36}\})$	393192
6	$\mathcal{O}(1; \{6^{12}, 3^6, 2^{32}\})$	3145752
6	$\mathcal{O}(1; \{6^{12}, 3^9, 2^{28}\})$	25165800
6	$\mathcal{O}(1; \{6^{12}, 3^{12}, 2^{24}\})$	201326616
6	$\mathcal{O}(1; \{6^{12}, 3^{15}, 2^{20}\})$	1610612712
6	$\mathcal{O}(1; \{6^{12}, 3^{18}, 2^{16}\})$	12884901912
6	$\mathcal{O}(1; \{6^{12}, 3^{21}, 2^{12}\})$	103079215080
6	$\mathcal{O}(1; \{6^{12}, 3^{24}, 2^8\})$	824633720856
6	$\mathcal{O}(1; \{6^{12}, 3^{27}, 2^4\})$	6597069766632
6	$\mathcal{O}(1; \{6^{12}, 3^{30}\})$	52776558133272
6	$\mathcal{O}(1; \{6^{13}, 3, 2^{37}\})$	196632
6	$\mathcal{O}(1; \{6^{13}, 3^4, 2^{33}\})$	1572840
6	$\mathcal{O}(1; \{6^{13}, 3^7, 2^{29}\})$	12582936
6	$\mathcal{O}(1; \{6^{13}, 3^{10}, 2^{25}\})$	100663272
6	$\mathcal{O}(1; \{6^{13}, 3^{13}, 2^{21}\})$	805306392
6	$\mathcal{O}(1; \{6^{13}, 3^{16}, 2^{17}\})$	6442450920
6	$\mathcal{O}(1; \{6^{13}, 3^{19}, 2^{13}\})$	51539607576
6	$\mathcal{O}(1; \{6^{13}, 3^{22}, 2^9\})$	412316860392

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{13}, 3^{25}, 2^5\})$	3298534883352
6	$\mathcal{O}(1; \{6^{13}, 3^{28}, 2\})$	26388279066600
6	$\mathcal{O}(1; \{6^{14}, 3^2, 2^{34}\})$	786456
6	$\mathcal{O}(1; \{6^{14}, 3^5, 2^{30}\})$	6291432
6	$\mathcal{O}(1; \{6^{14}, 3^8, 2^{26}\})$	50331672
6	$\mathcal{O}(1; \{6^{14}, 3^{11}, 2^{22}\})$	402653160
6	$\mathcal{O}(1; \{6^{14}, 3^{14}, 2^{18}\})$	3221225496
6	$\mathcal{O}(1; \{6^{14}, 3^{17}, 2^{14}\})$	25769803752
6	$\mathcal{O}(1; \{6^{14}, 3^{20}, 2^{10}\})$	206158430232
6	$\mathcal{O}(1; \{6^{14}, 3^{23}, 2^6\})$	1649267441640
6	$\mathcal{O}(1; \{6^{14}, 3^{26}, 2^2\})$	13194139533336
6	$\mathcal{O}(1; \{6^{15}, 2^{35}\})$	393192
6	$\mathcal{O}(1; \{6^{15}, 3^3, 2^{31}\})$	3145752
6	$\mathcal{O}(1; \{6^{15}, 3^6, 2^{27}\})$	25165800
6	$\mathcal{O}(1; \{6^{15}, 3^9, 2^{23}\})$	201326616
6	$\mathcal{O}(1; \{6^{15}, 3^{12}, 2^{19}\})$	1610612712
6	$\mathcal{O}(1; \{6^{15}, 3^{15}, 2^{15}\})$	12884901912
6	$\mathcal{O}(1; \{6^{15}, 3^{18}, 2^{11}\})$	103079215080
6	$\mathcal{O}(1; \{6^{15}, 3^{21}, 2^7\})$	824633720856
6	$\mathcal{O}(1; \{6^{15}, 3^{24}, 2^3\})$	6597069766632
6	$\mathcal{O}(1; \{6^{16}, 3, 2^{32}\})$	1572840
6	$\mathcal{O}(1; \{6^{16}, 3^4, 2^{28}\})$	12582936
6	$\mathcal{O}(1; \{6^{16}, 3^7, 2^{24}\})$	100663272
6	$\mathcal{O}(1; \{6^{16}, 3^{10}, 2^{20}\})$	805306392
6	$\mathcal{O}(1; \{6^{16}, 3^{13}, 2^{16}\})$	6442450920
6	$\mathcal{O}(1; \{6^{16}, 3^{16}, 2^{12}\})$	51539607576
6	$\mathcal{O}(1; \{6^{16}, 3^{19}, 2^8\})$	412316860392
6	$\mathcal{O}(1; \{6^{16}, 3^{22}, 2^4\})$	3298534883352
6	$\mathcal{O}(1; \{6^{16}, 3^{25}\})$	26388279066600
6	$\mathcal{O}(1; \{6^{17}, 3^2, 2^{29}\})$	6291432
6	$\mathcal{O}(1; \{6^{17}, 3^5, 2^{25}\})$	50331672
6	$\mathcal{O}(1; \{6^{17}, 3^8, 2^{21}\})$	402653160
6	$\mathcal{O}(1; \{6^{17}, 3^{11}, 2^{17}\})$	3221225496
6	$\mathcal{O}(1; \{6^{17}, 3^{14}, 2^{13}\})$	25769803752
6	$\mathcal{O}(1; \{6^{17}, 3^{17}, 2^9\})$	206158430232
6	$\mathcal{O}(1; \{6^{17}, 3^{20}, 2^5\})$	1649267441640
6	$\mathcal{O}(1; \{6^{17}, 3^{23}, 2\})$	13194139533336
6	$\mathcal{O}(1; \{6^{18}, 2^{30}\})$	3145752
6	$\mathcal{O}(1; \{6^{18}, 3^3, 2^{26}\})$	25165800
6	$\mathcal{O}(1; \{6^{18}, 3^6, 2^{22}\})$	201326616
6	$\mathcal{O}(1; \{6^{18}, 3^9, 2^{18}\})$	1610612712
6	$\mathcal{O}(1; \{6^{18}, 3^{12}, 2^{14}\})$	12884901912
6	$\mathcal{O}(1; \{6^{18}, 3^{15}, 2^{10}\})$	103079215080

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{18}, 3^{18}, 2^6\})$	824633720856
6	$\mathcal{O}(1; \{6^{18}, 3^{21}, 2^2\})$	6597069766632
6	$\mathcal{O}(1; \{6^{19}, 3, 2^{27}\})$	12582936
6	$\mathcal{O}(1; \{6^{19}, 3^4, 2^{23}\})$	100663272
6	$\mathcal{O}(1; \{6^{19}, 3^7, 2^{19}\})$	805306392
6	$\mathcal{O}(1; \{6^{19}, 3^{10}, 2^{15}\})$	6442450920
6	$\mathcal{O}(1; \{6^{19}, 3^{13}, 2^{11}\})$	51539607576
6	$\mathcal{O}(1; \{6^{19}, 3^{16}, 2^7\})$	412316860392
6	$\mathcal{O}(1; \{6^{19}, 3^{19}, 2^3\})$	3298534883352
6	$\mathcal{O}(1; \{6^{20}, 3^2, 2^{24}\})$	50331672
6	$\mathcal{O}(1; \{6^{20}, 3^5, 2^{20}\})$	402653160
6	$\mathcal{O}(1; \{6^{20}, 3^8, 2^{16}\})$	3221225496
6	$\mathcal{O}(1; \{6^{20}, 3^{11}, 2^{12}\})$	25769803752
6	$\mathcal{O}(1; \{6^{20}, 3^{14}, 2^8\})$	206158430232
6	$\mathcal{O}(1; \{6^{20}, 3^{17}, 2^4\})$	1649267441640
6	$\mathcal{O}(1; \{6^{20}, 3^{20}\})$	13194139533336
6	$\mathcal{O}(1; \{6^{21}, 2^{25}\})$	25165800
6	$\mathcal{O}(1; \{6^{21}, 3^3, 2^{21}\})$	201326616
6	$\mathcal{O}(1; \{6^{21}, 3^6, 2^{17}\})$	1610612712
6	$\mathcal{O}(1; \{6^{21}, 3^9, 2^{13}\})$	12884901912
6	$\mathcal{O}(1; \{6^{21}, 3^{12}, 2^9\})$	103079215080
6	$\mathcal{O}(1; \{6^{21}, 3^{15}, 2^5\})$	824633720856
6	$\mathcal{O}(1; \{6^{21}, 3^{18}, 2\})$	6597069766632
6	$\mathcal{O}(1; \{6^{22}, 3, 2^{22}\})$	100663272
6	$\mathcal{O}(1; \{6^{22}, 3^4, 2^{18}\})$	805306392
6	$\mathcal{O}(1; \{6^{22}, 3^7, 2^{14}\})$	6442450920
6	$\mathcal{O}(1; \{6^{22}, 3^{10}, 2^{10}\})$	51539607576
6	$\mathcal{O}(1; \{6^{22}, 3^{13}, 2^6\})$	412316860392
6	$\mathcal{O}(1; \{6^{22}, 3^{16}, 2^2\})$	3298534883352
6	$\mathcal{O}(1; \{6^{23}, 3^2, 2^{19}\})$	402653160
6	$\mathcal{O}(1; \{6^{23}, 3^5, 2^{15}\})$	3221225496
6	$\mathcal{O}(1; \{6^{23}, 3^8, 2^{11}\})$	25769803752
6	$\mathcal{O}(1; \{6^{23}, 3^{11}, 2^7\})$	206158430232
6	$\mathcal{O}(1; \{6^{23}, 3^{14}, 2^3\})$	1649267441640
6	$\mathcal{O}(1; \{6^{24}, 2^{20}\})$	201326616
6	$\mathcal{O}(1; \{6^{24}, 3^3, 2^{16}\})$	1610612712
6	$\mathcal{O}(1; \{6^{24}, 3^6, 2^{12}\})$	12884901912
6	$\mathcal{O}(1; \{6^{24}, 3^9, 2^8\})$	103079215080
6	$\mathcal{O}(1; \{6^{24}, 3^{12}, 2^4\})$	824633720856
6	$\mathcal{O}(1; \{6^{24}, 3^{15}\})$	6597069766632
6	$\mathcal{O}(1; \{6^{25}, 3, 2^{17}\})$	805306392
6	$\mathcal{O}(1; \{6^{25}, 3^4, 2^{13}\})$	6442450920
6	$\mathcal{O}(1; \{6^{25}, 3^7, 2^9\})$	51539607576

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{25}, 3^{10}, 2^5\})$	412316860392
6	$\mathcal{O}(1; \{6^{25}, 3^{13}, 2\})$	3298534883352
6	$\mathcal{O}(1; \{6^{26}, 3^2, 2^{14}\})$	3221225496
6	$\mathcal{O}(1; \{6^{26}, 3^5, 2^{10}\})$	25769803752
6	$\mathcal{O}(1; \{6^{26}, 3^8, 2^6\})$	206158430232
6	$\mathcal{O}(1; \{6^{26}, 3^{11}, 2^2\})$	1649267441640
6	$\mathcal{O}(1; \{6^{27}, 2^{15}\})$	1610612712
6	$\mathcal{O}(1; \{6^{27}, 3^3, 2^{11}\})$	12884901912
6	$\mathcal{O}(1; \{6^{27}, 3^6, 2^7\})$	103079215080
6	$\mathcal{O}(1; \{6^{27}, 3^9, 2^3\})$	824633720856
6	$\mathcal{O}(1; \{6^{28}, 3, 2^{12}\})$	6442450920
6	$\mathcal{O}(1; \{6^{28}, 3^4, 2^8\})$	51539607576
6	$\mathcal{O}(1; \{6^{28}, 3^7, 2^4\})$	412316860392
6	$\mathcal{O}(1; \{6^{28}, 3^{10}\})$	3298534883352
6	$\mathcal{O}(1; \{6^{29}, 3^2, 2^9\})$	25769803752
6	$\mathcal{O}(1; \{6^{29}, 3^5, 2^5\})$	206158430232
6	$\mathcal{O}(1; \{6^{29}, 3^8, 2\})$	1649267441640
6	$\mathcal{O}(1; \{6^{30}, 2^{10}\})$	12884901912
6	$\mathcal{O}(1; \{6^{30}, 3^3, 2^6\})$	103079215080
6	$\mathcal{O}(1; \{6^{30}, 3^6, 2^2\})$	824633720856
6	$\mathcal{O}(1; \{6^{31}, 3, 2^7\})$	51539607576
6	$\mathcal{O}(1; \{6^{31}, 3^4, 2^3\})$	412316860392
6	$\mathcal{O}(1; \{6^{32}, 3^2, 2^4\})$	206158430232
6	$\mathcal{O}(1; \{6^{32}, 3^5\})$	1649267441640
6	$\mathcal{O}(1; \{6^{33}, 2^5\})$	103079215080
6	$\mathcal{O}(1; \{6^{33}, 3^3, 2\})$	824633720856
6	$\mathcal{O}(1; \{6^{34}, 3, 2^2\})$	412316860392
6	$\mathcal{O}(1; \{6^{36}\})$	824633720856
6	$\mathcal{O}(0; \{3^3, 2^{60}\})$	2
6	$\mathcal{O}(0; \{3^6, 2^{56}\})$	22
6	$\mathcal{O}(0; \{3^9, 2^{52}\})$	170
6	$\mathcal{O}(0; \{3^{12}, 2^{48}\})$	1366
6	$\mathcal{O}(0; \{3^{15}, 2^{44}\})$	10922
6	$\mathcal{O}(0; \{3^{18}, 2^{40}\})$	87382
6	$\mathcal{O}(0; \{3^{21}, 2^{36}\})$	699050
6	$\mathcal{O}(0; \{3^{24}, 2^{32}\})$	5592406
6	$\mathcal{O}(0; \{3^{27}, 2^{28}\})$	44739242
6	$\mathcal{O}(0; \{3^{30}, 2^{24}\})$	357913942
6	$\mathcal{O}(0; \{3^{33}, 2^{20}\})$	2863311530
6	$\mathcal{O}(0; \{3^{36}, 2^{16}\})$	22906492246
6	$\mathcal{O}(0; \{3^{39}, 2^{12}\})$	183251937962
6	$\mathcal{O}(0; \{3^{42}, 2^8\})$	1466015503702
6	$\mathcal{O}(0; \{3^{45}, 2^4\})$	11728124029610

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6, 3, 2^{61}\})$	2
6	$\mathcal{O}(0; \{6, 3^4, 2^{57}\})$	10
6	$\mathcal{O}(0; \{6, 3^7, 2^{53}\})$	86
6	$\mathcal{O}(0; \{6, 3^{10}, 2^{49}\})$	682
6	$\mathcal{O}(0; \{6, 3^{13}, 2^{45}\})$	5462
6	$\mathcal{O}(0; \{6, 3^{16}, 2^{41}\})$	43690
6	$\mathcal{O}(0; \{6, 3^{19}, 2^{37}\})$	349526
6	$\mathcal{O}(0; \{6, 3^{22}, 2^{33}\})$	2796202
6	$\mathcal{O}(0; \{6, 3^{25}, 2^{29}\})$	22369622
6	$\mathcal{O}(0; \{6, 3^{28}, 2^{25}\})$	178956970
6	$\mathcal{O}(0; \{6, 3^{31}, 2^{21}\})$	1431655766
6	$\mathcal{O}(0; \{6, 3^{34}, 2^{17}\})$	11453246122
6	$\mathcal{O}(0; \{6, 3^{37}, 2^{13}\})$	91625968982
6	$\mathcal{O}(0; \{6, 3^{40}, 2^9\})$	733007751850
6	$\mathcal{O}(0; \{6, 3^{43}, 2^5\})$	5864062014806
6	$\mathcal{O}(0; \{6, 3^{46}, 2\})$	46912496118442
6	$\mathcal{O}(0; \{6^2, 3^2, 2^{58}\})$	6
6	$\mathcal{O}(0; \{6^2, 3^5, 2^{54}\})$	42
6	$\mathcal{O}(0; \{6^2, 3^8, 2^{50}\})$	342
6	$\mathcal{O}(0; \{6^2, 3^{11}, 2^{46}\})$	2730
6	$\mathcal{O}(0; \{6^2, 3^{14}, 2^{42}\})$	21846
6	$\mathcal{O}(0; \{6^2, 3^{17}, 2^{38}\})$	174762
6	$\mathcal{O}(0; \{6^2, 3^{20}, 2^{34}\})$	1398102
6	$\mathcal{O}(0; \{6^2, 3^{23}, 2^{30}\})$	11184810
6	$\mathcal{O}(0; \{6^2, 3^{26}, 2^{26}\})$	89478486
6	$\mathcal{O}(0; \{6^2, 3^{29}, 2^{22}\})$	715827882
6	$\mathcal{O}(0; \{6^2, 3^{32}, 2^{18}\})$	5726623062
6	$\mathcal{O}(0; \{6^2, 3^{35}, 2^{14}\})$	45812984490
6	$\mathcal{O}(0; \{6^2, 3^{38}, 2^{10}\})$	366503875926
6	$\mathcal{O}(0; \{6^2, 3^{41}, 2^6\})$	2932031007402
6	$\mathcal{O}(0; \{6^2, 3^{44}, 2^2\})$	23456248059222
6	$\mathcal{O}(0; \{6^3, 2^{59}\})$	2
6	$\mathcal{O}(0; \{6^3, 3^3, 2^{55}\})$	22
6	$\mathcal{O}(0; \{6^3, 3^6, 2^{51}\})$	170
6	$\mathcal{O}(0; \{6^3, 3^9, 2^{47}\})$	1366
6	$\mathcal{O}(0; \{6^3, 3^{12}, 2^{43}\})$	10922
6	$\mathcal{O}(0; \{6^3, 3^{15}, 2^{39}\})$	87382
6	$\mathcal{O}(0; \{6^3, 3^{18}, 2^{35}\})$	699050
6	$\mathcal{O}(0; \{6^3, 3^{21}, 2^{31}\})$	5592406
6	$\mathcal{O}(0; \{6^3, 3^{24}, 2^{27}\})$	44739242
6	$\mathcal{O}(0; \{6^3, 3^{27}, 2^{23}\})$	357913942
6	$\mathcal{O}(0; \{6^3, 3^{30}, 2^{19}\})$	2863311530
6	$\mathcal{O}(0; \{6^3, 3^{33}, 2^{15}\})$	22906492246

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^3, 3^{36}, 2^{11}\})$	183251937962
6	$\mathcal{O}(0; \{6^3, 3^{39}, 2^7\})$	1466015503702
6	$\mathcal{O}(0; \{6^3, 3^{42}, 2^3\})$	11728124029610
6	$\mathcal{O}(0; \{6^4, 3, 2^{56}\})$	10
6	$\mathcal{O}(0; \{6^4, 3^4, 2^{52}\})$	86
6	$\mathcal{O}(0; \{6^4, 3^7, 2^{48}\})$	682
6	$\mathcal{O}(0; \{6^4, 3^{10}, 2^{44}\})$	5462
6	$\mathcal{O}(0; \{6^4, 3^{13}, 2^{40}\})$	43690
6	$\mathcal{O}(0; \{6^4, 3^{16}, 2^{36}\})$	349526
6	$\mathcal{O}(0; \{6^4, 3^{19}, 2^{32}\})$	2796202
6	$\mathcal{O}(0; \{6^4, 3^{22}, 2^{28}\})$	22369622
6	$\mathcal{O}(0; \{6^4, 3^{25}, 2^{24}\})$	178956970
6	$\mathcal{O}(0; \{6^4, 3^{28}, 2^{20}\})$	1431655766
6	$\mathcal{O}(0; \{6^4, 3^{31}, 2^{16}\})$	11453246122
6	$\mathcal{O}(0; \{6^4, 3^{34}, 2^{12}\})$	91625968982
6	$\mathcal{O}(0; \{6^4, 3^{37}, 2^8\})$	733007751850
6	$\mathcal{O}(0; \{6^4, 3^{40}, 2^4\})$	5864062014806
6	$\mathcal{O}(0; \{6^4, 3^{43}\})$	46912496118442
6	$\mathcal{O}(0; \{6^5, 3^2, 2^{53}\})$	42
6	$\mathcal{O}(0; \{6^5, 3^5, 2^{49}\})$	342
6	$\mathcal{O}(0; \{6^5, 3^8, 2^{45}\})$	2730
6	$\mathcal{O}(0; \{6^5, 3^{11}, 2^{41}\})$	21846
6	$\mathcal{O}(0; \{6^5, 3^{14}, 2^{37}\})$	174762
6	$\mathcal{O}(0; \{6^5, 3^{17}, 2^{33}\})$	1398102
6	$\mathcal{O}(0; \{6^5, 3^{20}, 2^{29}\})$	11184810
6	$\mathcal{O}(0; \{6^5, 3^{23}, 2^{25}\})$	89478486
6	$\mathcal{O}(0; \{6^5, 3^{26}, 2^{21}\})$	715827882
6	$\mathcal{O}(0; \{6^5, 3^{29}, 2^{17}\})$	5726623062
6	$\mathcal{O}(0; \{6^5, 3^{32}, 2^{13}\})$	45812984490
6	$\mathcal{O}(0; \{6^5, 3^{35}, 2^9\})$	366503875926
6	$\mathcal{O}(0; \{6^5, 3^{38}, 2^5\})$	2932031007402
6	$\mathcal{O}(0; \{6^5, 3^{41}, 2\})$	23456248059222
6	$\mathcal{O}(0; \{6^6, 2^{54}\})$	22
6	$\mathcal{O}(0; \{6^6, 3^3, 2^{50}\})$	170
6	$\mathcal{O}(0; \{6^6, 3^6, 2^{46}\})$	1366
6	$\mathcal{O}(0; \{6^6, 3^9, 2^{42}\})$	10922
6	$\mathcal{O}(0; \{6^6, 3^{12}, 2^{38}\})$	87382
6	$\mathcal{O}(0; \{6^6, 3^{15}, 2^{34}\})$	699050
6	$\mathcal{O}(0; \{6^6, 3^{18}, 2^{30}\})$	5592406
6	$\mathcal{O}(0; \{6^6, 3^{21}, 2^{26}\})$	44739242
6	$\mathcal{O}(0; \{6^6, 3^{24}, 2^{22}\})$	357913942
6	$\mathcal{O}(0; \{6^6, 3^{27}, 2^{18}\})$	2863311530
6	$\mathcal{O}(0; \{6^6, 3^{30}, 2^{14}\})$	22906492246

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^6, 3^{33}, 2^{10}\})$	183251937962
6	$\mathcal{O}(0; \{6^6, 3^{36}, 2^6\})$	1466015503702
6	$\mathcal{O}(0; \{6^6, 3^{39}, 2^2\})$	11728124029610
6	$\mathcal{O}(0; \{6^7, 3, 2^{51}\})$	86
6	$\mathcal{O}(0; \{6^7, 3^4, 2^{47}\})$	682
6	$\mathcal{O}(0; \{6^7, 3^7, 2^{43}\})$	5462
6	$\mathcal{O}(0; \{6^7, 3^{10}, 2^{39}\})$	43690
6	$\mathcal{O}(0; \{6^7, 3^{13}, 2^{35}\})$	349526
6	$\mathcal{O}(0; \{6^7, 3^{16}, 2^{31}\})$	2796202
6	$\mathcal{O}(0; \{6^7, 3^{19}, 2^{27}\})$	22369622
6	$\mathcal{O}(0; \{6^7, 3^{22}, 2^{23}\})$	178956970
6	$\mathcal{O}(0; \{6^7, 3^{25}, 2^{19}\})$	1431655766
6	$\mathcal{O}(0; \{6^7, 3^{28}, 2^{15}\})$	11453246122
6	$\mathcal{O}(0; \{6^7, 3^{31}, 2^{11}\})$	91625968982
6	$\mathcal{O}(0; \{6^7, 3^{34}, 2^7\})$	733007751850
6	$\mathcal{O}(0; \{6^7, 3^{37}, 2^3\})$	5864062014806
6	$\mathcal{O}(0; \{6^8, 3^2, 2^{48}\})$	342
6	$\mathcal{O}(0; \{6^8, 3^5, 2^{44}\})$	2730
6	$\mathcal{O}(0; \{6^8, 3^8, 2^{40}\})$	21846
6	$\mathcal{O}(0; \{6^8, 3^{11}, 2^{36}\})$	174762
6	$\mathcal{O}(0; \{6^8, 3^{14}, 2^{32}\})$	1398102
6	$\mathcal{O}(0; \{6^8, 3^{17}, 2^{28}\})$	11184810
6	$\mathcal{O}(0; \{6^8, 3^{20}, 2^{24}\})$	89478486
6	$\mathcal{O}(0; \{6^8, 3^{23}, 2^{20}\})$	715827882
6	$\mathcal{O}(0; \{6^8, 3^{26}, 2^{16}\})$	5726623062
6	$\mathcal{O}(0; \{6^8, 3^{29}, 2^{12}\})$	45812984490
6	$\mathcal{O}(0; \{6^8, 3^{32}, 2^8\})$	366503875926
6	$\mathcal{O}(0; \{6^8, 3^{35}, 2^4\})$	2932031007402
6	$\mathcal{O}(0; \{6^8, 3^{38}\})$	23456248059222
6	$\mathcal{O}(0; \{6^9, 2^{49}\})$	170
6	$\mathcal{O}(0; \{6^9, 3^3, 2^{45}\})$	1366
6	$\mathcal{O}(0; \{6^9, 3^6, 2^{41}\})$	10922
6	$\mathcal{O}(0; \{6^9, 3^9, 2^{37}\})$	87382
6	$\mathcal{O}(0; \{6^9, 3^{12}, 2^{33}\})$	699050
6	$\mathcal{O}(0; \{6^9, 3^{15}, 2^{29}\})$	5592406
6	$\mathcal{O}(0; \{6^9, 3^{18}, 2^{25}\})$	44739242
6	$\mathcal{O}(0; \{6^9, 3^{21}, 2^{21}\})$	357913942
6	$\mathcal{O}(0; \{6^9, 3^{24}, 2^{17}\})$	2863311530
6	$\mathcal{O}(0; \{6^9, 3^{27}, 2^{13}\})$	22906492246
6	$\mathcal{O}(0; \{6^9, 3^{30}, 2^9\})$	183251937962
6	$\mathcal{O}(0; \{6^9, 3^{33}, 2^5\})$	1466015503702
6	$\mathcal{O}(0; \{6^9, 3^{36}, 2\})$	11728124029610
6	$\mathcal{O}(0; \{6^{10}, 3, 2^{46}\})$	682

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{10}, 3^4, 2^{42}\})$	5462
6	$\mathcal{O}(0; \{6^{10}, 3^7, 2^{38}\})$	43690
6	$\mathcal{O}(0; \{6^{10}, 3^{10}, 2^{34}\})$	349526
6	$\mathcal{O}(0; \{6^{10}, 3^{13}, 2^{30}\})$	2796202
6	$\mathcal{O}(0; \{6^{10}, 3^{16}, 2^{26}\})$	22369622
6	$\mathcal{O}(0; \{6^{10}, 3^{19}, 2^{22}\})$	178956970
6	$\mathcal{O}(0; \{6^{10}, 3^{22}, 2^{18}\})$	1431655766
6	$\mathcal{O}(0; \{6^{10}, 3^{25}, 2^{14}\})$	11453246122
6	$\mathcal{O}(0; \{6^{10}, 3^{28}, 2^{10}\})$	91625968982
6	$\mathcal{O}(0; \{6^{10}, 3^{31}, 2^6\})$	733007751850
6	$\mathcal{O}(0; \{6^{10}, 3^{34}, 2^2\})$	5864062014806
6	$\mathcal{O}(0; \{6^{11}, 3^2, 2^{43}\})$	2730
6	$\mathcal{O}(0; \{6^{11}, 3^5, 2^{39}\})$	21846
6	$\mathcal{O}(0; \{6^{11}, 3^8, 2^{35}\})$	174762
6	$\mathcal{O}(0; \{6^{11}, 3^{11}, 2^{31}\})$	1398102
6	$\mathcal{O}(0; \{6^{11}, 3^{14}, 2^{27}\})$	11184810
6	$\mathcal{O}(0; \{6^{11}, 3^{17}, 2^{23}\})$	89478486
6	$\mathcal{O}(0; \{6^{11}, 3^{20}, 2^{19}\})$	715827882
6	$\mathcal{O}(0; \{6^{11}, 3^{23}, 2^{15}\})$	5726623062
6	$\mathcal{O}(0; \{6^{11}, 3^{26}, 2^{11}\})$	45812984490
6	$\mathcal{O}(0; \{6^{11}, 3^{29}, 2^7\})$	366503875926
6	$\mathcal{O}(0; \{6^{11}, 3^{32}, 2^3\})$	2932031007402
6	$\mathcal{O}(0; \{6^{12}, 2^{44}\})$	1366
6	$\mathcal{O}(0; \{6^{12}, 3^3, 2^{40}\})$	10922
6	$\mathcal{O}(0; \{6^{12}, 3^6, 2^{36}\})$	87382
6	$\mathcal{O}(0; \{6^{12}, 3^9, 2^{32}\})$	699050
6	$\mathcal{O}(0; \{6^{12}, 3^{12}, 2^{28}\})$	5592406
6	$\mathcal{O}(0; \{6^{12}, 3^{15}, 2^{24}\})$	44739242
6	$\mathcal{O}(0; \{6^{12}, 3^{18}, 2^{20}\})$	357913942
6	$\mathcal{O}(0; \{6^{12}, 3^{21}, 2^{16}\})$	2863311530
6	$\mathcal{O}(0; \{6^{12}, 3^{24}, 2^{12}\})$	22906492246
6	$\mathcal{O}(0; \{6^{12}, 3^{27}, 2^8\})$	183251937962
6	$\mathcal{O}(0; \{6^{12}, 3^{30}, 2^4\})$	1466015503702
6	$\mathcal{O}(0; \{6^{12}, 3^{33}\})$	11728124029610
6	$\mathcal{O}(0; \{6^{13}, 3, 2^{41}\})$	5462
6	$\mathcal{O}(0; \{6^{13}, 3^4, 2^{37}\})$	43690
6	$\mathcal{O}(0; \{6^{13}, 3^7, 2^{33}\})$	349526
6	$\mathcal{O}(0; \{6^{13}, 3^{10}, 2^{29}\})$	2796202
6	$\mathcal{O}(0; \{6^{13}, 3^{13}, 2^{25}\})$	22369622
6	$\mathcal{O}(0; \{6^{13}, 3^{16}, 2^{21}\})$	178956970
6	$\mathcal{O}(0; \{6^{13}, 3^{19}, 2^{17}\})$	1431655766
6	$\mathcal{O}(0; \{6^{13}, 3^{22}, 2^{13}\})$	11453246122
6	$\mathcal{O}(0; \{6^{13}, 3^{25}, 2^9\})$	91625968982

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{13}, 3^{28}, 2^5\})$	733007751850
6	$\mathcal{O}(0; \{6^{13}, 3^{31}, 2\})$	5864062014806
6	$\mathcal{O}(0; \{6^{14}, 3^2, 2^{38}\})$	21846
6	$\mathcal{O}(0; \{6^{14}, 3^5, 2^{34}\})$	174762
6	$\mathcal{O}(0; \{6^{14}, 3^8, 2^{30}\})$	1398102
6	$\mathcal{O}(0; \{6^{14}, 3^{11}, 2^{26}\})$	11184810
6	$\mathcal{O}(0; \{6^{14}, 3^{14}, 2^{22}\})$	89478486
6	$\mathcal{O}(0; \{6^{14}, 3^{17}, 2^{18}\})$	715827882
6	$\mathcal{O}(0; \{6^{14}, 3^{20}, 2^{14}\})$	5726623062
6	$\mathcal{O}(0; \{6^{14}, 3^{23}, 2^{10}\})$	45812984490
6	$\mathcal{O}(0; \{6^{14}, 3^{26}, 2^6\})$	366503875926
6	$\mathcal{O}(0; \{6^{14}, 3^{29}, 2^2\})$	2932031007402
6	$\mathcal{O}(0; \{6^{15}, 2^{39}\})$	10922
6	$\mathcal{O}(0; \{6^{15}, 3^3, 2^{35}\})$	87382
6	$\mathcal{O}(0; \{6^{15}, 3^6, 2^{31}\})$	699050
6	$\mathcal{O}(0; \{6^{15}, 3^9, 2^{27}\})$	5592406
6	$\mathcal{O}(0; \{6^{15}, 3^{12}, 2^{23}\})$	44739242
6	$\mathcal{O}(0; \{6^{15}, 3^{15}, 2^{19}\})$	357913942
6	$\mathcal{O}(0; \{6^{15}, 3^{18}, 2^{15}\})$	2863311530
6	$\mathcal{O}(0; \{6^{15}, 3^{21}, 2^{11}\})$	22906492246
6	$\mathcal{O}(0; \{6^{15}, 3^{24}, 2^7\})$	183251937962
6	$\mathcal{O}(0; \{6^{15}, 3^{27}, 2^3\})$	1466015503702
6	$\mathcal{O}(0; \{6^{16}, 3, 2^{36}\})$	43690
6	$\mathcal{O}(0; \{6^{16}, 3^4, 2^{32}\})$	349526
6	$\mathcal{O}(0; \{6^{16}, 3^7, 2^{28}\})$	2796202
6	$\mathcal{O}(0; \{6^{16}, 3^{10}, 2^{24}\})$	22369622
6	$\mathcal{O}(0; \{6^{16}, 3^{13}, 2^{20}\})$	178956970
6	$\mathcal{O}(0; \{6^{16}, 3^{16}, 2^{16}\})$	1431655766
6	$\mathcal{O}(0; \{6^{16}, 3^{19}, 2^{12}\})$	11453246122
6	$\mathcal{O}(0; \{6^{16}, 3^{22}, 2^8\})$	91625968982
6	$\mathcal{O}(0; \{6^{16}, 3^{25}, 2^4\})$	733007751850
6	$\mathcal{O}(0; \{6^{16}, 3^{28}\})$	5864062014806
6	$\mathcal{O}(0; \{6^{17}, 3^2, 2^{33}\})$	174762
6	$\mathcal{O}(0; \{6^{17}, 3^5, 2^{29}\})$	1398102
6	$\mathcal{O}(0; \{6^{17}, 3^8, 2^{25}\})$	11184810
6	$\mathcal{O}(0; \{6^{17}, 3^{11}, 2^{21}\})$	89478486
6	$\mathcal{O}(0; \{6^{17}, 3^{14}, 2^{17}\})$	715827882
6	$\mathcal{O}(0; \{6^{17}, 3^{17}, 2^{13}\})$	5726623062
6	$\mathcal{O}(0; \{6^{17}, 3^{20}, 2^9\})$	45812984490
6	$\mathcal{O}(0; \{6^{17}, 3^{23}, 2^5\})$	366503875926
6	$\mathcal{O}(0; \{6^{17}, 3^{26}, 2\})$	2932031007402
6	$\mathcal{O}(0; \{6^{18}, 2^{34}\})$	87382
6	$\mathcal{O}(0; \{6^{18}, 3^3, 2^{30}\})$	699050

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{18}, 3^6, 2^{26}\})$	5592406
6	$\mathcal{O}(0; \{6^{18}, 3^9, 2^{22}\})$	44739242
6	$\mathcal{O}(0; \{6^{18}, 3^{12}, 2^{18}\})$	357913942
6	$\mathcal{O}(0; \{6^{18}, 3^{15}, 2^{14}\})$	2863311530
6	$\mathcal{O}(0; \{6^{18}, 3^{18}, 2^{10}\})$	22906492246
6	$\mathcal{O}(0; \{6^{18}, 3^{21}, 2^6\})$	183251937962
6	$\mathcal{O}(0; \{6^{18}, 3^{24}, 2^2\})$	1466015503702
6	$\mathcal{O}(0; \{6^{19}, 3, 2^{31}\})$	349526
6	$\mathcal{O}(0; \{6^{19}, 3^4, 2^{27}\})$	2796202
6	$\mathcal{O}(0; \{6^{19}, 3^7, 2^{23}\})$	22369622
6	$\mathcal{O}(0; \{6^{19}, 3^{10}, 2^{19}\})$	178956970
6	$\mathcal{O}(0; \{6^{19}, 3^{13}, 2^{15}\})$	1431655766
6	$\mathcal{O}(0; \{6^{19}, 3^{16}, 2^{11}\})$	11453246122
6	$\mathcal{O}(0; \{6^{19}, 3^{19}, 2^7\})$	91625968982
6	$\mathcal{O}(0; \{6^{19}, 3^{22}, 2^3\})$	733007751850
6	$\mathcal{O}(0; \{6^{20}, 3^2, 2^{28}\})$	1398102
6	$\mathcal{O}(0; \{6^{20}, 3^5, 2^{24}\})$	11184810
6	$\mathcal{O}(0; \{6^{20}, 3^8, 2^{20}\})$	89478486
6	$\mathcal{O}(0; \{6^{20}, 3^{11}, 2^{16}\})$	715827882
6	$\mathcal{O}(0; \{6^{20}, 3^{14}, 2^{12}\})$	5726623062
6	$\mathcal{O}(0; \{6^{20}, 3^{17}, 2^8\})$	45812984490
6	$\mathcal{O}(0; \{6^{20}, 3^{20}, 2^4\})$	366503875926
6	$\mathcal{O}(0; \{6^{20}, 3^{23}\})$	2932031007402
6	$\mathcal{O}(0; \{6^{21}, 2^{29}\})$	699050
6	$\mathcal{O}(0; \{6^{21}, 3^3, 2^{25}\})$	5592406
6	$\mathcal{O}(0; \{6^{21}, 3^6, 2^{21}\})$	44739242
6	$\mathcal{O}(0; \{6^{21}, 3^9, 2^{17}\})$	357913942
6	$\mathcal{O}(0; \{6^{21}, 3^{12}, 2^{13}\})$	2863311530
6	$\mathcal{O}(0; \{6^{21}, 3^{15}, 2^9\})$	22906492246
6	$\mathcal{O}(0; \{6^{21}, 3^{18}, 2^5\})$	183251937962
6	$\mathcal{O}(0; \{6^{21}, 3^{21}, 2\})$	1466015503702
6	$\mathcal{O}(0; \{6^{22}, 3, 2^{26}\})$	2796202
6	$\mathcal{O}(0; \{6^{22}, 3^4, 2^{22}\})$	22369622
6	$\mathcal{O}(0; \{6^{22}, 3^7, 2^{18}\})$	178956970
6	$\mathcal{O}(0; \{6^{22}, 3^{10}, 2^{14}\})$	1431655766
6	$\mathcal{O}(0; \{6^{22}, 3^{13}, 2^{10}\})$	11453246122
6	$\mathcal{O}(0; \{6^{22}, 3^{16}, 2^6\})$	91625968982
6	$\mathcal{O}(0; \{6^{22}, 3^{19}, 2^2\})$	733007751850
6	$\mathcal{O}(0; \{6^{23}, 3^2, 2^{23}\})$	11184810
6	$\mathcal{O}(0; \{6^{23}, 3^5, 2^{19}\})$	89478486
6	$\mathcal{O}(0; \{6^{23}, 3^8, 2^{15}\})$	715827882
6	$\mathcal{O}(0; \{6^{23}, 3^{11}, 2^{11}\})$	5726623062
6	$\mathcal{O}(0; \{6^{23}, 3^{14}, 2^7\})$	45812984490

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{23}, 3^{17}, 2^3\})$	366503875926
6	$\mathcal{O}(0; \{6^{24}, 2^{24}\})$	5592406
6	$\mathcal{O}(0; \{6^{24}, 3^3, 2^{20}\})$	44739242
6	$\mathcal{O}(0; \{6^{24}, 3^6, 2^{16}\})$	357913942
6	$\mathcal{O}(0; \{6^{24}, 3^9, 2^{12}\})$	2863311530
6	$\mathcal{O}(0; \{6^{24}, 3^{12}, 2^8\})$	22906492246
6	$\mathcal{O}(0; \{6^{24}, 3^{15}, 2^4\})$	183251937962
6	$\mathcal{O}(0; \{6^{24}, 3^{18}\})$	1466015503702
6	$\mathcal{O}(0; \{6^{25}, 3, 2^{21}\})$	22369622
6	$\mathcal{O}(0; \{6^{25}, 3^4, 2^{17}\})$	178956970
6	$\mathcal{O}(0; \{6^{25}, 3^7, 2^{13}\})$	1431655766
6	$\mathcal{O}(0; \{6^{25}, 3^{10}, 2^9\})$	11453246122
6	$\mathcal{O}(0; \{6^{25}, 3^{13}, 2^5\})$	91625968982
6	$\mathcal{O}(0; \{6^{25}, 3^{16}, 2\})$	733007751850
6	$\mathcal{O}(0; \{6^{26}, 3^2, 2^{18}\})$	89478486
6	$\mathcal{O}(0; \{6^{26}, 3^5, 2^{14}\})$	715827882
6	$\mathcal{O}(0; \{6^{26}, 3^8, 2^{10}\})$	5726623062
6	$\mathcal{O}(0; \{6^{26}, 3^{11}, 2^6\})$	45812984490
6	$\mathcal{O}(0; \{6^{26}, 3^{14}, 2^2\})$	366503875926
6	$\mathcal{O}(0; \{6^{27}, 2^{19}\})$	44739242
6	$\mathcal{O}(0; \{6^{27}, 3^3, 2^{15}\})$	357913942
6	$\mathcal{O}(0; \{6^{27}, 3^6, 2^{11}\})$	2863311530
6	$\mathcal{O}(0; \{6^{27}, 3^9, 2^7\})$	22906492246
6	$\mathcal{O}(0; \{6^{27}, 3^{12}, 2^3\})$	183251937962
6	$\mathcal{O}(0; \{6^{28}, 3, 2^{16}\})$	178956970
6	$\mathcal{O}(0; \{6^{28}, 3^4, 2^{12}\})$	1431655766
6	$\mathcal{O}(0; \{6^{28}, 3^7, 2^8\})$	11453246122
6	$\mathcal{O}(0; \{6^{28}, 3^{10}, 2^4\})$	91625968982
6	$\mathcal{O}(0; \{6^{28}, 3^{13}\})$	733007751850
6	$\mathcal{O}(0; \{6^{29}, 3^2, 2^{13}\})$	715827882
6	$\mathcal{O}(0; \{6^{29}, 3^5, 2^9\})$	5726623062
6	$\mathcal{O}(0; \{6^{29}, 3^8, 2^5\})$	45812984490
6	$\mathcal{O}(0; \{6^{29}, 3^{11}, 2\})$	366503875926
6	$\mathcal{O}(0; \{6^{30}, 2^{14}\})$	357913942
6	$\mathcal{O}(0; \{6^{30}, 3^3, 2^{10}\})$	2863311530
6	$\mathcal{O}(0; \{6^{30}, 3^6, 2^6\})$	22906492246
6	$\mathcal{O}(0; \{6^{30}, 3^9, 2^2\})$	183251937962
6	$\mathcal{O}(0; \{6^{31}, 3, 2^{11}\})$	1431655766
6	$\mathcal{O}(0; \{6^{31}, 3^4, 2^7\})$	11453246122
6	$\mathcal{O}(0; \{6^{31}, 3^7, 2^3\})$	91625968982
6	$\mathcal{O}(0; \{6^{32}, 3^2, 2^8\})$	5726623062
6	$\mathcal{O}(0; \{6^{32}, 3^5, 2^4\})$	45812984490
6	$\mathcal{O}(0; \{6^{32}, 3^8\})$	366503875926

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{33}, 2^9\})$	2863311530
6	$\mathcal{O}(0; \{6^{33}, 3^3, 2^5\})$	22906492246
6	$\mathcal{O}(0; \{6^{33}, 3^6, 2\})$	183251937962
6	$\mathcal{O}(0; \{6^{34}, 3, 2^6\})$	11453246122
6	$\mathcal{O}(0; \{6^{34}, 3^4, 2^2\})$	91625968982
6	$\mathcal{O}(0; \{6^{35}, 3^2, 2^3\})$	45812984490
6	$\mathcal{O}(0; \{6^{36}, 2^4\})$	22906492246
6	$\mathcal{O}(0; \{6^{36}, 3^3\})$	183251937962
6	$\mathcal{O}(0; \{6^{37}, 3, 2\})$	91625968982
7	$\mathcal{O}(13; \{7^2\})$	56324882025886525833894
7	$\mathcal{O}(10; \{7^9\})$	114874532020683069479670
7	$\mathcal{O}(7; \{7^{16}\})$	273334547183376524957034
7	$\mathcal{O}(4; \{7^{23}\})$	650376797084233218955830
7	$\mathcal{O}(1; \{7^{30}\})$	1547517438045133505298474
8	$\mathcal{O}(11; \{4^2, 2^2\})$	147573917405304324096
8	$\mathcal{O}(11; \{8^2, 4\})$	590295810358705651712
8	$\mathcal{O}(10; \{4^2, 2^6\})$	2305840810190438400
8	$\mathcal{O}(10; \{4^4, 2^3\})$	9223363240761753600
8	$\mathcal{O}(10; \{4^6\})$	36893452963047014400
8	$\mathcal{O}(10; \{8^2, 4, 2^4\})$	9223372036854775808
8	$\mathcal{O}(10; \{8^2, 4^3, 2\})$	36893488147419103232
8	$\mathcal{O}(10; \{8^4, 2^2\})$	73786976294838206464
8	$\mathcal{O}(9; \{4^2, 2^{10}\})$	36028659580010496
8	$\mathcal{O}(9; \{4^4, 2^7\})$	144114638320041984
8	$\mathcal{O}(9; \{4^6, 2^4\})$	576458553280167936
8	$\mathcal{O}(9; \{4^8, 2\})$	2305834213120671744
8	$\mathcal{O}(9; \{8^2, 4, 2^8\})$	144115188075855872
8	$\mathcal{O}(9; \{8^2, 4^3, 2^5\})$	576460752303423488
8	$\mathcal{O}(9; \{8^2, 4^5, 2^2\})$	2305843009213693952
8	$\mathcal{O}(9; \{8^4, 2^6\})$	1152921504606846976
8	$\mathcal{O}(9; \{8^4, 4^2, 2^3\})$	4611686018427387904
8	$\mathcal{O}(9; \{8^4, 4^4\})$	18446744073709551616
8	$\mathcal{O}(9; \{8^6, 4, 2\})$	36893488147419103232
8	$\mathcal{O}(8; \{4^2, 2^{14}\})$	562941363486720
8	$\mathcal{O}(8; \{4^4, 2^{11}\})$	2251765453946880
8	$\mathcal{O}(8; \{4^6, 2^8\})$	9007061815787520
8	$\mathcal{O}(8; \{4^8, 2^5\})$	36028247263150080
8	$\mathcal{O}(8; \{4^{10}, 2^2\})$	144112989052600320
8	$\mathcal{O}(8; \{8^2, 4, 2^{12}\})$	2251799813685248
8	$\mathcal{O}(8; \{8^2, 4^3, 2^9\})$	9007199254740992
8	$\mathcal{O}(8; \{8^2, 4^5, 2^6\})$	36028797018963968
8	$\mathcal{O}(8; \{8^2, 4^7, 2^3\})$	144115188075855872
8	$\mathcal{O}(8; \{8^2, 4^9\})$	576460752303423488

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(8; \{8^4, 2^{10}\})$	18014398509481984
8	$\mathcal{O}(8; \{8^4, 4^2, 2^7\})$	72057594037927936
8	$\mathcal{O}(8; \{8^4, 4^4, 2^4\})$	288230376151711744
8	$\mathcal{O}(8; \{8^4, 4^6, 2\})$	1152921504606846976
8	$\mathcal{O}(8; \{8^6, 4, 2^5\})$	576460752303423488
8	$\mathcal{O}(8; \{8^6, 4^3, 2^2\})$	2305843009213693952
8	$\mathcal{O}(8; \{8^8, 2^3\})$	4611686018427387904
8	$\mathcal{O}(8; \{8^8, 4^2\})$	18446744073709551616
8	$\mathcal{O}(7; \{4^2, 2^{18}\})$	8795556151296
8	$\mathcal{O}(7; \{4^4, 2^{15}\})$	35182224605184
8	$\mathcal{O}(7; \{4^6, 2^{12}\})$	140728898420736
8	$\mathcal{O}(7; \{4^8, 2^9\})$	562915593682944
8	$\mathcal{O}(7; \{4^{10}, 2^6\})$	2251662374731776
8	$\mathcal{O}(7; \{4^{12}, 2^3\})$	9006649498927104
8	$\mathcal{O}(7; \{4^{14}\})$	36026597995708416
8	$\mathcal{O}(7; \{8^2, 4, 2^{16}\})$	35184372088832
8	$\mathcal{O}(7; \{8^2, 4^3, 2^{13}\})$	140737488355328
8	$\mathcal{O}(7; \{8^2, 4^5, 2^{10}\})$	562949953421312
8	$\mathcal{O}(7; \{8^2, 4^7, 2^7\})$	2251799813685248
8	$\mathcal{O}(7; \{8^2, 4^9, 2^4\})$	9007199254740992
8	$\mathcal{O}(7; \{8^2, 4^{11}, 2\})$	36028797018963968
8	$\mathcal{O}(7; \{8^4, 2^{14}\})$	281474976710656
8	$\mathcal{O}(7; \{8^4, 4^2, 2^{11}\})$	1125899906842624
8	$\mathcal{O}(7; \{8^4, 4^4, 2^8\})$	4503599627370496
8	$\mathcal{O}(7; \{8^4, 4^6, 2^5\})$	18014398509481984
8	$\mathcal{O}(7; \{8^4, 4^8, 2^2\})$	72057594037927936
8	$\mathcal{O}(7; \{8^6, 4, 2^9\})$	9007199254740992
8	$\mathcal{O}(7; \{8^6, 4^3, 2^6\})$	36028797018963968
8	$\mathcal{O}(7; \{8^6, 4^5, 2^3\})$	144115188075855872
8	$\mathcal{O}(7; \{8^6, 4^7\})$	576460752303423488
8	$\mathcal{O}(7; \{8^8, 2^7\})$	72057594037927936
8	$\mathcal{O}(7; \{8^8, 4^2, 2^4\})$	288230376151711744
8	$\mathcal{O}(7; \{8^8, 4^4, 2\})$	1152921504606846976
8	$\mathcal{O}(7; \{8^{10}, 4, 2^2\})$	2305843009213693952
8	$\mathcal{O}(7; \{8^{12}\})$	18446744073709551616
8	$\mathcal{O}(6; \{4^2, 2^{22}\})$	137405399040
8	$\mathcal{O}(6; \{4^4, 2^{19}\})$	549621596160
8	$\mathcal{O}(6; \{4^6, 2^{16}\})$	2198486384640
8	$\mathcal{O}(6; \{4^8, 2^{13}\})$	8793945538560
8	$\mathcal{O}(6; \{4^{10}, 2^{10}\})$	35175782154240
8	$\mathcal{O}(6; \{4^{12}, 2^7\})$	140703128616960
8	$\mathcal{O}(6; \{4^{14}, 2^4\})$	562812514467840
8	$\mathcal{O}(6; \{4^{16}, 2\})$	2251250057871360

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(6; \{8^2, 4, 2^{20}\})$	549755813888
8	$\mathcal{O}(6; \{8^2, 4^3, 2^{17}\})$	2199023255552
8	$\mathcal{O}(6; \{8^2, 4^5, 2^{14}\})$	8796093022208
8	$\mathcal{O}(6; \{8^2, 4^7, 2^{11}\})$	35184372088832
8	$\mathcal{O}(6; \{8^2, 4^9, 2^8\})$	140737488355328
8	$\mathcal{O}(6; \{8^2, 4^{11}, 2^5\})$	562949953421312
8	$\mathcal{O}(6; \{8^2, 4^{13}, 2^2\})$	2251799813685248
8	$\mathcal{O}(6; \{8^4, 2^{18}\})$	4398046511104
8	$\mathcal{O}(6; \{8^4, 4^2, 2^{15}\})$	17592186044416
8	$\mathcal{O}(6; \{8^4, 4^4, 2^{12}\})$	70368744177664
8	$\mathcal{O}(6; \{8^4, 4^6, 2^9\})$	281474976710656
8	$\mathcal{O}(6; \{8^4, 4^8, 2^6\})$	112589906842624
8	$\mathcal{O}(6; \{8^4, 4^{10}, 2^3\})$	4503599627370496
8	$\mathcal{O}(6; \{8^4, 4^{12}\})$	18014398509481984
8	$\mathcal{O}(6; \{8^6, 4, 2^{13}\})$	140737488355328
8	$\mathcal{O}(6; \{8^6, 4^3, 2^{10}\})$	562949953421312
8	$\mathcal{O}(6; \{8^6, 4^5, 2^7\})$	2251799813685248
8	$\mathcal{O}(6; \{8^6, 4^7, 2^4\})$	9007199254740992
8	$\mathcal{O}(6; \{8^6, 4^9, 2\})$	36028797018963968
8	$\mathcal{O}(6; \{8^8, 2^{11}\})$	112589906842624
8	$\mathcal{O}(6; \{8^8, 4^2, 2^8\})$	4503599627370496
8	$\mathcal{O}(6; \{8^8, 4^4, 2^5\})$	18014398509481984
8	$\mathcal{O}(6; \{8^8, 4^6, 2^2\})$	72057594037927936
8	$\mathcal{O}(6; \{8^{10}, 4, 2^6\})$	36028797018963968
8	$\mathcal{O}(6; \{8^{10}, 4^3, 2^3\})$	144115188075855872
8	$\mathcal{O}(6; \{8^{10}, 4^5\})$	576460752303423488
8	$\mathcal{O}(6; \{8^{12}, 2^4\})$	288230376151711744
8	$\mathcal{O}(6; \{8^{12}, 4^2, 2\})$	1152921504606846976
8	$\mathcal{O}(5; \{4^2, 2^{26}\})$	2145386496
8	$\mathcal{O}(5; \{4^4, 2^{23}\})$	8581545984
8	$\mathcal{O}(5; \{4^6, 2^{20}\})$	34326183936
8	$\mathcal{O}(5; \{4^8, 2^{17}\})$	137304735744
8	$\mathcal{O}(5; \{4^{10}, 2^{14}\})$	549218942976
8	$\mathcal{O}(5; \{4^{12}, 2^{11}\})$	2196875771904
8	$\mathcal{O}(5; \{4^{14}, 2^8\})$	8787503087616
8	$\mathcal{O}(5; \{4^{16}, 2^5\})$	35150012350464
8	$\mathcal{O}(5; \{4^{18}, 2^2\})$	140600049401856
8	$\mathcal{O}(5; \{8^2, 4, 2^{24}\})$	8589934592
8	$\mathcal{O}(5; \{8^2, 4^3, 2^{21}\})$	34359738368
8	$\mathcal{O}(5; \{8^2, 4^5, 2^{18}\})$	137438953472
8	$\mathcal{O}(5; \{8^2, 4^7, 2^{15}\})$	549755813888
8	$\mathcal{O}(5; \{8^2, 4^9, 2^{12}\})$	2199023255552
8	$\mathcal{O}(5; \{8^2, 4^{11}, 2^9\})$	8796093022208

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(5; \{8^2, 4^{13}, 2^6\})$	35184372088832
8	$\mathcal{O}(5; \{8^2, 4^{15}, 2^3\})$	140737488355328
8	$\mathcal{O}(5; \{8^2, 4^{17}\})$	562949953421312
8	$\mathcal{O}(5; \{8^4, 2^{22}\})$	68719476736
8	$\mathcal{O}(5; \{8^4, 4^2, 2^{19}\})$	274877906944
8	$\mathcal{O}(5; \{8^4, 4^4, 2^{16}\})$	1099511627776
8	$\mathcal{O}(5; \{8^4, 4^6, 2^{13}\})$	4398046511104
8	$\mathcal{O}(5; \{8^4, 4^8, 2^{10}\})$	17592186044416
8	$\mathcal{O}(5; \{8^4, 4^{10}, 2^7\})$	70368744177664
8	$\mathcal{O}(5; \{8^4, 4^{12}, 2^4\})$	281474976710656
8	$\mathcal{O}(5; \{8^4, 4^{14}, 2\})$	1125899906842624
8	$\mathcal{O}(5; \{8^6, 4, 2^{17}\})$	2199023255552
8	$\mathcal{O}(5; \{8^6, 4^3, 2^{14}\})$	8796093022208
8	$\mathcal{O}(5; \{8^6, 4^5, 2^{11}\})$	35184372088832
8	$\mathcal{O}(5; \{8^6, 4^7, 2^8\})$	140737488355328
8	$\mathcal{O}(5; \{8^6, 4^9, 2^5\})$	562949953421312
8	$\mathcal{O}(5; \{8^6, 4^{11}, 2^2\})$	2251799813685248
8	$\mathcal{O}(5; \{8^8, 2^{15}\})$	17592186044416
8	$\mathcal{O}(5; \{8^8, 4^2, 2^{12}\})$	70368744177664
8	$\mathcal{O}(5; \{8^8, 4^4, 2^9\})$	281474976710656
8	$\mathcal{O}(5; \{8^8, 4^6, 2^6\})$	1125899906842624
8	$\mathcal{O}(5; \{8^8, 4^8, 2^3\})$	4503599627370496
8	$\mathcal{O}(5; \{8^8, 4^{10}\})$	18014398509481984
8	$\mathcal{O}(5; \{8^{10}, 4, 2^{10}\})$	562949953421312
8	$\mathcal{O}(5; \{8^{10}, 4^3, 2^7\})$	2251799813685248
8	$\mathcal{O}(5; \{8^{10}, 4^5, 2^4\})$	9007199254740992
8	$\mathcal{O}(5; \{8^{10}, 4^7, 2\})$	36028797018963968
8	$\mathcal{O}(5; \{8^{12}, 2^8\})$	4503599627370496
8	$\mathcal{O}(5; \{8^{12}, 4^2, 2^5\})$	18014398509481984
8	$\mathcal{O}(5; \{8^{12}, 4^4, 2^2\})$	72057594037927936
8	$\mathcal{O}(5; \{8^{14}, 4, 2^3\})$	144115188075855872
8	$\mathcal{O}(5; \{8^{14}, 4^3\})$	576460752303423488
8	$\mathcal{O}(5; \{8^{16}, 2\})$	1152921504606846976
8	$\mathcal{O}(4; \{4^2, 2^{30}\})$	33423360
8	$\mathcal{O}(4; \{4^4, 2^{27}\})$	133693440
8	$\mathcal{O}(4; \{4^6, 2^{24}\})$	534773760
8	$\mathcal{O}(4; \{4^8, 2^{21}\})$	2139095040
8	$\mathcal{O}(4; \{4^{10}, 2^{18}\})$	8556380160
8	$\mathcal{O}(4; \{4^{12}, 2^{15}\})$	34225520640
8	$\mathcal{O}(4; \{4^{14}, 2^{12}\})$	136902082560
8	$\mathcal{O}(4; \{4^{16}, 2^9\})$	547608330240
8	$\mathcal{O}(4; \{4^{18}, 2^6\})$	2190433320960
8	$\mathcal{O}(4; \{4^{20}, 2^3\})$	8761733283840

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(4; \{4^{22}\})$	35046933135360
8	$\mathcal{O}(4; \{8^2, 4, 2^{28}\})$	134217728
8	$\mathcal{O}(4; \{8^2, 4^3, 2^{25}\})$	536870912
8	$\mathcal{O}(4; \{8^2, 4^5, 2^{22}\})$	2147483648
8	$\mathcal{O}(4; \{8^2, 4^7, 2^{19}\})$	8589934592
8	$\mathcal{O}(4; \{8^2, 4^9, 2^{16}\})$	34359738368
8	$\mathcal{O}(4; \{8^2, 4^{11}, 2^{13}\})$	137438953472
8	$\mathcal{O}(4; \{8^2, 4^{13}, 2^{10}\})$	549755813888
8	$\mathcal{O}(4; \{8^2, 4^{15}, 2^7\})$	2199023255552
8	$\mathcal{O}(4; \{8^2, 4^{17}, 2^4\})$	8796093022208
8	$\mathcal{O}(4; \{8^2, 4^{19}, 2\})$	35184372088832
8	$\mathcal{O}(4; \{8^4, 2^{26}\})$	1073741824
8	$\mathcal{O}(4; \{8^4, 4^2, 2^{23}\})$	4294967296
8	$\mathcal{O}(4; \{8^4, 4^4, 2^{20}\})$	17179869184
8	$\mathcal{O}(4; \{8^4, 4^6, 2^{17}\})$	68719476736
8	$\mathcal{O}(4; \{8^4, 4^8, 2^{14}\})$	274877906944
8	$\mathcal{O}(4; \{8^4, 4^{10}, 2^{11}\})$	1099511627776
8	$\mathcal{O}(4; \{8^4, 4^{12}, 2^8\})$	4398046511104
8	$\mathcal{O}(4; \{8^4, 4^{14}, 2^5\})$	17592186044416
8	$\mathcal{O}(4; \{8^4, 4^{16}, 2^2\})$	70368744177664
8	$\mathcal{O}(4; \{8^6, 4, 2^{21}\})$	34359738368
8	$\mathcal{O}(4; \{8^6, 4^3, 2^{18}\})$	137438953472
8	$\mathcal{O}(4; \{8^6, 4^5, 2^{15}\})$	549755813888
8	$\mathcal{O}(4; \{8^6, 4^7, 2^{12}\})$	2199023255552
8	$\mathcal{O}(4; \{8^6, 4^9, 2^9\})$	8796093022208
8	$\mathcal{O}(4; \{8^6, 4^{11}, 2^6\})$	35184372088832
8	$\mathcal{O}(4; \{8^6, 4^{13}, 2^3\})$	140737488355328
8	$\mathcal{O}(4; \{8^6, 4^{15}\})$	562949953421312
8	$\mathcal{O}(4; \{8^8, 2^{19}\})$	274877906944
8	$\mathcal{O}(4; \{8^8, 4^2, 2^{16}\})$	1099511627776
8	$\mathcal{O}(4; \{8^8, 4^4, 2^{13}\})$	4398046511104
8	$\mathcal{O}(4; \{8^8, 4^6, 2^{10}\})$	17592186044416
8	$\mathcal{O}(4; \{8^8, 4^8, 2^7\})$	70368744177664
8	$\mathcal{O}(4; \{8^8, 4^{10}, 2^4\})$	281474976710656
8	$\mathcal{O}(4; \{8^8, 4^{12}, 2\})$	1125899906842624
8	$\mathcal{O}(4; \{8^{10}, 4, 2^{14}\})$	8796093022208
8	$\mathcal{O}(4; \{8^{10}, 4^3, 2^{11}\})$	35184372088832
8	$\mathcal{O}(4; \{8^{10}, 4^5, 2^8\})$	140737488355328
8	$\mathcal{O}(4; \{8^{10}, 4^7, 2^5\})$	562949953421312
8	$\mathcal{O}(4; \{8^{10}, 4^9, 2^2\})$	2251799813685248
8	$\mathcal{O}(4; \{8^{12}, 2^{12}\})$	70368744177664
8	$\mathcal{O}(4; \{8^{12}, 4^2, 2^9\})$	281474976710656
8	$\mathcal{O}(4; \{8^{12}, 4^4, 2^6\})$	1125899906842624

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(4; \{8^{12}, 4^6, 2^3\})$	4503599627370496
8	$\mathcal{O}(4; \{8^{12}, 4^8\})$	18014398509481984
8	$\mathcal{O}(4; \{8^{14}, 4, 2^7\})$	2251799813685248
8	$\mathcal{O}(4; \{8^{14}, 4^3, 2^4\})$	9007199254740992
8	$\mathcal{O}(4; \{8^{14}, 4^5, 2\})$	36028797018963968
8	$\mathcal{O}(4; \{8^{16}, 2^5\})$	18014398509481984
8	$\mathcal{O}(4; \{8^{16}, 4^2, 2^2\})$	72057594037927936
8	$\mathcal{O}(4; \{8^{18}, 4\})$	576460752303423488
8	$\mathcal{O}(3; \{4^2, 2^{34}\})$	516096
8	$\mathcal{O}(3; \{4^4, 2^{31}\})$	2064384
8	$\mathcal{O}(3; \{4^6, 2^{28}\})$	8257536
8	$\mathcal{O}(3; \{4^8, 2^{25}\})$	33030144
8	$\mathcal{O}(3; \{4^{10}, 2^{22}\})$	132120576
8	$\mathcal{O}(3; \{4^{12}, 2^{19}\})$	528482304
8	$\mathcal{O}(3; \{4^{14}, 2^{16}\})$	2113929216
8	$\mathcal{O}(3; \{4^{16}, 2^{13}\})$	8455716864
8	$\mathcal{O}(3; \{4^{18}, 2^{10}\})$	33822867456
8	$\mathcal{O}(3; \{4^{20}, 2^7\})$	135291469824
8	$\mathcal{O}(3; \{4^{22}, 2^4\})$	541165879296
8	$\mathcal{O}(3; \{4^{24}, 2\})$	2164663517184
8	$\mathcal{O}(3; \{8^2, 4, 2^{32}\})$	2097152
8	$\mathcal{O}(3; \{8^2, 4^3, 2^{29}\})$	8388608
8	$\mathcal{O}(3; \{8^2, 4^5, 2^{26}\})$	33554432
8	$\mathcal{O}(3; \{8^2, 4^7, 2^{23}\})$	134217728
8	$\mathcal{O}(3; \{8^2, 4^9, 2^{20}\})$	536870912
8	$\mathcal{O}(3; \{8^2, 4^{11}, 2^{17}\})$	2147483648
8	$\mathcal{O}(3; \{8^2, 4^{13}, 2^{14}\})$	8589934592
8	$\mathcal{O}(3; \{8^2, 4^{15}, 2^{11}\})$	34359738368
8	$\mathcal{O}(3; \{8^2, 4^{17}, 2^8\})$	137438953472
8	$\mathcal{O}(3; \{8^2, 4^{19}, 2^5\})$	549755813888
8	$\mathcal{O}(3; \{8^2, 4^{21}, 2^2\})$	2199023255552
8	$\mathcal{O}(3; \{8^4, 2^{30}\})$	16777216
8	$\mathcal{O}(3; \{8^4, 4^2, 2^{27}\})$	67108864
8	$\mathcal{O}(3; \{8^4, 4^4, 2^{24}\})$	268435456
8	$\mathcal{O}(3; \{8^4, 4^6, 2^{21}\})$	1073741824
8	$\mathcal{O}(3; \{8^4, 4^8, 2^{18}\})$	4294967296
8	$\mathcal{O}(3; \{8^4, 4^{10}, 2^{15}\})$	17179869184
8	$\mathcal{O}(3; \{8^4, 4^{12}, 2^{12}\})$	68719476736
8	$\mathcal{O}(3; \{8^4, 4^{14}, 2^9\})$	274877906944
8	$\mathcal{O}(3; \{8^4, 4^{16}, 2^6\})$	1099511627776
8	$\mathcal{O}(3; \{8^4, 4^{18}, 2^3\})$	4398046511104
8	$\mathcal{O}(3; \{8^4, 4^{20}\})$	17592186044416
8	$\mathcal{O}(3; \{8^6, 4, 2^{25}\})$	536870912

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(3; \{8^6, 4^3, 2^{22}\})$	2147483648
8	$\mathcal{O}(3; \{8^6, 4^5, 2^{19}\})$	8589934592
8	$\mathcal{O}(3; \{8^6, 4^7, 2^{16}\})$	34359738368
8	$\mathcal{O}(3; \{8^6, 4^9, 2^{13}\})$	137438953472
8	$\mathcal{O}(3; \{8^6, 4^{11}, 2^{10}\})$	549755813888
8	$\mathcal{O}(3; \{8^6, 4^{13}, 2^7\})$	219902325552
8	$\mathcal{O}(3; \{8^6, 4^{15}, 2^4\})$	8796093022208
8	$\mathcal{O}(3; \{8^6, 4^{17}, 2\})$	35184372088832
8	$\mathcal{O}(3; \{8^8, 2^{23}\})$	4294967296
8	$\mathcal{O}(3; \{8^8, 4^2, 2^{20}\})$	17179869184
8	$\mathcal{O}(3; \{8^8, 4^4, 2^{17}\})$	68719476736
8	$\mathcal{O}(3; \{8^8, 4^6, 2^{14}\})$	274877906944
8	$\mathcal{O}(3; \{8^8, 4^8, 2^{11}\})$	1099511627776
8	$\mathcal{O}(3; \{8^8, 4^{10}, 2^8\})$	4398046511104
8	$\mathcal{O}(3; \{8^8, 4^{12}, 2^5\})$	17592186044416
8	$\mathcal{O}(3; \{8^8, 4^{14}, 2^2\})$	70368744177664
8	$\mathcal{O}(3; \{8^{10}, 4, 2^{18}\})$	137438953472
8	$\mathcal{O}(3; \{8^{10}, 4^3, 2^{15}\})$	549755813888
8	$\mathcal{O}(3; \{8^{10}, 4^5, 2^{12}\})$	2199023255552
8	$\mathcal{O}(3; \{8^{10}, 4^7, 2^9\})$	8796093022208
8	$\mathcal{O}(3; \{8^{10}, 4^9, 2^6\})$	35184372088832
8	$\mathcal{O}(3; \{8^{10}, 4^{11}, 2^3\})$	140737488355328
8	$\mathcal{O}(3; \{8^{10}, 4^{13}\})$	562949953421312
8	$\mathcal{O}(3; \{8^{12}, 2^{16}\})$	1099511627776
8	$\mathcal{O}(3; \{8^{12}, 4^2, 2^{13}\})$	4398046511104
8	$\mathcal{O}(3; \{8^{12}, 4^4, 2^{10}\})$	17592186044416
8	$\mathcal{O}(3; \{8^{12}, 4^6, 2^7\})$	70368744177664
8	$\mathcal{O}(3; \{8^{12}, 4^8, 2^4\})$	281474976710656
8	$\mathcal{O}(3; \{8^{12}, 4^{10}, 2\})$	1125899906842624
8	$\mathcal{O}(3; \{8^{14}, 4, 2^{11}\})$	35184372088832
8	$\mathcal{O}(3; \{8^{14}, 4^3, 2^8\})$	140737488355328
8	$\mathcal{O}(3; \{8^{14}, 4^5, 2^5\})$	562949953421312
8	$\mathcal{O}(3; \{8^{14}, 4^7, 2^2\})$	2251799813685248
8	$\mathcal{O}(3; \{8^{16}, 2^9\})$	281474976710656
8	$\mathcal{O}(3; \{8^{16}, 4^2, 2^6\})$	1125899906842624
8	$\mathcal{O}(3; \{8^{16}, 4^4, 2^3\})$	4503599627370496
8	$\mathcal{O}(3; \{8^{16}, 4^6\})$	18014398509481984
8	$\mathcal{O}(3; \{8^{18}, 4, 2^4\})$	9007199254740992
8	$\mathcal{O}(3; \{8^{18}, 4^3, 2\})$	36028797018963968
8	$\mathcal{O}(3; \{8^{20}, 2^2\})$	72057594037927936
8	$\mathcal{O}(2; \{4^2, 2^{38}\})$	7680
8	$\mathcal{O}(2; \{4^4, 2^{35}\})$	30720
8	$\mathcal{O}(2; \{4^6, 2^{32}\})$	122880

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{4^8, 2^{29}\})$	491520
8	$\mathcal{O}(2; \{4^{10}, 2^{26}\})$	1966080
8	$\mathcal{O}(2; \{4^{12}, 2^{23}\})$	7864320
8	$\mathcal{O}(2; \{4^{14}, 2^{20}\})$	31457280
8	$\mathcal{O}(2; \{4^{16}, 2^{17}\})$	125829120
8	$\mathcal{O}(2; \{4^{18}, 2^{14}\})$	503316480
8	$\mathcal{O}(2; \{4^{20}, 2^{11}\})$	2013265920
8	$\mathcal{O}(2; \{4^{22}, 2^8\})$	8053063680
8	$\mathcal{O}(2; \{4^{24}, 2^5\})$	32212254720
8	$\mathcal{O}(2; \{4^{26}, 2^2\})$	128849018880
8	$\mathcal{O}(2; \{8^2, 4, 2^{36}\})$	32768
8	$\mathcal{O}(2; \{8^2, 4^3, 2^{33}\})$	131072
8	$\mathcal{O}(2; \{8^2, 4^5, 2^{30}\})$	524288
8	$\mathcal{O}(2; \{8^2, 4^7, 2^{27}\})$	2097152
8	$\mathcal{O}(2; \{8^2, 4^9, 2^{24}\})$	8388608
8	$\mathcal{O}(2; \{8^2, 4^{11}, 2^{21}\})$	33554432
8	$\mathcal{O}(2; \{8^2, 4^{13}, 2^{18}\})$	134217728
8	$\mathcal{O}(2; \{8^2, 4^{15}, 2^{15}\})$	536870912
8	$\mathcal{O}(2; \{8^2, 4^{17}, 2^{12}\})$	2147483648
8	$\mathcal{O}(2; \{8^2, 4^{19}, 2^9\})$	8589934592
8	$\mathcal{O}(2; \{8^2, 4^{21}, 2^6\})$	34359738368
8	$\mathcal{O}(2; \{8^2, 4^{23}, 2^3\})$	137438953472
8	$\mathcal{O}(2; \{8^2, 4^{25}\})$	549755813888
8	$\mathcal{O}(2; \{8^4, 2^{34}\})$	262144
8	$\mathcal{O}(2; \{8^4, 4^2, 2^{31}\})$	1048576
8	$\mathcal{O}(2; \{8^4, 4^4, 2^{28}\})$	4194304
8	$\mathcal{O}(2; \{8^4, 4^6, 2^{25}\})$	16777216
8	$\mathcal{O}(2; \{8^4, 4^8, 2^{22}\})$	67108864
8	$\mathcal{O}(2; \{8^4, 4^{10}, 2^{19}\})$	268435456
8	$\mathcal{O}(2; \{8^4, 4^{12}, 2^{16}\})$	1073741824
8	$\mathcal{O}(2; \{8^4, 4^{14}, 2^{13}\})$	4294967296
8	$\mathcal{O}(2; \{8^4, 4^{16}, 2^{10}\})$	17179869184
8	$\mathcal{O}(2; \{8^4, 4^{18}, 2^7\})$	68719476736
8	$\mathcal{O}(2; \{8^4, 4^{20}, 2^4\})$	274877906944
8	$\mathcal{O}(2; \{8^4, 4^{22}, 2\})$	1099511627776
8	$\mathcal{O}(2; \{8^6, 4, 2^{29}\})$	8388608
8	$\mathcal{O}(2; \{8^6, 4^3, 2^{26}\})$	33554432
8	$\mathcal{O}(2; \{8^6, 4^5, 2^{23}\})$	134217728
8	$\mathcal{O}(2; \{8^6, 4^7, 2^{20}\})$	536870912
8	$\mathcal{O}(2; \{8^6, 4^9, 2^{17}\})$	2147483648
8	$\mathcal{O}(2; \{8^6, 4^{11}, 2^{14}\})$	8589934592
8	$\mathcal{O}(2; \{8^6, 4^{13}, 2^{11}\})$	34359738368
8	$\mathcal{O}(2; \{8^6, 4^{15}, 2^8\})$	137438953472

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{8^6, 4^{17}, 2^5\})$	549755813888
8	$\mathcal{O}(2; \{8^6, 4^{19}, 2^2\})$	2199023255552
8	$\mathcal{O}(2; \{8^8, 2^{27}\})$	67108864
8	$\mathcal{O}(2; \{8^8, 4^2, 2^{24}\})$	268435456
8	$\mathcal{O}(2; \{8^8, 4^4, 2^{21}\})$	1073741824
8	$\mathcal{O}(2; \{8^8, 4^6, 2^{18}\})$	4294967296
8	$\mathcal{O}(2; \{8^8, 4^8, 2^{15}\})$	17179869184
8	$\mathcal{O}(2; \{8^8, 4^{10}, 2^{12}\})$	68719476736
8	$\mathcal{O}(2; \{8^8, 4^{12}, 2^9\})$	274877906944
8	$\mathcal{O}(2; \{8^8, 4^{14}, 2^6\})$	1099511627776
8	$\mathcal{O}(2; \{8^8, 4^{16}, 2^3\})$	4398046511104
8	$\mathcal{O}(2; \{8^8, 4^{18}\})$	17592186044416
8	$\mathcal{O}(2; \{8^{10}, 4, 2^{22}\})$	2147483648
8	$\mathcal{O}(2; \{8^{10}, 4^3, 2^{19}\})$	8589934592
8	$\mathcal{O}(2; \{8^{10}, 4^5, 2^{16}\})$	34359738368
8	$\mathcal{O}(2; \{8^{10}, 4^7, 2^{13}\})$	137438953472
8	$\mathcal{O}(2; \{8^{10}, 4^9, 2^{10}\})$	549755813888
8	$\mathcal{O}(2; \{8^{10}, 4^{11}, 2^7\})$	2199023255552
8	$\mathcal{O}(2; \{8^{10}, 4^{13}, 2^4\})$	8796093022208
8	$\mathcal{O}(2; \{8^{10}, 4^{15}, 2\})$	35184372088832
8	$\mathcal{O}(2; \{8^{12}, 2^{20}\})$	17179869184
8	$\mathcal{O}(2; \{8^{12}, 4^2, 2^{17}\})$	68719476736
8	$\mathcal{O}(2; \{8^{12}, 4^4, 2^{14}\})$	274877906944
8	$\mathcal{O}(2; \{8^{12}, 4^6, 2^{11}\})$	1099511627776
8	$\mathcal{O}(2; \{8^{12}, 4^8, 2^8\})$	4398046511104
8	$\mathcal{O}(2; \{8^{12}, 4^{10}, 2^5\})$	17592186044416
8	$\mathcal{O}(2; \{8^{12}, 4^{12}, 2^2\})$	70368744177664
8	$\mathcal{O}(2; \{8^{14}, 4, 2^{15}\})$	549755813888
8	$\mathcal{O}(2; \{8^{14}, 4^3, 2^{12}\})$	2199023255552
8	$\mathcal{O}(2; \{8^{14}, 4^5, 2^9\})$	8796093022208
8	$\mathcal{O}(2; \{8^{14}, 4^7, 2^6\})$	35184372088832
8	$\mathcal{O}(2; \{8^{14}, 4^9, 2^3\})$	140737488355328
8	$\mathcal{O}(2; \{8^{14}, 4^{11}\})$	562949953421312
8	$\mathcal{O}(2; \{8^{16}, 2^{13}\})$	4398046511104
8	$\mathcal{O}(2; \{8^{16}, 4^2, 2^{10}\})$	17592186044416
8	$\mathcal{O}(2; \{8^{16}, 4^4, 2^7\})$	70368744177664
8	$\mathcal{O}(2; \{8^{16}, 4^6, 2^4\})$	281474976710656
8	$\mathcal{O}(2; \{8^{16}, 4^8, 2\})$	1125899906842624
8	$\mathcal{O}(2; \{8^{18}, 4, 2^8\})$	140737488355328
8	$\mathcal{O}(2; \{8^{18}, 4^3, 2^5\})$	562949953421312
8	$\mathcal{O}(2; \{8^{18}, 4^5, 2^2\})$	2251799813685248
8	$\mathcal{O}(2; \{8^{20}, 2^6\})$	1125899906842624
8	$\mathcal{O}(2; \{8^{20}, 4^2, 2^3\})$	4503599627370496

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{8^{20}, 4^4\})$	18014398509481984
8	$\mathcal{O}(2; \{8^{22}, 4, 2\})$	36028797018963968
8	$\mathcal{O}(1; \{4^2, 2^{42}\})$	96
8	$\mathcal{O}(1; \{4^4, 2^{39}\})$	384
8	$\mathcal{O}(1; \{4^6, 2^{36}\})$	1536
8	$\mathcal{O}(1; \{4^8, 2^{33}\})$	6144
8	$\mathcal{O}(1; \{4^{10}, 2^{30}\})$	24576
8	$\mathcal{O}(1; \{4^{12}, 2^{27}\})$	98304
8	$\mathcal{O}(1; \{4^{14}, 2^{24}\})$	393216
8	$\mathcal{O}(1; \{4^{16}, 2^{21}\})$	1572864
8	$\mathcal{O}(1; \{4^{18}, 2^{18}\})$	6291456
8	$\mathcal{O}(1; \{4^{20}, 2^{15}\})$	25165824
8	$\mathcal{O}(1; \{4^{22}, 2^{12}\})$	100663296
8	$\mathcal{O}(1; \{4^{24}, 2^9\})$	402653184
8	$\mathcal{O}(1; \{4^{26}, 2^6\})$	1610612736
8	$\mathcal{O}(1; \{4^{28}, 2^3\})$	6442450944
8	$\mathcal{O}(1; \{4^{30}\})$	25769803776
8	$\mathcal{O}(1; \{8^2, 4, 2^{40}\})$	512
8	$\mathcal{O}(1; \{8^2, 4^3, 2^{37}\})$	2048
8	$\mathcal{O}(1; \{8^2, 4^5, 2^{34}\})$	8192
8	$\mathcal{O}(1; \{8^2, 4^7, 2^{31}\})$	32768
8	$\mathcal{O}(1; \{8^2, 4^9, 2^{28}\})$	131072
8	$\mathcal{O}(1; \{8^2, 4^{11}, 2^{25}\})$	524288
8	$\mathcal{O}(1; \{8^2, 4^{13}, 2^{22}\})$	2097152
8	$\mathcal{O}(1; \{8^2, 4^{15}, 2^{19}\})$	8388608
8	$\mathcal{O}(1; \{8^2, 4^{17}, 2^{16}\})$	33554432
8	$\mathcal{O}(1; \{8^2, 4^{19}, 2^{13}\})$	134217728
8	$\mathcal{O}(1; \{8^2, 4^{21}, 2^{10}\})$	536870912
8	$\mathcal{O}(1; \{8^2, 4^{23}, 2^7\})$	2147483648
8	$\mathcal{O}(1; \{8^2, 4^{25}, 2^4\})$	8589934592
8	$\mathcal{O}(1; \{8^2, 4^{27}, 2\})$	34359738368
8	$\mathcal{O}(1; \{8^4, 2^{38}\})$	4096
8	$\mathcal{O}(1; \{8^4, 4^2, 2^{35}\})$	16384
8	$\mathcal{O}(1; \{8^4, 4^4, 2^{32}\})$	65536
8	$\mathcal{O}(1; \{8^4, 4^6, 2^{29}\})$	262144
8	$\mathcal{O}(1; \{8^4, 4^8, 2^{26}\})$	1048576
8	$\mathcal{O}(1; \{8^4, 4^{10}, 2^{23}\})$	4194304
8	$\mathcal{O}(1; \{8^4, 4^{12}, 2^{20}\})$	16777216
8	$\mathcal{O}(1; \{8^4, 4^{14}, 2^{17}\})$	67108864
8	$\mathcal{O}(1; \{8^4, 4^{16}, 2^{14}\})$	268435456
8	$\mathcal{O}(1; \{8^4, 4^{18}, 2^{11}\})$	1073741824
8	$\mathcal{O}(1; \{8^4, 4^{20}, 2^8\})$	4294967296
8	$\mathcal{O}(1; \{8^4, 4^{22}, 2^5\})$	17179869184

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{8^4, 4^{24}, 2^2\})$	68719476736
8	$\mathcal{O}(1; \{8^6, 4, 2^{33}\})$	131072
8	$\mathcal{O}(1; \{8^6, 4^3, 2^{30}\})$	524288
8	$\mathcal{O}(1; \{8^6, 4^5, 2^{27}\})$	2097152
8	$\mathcal{O}(1; \{8^6, 4^7, 2^{24}\})$	8388608
8	$\mathcal{O}(1; \{8^6, 4^9, 2^{21}\})$	33554432
8	$\mathcal{O}(1; \{8^6, 4^{11}, 2^{18}\})$	134217728
8	$\mathcal{O}(1; \{8^6, 4^{13}, 2^{15}\})$	536870912
8	$\mathcal{O}(1; \{8^6, 4^{15}, 2^{12}\})$	2147483648
8	$\mathcal{O}(1; \{8^6, 4^{17}, 2^9\})$	8589934592
8	$\mathcal{O}(1; \{8^6, 4^{19}, 2^6\})$	34359738368
8	$\mathcal{O}(1; \{8^6, 4^{21}, 2^3\})$	137438953472
8	$\mathcal{O}(1; \{8^6, 4^{23}\})$	549755813888
8	$\mathcal{O}(1; \{8^8, 2^{31}\})$	1048576
8	$\mathcal{O}(1; \{8^8, 4^2, 2^{28}\})$	4194304
8	$\mathcal{O}(1; \{8^8, 4^4, 2^{25}\})$	16777216
8	$\mathcal{O}(1; \{8^8, 4^6, 2^{22}\})$	67108864
8	$\mathcal{O}(1; \{8^8, 4^8, 2^{19}\})$	268435456
8	$\mathcal{O}(1; \{8^8, 4^{10}, 2^{16}\})$	1073741824
8	$\mathcal{O}(1; \{8^8, 4^{12}, 2^{13}\})$	4294967296
8	$\mathcal{O}(1; \{8^8, 4^{14}, 2^{10}\})$	17179869184
8	$\mathcal{O}(1; \{8^8, 4^{16}, 2^7\})$	68719476736
8	$\mathcal{O}(1; \{8^8, 4^{18}, 2^4\})$	274877906944
8	$\mathcal{O}(1; \{8^8, 4^{20}, 2\})$	1099511627776
8	$\mathcal{O}(1; \{8^{10}, 4, 2^{26}\})$	33554432
8	$\mathcal{O}(1; \{8^{10}, 4^3, 2^{23}\})$	134217728
8	$\mathcal{O}(1; \{8^{10}, 4^5, 2^{20}\})$	536870912
8	$\mathcal{O}(1; \{8^{10}, 4^7, 2^{17}\})$	2147483648
8	$\mathcal{O}(1; \{8^{10}, 4^9, 2^{14}\})$	8589934592
8	$\mathcal{O}(1; \{8^{10}, 4^{11}, 2^{11}\})$	34359738368
8	$\mathcal{O}(1; \{8^{10}, 4^{13}, 2^8\})$	137438953472
8	$\mathcal{O}(1; \{8^{10}, 4^{15}, 2^5\})$	549755813888
8	$\mathcal{O}(1; \{8^{10}, 4^{17}, 2^2\})$	2199023255552
8	$\mathcal{O}(1; \{8^{12}, 2^{24}\})$	268435456
8	$\mathcal{O}(1; \{8^{12}, 4^2, 2^{21}\})$	1073741824
8	$\mathcal{O}(1; \{8^{12}, 4^4, 2^{18}\})$	4294967296
8	$\mathcal{O}(1; \{8^{12}, 4^6, 2^{15}\})$	17179869184
8	$\mathcal{O}(1; \{8^{12}, 4^8, 2^{12}\})$	68719476736
8	$\mathcal{O}(1; \{8^{12}, 4^{10}, 2^9\})$	274877906944
8	$\mathcal{O}(1; \{8^{12}, 4^{12}, 2^6\})$	1099511627776
8	$\mathcal{O}(1; \{8^{12}, 4^{14}, 2^3\})$	4398046511104
8	$\mathcal{O}(1; \{8^{12}, 4^{16}\})$	17592186044416
8	$\mathcal{O}(1; \{8^{14}, 4, 2^{19}\})$	8589934592

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{8^{14}, 4^3, 2^{16}\})$	34359738368
8	$\mathcal{O}(1; \{8^{14}, 4^5, 2^{13}\})$	137438953472
8	$\mathcal{O}(1; \{8^{14}, 4^7, 2^{10}\})$	549755813888
8	$\mathcal{O}(1; \{8^{14}, 4^9, 2^7\})$	2199023255552
8	$\mathcal{O}(1; \{8^{14}, 4^{11}, 2^4\})$	8796093022208
8	$\mathcal{O}(1; \{8^{14}, 4^{13}, 2\})$	35184372088832
8	$\mathcal{O}(1; \{8^{16}, 2^{17}\})$	68719476736
8	$\mathcal{O}(1; \{8^{16}, 4^2, 2^{14}\})$	274877906944
8	$\mathcal{O}(1; \{8^{16}, 4^4, 2^{11}\})$	1099511627776
8	$\mathcal{O}(1; \{8^{16}, 4^6, 2^8\})$	4398046511104
8	$\mathcal{O}(1; \{8^{16}, 4^8, 2^5\})$	17592186044416
8	$\mathcal{O}(1; \{8^{16}, 4^{10}, 2^2\})$	70368744177664
8	$\mathcal{O}(1; \{8^{18}, 4, 2^{12}\})$	2199023255552
8	$\mathcal{O}(1; \{8^{18}, 4^3, 2^9\})$	8796093022208
8	$\mathcal{O}(1; \{8^{18}, 4^5, 2^6\})$	35184372088832
8	$\mathcal{O}(1; \{8^{18}, 4^7, 2^3\})$	140737488355328
8	$\mathcal{O}(1; \{8^{18}, 4^9\})$	562949953421312
8	$\mathcal{O}(1; \{8^{20}, 2^{10}\})$	17592186044416
8	$\mathcal{O}(1; \{8^{20}, 4^2, 2^7\})$	70368744177664
8	$\mathcal{O}(1; \{8^{20}, 4^4, 2^4\})$	281474976710656
8	$\mathcal{O}(1; \{8^{20}, 4^6, 2\})$	1125899906842624
8	$\mathcal{O}(1; \{8^{22}, 4, 2^5\})$	562949953421312
8	$\mathcal{O}(1; \{8^{22}, 4^3, 2^2\})$	2251799813685248
8	$\mathcal{O}(1; \{8^{24}, 2^3\})$	4503599627370496
8	$\mathcal{O}(1; \{8^{24}, 4^2\})$	18014398509481984
8	$\mathcal{O}(0; \{8^2, 4, 2^{44}\})$	8
8	$\mathcal{O}(0; \{8^2, 4^3, 2^{41}\})$	32
8	$\mathcal{O}(0; \{8^2, 4^5, 2^{38}\})$	128
8	$\mathcal{O}(0; \{8^2, 4^7, 2^{35}\})$	512
8	$\mathcal{O}(0; \{8^2, 4^9, 2^{32}\})$	2048
8	$\mathcal{O}(0; \{8^2, 4^{11}, 2^{29}\})$	8192
8	$\mathcal{O}(0; \{8^2, 4^{13}, 2^{26}\})$	32768
8	$\mathcal{O}(0; \{8^2, 4^{15}, 2^{23}\})$	131072
8	$\mathcal{O}(0; \{8^2, 4^{17}, 2^{20}\})$	524288
8	$\mathcal{O}(0; \{8^2, 4^{19}, 2^{17}\})$	2097152
8	$\mathcal{O}(0; \{8^2, 4^{21}, 2^{14}\})$	8388608
8	$\mathcal{O}(0; \{8^2, 4^{23}, 2^{11}\})$	33554432
8	$\mathcal{O}(0; \{8^2, 4^{25}, 2^8\})$	134217728
8	$\mathcal{O}(0; \{8^2, 4^{27}, 2^5\})$	536870912
8	$\mathcal{O}(0; \{8^2, 4^{29}, 2^2\})$	2147483648
8	$\mathcal{O}(0; \{8^4, 2^{42}\})$	64
8	$\mathcal{O}(0; \{8^4, 4^2, 2^{39}\})$	256
8	$\mathcal{O}(0; \{8^4, 4^4, 2^{36}\})$	1024

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{8^4, 4^6, 2^{33}\})$	4096
8	$\mathcal{O}(0; \{8^4, 4^8, 2^{30}\})$	16384
8	$\mathcal{O}(0; \{8^4, 4^{10}, 2^{27}\})$	65536
8	$\mathcal{O}(0; \{8^4, 4^{12}, 2^{24}\})$	262144
8	$\mathcal{O}(0; \{8^4, 4^{14}, 2^{21}\})$	1048576
8	$\mathcal{O}(0; \{8^4, 4^{16}, 2^{18}\})$	4194304
8	$\mathcal{O}(0; \{8^4, 4^{18}, 2^{15}\})$	16777216
8	$\mathcal{O}(0; \{8^4, 4^{20}, 2^{12}\})$	67108864
8	$\mathcal{O}(0; \{8^4, 4^{22}, 2^9\})$	268435456
8	$\mathcal{O}(0; \{8^4, 4^{24}, 2^6\})$	1073741824
8	$\mathcal{O}(0; \{8^4, 4^{26}, 2^3\})$	4294967296
8	$\mathcal{O}(0; \{8^4, 4^{28}\})$	17179869184
8	$\mathcal{O}(0; \{8^6, 4, 2^{37}\})$	2048
8	$\mathcal{O}(0; \{8^6, 4^3, 2^{34}\})$	8192
8	$\mathcal{O}(0; \{8^6, 4^5, 2^{31}\})$	32768
8	$\mathcal{O}(0; \{8^6, 4^7, 2^{28}\})$	131072
8	$\mathcal{O}(0; \{8^6, 4^9, 2^{25}\})$	524288
8	$\mathcal{O}(0; \{8^6, 4^{11}, 2^{22}\})$	2097152
8	$\mathcal{O}(0; \{8^6, 4^{13}, 2^{19}\})$	8388608
8	$\mathcal{O}(0; \{8^6, 4^{15}, 2^{16}\})$	33554432
8	$\mathcal{O}(0; \{8^6, 4^{17}, 2^{13}\})$	134217728
8	$\mathcal{O}(0; \{8^6, 4^{19}, 2^{10}\})$	536870912
8	$\mathcal{O}(0; \{8^6, 4^{21}, 2^7\})$	2147483648
8	$\mathcal{O}(0; \{8^6, 4^{23}, 2^4\})$	8589934592
8	$\mathcal{O}(0; \{8^6, 4^{25}, 2\})$	34359738368
8	$\mathcal{O}(0; \{8^8, 2^{35}\})$	16384
8	$\mathcal{O}(0; \{8^8, 4^2, 2^{32}\})$	65536
8	$\mathcal{O}(0; \{8^8, 4^4, 2^{29}\})$	262144
8	$\mathcal{O}(0; \{8^8, 4^6, 2^{26}\})$	1048576
8	$\mathcal{O}(0; \{8^8, 4^8, 2^{23}\})$	4194304
8	$\mathcal{O}(0; \{8^8, 4^{10}, 2^{20}\})$	16777216
8	$\mathcal{O}(0; \{8^8, 4^{12}, 2^{17}\})$	67108864
8	$\mathcal{O}(0; \{8^8, 4^{14}, 2^{14}\})$	268435456
8	$\mathcal{O}(0; \{8^8, 4^{16}, 2^{11}\})$	1073741824
8	$\mathcal{O}(0; \{8^8, 4^{18}, 2^8\})$	4294967296
8	$\mathcal{O}(0; \{8^8, 4^{20}, 2^5\})$	17179869184
8	$\mathcal{O}(0; \{8^8, 4^{22}, 2^2\})$	68719476736
8	$\mathcal{O}(0; \{8^{10}, 4, 2^{30}\})$	524288
8	$\mathcal{O}(0; \{8^{10}, 4^3, 2^{27}\})$	2097152
8	$\mathcal{O}(0; \{8^{10}, 4^5, 2^{24}\})$	8388608
8	$\mathcal{O}(0; \{8^{10}, 4^7, 2^{21}\})$	33554432
8	$\mathcal{O}(0; \{8^{10}, 4^9, 2^{18}\})$	134217728
8	$\mathcal{O}(0; \{8^{10}, 4^{11}, 2^{15}\})$	536870912

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{8^{10}, 4^{13}, 2^{12}\})$	2147483648
8	$\mathcal{O}(0; \{8^{10}, 4^{15}, 2^9\})$	8589934592
8	$\mathcal{O}(0; \{8^{10}, 4^{17}, 2^6\})$	34359738368
8	$\mathcal{O}(0; \{8^{10}, 4^{19}, 2^3\})$	137438953472
8	$\mathcal{O}(0; \{8^{10}, 4^{21}\})$	549755813888
8	$\mathcal{O}(0; \{8^{12}, 2^{28}\})$	4194304
8	$\mathcal{O}(0; \{8^{12}, 4^2, 2^{25}\})$	16777216
8	$\mathcal{O}(0; \{8^{12}, 4^4, 2^{22}\})$	67108864
8	$\mathcal{O}(0; \{8^{12}, 4^6, 2^{19}\})$	268435456
8	$\mathcal{O}(0; \{8^{12}, 4^8, 2^{16}\})$	1073741824
8	$\mathcal{O}(0; \{8^{12}, 4^{10}, 2^{13}\})$	4294967296
8	$\mathcal{O}(0; \{8^{12}, 4^{12}, 2^{10}\})$	17179869184
8	$\mathcal{O}(0; \{8^{12}, 4^{14}, 2^7\})$	68719476736
8	$\mathcal{O}(0; \{8^{12}, 4^{16}, 2^4\})$	274877906944
8	$\mathcal{O}(0; \{8^{12}, 4^{18}, 2\})$	1099511627776
8	$\mathcal{O}(0; \{8^{14}, 4, 2^{23}\})$	134217728
8	$\mathcal{O}(0; \{8^{14}, 4^3, 2^{20}\})$	536870912
8	$\mathcal{O}(0; \{8^{14}, 4^5, 2^{17}\})$	2147483648
8	$\mathcal{O}(0; \{8^{14}, 4^7, 2^{14}\})$	8589934592
8	$\mathcal{O}(0; \{8^{14}, 4^9, 2^{11}\})$	34359738368
8	$\mathcal{O}(0; \{8^{14}, 4^{11}, 2^8\})$	137438953472
8	$\mathcal{O}(0; \{8^{14}, 4^{13}, 2^5\})$	549755813888
8	$\mathcal{O}(0; \{8^{14}, 4^{15}, 2^2\})$	2199023255552
8	$\mathcal{O}(0; \{8^{16}, 2^{21}\})$	1073741824
8	$\mathcal{O}(0; \{8^{16}, 4^2, 2^{18}\})$	4294967296
8	$\mathcal{O}(0; \{8^{16}, 4^4, 2^{15}\})$	17179869184
8	$\mathcal{O}(0; \{8^{16}, 4^6, 2^{12}\})$	68719476736
8	$\mathcal{O}(0; \{8^{16}, 4^8, 2^9\})$	274877906944
8	$\mathcal{O}(0; \{8^{16}, 4^{10}, 2^6\})$	1099511627776
8	$\mathcal{O}(0; \{8^{16}, 4^{12}, 2^3\})$	4398046511104
8	$\mathcal{O}(0; \{8^{16}, 4^{14}\})$	17592186044416
8	$\mathcal{O}(0; \{8^{18}, 4, 2^{16}\})$	34359738368
8	$\mathcal{O}(0; \{8^{18}, 4^3, 2^{13}\})$	137438953472
8	$\mathcal{O}(0; \{8^{18}, 4^5, 2^{10}\})$	549755813888
8	$\mathcal{O}(0; \{8^{18}, 4^7, 2^7\})$	2199023255552
8	$\mathcal{O}(0; \{8^{18}, 4^9, 2^4\})$	8796093022208
8	$\mathcal{O}(0; \{8^{18}, 4^{11}, 2\})$	35184372088832
8	$\mathcal{O}(0; \{8^{20}, 2^{14}\})$	274877906944
8	$\mathcal{O}(0; \{8^{20}, 4^2, 2^{11}\})$	1099511627776
8	$\mathcal{O}(0; \{8^{20}, 4^4, 2^8\})$	4398046511104
8	$\mathcal{O}(0; \{8^{20}, 4^6, 2^5\})$	17592186044416
8	$\mathcal{O}(0; \{8^{20}, 4^8, 2^2\})$	70368744177664
8	$\mathcal{O}(0; \{8^{22}, 4, 2^9\})$	8796093022208

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{8^{22}, 4^3, 2^6\})$	35184372088832
8	$\mathcal{O}(0; \{8^{22}, 4^5, 2^3\})$	140737488355328
8	$\mathcal{O}(0; \{8^{22}, 4^7\})$	562949953421312
8	$\mathcal{O}(0; \{8^{24}, 2^7\})$	70368744177664
8	$\mathcal{O}(0; \{8^{24}, 4^2, 2^4\})$	281474976710656
8	$\mathcal{O}(0; \{8^{24}, 4^4, 2\})$	1125899906842624
8	$\mathcal{O}(0; \{8^{26}, 4, 2^2\})$	2251799813685248
8	$\mathcal{O}(0; \{8^{28}\})$	18014398509481984
9	$\mathcal{O}(11; \emptyset)$	984770902152230173272
9	$\mathcal{O}(10; \{3^3\})$	24315330911140288800
9	$\mathcal{O}(9; \{3^6\})$	3302081968010729904
9	$\mathcal{O}(9; \{9^3, 3^2\})$	10806813741383936712
9	$\mathcal{O}(8; \{3^9\})$	315013424786870400
9	$\mathcal{O}(8; \{9^3, 3^5\})$	1067339628778660416
9	$\mathcal{O}(8; \{9^6, 3\})$	19812491859203883972
9	$\mathcal{O}(7; \{3^{12}\})$	31249691959941072
9	$\mathcal{O}(7; \{9^3, 3^8\})$	105416259632460288
9	$\mathcal{O}(7; \{9^6, 3^4\})$	1956789319427544096
9	$\mathcal{O}(7; \{9^9\})$	25516088000489850570
9	$\mathcal{O}(6; \{3^{15}\})$	3084689593046880
9	$\mathcal{O}(6; \{9^3, 3^{11}\})$	10411482432835584
9	$\mathcal{O}(6; \{9^6, 3^7\})$	193263142659510528
9	$\mathcal{O}(6; \{9^9, 3^3\})$	2520107456838503760
9	$\mathcal{O}(5; \{3^{18}\})$	304677034708464
9	$\mathcal{O}(5; \{9^3, 3^{14}\})$	1028294561267712
9	$\mathcal{O}(5; \{9^6, 3^{10}\})$	19087717793531904
9	$\mathcal{O}(5; \{9^9, 3^6\})$	248899501909975680
9	$\mathcal{O}(5; \{9^{12}, 3^2\})$	3374967437295486408
9	$\mathcal{O}(4; \{3^{21}\})$	30087223848000
9	$\mathcal{O}(4; \{9^3, 3^{17}\})$	101559956668416
9	$\mathcal{O}(4; \{9^6, 3^{13}\})$	1885206695657472
9	$\mathcal{O}(4; \{9^9, 3^9\})$	24582666855306240
9	$\mathcal{O}(4; \{9^{12}, 3^5\})$	333330117263751744
9	$\mathcal{O}(4; \{9^{15}, 3\})$	4497485889475512756
9	$\mathcal{O}(3; \{3^{24}\})$	2967956973072
9	$\mathcal{O}(3; \{9^3, 3^{20}\})$	10030613004288
9	$\mathcal{O}(3; \{9^6, 3^{16}\})$	186193253892096
9	$\mathcal{O}(3; \{9^9, 3^{12}\})$	2427917714104320
9	$\mathcal{O}(3; \{9^{12}, 3^8\})$	32921493063086592
9	$\mathcal{O}(3; \{9^{15}, 3^4\})$	444196137232149408
9	$\mathcal{O}(3; \{9^{18}\})$	5997059634898206306
9	$\mathcal{O}(2; \{3^{27}\})$	289910288160
9	$\mathcal{O}(2; \{9^3, 3^{23}\})$	990677827584

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
9	$\mathcal{O}(2; \{9^6, 3^{19}\})$	18389457174528
9	$\mathcal{O}(2; \{9^9, 3^{15}\})$	239794342133760
9	$\mathcal{O}(2; \{9^{12}, 3^{11}\})$	3251505487712256
9	$\mathcal{O}(2; \{9^{15}, 3^7\})$	43871223430335744
9	$\mathcal{O}(2; \{9^{18}, 3^3\})$	592302186162785808
9	$\mathcal{O}(1; \{3^{30}\})$	25769803824
9	$\mathcal{O}(1; \{9^3, 3^{26}\})$	97844723712
9	$\mathcal{O}(1; \{9^6, 3^{22}\})$	1816242683904
9	$\mathcal{O}(1; \{9^9, 3^{18}\})$	23683391815680
9	$\mathcal{O}(1; \{9^{12}, 3^{14}\})$	321136344465408
9	$\mathcal{O}(1; \{9^{15}, 3^{10}\})$	4332960338798592
9	$\mathcal{O}(1; \{9^{18}, 3^6\})$	58498981349410944
9	$\mathcal{O}(1; \{9^{21}, 3^2\})$	789729469908172200
9	$\mathcal{O}(0; \{9^3, 3^{29}\})$	9663676416
9	$\mathcal{O}(0; \{9^6, 3^{25}\})$	179381993472
9	$\mathcal{O}(0; \{9^9, 3^{21}\})$	2339100426240
9	$\mathcal{O}(0; \{9^{12}, 3^{17}\})$	31717169823744
9	$\mathcal{O}(0; \{9^{15}, 3^{13}\})$	427946700128256
9	$\mathcal{O}(0; \{9^{18}, 3^9\})$	5777677170312192
9	$\mathcal{O}(0; \{9^{21}, 3^5\})$	77997972336609600
9	$\mathcal{O}(0; \{9^{24}, 3\})$	1052973756262375524
10	$\mathcal{O}(10; \emptyset)$	99999904632567310800
10	$\mathcal{O}(9; \{2^4\})$	99999999999737856
10	$\mathcal{O}(8; \{2^8\})$	999999999934464
10	$\mathcal{O}(8; \{5^5\})$	2039968872070312500
10	$\mathcal{O}(8; \{10, 5^2, 2^3\})$	12000000000000000
10	$\mathcal{O}(8; \{10^3, 5, 2\})$	52000000000000000
10	$\mathcal{O}(7; \{2^{12}\})$	9999999983616
10	$\mathcal{O}(7; \{5^5, 2^4\})$	20400000000000000
10	$\mathcal{O}(7; \{10, 5^2, 2^7\})$	12000000000000000
10	$\mathcal{O}(7; \{10^2, 5^4, 2^2\})$	82000000000000000
10	$\mathcal{O}(7; \{10^3, 5, 2^5\})$	52000000000000000
10	$\mathcal{O}(7; \{10^4, 5^3\})$	32760000000000000
10	$\mathcal{O}(7; \{10^5, 2^3\})$	20400000000000000
10	$\mathcal{O}(6; \{2^{16}\})$	99999995904
10	$\mathcal{O}(6; \{5^5, 2^8\})$	20400000000000000
10	$\mathcal{O}(6; \{5^{10}\})$	209664799804687500
10	$\mathcal{O}(6; \{10, 5^2, 2^{11}\})$	12000000000000000
10	$\mathcal{O}(6; \{10, 5^7, 2^3\})$	13108000000000000
10	$\mathcal{O}(6; \{10^2, 5^4, 2^6\})$	82000000000000000
10	$\mathcal{O}(6; \{10^3, 5, 2^9\})$	52000000000000000
10	$\mathcal{O}(6; \{10^3, 5^6, 2\})$	52428000000000000
10	$\mathcal{O}(6; \{10^4, 5^3, 2^4\})$	32760000000000000

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(6; \{10^5, 2^7\})$	204000000000000
10	$\mathcal{O}(6; \{10^6, 5^2, 2^2\})$	1310800000000000
10	$\mathcal{O}(6; \{10^8, 5\})$	5242800000000000
10	$\mathcal{O}(5; \{2^{20}\})$	9999998976
10	$\mathcal{O}(5; \{5^5, 2^{12}\})$	2040000000000
10	$\mathcal{O}(5; \{5^{10}, 2^4\})$	2097160000000000
10	$\mathcal{O}(5; \{10, 5^2, 2^{15}\})$	120000000000
10	$\mathcal{O}(5; \{10, 5^7, 2^7\})$	1310800000000000
10	$\mathcal{O}(5; \{10^2, 5^4, 2^{10}\})$	8200000000000
10	$\mathcal{O}(5; \{10^2, 5^9, 2^2\})$	8388600000000000
10	$\mathcal{O}(5; \{10^3, 5, 2^{13}\})$	5200000000000
10	$\mathcal{O}(5; \{10^3, 5^6, 2^5\})$	5242800000000000
10	$\mathcal{O}(5; \{10^4, 5^3, 2^8\})$	3276000000000000
10	$\mathcal{O}(5; \{10^4, 5^8\})$	33554440000000000
10	$\mathcal{O}(5; \{10^5, 2^{11}\})$	20400000000000
10	$\mathcal{O}(5; \{10^5, 5^5, 2^3\})$	2097160000000000
10	$\mathcal{O}(5; \{10^6, 5^2, 2^6\})$	1310800000000000
10	$\mathcal{O}(5; \{10^7, 5^4, 2\})$	8388600000000000
10	$\mathcal{O}(5; \{10^8, 5, 2^4\})$	5242800000000000
10	$\mathcal{O}(5; \{10^{10}, 2^2\})$	2097160000000000
10	$\mathcal{O}(4; \{2^{24}\})$	99999744
10	$\mathcal{O}(4; \{5^5, 2^{16}\})$	204000000000
10	$\mathcal{O}(4; \{5^{10}, 2^8\})$	209716000000000
10	$\mathcal{O}(4; \{5^{15}\})$	21390950320312500
10	$\mathcal{O}(4; \{10, 5^2, 2^{19}\})$	1200000000
10	$\mathcal{O}(4; \{10, 5^7, 2^{11}\})$	13108000000000
10	$\mathcal{O}(4; \{10, 5^{12}, 2^3\})$	1342177200000000
10	$\mathcal{O}(4; \{10^2, 5^4, 2^{14}\})$	820000000000
10	$\mathcal{O}(4; \{10^2, 5^9, 2^6\})$	8388600000000000
10	$\mathcal{O}(4; \{10^3, 5, 2^{17}\})$	52000000000
10	$\mathcal{O}(4; \{10^3, 5^6, 2^9\})$	52428000000000
10	$\mathcal{O}(4; \{10^3, 5^{11}, 2\})$	5368709200000000
10	$\mathcal{O}(4; \{10^4, 5^3, 2^{12}\})$	3276000000000
10	$\mathcal{O}(4; \{10^4, 5^8, 2^4\})$	3355444000000000
10	$\mathcal{O}(4; \{10^5, 2^{15}\})$	204000000000
10	$\mathcal{O}(4; \{10^5, 5^5, 2^7\})$	2097160000000000
10	$\mathcal{O}(4; \{10^6, 5^2, 2^{10}\})$	13108000000000
10	$\mathcal{O}(4; \{10^6, 5^7, 2^2\})$	1342177200000000
10	$\mathcal{O}(4; \{10^7, 5^4, 2^5\})$	8388600000000000
10	$\mathcal{O}(4; \{10^8, 5, 2^8\})$	52428000000000
10	$\mathcal{O}(4; \{10^8, 5^6\})$	5368709200000000
10	$\mathcal{O}(4; \{10^9, 5^3, 2^3\})$	3355444000000000
10	$\mathcal{O}(4; \{10^{10}, 2^6\})$	2097160000000000

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(4; \{10^{11}, 5^2, 2\})$	1342177200000000
10	$\mathcal{O}(3; \{2^{28}\})$	999936
10	$\mathcal{O}(3; \{5^5, 2^{20}\})$	204000000
10	$\mathcal{O}(3; \{5^{10}, 2^{12}\})$	209716000000
10	$\mathcal{O}(3; \{5^{15}, 2^4\})$	214748364000000
10	$\mathcal{O}(3; \{10, 5^2, 2^{23}\})$	12000000
10	$\mathcal{O}(3; \{10, 5^7, 2^{15}\})$	13108000000
10	$\mathcal{O}(3; \{10, 5^{12}, 2^7\})$	13421772000000
10	$\mathcal{O}(3; \{10^2, 5^4, 2^{18}\})$	820000000
10	$\mathcal{O}(3; \{10^2, 5^9, 2^{10}\})$	838860000000
10	$\mathcal{O}(3; \{10^2, 5^{14}, 2^2\})$	858993460000000
10	$\mathcal{O}(3; \{10^3, 5, 2^{21}\})$	52000000
10	$\mathcal{O}(3; \{10^3, 5^6, 2^{13}\})$	52428000000
10	$\mathcal{O}(3; \{10^3, 5^{11}, 2^5\})$	53687092000000
10	$\mathcal{O}(3; \{10^4, 5^3, 2^{16}\})$	3276000000
10	$\mathcal{O}(3; \{10^4, 5^8, 2^8\})$	3355444000000
10	$\mathcal{O}(3; \{10^4, 5^{13}\})$	3435973836000000
10	$\mathcal{O}(3; \{10^5, 2^{19}\})$	204000000
10	$\mathcal{O}(3; \{10^5, 5^5, 2^{11}\})$	209716000000
10	$\mathcal{O}(3; \{10^5, 5^{10}, 2^3\})$	214748364000000
10	$\mathcal{O}(3; \{10^6, 5^2, 2^{14}\})$	13108000000
10	$\mathcal{O}(3; \{10^6, 5^7, 2^6\})$	13421772000000
10	$\mathcal{O}(3; \{10^7, 5^4, 2^9\})$	838860000000
10	$\mathcal{O}(3; \{10^7, 5^9, 2\})$	858993460000000
10	$\mathcal{O}(3; \{10^8, 5, 2^{12}\})$	52428000000
10	$\mathcal{O}(3; \{10^8, 5^6, 2^4\})$	53687092000000
10	$\mathcal{O}(3; \{10^9, 5^3, 2^7\})$	3355444000000
10	$\mathcal{O}(3; \{10^{10}, 2^{10}\})$	209716000000
10	$\mathcal{O}(3; \{10^{10}, 5^5, 2^2\})$	214748364000000
10	$\mathcal{O}(3; \{10^{11}, 5^2, 2^5\})$	13421772000000
10	$\mathcal{O}(3; \{10^{12}, 5^4\})$	858993460000000
10	$\mathcal{O}(3; \{10^{13}, 5, 2^3\})$	53687092000000
10	$\mathcal{O}(3; \{10^{15}, 2\})$	214748364000000
10	$\mathcal{O}(2; \{2^{32}\})$	9984
10	$\mathcal{O}(2; \{5^5, 2^{24}\})$	2040000
10	$\mathcal{O}(2; \{5^{10}, 2^{16}\})$	2097160000
10	$\mathcal{O}(2; \{5^{15}, 2^8\})$	2147483640000
10	$\mathcal{O}(2; \{5^{20}\})$	2061584302087500
10	$\mathcal{O}(2; \{10, 5^2, 2^{27}\})$	120000
10	$\mathcal{O}(2; \{10, 5^7, 2^{19}\})$	131080000
10	$\mathcal{O}(2; \{10, 5^{12}, 2^{11}\})$	134217720000
10	$\mathcal{O}(2; \{10, 5^{17}, 2^3\})$	137438953480000
10	$\mathcal{O}(2; \{10^2, 5^4, 2^{22}\})$	8200000

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(2; \{10^2, 5^9, 2^{14}\})$	8388600000
10	$\mathcal{O}(2; \{10^2, 5^{14}, 2^6\})$	8589934600000
10	$\mathcal{O}(2; \{10^3, 5, 2^{25}\})$	520000
10	$\mathcal{O}(2; \{10^3, 5^6, 2^{17}\})$	524280000
10	$\mathcal{O}(2; \{10^3, 5^{11}, 2^9\})$	536870920000
10	$\mathcal{O}(2; \{10^3, 5^{16}, 2\})$	549755813880000
10	$\mathcal{O}(2; \{10^4, 5^3, 2^{20}\})$	32760000
10	$\mathcal{O}(2; \{10^4, 5^8, 2^{12}\})$	33554440000
10	$\mathcal{O}(2; \{10^4, 5^{13}, 2^4\})$	34359738360000
10	$\mathcal{O}(2; \{10^5, 2^{23}\})$	2040000
10	$\mathcal{O}(2; \{10^5, 5^5, 2^{15}\})$	2097160000
10	$\mathcal{O}(2; \{10^5, 5^{10}, 2^7\})$	2147483640000
10	$\mathcal{O}(2; \{10^6, 5^2, 2^{18}\})$	131080000
10	$\mathcal{O}(2; \{10^6, 5^7, 2^{10}\})$	134217720000
10	$\mathcal{O}(2; \{10^6, 5^{12}, 2^2\})$	137438953480000
10	$\mathcal{O}(2; \{10^7, 5^4, 2^{13}\})$	8388600000
10	$\mathcal{O}(2; \{10^7, 5^9, 2^5\})$	8589934600000
10	$\mathcal{O}(2; \{10^8, 5, 2^{16}\})$	524280000
10	$\mathcal{O}(2; \{10^8, 5^6, 2^8\})$	536870920000
10	$\mathcal{O}(2; \{10^8, 5^{11}\})$	549755813880000
10	$\mathcal{O}(2; \{10^9, 5^3, 2^{11}\})$	33554440000
10	$\mathcal{O}(2; \{10^9, 5^8, 2^3\})$	34359738360000
10	$\mathcal{O}(2; \{10^{10}, 2^{14}\})$	2097160000
10	$\mathcal{O}(2; \{10^{10}, 5^5, 2^6\})$	2147483640000
10	$\mathcal{O}(2; \{10^{11}, 5^2, 2^9\})$	134217720000
10	$\mathcal{O}(2; \{10^{11}, 5^7, 2\})$	137438953480000
10	$\mathcal{O}(2; \{10^{12}, 5^4, 2^4\})$	8589934600000
10	$\mathcal{O}(2; \{10^{13}, 5, 2^7\})$	536870920000
10	$\mathcal{O}(2; \{10^{14}, 5^3, 2^2\})$	34359738360000
10	$\mathcal{O}(2; \{10^{15}, 2^5\})$	2147483640000
10	$\mathcal{O}(2; \{10^{16}, 5^2\})$	137438953480000
10	$\mathcal{O}(1; \{2^{36}\})$	96
10	$\mathcal{O}(1; \{5^5, 2^{28}\})$	20400
10	$\mathcal{O}(1; \{5^{10}, 2^{20}\})$	20971600
10	$\mathcal{O}(1; \{5^{15}, 2^{12}\})$	21474836400
10	$\mathcal{O}(1; \{5^{20}, 2^4\})$	21990232555600
10	$\mathcal{O}(1; \{10, 5^2, 2^{31}\})$	1200
10	$\mathcal{O}(1; \{10, 5^7, 2^{23}\})$	1310800
10	$\mathcal{O}(1; \{10, 5^{12}, 2^{15}\})$	1342177200
10	$\mathcal{O}(1; \{10, 5^{17}, 2^7\})$	1374389534800
10	$\mathcal{O}(1; \{10^2, 5^4, 2^{26}\})$	82000
10	$\mathcal{O}(1; \{10^2, 5^9, 2^{18}\})$	83886000
10	$\mathcal{O}(1; \{10^2, 5^{14}, 2^{10}\})$	85899346000

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(1; \{10^2, 5^{19}, 2^2\})$	87960930222000
10	$\mathcal{O}(1; \{10^3, 5, 2^{29}\})$	5200
10	$\mathcal{O}(1; \{10^3, 5^6, 2^{21}\})$	5242800
10	$\mathcal{O}(1; \{10^3, 5^{11}, 2^{13}\})$	5368709200
10	$\mathcal{O}(1; \{10^3, 5^{16}, 2^5\})$	5497558138800
10	$\mathcal{O}(1; \{10^4, 5^3, 2^{24}\})$	327600
10	$\mathcal{O}(1; \{10^4, 5^8, 2^{16}\})$	335544400
10	$\mathcal{O}(1; \{10^4, 5^{13}, 2^8\})$	343597383600
10	$\mathcal{O}(1; \{10^4, 5^{18}\})$	351843720888400
10	$\mathcal{O}(1; \{10^5, 2^{27}\})$	20400
10	$\mathcal{O}(1; \{10^5, 5^5, 2^{19}\})$	20971600
10	$\mathcal{O}(1; \{10^5, 5^{10}, 2^{11}\})$	21474836400
10	$\mathcal{O}(1; \{10^5, 5^{15}, 2^3\})$	21990232555600
10	$\mathcal{O}(1; \{10^6, 5^2, 2^{22}\})$	1310800
10	$\mathcal{O}(1; \{10^6, 5^7, 2^{14}\})$	1342177200
10	$\mathcal{O}(1; \{10^6, 5^{12}, 2^6\})$	1374389534800
10	$\mathcal{O}(1; \{10^7, 5^4, 2^{17}\})$	83886000
10	$\mathcal{O}(1; \{10^7, 5^9, 2^9\})$	85899346000
10	$\mathcal{O}(1; \{10^7, 5^{14}, 2\})$	87960930222000
10	$\mathcal{O}(1; \{10^8, 5, 2^{20}\})$	5242800
10	$\mathcal{O}(1; \{10^8, 5^6, 2^{12}\})$	5368709200
10	$\mathcal{O}(1; \{10^8, 5^{11}, 2^4\})$	5497558138800
10	$\mathcal{O}(1; \{10^9, 5^3, 2^{15}\})$	335544400
10	$\mathcal{O}(1; \{10^9, 5^8, 2^7\})$	343597383600
10	$\mathcal{O}(1; \{10^{10}, 2^{18}\})$	20971600
10	$\mathcal{O}(1; \{10^{10}, 5^5, 2^{10}\})$	21474836400
10	$\mathcal{O}(1; \{10^{10}, 5^{10}, 2^2\})$	21990232555600
10	$\mathcal{O}(1; \{10^{11}, 5^2, 2^{13}\})$	1342177200
10	$\mathcal{O}(1; \{10^{11}, 5^7, 2^5\})$	1374389534800
10	$\mathcal{O}(1; \{10^{12}, 5^4, 2^8\})$	85899346000
10	$\mathcal{O}(1; \{10^{12}, 5^9\})$	87960930222000
10	$\mathcal{O}(1; \{10^{13}, 5, 2^{11}\})$	5368709200
10	$\mathcal{O}(1; \{10^{13}, 5^6, 2^3\})$	5497558138800
10	$\mathcal{O}(1; \{10^{14}, 5^3, 2^6\})$	343597383600
10	$\mathcal{O}(1; \{10^{15}, 2^9\})$	21474836400
10	$\mathcal{O}(1; \{10^{15}, 5^5, 2\})$	21990232555600
10	$\mathcal{O}(1; \{10^{16}, 5^2, 2^4\})$	1374389534800
10	$\mathcal{O}(1; \{10^{18}, 5, 2^2\})$	5497558138800
10	$\mathcal{O}(1; \{10^{20}\})$	21990232555600
10	$\mathcal{O}(0; \{5^5, 2^{32}\})$	204
10	$\mathcal{O}(0; \{5^{10}, 2^{24}\})$	209716
10	$\mathcal{O}(0; \{5^{15}, 2^{16}\})$	214748364
10	$\mathcal{O}(0; \{5^{20}, 2^8\})$	219902325556

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(0; \{10, 5^2, 2^{35}\})$	12
10	$\mathcal{O}(0; \{10, 5^7, 2^{27}\})$	13108
10	$\mathcal{O}(0; \{10, 5^{12}, 2^{19}\})$	13421772
10	$\mathcal{O}(0; \{10, 5^{17}, 2^{11}\})$	13743895348
10	$\mathcal{O}(0; \{10, 5^{22}, 2^3\})$	14073748835532
10	$\mathcal{O}(0; \{10^2, 5^4, 2^{30}\})$	820
10	$\mathcal{O}(0; \{10^2, 5^9, 2^{22}\})$	838860
10	$\mathcal{O}(0; \{10^2, 5^{14}, 2^{14}\})$	858993460
10	$\mathcal{O}(0; \{10^2, 5^{19}, 2^6\})$	879609302220
10	$\mathcal{O}(0; \{10^3, 5, 2^{33}\})$	52
10	$\mathcal{O}(0; \{10^3, 5^6, 2^{25}\})$	52428
10	$\mathcal{O}(0; \{10^3, 5^{11}, 2^{17}\})$	53687092
10	$\mathcal{O}(0; \{10^3, 5^{16}, 2^9\})$	54975581388
10	$\mathcal{O}(0; \{10^3, 5^{21}, 2\})$	56294995342132
10	$\mathcal{O}(0; \{10^4, 5^3, 2^{28}\})$	3276
10	$\mathcal{O}(0; \{10^4, 5^8, 2^{20}\})$	3355444
10	$\mathcal{O}(0; \{10^4, 5^{13}, 2^{12}\})$	3435973836
10	$\mathcal{O}(0; \{10^4, 5^{18}, 2^4\})$	3518437208884
10	$\mathcal{O}(0; \{10^5, 2^{31}\})$	204
10	$\mathcal{O}(0; \{10^5, 5^5, 2^{23}\})$	209716
10	$\mathcal{O}(0; \{10^5, 5^{10}, 2^{15}\})$	214748364
10	$\mathcal{O}(0; \{10^5, 5^{15}, 2^7\})$	219902325556
10	$\mathcal{O}(0; \{10^6, 5^2, 2^{26}\})$	13108
10	$\mathcal{O}(0; \{10^6, 5^7, 2^{18}\})$	13421772
10	$\mathcal{O}(0; \{10^6, 5^{12}, 2^{10}\})$	13743895348
10	$\mathcal{O}(0; \{10^6, 5^{17}, 2^2\})$	14073748835532
10	$\mathcal{O}(0; \{10^7, 5^4, 2^{21}\})$	838860
10	$\mathcal{O}(0; \{10^7, 5^9, 2^{13}\})$	858993460
10	$\mathcal{O}(0; \{10^7, 5^{14}, 2^5\})$	879609302220
10	$\mathcal{O}(0; \{10^8, 5, 2^{24}\})$	52428
10	$\mathcal{O}(0; \{10^8, 5^6, 2^{16}\})$	53687092
10	$\mathcal{O}(0; \{10^8, 5^{11}, 2^8\})$	54975581388
10	$\mathcal{O}(0; \{10^8, 5^{16}\})$	56294995342132
10	$\mathcal{O}(0; \{10^9, 5^3, 2^{19}\})$	3355444
10	$\mathcal{O}(0; \{10^9, 5^8, 2^{11}\})$	3435973836
10	$\mathcal{O}(0; \{10^9, 5^{13}, 2^3\})$	3518437208884
10	$\mathcal{O}(0; \{10^{10}, 2^{22}\})$	209716
10	$\mathcal{O}(0; \{10^{10}, 5^5, 2^{14}\})$	214748364
10	$\mathcal{O}(0; \{10^{10}, 5^{10}, 2^6\})$	219902325556
10	$\mathcal{O}(0; \{10^{11}, 5^2, 2^{17}\})$	13421772
10	$\mathcal{O}(0; \{10^{11}, 5^7, 2^9\})$	13743895348
10	$\mathcal{O}(0; \{10^{11}, 5^{12}, 2\})$	14073748835532
10	$\mathcal{O}(0; \{10^{12}, 5^4, 2^{12}\})$	858993460

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(0; \{10^{12}, 5^9, 2^4\})$	879609302220
10	$\mathcal{O}(0; \{10^{13}, 5, 2^{15}\})$	53687092
10	$\mathcal{O}(0; \{10^{13}, 5^6, 2^7\})$	54975581388
10	$\mathcal{O}(0; \{10^{14}, 5^3, 2^{10}\})$	3435973836
10	$\mathcal{O}(0; \{10^{14}, 5^8, 2^2\})$	3518437208884
10	$\mathcal{O}(0; \{10^{15}, 2^{13}\})$	214748364
10	$\mathcal{O}(0; \{10^{15}, 5^5, 2^5\})$	219902325556
10	$\mathcal{O}(0; \{10^{16}, 5^2, 2^8\})$	13743895348
10	$\mathcal{O}(0; \{10^{16}, 5^7\})$	14073748835532
10	$\mathcal{O}(0; \{10^{17}, 5^4, 2^3\})$	879609302220
10	$\mathcal{O}(0; \{10^{18}, 5, 2^6\})$	54975581388
10	$\mathcal{O}(0; \{10^{19}, 5^3, 2\})$	3518437208884
10	$\mathcal{O}(0; \{10^{20}, 2^4\})$	219902325556
11	$\mathcal{O}(6; \{11^7\})$	2853113852993293890
11	$\mathcal{O}(1; \{11^{18}\})$	1100000000000000110
12	$\mathcal{O}(8; \{2^2\})$	184881433490227200
12	$\mathcal{O}(7; \{2^6\})$	1283839831965696
12	$\mathcal{O}(7; \{3^3, 2^2\})$	2567680200769536
12	$\mathcal{O}(7; \{4^2, 2^3\})$	2567836392226816
12	$\mathcal{O}(7; \{4^4\})$	10271345568907264
12	$\mathcal{O}(7; \{6, 3, 2^3\})$	2567680200769536
12	$\mathcal{O}(7; \{6, 4^2, 3\})$	5135673858195456
12	$\mathcal{O}(7; \{6^2, 3^2\})$	7703040602308608
12	$\mathcal{O}(7; \{6^3, 2\})$	2567680200769536
12	$\mathcal{O}(7; \{12, 4, 3^2\})$	5135673858195456
12	$\mathcal{O}(7; \{12, 6, 4, 2\})$	5135673858195456
12	$\mathcal{O}(7; \{12^2, 3, 2\})$	5135673858195456
12	$\mathcal{O}(6; \{2^{10}\})$	8913906892800
12	$\mathcal{O}(6; \{3^3, 2^6\})$	17827847331840
12	$\mathcal{O}(6; \{3^6, 2^2\})$	196106320650240
12	$\mathcal{O}(6; \{4^2, 2^7\})$	17832167342080
12	$\mathcal{O}(6; \{4^2, 3^3, 2^3\})$	35664401793024
12	$\mathcal{O}(6; \{4^4, 2^4\})$	71328669368320
12	$\mathcal{O}(6; \{4^4, 3^3\})$	142657607172096
12	$\mathcal{O}(6; \{4^6, 2\})$	285314677473280
12	$\mathcal{O}(6; \{6, 3, 2^7\})$	17827847331840
12	$\mathcal{O}(6; \{6, 3^4, 2^3\})$	89139236659200
12	$\mathcal{O}(6; \{6, 4^2, 3, 2^4\})$	35664401793024
12	$\mathcal{O}(6; \{6, 4^2, 3^4\})$	178322008965120
12	$\mathcal{O}(6; \{6, 4^4, 3, 2\})$	142657607172096
12	$\mathcal{O}(6; \{6^2, 3^2, 2^4\})$	53483541995520
12	$\mathcal{O}(6; \{6^2, 3^5\})$	374384793968640
12	$\mathcal{O}(6; \{6^2, 4^2, 3^2, 2\})$	106993205379072

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(6; \{6^3, 2^5\})$	17827847331840
12	$\mathcal{O}(6; \{6^3, 3^3, 2\})$	196106320650240
12	$\mathcal{O}(6; \{6^3, 4^2, 2^2\})$	35664401793024
12	$\mathcal{O}(6; \{6^4, 3, 2^2\})$	89139236659200
12	$\mathcal{O}(6; \{6^6\})$	196106320650240
12	$\mathcal{O}(6; \{12, 4, 3^2, 2^4\})$	35664401793024
12	$\mathcal{O}(6; \{12, 4, 3^5\})$	392308419723264
12	$\mathcal{O}(6; \{12, 4^3, 3^2, 2\})$	142657607172096
12	$\mathcal{O}(6; \{12, 6, 4, 2^5\})$	35664401793024
12	$\mathcal{O}(6; \{12, 6, 4, 3^3, 2\})$	178322008965120
12	$\mathcal{O}(6; \{12, 6, 4^3, 2^2\})$	142657607172096
12	$\mathcal{O}(6; \{12, 6^2, 4, 3, 2^2\})$	106993205379072
12	$\mathcal{O}(6; \{12, 6^4, 4\})$	178322008965120
12	$\mathcal{O}(6; \{12^2, 3, 2^5\})$	35664401793024
12	$\mathcal{O}(6; \{12^2, 3^4, 2\})$	392308419723264
12	$\mathcal{O}(6; \{12^2, 4^2, 3, 2^2\})$	142657607172096
12	$\mathcal{O}(6; \{12^2, 6, 3^2, 2^2\})$	178322008965120
12	$\mathcal{O}(6; \{12^2, 6^2, 2^3\})$	106993205379072
12	$\mathcal{O}(6; \{12^2, 6^2, 4^2\})$	427972821516288
12	$\mathcal{O}(6; \{12^2, 6^3, 3\})$	392308419723264
12	$\mathcal{O}(6; \{12^3, 4, 2^3\})$	142657607172096
12	$\mathcal{O}(6; \{12^3, 4^3\})$	570630428688384
12	$\mathcal{O}(6; \{12^3, 6, 4, 3\})$	713288035860480
12	$\mathcal{O}(6; \{12^4, 3^2\})$	1569233678893056
12	$\mathcal{O}(6; \{12^4, 6, 2\})$	713288035860480
12	$\mathcal{O}(5; \{2^{14}\})$	61855850496
12	$\mathcal{O}(5; \{3^3, 2^{10}\})$	123713796096
12	$\mathcal{O}(5; \{3^6, 2^6\})$	1360851757056
12	$\mathcal{O}(5; \{3^9, 2^2\})$	10515672668160
12	$\mathcal{O}(5; \{4^2, 2^{11}\})$	123832631296
12	$\mathcal{O}(5; \{4^2, 3^3, 2^7\})$	247669456896
12	$\mathcal{O}(5; \{4^2, 3^6, 2^3\})$	2724364025856
12	$\mathcal{O}(5; \{4^4, 2^8\})$	495330525184
12	$\mathcal{O}(5; \{4^4, 3^3, 2^4\})$	990677827584
12	$\mathcal{O}(5; \{4^4, 3^6\})$	10897456103424
12	$\mathcal{O}(5; \{4^6, 2^5\})$	1981322100736
12	$\mathcal{O}(5; \{4^6, 3^3, 2\})$	3962711310336
12	$\mathcal{O}(5; \{4^8, 2^2\})$	7925288402944
12	$\mathcal{O}(5; \{6, 3, 2^{11}\})$	123713796096
12	$\mathcal{O}(5; \{6, 3^4, 2^7\})$	618568980480
12	$\mathcal{O}(5; \{6, 3^7, 2^3\})$	5319693232128
12	$\mathcal{O}(5; \{6, 4^2, 3, 2^8\})$	247669456896
12	$\mathcal{O}(5; \{6, 4^2, 3^4, 2^4\})$	1238347284480

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{6, 4^2, 3^7\})$	10649786646528
12	$\mathcal{O}(5; \{6, 4^4, 3, 2^5\})$	990677827584
12	$\mathcal{O}(5; \{6, 4^4, 3^4, 2\})$	4953389137920
12	$\mathcal{O}(5; \{6, 4^6, 3, 2^2\})$	3962711310336
12	$\mathcal{O}(5; \{6^2, 3^2, 2^8\})$	371141388288
12	$\mathcal{O}(5; \{6^2, 3^5, 2^4\})$	2597989718016
12	$\mathcal{O}(5; \{6^2, 3^8\})$	21155059132416
12	$\mathcal{O}(5; \{6^2, 4^2, 3^2, 2^5\})$	743008370688
12	$\mathcal{O}(5; \{6^2, 4^2, 3^5, 2\})$	5201058594816
12	$\mathcal{O}(5; \{6^2, 4^4, 3^2, 2^2\})$	2972033482752
12	$\mathcal{O}(5; \{6^3, 2^9\})$	123713796096
12	$\mathcal{O}(5; \{6^3, 3^3, 2^5\})$	1360851757056
12	$\mathcal{O}(5; \{6^3, 3^6, 2\})$	10515672668160
12	$\mathcal{O}(5; \{6^3, 4^2, 2^6\})$	247669456896
12	$\mathcal{O}(5; \{6^3, 4^2, 3^3, 2^2\})$	2724364025856
12	$\mathcal{O}(5; \{6^3, 4^4, 2^3\})$	990677827584
12	$\mathcal{O}(5; \{6^3, 4^6\})$	3962711310336
12	$\mathcal{O}(5; \{6^4, 3, 2^6\})$	618568980480
12	$\mathcal{O}(5; \{6^4, 3^4, 2^2\})$	5319693232128
12	$\mathcal{O}(5; \{6^4, 4^2, 3, 2^3\})$	1238347284480
12	$\mathcal{O}(5; \{6^4, 4^4, 3\})$	4953389137920
12	$\mathcal{O}(5; \{6^5, 3^2, 2^3\})$	2597989718016
12	$\mathcal{O}(5; \{6^5, 4^2, 3^2\})$	5201058594816
12	$\mathcal{O}(5; \{6^6, 2^4\})$	1360851757056
12	$\mathcal{O}(5; \{6^6, 3^3\})$	10515672668160
12	$\mathcal{O}(5; \{6^6, 4^2, 2\})$	2724364025856
12	$\mathcal{O}(5; \{6^7, 3, 2\})$	5319693232128
12	$\mathcal{O}(5; \{12, 4, 3^2, 2^8\})$	247669456896
12	$\mathcal{O}(5; \{12, 4, 3^5, 2^4\})$	2724364025856
12	$\mathcal{O}(5; \{12, 4, 3^8\})$	21051903836160
12	$\mathcal{O}(5; \{12, 4^3, 3^2, 2^5\})$	990677827584
12	$\mathcal{O}(5; \{12, 4^3, 3^5, 2\})$	10897456103424
12	$\mathcal{O}(5; \{12, 4^5, 3^2, 2^2\})$	3962711310336
12	$\mathcal{O}(5; \{12, 6, 4, 2^9\})$	247669456896
12	$\mathcal{O}(5; \{12, 6, 4, 3^3, 2^5\})$	1238347284480
12	$\mathcal{O}(5; \{12, 6, 4, 3^6, 2\})$	10649786646528
12	$\mathcal{O}(5; \{12, 6, 4^3, 2^6\})$	990677827584
12	$\mathcal{O}(5; \{12, 6, 4^3, 3^3, 2^2\})$	4953389137920
12	$\mathcal{O}(5; \{12, 6, 4^5, 2^3\})$	3962711310336
12	$\mathcal{O}(5; \{12, 6, 4^7\})$	15850845241344
12	$\mathcal{O}(5; \{12, 6^2, 4, 3, 2^6\})$	743008370688
12	$\mathcal{O}(5; \{12, 6^2, 4, 3^4, 2^2\})$	5201058594816
12	$\mathcal{O}(5; \{12, 6^2, 4^3, 3, 2^3\})$	2972033482752

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{12, 6^2, 4^5, 3\})$	11888133931008
12	$\mathcal{O}(5; \{12, 6^3, 4, 3^2, 2^3\})$	2724364025856
12	$\mathcal{O}(5; \{12, 6^3, 4^3, 3^2\})$	10897456103424
12	$\mathcal{O}(5; \{12, 6^4, 4, 2^4\})$	1238347284480
12	$\mathcal{O}(5; \{12, 6^4, 4, 3^3\})$	10649786646528
12	$\mathcal{O}(5; \{12, 6^4, 4^3, 2\})$	4953389137920
12	$\mathcal{O}(5; \{12, 6^5, 4, 3, 2\})$	5201058594816
12	$\mathcal{O}(5; \{12^2, 3, 2^9\})$	247669456896
12	$\mathcal{O}(5; \{12^2, 3^4, 2^5\})$	2724364025856
12	$\mathcal{O}(5; \{12^2, 3^7, 2\})$	21051903836160
12	$\mathcal{O}(5; \{12^2, 4^2, 3, 2^6\})$	990677827584
12	$\mathcal{O}(5; \{12^2, 4^2, 3^4, 2^2\})$	10897456103424
12	$\mathcal{O}(5; \{12^2, 4^4, 3, 2^3\})$	3962711310336
12	$\mathcal{O}(5; \{12^2, 4^6, 3\})$	15850845241344
12	$\mathcal{O}(5; \{12^2, 6, 3^2, 2^6\})$	1238347284480
12	$\mathcal{O}(5; \{12^2, 6, 3^5, 2^2\})$	10649786646528
12	$\mathcal{O}(5; \{12^2, 6, 4^2, 3^2, 2^3\})$	4953389137920
12	$\mathcal{O}(5; \{12^2, 6, 4^4, 3^2\})$	19813556551680
12	$\mathcal{O}(5; \{12^2, 6^2, 2^7\})$	743008370688
12	$\mathcal{O}(5; \{12^2, 6^2, 3^3, 2^3\})$	5201058594816
12	$\mathcal{O}(5; \{12^2, 6^2, 4^2, 2^4\})$	2972033482752
12	$\mathcal{O}(5; \{12^2, 6^2, 4^2, 3^3\})$	20804234379264
12	$\mathcal{O}(5; \{12^2, 6^2, 4^4, 2\})$	11888133931008
12	$\mathcal{O}(5; \{12^2, 6^3, 3, 2^4\})$	2724364025856
12	$\mathcal{O}(5; \{12^2, 6^3, 3^4\})$	21051903836160
12	$\mathcal{O}(5; \{12^2, 6^3, 4^2, 3, 2\})$	10897456103424
12	$\mathcal{O}(5; \{12^2, 6^4, 3^2, 2\})$	10649786646528
12	$\mathcal{O}(5; \{12^2, 6^5, 2^2\})$	5201058594816
12	$\mathcal{O}(5; \{12^3, 4, 2^7\})$	990677827584
12	$\mathcal{O}(5; \{12^3, 4, 3^3, 2^3\})$	10897456103424
12	$\mathcal{O}(5; \{12^3, 4^3, 2^4\})$	3962711310336
12	$\mathcal{O}(5; \{12^3, 4^3, 3^3\})$	43589824413696
12	$\mathcal{O}(5; \{12^3, 4^5, 2\})$	15850845241344
12	$\mathcal{O}(5; \{12^3, 6, 4, 3, 2^4\})$	4953389137920
12	$\mathcal{O}(5; \{12^3, 6, 4, 3^4\})$	42599146586112
12	$\mathcal{O}(5; \{12^3, 6, 4^3, 3, 2\})$	19813556551680
12	$\mathcal{O}(5; \{12^3, 6^2, 4, 3^2, 2\})$	20804234379264
12	$\mathcal{O}(5; \{12^3, 6^3, 4, 2^2\})$	10897456103424
12	$\mathcal{O}(5; \{12^4, 3^2, 2^4\})$	10897456103424
12	$\mathcal{O}(5; \{12^4, 3^5\})$	84207615344640
12	$\mathcal{O}(5; \{12^4, 4^2, 3^2, 2\})$	43589824413696
12	$\mathcal{O}(5; \{12^4, 6, 2^5\})$	4953389137920
12	$\mathcal{O}(5; \{12^4, 6, 3^3, 2\})$	42599146586112

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{12^4, 6, 4^2, 2^2\})$	19813556551680
12	$\mathcal{O}(5; \{12^4, 6^2, 3, 2^2\})$	20804234379264
12	$\mathcal{O}(5; \{12^4, 6^4\})$	42599146586112
12	$\mathcal{O}(5; \{12^5, 4, 3, 2^2\})$	43589824413696
12	$\mathcal{O}(5; \{12^5, 6^2, 4\})$	83216937517056
12	$\mathcal{O}(5; \{12^6, 2^3\})$	43589824413696
12	$\mathcal{O}(5; \{12^6, 4^2\})$	174359297654784
12	$\mathcal{O}(5; \{12^6, 6, 3\})$	170396586344448
12	$\mathcal{O}(4; \{2^{18}\})$	428236800
12	$\mathcal{O}(4; \{3^3, 2^{14}\})$	856604160
12	$\mathcal{O}(4; \{3^6, 2^{10}\})$	9422645760
12	$\mathcal{O}(4; \{3^9, 2^6\})$	72811353600
12	$\mathcal{O}(4; \{3^{12}, 2^2\})$	585060641280
12	$\mathcal{O}(4; \{4^2, 2^{15}\})$	859832320
12	$\mathcal{O}(4; \{4^2, 3^3, 2^{11}\})$	1719926784
12	$\mathcal{O}(4; \{4^2, 3^6, 2^7\})$	18919194624
12	$\mathcal{O}(4; \{4^2, 3^9, 2^3\})$	146193776640
12	$\mathcal{O}(4; \{4^4, 2^{12}\})$	3439329280
12	$\mathcal{O}(4; \{4^4, 3^3, 2^8\})$	6879707136
12	$\mathcal{O}(4; \{4^4, 3^6, 2^4\})$	75676778496
12	$\mathcal{O}(4; \{4^4, 3^9\})$	584775106560
12	$\mathcal{O}(4; \{4^6, 2^9\})$	13757317120
12	$\mathcal{O}(4; \{4^6, 3^3, 2^5\})$	27518828544
12	$\mathcal{O}(4; \{4^6, 3^6, 2\})$	302707113984
12	$\mathcal{O}(4; \{4^8, 2^6\})$	55029268480
12	$\mathcal{O}(4; \{4^8, 3^3, 2^2\})$	110075314176
12	$\mathcal{O}(4; \{4^{10}, 2^3\})$	220117073920
12	$\mathcal{O}(4; \{4^{12}\})$	880468295680
12	$\mathcal{O}(4; \{6, 3, 2^{15}\})$	856604160
12	$\mathcal{O}(4; \{6, 3^4, 2^{11}\})$	4283020800
12	$\mathcal{O}(4; \{6, 3^7, 2^7\})$	36833978880
12	$\mathcal{O}(4; \{6, 3^{10}, 2^3\})$	292102018560
12	$\mathcal{O}(4; \{6, 4^2, 3, 2^{12}\})$	1719926784
12	$\mathcal{O}(4; \{6, 4^2, 3^4, 2^8\})$	8599633920
12	$\mathcal{O}(4; \{6, 4^2, 3^7, 2^4\})$	73956851712
12	$\mathcal{O}(4; \{6, 4^2, 3^{10}\})$	586495033344
12	$\mathcal{O}(4; \{6, 4^4, 3, 2^9\})$	6879707136
12	$\mathcal{O}(4; \{6, 4^4, 3^4, 2^5\})$	34398535680
12	$\mathcal{O}(4; \{6, 4^4, 3^7, 2\})$	295827406848
12	$\mathcal{O}(4; \{6, 4^6, 3, 2^6\})$	27518828544
12	$\mathcal{O}(4; \{6, 4^6, 3^4, 2^2\})$	137594142720
12	$\mathcal{O}(4; \{6, 4^8, 3, 2^3\})$	110075314176
12	$\mathcal{O}(4; \{6, 4^{10}, 3\})$	440301256704

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{6^2, 3^2, 2^{12}\})$	2569812480
12	$\mathcal{O}(4; \{6^2, 3^5, 2^8\})$	17988687360
12	$\mathcal{O}(4; \{6^2, 3^8, 2^4\})$	146479311360
12	$\mathcal{O}(4; \{6^2, 3^{11}\})$	1169264678400
12	$\mathcal{O}(4; \{6^2, 4^2, 3^2, 2^9\})$	5159780352
12	$\mathcal{O}(4; \{6^2, 4^2, 3^5, 2^5\})$	36118462464
12	$\mathcal{O}(4; \{6^2, 4^2, 3^8, 2\})$	294107480064
12	$\mathcal{O}(4; \{6^2, 4^4, 3^2, 2^6\})$	20639121408
12	$\mathcal{O}(4; \{6^2, 4^4, 3^5, 2^2\})$	144473849856
12	$\mathcal{O}(4; \{6^2, 4^6, 3^2, 2^3\})$	82556485632
12	$\mathcal{O}(4; \{6^2, 4^8, 3^2\})$	330225942528
12	$\mathcal{O}(4; \{6^3, 2^{13}\})$	856604160
12	$\mathcal{O}(4; \{6^3, 3^3, 2^9\})$	9422645760
12	$\mathcal{O}(4; \{6^3, 3^6, 2^5\})$	72811353600
12	$\mathcal{O}(4; \{6^3, 3^9, 2\})$	585060641280
12	$\mathcal{O}(4; \{6^3, 4^2, 2^{10}\})$	1719926784
12	$\mathcal{O}(4; \{6^3, 4^2, 3^3, 2^6\})$	18919194624
12	$\mathcal{O}(4; \{6^3, 4^2, 3^6, 2^2\})$	146193776640
12	$\mathcal{O}(4; \{6^3, 4^4, 2^7\})$	6879707136
12	$\mathcal{O}(4; \{6^3, 4^4, 3^3, 2^3\})$	75676778496
12	$\mathcal{O}(4; \{6^3, 4^6, 2^4\})$	27518828544
12	$\mathcal{O}(4; \{6^3, 4^6, 3^3\})$	302707113984
12	$\mathcal{O}(4; \{6^3, 4^8, 2\})$	110075314176
12	$\mathcal{O}(4; \{6^4, 3, 2^{10}\})$	4283020800
12	$\mathcal{O}(4; \{6^4, 3^4, 2^6\})$	36833978880
12	$\mathcal{O}(4; \{6^4, 3^7, 2^2\})$	292102018560
12	$\mathcal{O}(4; \{6^4, 4^2, 3, 2^7\})$	8599633920
12	$\mathcal{O}(4; \{6^4, 4^2, 3^4, 2^3\})$	73956851712
12	$\mathcal{O}(4; \{6^4, 4^4, 3, 2^4\})$	34398535680
12	$\mathcal{O}(4; \{6^4, 4^4, 3^4\})$	295827406848
12	$\mathcal{O}(4; \{6^4, 4^6, 3, 2\})$	137594142720
12	$\mathcal{O}(4; \{6^5, 3^2, 2^7\})$	17988687360
12	$\mathcal{O}(4; \{6^5, 3^5, 2^3\})$	146479311360
12	$\mathcal{O}(4; \{6^5, 4^2, 3^2, 2^4\})$	36118462464
12	$\mathcal{O}(4; \{6^5, 4^2, 3^5\})$	294107480064
12	$\mathcal{O}(4; \{6^5, 4^4, 3^2, 2\})$	144473849856
12	$\mathcal{O}(4; \{6^6, 2^8\})$	9422645760
12	$\mathcal{O}(4; \{6^6, 3^3, 2^4\})$	72811353600
12	$\mathcal{O}(4; \{6^6, 3^6\})$	585060641280
12	$\mathcal{O}(4; \{6^6, 4^2, 2^5\})$	18919194624
12	$\mathcal{O}(4; \{6^6, 4^2, 3^3, 2\})$	146193776640
12	$\mathcal{O}(4; \{6^6, 4^4, 2^2\})$	75676778496
12	$\mathcal{O}(4; \{6^7, 3, 2^5\})$	36833978880

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{6^7, 3^4, 2\})$	292102018560
12	$\mathcal{O}(4; \{6^7, 4^2, 3, 2^2\})$	73956851712
12	$\mathcal{O}(4; \{6^8, 3^2, 2^2\})$	146479311360
12	$\mathcal{O}(4; \{6^9, 2^3\})$	72811353600
12	$\mathcal{O}(4; \{6^9, 4^2\})$	146193776640
12	$\mathcal{O}(4; \{6^{10}, 3\})$	292102018560
12	$\mathcal{O}(4; \{12, 4, 3^2, 2^{12}\})$	1719926784
12	$\mathcal{O}(4; \{12, 4, 3^5, 2^8\})$	18919194624
12	$\mathcal{O}(4; \{12, 4, 3^8, 2^4\})$	146193776640
12	$\mathcal{O}(4; \{12, 4, 3^{11}\})$	1174709993472
12	$\mathcal{O}(4; \{12, 4^3, 3^2, 2^9\})$	6879707136
12	$\mathcal{O}(4; \{12, 4^3, 3^5, 2^5\})$	75676778496
12	$\mathcal{O}(4; \{12, 4^3, 3^8, 2\})$	584775106560
12	$\mathcal{O}(4; \{12, 4^5, 3^2, 2^6\})$	27518828544
12	$\mathcal{O}(4; \{12, 4^5, 3^5, 2^2\})$	302707113984
12	$\mathcal{O}(4; \{12, 4^7, 3^2, 2^3\})$	110075314176
12	$\mathcal{O}(4; \{12, 4^9, 3^2\})$	440301256704
12	$\mathcal{O}(4; \{12, 6, 4, 2^{13}\})$	1719926784
12	$\mathcal{O}(4; \{12, 6, 4, 3^3, 2^9\})$	8599633920
12	$\mathcal{O}(4; \{12, 6, 4, 3^6, 2^5\})$	73956851712
12	$\mathcal{O}(4; \{12, 6, 4, 3^9, 2\})$	586495033344
12	$\mathcal{O}(4; \{12, 6, 4^3, 2^{10}\})$	6879707136
12	$\mathcal{O}(4; \{12, 6, 4^3, 3^3, 2^6\})$	34398535680
12	$\mathcal{O}(4; \{12, 6, 4^3, 3^6, 2^2\})$	295827406848
12	$\mathcal{O}(4; \{12, 6, 4^5, 2^7\})$	27518828544
12	$\mathcal{O}(4; \{12, 6, 4^5, 3^3, 2^3\})$	137594142720
12	$\mathcal{O}(4; \{12, 6, 4^7, 2^4\})$	110075314176
12	$\mathcal{O}(4; \{12, 6, 4^7, 3^3\})$	550376570880
12	$\mathcal{O}(4; \{12, 6, 4^9, 2\})$	440301256704
12	$\mathcal{O}(4; \{12, 6^2, 4, 3, 2^{10}\})$	5159780352
12	$\mathcal{O}(4; \{12, 6^2, 4, 3^4, 2^6\})$	36118462464
12	$\mathcal{O}(4; \{12, 6^2, 4, 3^7, 2^2\})$	294107480064
12	$\mathcal{O}(4; \{12, 6^2, 4^3, 3, 2^7\})$	20639121408
12	$\mathcal{O}(4; \{12, 6^2, 4^3, 3^4, 2^3\})$	144473849856
12	$\mathcal{O}(4; \{12, 6^2, 4^5, 3, 2^4\})$	82556485632
12	$\mathcal{O}(4; \{12, 6^2, 4^5, 3^4\})$	577895399424
12	$\mathcal{O}(4; \{12, 6^2, 4^7, 3, 2\})$	330225942528
12	$\mathcal{O}(4; \{12, 6^3, 4, 3^2, 2^7\})$	18919194624
12	$\mathcal{O}(4; \{12, 6^3, 4, 3^5, 2^3\})$	146193776640
12	$\mathcal{O}(4; \{12, 6^3, 4^3, 3^2, 2^4\})$	75676778496
12	$\mathcal{O}(4; \{12, 6^3, 4^3, 3^5\})$	584775106560
12	$\mathcal{O}(4; \{12, 6^3, 4^5, 3^2, 2\})$	302707113984
12	$\mathcal{O}(4; \{12, 6^4, 4, 2^8\})$	8599633920

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12, 6^4, 4, 3^3, 2^4\})$	73956851712
12	$\mathcal{O}(4; \{12, 6^4, 4, 3^6\})$	586495033344
12	$\mathcal{O}(4; \{12, 6^4, 4^3, 2^5\})$	34398535680
12	$\mathcal{O}(4; \{12, 6^4, 4^3, 3^3, 2\})$	295827406848
12	$\mathcal{O}(4; \{12, 6^4, 4^5, 2^2\})$	137594142720
12	$\mathcal{O}(4; \{12, 6^5, 4, 3, 2^5\})$	36118462464
12	$\mathcal{O}(4; \{12, 6^5, 4, 3^4, 2\})$	294107480064
12	$\mathcal{O}(4; \{12, 6^5, 4^3, 3, 2^2\})$	144473849856
12	$\mathcal{O}(4; \{12, 6^6, 4, 3^2, 2^2\})$	146193776640
12	$\mathcal{O}(4; \{12, 6^7, 4, 2^3\})$	73956851712
12	$\mathcal{O}(4; \{12, 6^7, 4^3\})$	295827406848
12	$\mathcal{O}(4; \{12, 6^8, 4, 3\})$	294107480064
12	$\mathcal{O}(4; \{12^2, 3, 2^{13}\})$	1719926784
12	$\mathcal{O}(4; \{12^2, 3^4, 2^9\})$	18919194624
12	$\mathcal{O}(4; \{12^2, 3^7, 2^5\})$	146193776640
12	$\mathcal{O}(4; \{12^2, 3^{10}, 2\})$	1174709993472
12	$\mathcal{O}(4; \{12^2, 4^2, 3, 2^{10}\})$	6879707136
12	$\mathcal{O}(4; \{12^2, 4^2, 3^4, 2^6\})$	75676778496
12	$\mathcal{O}(4; \{12^2, 4^2, 3^7, 2^2\})$	584775106560
12	$\mathcal{O}(4; \{12^2, 4^4, 3, 2^7\})$	27518828544
12	$\mathcal{O}(4; \{12^2, 4^4, 3^4, 2^3\})$	302707113984
12	$\mathcal{O}(4; \{12^2, 4^6, 3, 2^4\})$	110075314176
12	$\mathcal{O}(4; \{12^2, 4^6, 3^4\})$	1210828455936
12	$\mathcal{O}(4; \{12^2, 4^8, 3, 2\})$	440301256704
12	$\mathcal{O}(4; \{12^2, 6, 3^2, 2^{10}\})$	8599633920
12	$\mathcal{O}(4; \{12^2, 6, 3^5, 2^6\})$	73956851712
12	$\mathcal{O}(4; \{12^2, 6, 3^8, 2^2\})$	586495033344
12	$\mathcal{O}(4; \{12^2, 6, 4^2, 3^2, 2^7\})$	34398535680
12	$\mathcal{O}(4; \{12^2, 6, 4^2, 3^5, 2^3\})$	295827406848
12	$\mathcal{O}(4; \{12^2, 6, 4^4, 3^2, 2^4\})$	137594142720
12	$\mathcal{O}(4; \{12^2, 6, 4^4, 3^5\})$	1183309627392
12	$\mathcal{O}(4; \{12^2, 6, 4^6, 3^2, 2\})$	550376570880
12	$\mathcal{O}(4; \{12^2, 6^2, 2^{11}\})$	5159780352
12	$\mathcal{O}(4; \{12^2, 6^2, 3^3, 2^7\})$	36118462464
12	$\mathcal{O}(4; \{12^2, 6^2, 3^6, 2^3\})$	294107480064
12	$\mathcal{O}(4; \{12^2, 6^2, 4^2, 2^8\})$	20639121408
12	$\mathcal{O}(4; \{12^2, 6^2, 4^2, 3^3, 2^4\})$	144473849856
12	$\mathcal{O}(4; \{12^2, 6^2, 4^2, 3^6\})$	1176429920256
12	$\mathcal{O}(4; \{12^2, 6^2, 4^4, 2^5\})$	82556485632
12	$\mathcal{O}(4; \{12^2, 6^2, 4^4, 3^3, 2\})$	577895399424
12	$\mathcal{O}(4; \{12^2, 6^2, 4^6, 2^2\})$	330225942528
12	$\mathcal{O}(4; \{12^2, 6^3, 3, 2^8\})$	18919194624
12	$\mathcal{O}(4; \{12^2, 6^3, 3^4, 2^4\})$	146193776640

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^2, 6^3, 3^7\})$	1174709993472
12	$\mathcal{O}(4; \{12^2, 6^3, 4^2, 3, 2^5\})$	75676778496
12	$\mathcal{O}(4; \{12^2, 6^3, 4^2, 3^4, 2\})$	584775106560
12	$\mathcal{O}(4; \{12^2, 6^3, 4^4, 3, 2^2\})$	302707113984
12	$\mathcal{O}(4; \{12^2, 6^4, 3^2, 2^5\})$	73956851712
12	$\mathcal{O}(4; \{12^2, 6^4, 3^5, 2\})$	586495033344
12	$\mathcal{O}(4; \{12^2, 6^4, 4^2, 3^2, 2^2\})$	295827406848
12	$\mathcal{O}(4; \{12^2, 6^5, 2^6\})$	36118462464
12	$\mathcal{O}(4; \{12^2, 6^5, 3^3, 2^2\})$	294107480064
12	$\mathcal{O}(4; \{12^2, 6^5, 4^2, 2^3\})$	144473849856
12	$\mathcal{O}(4; \{12^2, 6^5, 4^4\})$	577895399424
12	$\mathcal{O}(4; \{12^2, 6^6, 3, 2^3\})$	146193776640
12	$\mathcal{O}(4; \{12^2, 6^6, 4^2, 3\})$	584775106560
12	$\mathcal{O}(4; \{12^2, 6^7, 3^2\})$	586495033344
12	$\mathcal{O}(4; \{12^2, 6^8, 2\})$	294107480064
12	$\mathcal{O}(4; \{12^3, 4, 2^{11}\})$	6879707136
12	$\mathcal{O}(4; \{12^3, 4, 3^3, 2^7\})$	75676778496
12	$\mathcal{O}(4; \{12^3, 4, 3^6, 2^3\})$	584775106560
12	$\mathcal{O}(4; \{12^3, 4^3, 2^8\})$	27518828544
12	$\mathcal{O}(4; \{12^3, 4^3, 3^3, 2^4\})$	302707113984
12	$\mathcal{O}(4; \{12^3, 4^3, 3^6\})$	2339100426240
12	$\mathcal{O}(4; \{12^3, 4^5, 2^5\})$	110075314176
12	$\mathcal{O}(4; \{12^3, 4^5, 3^3, 2\})$	1210828455936
12	$\mathcal{O}(4; \{12^3, 4^7, 2^2\})$	440301256704
12	$\mathcal{O}(4; \{12^3, 6, 4, 3, 2^8\})$	34398535680
12	$\mathcal{O}(4; \{12^3, 6, 4, 3^4, 2^4\})$	295827406848
12	$\mathcal{O}(4; \{12^3, 6, 4, 3^7\})$	2345980133376
12	$\mathcal{O}(4; \{12^3, 6, 4^3, 3, 2^5\})$	137594142720
12	$\mathcal{O}(4; \{12^3, 6, 4^3, 3^4, 2\})$	1183309627392
12	$\mathcal{O}(4; \{12^3, 6, 4^5, 3, 2^2\})$	550376570880
12	$\mathcal{O}(4; \{12^3, 6^2, 4, 3^2, 2^5\})$	144473849856
12	$\mathcal{O}(4; \{12^3, 6^2, 4, 3^5, 2\})$	1176429920256
12	$\mathcal{O}(4; \{12^3, 6^2, 4^3, 3^2, 2^2\})$	577895399424
12	$\mathcal{O}(4; \{12^3, 6^3, 4, 2^6\})$	75676778496
12	$\mathcal{O}(4; \{12^3, 6^3, 4, 3^3, 2^2\})$	584775106560
12	$\mathcal{O}(4; \{12^3, 6^3, 4^3, 2^3\})$	302707113984
12	$\mathcal{O}(4; \{12^3, 6^3, 4^5\})$	1210828455936
12	$\mathcal{O}(4; \{12^3, 6^4, 4, 3, 2^3\})$	295827406848
12	$\mathcal{O}(4; \{12^3, 6^4, 4^3, 3\})$	1183309627392
12	$\mathcal{O}(4; \{12^3, 6^5, 4, 3^2\})$	1176429920256
12	$\mathcal{O}(4; \{12^3, 6^6, 4, 2\})$	584775106560
12	$\mathcal{O}(4; \{12^4, 3^2, 2^8\})$	75676778496
12	$\mathcal{O}(4; \{12^4, 3^5, 2^4\})$	584775106560

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^4, 3^8\})$	4698839973888
12	$\mathcal{O}(4; \{12^4, 4^2, 3^2, 2^5\})$	302707113984
12	$\mathcal{O}(4; \{12^4, 4^2, 3^5, 2\})$	2339100426240
12	$\mathcal{O}(4; \{12^4, 4^4, 3^2, 2^2\})$	1210828455936
12	$\mathcal{O}(4; \{12^4, 6, 2^9\})$	34398535680
12	$\mathcal{O}(4; \{12^4, 6, 3^3, 2^5\})$	295827406848
12	$\mathcal{O}(4; \{12^4, 6, 3^6, 2\})$	2345980133376
12	$\mathcal{O}(4; \{12^4, 6, 4^2, 2^6\})$	137594142720
12	$\mathcal{O}(4; \{12^4, 6, 4^2, 3^3, 2^2\})$	1183309627392
12	$\mathcal{O}(4; \{12^4, 6, 4^4, 2^3\})$	550376570880
12	$\mathcal{O}(4; \{12^4, 6, 4^6\})$	2201506283520
12	$\mathcal{O}(4; \{12^4, 6^2, 3, 2^6\})$	144473849856
12	$\mathcal{O}(4; \{12^4, 6^2, 3^4, 2^2\})$	1176429920256
12	$\mathcal{O}(4; \{12^4, 6^2, 4^2, 3, 2^3\})$	577895399424
12	$\mathcal{O}(4; \{12^4, 6^2, 4^4, 3\})$	2311581597696
12	$\mathcal{O}(4; \{12^4, 6^3, 3^2, 2^3\})$	584775106560
12	$\mathcal{O}(4; \{12^4, 6^3, 4^2, 3^2\})$	2339100426240
12	$\mathcal{O}(4; \{12^4, 6^4, 2^4\})$	295827406848
12	$\mathcal{O}(4; \{12^4, 6^4, 3^3\})$	2345980133376
12	$\mathcal{O}(4; \{12^4, 6^4, 4^2, 2\})$	1183309627392
12	$\mathcal{O}(4; \{12^4, 6^5, 3, 2\})$	1176429920256
12	$\mathcal{O}(4; \{12^5, 4, 3, 2^6\})$	302707113984
12	$\mathcal{O}(4; \{12^5, 4, 3^4, 2^2\})$	2339100426240
12	$\mathcal{O}(4; \{12^5, 4^3, 3, 2^3\})$	1210828455936
12	$\mathcal{O}(4; \{12^5, 4^5, 3\})$	4843313823744
12	$\mathcal{O}(4; \{12^5, 6, 4, 3^2, 2^3\})$	1183309627392
12	$\mathcal{O}(4; \{12^5, 6, 4^3, 3^2\})$	4733238509568
12	$\mathcal{O}(4; \{12^5, 6^2, 4, 2^4\})$	577895399424
12	$\mathcal{O}(4; \{12^5, 6^2, 4, 3^3\})$	4705719681024
12	$\mathcal{O}(4; \{12^5, 6^2, 4^3, 2\})$	2311581597696
12	$\mathcal{O}(4; \{12^5, 6^3, 4, 3, 2\})$	2339100426240
12	$\mathcal{O}(4; \{12^6, 2^7\})$	302707113984
12	$\mathcal{O}(4; \{12^6, 3^3, 2^3\})$	2339100426240
12	$\mathcal{O}(4; \{12^6, 4^2, 2^4\})$	1210828455936
12	$\mathcal{O}(4; \{12^6, 4^2, 3^3\})$	9356401704960
12	$\mathcal{O}(4; \{12^6, 4^4, 2\})$	4843313823744
12	$\mathcal{O}(4; \{12^6, 6, 3, 2^4\})$	1183309627392
12	$\mathcal{O}(4; \{12^6, 6, 3^4\})$	9383920533504
12	$\mathcal{O}(4; \{12^6, 6, 4^2, 3, 2\})$	4733238509568
12	$\mathcal{O}(4; \{12^6, 6^2, 3^2, 2\})$	4705719681024
12	$\mathcal{O}(4; \{12^6, 6^3, 2^2\})$	2339100426240
12	$\mathcal{O}(4; \{12^7, 4, 3^2, 2\})$	9356401704960
12	$\mathcal{O}(4; \{12^7, 6, 4, 2^2\})$	4733238509568

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^8, 3, 2^2\})$	9356401704960
12	$\mathcal{O}(4; \{12^8, 6^2\})$	18822878724096
12	$\mathcal{O}(4; \{12^9, 4\})$	37425606819840
12	$\mathcal{O}(3; \{2^{22}\})$	2935296
12	$\mathcal{O}(3; \{3^3, 2^{18}\})$	5878656
12	$\mathcal{O}(3; \{3^6, 2^{14}\})$	64665216
12	$\mathcal{O}(3; \{3^9, 2^{10}\})$	499685760
12	$\mathcal{O}(3; \{3^{12}, 2^6\})$	4015122048
12	$\mathcal{O}(3; \{3^{15}, 2^2\})$	32103340416
12	$\mathcal{O}(3; \{4^2, 2^{19}\})$	5963776
12	$\mathcal{O}(3; \{4^2, 3^3, 2^{15}\})$	11943936
12	$\mathcal{O}(3; \{4^2, 3^6, 2^{11}\})$	131383296
12	$\mathcal{O}(3; \{4^2, 3^9, 2^7\})$	1015234560
12	$\mathcal{O}(3; \{4^2, 3^{12}, 2^3\})$	8157708288
12	$\mathcal{O}(3; \{4^4, 2^{16}\})$	23855104
12	$\mathcal{O}(3; \{4^4, 3^3, 2^{12}\})$	47775744
12	$\mathcal{O}(3; \{4^4, 3^6, 2^8\})$	525533184
12	$\mathcal{O}(3; \{4^4, 3^9, 2^4\})$	4060938240
12	$\mathcal{O}(3; \{4^4, 3^{12}\})$	32630833152
12	$\mathcal{O}(3; \{4^6, 2^{13}\})$	95420416
12	$\mathcal{O}(3; \{4^6, 3^3, 2^9\})$	191102976
12	$\mathcal{O}(3; \{4^6, 3^6, 2^5\})$	2102132736
12	$\mathcal{O}(3; \{4^6, 3^9, 2\})$	16243752960
12	$\mathcal{O}(3; \{4^8, 2^{10}\})$	381681664
12	$\mathcal{O}(3; \{4^8, 3^3, 2^6\})$	764411904
12	$\mathcal{O}(3; \{4^8, 3^6, 2^2\})$	8408530944
12	$\mathcal{O}(3; \{4^{10}, 2^7\})$	1526726656
12	$\mathcal{O}(3; \{4^{10}, 3^3, 2^3\})$	3057647616
12	$\mathcal{O}(3; \{4^{12}, 2^4\})$	6106906624
12	$\mathcal{O}(3; \{4^{12}, 3^3\})$	12230590464
12	$\mathcal{O}(3; \{4^{14}, 2\})$	24427626496
12	$\mathcal{O}(3; \{6, 3, 2^{19}\})$	5878656
12	$\mathcal{O}(3; \{6, 3^4, 2^{15}\})$	29393280
12	$\mathcal{O}(3; \{6, 3^7, 2^{11}\})$	252782208
12	$\mathcal{O}(3; \{6, 3^{10}, 2^7\})$	2004621696
12	$\mathcal{O}(3; \{6, 3^{13}, 2^3\})$	16054609536
12	$\mathcal{O}(3; \{6, 4^2, 3, 2^{16}\})$	11943936
12	$\mathcal{O}(3; \{6, 4^2, 3^4, 2^{12}\})$	59719680
12	$\mathcal{O}(3; \{6, 4^2, 3^7, 2^8\})$	513589248
12	$\mathcal{O}(3; \{6, 4^2, 3^{10}, 2^4\})$	4072882176
12	$\mathcal{O}(3; \{6, 4^2, 3^{13}\})$	32618889216
12	$\mathcal{O}(3; \{6, 4^4, 3, 2^{13}\})$	47775744
12	$\mathcal{O}(3; \{6, 4^4, 3^4, 2^9\})$	238878720

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{6, 4^4, 3^7, 2^5\})$	2054356992
12	$\mathcal{O}(3; \{6, 4^4, 3^{10}, 2\})$	16291528704
12	$\mathcal{O}(3; \{6, 4^6, 3, 2^{10}\})$	191102976
12	$\mathcal{O}(3; \{6, 4^6, 3^4, 2^6\})$	955514880
12	$\mathcal{O}(3; \{6, 4^6, 3^7, 2^2\})$	8217427968
12	$\mathcal{O}(3; \{6, 4^8, 3, 2^7\})$	764411904
12	$\mathcal{O}(3; \{6, 4^8, 3^4, 2^3\})$	3822059520
12	$\mathcal{O}(3; \{6, 4^{10}, 3, 2^4\})$	3057647616
12	$\mathcal{O}(3; \{6, 4^{10}, 3^4\})$	15288238080
12	$\mathcal{O}(3; \{6, 4^{12}, 3, 2\})$	12230590464
12	$\mathcal{O}(3; \{6^2, 3^2, 2^{16}\})$	17635968
12	$\mathcal{O}(3; \{6^2, 3^5, 2^{12}\})$	123451776
12	$\mathcal{O}(3; \{6^2, 3^8, 2^8\})$	1005250176
12	$\mathcal{O}(3; \{6^2, 3^{11}, 2^4\})$	8024365440
12	$\mathcal{O}(3; \{6^2, 3^{14}\})$	64212559488
12	$\mathcal{O}(3; \{6^2, 4^2, 3^2, 2^{13}\})$	35831808
12	$\mathcal{O}(3; \{6^2, 4^2, 3^5, 2^9\})$	250822656
12	$\mathcal{O}(3; \{6^2, 4^2, 3^8, 2^5\})$	2042413056
12	$\mathcal{O}(3; \{6^2, 4^2, 3^{11}, 2\})$	16303472640
12	$\mathcal{O}(3; \{6^2, 4^4, 3^2, 2^{10}\})$	143327232
12	$\mathcal{O}(3; \{6^2, 4^4, 3^5, 2^6\})$	1003290624
12	$\mathcal{O}(3; \{6^2, 4^4, 3^8, 2^2\})$	8169652224
12	$\mathcal{O}(3; \{6^2, 4^6, 3^2, 2^7\})$	573308928
12	$\mathcal{O}(3; \{6^2, 4^6, 3^5, 2^3\})$	4013162496
12	$\mathcal{O}(3; \{6^2, 4^8, 3^2, 2^4\})$	2293235712
12	$\mathcal{O}(3; \{6^2, 4^8, 3^5\})$	16052649984
12	$\mathcal{O}(3; \{6^2, 4^{10}, 3^2, 2\})$	9172942848
12	$\mathcal{O}(3; \{6^3, 2^{17}\})$	5878656
12	$\mathcal{O}(3; \{6^3, 3^3, 2^{13}\})$	64665216
12	$\mathcal{O}(3; \{6^3, 3^6, 2^9\})$	499685760
12	$\mathcal{O}(3; \{6^3, 3^9, 2^5\})$	4015122048
12	$\mathcal{O}(3; \{6^3, 3^{12}, 2\})$	32103340416
12	$\mathcal{O}(3; \{6^3, 4^2, 2^{14}\})$	11943936
12	$\mathcal{O}(3; \{6^3, 4^2, 3^3, 2^{10}\})$	131383296
12	$\mathcal{O}(3; \{6^3, 4^2, 3^6, 2^6\})$	1015234560
12	$\mathcal{O}(3; \{6^3, 4^2, 3^9, 2^2\})$	8157708288
12	$\mathcal{O}(3; \{6^3, 4^4, 2^{11}\})$	47775744
12	$\mathcal{O}(3; \{6^3, 4^4, 3^3, 2^7\})$	525533184
12	$\mathcal{O}(3; \{6^3, 4^4, 3^6, 2^3\})$	4060938240
12	$\mathcal{O}(3; \{6^3, 4^6, 2^8\})$	191102976
12	$\mathcal{O}(3; \{6^3, 4^6, 3^3, 2^4\})$	2102132736
12	$\mathcal{O}(3; \{6^3, 4^6, 3^6\})$	16243752960
12	$\mathcal{O}(3; \{6^3, 4^8, 2^5\})$	764411904

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{6^3, 4^8, 3^3, 2\})$	8408530944
12	$\mathcal{O}(3; \{6^3, 4^{10}, 2^2\})$	3057647616
12	$\mathcal{O}(3; \{6^4, 3, 2^{14}\})$	29393280
12	$\mathcal{O}(3; \{6^4, 3^4, 2^{10}\})$	252782208
12	$\mathcal{O}(3; \{6^4, 3^7, 2^6\})$	2004621696
12	$\mathcal{O}(3; \{6^4, 3^{10}, 2^2\})$	16054609536
12	$\mathcal{O}(3; \{6^4, 4^2, 3, 2^{11}\})$	59719680
12	$\mathcal{O}(3; \{6^4, 4^2, 3^4, 2^7\})$	513589248
12	$\mathcal{O}(3; \{6^4, 4^2, 3^7, 2^3\})$	4072882176
12	$\mathcal{O}(3; \{6^4, 4^4, 3, 2^8\})$	238878720
12	$\mathcal{O}(3; \{6^4, 4^4, 3^4, 2^4\})$	2054356992
12	$\mathcal{O}(3; \{6^4, 4^4, 3^7\})$	16291528704
12	$\mathcal{O}(3; \{6^4, 4^6, 3, 2^5\})$	955514880
12	$\mathcal{O}(3; \{6^4, 4^6, 3^4, 2\})$	8217427968
12	$\mathcal{O}(3; \{6^4, 4^8, 3, 2^2\})$	3822059520
12	$\mathcal{O}(3; \{6^5, 3^2, 2^{11}\})$	123451776
12	$\mathcal{O}(3; \{6^5, 3^5, 2^7\})$	1005250176
12	$\mathcal{O}(3; \{6^5, 3^8, 2^3\})$	8024365440
12	$\mathcal{O}(3; \{6^5, 4^2, 3^2, 2^8\})$	250822656
12	$\mathcal{O}(3; \{6^5, 4^2, 3^5, 2^4\})$	2042413056
12	$\mathcal{O}(3; \{6^5, 4^2, 3^8\})$	16303472640
12	$\mathcal{O}(3; \{6^5, 4^4, 3^2, 2^5\})$	1003290624
12	$\mathcal{O}(3; \{6^5, 4^4, 3^5, 2\})$	8169652224
12	$\mathcal{O}(3; \{6^5, 4^6, 3^2, 2^2\})$	4013162496
12	$\mathcal{O}(3; \{6^6, 2^{12}\})$	64665216
12	$\mathcal{O}(3; \{6^6, 3^3, 2^8\})$	499685760
12	$\mathcal{O}(3; \{6^6, 3^6, 2^4\})$	4015122048
12	$\mathcal{O}(3; \{6^6, 3^9\})$	32103340416
12	$\mathcal{O}(3; \{6^6, 4^2, 2^9\})$	131383296
12	$\mathcal{O}(3; \{6^6, 4^2, 3^3, 2^5\})$	1015234560
12	$\mathcal{O}(3; \{6^6, 4^2, 3^6, 2\})$	8157708288
12	$\mathcal{O}(3; \{6^6, 4^4, 2^6\})$	525533184
12	$\mathcal{O}(3; \{6^6, 4^4, 3^3, 2^2\})$	4060938240
12	$\mathcal{O}(3; \{6^6, 4^6, 2^3\})$	2102132736
12	$\mathcal{O}(3; \{6^6, 4^8\})$	8408530944
12	$\mathcal{O}(3; \{6^7, 3, 2^9\})$	252782208
12	$\mathcal{O}(3; \{6^7, 3^4, 2^5\})$	2004621696
12	$\mathcal{O}(3; \{6^7, 3^7, 2\})$	16054609536
12	$\mathcal{O}(3; \{6^7, 4^2, 3, 2^6\})$	513589248
12	$\mathcal{O}(3; \{6^7, 4^2, 3^4, 2^2\})$	4072882176
12	$\mathcal{O}(3; \{6^7, 4^4, 3, 2^3\})$	2054356992
12	$\mathcal{O}(3; \{6^7, 4^6, 3\})$	8217427968
12	$\mathcal{O}(3; \{6^8, 3^2, 2^6\})$	1005250176

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{6^8, 3^5, 2^2\})$	8024365440
12	$\mathcal{O}(3; \{6^8, 4^2, 3^2, 2^3\})$	2042413056
12	$\mathcal{O}(3; \{6^8, 4^4, 3^2\})$	8169652224
12	$\mathcal{O}(3; \{6^9, 2^7\})$	499685760
12	$\mathcal{O}(3; \{6^9, 3^3, 2^3\})$	4015122048
12	$\mathcal{O}(3; \{6^9, 4^2, 2^4\})$	1015234560
12	$\mathcal{O}(3; \{6^9, 4^2, 3^3\})$	8157708288
12	$\mathcal{O}(3; \{6^9, 4^4, 2\})$	4060938240
12	$\mathcal{O}(3; \{6^{10}, 3, 2^4\})$	2004621696
12	$\mathcal{O}(3; \{6^{10}, 3^4\})$	16054609536
12	$\mathcal{O}(3; \{6^{10}, 4^2, 3, 2\})$	4072882176
12	$\mathcal{O}(3; \{6^{11}, 3^2, 2\})$	8024365440
12	$\mathcal{O}(3; \{6^{12}, 2^2\})$	4015122048
12	$\mathcal{O}(3; \{12, 4, 3^2, 2^{16}\})$	11943936
12	$\mathcal{O}(3; \{12, 4, 3^5, 2^{12}\})$	131383296
12	$\mathcal{O}(3; \{12, 4, 3^8, 2^8\})$	1015234560
12	$\mathcal{O}(3; \{12, 4, 3^{11}, 2^4\})$	8157708288
12	$\mathcal{O}(3; \{12, 4, 3^{14}\})$	65225834496
12	$\mathcal{O}(3; \{12, 4^3, 3^2, 2^{13}\})$	47775744
12	$\mathcal{O}(3; \{12, 4^3, 3^5, 2^9\})$	525533184
12	$\mathcal{O}(3; \{12, 4^3, 3^8, 2^5\})$	4060938240
12	$\mathcal{O}(3; \{12, 4^3, 3^{11}, 2\})$	32630833152
12	$\mathcal{O}(3; \{12, 4^5, 3^2, 2^{10}\})$	191102976
12	$\mathcal{O}(3; \{12, 4^5, 3^5, 2^6\})$	2102132736
12	$\mathcal{O}(3; \{12, 4^5, 3^8, 2^2\})$	16243752960
12	$\mathcal{O}(3; \{12, 4^7, 3^2, 2^7\})$	764411904
12	$\mathcal{O}(3; \{12, 4^7, 3^5, 2^3\})$	8408530944
12	$\mathcal{O}(3; \{12, 4^9, 3^2, 2^4\})$	3057647616
12	$\mathcal{O}(3; \{12, 4^9, 3^5\})$	33634123776
12	$\mathcal{O}(3; \{12, 4^{11}, 3^2, 2\})$	12230590464
12	$\mathcal{O}(3; \{12, 6, 4, 2^{17}\})$	11943936
12	$\mathcal{O}(3; \{12, 6, 4, 3^3, 2^{13}\})$	59719680
12	$\mathcal{O}(3; \{12, 6, 4, 3^6, 2^9\})$	513589248
12	$\mathcal{O}(3; \{12, 6, 4, 3^9, 2^5\})$	4072882176
12	$\mathcal{O}(3; \{12, 6, 4, 3^{12}, 2\})$	32618889216
12	$\mathcal{O}(3; \{12, 6, 4^3, 2^{14}\})$	47775744
12	$\mathcal{O}(3; \{12, 6, 4^3, 3^3, 2^{10}\})$	238878720
12	$\mathcal{O}(3; \{12, 6, 4^3, 3^6, 2^6\})$	2054356992
12	$\mathcal{O}(3; \{12, 6, 4^3, 3^9, 2^2\})$	16291528704
12	$\mathcal{O}(3; \{12, 6, 4^5, 2^{11}\})$	191102976
12	$\mathcal{O}(3; \{12, 6, 4^5, 3^3, 2^7\})$	955514880
12	$\mathcal{O}(3; \{12, 6, 4^5, 3^6, 2^3\})$	8217427968
12	$\mathcal{O}(3; \{12, 6, 4^7, 2^8\})$	764411904

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12, 6, 4^7, 3^3, 2^4\})$	3822059520
12	$\mathcal{O}(3; \{12, 6, 4^7, 3^6\})$	32869711872
12	$\mathcal{O}(3; \{12, 6, 4^9, 2^5\})$	3057647616
12	$\mathcal{O}(3; \{12, 6, 4^9, 3^3, 2\})$	15288238080
12	$\mathcal{O}(3; \{12, 6, 4^{11}, 2^2\})$	12230590464
12	$\mathcal{O}(3; \{12, 6^2, 4, 3, 2^{14}\})$	35831808
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^4, 2^{10}\})$	250822656
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^7, 2^6\})$	2042413056
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^{10}, 2^2\})$	16303472640
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 3, 2^{11}\})$	143327232
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 3^4, 2^7\})$	1003290624
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 3^7, 2^3\})$	8169652224
12	$\mathcal{O}(3; \{12, 6^2, 4^5, 3, 2^8\})$	573308928
12	$\mathcal{O}(3; \{12, 6^2, 4^5, 3^4, 2^4\})$	4013162496
12	$\mathcal{O}(3; \{12, 6^2, 4^5, 3^7\})$	32678608896
12	$\mathcal{O}(3; \{12, 6^2, 4^7, 3, 2^5\})$	2293235712
12	$\mathcal{O}(3; \{12, 6^2, 4^7, 3^4, 2\})$	16052649984
12	$\mathcal{O}(3; \{12, 6^2, 4^9, 3, 2^2\})$	9172942848
12	$\mathcal{O}(3; \{12, 6^3, 4, 3^2, 2^{11}\})$	131383296
12	$\mathcal{O}(3; \{12, 6^3, 4, 3^5, 2^7\})$	1015234560
12	$\mathcal{O}(3; \{12, 6^3, 4, 3^8, 2^3\})$	8157708288
12	$\mathcal{O}(3; \{12, 6^3, 4^3, 3^2, 2^8\})$	525533184
12	$\mathcal{O}(3; \{12, 6^3, 4^3, 3^5, 2^4\})$	4060938240
12	$\mathcal{O}(3; \{12, 6^3, 4^3, 3^8\})$	32630833152
12	$\mathcal{O}(3; \{12, 6^3, 4^5, 3^2, 2^5\})$	2102132736
12	$\mathcal{O}(3; \{12, 6^3, 4^5, 3^5, 2\})$	16243752960
12	$\mathcal{O}(3; \{12, 6^3, 4^7, 3^2, 2^2\})$	8408530944
12	$\mathcal{O}(3; \{12, 6^4, 4, 2^{12}\})$	59719680
12	$\mathcal{O}(3; \{12, 6^4, 4, 3^3, 2^8\})$	513589248
12	$\mathcal{O}(3; \{12, 6^4, 4, 3^6, 2^4\})$	4072882176
12	$\mathcal{O}(3; \{12, 6^4, 4, 3^9\})$	32618889216
12	$\mathcal{O}(3; \{12, 6^4, 4^3, 2^9\})$	238878720
12	$\mathcal{O}(3; \{12, 6^4, 4^3, 3^3, 2^5\})$	2054356992
12	$\mathcal{O}(3; \{12, 6^4, 4^3, 3^6, 2\})$	16291528704
12	$\mathcal{O}(3; \{12, 6^4, 4^5, 2^6\})$	955514880
12	$\mathcal{O}(3; \{12, 6^4, 4^5, 3^3, 2^2\})$	8217427968
12	$\mathcal{O}(3; \{12, 6^4, 4^7, 2^3\})$	3822059520
12	$\mathcal{O}(3; \{12, 6^4, 4^9\})$	15288238080
12	$\mathcal{O}(3; \{12, 6^5, 4, 3, 2^9\})$	250822656
12	$\mathcal{O}(3; \{12, 6^5, 4, 3^4, 2^5\})$	2042413056
12	$\mathcal{O}(3; \{12, 6^5, 4, 3^7, 2\})$	16303472640
12	$\mathcal{O}(3; \{12, 6^5, 4^3, 3, 2^6\})$	1003290624
12	$\mathcal{O}(3; \{12, 6^5, 4^3, 3^4, 2^2\})$	8169652224

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12, 6^5, 4^5, 3, 2^3\})$	4013162496
12	$\mathcal{O}(3; \{12, 6^5, 4^7, 3\})$	16052649984
12	$\mathcal{O}(3; \{12, 6^6, 4, 3^2, 2^6\})$	1015234560
12	$\mathcal{O}(3; \{12, 6^6, 4, 3^5, 2^2\})$	8157708288
12	$\mathcal{O}(3; \{12, 6^6, 4^3, 3^2, 2^3\})$	4060938240
12	$\mathcal{O}(3; \{12, 6^6, 4^5, 3^2\})$	16243752960
12	$\mathcal{O}(3; \{12, 6^7, 4, 2^7\})$	513589248
12	$\mathcal{O}(3; \{12, 6^7, 4, 3^3, 2^3\})$	4072882176
12	$\mathcal{O}(3; \{12, 6^7, 4^3, 2^4\})$	2054356992
12	$\mathcal{O}(3; \{12, 6^7, 4^3, 3^3\})$	16291528704
12	$\mathcal{O}(3; \{12, 6^7, 4^5, 2\})$	8217427968
12	$\mathcal{O}(3; \{12, 6^8, 4, 3, 2^4\})$	2042413056
12	$\mathcal{O}(3; \{12, 6^8, 4, 3^4\})$	16303472640
12	$\mathcal{O}(3; \{12, 6^8, 4^3, 3, 2\})$	8169652224
12	$\mathcal{O}(3; \{12, 6^9, 4, 3^2, 2\})$	8157708288
12	$\mathcal{O}(3; \{12, 6^{10}, 4, 2^2\})$	4072882176
12	$\mathcal{O}(3; \{12^2, 3, 2^{17}\})$	11943936
12	$\mathcal{O}(3; \{12^2, 3^4, 2^{13}\})$	131383296
12	$\mathcal{O}(3; \{12^2, 3^7, 2^9\})$	1015234560
12	$\mathcal{O}(3; \{12^2, 3^{10}, 2^5\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 3^{13}, 2\})$	65225834496
12	$\mathcal{O}(3; \{12^2, 4^2, 3, 2^{14}\})$	47775744
12	$\mathcal{O}(3; \{12^2, 4^2, 3^4, 2^{10}\})$	525533184
12	$\mathcal{O}(3; \{12^2, 4^2, 3^7, 2^6\})$	4060938240
12	$\mathcal{O}(3; \{12^2, 4^2, 3^{10}, 2^2\})$	32630833152
12	$\mathcal{O}(3; \{12^2, 4^4, 3, 2^{11}\})$	191102976
12	$\mathcal{O}(3; \{12^2, 4^4, 3^4, 2^7\})$	2102132736
12	$\mathcal{O}(3; \{12^2, 4^4, 3^7, 2^3\})$	16243752960
12	$\mathcal{O}(3; \{12^2, 4^6, 3, 2^8\})$	764411904
12	$\mathcal{O}(3; \{12^2, 4^6, 3^4, 2^4\})$	8408530944
12	$\mathcal{O}(3; \{12^2, 4^6, 3^7\})$	64975011840
12	$\mathcal{O}(3; \{12^2, 4^8, 3, 2^5\})$	3057647616
12	$\mathcal{O}(3; \{12^2, 4^8, 3^4, 2\})$	33634123776
12	$\mathcal{O}(3; \{12^2, 4^{10}, 3, 2^2\})$	12230590464
12	$\mathcal{O}(3; \{12^2, 6, 3^2, 2^{14}\})$	59719680
12	$\mathcal{O}(3; \{12^2, 6, 3^5, 2^{10}\})$	513589248
12	$\mathcal{O}(3; \{12^2, 6, 3^8, 2^6\})$	4072882176
12	$\mathcal{O}(3; \{12^2, 6, 3^{11}, 2^2\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3^2, 2^{11}\})$	238878720
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3^5, 2^7\})$	2054356992
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3^8, 2^3\})$	16291528704
12	$\mathcal{O}(3; \{12^2, 6, 4^4, 3^2, 2^8\})$	955514880
12	$\mathcal{O}(3; \{12^2, 6, 4^4, 3^5, 2^4\})$	8217427968

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^2, 6, 4^4, 3^8\})$	65166114816
12	$\mathcal{O}(3; \{12^2, 6, 4^6, 3^2, 2^5\})$	3822059520
12	$\mathcal{O}(3; \{12^2, 6, 4^6, 3^5, 2\})$	32869711872
12	$\mathcal{O}(3; \{12^2, 6, 4^8, 3^2, 2^2\})$	15288238080
12	$\mathcal{O}(3; \{12^2, 6^2, 2^{15}\})$	35831808
12	$\mathcal{O}(3; \{12^2, 6^2, 3^3, 2^{11}\})$	250822656
12	$\mathcal{O}(3; \{12^2, 6^2, 3^6, 2^7\})$	2042413056
12	$\mathcal{O}(3; \{12^2, 6^2, 3^9, 2^3\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 2^{12}\})$	143327232
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 3^3, 2^8\})$	1003290624
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 3^6, 2^4\})$	8169652224
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 3^9\})$	65213890560
12	$\mathcal{O}(3; \{12^2, 6^2, 4^4, 2^9\})$	573308928
12	$\mathcal{O}(3; \{12^2, 6^2, 4^4, 3^3, 2^5\})$	4013162496
12	$\mathcal{O}(3; \{12^2, 6^2, 4^4, 3^6, 2\})$	32678608896
12	$\mathcal{O}(3; \{12^2, 6^2, 4^6, 2^6\})$	2293235712
12	$\mathcal{O}(3; \{12^2, 6^2, 4^6, 3^3, 2^2\})$	16052649984
12	$\mathcal{O}(3; \{12^2, 6^2, 4^8, 2^3\})$	9172942848
12	$\mathcal{O}(3; \{12^2, 6^2, 4^{10}\})$	36691771392
12	$\mathcal{O}(3; \{12^2, 6^3, 3, 2^{12}\})$	131383296
12	$\mathcal{O}(3; \{12^2, 6^3, 3^4, 2^8\})$	1015234560
12	$\mathcal{O}(3; \{12^2, 6^3, 3^7, 2^4\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 6^3, 3^{10}\})$	65225834496
12	$\mathcal{O}(3; \{12^2, 6^3, 4^2, 3, 2^9\})$	525533184
12	$\mathcal{O}(3; \{12^2, 6^3, 4^2, 3^4, 2^5\})$	4060938240
12	$\mathcal{O}(3; \{12^2, 6^3, 4^2, 3^7, 2\})$	32630833152
12	$\mathcal{O}(3; \{12^2, 6^3, 4^4, 3, 2^6\})$	2102132736
12	$\mathcal{O}(3; \{12^2, 6^3, 4^4, 3^4, 2^2\})$	16243752960
12	$\mathcal{O}(3; \{12^2, 6^3, 4^6, 3, 2^3\})$	8408530944
12	$\mathcal{O}(3; \{12^2, 6^3, 4^8, 3\})$	33634123776
12	$\mathcal{O}(3; \{12^2, 6^4, 3^2, 2^9\})$	513589248
12	$\mathcal{O}(3; \{12^2, 6^4, 3^5, 2^5\})$	4072882176
12	$\mathcal{O}(3; \{12^2, 6^4, 3^8, 2\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 6^4, 4^2, 3^2, 2^6\})$	2054356992
12	$\mathcal{O}(3; \{12^2, 6^4, 4^2, 3^5, 2^2\})$	16291528704
12	$\mathcal{O}(3; \{12^2, 6^4, 4^4, 3^2, 2^3\})$	8217427968
12	$\mathcal{O}(3; \{12^2, 6^4, 4^6, 3^2\})$	32869711872
12	$\mathcal{O}(3; \{12^2, 6^5, 2^{10}\})$	250822656
12	$\mathcal{O}(3; \{12^2, 6^5, 3^3, 2^6\})$	2042413056
12	$\mathcal{O}(3; \{12^2, 6^5, 3^6, 2^2\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 6^5, 4^2, 2^7\})$	1003290624
12	$\mathcal{O}(3; \{12^2, 6^5, 4^2, 3^3, 2^3\})$	8169652224
12	$\mathcal{O}(3; \{12^2, 6^5, 4^4, 2^4\})$	4013162496

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^2, 6^5, 4^4, 3^3\})$	32678608896
12	$\mathcal{O}(3; \{12^2, 6^5, 4^6, 2\})$	16052649984
12	$\mathcal{O}(3; \{12^2, 6^6, 3, 2^7\})$	1015234560
12	$\mathcal{O}(3; \{12^2, 6^6, 3^4, 2^3\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 6^6, 4^2, 3, 2^4\})$	4060938240
12	$\mathcal{O}(3; \{12^2, 6^6, 4^2, 3^4\})$	32630833152
12	$\mathcal{O}(3; \{12^2, 6^6, 4^4, 3, 2\})$	16243752960
12	$\mathcal{O}(3; \{12^2, 6^7, 3^2, 2^4\})$	4072882176
12	$\mathcal{O}(3; \{12^2, 6^7, 3^5\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 6^7, 4^2, 3^2, 2\})$	16291528704
12	$\mathcal{O}(3; \{12^2, 6^8, 2^5\})$	2042413056
12	$\mathcal{O}(3; \{12^2, 6^8, 3^3, 2\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 6^8, 4^2, 2^2\})$	8169652224
12	$\mathcal{O}(3; \{12^2, 6^9, 3, 2^2\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 6^{11}\})$	16303472640
12	$\mathcal{O}(3; \{12^3, 4, 2^{15}\})$	47775744
12	$\mathcal{O}(3; \{12^3, 4, 3^3, 2^{11}\})$	525533184
12	$\mathcal{O}(3; \{12^3, 4, 3^6, 2^7\})$	4060938240
12	$\mathcal{O}(3; \{12^3, 4, 3^9, 2^3\})$	32630833152
12	$\mathcal{O}(3; \{12^3, 4^3, 2^{12}\})$	191102976
12	$\mathcal{O}(3; \{12^3, 4^3, 3^3, 2^8\})$	2102132736
12	$\mathcal{O}(3; \{12^3, 4^3, 3^6, 2^4\})$	16243752960
12	$\mathcal{O}(3; \{12^3, 4^3, 3^9\})$	130523332608
12	$\mathcal{O}(3; \{12^3, 4^5, 2^9\})$	764411904
12	$\mathcal{O}(3; \{12^3, 4^5, 3^3, 2^5\})$	8408530944
12	$\mathcal{O}(3; \{12^3, 4^5, 3^6, 2\})$	64975011840
12	$\mathcal{O}(3; \{12^3, 4^7, 2^6\})$	3057647616
12	$\mathcal{O}(3; \{12^3, 4^7, 3^3, 2^2\})$	33634123776
12	$\mathcal{O}(3; \{12^3, 4^9, 2^3\})$	12230590464
12	$\mathcal{O}(3; \{12^3, 4^{11}\})$	48922361856
12	$\mathcal{O}(3; \{12^3, 6, 4, 3, 2^{12}\})$	238878720
12	$\mathcal{O}(3; \{12^3, 6, 4, 3^4, 2^8\})$	2054356992
12	$\mathcal{O}(3; \{12^3, 6, 4, 3^7, 2^4\})$	16291528704
12	$\mathcal{O}(3; \{12^3, 6, 4, 3^{10}\})$	130475556864
12	$\mathcal{O}(3; \{12^3, 6, 4^3, 3, 2^9\})$	955514880
12	$\mathcal{O}(3; \{12^3, 6, 4^3, 3^4, 2^5\})$	8217427968
12	$\mathcal{O}(3; \{12^3, 6, 4^3, 3^7, 2\})$	65166114816
12	$\mathcal{O}(3; \{12^3, 6, 4^5, 3, 2^6\})$	3822059520
12	$\mathcal{O}(3; \{12^3, 6, 4^5, 3^4, 2^2\})$	32869711872
12	$\mathcal{O}(3; \{12^3, 6, 4^7, 3, 2^3\})$	15288238080
12	$\mathcal{O}(3; \{12^3, 6, 4^9, 3\})$	61152952320
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 3^2, 2^9\})$	1003290624
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 3^5, 2^5\})$	8169652224

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 3^8, 2\})$	65213890560
12	$\mathcal{O}(3; \{12^3, 6^2, 4^3, 3^2, 2^6\})$	4013162496
12	$\mathcal{O}(3; \{12^3, 6^2, 4^3, 3^5, 2^2\})$	32678608896
12	$\mathcal{O}(3; \{12^3, 6^2, 4^5, 3^2, 2^3\})$	16052649984
12	$\mathcal{O}(3; \{12^3, 6^2, 4^7, 3^2\})$	64210599936
12	$\mathcal{O}(3; \{12^3, 6^3, 4, 2^{10}\})$	525533184
12	$\mathcal{O}(3; \{12^3, 6^3, 4, 3^3, 2^6\})$	4060938240
12	$\mathcal{O}(3; \{12^3, 6^3, 4, 3^6, 2^2\})$	32630833152
12	$\mathcal{O}(3; \{12^3, 6^3, 4^3, 2^7\})$	2102132736
12	$\mathcal{O}(3; \{12^3, 6^3, 4^3, 3^3, 2^3\})$	16243752960
12	$\mathcal{O}(3; \{12^3, 6^3, 4^5, 2^4\})$	8408530944
12	$\mathcal{O}(3; \{12^3, 6^3, 4^5, 3^3\})$	64975011840
12	$\mathcal{O}(3; \{12^3, 6^3, 4^7, 2\})$	33634123776
12	$\mathcal{O}(3; \{12^3, 6^4, 4, 3, 2^7\})$	2054356992
12	$\mathcal{O}(3; \{12^3, 6^4, 4, 3^4, 2^3\})$	16291528704
12	$\mathcal{O}(3; \{12^3, 6^4, 4^3, 3, 2^4\})$	8217427968
12	$\mathcal{O}(3; \{12^3, 6^4, 4^3, 3^4\})$	65166114816
12	$\mathcal{O}(3; \{12^3, 6^4, 4^5, 3, 2\})$	32869711872
12	$\mathcal{O}(3; \{12^3, 6^5, 4, 3^2, 2^4\})$	8169652224
12	$\mathcal{O}(3; \{12^3, 6^5, 4, 3^5\})$	65213890560
12	$\mathcal{O}(3; \{12^3, 6^5, 4^3, 3^2, 2\})$	32678608896
12	$\mathcal{O}(3; \{12^3, 6^6, 4, 2^5\})$	4060938240
12	$\mathcal{O}(3; \{12^3, 6^6, 4, 3^3, 2\})$	32630833152
12	$\mathcal{O}(3; \{12^3, 6^6, 4^3, 2^2\})$	16243752960
12	$\mathcal{O}(3; \{12^3, 6^7, 4, 3, 2^2\})$	16291528704
12	$\mathcal{O}(3; \{12^3, 6^9, 4\})$	32630833152
12	$\mathcal{O}(3; \{12^4, 3^2, 2^{12}\})$	525533184
12	$\mathcal{O}(3; \{12^4, 3^5, 2^8\})$	4060938240
12	$\mathcal{O}(3; \{12^4, 3^8, 2^4\})$	32630833152
12	$\mathcal{O}(3; \{12^4, 3^{11}\})$	260903337984
12	$\mathcal{O}(3; \{12^4, 4^2, 3^2, 2^9\})$	2102132736
12	$\mathcal{O}(3; \{12^4, 4^2, 3^5, 2^5\})$	16243752960
12	$\mathcal{O}(3; \{12^4, 4^2, 3^8, 2\})$	130523332608
12	$\mathcal{O}(3; \{12^4, 4^4, 3^2, 2^6\})$	8408530944
12	$\mathcal{O}(3; \{12^4, 4^4, 3^5, 2^2\})$	64975011840
12	$\mathcal{O}(3; \{12^4, 4^6, 3^2, 2^3\})$	33634123776
12	$\mathcal{O}(3; \{12^4, 4^8, 3^2\})$	134536495104
12	$\mathcal{O}(3; \{12^4, 6, 2^{13}\})$	238878720
12	$\mathcal{O}(3; \{12^4, 6, 3^3, 2^9\})$	2054356992
12	$\mathcal{O}(3; \{12^4, 6, 3^6, 2^5\})$	16291528704
12	$\mathcal{O}(3; \{12^4, 6, 3^9, 2\})$	130475556864
12	$\mathcal{O}(3; \{12^4, 6, 4^2, 2^{10}\})$	955514880
12	$\mathcal{O}(3; \{12^4, 6, 4^2, 3^3, 2^6\})$	8217427968

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^4, 6, 4^2, 3^6, 2^2\})$	65166114816
12	$\mathcal{O}(3; \{12^4, 6, 4^4, 2^7\})$	3822059520
12	$\mathcal{O}(3; \{12^4, 6, 4^4, 3^3, 2^3\})$	32869711872
12	$\mathcal{O}(3; \{12^4, 6, 4^6, 2^4\})$	15288238080
12	$\mathcal{O}(3; \{12^4, 6, 4^6, 3^3\})$	131478847488
12	$\mathcal{O}(3; \{12^4, 6, 4^8, 2\})$	61152952320
12	$\mathcal{O}(3; \{12^4, 6^2, 3, 2^{10}\})$	1003290624
12	$\mathcal{O}(3; \{12^4, 6^2, 3^4, 2^6\})$	8169652224
12	$\mathcal{O}(3; \{12^4, 6^2, 3^7, 2^2\})$	65213890560
12	$\mathcal{O}(3; \{12^4, 6^2, 4^2, 3, 2^7\})$	4013162496
12	$\mathcal{O}(3; \{12^4, 6^2, 4^2, 3^4, 2^3\})$	32678608896
12	$\mathcal{O}(3; \{12^4, 6^2, 4^4, 3, 2^4\})$	16052649984
12	$\mathcal{O}(3; \{12^4, 6^2, 4^4, 3^4\})$	130714435584
12	$\mathcal{O}(3; \{12^4, 6^2, 4^6, 3, 2\})$	64210599936
12	$\mathcal{O}(3; \{12^4, 6^3, 3^2, 2^7\})$	4060938240
12	$\mathcal{O}(3; \{12^4, 6^3, 3^5, 2^3\})$	32630833152
12	$\mathcal{O}(3; \{12^4, 6^3, 4^2, 3^2, 2^4\})$	16243752960
12	$\mathcal{O}(3; \{12^4, 6^3, 4^2, 3^5\})$	130523332608
12	$\mathcal{O}(3; \{12^4, 6^3, 4^4, 3^2, 2\})$	64975011840
12	$\mathcal{O}(3; \{12^4, 6^4, 2^8\})$	2054356992
12	$\mathcal{O}(3; \{12^4, 6^4, 3^3, 2^4\})$	16291528704
12	$\mathcal{O}(3; \{12^4, 6^4, 3^6\})$	130475556864
12	$\mathcal{O}(3; \{12^4, 6^4, 4^2, 2^5\})$	8217427968
12	$\mathcal{O}(3; \{12^4, 6^4, 4^2, 3^3, 2\})$	65166114816
12	$\mathcal{O}(3; \{12^4, 6^4, 4^4, 2^2\})$	32869711872
12	$\mathcal{O}(3; \{12^4, 6^5, 3, 2^5\})$	8169652224
12	$\mathcal{O}(3; \{12^4, 6^5, 3^4, 2\})$	65213890560
12	$\mathcal{O}(3; \{12^4, 6^5, 4^2, 3, 2^2\})$	32678608896
12	$\mathcal{O}(3; \{12^4, 6^6, 3^2, 2^2\})$	32630833152
12	$\mathcal{O}(3; \{12^4, 6^7, 2^3\})$	16291528704
12	$\mathcal{O}(3; \{12^4, 6^7, 4^2\})$	65166114816
12	$\mathcal{O}(3; \{12^4, 6^8, 3\})$	65213890560
12	$\mathcal{O}(3; \{12^5, 4, 3, 2^{10}\})$	2102132736
12	$\mathcal{O}(3; \{12^5, 4, 3^4, 2^6\})$	16243752960
12	$\mathcal{O}(3; \{12^5, 4, 3^7, 2^2\})$	130523332608
12	$\mathcal{O}(3; \{12^5, 4^3, 3, 2^7\})$	8408530944
12	$\mathcal{O}(3; \{12^5, 4^3, 3^4, 2^3\})$	64975011840
12	$\mathcal{O}(3; \{12^5, 4^5, 3, 2^4\})$	33634123776
12	$\mathcal{O}(3; \{12^5, 4^5, 3^4\})$	259900047360
12	$\mathcal{O}(3; \{12^5, 4^7, 3, 2\})$	134536495104
12	$\mathcal{O}(3; \{12^5, 6, 4, 3^2, 2^7\})$	8217427968
12	$\mathcal{O}(3; \{12^5, 6, 4, 3^5, 2^3\})$	65166114816
12	$\mathcal{O}(3; \{12^5, 6, 4^3, 3^2, 2^4\})$	32869711872

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^5, 6, 4^3, 3^5\})$	260664459264
12	$\mathcal{O}(3; \{12^5, 6, 4^5, 3^2, 2\})$	131478847488
12	$\mathcal{O}(3; \{12^5, 6^2, 4, 2^8\})$	4013162496
12	$\mathcal{O}(3; \{12^5, 6^2, 4, 3^3, 2^4\})$	32678608896
12	$\mathcal{O}(3; \{12^5, 6^2, 4, 3^6\})$	260855562240
12	$\mathcal{O}(3; \{12^5, 6^2, 4^3, 2^5\})$	16052649984
12	$\mathcal{O}(3; \{12^5, 6^2, 4^3, 3^3, 2\})$	130714435584
12	$\mathcal{O}(3; \{12^5, 6^2, 4^5, 2^2\})$	64210599936
12	$\mathcal{O}(3; \{12^5, 6^3, 4, 3, 2^5\})$	16243752960
12	$\mathcal{O}(3; \{12^5, 6^3, 4, 3^4, 2\})$	130523332608
12	$\mathcal{O}(3; \{12^5, 6^3, 4^3, 3, 2^2\})$	64975011840
12	$\mathcal{O}(3; \{12^5, 6^4, 4, 3^2, 2^2\})$	65166114816
12	$\mathcal{O}(3; \{12^5, 6^5, 4, 2^3\})$	32678608896
12	$\mathcal{O}(3; \{12^5, 6^5, 4^3\})$	130714435584
12	$\mathcal{O}(3; \{12^5, 6^6, 4, 3\})$	130523332608
12	$\mathcal{O}(3; \{12^6, 2^{11}\})$	2102132736
12	$\mathcal{O}(3; \{12^6, 3^3, 2^7\})$	16243752960
12	$\mathcal{O}(3; \{12^6, 3^6, 2^3\})$	130523332608
12	$\mathcal{O}(3; \{12^6, 4^2, 2^8\})$	8408530944
12	$\mathcal{O}(3; \{12^6, 4^2, 3^3, 2^4\})$	64975011840
12	$\mathcal{O}(3; \{12^6, 4^2, 3^6\})$	522093330432
12	$\mathcal{O}(3; \{12^6, 4^4, 2^5\})$	33634123776
12	$\mathcal{O}(3; \{12^6, 4^4, 3^3, 2\})$	259900047360
12	$\mathcal{O}(3; \{12^6, 4^6, 2^2\})$	134536495104
12	$\mathcal{O}(3; \{12^6, 6, 3, 2^8\})$	8217427968
12	$\mathcal{O}(3; \{12^6, 6, 3^4, 2^4\})$	65166114816
12	$\mathcal{O}(3; \{12^6, 6, 3^7\})$	521902227456
12	$\mathcal{O}(3; \{12^6, 6, 4^2, 3, 2^5\})$	32869711872
12	$\mathcal{O}(3; \{12^6, 6, 4^2, 3^4, 2\})$	260664459264
12	$\mathcal{O}(3; \{12^6, 6, 4^4, 3, 2^2\})$	131478847488
12	$\mathcal{O}(3; \{12^6, 6^2, 3^2, 2^5\})$	32678608896
12	$\mathcal{O}(3; \{12^6, 6^2, 3^5, 2\})$	260855562240
12	$\mathcal{O}(3; \{12^6, 6^2, 4^2, 3^2, 2^2\})$	130714435584
12	$\mathcal{O}(3; \{12^6, 6^3, 2^6\})$	16243752960
12	$\mathcal{O}(3; \{12^6, 6^3, 3^3, 2^2\})$	130523332608
12	$\mathcal{O}(3; \{12^6, 6^3, 4^2, 2^3\})$	64975011840
12	$\mathcal{O}(3; \{12^6, 6^3, 4^4\})$	259900047360
12	$\mathcal{O}(3; \{12^6, 6^4, 3, 2^3\})$	65166114816
12	$\mathcal{O}(3; \{12^6, 6^4, 4^2, 3\})$	260664459264
12	$\mathcal{O}(3; \{12^6, 6^5, 3^2\})$	260855562240
12	$\mathcal{O}(3; \{12^6, 6^6, 2\})$	130523332608
12	$\mathcal{O}(3; \{12^7, 4, 3^2, 2^5\})$	64975011840
12	$\mathcal{O}(3; \{12^7, 4, 3^5, 2\})$	522093330432

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^7, 4^3, 3^2, 2^2\})$	259900047360
12	$\mathcal{O}(3; \{12^7, 6, 4, 2^6\})$	32869711872
12	$\mathcal{O}(3; \{12^7, 6, 4, 3^3, 2^2\})$	260664459264
12	$\mathcal{O}(3; \{12^7, 6, 4^3, 2^3\})$	131478847488
12	$\mathcal{O}(3; \{12^7, 6, 4^5\})$	525915389952
12	$\mathcal{O}(3; \{12^7, 6^2, 4, 3, 2^3\})$	130714435584
12	$\mathcal{O}(3; \{12^7, 6^2, 4^3, 3\})$	522857742336
12	$\mathcal{O}(3; \{12^7, 6^3, 4, 3^2\})$	522093330432
12	$\mathcal{O}(3; \{12^7, 6^4, 4, 2\})$	260664459264
12	$\mathcal{O}(3; \{12^8, 3, 2^6\})$	64975011840
12	$\mathcal{O}(3; \{12^8, 3^4, 2^2\})$	522093330432
12	$\mathcal{O}(3; \{12^8, 4^2, 3, 2^3\})$	259900047360
12	$\mathcal{O}(3; \{12^8, 4^4, 3\})$	1039600189440
12	$\mathcal{O}(3; \{12^8, 6, 3^2, 2^3\})$	260664459264
12	$\mathcal{O}(3; \{12^8, 6, 4^2, 3^2\})$	1042657837056
12	$\mathcal{O}(3; \{12^8, 6^2, 2^4\})$	130714435584
12	$\mathcal{O}(3; \{12^8, 6^2, 3^3\})$	1043422248960
12	$\mathcal{O}(3; \{12^8, 6^2, 4^2, 2\})$	522857742336
12	$\mathcal{O}(3; \{12^8, 6^3, 3, 2\})$	522093330432
12	$\mathcal{O}(3; \{12^9, 4, 2^4\})$	259900047360
12	$\mathcal{O}(3; \{12^9, 4, 3^3\})$	2088373321728
12	$\mathcal{O}(3; \{12^9, 4^3, 2\})$	1039600189440
12	$\mathcal{O}(3; \{12^9, 6, 4, 3, 2\})$	1042657837056
12	$\mathcal{O}(3; \{12^{10}, 3^2, 2\})$	2088373321728
12	$\mathcal{O}(3; \{12^{10}, 6, 2^2\})$	1042657837056
12	$\mathcal{O}(3; \{12^{12}\})$	8353493286912
12	$\mathcal{O}(2; \{2^{26}\})$	19200
12	$\mathcal{O}(2; \{3^3, 2^{22}\})$	38880
12	$\mathcal{O}(2; \{3^6, 2^{18}\})$	427680
12	$\mathcal{O}(2; \{3^9, 2^{14}\})$	3304800
12	$\mathcal{O}(2; \{3^{12}, 2^{10}\})$	26555040
12	$\mathcal{O}(2; \{3^{15}, 2^6\})$	212323680
12	$\mathcal{O}(2; \{3^{18}, 2^2\})$	1698706080
12	$\mathcal{O}(2; \{4^2, 2^{23}\})$	40960
12	$\mathcal{O}(2; \{4^2, 3^3, 2^{19}\})$	82944
12	$\mathcal{O}(2; \{4^2, 3^6, 2^{15}\})$	912384
12	$\mathcal{O}(2; \{4^2, 3^9, 2^{11}\})$	7050240
12	$\mathcal{O}(2; \{4^2, 3^{12}, 2^7\})$	56650752
12	$\mathcal{O}(2; \{4^2, 3^{15}, 2^3\})$	452957184
12	$\mathcal{O}(2; \{4^4, 2^{20}\})$	163840
12	$\mathcal{O}(2; \{4^4, 3^3, 2^{16}\})$	331776
12	$\mathcal{O}(2; \{4^4, 3^6, 2^{12}\})$	3649536
12	$\mathcal{O}(2; \{4^4, 3^9, 2^8\})$	28200960

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{4^4, 3^{12}, 2^4\})$	226603008
12	$\mathcal{O}(2; \{4^4, 3^{15}\})$	1811828736
12	$\mathcal{O}(2; \{4^6, 2^{17}\})$	655360
12	$\mathcal{O}(2; \{4^6, 3^3, 2^{13}\})$	1327104
12	$\mathcal{O}(2; \{4^6, 3^6, 2^9\})$	14598144
12	$\mathcal{O}(2; \{4^6, 3^9, 2^5\})$	112803840
12	$\mathcal{O}(2; \{4^6, 3^{12}, 2\})$	906412032
12	$\mathcal{O}(2; \{4^8, 2^{14}\})$	2621440
12	$\mathcal{O}(2; \{4^8, 3^3, 2^{10}\})$	5308416
12	$\mathcal{O}(2; \{4^8, 3^6, 2^6\})$	58392576
12	$\mathcal{O}(2; \{4^8, 3^9, 2^2\})$	451215360
12	$\mathcal{O}(2; \{4^{10}, 2^{11}\})$	10485760
12	$\mathcal{O}(2; \{4^{10}, 3^3, 2^7\})$	21233664
12	$\mathcal{O}(2; \{4^{10}, 3^6, 2^3\})$	233570304
12	$\mathcal{O}(2; \{4^{12}, 2^8\})$	41943040
12	$\mathcal{O}(2; \{4^{12}, 3^3, 2^4\})$	84934656
12	$\mathcal{O}(2; \{4^{12}, 3^6\})$	934281216
12	$\mathcal{O}(2; \{4^{14}, 2^5\})$	167772160
12	$\mathcal{O}(2; \{4^{14}, 3^3, 2\})$	339738624
12	$\mathcal{O}(2; \{4^{16}, 2^2\})$	671088640
12	$\mathcal{O}(2; \{6, 3, 2^{23}\})$	38880
12	$\mathcal{O}(2; \{6, 3^4, 2^{19}\})$	194400
12	$\mathcal{O}(2; \{6, 3^7, 2^{15}\})$	1671840
12	$\mathcal{O}(2; \{6, 3^{10}, 2^{11}\})$	13258080
12	$\mathcal{O}(2; \{6, 3^{13}, 2^7\})$	106181280
12	$\mathcal{O}(2; \{6, 3^{16}, 2^3\})$	849333600
12	$\mathcal{O}(2; \{6, 4^2, 3, 2^{20}\})$	82944
12	$\mathcal{O}(2; \{6, 4^2, 3^4, 2^{16}\})$	414720
12	$\mathcal{O}(2; \{6, 4^2, 3^7, 2^{12}\})$	3566592
12	$\mathcal{O}(2; \{6, 4^2, 3^{10}, 2^8\})$	28283904
12	$\mathcal{O}(2; \{6, 4^2, 3^{13}, 2^4\})$	226520064
12	$\mathcal{O}(2; \{6, 4^2, 3^{16}\})$	1811911680
12	$\mathcal{O}(2; \{6, 4^4, 3, 2^{17}\})$	331776
12	$\mathcal{O}(2; \{6, 4^4, 3^4, 2^{13}\})$	1658880
12	$\mathcal{O}(2; \{6, 4^4, 3^7, 2^9\})$	14266368
12	$\mathcal{O}(2; \{6, 4^4, 3^{10}, 2^5\})$	113135616
12	$\mathcal{O}(2; \{6, 4^4, 3^{13}, 2\})$	906080256
12	$\mathcal{O}(2; \{6, 4^6, 3, 2^{14}\})$	1327104
12	$\mathcal{O}(2; \{6, 4^6, 3^4, 2^{10}\})$	6635520
12	$\mathcal{O}(2; \{6, 4^6, 3^7, 2^6\})$	57065472
12	$\mathcal{O}(2; \{6, 4^6, 3^{10}, 2^2\})$	452542464
12	$\mathcal{O}(2; \{6, 4^8, 3, 2^{11}\})$	5308416
12	$\mathcal{O}(2; \{6, 4^8, 3^4, 2^7\})$	26542080

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6, 4^8, 3^7, 2^3\})$	228261888
12	$\mathcal{O}(2; \{6, 4^{10}, 3, 2^8\})$	21233664
12	$\mathcal{O}(2; \{6, 4^{10}, 3^4, 2^4\})$	106168320
12	$\mathcal{O}(2; \{6, 4^{10}, 3^7\})$	913047552
12	$\mathcal{O}(2; \{6, 4^{12}, 3, 2^5\})$	84934656
12	$\mathcal{O}(2; \{6, 4^{12}, 3^4, 2\})$	424673280
12	$\mathcal{O}(2; \{6, 4^{14}, 3, 2^2\})$	339738624
12	$\mathcal{O}(2; \{6^2, 3^2, 2^{20}\})$	116640
12	$\mathcal{O}(2; \{6^2, 3^5, 2^{16}\})$	816480
12	$\mathcal{O}(2; \{6^2, 3^8, 2^{12}\})$	6648480
12	$\mathcal{O}(2; \{6^2, 3^{11}, 2^8\})$	53071200
12	$\mathcal{O}(2; \{6^2, 3^{14}, 2^4\})$	424686240
12	$\mathcal{O}(2; \{6^2, 3^{17}\})$	3397373280
12	$\mathcal{O}(2; \{6^2, 4^2, 3^2, 2^{17}\})$	248832
12	$\mathcal{O}(2; \{6^2, 4^2, 3^5, 2^{13}\})$	1741824
12	$\mathcal{O}(2; \{6^2, 4^2, 3^8, 2^9\})$	14183424
12	$\mathcal{O}(2; \{6^2, 4^2, 3^{11}, 2^5\})$	113218560
12	$\mathcal{O}(2; \{6^2, 4^2, 3^{14}, 2\})$	905997312
12	$\mathcal{O}(2; \{6^2, 4^4, 3^2, 2^{14}\})$	995328
12	$\mathcal{O}(2; \{6^2, 4^4, 3^5, 2^{10}\})$	6967296
12	$\mathcal{O}(2; \{6^2, 4^4, 3^8, 2^6\})$	56733696
12	$\mathcal{O}(2; \{6^2, 4^4, 3^{11}, 2^2\})$	452874240
12	$\mathcal{O}(2; \{6^2, 4^6, 3^2, 2^{11}\})$	3981312
12	$\mathcal{O}(2; \{6^2, 4^6, 3^5, 2^7\})$	27869184
12	$\mathcal{O}(2; \{6^2, 4^6, 3^8, 2^3\})$	226934784
12	$\mathcal{O}(2; \{6^2, 4^8, 3^2, 2^8\})$	15925248
12	$\mathcal{O}(2; \{6^2, 4^8, 3^5, 2^4\})$	111476736
12	$\mathcal{O}(2; \{6^2, 4^8, 3^8\})$	907739136
12	$\mathcal{O}(2; \{6^2, 4^{10}, 3^2, 2^5\})$	63700992
12	$\mathcal{O}(2; \{6^2, 4^{10}, 3^5, 2\})$	445906944
12	$\mathcal{O}(2; \{6^2, 4^{12}, 3^2, 2^2\})$	254803968
12	$\mathcal{O}(2; \{6^3, 2^{21}\})$	38880
12	$\mathcal{O}(2; \{6^3, 3^3, 2^{17}\})$	427680
12	$\mathcal{O}(2; \{6^3, 3^6, 2^{13}\})$	3304800
12	$\mathcal{O}(2; \{6^3, 3^9, 2^9\})$	26555040
12	$\mathcal{O}(2; \{6^3, 3^{12}, 2^5\})$	212323680
12	$\mathcal{O}(2; \{6^3, 3^{15}, 2\})$	1698706080
12	$\mathcal{O}(2; \{6^3, 4^2, 2^{18}\})$	82944
12	$\mathcal{O}(2; \{6^3, 4^2, 3^3, 2^{14}\})$	912384
12	$\mathcal{O}(2; \{6^3, 4^2, 3^6, 2^{10}\})$	7050240
12	$\mathcal{O}(2; \{6^3, 4^2, 3^9, 2^6\})$	56650752
12	$\mathcal{O}(2; \{6^3, 4^2, 3^{12}, 2^2\})$	452957184
12	$\mathcal{O}(2; \{6^3, 4^4, 2^{15}\})$	331776

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^3, 4^4, 3^3, 2^{11}\})$	3649536
12	$\mathcal{O}(2; \{6^3, 4^4, 3^6, 2^7\})$	28200960
12	$\mathcal{O}(2; \{6^3, 4^4, 3^9, 2^3\})$	226603008
12	$\mathcal{O}(2; \{6^3, 4^6, 2^{12}\})$	1327104
12	$\mathcal{O}(2; \{6^3, 4^6, 3^3, 2^8\})$	14598144
12	$\mathcal{O}(2; \{6^3, 4^6, 3^6, 2^4\})$	112803840
12	$\mathcal{O}(2; \{6^3, 4^6, 3^9\})$	906412032
12	$\mathcal{O}(2; \{6^3, 4^8, 2^9\})$	5308416
12	$\mathcal{O}(2; \{6^3, 4^8, 3^3, 2^5\})$	58392576
12	$\mathcal{O}(2; \{6^3, 4^8, 3^6, 2\})$	451215360
12	$\mathcal{O}(2; \{6^3, 4^{10}, 2^6\})$	21233664
12	$\mathcal{O}(2; \{6^3, 4^{10}, 3^3, 2^2\})$	233570304
12	$\mathcal{O}(2; \{6^3, 4^{12}, 2^3\})$	84934656
12	$\mathcal{O}(2; \{6^3, 4^{14}\})$	339738624
12	$\mathcal{O}(2; \{6^4, 3, 2^{18}\})$	194400
12	$\mathcal{O}(2; \{6^4, 3^4, 2^{14}\})$	1671840
12	$\mathcal{O}(2; \{6^4, 3^7, 2^{10}\})$	13258080
12	$\mathcal{O}(2; \{6^4, 3^{10}, 2^6\})$	106181280
12	$\mathcal{O}(2; \{6^4, 3^{13}, 2^2\})$	849333600
12	$\mathcal{O}(2; \{6^4, 4^2, 3, 2^{15}\})$	414720
12	$\mathcal{O}(2; \{6^4, 4^2, 3^4, 2^{11}\})$	3566592
12	$\mathcal{O}(2; \{6^4, 4^2, 3^7, 2^7\})$	28283904
12	$\mathcal{O}(2; \{6^4, 4^2, 3^{10}, 2^3\})$	226520064
12	$\mathcal{O}(2; \{6^4, 4^4, 3, 2^{12}\})$	1658880
12	$\mathcal{O}(2; \{6^4, 4^4, 3^4, 2^8\})$	14266368
12	$\mathcal{O}(2; \{6^4, 4^4, 3^7, 2^4\})$	113135616
12	$\mathcal{O}(2; \{6^4, 4^4, 3^{10}\})$	906080256
12	$\mathcal{O}(2; \{6^4, 4^6, 3, 2^9\})$	6635520
12	$\mathcal{O}(2; \{6^4, 4^6, 3^4, 2^5\})$	57065472
12	$\mathcal{O}(2; \{6^4, 4^6, 3^7, 2\})$	452542464
12	$\mathcal{O}(2; \{6^4, 4^8, 3, 2^6\})$	26542080
12	$\mathcal{O}(2; \{6^4, 4^8, 3^4, 2^2\})$	228261888
12	$\mathcal{O}(2; \{6^4, 4^{10}, 3, 2^3\})$	106168320
12	$\mathcal{O}(2; \{6^4, 4^{12}, 3\})$	424673280
12	$\mathcal{O}(2; \{6^5, 3^2, 2^{15}\})$	816480
12	$\mathcal{O}(2; \{6^5, 3^5, 2^{11}\})$	6648480
12	$\mathcal{O}(2; \{6^5, 3^8, 2^7\})$	53071200
12	$\mathcal{O}(2; \{6^5, 3^{11}, 2^3\})$	424686240
12	$\mathcal{O}(2; \{6^5, 4^2, 3^2, 2^{12}\})$	1741824
12	$\mathcal{O}(2; \{6^5, 4^2, 3^5, 2^8\})$	14183424
12	$\mathcal{O}(2; \{6^5, 4^2, 3^8, 2^4\})$	113218560
12	$\mathcal{O}(2; \{6^5, 4^2, 3^{11}\})$	905997312
12	$\mathcal{O}(2; \{6^5, 4^4, 3^2, 2^9\})$	6967296

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^5, 4^4, 3^5, 2^5\})$	56733696
12	$\mathcal{O}(2; \{6^5, 4^4, 3^8, 2\})$	452874240
12	$\mathcal{O}(2; \{6^5, 4^6, 3^2, 2^6\})$	27869184
12	$\mathcal{O}(2; \{6^5, 4^6, 3^5, 2^2\})$	226934784
12	$\mathcal{O}(2; \{6^5, 4^8, 3^2, 2^3\})$	111476736
12	$\mathcal{O}(2; \{6^5, 4^{10}, 3^2\})$	445906944
12	$\mathcal{O}(2; \{6^6, 2^{16}\})$	427680
12	$\mathcal{O}(2; \{6^6, 3^3, 2^{12}\})$	3304800
12	$\mathcal{O}(2; \{6^6, 3^6, 2^8\})$	26555040
12	$\mathcal{O}(2; \{6^6, 3^9, 2^4\})$	212323680
12	$\mathcal{O}(2; \{6^6, 3^{12}\})$	1698706080
12	$\mathcal{O}(2; \{6^6, 4^2, 2^{13}\})$	912384
12	$\mathcal{O}(2; \{6^6, 4^2, 3^3, 2^9\})$	7050240
12	$\mathcal{O}(2; \{6^6, 4^2, 3^6, 2^5\})$	56650752
12	$\mathcal{O}(2; \{6^6, 4^2, 3^9, 2\})$	452957184
12	$\mathcal{O}(2; \{6^6, 4^4, 2^{10}\})$	3649536
12	$\mathcal{O}(2; \{6^6, 4^4, 3^3, 2^6\})$	28200960
12	$\mathcal{O}(2; \{6^6, 4^4, 3^6, 2^2\})$	226603008
12	$\mathcal{O}(2; \{6^6, 4^6, 2^7\})$	14598144
12	$\mathcal{O}(2; \{6^6, 4^6, 3^3, 2^3\})$	112803840
12	$\mathcal{O}(2; \{6^6, 4^8, 2^4\})$	58392576
12	$\mathcal{O}(2; \{6^6, 4^8, 3^3\})$	451215360
12	$\mathcal{O}(2; \{6^6, 4^{10}, 2\})$	233570304
12	$\mathcal{O}(2; \{6^7, 3, 2^{13}\})$	1671840
12	$\mathcal{O}(2; \{6^7, 3^4, 2^9\})$	13258080
12	$\mathcal{O}(2; \{6^7, 3^7, 2^5\})$	106181280
12	$\mathcal{O}(2; \{6^7, 3^{10}, 2\})$	849333600
12	$\mathcal{O}(2; \{6^7, 4^2, 3, 2^{10}\})$	3566592
12	$\mathcal{O}(2; \{6^7, 4^2, 3^4, 2^6\})$	28283904
12	$\mathcal{O}(2; \{6^7, 4^2, 3^7, 2^2\})$	226520064
12	$\mathcal{O}(2; \{6^7, 4^4, 3, 2^7\})$	14266368
12	$\mathcal{O}(2; \{6^7, 4^4, 3^4, 2^3\})$	113135616
12	$\mathcal{O}(2; \{6^7, 4^6, 3, 2^4\})$	57065472
12	$\mathcal{O}(2; \{6^7, 4^6, 3^4\})$	452542464
12	$\mathcal{O}(2; \{6^7, 4^8, 3, 2\})$	228261888
12	$\mathcal{O}(2; \{6^8, 3^2, 2^{10}\})$	6648480
12	$\mathcal{O}(2; \{6^8, 3^5, 2^6\})$	53071200
12	$\mathcal{O}(2; \{6^8, 3^8, 2^2\})$	424686240
12	$\mathcal{O}(2; \{6^8, 4^2, 3^2, 2^7\})$	14183424
12	$\mathcal{O}(2; \{6^8, 4^2, 3^5, 2^3\})$	113218560
12	$\mathcal{O}(2; \{6^8, 4^4, 3^2, 2^4\})$	56733696
12	$\mathcal{O}(2; \{6^8, 4^4, 3^5\})$	452874240
12	$\mathcal{O}(2; \{6^8, 4^6, 3^2, 2\})$	226934784

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^9, 2^{11}\})$	3304800
12	$\mathcal{O}(2; \{6^9, 3^3, 2^7\})$	26555040
12	$\mathcal{O}(2; \{6^9, 3^6, 2^3\})$	212323680
12	$\mathcal{O}(2; \{6^9, 4^2, 2^8\})$	7050240
12	$\mathcal{O}(2; \{6^9, 4^2, 3^3, 2^4\})$	56650752
12	$\mathcal{O}(2; \{6^9, 4^2, 3^6\})$	452957184
12	$\mathcal{O}(2; \{6^9, 4^4, 2^5\})$	28200960
12	$\mathcal{O}(2; \{6^9, 4^4, 3^3, 2\})$	226603008
12	$\mathcal{O}(2; \{6^9, 4^6, 2^2\})$	112803840
12	$\mathcal{O}(2; \{6^{10}, 3, 2^8\})$	13258080
12	$\mathcal{O}(2; \{6^{10}, 3^4, 2^4\})$	106181280
12	$\mathcal{O}(2; \{6^{10}, 3^7\})$	849333600
12	$\mathcal{O}(2; \{6^{10}, 4^2, 3, 2^5\})$	28283904
12	$\mathcal{O}(2; \{6^{10}, 4^2, 3^4, 2\})$	226520064
12	$\mathcal{O}(2; \{6^{10}, 4^4, 3, 2^2\})$	113135616
12	$\mathcal{O}(2; \{6^{11}, 3^2, 2^5\})$	53071200
12	$\mathcal{O}(2; \{6^{11}, 3^5, 2\})$	424686240
12	$\mathcal{O}(2; \{6^{11}, 4^2, 3^2, 2^2\})$	113218560
12	$\mathcal{O}(2; \{6^{12}, 2^6\})$	26555040
12	$\mathcal{O}(2; \{6^{12}, 3^3, 2^2\})$	212323680
12	$\mathcal{O}(2; \{6^{12}, 4^2, 2^3\})$	56650752
12	$\mathcal{O}(2; \{6^{12}, 4^4\})$	226603008
12	$\mathcal{O}(2; \{6^{13}, 3, 2^3\})$	106181280
12	$\mathcal{O}(2; \{6^{13}, 4^2, 3\})$	226520064
12	$\mathcal{O}(2; \{6^{14}, 3^2\})$	424686240
12	$\mathcal{O}(2; \{6^{15}, 2\})$	212323680
12	$\mathcal{O}(2; \{12, 4, 3^2, 2^{20}\})$	82944
12	$\mathcal{O}(2; \{12, 4, 3^5, 2^{16}\})$	912384
12	$\mathcal{O}(2; \{12, 4, 3^8, 2^{12}\})$	7050240
12	$\mathcal{O}(2; \{12, 4, 3^{11}, 2^8\})$	56650752
12	$\mathcal{O}(2; \{12, 4, 3^{14}, 2^4\})$	452957184
12	$\mathcal{O}(2; \{12, 4, 3^{17}\})$	3623906304
12	$\mathcal{O}(2; \{12, 4^3, 3^2, 2^{17}\})$	331776
12	$\mathcal{O}(2; \{12, 4^3, 3^5, 2^{13}\})$	3649536
12	$\mathcal{O}(2; \{12, 4^3, 3^8, 2^9\})$	28200960
12	$\mathcal{O}(2; \{12, 4^3, 3^{11}, 2^5\})$	226603008
12	$\mathcal{O}(2; \{12, 4^3, 3^{14}, 2\})$	1811828736
12	$\mathcal{O}(2; \{12, 4^5, 3^2, 2^{14}\})$	1327104
12	$\mathcal{O}(2; \{12, 4^5, 3^5, 2^{10}\})$	14598144
12	$\mathcal{O}(2; \{12, 4^5, 3^8, 2^6\})$	112803840
12	$\mathcal{O}(2; \{12, 4^5, 3^{11}, 2^2\})$	906412032
12	$\mathcal{O}(2; \{12, 4^7, 3^2, 2^{11}\})$	5308416
12	$\mathcal{O}(2; \{12, 4^7, 3^5, 2^7\})$	58392576

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 4^7, 3^8, 2^3\})$	451215360
12	$\mathcal{O}(2; \{12, 4^9, 3^2, 2^8\})$	21233664
12	$\mathcal{O}(2; \{12, 4^9, 3^5, 2^4\})$	233570304
12	$\mathcal{O}(2; \{12, 4^9, 3^8\})$	1804861440
12	$\mathcal{O}(2; \{12, 4^{11}, 3^2, 2^5\})$	84934656
12	$\mathcal{O}(2; \{12, 4^{11}, 3^5, 2\})$	934281216
12	$\mathcal{O}(2; \{12, 4^{13}, 3^2, 2^2\})$	339738624
12	$\mathcal{O}(2; \{12, 6, 4, 2^{21}\})$	82944
12	$\mathcal{O}(2; \{12, 6, 4, 3^3, 2^{17}\})$	414720
12	$\mathcal{O}(2; \{12, 6, 4, 3^6, 2^{13}\})$	3566592
12	$\mathcal{O}(2; \{12, 6, 4, 3^9, 2^9\})$	28283904
12	$\mathcal{O}(2; \{12, 6, 4, 3^{12}, 2^5\})$	226520064
12	$\mathcal{O}(2; \{12, 6, 4, 3^{15}, 2\})$	1811911680
12	$\mathcal{O}(2; \{12, 6, 4^3, 2^{18}\})$	331776
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^3, 2^{14}\})$	1658880
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^6, 2^{10}\})$	14266368
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^9, 2^6\})$	113135616
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^{12}, 2^2\})$	906080256
12	$\mathcal{O}(2; \{12, 6, 4^5, 2^{15}\})$	1327104
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^3, 2^{11}\})$	6635520
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^6, 2^7\})$	57065472
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^9, 2^3\})$	452542464
12	$\mathcal{O}(2; \{12, 6, 4^7, 2^{12}\})$	5308416
12	$\mathcal{O}(2; \{12, 6, 4^7, 3^3, 2^8\})$	26542080
12	$\mathcal{O}(2; \{12, 6, 4^7, 3^6, 2^4\})$	228261888
12	$\mathcal{O}(2; \{12, 6, 4^7, 3^9\})$	1810169856
12	$\mathcal{O}(2; \{12, 6, 4^9, 2^9\})$	21233664
12	$\mathcal{O}(2; \{12, 6, 4^9, 3^3, 2^5\})$	106168320
12	$\mathcal{O}(2; \{12, 6, 4^9, 3^6, 2\})$	913047552
12	$\mathcal{O}(2; \{12, 6, 4^{11}, 2^6\})$	84934656
12	$\mathcal{O}(2; \{12, 6, 4^{11}, 3^3, 2^2\})$	424673280
12	$\mathcal{O}(2; \{12, 6, 4^{13}, 2^3\})$	339738624
12	$\mathcal{O}(2; \{12, 6, 4^{15}\})$	1358954496
12	$\mathcal{O}(2; \{12, 6^2, 4, 3, 2^{18}\})$	248832
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^4, 2^{14}\})$	1741824
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^7, 2^{10}\})$	14183424
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^{10}, 2^6\})$	113218560
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^{13}, 2^2\})$	905997312
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3, 2^{15}\})$	995328
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^4, 2^{11}\})$	6967296
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^7, 2^7\})$	56733696
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^{10}, 2^3\})$	452874240
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3, 2^{12}\})$	3981312

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3^4, 2^8\})$	27869184
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3^7, 2^4\})$	226934784
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3^{10}\})$	1811496960
12	$\mathcal{O}(2; \{12, 6^2, 4^7, 3, 2^9\})$	15925248
12	$\mathcal{O}(2; \{12, 6^2, 4^7, 3^4, 2^5\})$	111476736
12	$\mathcal{O}(2; \{12, 6^2, 4^7, 3^7, 2\})$	907739136
12	$\mathcal{O}(2; \{12, 6^2, 4^9, 3, 2^6\})$	63700992
12	$\mathcal{O}(2; \{12, 6^2, 4^9, 3^4, 2^2\})$	445906944
12	$\mathcal{O}(2; \{12, 6^2, 4^{11}, 3, 2^3\})$	254803968
12	$\mathcal{O}(2; \{12, 6^2, 4^{13}, 3\})$	1019215872
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^2, 2^{15}\})$	912384
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^5, 2^{11}\})$	7050240
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^8, 2^7\})$	56650752
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^{11}, 2^3\})$	452957184
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^2, 2^{12}\})$	3649536
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^5, 2^8\})$	28200960
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^8, 2^4\})$	226603008
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^{11}\})$	1811828736
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 3^2, 2^9\})$	14598144
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 3^5, 2^5\})$	112803840
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 3^8, 2\})$	906412032
12	$\mathcal{O}(2; \{12, 6^3, 4^7, 3^2, 2^6\})$	58392576
12	$\mathcal{O}(2; \{12, 6^3, 4^7, 3^5, 2^2\})$	451215360
12	$\mathcal{O}(2; \{12, 6^3, 4^9, 3^2, 2^3\})$	233570304
12	$\mathcal{O}(2; \{12, 6^3, 4^{11}, 3^2\})$	934281216
12	$\mathcal{O}(2; \{12, 6^4, 4, 2^{16}\})$	414720
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^3, 2^{12}\})$	3566592
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^6, 2^8\})$	28283904
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^9, 2^4\})$	226520064
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^{12}\})$	1811911680
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 2^{13}\})$	1658880
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3^3, 2^9\})$	14266368
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3^6, 2^5\})$	113135616
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3^9, 2\})$	906080256
12	$\mathcal{O}(2; \{12, 6^4, 4^5, 2^{10}\})$	6635520
12	$\mathcal{O}(2; \{12, 6^4, 4^5, 3^3, 2^6\})$	57065472
12	$\mathcal{O}(2; \{12, 6^4, 4^5, 3^6, 2^2\})$	452542464
12	$\mathcal{O}(2; \{12, 6^4, 4^7, 2^7\})$	26542080
12	$\mathcal{O}(2; \{12, 6^4, 4^7, 3^3, 2^3\})$	228261888
12	$\mathcal{O}(2; \{12, 6^4, 4^9, 2^4\})$	106168320
12	$\mathcal{O}(2; \{12, 6^4, 4^9, 3^3\})$	913047552
12	$\mathcal{O}(2; \{12, 6^4, 4^{11}, 2\})$	424673280
12	$\mathcal{O}(2; \{12, 6^5, 4, 3, 2^{13}\})$	1741824

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^4, 2^9\})$	14183424
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^7, 2^5\})$	113218560
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^{10}, 2\})$	905997312
12	$\mathcal{O}(2; \{12, 6^5, 4^3, 3, 2^{10}\})$	6967296
12	$\mathcal{O}(2; \{12, 6^5, 4^3, 3^4, 2^6\})$	56733696
12	$\mathcal{O}(2; \{12, 6^5, 4^3, 3^7, 2^2\})$	452874240
12	$\mathcal{O}(2; \{12, 6^5, 4^5, 3, 2^7\})$	27869184
12	$\mathcal{O}(2; \{12, 6^5, 4^5, 3^4, 2^3\})$	226934784
12	$\mathcal{O}(2; \{12, 6^5, 4^7, 3, 2^4\})$	111476736
12	$\mathcal{O}(2; \{12, 6^5, 4^7, 3^4\})$	907739136
12	$\mathcal{O}(2; \{12, 6^5, 4^9, 3, 2\})$	445906944
12	$\mathcal{O}(2; \{12, 6^6, 4, 3^2, 2^{10}\})$	7050240
12	$\mathcal{O}(2; \{12, 6^6, 4, 3^5, 2^6\})$	56650752
12	$\mathcal{O}(2; \{12, 6^6, 4, 3^8, 2^2\})$	452957184
12	$\mathcal{O}(2; \{12, 6^6, 4^3, 3^2, 2^7\})$	28200960
12	$\mathcal{O}(2; \{12, 6^6, 4^3, 3^5, 2^3\})$	226603008
12	$\mathcal{O}(2; \{12, 6^6, 4^5, 3^2, 2^4\})$	112803840
12	$\mathcal{O}(2; \{12, 6^6, 4^5, 3^5\})$	906412032
12	$\mathcal{O}(2; \{12, 6^6, 4^7, 3^2, 2\})$	451215360
12	$\mathcal{O}(2; \{12, 6^7, 4, 2^{11}\})$	3566592
12	$\mathcal{O}(2; \{12, 6^7, 4, 3^3, 2^7\})$	28283904
12	$\mathcal{O}(2; \{12, 6^7, 4, 3^6, 2^3\})$	226520064
12	$\mathcal{O}(2; \{12, 6^7, 4^3, 2^8\})$	14266368
12	$\mathcal{O}(2; \{12, 6^7, 4^3, 3^3, 2^4\})$	113135616
12	$\mathcal{O}(2; \{12, 6^7, 4^3, 3^6\})$	906080256
12	$\mathcal{O}(2; \{12, 6^7, 4^5, 2^5\})$	57065472
12	$\mathcal{O}(2; \{12, 6^7, 4^5, 3^3, 2\})$	452542464
12	$\mathcal{O}(2; \{12, 6^7, 4^7, 2^2\})$	228261888
12	$\mathcal{O}(2; \{12, 6^8, 4, 3, 2^8\})$	14183424
12	$\mathcal{O}(2; \{12, 6^8, 4, 3^4, 2^4\})$	113218560
12	$\mathcal{O}(2; \{12, 6^8, 4, 3^7\})$	905997312
12	$\mathcal{O}(2; \{12, 6^8, 4^3, 3, 2^5\})$	56733696
12	$\mathcal{O}(2; \{12, 6^8, 4^3, 3^4, 2\})$	452874240
12	$\mathcal{O}(2; \{12, 6^8, 4^5, 3, 2^2\})$	226934784
12	$\mathcal{O}(2; \{12, 6^9, 4, 3^2, 2^5\})$	56650752
12	$\mathcal{O}(2; \{12, 6^9, 4, 3^5, 2\})$	452957184
12	$\mathcal{O}(2; \{12, 6^9, 4^3, 3^2, 2^2\})$	226603008
12	$\mathcal{O}(2; \{12, 6^{10}, 4, 2^6\})$	28283904
12	$\mathcal{O}(2; \{12, 6^{10}, 4, 3^3, 2^2\})$	226520064
12	$\mathcal{O}(2; \{12, 6^{10}, 4^3, 2^3\})$	113135616
12	$\mathcal{O}(2; \{12, 6^{10}, 4^5\})$	452542464
12	$\mathcal{O}(2; \{12, 6^{11}, 4, 3, 2^3\})$	113218560
12	$\mathcal{O}(2; \{12, 6^{11}, 4^3, 3\})$	452874240

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 6^{12}, 4, 3^2\})$	452957184
12	$\mathcal{O}(2; \{12, 6^{13}, 4, 2\})$	226520064
12	$\mathcal{O}(2; \{12^2, 3, 2^{21}\})$	82944
12	$\mathcal{O}(2; \{12^2, 3^4, 2^{17}\})$	912384
12	$\mathcal{O}(2; \{12^2, 3^7, 2^{13}\})$	7050240
12	$\mathcal{O}(2; \{12^2, 3^{10}, 2^9\})$	56650752
12	$\mathcal{O}(2; \{12^2, 3^{13}, 2^5\})$	452957184
12	$\mathcal{O}(2; \{12^2, 3^{16}, 2\})$	3623906304
12	$\mathcal{O}(2; \{12^2, 4^2, 3, 2^{18}\})$	331776
12	$\mathcal{O}(2; \{12^2, 4^2, 3^4, 2^{14}\})$	3649536
12	$\mathcal{O}(2; \{12^2, 4^2, 3^7, 2^{10}\})$	28200960
12	$\mathcal{O}(2; \{12^2, 4^2, 3^{10}, 2^6\})$	226603008
12	$\mathcal{O}(2; \{12^2, 4^2, 3^{13}, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 4^4, 3, 2^{15}\})$	1327104
12	$\mathcal{O}(2; \{12^2, 4^4, 3^4, 2^{11}\})$	14598144
12	$\mathcal{O}(2; \{12^2, 4^4, 3^7, 2^7\})$	112803840
12	$\mathcal{O}(2; \{12^2, 4^4, 3^{10}, 2^3\})$	906412032
12	$\mathcal{O}(2; \{12^2, 4^6, 3, 2^{12}\})$	5308416
12	$\mathcal{O}(2; \{12^2, 4^6, 3^4, 2^8\})$	58392576
12	$\mathcal{O}(2; \{12^2, 4^6, 3^7, 2^4\})$	451215360
12	$\mathcal{O}(2; \{12^2, 4^6, 3^{10}\})$	3625648128
12	$\mathcal{O}(2; \{12^2, 4^8, 3, 2^9\})$	21233664
12	$\mathcal{O}(2; \{12^2, 4^8, 3^4, 2^5\})$	233570304
12	$\mathcal{O}(2; \{12^2, 4^8, 3^7, 2\})$	1804861440
12	$\mathcal{O}(2; \{12^2, 4^{10}, 3, 2^6\})$	84934656
12	$\mathcal{O}(2; \{12^2, 4^{10}, 3^4, 2^2\})$	934281216
12	$\mathcal{O}(2; \{12^2, 4^{12}, 3, 2^3\})$	339738624
12	$\mathcal{O}(2; \{12^2, 4^{14}, 3\})$	1358954496
12	$\mathcal{O}(2; \{12^2, 6, 3^2, 2^{18}\})$	414720
12	$\mathcal{O}(2; \{12^2, 6, 3^5, 2^{14}\})$	3566592
12	$\mathcal{O}(2; \{12^2, 6, 3^8, 2^{10}\})$	28283904
12	$\mathcal{O}(2; \{12^2, 6, 3^{11}, 2^6\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6, 3^{14}, 2^2\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^2, 2^{15}\})$	1658880
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^5, 2^{11}\})$	14266368
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^8, 2^7\})$	113135616
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^{11}, 2^3\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^2, 2^{12}\})$	6635520
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^5, 2^8\})$	57065472
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^8, 2^4\})$	452542464
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^{11}\})$	3624321024
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 3^2, 2^9\})$	26542080
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 3^5, 2^5\})$	228261888

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 3^8, 2\})$	1810169856
12	$\mathcal{O}(2; \{12^2, 6, 4^8, 3^2, 2^6\})$	106168320
12	$\mathcal{O}(2; \{12^2, 6, 4^8, 3^5, 2^2\})$	913047552
12	$\mathcal{O}(2; \{12^2, 6, 4^{10}, 3^2, 2^3\})$	424673280
12	$\mathcal{O}(2; \{12^2, 6, 4^{12}, 3^2\})$	1698693120
12	$\mathcal{O}(2; \{12^2, 6^2, 2^{19}\})$	248832
12	$\mathcal{O}(2; \{12^2, 6^2, 3^3, 2^{15}\})$	1741824
12	$\mathcal{O}(2; \{12^2, 6^2, 3^6, 2^{11}\})$	14183424
12	$\mathcal{O}(2; \{12^2, 6^2, 3^9, 2^7\})$	113218560
12	$\mathcal{O}(2; \{12^2, 6^2, 3^{12}, 2^3\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 2^{16}\})$	995328
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^3, 2^{12}\})$	6967296
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^6, 2^8\})$	56733696
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^9, 2^4\})$	452874240
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^{12}\})$	3623989248
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 2^{13}\})$	3981312
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3^3, 2^9\})$	27869184
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3^6, 2^5\})$	226934784
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3^9, 2\})$	1811496960
12	$\mathcal{O}(2; \{12^2, 6^2, 4^6, 2^{10}\})$	15925248
12	$\mathcal{O}(2; \{12^2, 6^2, 4^6, 3^3, 2^6\})$	111476736
12	$\mathcal{O}(2; \{12^2, 6^2, 4^6, 3^6, 2^2\})$	907739136
12	$\mathcal{O}(2; \{12^2, 6^2, 4^8, 2^7\})$	63700992
12	$\mathcal{O}(2; \{12^2, 6^2, 4^8, 3^3, 2^3\})$	445906944
12	$\mathcal{O}(2; \{12^2, 6^2, 4^{10}, 2^4\})$	254803968
12	$\mathcal{O}(2; \{12^2, 6^2, 4^{10}, 3^3\})$	1783627776
12	$\mathcal{O}(2; \{12^2, 6^2, 4^{12}, 2\})$	1019215872
12	$\mathcal{O}(2; \{12^2, 6^3, 3, 2^{16}\})$	912384
12	$\mathcal{O}(2; \{12^2, 6^3, 3^4, 2^{12}\})$	7050240
12	$\mathcal{O}(2; \{12^2, 6^3, 3^7, 2^8\})$	56650752
12	$\mathcal{O}(2; \{12^2, 6^3, 3^{10}, 2^4\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^3, 3^{13}\})$	3623906304
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3, 2^{13}\})$	3649536
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^4, 2^9\})$	28200960
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^7, 2^5\})$	226603008
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^{10}, 2\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6^3, 4^4, 3, 2^{10}\})$	14598144
12	$\mathcal{O}(2; \{12^2, 6^3, 4^4, 3^4, 2^6\})$	112803840
12	$\mathcal{O}(2; \{12^2, 6^3, 4^4, 3^7, 2^2\})$	906412032
12	$\mathcal{O}(2; \{12^2, 6^3, 4^6, 3, 2^7\})$	58392576
12	$\mathcal{O}(2; \{12^2, 6^3, 4^6, 3^4, 2^3\})$	451215360
12	$\mathcal{O}(2; \{12^2, 6^3, 4^8, 3, 2^4\})$	233570304
12	$\mathcal{O}(2; \{12^2, 6^3, 4^8, 3^4\})$	1804861440

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 6^3, 4^{10}, 3, 2\})$	934281216
12	$\mathcal{O}(2; \{12^2, 6^4, 3^2, 2^{13}\})$	3566592
12	$\mathcal{O}(2; \{12^2, 6^4, 3^5, 2^9\})$	28283904
12	$\mathcal{O}(2; \{12^2, 6^4, 3^8, 2^5\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^4, 3^{11}, 2\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 3^2, 2^{10}\})$	14266368
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 3^5, 2^6\})$	113135616
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 3^8, 2^2\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^4, 4^4, 3^2, 2^7\})$	57065472
12	$\mathcal{O}(2; \{12^2, 6^4, 4^4, 3^5, 2^3\})$	452542464
12	$\mathcal{O}(2; \{12^2, 6^4, 4^6, 3^2, 2^4\})$	228261888
12	$\mathcal{O}(2; \{12^2, 6^4, 4^6, 3^5\})$	1810169856
12	$\mathcal{O}(2; \{12^2, 6^4, 4^8, 3^2, 2\})$	913047552
12	$\mathcal{O}(2; \{12^2, 6^5, 2^{14}\})$	1741824
12	$\mathcal{O}(2; \{12^2, 6^5, 3^3, 2^{10}\})$	14183424
12	$\mathcal{O}(2; \{12^2, 6^5, 3^6, 2^6\})$	113218560
12	$\mathcal{O}(2; \{12^2, 6^5, 3^9, 2^2\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^5, 4^2, 2^{11}\})$	6967296
12	$\mathcal{O}(2; \{12^2, 6^5, 4^2, 3^3, 2^7\})$	56733696
12	$\mathcal{O}(2; \{12^2, 6^5, 4^2, 3^6, 2^3\})$	452874240
12	$\mathcal{O}(2; \{12^2, 6^5, 4^4, 2^8\})$	27869184
12	$\mathcal{O}(2; \{12^2, 6^5, 4^4, 3^3, 2^4\})$	226934784
12	$\mathcal{O}(2; \{12^2, 6^5, 4^4, 3^6\})$	1811496960
12	$\mathcal{O}(2; \{12^2, 6^5, 4^6, 2^5\})$	111476736
12	$\mathcal{O}(2; \{12^2, 6^5, 4^6, 3^3, 2\})$	907739136
12	$\mathcal{O}(2; \{12^2, 6^5, 4^8, 2^2\})$	445906944
12	$\mathcal{O}(2; \{12^2, 6^6, 3, 2^{11}\})$	7050240
12	$\mathcal{O}(2; \{12^2, 6^6, 3^4, 2^7\})$	56650752
12	$\mathcal{O}(2; \{12^2, 6^6, 3^7, 2^3\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^6, 4^2, 3, 2^8\})$	28200960
12	$\mathcal{O}(2; \{12^2, 6^6, 4^2, 3^4, 2^4\})$	226603008
12	$\mathcal{O}(2; \{12^2, 6^6, 4^2, 3^7\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6^6, 4^4, 3, 2^5\})$	112803840
12	$\mathcal{O}(2; \{12^2, 6^6, 4^4, 3^4, 2\})$	906412032
12	$\mathcal{O}(2; \{12^2, 6^6, 4^6, 3, 2^2\})$	451215360
12	$\mathcal{O}(2; \{12^2, 6^7, 3^2, 2^8\})$	28283904
12	$\mathcal{O}(2; \{12^2, 6^7, 3^5, 2^4\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^7, 3^8\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6^7, 4^2, 3^2, 2^5\})$	113135616
12	$\mathcal{O}(2; \{12^2, 6^7, 4^2, 3^5, 2\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^7, 4^4, 3^2, 2^2\})$	452542464
12	$\mathcal{O}(2; \{12^2, 6^8, 2^9\})$	14183424
12	$\mathcal{O}(2; \{12^2, 6^8, 3^3, 2^5\})$	113218560

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 6^8, 3^6, 2\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^8, 4^2, 2^6\})$	56733696
12	$\mathcal{O}(2; \{12^2, 6^8, 4^2, 3^3, 2^2\})$	452874240
12	$\mathcal{O}(2; \{12^2, 6^8, 4^4, 2^3\})$	226934784
12	$\mathcal{O}(2; \{12^2, 6^8, 4^6\})$	907739136
12	$\mathcal{O}(2; \{12^2, 6^9, 3, 2^6\})$	56650752
12	$\mathcal{O}(2; \{12^2, 6^9, 3^4, 2^2\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^9, 4^2, 3, 2^3\})$	226603008
12	$\mathcal{O}(2; \{12^2, 6^9, 4^4, 3\})$	906412032
12	$\mathcal{O}(2; \{12^2, 6^{10}, 3^2, 2^3\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^{10}, 4^2, 3^2\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^{11}, 2^4\})$	113218560
12	$\mathcal{O}(2; \{12^2, 6^{11}, 3^3\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^{11}, 4^2, 2\})$	452874240
12	$\mathcal{O}(2; \{12^2, 6^{12}, 3, 2\})$	452957184
12	$\mathcal{O}(2; \{12^3, 4, 2^{19}\})$	331776
12	$\mathcal{O}(2; \{12^3, 4, 3^3, 2^{15}\})$	3649536
12	$\mathcal{O}(2; \{12^3, 4, 3^6, 2^{11}\})$	28200960
12	$\mathcal{O}(2; \{12^3, 4, 3^9, 2^7\})$	226603008
12	$\mathcal{O}(2; \{12^3, 4, 3^{12}, 2^3\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 4^3, 2^{16}\})$	1327104
12	$\mathcal{O}(2; \{12^3, 4^3, 3^3, 2^{12}\})$	14598144
12	$\mathcal{O}(2; \{12^3, 4^3, 3^6, 2^8\})$	112803840
12	$\mathcal{O}(2; \{12^3, 4^3, 3^9, 2^4\})$	906412032
12	$\mathcal{O}(2; \{12^3, 4^3, 3^{12}\})$	7247314944
12	$\mathcal{O}(2; \{12^3, 4^5, 2^{13}\})$	5308416
12	$\mathcal{O}(2; \{12^3, 4^5, 3^3, 2^9\})$	58392576
12	$\mathcal{O}(2; \{12^3, 4^5, 3^6, 2^5\})$	451215360
12	$\mathcal{O}(2; \{12^3, 4^5, 3^9, 2\})$	3625648128
12	$\mathcal{O}(2; \{12^3, 4^7, 2^{10}\})$	21233664
12	$\mathcal{O}(2; \{12^3, 4^7, 3^3, 2^6\})$	233570304
12	$\mathcal{O}(2; \{12^3, 4^7, 3^6, 2^2\})$	1804861440
12	$\mathcal{O}(2; \{12^3, 4^9, 2^7\})$	84934656
12	$\mathcal{O}(2; \{12^3, 4^9, 3^3, 2^3\})$	934281216
12	$\mathcal{O}(2; \{12^3, 4^{11}, 2^4\})$	339738624
12	$\mathcal{O}(2; \{12^3, 4^{11}, 3^3\})$	3737124864
12	$\mathcal{O}(2; \{12^3, 4^{13}, 2\})$	1358954496
12	$\mathcal{O}(2; \{12^3, 6, 4, 3, 2^{16}\})$	1658880
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^4, 2^{12}\})$	14266368
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^7, 2^8\})$	113135616
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^{10}, 2^4\})$	906080256
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^{13}\})$	7247646720
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3, 2^{13}\})$	6635520

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^4, 2^9\})$	57065472
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^7, 2^5\})$	452542464
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^{10}, 2\})$	3624321024
12	$\mathcal{O}(2; \{12^3, 6, 4^5, 3, 2^{10}\})$	26542080
12	$\mathcal{O}(2; \{12^3, 6, 4^5, 3^4, 2^6\})$	228261888
12	$\mathcal{O}(2; \{12^3, 6, 4^5, 3^7, 2^2\})$	1810169856
12	$\mathcal{O}(2; \{12^3, 6, 4^7, 3, 2^7\})$	106168320
12	$\mathcal{O}(2; \{12^3, 6, 4^7, 3^4, 2^3\})$	913047552
12	$\mathcal{O}(2; \{12^3, 6, 4^9, 3, 2^4\})$	424673280
12	$\mathcal{O}(2; \{12^3, 6, 4^9, 3^4\})$	3652190208
12	$\mathcal{O}(2; \{12^3, 6, 4^{11}, 3, 2\})$	1698693120
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^2, 2^{13}\})$	6967296
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^5, 2^9\})$	56733696
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^8, 2^5\})$	452874240
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^{11}, 2\})$	3623989248
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 3^2, 2^{10}\})$	27869184
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 3^5, 2^6\})$	226934784
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 3^8, 2^2\})$	1811496960
12	$\mathcal{O}(2; \{12^3, 6^2, 4^5, 3^2, 2^7\})$	111476736
12	$\mathcal{O}(2; \{12^3, 6^2, 4^5, 3^5, 2^3\})$	907739136
12	$\mathcal{O}(2; \{12^3, 6^2, 4^7, 3^2, 2^4\})$	445906944
12	$\mathcal{O}(2; \{12^3, 6^2, 4^7, 3^5\})$	3630956544
12	$\mathcal{O}(2; \{12^3, 6^2, 4^9, 3^2, 2\})$	1783627776
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 2^{14}\})$	3649536
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3^3, 2^{10}\})$	28200960
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3^6, 2^6\})$	226603008
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3^9, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 6^3, 4^3, 2^{11}\})$	14598144
12	$\mathcal{O}(2; \{12^3, 6^3, 4^3, 3^3, 2^7\})$	112803840
12	$\mathcal{O}(2; \{12^3, 6^3, 4^3, 3^6, 2^3\})$	906412032
12	$\mathcal{O}(2; \{12^3, 6^3, 4^5, 2^8\})$	58392576
12	$\mathcal{O}(2; \{12^3, 6^3, 4^5, 3^3, 2^4\})$	451215360
12	$\mathcal{O}(2; \{12^3, 6^3, 4^5, 3^6\})$	3625648128
12	$\mathcal{O}(2; \{12^3, 6^3, 4^7, 2^5\})$	233570304
12	$\mathcal{O}(2; \{12^3, 6^3, 4^7, 3^3, 2\})$	1804861440
12	$\mathcal{O}(2; \{12^3, 6^3, 4^9, 2^2\})$	934281216
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 3, 2^{11}\})$	14266368
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 3^4, 2^7\})$	113135616
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 3^7, 2^3\})$	906080256
12	$\mathcal{O}(2; \{12^3, 6^4, 4^3, 3, 2^8\})$	57065472
12	$\mathcal{O}(2; \{12^3, 6^4, 4^3, 3^4, 2^4\})$	452542464
12	$\mathcal{O}(2; \{12^3, 6^4, 4^3, 3^7\})$	3624321024
12	$\mathcal{O}(2; \{12^3, 6^4, 4^5, 3, 2^5\})$	228261888

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^3, 6^4, 4^5, 3^4, 2\})$	1810169856
12	$\mathcal{O}(2; \{12^3, 6^4, 4^7, 3, 2^2\})$	913047552
12	$\mathcal{O}(2; \{12^3, 6^5, 4, 3^2, 2^8\})$	56733696
12	$\mathcal{O}(2; \{12^3, 6^5, 4, 3^5, 2^4\})$	452874240
12	$\mathcal{O}(2; \{12^3, 6^5, 4, 3^8\})$	3623989248
12	$\mathcal{O}(2; \{12^3, 6^5, 4^3, 3^2, 2^5\})$	226934784
12	$\mathcal{O}(2; \{12^3, 6^5, 4^3, 3^5, 2\})$	1811496960
12	$\mathcal{O}(2; \{12^3, 6^5, 4^5, 3^2, 2^2\})$	907739136
12	$\mathcal{O}(2; \{12^3, 6^6, 4, 2^9\})$	28200960
12	$\mathcal{O}(2; \{12^3, 6^6, 4, 3^3, 2^5\})$	226603008
12	$\mathcal{O}(2; \{12^3, 6^6, 4, 3^6, 2\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 6^6, 4^3, 2^6\})$	112803840
12	$\mathcal{O}(2; \{12^3, 6^6, 4^3, 3^3, 2^2\})$	906412032
12	$\mathcal{O}(2; \{12^3, 6^6, 4^5, 2^3\})$	451215360
12	$\mathcal{O}(2; \{12^3, 6^6, 4^7\})$	1804861440
12	$\mathcal{O}(2; \{12^3, 6^7, 4, 3, 2^6\})$	113135616
12	$\mathcal{O}(2; \{12^3, 6^7, 4, 3^4, 2^2\})$	906080256
12	$\mathcal{O}(2; \{12^3, 6^7, 4^3, 3, 2^3\})$	452542464
12	$\mathcal{O}(2; \{12^3, 6^7, 4^5, 3\})$	1810169856
12	$\mathcal{O}(2; \{12^3, 6^8, 4, 3^2, 2^3\})$	452874240
12	$\mathcal{O}(2; \{12^3, 6^8, 4^3, 3^2\})$	1811496960
12	$\mathcal{O}(2; \{12^3, 6^9, 4, 2^4\})$	226603008
12	$\mathcal{O}(2; \{12^3, 6^9, 4, 3^3\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 6^9, 4^3, 2\})$	906412032
12	$\mathcal{O}(2; \{12^3, 6^{10}, 4, 3, 2\})$	906080256
12	$\mathcal{O}(2; \{12^4, 3^2, 2^{16}\})$	3649536
12	$\mathcal{O}(2; \{12^4, 3^5, 2^{12}\})$	28200960
12	$\mathcal{O}(2; \{12^4, 3^8, 2^8\})$	226603008
12	$\mathcal{O}(2; \{12^4, 3^{11}, 2^4\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 3^{14}\})$	14495625216
12	$\mathcal{O}(2; \{12^4, 4^2, 3^2, 2^{13}\})$	14598144
12	$\mathcal{O}(2; \{12^4, 4^2, 3^5, 2^9\})$	112803840
12	$\mathcal{O}(2; \{12^4, 4^2, 3^8, 2^5\})$	906412032
12	$\mathcal{O}(2; \{12^4, 4^2, 3^{11}, 2\})$	7247314944
12	$\mathcal{O}(2; \{12^4, 4^4, 3^2, 2^{10}\})$	58392576
12	$\mathcal{O}(2; \{12^4, 4^4, 3^5, 2^6\})$	451215360
12	$\mathcal{O}(2; \{12^4, 4^4, 3^8, 2^2\})$	3625648128
12	$\mathcal{O}(2; \{12^4, 4^6, 3^2, 2^7\})$	233570304
12	$\mathcal{O}(2; \{12^4, 4^6, 3^5, 2^3\})$	1804861440
12	$\mathcal{O}(2; \{12^4, 4^8, 3^2, 2^4\})$	934281216
12	$\mathcal{O}(2; \{12^4, 4^8, 3^5\})$	7219445760
12	$\mathcal{O}(2; \{12^4, 4^{10}, 3^2, 2\})$	3737124864
12	$\mathcal{O}(2; \{12^4, 6, 2^{17}\})$	1658880

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^4, 6, 3^3, 2^{13}\})$	14266368
12	$\mathcal{O}(2; \{12^4, 6, 3^6, 2^9\})$	113135616
12	$\mathcal{O}(2; \{12^4, 6, 3^9, 2^5\})$	906080256
12	$\mathcal{O}(2; \{12^4, 6, 3^{12}, 2\})$	7247646720
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 2^{14}\})$	6635520
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3^3, 2^{10}\})$	57065472
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3^6, 2^6\})$	452542464
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3^9, 2^2\})$	3624321024
12	$\mathcal{O}(2; \{12^4, 6, 4^4, 2^{11}\})$	26542080
12	$\mathcal{O}(2; \{12^4, 6, 4^4, 3^3, 2^7\})$	228261888
12	$\mathcal{O}(2; \{12^4, 6, 4^4, 3^6, 2^3\})$	1810169856
12	$\mathcal{O}(2; \{12^4, 6, 4^6, 2^8\})$	106168320
12	$\mathcal{O}(2; \{12^4, 6, 4^6, 3^3, 2^4\})$	913047552
12	$\mathcal{O}(2; \{12^4, 6, 4^6, 3^6\})$	7240679424
12	$\mathcal{O}(2; \{12^4, 6, 4^8, 2^5\})$	424673280
12	$\mathcal{O}(2; \{12^4, 6, 4^8, 3^3, 2\})$	3652190208
12	$\mathcal{O}(2; \{12^4, 6, 4^{10}, 2^2\})$	1698693120
12	$\mathcal{O}(2; \{12^4, 6^2, 3, 2^{14}\})$	6967296
12	$\mathcal{O}(2; \{12^4, 6^2, 3^4, 2^{10}\})$	56733696
12	$\mathcal{O}(2; \{12^4, 6^2, 3^7, 2^6\})$	452874240
12	$\mathcal{O}(2; \{12^4, 6^2, 3^{10}, 2^2\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 3, 2^{11}\})$	27869184
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 3^4, 2^7\})$	226934784
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 3^7, 2^3\})$	1811496960
12	$\mathcal{O}(2; \{12^4, 6^2, 4^4, 3, 2^8\})$	111476736
12	$\mathcal{O}(2; \{12^4, 6^2, 4^4, 3^4, 2^4\})$	907739136
12	$\mathcal{O}(2; \{12^4, 6^2, 4^4, 3^7\})$	7245987840
12	$\mathcal{O}(2; \{12^4, 6^2, 4^6, 3, 2^5\})$	445906944
12	$\mathcal{O}(2; \{12^4, 6^2, 4^6, 3^4, 2\})$	3630956544
12	$\mathcal{O}(2; \{12^4, 6^2, 4^8, 3, 2^2\})$	1783627776
12	$\mathcal{O}(2; \{12^4, 6^3, 3^2, 2^{11}\})$	28200960
12	$\mathcal{O}(2; \{12^4, 6^3, 3^5, 2^7\})$	226603008
12	$\mathcal{O}(2; \{12^4, 6^3, 3^8, 2^3\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 6^3, 4^2, 3^2, 2^8\})$	112803840
12	$\mathcal{O}(2; \{12^4, 6^3, 4^2, 3^5, 2^4\})$	906412032
12	$\mathcal{O}(2; \{12^4, 6^3, 4^2, 3^8\})$	7247314944
12	$\mathcal{O}(2; \{12^4, 6^3, 4^4, 3^2, 2^5\})$	451215360
12	$\mathcal{O}(2; \{12^4, 6^3, 4^4, 3^5, 2\})$	3625648128
12	$\mathcal{O}(2; \{12^4, 6^3, 4^6, 3^2, 2^2\})$	1804861440
12	$\mathcal{O}(2; \{12^4, 6^4, 2^{12}\})$	14266368
12	$\mathcal{O}(2; \{12^4, 6^4, 3^3, 2^8\})$	113135616
12	$\mathcal{O}(2; \{12^4, 6^4, 3^6, 2^4\})$	906080256
12	$\mathcal{O}(2; \{12^4, 6^4, 3^9\})$	7247646720

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^4, 6^4, 4^2, 2^9\})$	57065472
12	$\mathcal{O}(2; \{12^4, 6^4, 4^2, 3^3, 2^5\})$	452542464
12	$\mathcal{O}(2; \{12^4, 6^4, 4^2, 3^6, 2\})$	3624321024
12	$\mathcal{O}(2; \{12^4, 6^4, 4^4, 2^6\})$	228261888
12	$\mathcal{O}(2; \{12^4, 6^4, 4^4, 3^3, 2^2\})$	1810169856
12	$\mathcal{O}(2; \{12^4, 6^4, 4^6, 2^3\})$	913047552
12	$\mathcal{O}(2; \{12^4, 6^4, 4^8\})$	3652190208
12	$\mathcal{O}(2; \{12^4, 6^5, 3, 2^9\})$	56733696
12	$\mathcal{O}(2; \{12^4, 6^5, 3^4, 2^5\})$	452874240
12	$\mathcal{O}(2; \{12^4, 6^5, 3^7, 2\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 6^5, 4^2, 3, 2^6\})$	226934784
12	$\mathcal{O}(2; \{12^4, 6^5, 4^2, 3^4, 2^2\})$	1811496960
12	$\mathcal{O}(2; \{12^4, 6^5, 4^4, 3, 2^3\})$	907739136
12	$\mathcal{O}(2; \{12^4, 6^5, 4^6, 3\})$	3630956544
12	$\mathcal{O}(2; \{12^4, 6^6, 3^2, 2^6\})$	226603008
12	$\mathcal{O}(2; \{12^4, 6^6, 3^5, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 6^6, 4^2, 3^2, 2^3\})$	906412032
12	$\mathcal{O}(2; \{12^4, 6^6, 4^4, 3^2\})$	3625648128
12	$\mathcal{O}(2; \{12^4, 6^7, 2^7\})$	113135616
12	$\mathcal{O}(2; \{12^4, 6^7, 3^3, 2^3\})$	906080256
12	$\mathcal{O}(2; \{12^4, 6^7, 4^2, 2^4\})$	452542464
12	$\mathcal{O}(2; \{12^4, 6^7, 4^2, 3^3\})$	3624321024
12	$\mathcal{O}(2; \{12^4, 6^7, 4^4, 2\})$	1810169856
12	$\mathcal{O}(2; \{12^4, 6^8, 3, 2^4\})$	452874240
12	$\mathcal{O}(2; \{12^4, 6^8, 3^4\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 6^8, 4^2, 3, 2\})$	1811496960
12	$\mathcal{O}(2; \{12^4, 6^9, 3^2, 2\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 6^{10}, 2^2\})$	906080256
12	$\mathcal{O}(2; \{12^5, 4, 3, 2^{14}\})$	14598144
12	$\mathcal{O}(2; \{12^5, 4, 3^4, 2^{10}\})$	112803840
12	$\mathcal{O}(2; \{12^5, 4, 3^7, 2^6\})$	906412032
12	$\mathcal{O}(2; \{12^5, 4, 3^{10}, 2^2\})$	7247314944
12	$\mathcal{O}(2; \{12^5, 4^3, 3, 2^{11}\})$	58392576
12	$\mathcal{O}(2; \{12^5, 4^3, 3^4, 2^7\})$	451215360
12	$\mathcal{O}(2; \{12^5, 4^3, 3^7, 2^3\})$	3625648128
12	$\mathcal{O}(2; \{12^5, 4^5, 3, 2^8\})$	233570304
12	$\mathcal{O}(2; \{12^5, 4^5, 3^4, 2^4\})$	1804861440
12	$\mathcal{O}(2; \{12^5, 4^5, 3^7\})$	14502592512
12	$\mathcal{O}(2; \{12^5, 4^7, 3, 2^5\})$	934281216
12	$\mathcal{O}(2; \{12^5, 4^7, 3^4, 2\})$	7219445760
12	$\mathcal{O}(2; \{12^5, 4^9, 3, 2^2\})$	3737124864
12	$\mathcal{O}(2; \{12^5, 6, 4, 3^2, 2^{11}\})$	57065472
12	$\mathcal{O}(2; \{12^5, 6, 4, 3^5, 2^7\})$	452542464

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^5, 6, 4, 3^8, 2^3\})$	3624321024
12	$\mathcal{O}(2; \{12^5, 6, 4^3, 3^2, 2^8\})$	228261888
12	$\mathcal{O}(2; \{12^5, 6, 4^3, 3^5, 2^4\})$	1810169856
12	$\mathcal{O}(2; \{12^5, 6, 4^3, 3^8\})$	14497284096
12	$\mathcal{O}(2; \{12^5, 6, 4^5, 3^2, 2^5\})$	913047552
12	$\mathcal{O}(2; \{12^5, 6, 4^5, 3^5, 2\})$	7240679424
12	$\mathcal{O}(2; \{12^5, 6, 4^7, 3^2, 2^2\})$	3652190208
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 2^{12}\})$	27869184
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 3^3, 2^8\})$	226934784
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 3^6, 2^4\})$	1811496960
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 3^9\})$	14495956992
12	$\mathcal{O}(2; \{12^5, 6^2, 4^3, 2^9\})$	111476736
12	$\mathcal{O}(2; \{12^5, 6^2, 4^3, 3^3, 2^5\})$	907739136
12	$\mathcal{O}(2; \{12^5, 6^2, 4^3, 3^6, 2\})$	7245987840
12	$\mathcal{O}(2; \{12^5, 6^2, 4^5, 2^6\})$	445906944
12	$\mathcal{O}(2; \{12^5, 6^2, 4^5, 3^3, 2^2\})$	3630956544
12	$\mathcal{O}(2; \{12^5, 6^2, 4^7, 2^3\})$	1783627776
12	$\mathcal{O}(2; \{12^5, 6^2, 4^9\})$	7134511104
12	$\mathcal{O}(2; \{12^5, 6^3, 4, 3, 2^9\})$	112803840
12	$\mathcal{O}(2; \{12^5, 6^3, 4, 3^4, 2^5\})$	906412032
12	$\mathcal{O}(2; \{12^5, 6^3, 4, 3^7, 2\})$	7247314944
12	$\mathcal{O}(2; \{12^5, 6^3, 4^3, 3, 2^6\})$	451215360
12	$\mathcal{O}(2; \{12^5, 6^3, 4^3, 3^4, 2^2\})$	3625648128
12	$\mathcal{O}(2; \{12^5, 6^3, 4^5, 3, 2^3\})$	1804861440
12	$\mathcal{O}(2; \{12^5, 6^3, 4^7, 3\})$	7219445760
12	$\mathcal{O}(2; \{12^5, 6^4, 4, 3^2, 2^6\})$	452542464
12	$\mathcal{O}(2; \{12^5, 6^4, 4, 3^5, 2^2\})$	3624321024
12	$\mathcal{O}(2; \{12^5, 6^4, 4^3, 3^2, 2^3\})$	1810169856
12	$\mathcal{O}(2; \{12^5, 6^4, 4^5, 3^2\})$	7240679424
12	$\mathcal{O}(2; \{12^5, 6^5, 4, 2^7\})$	226934784
12	$\mathcal{O}(2; \{12^5, 6^5, 4, 3^3, 2^3\})$	1811496960
12	$\mathcal{O}(2; \{12^5, 6^5, 4^3, 2^4\})$	907739136
12	$\mathcal{O}(2; \{12^5, 6^5, 4^3, 3^3\})$	7245987840
12	$\mathcal{O}(2; \{12^5, 6^5, 4^5, 2\})$	3630956544
12	$\mathcal{O}(2; \{12^5, 6^6, 4, 3, 2^4\})$	906412032
12	$\mathcal{O}(2; \{12^5, 6^6, 4, 3^4\})$	7247314944
12	$\mathcal{O}(2; \{12^5, 6^6, 4^3, 3, 2\})$	3625648128
12	$\mathcal{O}(2; \{12^5, 6^7, 4, 3^2, 2\})$	3624321024
12	$\mathcal{O}(2; \{12^5, 6^8, 4, 2^2\})$	1811496960
12	$\mathcal{O}(2; \{12^6, 2^{15}\})$	14598144
12	$\mathcal{O}(2; \{12^6, 3^3, 2^{11}\})$	112803840
12	$\mathcal{O}(2; \{12^6, 3^6, 2^7\})$	906412032
12	$\mathcal{O}(2; \{12^6, 3^9, 2^3\})$	7247314944

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^6, 4^2, 2^{12}\})$	58392576
12	$\mathcal{O}(2; \{12^6, 4^2, 3^3, 2^8\})$	451215360
12	$\mathcal{O}(2; \{12^6, 4^2, 3^6, 2^4\})$	3625648128
12	$\mathcal{O}(2; \{12^6, 4^2, 3^9\})$	28989259776
12	$\mathcal{O}(2; \{12^6, 4^4, 2^9\})$	233570304
12	$\mathcal{O}(2; \{12^6, 4^4, 3^3, 2^5\})$	1804861440
12	$\mathcal{O}(2; \{12^6, 4^4, 3^6, 2\})$	14502592512
12	$\mathcal{O}(2; \{12^6, 4^6, 2^6\})$	934281216
12	$\mathcal{O}(2; \{12^6, 4^6, 3^3, 2^2\})$	7219445760
12	$\mathcal{O}(2; \{12^6, 4^8, 2^3\})$	3737124864
12	$\mathcal{O}(2; \{12^6, 4^{10}\})$	14948499456
12	$\mathcal{O}(2; \{12^6, 6, 3, 2^{12}\})$	57065472
12	$\mathcal{O}(2; \{12^6, 6, 3^4, 2^8\})$	452542464
12	$\mathcal{O}(2; \{12^6, 6, 3^7, 2^4\})$	3624321024
12	$\mathcal{O}(2; \{12^6, 6, 3^{10}\})$	28990586880
12	$\mathcal{O}(2; \{12^6, 6, 4^2, 3, 2^9\})$	228261888
12	$\mathcal{O}(2; \{12^6, 6, 4^2, 3^4, 2^5\})$	1810169856
12	$\mathcal{O}(2; \{12^6, 6, 4^2, 3^7, 2\})$	14497284096
12	$\mathcal{O}(2; \{12^6, 6, 4^4, 3, 2^6\})$	913047552
12	$\mathcal{O}(2; \{12^6, 6, 4^4, 3^4, 2^2\})$	7240679424
12	$\mathcal{O}(2; \{12^6, 6, 4^6, 3, 2^3\})$	3652190208
12	$\mathcal{O}(2; \{12^6, 6, 4^8, 3\})$	14608760832
12	$\mathcal{O}(2; \{12^6, 6^2, 3^2, 2^9\})$	226934784
12	$\mathcal{O}(2; \{12^6, 6^2, 3^5, 2^5\})$	1811496960
12	$\mathcal{O}(2; \{12^6, 6^2, 3^8, 2\})$	14495956992
12	$\mathcal{O}(2; \{12^6, 6^2, 4^2, 3^2, 2^6\})$	907739136
12	$\mathcal{O}(2; \{12^6, 6^2, 4^2, 3^5, 2^2\})$	7245987840
12	$\mathcal{O}(2; \{12^6, 6^2, 4^4, 3^2, 2^3\})$	3630956544
12	$\mathcal{O}(2; \{12^6, 6^2, 4^6, 3^2\})$	14523826176
12	$\mathcal{O}(2; \{12^6, 6^3, 2^{10}\})$	112803840
12	$\mathcal{O}(2; \{12^6, 6^3, 3^3, 2^6\})$	906412032
12	$\mathcal{O}(2; \{12^6, 6^3, 3^6, 2^2\})$	7247314944
12	$\mathcal{O}(2; \{12^6, 6^3, 4^2, 2^7\})$	451215360
12	$\mathcal{O}(2; \{12^6, 6^3, 4^2, 3^3, 2^3\})$	3625648128
12	$\mathcal{O}(2; \{12^6, 6^3, 4^4, 2^4\})$	1804861440
12	$\mathcal{O}(2; \{12^6, 6^3, 4^4, 3^3\})$	14502592512
12	$\mathcal{O}(2; \{12^6, 6^3, 4^6, 2\})$	7219445760
12	$\mathcal{O}(2; \{12^6, 6^4, 3, 2^7\})$	452542464
12	$\mathcal{O}(2; \{12^6, 6^4, 3^4, 2^3\})$	3624321024
12	$\mathcal{O}(2; \{12^6, 6^4, 4^2, 3, 2^4\})$	1810169856
12	$\mathcal{O}(2; \{12^6, 6^4, 4^2, 3^4\})$	14497284096
12	$\mathcal{O}(2; \{12^6, 6^4, 4^4, 3, 2\})$	7240679424
12	$\mathcal{O}(2; \{12^6, 6^5, 3^2, 2^4\})$	1811496960

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^6, 6^5, 3^5\})$	14495956992
12	$\mathcal{O}(2; \{12^6, 6^5, 4^2, 3^2, 2\})$	7245987840
12	$\mathcal{O}(2; \{12^6, 6^6, 2^5\})$	906412032
12	$\mathcal{O}(2; \{12^6, 6^6, 3^3, 2\})$	7247314944
12	$\mathcal{O}(2; \{12^6, 6^6, 4^2, 2^2\})$	3625648128
12	$\mathcal{O}(2; \{12^6, 6^7, 3, 2^2\})$	3624321024
12	$\mathcal{O}(2; \{12^6, 6^9\})$	7247314944
12	$\mathcal{O}(2; \{12^7, 4, 3^2, 2^9\})$	451215360
12	$\mathcal{O}(2; \{12^7, 4, 3^5, 2^5\})$	3625648128
12	$\mathcal{O}(2; \{12^7, 4, 3^8, 2\})$	28989259776
12	$\mathcal{O}(2; \{12^7, 4^3, 3^2, 2^6\})$	1804861440
12	$\mathcal{O}(2; \{12^7, 4^3, 3^5, 2^2\})$	14502592512
12	$\mathcal{O}(2; \{12^7, 4^5, 3^2, 2^3\})$	7219445760
12	$\mathcal{O}(2; \{12^7, 4^7, 3^2\})$	28877783040
12	$\mathcal{O}(2; \{12^7, 6, 4, 2^{10}\})$	228261888
12	$\mathcal{O}(2; \{12^7, 6, 4, 3^3, 2^6\})$	1810169856
12	$\mathcal{O}(2; \{12^7, 6, 4, 3^6, 2^2\})$	14497284096
12	$\mathcal{O}(2; \{12^7, 6, 4^3, 2^7\})$	913047552
12	$\mathcal{O}(2; \{12^7, 6, 4^3, 3^3, 2^3\})$	7240679424
12	$\mathcal{O}(2; \{12^7, 6, 4^5, 2^4\})$	3652190208
12	$\mathcal{O}(2; \{12^7, 6, 4^5, 3^3\})$	28962717696
12	$\mathcal{O}(2; \{12^7, 6, 4^7, 2\})$	14608760832
12	$\mathcal{O}(2; \{12^7, 6^2, 4, 3, 2^7\})$	907739136
12	$\mathcal{O}(2; \{12^7, 6^2, 4, 3^4, 2^3\})$	7245987840
12	$\mathcal{O}(2; \{12^7, 6^2, 4^3, 3, 2^4\})$	3630956544
12	$\mathcal{O}(2; \{12^7, 6^2, 4^3, 3^4\})$	28983951360
12	$\mathcal{O}(2; \{12^7, 6^2, 4^5, 3, 2\})$	14523826176
12	$\mathcal{O}(2; \{12^7, 6^3, 4, 3^2, 2^4\})$	3625648128
12	$\mathcal{O}(2; \{12^7, 6^3, 4, 3^5\})$	28989259776
12	$\mathcal{O}(2; \{12^7, 6^3, 4^3, 3^2, 2\})$	14502592512
12	$\mathcal{O}(2; \{12^7, 6^4, 4, 2^5\})$	1810169856
12	$\mathcal{O}(2; \{12^7, 6^4, 4, 3^3, 2\})$	14497284096
12	$\mathcal{O}(2; \{12^7, 6^4, 4^3, 2^2\})$	7240679424
12	$\mathcal{O}(2; \{12^7, 6^5, 4, 3, 2^2\})$	7245987840
12	$\mathcal{O}(2; \{12^7, 6^7, 4\})$	14497284096
12	$\mathcal{O}(2; \{12^8, 3, 2^{10}\})$	451215360
12	$\mathcal{O}(2; \{12^8, 3^4, 2^6\})$	3625648128
12	$\mathcal{O}(2; \{12^8, 3^7, 2^2\})$	28989259776
12	$\mathcal{O}(2; \{12^8, 4^2, 3, 2^7\})$	1804861440
12	$\mathcal{O}(2; \{12^8, 4^2, 3^4, 2^3\})$	14502592512
12	$\mathcal{O}(2; \{12^8, 4^4, 3, 2^4\})$	7219445760
12	$\mathcal{O}(2; \{12^8, 4^4, 3^4\})$	58010370048
12	$\mathcal{O}(2; \{12^8, 4^6, 3, 2\})$	28877783040

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^8, 6, 3^2, 2^7\})$	1810169856
12	$\mathcal{O}(2; \{12^8, 6, 3^5, 2^3\})$	14497284096
12	$\mathcal{O}(2; \{12^8, 6, 4^2, 3^2, 2^4\})$	7240679424
12	$\mathcal{O}(2; \{12^8, 6, 4^2, 3^5\})$	57989136384
12	$\mathcal{O}(2; \{12^8, 6, 4^4, 3^2, 2\})$	28962717696
12	$\mathcal{O}(2; \{12^8, 6^2, 2^8\})$	907739136
12	$\mathcal{O}(2; \{12^8, 6^2, 3^3, 2^4\})$	7245987840
12	$\mathcal{O}(2; \{12^8, 6^2, 3^6\})$	57983827968
12	$\mathcal{O}(2; \{12^8, 6^2, 4^2, 2^5\})$	3630956544
12	$\mathcal{O}(2; \{12^8, 6^2, 4^2, 3^3, 2\})$	28983951360
12	$\mathcal{O}(2; \{12^8, 6^2, 4^4, 2^2\})$	14523826176
12	$\mathcal{O}(2; \{12^8, 6^3, 3, 2^5\})$	3625648128
12	$\mathcal{O}(2; \{12^8, 6^3, 3^4, 2\})$	28989259776
12	$\mathcal{O}(2; \{12^8, 6^3, 4^2, 3, 2^2\})$	14502592512
12	$\mathcal{O}(2; \{12^8, 6^4, 3^2, 2^2\})$	14497284096
12	$\mathcal{O}(2; \{12^8, 6^5, 2^3\})$	7245987840
12	$\mathcal{O}(2; \{12^8, 6^5, 4^2\})$	28983951360
12	$\mathcal{O}(2; \{12^8, 6^6, 3\})$	28989259776
12	$\mathcal{O}(2; \{12^9, 4, 2^8\})$	1804861440
12	$\mathcal{O}(2; \{12^9, 4, 3^3, 2^4\})$	14502592512
12	$\mathcal{O}(2; \{12^9, 4, 3^6\})$	115957039104
12	$\mathcal{O}(2; \{12^9, 4^3, 2^5\})$	7219445760
12	$\mathcal{O}(2; \{12^9, 4^3, 3^3, 2\})$	58010370048
12	$\mathcal{O}(2; \{12^9, 4^5, 2^2\})$	28877783040
12	$\mathcal{O}(2; \{12^9, 6, 4, 3, 2^5\})$	7240679424
12	$\mathcal{O}(2; \{12^9, 6, 4, 3^4, 2\})$	57989136384
12	$\mathcal{O}(2; \{12^9, 6, 4^3, 3, 2^2\})$	28962717696
12	$\mathcal{O}(2; \{12^9, 6^2, 4, 3^2, 2^2\})$	28983951360
12	$\mathcal{O}(2; \{12^9, 6^3, 4, 2^3\})$	14502592512
12	$\mathcal{O}(2; \{12^9, 6^3, 4^3\})$	58010370048
12	$\mathcal{O}(2; \{12^9, 6^4, 4, 3\})$	57989136384
12	$\mathcal{O}(2; \{12^{10}, 3^2, 2^5\})$	14502592512
12	$\mathcal{O}(2; \{12^{10}, 3^5, 2\})$	115957039104
12	$\mathcal{O}(2; \{12^{10}, 4^2, 3^2, 2^2\})$	58010370048
12	$\mathcal{O}(2; \{12^{10}, 6, 2^6\})$	7240679424
12	$\mathcal{O}(2; \{12^{10}, 6, 3^3, 2^2\})$	57989136384
12	$\mathcal{O}(2; \{12^{10}, 6, 4^2, 2^3\})$	28962717696
12	$\mathcal{O}(2; \{12^{10}, 6, 4^4\})$	115850870784
12	$\mathcal{O}(2; \{12^{10}, 6^2, 3, 2^3\})$	28983951360
12	$\mathcal{O}(2; \{12^{10}, 6^2, 4^2, 3\})$	115935805440
12	$\mathcal{O}(2; \{12^{10}, 6^3, 3^2\})$	115957039104
12	$\mathcal{O}(2; \{12^{10}, 6^4, 2\})$	57989136384
12	$\mathcal{O}(2; \{12^{11}, 4, 3, 2^3\})$	58010370048

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^{11}, 4^3, 3\})$	232041480192
12	$\mathcal{O}(2; \{12^{11}, 6, 4, 3^2\})$	231956545536
12	$\mathcal{O}(2; \{12^{11}, 6^2, 4, 2\})$	115935805440
12	$\mathcal{O}(2; \{12^{12}, 2^4\})$	58010370048
12	$\mathcal{O}(2; \{12^{12}, 3^3\})$	463828156416
12	$\mathcal{O}(2; \{12^{12}, 4^2, 2\})$	232041480192
12	$\mathcal{O}(2; \{12^{12}, 6, 3, 2\})$	231956545536
12	$\mathcal{O}(1; \{2^{30}\})$	96
12	$\mathcal{O}(1; \{3^3, 2^{26}\})$	216
12	$\mathcal{O}(1; \{3^6, 2^{22}\})$	2376
12	$\mathcal{O}(1; \{3^9, 2^{18}\})$	18360
12	$\mathcal{O}(1; \{3^{12}, 2^{14}\})$	147528
12	$\mathcal{O}(1; \{3^{15}, 2^{10}\})$	1179576
12	$\mathcal{O}(1; \{3^{18}, 2^6\})$	9437256
12	$\mathcal{O}(1; \{3^{21}, 2^2\})$	75497400
12	$\mathcal{O}(1; \{4^2, 2^{27}\})$	256
12	$\mathcal{O}(1; \{4^2, 3^3, 2^{23}\})$	576
12	$\mathcal{O}(1; \{4^2, 3^6, 2^{19}\})$	6336
12	$\mathcal{O}(1; \{4^2, 3^9, 2^{15}\})$	48960
12	$\mathcal{O}(1; \{4^2, 3^{12}, 2^{11}\})$	393408
12	$\mathcal{O}(1; \{4^2, 3^{15}, 2^7\})$	3145536
12	$\mathcal{O}(1; \{4^2, 3^{18}, 2^3\})$	25166016
12	$\mathcal{O}(1; \{4^4, 2^{24}\})$	1024
12	$\mathcal{O}(1; \{4^4, 3^3, 2^{20}\})$	2304
12	$\mathcal{O}(1; \{4^4, 3^6, 2^{16}\})$	25344
12	$\mathcal{O}(1; \{4^4, 3^9, 2^{12}\})$	195840
12	$\mathcal{O}(1; \{4^4, 3^{12}, 2^8\})$	1573632
12	$\mathcal{O}(1; \{4^4, 3^{15}, 2^4\})$	12582144
12	$\mathcal{O}(1; \{4^4, 3^{18}\})$	100664064
12	$\mathcal{O}(1; \{4^6, 2^{21}\})$	4096
12	$\mathcal{O}(1; \{4^6, 3^3, 2^{17}\})$	9216
12	$\mathcal{O}(1; \{4^6, 3^6, 2^{13}\})$	101376
12	$\mathcal{O}(1; \{4^6, 3^9, 2^9\})$	783360
12	$\mathcal{O}(1; \{4^6, 3^{12}, 2^5\})$	6294528
12	$\mathcal{O}(1; \{4^6, 3^{15}, 2\})$	50328576
12	$\mathcal{O}(1; \{4^8, 2^{18}\})$	16384
12	$\mathcal{O}(1; \{4^8, 3^3, 2^{14}\})$	36864
12	$\mathcal{O}(1; \{4^8, 3^6, 2^{10}\})$	405504
12	$\mathcal{O}(1; \{4^8, 3^9, 2^6\})$	3133440
12	$\mathcal{O}(1; \{4^8, 3^{12}, 2^2\})$	25178112
12	$\mathcal{O}(1; \{4^{10}, 2^{15}\})$	65536
12	$\mathcal{O}(1; \{4^{10}, 3^3, 2^{11}\})$	147456
12	$\mathcal{O}(1; \{4^{10}, 3^6, 2^7\})$	1622016

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{4^{10}, 3^9, 2^3\})$	12533760
12	$\mathcal{O}(1; \{4^{12}, 2^{12}\})$	262144
12	$\mathcal{O}(1; \{4^{12}, 3^3, 2^8\})$	589824
12	$\mathcal{O}(1; \{4^{12}, 3^6, 2^4\})$	6488064
12	$\mathcal{O}(1; \{4^{12}, 3^9\})$	50135040
12	$\mathcal{O}(1; \{4^{14}, 2^9\})$	1048576
12	$\mathcal{O}(1; \{4^{14}, 3^3, 2^5\})$	2359296
12	$\mathcal{O}(1; \{4^{14}, 3^6, 2\})$	25952256
12	$\mathcal{O}(1; \{4^{16}, 2^6\})$	4194304
12	$\mathcal{O}(1; \{4^{16}, 3^3, 2^2\})$	9437184
12	$\mathcal{O}(1; \{4^{18}, 2^3\})$	16777216
12	$\mathcal{O}(1; \{4^{20}\})$	67108864
12	$\mathcal{O}(1; \{6, 3, 2^{27}\})$	216
12	$\mathcal{O}(1; \{6, 3^4, 2^{23}\})$	1080
12	$\mathcal{O}(1; \{6, 3^7, 2^{19}\})$	9288
12	$\mathcal{O}(1; \{6, 3^{10}, 2^{15}\})$	73656
12	$\mathcal{O}(1; \{6, 3^{13}, 2^{11}\})$	589896
12	$\mathcal{O}(1; \{6, 3^{16}, 2^7\})$	4718520
12	$\mathcal{O}(1; \{6, 3^{19}, 2^3\})$	37748808
12	$\mathcal{O}(1; \{6, 4^2, 3, 2^{24}\})$	576
12	$\mathcal{O}(1; \{6, 4^2, 3^4, 2^{20}\})$	2880
12	$\mathcal{O}(1; \{6, 4^2, 3^7, 2^{16}\})$	24768
12	$\mathcal{O}(1; \{6, 4^2, 3^{10}, 2^{12}\})$	196416
12	$\mathcal{O}(1; \{6, 4^2, 3^{13}, 2^8\})$	1573056
12	$\mathcal{O}(1; \{6, 4^2, 3^{16}, 2^4\})$	12582720
12	$\mathcal{O}(1; \{6, 4^2, 3^{19}\})$	100663488
12	$\mathcal{O}(1; \{6, 4^4, 3, 2^{21}\})$	2304
12	$\mathcal{O}(1; \{6, 4^4, 3^4, 2^{17}\})$	11520
12	$\mathcal{O}(1; \{6, 4^4, 3^7, 2^{13}\})$	99072
12	$\mathcal{O}(1; \{6, 4^4, 3^{10}, 2^9\})$	785664
12	$\mathcal{O}(1; \{6, 4^4, 3^{13}, 2^5\})$	6292224
12	$\mathcal{O}(1; \{6, 4^4, 3^{16}, 2\})$	50330880
12	$\mathcal{O}(1; \{6, 4^6, 3, 2^{18}\})$	9216
12	$\mathcal{O}(1; \{6, 4^6, 3^4, 2^{14}\})$	46080
12	$\mathcal{O}(1; \{6, 4^6, 3^7, 2^{10}\})$	396288
12	$\mathcal{O}(1; \{6, 4^6, 3^{10}, 2^6\})$	3142656
12	$\mathcal{O}(1; \{6, 4^6, 3^{13}, 2^2\})$	25168896
12	$\mathcal{O}(1; \{6, 4^8, 3, 2^{15}\})$	36864
12	$\mathcal{O}(1; \{6, 4^8, 3^4, 2^{11}\})$	184320
12	$\mathcal{O}(1; \{6, 4^8, 3^7, 2^7\})$	1585152
12	$\mathcal{O}(1; \{6, 4^8, 3^{10}, 2^3\})$	12570624
12	$\mathcal{O}(1; \{6, 4^{10}, 3, 2^{12}\})$	147456
12	$\mathcal{O}(1; \{6, 4^{10}, 3^4, 2^8\})$	737280

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6, 4^{10}, 3^7, 2^4\})$	6340608
12	$\mathcal{O}(1; \{6, 4^{10}, 3^{10}\})$	50282496
12	$\mathcal{O}(1; \{6, 4^{12}, 3, 2^9\})$	589824
12	$\mathcal{O}(1; \{6, 4^{12}, 3^4, 2^5\})$	2949120
12	$\mathcal{O}(1; \{6, 4^{12}, 3^7, 2\})$	25362432
12	$\mathcal{O}(1; \{6, 4^{14}, 3, 2^6\})$	2359296
12	$\mathcal{O}(1; \{6, 4^{14}, 3^4, 2^2\})$	11796480
12	$\mathcal{O}(1; \{6, 4^{16}, 3, 2^3\})$	9437184
12	$\mathcal{O}(1; \{6, 4^{18}, 3\})$	37748736
12	$\mathcal{O}(1; \{6^2, 3^2, 2^{24}\})$	648
12	$\mathcal{O}(1; \{6^2, 3^5, 2^{20}\})$	4536
12	$\mathcal{O}(1; \{6^2, 3^8, 2^{16}\})$	36936
12	$\mathcal{O}(1; \{6^2, 3^{11}, 2^{12}\})$	294840
12	$\mathcal{O}(1; \{6^2, 3^{14}, 2^8\})$	2359368
12	$\mathcal{O}(1; \{6^2, 3^{17}, 2^4\})$	18874296
12	$\mathcal{O}(1; \{6^2, 3^{20}\})$	150995016
12	$\mathcal{O}(1; \{6^2, 4^2, 3^2, 2^{21}\})$	1728
12	$\mathcal{O}(1; \{6^2, 4^2, 3^5, 2^{17}\})$	12096
12	$\mathcal{O}(1; \{6^2, 4^2, 3^8, 2^{13}\})$	98496
12	$\mathcal{O}(1; \{6^2, 4^2, 3^{11}, 2^9\})$	786240
12	$\mathcal{O}(1; \{6^2, 4^2, 3^{14}, 2^5\})$	6291648
12	$\mathcal{O}(1; \{6^2, 4^2, 3^{17}, 2\})$	50331456
12	$\mathcal{O}(1; \{6^2, 4^4, 3^2, 2^{18}\})$	6912
12	$\mathcal{O}(1; \{6^2, 4^4, 3^5, 2^{14}\})$	48384
12	$\mathcal{O}(1; \{6^2, 4^4, 3^8, 2^{10}\})$	393984
12	$\mathcal{O}(1; \{6^2, 4^4, 3^{11}, 2^6\})$	3144960
12	$\mathcal{O}(1; \{6^2, 4^4, 3^{14}, 2^2\})$	25166592
12	$\mathcal{O}(1; \{6^2, 4^6, 3^2, 2^{15}\})$	27648
12	$\mathcal{O}(1; \{6^2, 4^6, 3^5, 2^{11}\})$	193536
12	$\mathcal{O}(1; \{6^2, 4^6, 3^8, 2^7\})$	1575936
12	$\mathcal{O}(1; \{6^2, 4^6, 3^{11}, 2^3\})$	12579840
12	$\mathcal{O}(1; \{6^2, 4^8, 3^2, 2^{12}\})$	110592
12	$\mathcal{O}(1; \{6^2, 4^8, 3^5, 2^8\})$	774144
12	$\mathcal{O}(1; \{6^2, 4^8, 3^8, 2^4\})$	6303744
12	$\mathcal{O}(1; \{6^2, 4^8, 3^{11}\})$	50319360
12	$\mathcal{O}(1; \{6^2, 4^{10}, 3^2, 2^9\})$	442368
12	$\mathcal{O}(1; \{6^2, 4^{10}, 3^5, 2^5\})$	3096576
12	$\mathcal{O}(1; \{6^2, 4^{10}, 3^8, 2\})$	25214976
12	$\mathcal{O}(1; \{6^2, 4^{12}, 3^2, 2^6\})$	1769472
12	$\mathcal{O}(1; \{6^2, 4^{12}, 3^5, 2^2\})$	12386304
12	$\mathcal{O}(1; \{6^2, 4^{14}, 3^2, 2^3\})$	7077888
12	$\mathcal{O}(1; \{6^2, 4^{16}, 3^2\})$	28311552
12	$\mathcal{O}(1; \{6^3, 2^{25}\})$	216

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^3, 3^3, 2^{21}\})$	2376
12	$\mathcal{O}(1; \{6^3, 3^6, 2^{17}\})$	18360
12	$\mathcal{O}(1; \{6^3, 3^9, 2^{13}\})$	147528
12	$\mathcal{O}(1; \{6^3, 3^{12}, 2^9\})$	1179576
12	$\mathcal{O}(1; \{6^3, 3^{15}, 2^5\})$	9437256
12	$\mathcal{O}(1; \{6^3, 3^{18}, 2\})$	75497400
12	$\mathcal{O}(1; \{6^3, 4^2, 2^{22}\})$	576
12	$\mathcal{O}(1; \{6^3, 4^2, 3^3, 2^{18}\})$	6336
12	$\mathcal{O}(1; \{6^3, 4^2, 3^6, 2^{14}\})$	48960
12	$\mathcal{O}(1; \{6^3, 4^2, 3^9, 2^{10}\})$	393408
12	$\mathcal{O}(1; \{6^3, 4^2, 3^{12}, 2^6\})$	3145536
12	$\mathcal{O}(1; \{6^3, 4^2, 3^{15}, 2^2\})$	25166016
12	$\mathcal{O}(1; \{6^3, 4^4, 2^{19}\})$	2304
12	$\mathcal{O}(1; \{6^3, 4^4, 3^3, 2^{15}\})$	25344
12	$\mathcal{O}(1; \{6^3, 4^4, 3^6, 2^{11}\})$	195840
12	$\mathcal{O}(1; \{6^3, 4^4, 3^9, 2^7\})$	1573632
12	$\mathcal{O}(1; \{6^3, 4^4, 3^{12}, 2^3\})$	12582144
12	$\mathcal{O}(1; \{6^3, 4^6, 2^{16}\})$	9216
12	$\mathcal{O}(1; \{6^3, 4^6, 3^3, 2^{12}\})$	101376
12	$\mathcal{O}(1; \{6^3, 4^6, 3^6, 2^8\})$	783360
12	$\mathcal{O}(1; \{6^3, 4^6, 3^9, 2^4\})$	6294528
12	$\mathcal{O}(1; \{6^3, 4^6, 3^{12}\})$	50328576
12	$\mathcal{O}(1; \{6^3, 4^8, 2^{13}\})$	36864
12	$\mathcal{O}(1; \{6^3, 4^8, 3^3, 2^9\})$	405504
12	$\mathcal{O}(1; \{6^3, 4^8, 3^6, 2^5\})$	3133440
12	$\mathcal{O}(1; \{6^3, 4^8, 3^9, 2\})$	25178112
12	$\mathcal{O}(1; \{6^3, 4^{10}, 2^{10}\})$	147456
12	$\mathcal{O}(1; \{6^3, 4^{10}, 3^3, 2^6\})$	1622016
12	$\mathcal{O}(1; \{6^3, 4^{10}, 3^6, 2^2\})$	12533760
12	$\mathcal{O}(1; \{6^3, 4^{12}, 2^7\})$	589824
12	$\mathcal{O}(1; \{6^3, 4^{12}, 3^3, 2^3\})$	6488064
12	$\mathcal{O}(1; \{6^3, 4^{14}, 2^4\})$	2359296
12	$\mathcal{O}(1; \{6^3, 4^{14}, 3^3\})$	25952256
12	$\mathcal{O}(1; \{6^3, 4^{16}, 2\})$	9437184
12	$\mathcal{O}(1; \{6^4, 3, 2^{22}\})$	1080
12	$\mathcal{O}(1; \{6^4, 3^4, 2^{18}\})$	9288
12	$\mathcal{O}(1; \{6^4, 3^7, 2^{14}\})$	73656
12	$\mathcal{O}(1; \{6^4, 3^{10}, 2^{10}\})$	589896
12	$\mathcal{O}(1; \{6^4, 3^{13}, 2^6\})$	4718520
12	$\mathcal{O}(1; \{6^4, 3^{16}, 2^2\})$	37748808
12	$\mathcal{O}(1; \{6^4, 4^2, 3, 2^{19}\})$	2880
12	$\mathcal{O}(1; \{6^4, 4^2, 3^4, 2^{15}\})$	24768
12	$\mathcal{O}(1; \{6^4, 4^2, 3^7, 2^{11}\})$	196416

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^4, 4^2, 3^{10}, 2^7\})$	1573056
12	$\mathcal{O}(1; \{6^4, 4^2, 3^{13}, 2^3\})$	12582720
12	$\mathcal{O}(1; \{6^4, 4^4, 3, 2^{16}\})$	11520
12	$\mathcal{O}(1; \{6^4, 4^4, 3^4, 2^{12}\})$	99072
12	$\mathcal{O}(1; \{6^4, 4^4, 3^7, 2^8\})$	785664
12	$\mathcal{O}(1; \{6^4, 4^4, 3^{10}, 2^4\})$	6292224
12	$\mathcal{O}(1; \{6^4, 4^4, 3^{13}\})$	50330880
12	$\mathcal{O}(1; \{6^4, 4^6, 3, 2^{13}\})$	46080
12	$\mathcal{O}(1; \{6^4, 4^6, 3^4, 2^9\})$	396288
12	$\mathcal{O}(1; \{6^4, 4^6, 3^7, 2^5\})$	3142656
12	$\mathcal{O}(1; \{6^4, 4^6, 3^{10}, 2\})$	25168896
12	$\mathcal{O}(1; \{6^4, 4^8, 3, 2^{10}\})$	184320
12	$\mathcal{O}(1; \{6^4, 4^8, 3^4, 2^6\})$	1585152
12	$\mathcal{O}(1; \{6^4, 4^8, 3^7, 2^2\})$	12570624
12	$\mathcal{O}(1; \{6^4, 4^{10}, 3, 2^7\})$	737280
12	$\mathcal{O}(1; \{6^4, 4^{10}, 3^4, 2^3\})$	6340608
12	$\mathcal{O}(1; \{6^4, 4^{12}, 3, 2^4\})$	2949120
12	$\mathcal{O}(1; \{6^4, 4^{12}, 3^4\})$	25362432
12	$\mathcal{O}(1; \{6^4, 4^{14}, 3, 2\})$	11796480
12	$\mathcal{O}(1; \{6^5, 3^2, 2^{19}\})$	4536
12	$\mathcal{O}(1; \{6^5, 3^5, 2^{15}\})$	36936
12	$\mathcal{O}(1; \{6^5, 3^8, 2^{11}\})$	294840
12	$\mathcal{O}(1; \{6^5, 3^{11}, 2^7\})$	2359368
12	$\mathcal{O}(1; \{6^5, 3^{14}, 2^3\})$	18874296
12	$\mathcal{O}(1; \{6^5, 4^2, 3^2, 2^{16}\})$	12096
12	$\mathcal{O}(1; \{6^5, 4^2, 3^5, 2^{12}\})$	98496
12	$\mathcal{O}(1; \{6^5, 4^2, 3^8, 2^8\})$	786240
12	$\mathcal{O}(1; \{6^5, 4^2, 3^{11}, 2^4\})$	6291648
12	$\mathcal{O}(1; \{6^5, 4^2, 3^{14}\})$	50331456
12	$\mathcal{O}(1; \{6^5, 4^4, 3^2, 2^{13}\})$	48384
12	$\mathcal{O}(1; \{6^5, 4^4, 3^5, 2^9\})$	393984
12	$\mathcal{O}(1; \{6^5, 4^4, 3^8, 2^5\})$	3144960
12	$\mathcal{O}(1; \{6^5, 4^4, 3^{11}, 2\})$	25166592
12	$\mathcal{O}(1; \{6^5, 4^6, 3^2, 2^{10}\})$	193536
12	$\mathcal{O}(1; \{6^5, 4^6, 3^5, 2^6\})$	1575936
12	$\mathcal{O}(1; \{6^5, 4^6, 3^8, 2^2\})$	12579840
12	$\mathcal{O}(1; \{6^5, 4^8, 3^2, 2^7\})$	774144
12	$\mathcal{O}(1; \{6^5, 4^8, 3^5, 2^3\})$	6303744
12	$\mathcal{O}(1; \{6^5, 4^{10}, 3^2, 2^4\})$	3096576
12	$\mathcal{O}(1; \{6^5, 4^{10}, 3^5\})$	25214976
12	$\mathcal{O}(1; \{6^5, 4^{12}, 3^2, 2\})$	12386304
12	$\mathcal{O}(1; \{6^6, 2^{20}\})$	2376
12	$\mathcal{O}(1; \{6^6, 3^3, 2^{16}\})$	18360

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^6, 3^6, 2^{12}\})$	147528
12	$\mathcal{O}(1; \{6^6, 3^9, 2^8\})$	1179576
12	$\mathcal{O}(1; \{6^6, 3^{12}, 2^4\})$	9437256
12	$\mathcal{O}(1; \{6^6, 3^{15}\})$	75497400
12	$\mathcal{O}(1; \{6^6, 4^2, 2^{17}\})$	6336
12	$\mathcal{O}(1; \{6^6, 4^2, 3^3, 2^{13}\})$	48960
12	$\mathcal{O}(1; \{6^6, 4^2, 3^6, 2^9\})$	393408
12	$\mathcal{O}(1; \{6^6, 4^2, 3^9, 2^5\})$	3145536
12	$\mathcal{O}(1; \{6^6, 4^2, 3^{12}, 2\})$	25166016
12	$\mathcal{O}(1; \{6^6, 4^4, 2^{14}\})$	25344
12	$\mathcal{O}(1; \{6^6, 4^4, 3^3, 2^{10}\})$	195840
12	$\mathcal{O}(1; \{6^6, 4^4, 3^6, 2^6\})$	1573632
12	$\mathcal{O}(1; \{6^6, 4^4, 3^9, 2^2\})$	12582144
12	$\mathcal{O}(1; \{6^6, 4^6, 2^{11}\})$	101376
12	$\mathcal{O}(1; \{6^6, 4^6, 3^3, 2^7\})$	783360
12	$\mathcal{O}(1; \{6^6, 4^6, 3^6, 2^3\})$	6294528
12	$\mathcal{O}(1; \{6^6, 4^8, 2^8\})$	405504
12	$\mathcal{O}(1; \{6^6, 4^8, 3^3, 2^4\})$	3133440
12	$\mathcal{O}(1; \{6^6, 4^8, 3^6\})$	25178112
12	$\mathcal{O}(1; \{6^6, 4^{10}, 2^5\})$	1622016
12	$\mathcal{O}(1; \{6^6, 4^{10}, 3^3, 2\})$	12533760
12	$\mathcal{O}(1; \{6^6, 4^{12}, 2^2\})$	6488064
12	$\mathcal{O}(1; \{6^7, 3, 2^{17}\})$	9288
12	$\mathcal{O}(1; \{6^7, 3^4, 2^{13}\})$	73656
12	$\mathcal{O}(1; \{6^7, 3^7, 2^9\})$	589896
12	$\mathcal{O}(1; \{6^7, 3^{10}, 2^5\})$	4718520
12	$\mathcal{O}(1; \{6^7, 3^{13}, 2\})$	37748808
12	$\mathcal{O}(1; \{6^7, 4^2, 3, 2^{14}\})$	24768
12	$\mathcal{O}(1; \{6^7, 4^2, 3^4, 2^{10}\})$	196416
12	$\mathcal{O}(1; \{6^7, 4^2, 3^7, 2^6\})$	1573056
12	$\mathcal{O}(1; \{6^7, 4^2, 3^{10}, 2^2\})$	12582720
12	$\mathcal{O}(1; \{6^7, 4^4, 3, 2^{11}\})$	99072
12	$\mathcal{O}(1; \{6^7, 4^4, 3^4, 2^7\})$	785664
12	$\mathcal{O}(1; \{6^7, 4^4, 3^7, 2^3\})$	6292224
12	$\mathcal{O}(1; \{6^7, 4^6, 3, 2^8\})$	396288
12	$\mathcal{O}(1; \{6^7, 4^6, 3^4, 2^4\})$	3142656
12	$\mathcal{O}(1; \{6^7, 4^6, 3^7\})$	25168896
12	$\mathcal{O}(1; \{6^7, 4^8, 3, 2^5\})$	1585152
12	$\mathcal{O}(1; \{6^7, 4^8, 3^4, 2\})$	12570624
12	$\mathcal{O}(1; \{6^7, 4^{10}, 3, 2^2\})$	6340608
12	$\mathcal{O}(1; \{6^8, 3^2, 2^{14}\})$	36936
12	$\mathcal{O}(1; \{6^8, 3^5, 2^{10}\})$	294840
12	$\mathcal{O}(1; \{6^8, 3^8, 2^6\})$	2359368

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^8, 3^{11}, 2^2\})$	18874296
12	$\mathcal{O}(1; \{6^8, 4^2, 3^2, 2^{11}\})$	98496
12	$\mathcal{O}(1; \{6^8, 4^2, 3^5, 2^7\})$	786240
12	$\mathcal{O}(1; \{6^8, 4^2, 3^8, 2^3\})$	6291648
12	$\mathcal{O}(1; \{6^8, 4^4, 3^2, 2^8\})$	393984
12	$\mathcal{O}(1; \{6^8, 4^4, 3^5, 2^4\})$	3144960
12	$\mathcal{O}(1; \{6^8, 4^4, 3^8\})$	25166592
12	$\mathcal{O}(1; \{6^8, 4^6, 3^2, 2^5\})$	1575936
12	$\mathcal{O}(1; \{6^8, 4^6, 3^5, 2\})$	12579840
12	$\mathcal{O}(1; \{6^8, 4^8, 3^2, 2^2\})$	6303744
12	$\mathcal{O}(1; \{6^9, 2^{15}\})$	18360
12	$\mathcal{O}(1; \{6^9, 3^3, 2^{11}\})$	147528
12	$\mathcal{O}(1; \{6^9, 3^6, 2^7\})$	1179576
12	$\mathcal{O}(1; \{6^9, 3^9, 2^3\})$	9437256
12	$\mathcal{O}(1; \{6^9, 4^2, 2^{12}\})$	48960
12	$\mathcal{O}(1; \{6^9, 4^2, 3^3, 2^8\})$	393408
12	$\mathcal{O}(1; \{6^9, 4^2, 3^6, 2^4\})$	3145536
12	$\mathcal{O}(1; \{6^9, 4^2, 3^9\})$	25166016
12	$\mathcal{O}(1; \{6^9, 4^4, 2^9\})$	195840
12	$\mathcal{O}(1; \{6^9, 4^4, 3^3, 2^5\})$	1573632
12	$\mathcal{O}(1; \{6^9, 4^4, 3^6, 2\})$	12582144
12	$\mathcal{O}(1; \{6^9, 4^6, 2^6\})$	783360
12	$\mathcal{O}(1; \{6^9, 4^6, 3^3, 2^2\})$	6294528
12	$\mathcal{O}(1; \{6^9, 4^8, 2^3\})$	3133440
12	$\mathcal{O}(1; \{6^9, 4^{10}\})$	12533760
12	$\mathcal{O}(1; \{6^{10}, 3, 2^{12}\})$	73656
12	$\mathcal{O}(1; \{6^{10}, 3^4, 2^8\})$	589896
12	$\mathcal{O}(1; \{6^{10}, 3^7, 2^4\})$	4718520
12	$\mathcal{O}(1; \{6^{10}, 3^{10}\})$	37748808
12	$\mathcal{O}(1; \{6^{10}, 4^2, 3, 2^9\})$	196416
12	$\mathcal{O}(1; \{6^{10}, 4^2, 3^4, 2^5\})$	1573056
12	$\mathcal{O}(1; \{6^{10}, 4^2, 3^7, 2\})$	12582720
12	$\mathcal{O}(1; \{6^{10}, 4^4, 3, 2^6\})$	785664
12	$\mathcal{O}(1; \{6^{10}, 4^4, 3^4, 2^2\})$	6292224
12	$\mathcal{O}(1; \{6^{10}, 4^6, 3, 2^3\})$	3142656
12	$\mathcal{O}(1; \{6^{10}, 4^8, 3\})$	12570624
12	$\mathcal{O}(1; \{6^{11}, 3^2, 2^9\})$	294840
12	$\mathcal{O}(1; \{6^{11}, 3^5, 2^5\})$	2359368
12	$\mathcal{O}(1; \{6^{11}, 3^8, 2\})$	18874296
12	$\mathcal{O}(1; \{6^{11}, 4^2, 3^2, 2^6\})$	786240
12	$\mathcal{O}(1; \{6^{11}, 4^2, 3^5, 2^2\})$	6291648
12	$\mathcal{O}(1; \{6^{11}, 4^4, 3^2, 2^3\})$	3144960
12	$\mathcal{O}(1; \{6^{11}, 4^6, 3^2\})$	12579840

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^{12}, 2^{10}\})$	147528
12	$\mathcal{O}(1; \{6^{12}, 3^3, 2^6\})$	1179576
12	$\mathcal{O}(1; \{6^{12}, 3^6, 2^2\})$	9437256
12	$\mathcal{O}(1; \{6^{12}, 4^2, 2^7\})$	393408
12	$\mathcal{O}(1; \{6^{12}, 4^2, 3^3, 2^3\})$	3145536
12	$\mathcal{O}(1; \{6^{12}, 4^4, 2^4\})$	1573632
12	$\mathcal{O}(1; \{6^{12}, 4^4, 3^3\})$	12582144
12	$\mathcal{O}(1; \{6^{12}, 4^6, 2\})$	6294528
12	$\mathcal{O}(1; \{6^{13}, 3, 2^7\})$	589896
12	$\mathcal{O}(1; \{6^{13}, 3^4, 2^3\})$	4718520
12	$\mathcal{O}(1; \{6^{13}, 4^2, 3, 2^4\})$	1573056
12	$\mathcal{O}(1; \{6^{13}, 4^2, 3^4\})$	12582720
12	$\mathcal{O}(1; \{6^{13}, 4^4, 3, 2\})$	6292224
12	$\mathcal{O}(1; \{6^{14}, 3^2, 2^4\})$	2359368
12	$\mathcal{O}(1; \{6^{14}, 3^5\})$	18874296
12	$\mathcal{O}(1; \{6^{14}, 4^2, 3^2, 2\})$	6291648
12	$\mathcal{O}(1; \{6^{15}, 2^5\})$	1179576
12	$\mathcal{O}(1; \{6^{15}, 3^3, 2\})$	9437256
12	$\mathcal{O}(1; \{6^{15}, 4^2, 2^2\})$	3145536
12	$\mathcal{O}(1; \{6^{16}, 3, 2^2\})$	4718520
12	$\mathcal{O}(1; \{6^{18}\})$	9437256
12	$\mathcal{O}(1; \{12, 4, 3^2, 2^{24}\})$	576
12	$\mathcal{O}(1; \{12, 4, 3^5, 2^{20}\})$	6336
12	$\mathcal{O}(1; \{12, 4, 3^8, 2^{16}\})$	48960
12	$\mathcal{O}(1; \{12, 4, 3^{11}, 2^{12}\})$	393408
12	$\mathcal{O}(1; \{12, 4, 3^{14}, 2^8\})$	3145536
12	$\mathcal{O}(1; \{12, 4, 3^{17}, 2^4\})$	25166016
12	$\mathcal{O}(1; \{12, 4, 3^{20}\})$	201326400
12	$\mathcal{O}(1; \{12, 4^3, 3^2, 2^{21}\})$	2304
12	$\mathcal{O}(1; \{12, 4^3, 3^5, 2^{17}\})$	25344
12	$\mathcal{O}(1; \{12, 4^3, 3^8, 2^{13}\})$	195840
12	$\mathcal{O}(1; \{12, 4^3, 3^{11}, 2^9\})$	1573632
12	$\mathcal{O}(1; \{12, 4^3, 3^{14}, 2^5\})$	12582144
12	$\mathcal{O}(1; \{12, 4^3, 3^{17}, 2\})$	100664064
12	$\mathcal{O}(1; \{12, 4^5, 3^2, 2^{18}\})$	9216
12	$\mathcal{O}(1; \{12, 4^5, 3^5, 2^{14}\})$	101376
12	$\mathcal{O}(1; \{12, 4^5, 3^8, 2^{10}\})$	783360
12	$\mathcal{O}(1; \{12, 4^5, 3^{11}, 2^6\})$	6294528
12	$\mathcal{O}(1; \{12, 4^5, 3^{14}, 2^2\})$	50328576
12	$\mathcal{O}(1; \{12, 4^7, 3^2, 2^{15}\})$	36864
12	$\mathcal{O}(1; \{12, 4^7, 3^5, 2^{11}\})$	405504
12	$\mathcal{O}(1; \{12, 4^7, 3^8, 2^7\})$	3133440
12	$\mathcal{O}(1; \{12, 4^7, 3^{11}, 2^3\})$	25178112

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 4^9, 3^2, 2^{12}\})$	147456
12	$\mathcal{O}(1; \{12, 4^9, 3^5, 2^8\})$	1622016
12	$\mathcal{O}(1; \{12, 4^9, 3^8, 2^4\})$	12533760
12	$\mathcal{O}(1; \{12, 4^9, 3^{11}\})$	100712448
12	$\mathcal{O}(1; \{12, 4^{11}, 3^2, 2^9\})$	589824
12	$\mathcal{O}(1; \{12, 4^{11}, 3^5, 2^5\})$	6488064
12	$\mathcal{O}(1; \{12, 4^{11}, 3^8, 2\})$	50135040
12	$\mathcal{O}(1; \{12, 4^{13}, 3^2, 2^6\})$	2359296
12	$\mathcal{O}(1; \{12, 4^{13}, 3^5, 2^2\})$	25952256
12	$\mathcal{O}(1; \{12, 4^{15}, 3^2, 2^3\})$	9437184
12	$\mathcal{O}(1; \{12, 4^{17}, 3^2\})$	37748736
12	$\mathcal{O}(1; \{12, 6, 4, 2^{25}\})$	576
12	$\mathcal{O}(1; \{12, 6, 4, 3^3, 2^{21}\})$	2880
12	$\mathcal{O}(1; \{12, 6, 4, 3^6, 2^{17}\})$	24768
12	$\mathcal{O}(1; \{12, 6, 4, 3^9, 2^{13}\})$	196416
12	$\mathcal{O}(1; \{12, 6, 4, 3^{12}, 2^9\})$	1573056
12	$\mathcal{O}(1; \{12, 6, 4, 3^{15}, 2^5\})$	12582720
12	$\mathcal{O}(1; \{12, 6, 4, 3^{18}, 2\})$	100663488
12	$\mathcal{O}(1; \{12, 6, 4^3, 2^{22}\})$	2304
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^3, 2^{18}\})$	11520
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^6, 2^{14}\})$	99072
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^9, 2^{10}\})$	785664
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^{12}, 2^6\})$	6292224
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^{15}, 2^2\})$	50330880
12	$\mathcal{O}(1; \{12, 6, 4^5, 2^{19}\})$	9216
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^3, 2^{15}\})$	46080
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^6, 2^{11}\})$	396288
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^9, 2^7\})$	3142656
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^{12}, 2^3\})$	25168896
12	$\mathcal{O}(1; \{12, 6, 4^7, 2^{16}\})$	36864
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^3, 2^{12}\})$	184320
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^6, 2^8\})$	1585152
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^9, 2^4\})$	12570624
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^{12}\})$	100675584
12	$\mathcal{O}(1; \{12, 6, 4^9, 2^{13}\})$	147456
12	$\mathcal{O}(1; \{12, 6, 4^9, 3^3, 2^9\})$	737280
12	$\mathcal{O}(1; \{12, 6, 4^9, 3^6, 2^5\})$	6340608
12	$\mathcal{O}(1; \{12, 6, 4^9, 3^9, 2\})$	50282496
12	$\mathcal{O}(1; \{12, 6, 4^{11}, 2^{10}\})$	589824
12	$\mathcal{O}(1; \{12, 6, 4^{11}, 3^3, 2^6\})$	2949120
12	$\mathcal{O}(1; \{12, 6, 4^{11}, 3^6, 2^2\})$	25362432
12	$\mathcal{O}(1; \{12, 6, 4^{13}, 2^7\})$	2359296
12	$\mathcal{O}(1; \{12, 6, 4^{13}, 3^3, 2^3\})$	11796480

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6, 4^{15}, 2^4\})$	9437184
12	$\mathcal{O}(1; \{12, 6, 4^{15}, 3^3\})$	47185920
12	$\mathcal{O}(1; \{12, 6, 4^{17}, 2\})$	37748736
12	$\mathcal{O}(1; \{12, 6^2, 4, 3, 2^{22}\})$	1728
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^4, 2^{18}\})$	12096
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^7, 2^{14}\})$	98496
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^{10}, 2^{10}\})$	786240
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^{13}, 2^6\})$	6291648
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^{16}, 2^2\})$	50331456
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3, 2^{19}\})$	6912
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^4, 2^{15}\})$	48384
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^7, 2^{11}\})$	393984
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^{10}, 2^7\})$	3144960
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^{13}, 2^3\})$	25166592
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3, 2^{16}\})$	27648
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^4, 2^{12}\})$	193536
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^7, 2^8\})$	1575936
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^{10}, 2^4\})$	12579840
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^{13}\})$	100666368
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3, 2^{13}\})$	110592
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^4, 2^9\})$	774144
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^7, 2^5\})$	6303744
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^{10}, 2\})$	50319360
12	$\mathcal{O}(1; \{12, 6^2, 4^9, 3, 2^{10}\})$	442368
12	$\mathcal{O}(1; \{12, 6^2, 4^9, 3^4, 2^6\})$	3096576
12	$\mathcal{O}(1; \{12, 6^2, 4^9, 3^7, 2^2\})$	25214976
12	$\mathcal{O}(1; \{12, 6^2, 4^{11}, 3, 2^7\})$	1769472
12	$\mathcal{O}(1; \{12, 6^2, 4^{11}, 3^4, 2^3\})$	12386304
12	$\mathcal{O}(1; \{12, 6^2, 4^{13}, 3, 2^4\})$	7077888
12	$\mathcal{O}(1; \{12, 6^2, 4^{13}, 3^4\})$	49545216
12	$\mathcal{O}(1; \{12, 6^2, 4^{15}, 3, 2\})$	28311552
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^2, 2^{19}\})$	6336
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^5, 2^{15}\})$	48960
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^8, 2^{11}\})$	393408
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^{11}, 2^7\})$	3145536
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^{14}, 2^3\})$	25166016
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^2, 2^{16}\})$	25344
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^5, 2^{12}\})$	195840
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^8, 2^8\})$	1573632
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^{11}, 2^4\})$	12582144
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^{14}\})$	100664064
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^2, 2^{13}\})$	101376
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^5, 2^9\})$	783360

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^8, 2^5\})$	6294528
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^{11}, 2\})$	50328576
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 3^2, 2^{10}\})$	405504
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 3^5, 2^6\})$	3133440
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 3^8, 2^2\})$	25178112
12	$\mathcal{O}(1; \{12, 6^3, 4^9, 3^2, 2^7\})$	1622016
12	$\mathcal{O}(1; \{12, 6^3, 4^9, 3^5, 2^3\})$	12533760
12	$\mathcal{O}(1; \{12, 6^3, 4^{11}, 3^2, 2^4\})$	6488064
12	$\mathcal{O}(1; \{12, 6^3, 4^{11}, 3^5\})$	50135040
12	$\mathcal{O}(1; \{12, 6^3, 4^{13}, 3^2, 2\})$	25952256
12	$\mathcal{O}(1; \{12, 6^4, 4, 2^{20}\})$	2880
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^3, 2^{16}\})$	24768
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^6, 2^{12}\})$	196416
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^9, 2^8\})$	1573056
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^{12}, 2^4\})$	12582720
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^{15}\})$	100663488
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 2^{17}\})$	11520
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^3, 2^{13}\})$	99072
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^6, 2^9\})$	785664
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^9, 2^5\})$	6292224
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^{12}, 2\})$	50330880
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 2^{14}\})$	46080
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3^3, 2^{10}\})$	396288
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3^6, 2^6\})$	3142656
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3^9, 2^2\})$	25168896
12	$\mathcal{O}(1; \{12, 6^4, 4^7, 2^{11}\})$	184320
12	$\mathcal{O}(1; \{12, 6^4, 4^7, 3^3, 2^7\})$	1585152
12	$\mathcal{O}(1; \{12, 6^4, 4^7, 3^6, 2^3\})$	12570624
12	$\mathcal{O}(1; \{12, 6^4, 4^9, 2^8\})$	737280
12	$\mathcal{O}(1; \{12, 6^4, 4^9, 3^3, 2^4\})$	6340608
12	$\mathcal{O}(1; \{12, 6^4, 4^9, 3^6\})$	50282496
12	$\mathcal{O}(1; \{12, 6^4, 4^{11}, 2^5\})$	2949120
12	$\mathcal{O}(1; \{12, 6^4, 4^{11}, 3^3, 2\})$	25362432
12	$\mathcal{O}(1; \{12, 6^4, 4^{13}, 2^2\})$	11796480
12	$\mathcal{O}(1; \{12, 6^5, 4, 3, 2^{17}\})$	12096
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^4, 2^{13}\})$	98496
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^7, 2^9\})$	786240
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^{10}, 2^5\})$	6291648
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^{13}, 2\})$	50331456
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3, 2^{14}\})$	48384
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^4, 2^{10}\})$	393984
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^7, 2^6\})$	3144960
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^{10}, 2^2\})$	25166592

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 3, 2^{11}\})$	193536
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 3^4, 2^7\})$	1575936
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 3^7, 2^3\})$	12579840
12	$\mathcal{O}(1; \{12, 6^5, 4^7, 3, 2^8\})$	774144
12	$\mathcal{O}(1; \{12, 6^5, 4^7, 3^4, 2^4\})$	6303744
12	$\mathcal{O}(1; \{12, 6^5, 4^7, 3^7\})$	50319360
12	$\mathcal{O}(1; \{12, 6^5, 4^9, 3, 2^5\})$	3096576
12	$\mathcal{O}(1; \{12, 6^5, 4^9, 3^4, 2\})$	25214976
12	$\mathcal{O}(1; \{12, 6^5, 4^{11}, 3, 2^2\})$	12386304
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^2, 2^{14}\})$	48960
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^5, 2^{10}\})$	393408
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^8, 2^6\})$	3145536
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^{11}, 2^2\})$	25166016
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3^2, 2^{11}\})$	195840
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3^5, 2^7\})$	1573632
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3^8, 2^3\})$	12582144
12	$\mathcal{O}(1; \{12, 6^6, 4^5, 3^2, 2^8\})$	783360
12	$\mathcal{O}(1; \{12, 6^6, 4^5, 3^5, 2^4\})$	6294528
12	$\mathcal{O}(1; \{12, 6^6, 4^5, 3^8\})$	50328576
12	$\mathcal{O}(1; \{12, 6^6, 4^7, 3^2, 2^5\})$	3133440
12	$\mathcal{O}(1; \{12, 6^6, 4^7, 3^5, 2\})$	25178112
12	$\mathcal{O}(1; \{12, 6^6, 4^9, 3^2, 2^2\})$	12533760
12	$\mathcal{O}(1; \{12, 6^7, 4, 2^{15}\})$	24768
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^3, 2^{11}\})$	196416
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^6, 2^7\})$	1573056
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^9, 2^3\})$	12582720
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 2^{12}\})$	99072
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 3^3, 2^8\})$	785664
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 3^6, 2^4\})$	6292224
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 3^9\})$	50330880
12	$\mathcal{O}(1; \{12, 6^7, 4^5, 2^9\})$	396288
12	$\mathcal{O}(1; \{12, 6^7, 4^5, 3^3, 2^5\})$	3142656
12	$\mathcal{O}(1; \{12, 6^7, 4^5, 3^6, 2\})$	25168896
12	$\mathcal{O}(1; \{12, 6^7, 4^7, 2^6\})$	1585152
12	$\mathcal{O}(1; \{12, 6^7, 4^7, 3^3, 2^2\})$	12570624
12	$\mathcal{O}(1; \{12, 6^7, 4^9, 2^3\})$	6340608
12	$\mathcal{O}(1; \{12, 6^7, 4^{11}\})$	25362432
12	$\mathcal{O}(1; \{12, 6^8, 4, 3, 2^{12}\})$	98496
12	$\mathcal{O}(1; \{12, 6^8, 4, 3^4, 2^8\})$	786240
12	$\mathcal{O}(1; \{12, 6^8, 4, 3^7, 2^4\})$	6291648
12	$\mathcal{O}(1; \{12, 6^8, 4, 3^{10}\})$	50331456
12	$\mathcal{O}(1; \{12, 6^8, 4^3, 3, 2^9\})$	393984
12	$\mathcal{O}(1; \{12, 6^8, 4^3, 3^4, 2^5\})$	3144960

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^8, 4^3, 3^7, 2\})$	25166592
12	$\mathcal{O}(1; \{12, 6^8, 4^5, 3, 2^6\})$	1575936
12	$\mathcal{O}(1; \{12, 6^8, 4^5, 3^4, 2^2\})$	12579840
12	$\mathcal{O}(1; \{12, 6^8, 4^7, 3, 2^3\})$	6303744
12	$\mathcal{O}(1; \{12, 6^8, 4^9, 3\})$	25214976
12	$\mathcal{O}(1; \{12, 6^9, 4, 3^2, 2^9\})$	393408
12	$\mathcal{O}(1; \{12, 6^9, 4, 3^5, 2^5\})$	3145536
12	$\mathcal{O}(1; \{12, 6^9, 4, 3^8, 2\})$	25166016
12	$\mathcal{O}(1; \{12, 6^9, 4^3, 3^2, 2^6\})$	1573632
12	$\mathcal{O}(1; \{12, 6^9, 4^3, 3^5, 2^2\})$	12582144
12	$\mathcal{O}(1; \{12, 6^9, 4^5, 3^2, 2^3\})$	6294528
12	$\mathcal{O}(1; \{12, 6^9, 4^7, 3^2\})$	25178112
12	$\mathcal{O}(1; \{12, 6^{10}, 4, 2^{10}\})$	196416
12	$\mathcal{O}(1; \{12, 6^{10}, 4, 3^3, 2^6\})$	1573056
12	$\mathcal{O}(1; \{12, 6^{10}, 4, 3^6, 2^2\})$	12582720
12	$\mathcal{O}(1; \{12, 6^{10}, 4^3, 2^7\})$	785664
12	$\mathcal{O}(1; \{12, 6^{10}, 4^3, 3^3, 2^3\})$	6292224
12	$\mathcal{O}(1; \{12, 6^{10}, 4^5, 2^4\})$	3142656
12	$\mathcal{O}(1; \{12, 6^{10}, 4^5, 3^3\})$	25168896
12	$\mathcal{O}(1; \{12, 6^{10}, 4^7, 2\})$	12570624
12	$\mathcal{O}(1; \{12, 6^{11}, 4, 3, 2^7\})$	786240
12	$\mathcal{O}(1; \{12, 6^{11}, 4, 3^4, 2^3\})$	6291648
12	$\mathcal{O}(1; \{12, 6^{11}, 4^3, 3, 2^4\})$	3144960
12	$\mathcal{O}(1; \{12, 6^{11}, 4^3, 3^4\})$	25166592
12	$\mathcal{O}(1; \{12, 6^{11}, 4^5, 3, 2\})$	12579840
12	$\mathcal{O}(1; \{12, 6^{12}, 4, 3^2, 2^4\})$	3145536
12	$\mathcal{O}(1; \{12, 6^{12}, 4, 3^5\})$	25166016
12	$\mathcal{O}(1; \{12, 6^{12}, 4^3, 3^2, 2\})$	12582144
12	$\mathcal{O}(1; \{12, 6^{13}, 4, 2^5\})$	1573056
12	$\mathcal{O}(1; \{12, 6^{13}, 4, 3^3, 2\})$	12582720
12	$\mathcal{O}(1; \{12, 6^{13}, 4^3, 2^2\})$	6292224
12	$\mathcal{O}(1; \{12, 6^{14}, 4, 3, 2^2\})$	6291648
12	$\mathcal{O}(1; \{12, 6^{16}, 4\})$	12582720
12	$\mathcal{O}(1; \{12^2, 3, 2^{25}\})$	576
12	$\mathcal{O}(1; \{12^2, 3^4, 2^{21}\})$	6336
12	$\mathcal{O}(1; \{12^2, 3^7, 2^{17}\})$	48960
12	$\mathcal{O}(1; \{12^2, 3^{10}, 2^{13}\})$	393408
12	$\mathcal{O}(1; \{12^2, 3^{13}, 2^9\})$	3145536
12	$\mathcal{O}(1; \{12^2, 3^{16}, 2^5\})$	25166016
12	$\mathcal{O}(1; \{12^2, 3^{19}, 2\})$	201326400
12	$\mathcal{O}(1; \{12^2, 4^2, 3, 2^{22}\})$	2304
12	$\mathcal{O}(1; \{12^2, 4^2, 3^4, 2^{18}\})$	25344
12	$\mathcal{O}(1; \{12^2, 4^2, 3^7, 2^{14}\})$	195840

Continued on next page

Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 4^2, 3^{10}, 2^{10}\})$	1573632
12	$\mathcal{O}(1; \{12^2, 4^2, 3^{13}, 2^6\})$	12582144
12	$\mathcal{O}(1; \{12^2, 4^2, 3^{16}, 2^2\})$	100664064
12	$\mathcal{O}(1; \{12^2, 4^4, 3, 2^{19}\})$	9216
12	$\mathcal{O}(1; \{12^2, 4^4, 3^4, 2^{15}\})$	101376
12	$\mathcal{O}(1; \{12^2, 4^4, 3^7, 2^{11}\})$	783360
12	$\mathcal{O}(1; \{12^2, 4^4, 3^{10}, 2^7\})$	6294528
12	$\mathcal{O}(1; \{12^2, 4^4, 3^{13}, 2^3\})$	50328576
12	$\mathcal{O}(1; \{12^2, 4^6, 3, 2^{16}\})$	36864
12	$\mathcal{O}(1; \{12^2, 4^6, 3^4, 2^{12}\})$	405504
12	$\mathcal{O}(1; \{12^2, 4^6, 3^7, 2^8\})$	3133440
12	$\mathcal{O}(1; \{12^2, 4^6, 3^{10}, 2^4\})$	25178112
12	$\mathcal{O}(1; \{12^2, 4^6, 3^{13}\})$	201314304
12	$\mathcal{O}(1; \{12^2, 4^8, 3, 2^{13}\})$	147456
12	$\mathcal{O}(1; \{12^2, 4^8, 3^4, 2^9\})$	1622016
12	$\mathcal{O}(1; \{12^2, 4^8, 3^7, 2^5\})$	12533760
12	$\mathcal{O}(1; \{12^2, 4^8, 3^{10}, 2\})$	100712448
12	$\mathcal{O}(1; \{12^2, 4^{10}, 3, 2^{10}\})$	589824
12	$\mathcal{O}(1; \{12^2, 4^{10}, 3^4, 2^6\})$	6488064
12	$\mathcal{O}(1; \{12^2, 4^{10}, 3^7, 2^2\})$	50135040
12	$\mathcal{O}(1; \{12^2, 4^{12}, 3, 2^7\})$	2359296
12	$\mathcal{O}(1; \{12^2, 4^{12}, 3^4, 2^3\})$	25952256
12	$\mathcal{O}(1; \{12^2, 4^{14}, 3, 2^4\})$	9437184
12	$\mathcal{O}(1; \{12^2, 4^{14}, 3^4\})$	103809024
12	$\mathcal{O}(1; \{12^2, 4^{16}, 3, 2\})$	37748736
12	$\mathcal{O}(1; \{12^2, 6, 3^2, 2^{22}\})$	2880
12	$\mathcal{O}(1; \{12^2, 6, 3^5, 2^{18}\})$	24768
12	$\mathcal{O}(1; \{12^2, 6, 3^8, 2^{14}\})$	196416
12	$\mathcal{O}(1; \{12^2, 6, 3^{11}, 2^{10}\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6, 3^{14}, 2^6\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6, 3^{17}, 2^2\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^2, 2^{19}\})$	11520
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^5, 2^{15}\})$	99072
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^8, 2^{11}\})$	785664
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^{11}, 2^7\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^{14}, 2^3\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^2, 2^{16}\})$	46080
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^5, 2^{12}\})$	396288
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^8, 2^8\})$	3142656
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^{11}, 2^4\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^{14}\})$	201323520
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^2, 2^{13}\})$	184320
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^5, 2^9\})$	1585152

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^8, 2^5\})$	12570624
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^{11}, 2\})$	100675584
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 3^2, 2^{10}\})$	737280
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 3^5, 2^6\})$	6340608
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 3^8, 2^2\})$	50282496
12	$\mathcal{O}(1; \{12^2, 6, 4^{10}, 3^2, 2^7\})$	2949120
12	$\mathcal{O}(1; \{12^2, 6, 4^{10}, 3^5, 2^3\})$	25362432
12	$\mathcal{O}(1; \{12^2, 6, 4^{12}, 3^2, 2^4\})$	11796480
12	$\mathcal{O}(1; \{12^2, 6, 4^{12}, 3^5\})$	101449728
12	$\mathcal{O}(1; \{12^2, 6, 4^{14}, 3^2, 2\})$	47185920
12	$\mathcal{O}(1; \{12^2, 6^2, 2^{23}\})$	1728
12	$\mathcal{O}(1; \{12^2, 6^2, 3^3, 2^{19}\})$	12096
12	$\mathcal{O}(1; \{12^2, 6^2, 3^6, 2^{15}\})$	98496
12	$\mathcal{O}(1; \{12^2, 6^2, 3^9, 2^{11}\})$	786240
12	$\mathcal{O}(1; \{12^2, 6^2, 3^{12}, 2^7\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^2, 3^{15}, 2^3\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 2^{20}\})$	6912
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^3, 2^{16}\})$	48384
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^6, 2^{12}\})$	393984
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^9, 2^8\})$	3144960
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^{12}, 2^4\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^{15}\})$	201325824
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 2^{17}\})$	27648
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^3, 2^{13}\})$	193536
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^6, 2^9\})$	1575936
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^9, 2^5\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^{12}, 2\})$	100666368
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 2^{14}\})$	110592
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3^3, 2^{10}\})$	774144
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3^6, 2^6\})$	6303744
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3^9, 2^2\})$	50319360
12	$\mathcal{O}(1; \{12^2, 6^2, 4^8, 2^{11}\})$	442368
12	$\mathcal{O}(1; \{12^2, 6^2, 4^8, 3^3, 2^7\})$	3096576
12	$\mathcal{O}(1; \{12^2, 6^2, 4^8, 3^6, 2^3\})$	25214976
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{10}, 2^8\})$	1769472
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{10}, 3^3, 2^4\})$	12386304
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{10}, 3^6\})$	100859904
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{12}, 2^5\})$	7077888
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{12}, 3^3, 2\})$	49545216
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{14}, 2^2\})$	28311552
12	$\mathcal{O}(1; \{12^2, 6^3, 3, 2^{20}\})$	6336
12	$\mathcal{O}(1; \{12^2, 6^3, 3^4, 2^{16}\})$	48960
12	$\mathcal{O}(1; \{12^2, 6^3, 3^7, 2^{12}\})$	393408

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^3, 3^{10}, 2^8\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^3, 3^{13}, 2^4\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^3, 3^{16}\})$	201326400
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3, 2^{17}\})$	25344
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^4, 2^{13}\})$	195840
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^7, 2^9\})$	1573632
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^{10}, 2^5\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^{13}, 2\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3, 2^{14}\})$	101376
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^4, 2^{10}\})$	783360
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^7, 2^6\})$	6294528
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^{10}, 2^2\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 3, 2^{11}\})$	405504
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 3^4, 2^7\})$	3133440
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 3^7, 2^3\})$	25178112
12	$\mathcal{O}(1; \{12^2, 6^3, 4^8, 3, 2^8\})$	1622016
12	$\mathcal{O}(1; \{12^2, 6^3, 4^8, 3^4, 2^4\})$	12533760
12	$\mathcal{O}(1; \{12^2, 6^3, 4^8, 3^7\})$	100712448
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{10}, 3, 2^5\})$	6488064
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{10}, 3^4, 2\})$	50135040
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{12}, 3, 2^2\})$	25952256
12	$\mathcal{O}(1; \{12^2, 6^4, 3^2, 2^{17}\})$	24768
12	$\mathcal{O}(1; \{12^2, 6^4, 3^5, 2^{13}\})$	196416
12	$\mathcal{O}(1; \{12^2, 6^4, 3^8, 2^9\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^4, 3^{11}, 2^5\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^4, 3^{14}, 2\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^2, 2^{14}\})$	99072
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^5, 2^{10}\})$	785664
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^8, 2^6\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^{11}, 2^2\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3^2, 2^{11}\})$	396288
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3^5, 2^7\})$	3142656
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3^8, 2^3\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6^4, 4^6, 3^2, 2^8\})$	1585152
12	$\mathcal{O}(1; \{12^2, 6^4, 4^6, 3^5, 2^4\})$	12570624
12	$\mathcal{O}(1; \{12^2, 6^4, 4^6, 3^8\})$	100675584
12	$\mathcal{O}(1; \{12^2, 6^4, 4^8, 3^2, 2^5\})$	6340608
12	$\mathcal{O}(1; \{12^2, 6^4, 4^8, 3^5, 2\})$	50282496
12	$\mathcal{O}(1; \{12^2, 6^4, 4^{10}, 3^2, 2^2\})$	25362432
12	$\mathcal{O}(1; \{12^2, 6^5, 2^{18}\})$	12096
12	$\mathcal{O}(1; \{12^2, 6^5, 3^3, 2^{14}\})$	98496
12	$\mathcal{O}(1; \{12^2, 6^5, 3^6, 2^{10}\})$	786240
12	$\mathcal{O}(1; \{12^2, 6^5, 3^9, 2^6\})$	6291648

Continued on next page

Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^5, 3^{12}, 2^2\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 2^{15}\})$	48384
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^3, 2^{11}\})$	393984
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^6, 2^7\})$	3144960
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^9, 2^3\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 2^{12}\})$	193536
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 3^3, 2^8\})$	1575936
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 3^6, 2^4\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 3^9\})$	100666368
12	$\mathcal{O}(1; \{12^2, 6^5, 4^6, 2^9\})$	774144
12	$\mathcal{O}(1; \{12^2, 6^5, 4^6, 3^3, 2^5\})$	6303744
12	$\mathcal{O}(1; \{12^2, 6^5, 4^6, 3^6, 2\})$	50319360
12	$\mathcal{O}(1; \{12^2, 6^5, 4^8, 2^6\})$	3096576
12	$\mathcal{O}(1; \{12^2, 6^5, 4^8, 3^3, 2^2\})$	25214976
12	$\mathcal{O}(1; \{12^2, 6^5, 4^{10}, 2^3\})$	12386304
12	$\mathcal{O}(1; \{12^2, 6^5, 4^{12}\})$	49545216
12	$\mathcal{O}(1; \{12^2, 6^6, 3, 2^{15}\})$	48960
12	$\mathcal{O}(1; \{12^2, 6^6, 3^4, 2^{11}\})$	393408
12	$\mathcal{O}(1; \{12^2, 6^6, 3^7, 2^7\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^6, 3^{10}, 2^3\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3, 2^{12}\})$	195840
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3^4, 2^8\})$	1573632
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3^7, 2^4\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3^{10}\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6^6, 4^4, 3, 2^9\})$	783360
12	$\mathcal{O}(1; \{12^2, 6^6, 4^4, 3^4, 2^5\})$	6294528
12	$\mathcal{O}(1; \{12^2, 6^6, 4^4, 3^7, 2\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^6, 4^6, 3, 2^6\})$	3133440
12	$\mathcal{O}(1; \{12^2, 6^6, 4^6, 3^4, 2^2\})$	25178112
12	$\mathcal{O}(1; \{12^2, 6^6, 4^8, 3, 2^3\})$	12533760
12	$\mathcal{O}(1; \{12^2, 6^6, 4^{10}, 3\})$	50135040
12	$\mathcal{O}(1; \{12^2, 6^7, 3^2, 2^{12}\})$	196416
12	$\mathcal{O}(1; \{12^2, 6^7, 3^5, 2^8\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^7, 3^8, 2^4\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^7, 3^{11}\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 3^2, 2^9\})$	785664
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 3^5, 2^5\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 3^8, 2\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^7, 4^4, 3^2, 2^6\})$	3142656
12	$\mathcal{O}(1; \{12^2, 6^7, 4^4, 3^5, 2^2\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6^7, 4^6, 3^2, 2^3\})$	12570624
12	$\mathcal{O}(1; \{12^2, 6^7, 4^8, 3^2\})$	50282496
12	$\mathcal{O}(1; \{12^2, 6^8, 2^{13}\})$	98496

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^8, 3^3, 2^9\})$	786240
12	$\mathcal{O}(1; \{12^2, 6^8, 3^6, 2^5\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^8, 3^9, 2\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^8, 4^2, 2^{10}\})$	393984
12	$\mathcal{O}(1; \{12^2, 6^8, 4^2, 3^3, 2^6\})$	3144960
12	$\mathcal{O}(1; \{12^2, 6^8, 4^2, 3^6, 2^2\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^8, 4^4, 2^7\})$	1575936
12	$\mathcal{O}(1; \{12^2, 6^8, 4^4, 3^3, 2^3\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6^8, 4^6, 2^4\})$	6303744
12	$\mathcal{O}(1; \{12^2, 6^8, 4^6, 3^3\})$	50319360
12	$\mathcal{O}(1; \{12^2, 6^8, 4^8, 2\})$	25214976
12	$\mathcal{O}(1; \{12^2, 6^9, 3, 2^{10}\})$	393408
12	$\mathcal{O}(1; \{12^2, 6^9, 3^4, 2^6\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^9, 3^7, 2^2\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^9, 4^2, 3, 2^7\})$	1573632
12	$\mathcal{O}(1; \{12^2, 6^9, 4^2, 3^4, 2^3\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^9, 4^4, 3, 2^4\})$	6294528
12	$\mathcal{O}(1; \{12^2, 6^9, 4^4, 3^4\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^9, 4^6, 3, 2\})$	25178112
12	$\mathcal{O}(1; \{12^2, 6^{10}, 3^2, 2^7\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^{10}, 3^5, 2^3\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^2, 3^2, 2^4\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^2, 3^5\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^4, 3^2, 2\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6^{11}, 2^8\})$	786240
12	$\mathcal{O}(1; \{12^2, 6^{11}, 3^3, 2^4\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^{11}, 3^6\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^2, 2^5\})$	3144960
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^2, 3^3, 2\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^4, 2^2\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6^{12}, 3, 2^5\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^{12}, 3^4, 2\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^{12}, 4^2, 3, 2^2\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^{13}, 3^2, 2^2\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^{14}, 2^3\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^{14}, 4^2\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^{15}, 3\})$	25166016
12	$\mathcal{O}(1; \{12^3, 4, 2^{23}\})$	2304
12	$\mathcal{O}(1; \{12^3, 4, 3^3, 2^{19}\})$	25344
12	$\mathcal{O}(1; \{12^3, 4, 3^6, 2^{15}\})$	195840
12	$\mathcal{O}(1; \{12^3, 4, 3^9, 2^{11}\})$	1573632
12	$\mathcal{O}(1; \{12^3, 4, 3^{12}, 2^7\})$	12582144
12	$\mathcal{O}(1; \{12^3, 4, 3^{15}, 2^3\})$	100664064

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 4^3, 2^{20}\})$	9216
12	$\mathcal{O}(1; \{12^3, 4^3, 3^3, 2^{16}\})$	101376
12	$\mathcal{O}(1; \{12^3, 4^3, 3^6, 2^{12}\})$	783360
12	$\mathcal{O}(1; \{12^3, 4^3, 3^9, 2^8\})$	6294528
12	$\mathcal{O}(1; \{12^3, 4^3, 3^{12}, 2^4\})$	50328576
12	$\mathcal{O}(1; \{12^3, 4^3, 3^{15}\})$	402656256
12	$\mathcal{O}(1; \{12^3, 4^5, 2^{17}\})$	36864
12	$\mathcal{O}(1; \{12^3, 4^5, 3^3, 2^{13}\})$	405504
12	$\mathcal{O}(1; \{12^3, 4^5, 3^6, 2^9\})$	3133440
12	$\mathcal{O}(1; \{12^3, 4^5, 3^9, 2^5\})$	25178112
12	$\mathcal{O}(1; \{12^3, 4^5, 3^{12}, 2\})$	201314304
12	$\mathcal{O}(1; \{12^3, 4^7, 2^{14}\})$	147456
12	$\mathcal{O}(1; \{12^3, 4^7, 3^3, 2^{10}\})$	1622016
12	$\mathcal{O}(1; \{12^3, 4^7, 3^6, 2^6\})$	12533760
12	$\mathcal{O}(1; \{12^3, 4^7, 3^9, 2^2\})$	100712448
12	$\mathcal{O}(1; \{12^3, 4^9, 2^{11}\})$	589824
12	$\mathcal{O}(1; \{12^3, 4^9, 3^3, 2^7\})$	6488064
12	$\mathcal{O}(1; \{12^3, 4^9, 3^6, 2^3\})$	50135040
12	$\mathcal{O}(1; \{12^3, 4^{11}, 2^8\})$	2359296
12	$\mathcal{O}(1; \{12^3, 4^{11}, 3^3, 2^4\})$	25952256
12	$\mathcal{O}(1; \{12^3, 4^{11}, 3^6\})$	200540160
12	$\mathcal{O}(1; \{12^3, 4^{13}, 2^5\})$	9437184
12	$\mathcal{O}(1; \{12^3, 4^{13}, 3^3, 2\})$	103809024
12	$\mathcal{O}(1; \{12^3, 4^{15}, 2^2\})$	37748736
12	$\mathcal{O}(1; \{12^3, 6, 4, 3, 2^{20}\})$	11520
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^4, 2^{16}\})$	99072
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^7, 2^{12}\})$	785664
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^{10}, 2^8\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^{13}, 2^4\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^{16}\})$	402653952
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3, 2^{17}\})$	46080
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^4, 2^{13}\})$	396288
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^7, 2^9\})$	3142656
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^{10}, 2^5\})$	25168896
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^{13}, 2\})$	201323520
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3, 2^{14}\})$	184320
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^4, 2^{10}\})$	1585152
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^7, 2^6\})$	12570624
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^{10}, 2^2\})$	100675584
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 3, 2^{11}\})$	737280
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 3^4, 2^7\})$	6340608
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 3^7, 2^3\})$	50282496
12	$\mathcal{O}(1; \{12^3, 6, 4^9, 3, 2^8\})$	2949120

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 6, 4^9, 3^4, 2^4\})$	25362432
12	$\mathcal{O}(1; \{12^3, 6, 4^9, 3^7\})$	201129984
12	$\mathcal{O}(1; \{12^3, 6, 4^{11}, 3, 2^5\})$	11796480
12	$\mathcal{O}(1; \{12^3, 6, 4^{11}, 3^4, 2\})$	101449728
12	$\mathcal{O}(1; \{12^3, 6, 4^{13}, 3, 2^2\})$	47185920
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^2, 2^{17}\})$	48384
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^5, 2^{13}\})$	393984
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^8, 2^9\})$	3144960
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^{11}, 2^5\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^{14}, 2\})$	201325824
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^2, 2^{14}\})$	193536
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^5, 2^{10}\})$	1575936
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^8, 2^6\})$	12579840
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^{11}, 2^2\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3^2, 2^{11}\})$	774144
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3^5, 2^7\})$	6303744
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3^8, 2^3\})$	50319360
12	$\mathcal{O}(1; \{12^3, 6^2, 4^7, 3^2, 2^8\})$	3096576
12	$\mathcal{O}(1; \{12^3, 6^2, 4^7, 3^5, 2^4\})$	25214976
12	$\mathcal{O}(1; \{12^3, 6^2, 4^7, 3^8\})$	201277440
12	$\mathcal{O}(1; \{12^3, 6^2, 4^9, 3^2, 2^5\})$	12386304
12	$\mathcal{O}(1; \{12^3, 6^2, 4^9, 3^5, 2\})$	100859904
12	$\mathcal{O}(1; \{12^3, 6^2, 4^{11}, 3^2, 2^2\})$	49545216
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 2^{18}\})$	25344
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^3, 2^{14}\})$	195840
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^6, 2^{10}\})$	1573632
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^9, 2^6\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^{12}, 2^2\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 2^{15}\})$	101376
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^3, 2^{11}\})$	783360
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^6, 2^7\})$	6294528
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^9, 2^3\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 2^{12}\})$	405504
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 3^3, 2^8\})$	3133440
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 3^6, 2^4\})$	25178112
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 3^9\})$	201314304
12	$\mathcal{O}(1; \{12^3, 6^3, 4^7, 2^9\})$	1622016
12	$\mathcal{O}(1; \{12^3, 6^3, 4^7, 3^3, 2^5\})$	12533760
12	$\mathcal{O}(1; \{12^3, 6^3, 4^7, 3^6, 2\})$	100712448
12	$\mathcal{O}(1; \{12^3, 6^3, 4^9, 2^6\})$	6488064
12	$\mathcal{O}(1; \{12^3, 6^3, 4^9, 3^3, 2^2\})$	50135040
12	$\mathcal{O}(1; \{12^3, 6^3, 4^{11}, 2^3\})$	25952256
12	$\mathcal{O}(1; \{12^3, 6^3, 4^{13}\})$	103809024

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3, 2^{15}\})$	99072
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^4, 2^{11}\})$	785664
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^7, 2^7\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^{10}, 2^3\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3, 2^{12}\})$	396288
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3^4, 2^8\})$	3142656
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3^7, 2^4\})$	25168896
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3^{10}\})$	201323520
12	$\mathcal{O}(1; \{12^3, 6^4, 4^5, 3, 2^9\})$	1585152
12	$\mathcal{O}(1; \{12^3, 6^4, 4^5, 3^4, 2^5\})$	12570624
12	$\mathcal{O}(1; \{12^3, 6^4, 4^5, 3^7, 2\})$	100675584
12	$\mathcal{O}(1; \{12^3, 6^4, 4^7, 3, 2^6\})$	6340608
12	$\mathcal{O}(1; \{12^3, 6^4, 4^7, 3^4, 2^2\})$	50282496
12	$\mathcal{O}(1; \{12^3, 6^4, 4^9, 3, 2^3\})$	25362432
12	$\mathcal{O}(1; \{12^3, 6^4, 4^{11}, 3\})$	101449728
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^2, 2^{12}\})$	393984
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^5, 2^8\})$	3144960
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^8, 2^4\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^{11}\})$	201325824
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 3^2, 2^9\})$	1575936
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 3^5, 2^5\})$	12579840
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 3^8, 2\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^5, 4^5, 3^2, 2^6\})$	6303744
12	$\mathcal{O}(1; \{12^3, 6^5, 4^5, 3^5, 2^2\})$	50319360
12	$\mathcal{O}(1; \{12^3, 6^5, 4^7, 3^2, 2^3\})$	25214976
12	$\mathcal{O}(1; \{12^3, 6^5, 4^9, 3^2\})$	100859904
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 2^{13}\})$	195840
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3^3, 2^9\})$	1573632
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3^6, 2^5\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3^9, 2\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^6, 4^3, 2^{10}\})$	783360
12	$\mathcal{O}(1; \{12^3, 6^6, 4^3, 3^3, 2^6\})$	6294528
12	$\mathcal{O}(1; \{12^3, 6^6, 4^3, 3^6, 2^2\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6^6, 4^5, 2^7\})$	3133440
12	$\mathcal{O}(1; \{12^3, 6^6, 4^5, 3^3, 2^3\})$	25178112
12	$\mathcal{O}(1; \{12^3, 6^6, 4^7, 2^4\})$	12533760
12	$\mathcal{O}(1; \{12^3, 6^6, 4^7, 3^3\})$	100712448
12	$\mathcal{O}(1; \{12^3, 6^6, 4^9, 2\})$	50135040
12	$\mathcal{O}(1; \{12^3, 6^7, 4, 3, 2^{10}\})$	785664
12	$\mathcal{O}(1; \{12^3, 6^7, 4, 3^4, 2^6\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6^7, 4, 3^7, 2^2\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^7, 4^3, 3, 2^7\})$	3142656
12	$\mathcal{O}(1; \{12^3, 6^7, 4^3, 3^4, 2^3\})$	25168896

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 6^7, 4^5, 3, 2^4\})$	12570624
12	$\mathcal{O}(1; \{12^3, 6^7, 4^5, 3^4\})$	100675584
12	$\mathcal{O}(1; \{12^3, 6^7, 4^7, 3, 2\})$	50282496
12	$\mathcal{O}(1; \{12^3, 6^8, 4, 3^2, 2^7\})$	3144960
12	$\mathcal{O}(1; \{12^3, 6^8, 4, 3^5, 2^3\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^8, 4^3, 3^2, 2^4\})$	12579840
12	$\mathcal{O}(1; \{12^3, 6^8, 4^3, 3^5\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^8, 4^5, 3^2, 2\})$	50319360
12	$\mathcal{O}(1; \{12^3, 6^9, 4, 2^8\})$	1573632
12	$\mathcal{O}(1; \{12^3, 6^9, 4, 3^3, 2^4\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6^9, 4, 3^6\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^9, 4^3, 2^5\})$	6294528
12	$\mathcal{O}(1; \{12^3, 6^9, 4^3, 3^3, 2\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6^9, 4^5, 2^2\})$	25178112
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4, 3, 2^5\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4, 3^4, 2\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4^3, 3, 2^2\})$	25168896
12	$\mathcal{O}(1; \{12^3, 6^{11}, 4, 3^2, 2^2\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^{12}, 4, 2^3\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6^{12}, 4^3\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6^{13}, 4, 3\})$	50330880
12	$\mathcal{O}(1; \{12^4, 3^2, 2^{20}\})$	25344
12	$\mathcal{O}(1; \{12^4, 3^5, 2^{16}\})$	195840
12	$\mathcal{O}(1; \{12^4, 3^8, 2^{12}\})$	1573632
12	$\mathcal{O}(1; \{12^4, 3^{11}, 2^8\})$	12582144
12	$\mathcal{O}(1; \{12^4, 3^{14}, 2^4\})$	100664064
12	$\mathcal{O}(1; \{12^4, 3^{17}\})$	805305600
12	$\mathcal{O}(1; \{12^4, 4^2, 3^2, 2^{17}\})$	101376
12	$\mathcal{O}(1; \{12^4, 4^2, 3^5, 2^{13}\})$	783360
12	$\mathcal{O}(1; \{12^4, 4^2, 3^8, 2^9\})$	6294528
12	$\mathcal{O}(1; \{12^4, 4^2, 3^{11}, 2^5\})$	50328576
12	$\mathcal{O}(1; \{12^4, 4^2, 3^{14}, 2\})$	402656256
12	$\mathcal{O}(1; \{12^4, 4^4, 3^2, 2^{14}\})$	405504
12	$\mathcal{O}(1; \{12^4, 4^4, 3^5, 2^{10}\})$	3133440
12	$\mathcal{O}(1; \{12^4, 4^4, 3^8, 2^6\})$	25178112
12	$\mathcal{O}(1; \{12^4, 4^4, 3^{11}, 2^2\})$	201314304
12	$\mathcal{O}(1; \{12^4, 4^6, 3^2, 2^{11}\})$	1622016
12	$\mathcal{O}(1; \{12^4, 4^6, 3^5, 2^7\})$	12533760
12	$\mathcal{O}(1; \{12^4, 4^6, 3^8, 2^3\})$	100712448
12	$\mathcal{O}(1; \{12^4, 4^8, 3^2, 2^8\})$	6488064
12	$\mathcal{O}(1; \{12^4, 4^8, 3^5, 2^4\})$	50135040
12	$\mathcal{O}(1; \{12^4, 4^8, 3^8\})$	402849792
12	$\mathcal{O}(1; \{12^4, 4^{10}, 3^2, 2^5\})$	25952256

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 4^{10}, 3^5, 2\})$	200540160
12	$\mathcal{O}(1; \{12^4, 4^{12}, 3^2, 2^2\})$	103809024
12	$\mathcal{O}(1; \{12^4, 6, 2^{21}\})$	11520
12	$\mathcal{O}(1; \{12^4, 6, 3^3, 2^{17}\})$	99072
12	$\mathcal{O}(1; \{12^4, 6, 3^6, 2^{13}\})$	785664
12	$\mathcal{O}(1; \{12^4, 6, 3^9, 2^9\})$	6292224
12	$\mathcal{O}(1; \{12^4, 6, 3^{12}, 2^5\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6, 3^{15}, 2\})$	402653952
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 2^{18}\})$	46080
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^3, 2^{14}\})$	396288
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^6, 2^{10}\})$	3142656
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^9, 2^6\})$	25168896
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^{12}, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 2^{15}\})$	184320
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^3, 2^{11}\})$	1585152
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^6, 2^7\})$	12570624
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^9, 2^3\})$	100675584
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 2^{12}\})$	737280
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 3^3, 2^8\})$	6340608
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 3^6, 2^4\})$	50282496
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 3^9\})$	402702336
12	$\mathcal{O}(1; \{12^4, 6, 4^8, 2^9\})$	2949120
12	$\mathcal{O}(1; \{12^4, 6, 4^8, 3^3, 2^5\})$	25362432
12	$\mathcal{O}(1; \{12^4, 6, 4^8, 3^6, 2\})$	201129984
12	$\mathcal{O}(1; \{12^4, 6, 4^{10}, 2^6\})$	11796480
12	$\mathcal{O}(1; \{12^4, 6, 4^{10}, 3^3, 2^2\})$	101449728
12	$\mathcal{O}(1; \{12^4, 6, 4^{12}, 2^3\})$	47185920
12	$\mathcal{O}(1; \{12^4, 6, 4^{14}\})$	188743680
12	$\mathcal{O}(1; \{12^4, 6^2, 3, 2^{18}\})$	48384
12	$\mathcal{O}(1; \{12^4, 6^2, 3^4, 2^{14}\})$	393984
12	$\mathcal{O}(1; \{12^4, 6^2, 3^7, 2^{10}\})$	3144960
12	$\mathcal{O}(1; \{12^4, 6^2, 3^{10}, 2^6\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^2, 3^{13}, 2^2\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3, 2^{15}\})$	193536
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^4, 2^{11}\})$	1575936
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^7, 2^7\})$	12579840
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^{10}, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3, 2^{12}\})$	774144
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3^4, 2^8\})$	6303744
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3^7, 2^4\})$	50319360
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3^{10}\})$	402665472
12	$\mathcal{O}(1; \{12^4, 6^2, 4^6, 3, 2^9\})$	3096576
12	$\mathcal{O}(1; \{12^4, 6^2, 4^6, 3^4, 2^5\})$	25214976

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 6^2, 4^6, 3^7, 2\})$	201277440
12	$\mathcal{O}(1; \{12^4, 6^2, 4^8, 3, 2^6\})$	12386304
12	$\mathcal{O}(1; \{12^4, 6^2, 4^8, 3^4, 2^2\})$	100859904
12	$\mathcal{O}(1; \{12^4, 6^2, 4^{10}, 3, 2^3\})$	49545216
12	$\mathcal{O}(1; \{12^4, 6^2, 4^{12}, 3\})$	198180864
12	$\mathcal{O}(1; \{12^4, 6^3, 3^2, 2^{15}\})$	195840
12	$\mathcal{O}(1; \{12^4, 6^3, 3^5, 2^{11}\})$	1573632
12	$\mathcal{O}(1; \{12^4, 6^3, 3^8, 2^7\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6^3, 3^{11}, 2^3\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^2, 2^{12}\})$	783360
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^5, 2^8\})$	6294528
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^8, 2^4\})$	50328576
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^{11}\})$	402656256
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 3^2, 2^9\})$	3133440
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 3^5, 2^5\})$	25178112
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 3^8, 2\})$	201314304
12	$\mathcal{O}(1; \{12^4, 6^3, 4^6, 3^2, 2^6\})$	12533760
12	$\mathcal{O}(1; \{12^4, 6^3, 4^6, 3^5, 2^2\})$	100712448
12	$\mathcal{O}(1; \{12^4, 6^3, 4^8, 3^2, 2^3\})$	50135040
12	$\mathcal{O}(1; \{12^4, 6^3, 4^{10}, 3^2\})$	200540160
12	$\mathcal{O}(1; \{12^4, 6^4, 2^{16}\})$	99072
12	$\mathcal{O}(1; \{12^4, 6^4, 3^3, 2^{12}\})$	785664
12	$\mathcal{O}(1; \{12^4, 6^4, 3^6, 2^8\})$	6292224
12	$\mathcal{O}(1; \{12^4, 6^4, 3^9, 2^4\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^4, 3^{12}\})$	402653952
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 2^{13}\})$	396288
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3^3, 2^9\})$	3142656
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3^6, 2^5\})$	25168896
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3^9, 2\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6^4, 4^4, 2^{10}\})$	1585152
12	$\mathcal{O}(1; \{12^4, 6^4, 4^4, 3^3, 2^6\})$	12570624
12	$\mathcal{O}(1; \{12^4, 6^4, 4^4, 3^6, 2^2\})$	100675584
12	$\mathcal{O}(1; \{12^4, 6^4, 4^6, 2^7\})$	6340608
12	$\mathcal{O}(1; \{12^4, 6^4, 4^6, 3^3, 2^3\})$	50282496
12	$\mathcal{O}(1; \{12^4, 6^4, 4^8, 2^4\})$	25362432
12	$\mathcal{O}(1; \{12^4, 6^4, 4^8, 3^3\})$	201129984
12	$\mathcal{O}(1; \{12^4, 6^4, 4^{10}, 2\})$	101449728
12	$\mathcal{O}(1; \{12^4, 6^5, 3, 2^{13}\})$	393984
12	$\mathcal{O}(1; \{12^4, 6^5, 3^4, 2^9\})$	3144960
12	$\mathcal{O}(1; \{12^4, 6^5, 3^7, 2^5\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^5, 3^{10}, 2\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6^5, 4^2, 3, 2^{10}\})$	1575936
12	$\mathcal{O}(1; \{12^4, 6^5, 4^2, 3^4, 2^6\})$	12579840

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 6^5, 4^2, 3^7, 2^2\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^5, 4^4, 3, 2^7\})$	6303744
12	$\mathcal{O}(1; \{12^4, 6^5, 4^4, 3^4, 2^3\})$	50319360
12	$\mathcal{O}(1; \{12^4, 6^5, 4^6, 3, 2^4\})$	25214976
12	$\mathcal{O}(1; \{12^4, 6^5, 4^6, 3^4\})$	201277440
12	$\mathcal{O}(1; \{12^4, 6^5, 4^8, 3, 2\})$	100859904
12	$\mathcal{O}(1; \{12^4, 6^6, 3^2, 2^{10}\})$	1573632
12	$\mathcal{O}(1; \{12^4, 6^6, 3^5, 2^6\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6^6, 3^8, 2^2\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^6, 4^2, 3^2, 2^7\})$	6294528
12	$\mathcal{O}(1; \{12^4, 6^6, 4^2, 3^5, 2^3\})$	50328576
12	$\mathcal{O}(1; \{12^4, 6^6, 4^4, 3^2, 2^4\})$	25178112
12	$\mathcal{O}(1; \{12^4, 6^6, 4^4, 3^5\})$	201314304
12	$\mathcal{O}(1; \{12^4, 6^6, 4^6, 3^2, 2\})$	100712448
12	$\mathcal{O}(1; \{12^4, 6^7, 2^{11}\})$	785664
12	$\mathcal{O}(1; \{12^4, 6^7, 3^3, 2^7\})$	6292224
12	$\mathcal{O}(1; \{12^4, 6^7, 3^6, 2^3\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^7, 4^2, 2^8\})$	3142656
12	$\mathcal{O}(1; \{12^4, 6^7, 4^2, 3^3, 2^4\})$	25168896
12	$\mathcal{O}(1; \{12^4, 6^7, 4^2, 3^6\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6^7, 4^4, 2^5\})$	12570624
12	$\mathcal{O}(1; \{12^4, 6^7, 4^4, 3^3, 2\})$	100675584
12	$\mathcal{O}(1; \{12^4, 6^7, 4^6, 2^2\})$	50282496
12	$\mathcal{O}(1; \{12^4, 6^8, 3, 2^8\})$	3144960
12	$\mathcal{O}(1; \{12^4, 6^8, 3^4, 2^4\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^8, 3^7\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6^8, 4^2, 3, 2^5\})$	12579840
12	$\mathcal{O}(1; \{12^4, 6^8, 4^2, 3^4, 2\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^8, 4^4, 3, 2^2\})$	50319360
12	$\mathcal{O}(1; \{12^4, 6^9, 3^2, 2^5\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6^9, 3^5, 2\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^9, 4^2, 3^2, 2^2\})$	50328576
12	$\mathcal{O}(1; \{12^4, 6^{10}, 2^6\})$	6292224
12	$\mathcal{O}(1; \{12^4, 6^{10}, 3^3, 2^2\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^{10}, 4^2, 2^3\})$	25168896
12	$\mathcal{O}(1; \{12^4, 6^{10}, 4^4\})$	100675584
12	$\mathcal{O}(1; \{12^4, 6^{11}, 3, 2^3\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^{11}, 4^2, 3\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^{12}, 3^2\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^{13}, 2\})$	50330880
12	$\mathcal{O}(1; \{12^5, 4, 3, 2^{18}\})$	101376
12	$\mathcal{O}(1; \{12^5, 4, 3^4, 2^{14}\})$	783360
12	$\mathcal{O}(1; \{12^5, 4, 3^7, 2^{10}\})$	6294528

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^5, 4, 3^{10}, 2^6\})$	50328576
12	$\mathcal{O}(1; \{12^5, 4, 3^{13}, 2^2\})$	402656256
12	$\mathcal{O}(1; \{12^5, 4^3, 3, 2^{15}\})$	405504
12	$\mathcal{O}(1; \{12^5, 4^3, 3^4, 2^{11}\})$	3133440
12	$\mathcal{O}(1; \{12^5, 4^3, 3^7, 2^7\})$	25178112
12	$\mathcal{O}(1; \{12^5, 4^3, 3^{10}, 2^3\})$	201314304
12	$\mathcal{O}(1; \{12^5, 4^5, 3, 2^{12}\})$	1622016
12	$\mathcal{O}(1; \{12^5, 4^5, 3^4, 2^8\})$	12533760
12	$\mathcal{O}(1; \{12^5, 4^5, 3^7, 2^4\})$	100712448
12	$\mathcal{O}(1; \{12^5, 4^5, 3^{10}\})$	805257216
12	$\mathcal{O}(1; \{12^5, 4^7, 3, 2^9\})$	6488064
12	$\mathcal{O}(1; \{12^5, 4^7, 3^4, 2^5\})$	50135040
12	$\mathcal{O}(1; \{12^5, 4^7, 3^7, 2\})$	402849792
12	$\mathcal{O}(1; \{12^5, 4^9, 3, 2^6\})$	25952256
12	$\mathcal{O}(1; \{12^5, 4^9, 3^4, 2^2\})$	200540160
12	$\mathcal{O}(1; \{12^5, 4^{11}, 3, 2^3\})$	103809024
12	$\mathcal{O}(1; \{12^5, 4^{13}, 3\})$	415236096
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^2, 2^{15}\})$	396288
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^5, 2^{11}\})$	3142656
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^8, 2^7\})$	25168896
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^{11}, 2^3\})$	201323520
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^2, 2^{12}\})$	1585152
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^5, 2^8\})$	12570624
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^8, 2^4\})$	100675584
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^{11}\})$	805294080
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 3^2, 2^9\})$	6340608
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 3^5, 2^5\})$	50282496
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 3^8, 2\})$	402702336
12	$\mathcal{O}(1; \{12^5, 6, 4^7, 3^2, 2^6\})$	25362432
12	$\mathcal{O}(1; \{12^5, 6, 4^7, 3^5, 2^2\})$	201129984
12	$\mathcal{O}(1; \{12^5, 6, 4^9, 3^2, 2^3\})$	101449728
12	$\mathcal{O}(1; \{12^5, 6, 4^{11}, 3^2\})$	405798912
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 2^{16}\})$	193536
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^3, 2^{12}\})$	1575936
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^6, 2^8\})$	12579840
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^9, 2^4\})$	100666368
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^{12}\})$	805303296
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 2^{13}\})$	774144
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3^3, 2^9\})$	6303744
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3^6, 2^5\})$	50319360
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3^9, 2\})$	402665472
12	$\mathcal{O}(1; \{12^5, 6^2, 4^5, 2^{10}\})$	3096576
12	$\mathcal{O}(1; \{12^5, 6^2, 4^5, 3^3, 2^6\})$	25214976

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^5, 6^2, 4^5, 3^6, 2^2\})$	201277440
12	$\mathcal{O}(1; \{12^5, 6^2, 4^7, 2^7\})$	12386304
12	$\mathcal{O}(1; \{12^5, 6^2, 4^7, 3^3, 2^3\})$	100859904
12	$\mathcal{O}(1; \{12^5, 6^2, 4^9, 2^4\})$	49545216
12	$\mathcal{O}(1; \{12^5, 6^2, 4^9, 3^3\})$	403439616
12	$\mathcal{O}(1; \{12^5, 6^2, 4^{11}, 2\})$	198180864
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3, 2^{13}\})$	783360
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^4, 2^9\})$	6294528
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^7, 2^5\})$	50328576
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^{10}, 2\})$	402656256
12	$\mathcal{O}(1; \{12^5, 6^3, 4^3, 3, 2^{10}\})$	3133440
12	$\mathcal{O}(1; \{12^5, 6^3, 4^3, 3^4, 2^6\})$	25178112
12	$\mathcal{O}(1; \{12^5, 6^3, 4^3, 3^7, 2^2\})$	201314304
12	$\mathcal{O}(1; \{12^5, 6^3, 4^5, 3, 2^7\})$	12533760
12	$\mathcal{O}(1; \{12^5, 6^3, 4^5, 3^4, 2^3\})$	100712448
12	$\mathcal{O}(1; \{12^5, 6^3, 4^7, 3, 2^4\})$	50135040
12	$\mathcal{O}(1; \{12^5, 6^3, 4^7, 3^4\})$	402849792
12	$\mathcal{O}(1; \{12^5, 6^3, 4^9, 3, 2\})$	200540160
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 3^2, 2^{10}\})$	3142656
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 3^5, 2^6\})$	25168896
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 3^8, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12^5, 6^4, 4^3, 3^2, 2^7\})$	12570624
12	$\mathcal{O}(1; \{12^5, 6^4, 4^3, 3^5, 2^3\})$	100675584
12	$\mathcal{O}(1; \{12^5, 6^4, 4^5, 3^2, 2^4\})$	50282496
12	$\mathcal{O}(1; \{12^5, 6^4, 4^5, 3^5\})$	402702336
12	$\mathcal{O}(1; \{12^5, 6^4, 4^7, 3^2, 2\})$	201129984
12	$\mathcal{O}(1; \{12^5, 6^5, 4, 2^{11}\})$	1575936
12	$\mathcal{O}(1; \{12^5, 6^5, 4, 3^3, 2^7\})$	12579840
12	$\mathcal{O}(1; \{12^5, 6^5, 4, 3^6, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12^5, 6^5, 4^3, 2^8\})$	6303744
12	$\mathcal{O}(1; \{12^5, 6^5, 4^3, 3^3, 2^4\})$	50319360
12	$\mathcal{O}(1; \{12^5, 6^5, 4^3, 3^6\})$	402665472
12	$\mathcal{O}(1; \{12^5, 6^5, 4^5, 2^5\})$	25214976
12	$\mathcal{O}(1; \{12^5, 6^5, 4^5, 3^3, 2\})$	201277440
12	$\mathcal{O}(1; \{12^5, 6^5, 4^7, 2^2\})$	100859904
12	$\mathcal{O}(1; \{12^5, 6^6, 4, 3, 2^8\})$	6294528
12	$\mathcal{O}(1; \{12^5, 6^6, 4, 3^4, 2^4\})$	50328576
12	$\mathcal{O}(1; \{12^5, 6^6, 4, 3^7\})$	402656256
12	$\mathcal{O}(1; \{12^5, 6^6, 4^3, 3, 2^5\})$	25178112
12	$\mathcal{O}(1; \{12^5, 6^6, 4^3, 3^4, 2\})$	201314304
12	$\mathcal{O}(1; \{12^5, 6^6, 4^5, 3, 2^2\})$	100712448
12	$\mathcal{O}(1; \{12^5, 6^7, 4, 3^2, 2^5\})$	25168896
12	$\mathcal{O}(1; \{12^5, 6^7, 4, 3^5, 2\})$	201323520

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^5, 6^7, 4^3, 3^2, 2^2\})$	100675584
12	$\mathcal{O}(1; \{12^5, 6^8, 4, 2^6\})$	12579840
12	$\mathcal{O}(1; \{12^5, 6^8, 4, 3^3, 2^2\})$	100666368
12	$\mathcal{O}(1; \{12^5, 6^8, 4^3, 2^3\})$	50319360
12	$\mathcal{O}(1; \{12^5, 6^8, 4^5\})$	201277440
12	$\mathcal{O}(1; \{12^5, 6^9, 4, 3, 2^3\})$	50328576
12	$\mathcal{O}(1; \{12^5, 6^9, 4^3, 3\})$	201314304
12	$\mathcal{O}(1; \{12^5, 6^{10}, 4, 3^2\})$	201323520
12	$\mathcal{O}(1; \{12^5, 6^{11}, 4, 2\})$	100666368
12	$\mathcal{O}(1; \{12^6, 2^{19}\})$	101376
12	$\mathcal{O}(1; \{12^6, 3^3, 2^{15}\})$	783360
12	$\mathcal{O}(1; \{12^6, 3^6, 2^{11}\})$	6294528
12	$\mathcal{O}(1; \{12^6, 3^9, 2^7\})$	50328576
12	$\mathcal{O}(1; \{12^6, 3^{12}, 2^3\})$	402656256
12	$\mathcal{O}(1; \{12^6, 4^2, 2^{16}\})$	405504
12	$\mathcal{O}(1; \{12^6, 4^2, 3^3, 2^{12}\})$	3133440
12	$\mathcal{O}(1; \{12^6, 4^2, 3^6, 2^8\})$	25178112
12	$\mathcal{O}(1; \{12^6, 4^2, 3^9, 2^4\})$	201314304
12	$\mathcal{O}(1; \{12^6, 4^2, 3^{12}\})$	1610625024
12	$\mathcal{O}(1; \{12^6, 4^4, 2^{13}\})$	1622016
12	$\mathcal{O}(1; \{12^6, 4^4, 3^3, 2^9\})$	12533760
12	$\mathcal{O}(1; \{12^6, 4^4, 3^6, 2^5\})$	100712448
12	$\mathcal{O}(1; \{12^6, 4^4, 3^9, 2\})$	805257216
12	$\mathcal{O}(1; \{12^6, 4^6, 2^{10}\})$	6488064
12	$\mathcal{O}(1; \{12^6, 4^6, 3^3, 2^6\})$	50135040
12	$\mathcal{O}(1; \{12^6, 4^6, 3^6, 2^2\})$	402849792
12	$\mathcal{O}(1; \{12^6, 4^8, 2^7\})$	25952256
12	$\mathcal{O}(1; \{12^6, 4^8, 3^3, 2^3\})$	200540160
12	$\mathcal{O}(1; \{12^6, 4^{10}, 2^4\})$	103809024
12	$\mathcal{O}(1; \{12^6, 4^{10}, 3^3\})$	802160640
12	$\mathcal{O}(1; \{12^6, 4^{12}, 2\})$	415236096
12	$\mathcal{O}(1; \{12^6, 6, 3, 2^{16}\})$	396288
12	$\mathcal{O}(1; \{12^6, 6, 3^4, 2^{12}\})$	3142656
12	$\mathcal{O}(1; \{12^6, 6, 3^7, 2^8\})$	25168896
12	$\mathcal{O}(1; \{12^6, 6, 3^{10}, 2^4\})$	201323520
12	$\mathcal{O}(1; \{12^6, 6, 3^{13}\})$	1610615808
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3, 2^{13}\})$	1585152
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^4, 2^9\})$	12570624
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^7, 2^5\})$	100675584
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^{10}, 2\})$	805294080
12	$\mathcal{O}(1; \{12^6, 6, 4^4, 3, 2^{10}\})$	6340608
12	$\mathcal{O}(1; \{12^6, 6, 4^4, 3^4, 2^6\})$	50282496
12	$\mathcal{O}(1; \{12^6, 6, 4^4, 3^7, 2^2\})$	402702336

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^6, 6, 4^6, 3, 2^7\})$	25362432
12	$\mathcal{O}(1; \{12^6, 6, 4^6, 3^4, 2^3\})$	201129984
12	$\mathcal{O}(1; \{12^6, 6, 4^8, 3, 2^4\})$	101449728
12	$\mathcal{O}(1; \{12^6, 6, 4^8, 3^4\})$	804519936
12	$\mathcal{O}(1; \{12^6, 6, 4^{10}, 3, 2\})$	405798912
12	$\mathcal{O}(1; \{12^6, 6^2, 3^2, 2^{13}\})$	1575936
12	$\mathcal{O}(1; \{12^6, 6^2, 3^5, 2^9\})$	12579840
12	$\mathcal{O}(1; \{12^6, 6^2, 3^8, 2^5\})$	100666368
12	$\mathcal{O}(1; \{12^6, 6^2, 3^{11}, 2\})$	805303296
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 3^2, 2^{10}\})$	6303744
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 3^5, 2^6\})$	50319360
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 3^8, 2^2\})$	402665472
12	$\mathcal{O}(1; \{12^6, 6^2, 4^4, 3^2, 2^7\})$	25214976
12	$\mathcal{O}(1; \{12^6, 6^2, 4^4, 3^5, 2^3\})$	201277440
12	$\mathcal{O}(1; \{12^6, 6^2, 4^6, 3^2, 2^4\})$	100859904
12	$\mathcal{O}(1; \{12^6, 6^2, 4^6, 3^5\})$	805109760
12	$\mathcal{O}(1; \{12^6, 6^2, 4^8, 3^2, 2\})$	403439616
12	$\mathcal{O}(1; \{12^6, 6^3, 2^{14}\})$	783360
12	$\mathcal{O}(1; \{12^6, 6^3, 3^3, 2^{10}\})$	6294528
12	$\mathcal{O}(1; \{12^6, 6^3, 3^6, 2^6\})$	50328576
12	$\mathcal{O}(1; \{12^6, 6^3, 3^9, 2^2\})$	402656256
12	$\mathcal{O}(1; \{12^6, 6^3, 4^2, 2^{11}\})$	3133440
12	$\mathcal{O}(1; \{12^6, 6^3, 4^2, 3^3, 2^7\})$	25178112
12	$\mathcal{O}(1; \{12^6, 6^3, 4^2, 3^6, 2^3\})$	201314304
12	$\mathcal{O}(1; \{12^6, 6^3, 4^4, 2^8\})$	12533760
12	$\mathcal{O}(1; \{12^6, 6^3, 4^4, 3^3, 2^4\})$	100712448
12	$\mathcal{O}(1; \{12^6, 6^3, 4^4, 3^6\})$	805257216
12	$\mathcal{O}(1; \{12^6, 6^3, 4^6, 2^5\})$	50135040
12	$\mathcal{O}(1; \{12^6, 6^3, 4^6, 3^3, 2\})$	402849792
12	$\mathcal{O}(1; \{12^6, 6^3, 4^8, 2^2\})$	200540160
12	$\mathcal{O}(1; \{12^6, 6^4, 3, 2^{11}\})$	3142656
12	$\mathcal{O}(1; \{12^6, 6^4, 3^4, 2^7\})$	25168896
12	$\mathcal{O}(1; \{12^6, 6^4, 3^7, 2^3\})$	201323520
12	$\mathcal{O}(1; \{12^6, 6^4, 4^2, 3, 2^8\})$	12570624
12	$\mathcal{O}(1; \{12^6, 6^4, 4^2, 3^4, 2^4\})$	100675584
12	$\mathcal{O}(1; \{12^6, 6^4, 4^2, 3^7\})$	805294080
12	$\mathcal{O}(1; \{12^6, 6^4, 4^4, 3, 2^5\})$	50282496
12	$\mathcal{O}(1; \{12^6, 6^4, 4^4, 3^4, 2\})$	402702336
12	$\mathcal{O}(1; \{12^6, 6^4, 4^6, 3, 2^2\})$	201129984
12	$\mathcal{O}(1; \{12^6, 6^5, 3^2, 2^8\})$	12579840
12	$\mathcal{O}(1; \{12^6, 6^5, 3^5, 2^4\})$	100666368
12	$\mathcal{O}(1; \{12^6, 6^5, 3^8\})$	805303296
12	$\mathcal{O}(1; \{12^6, 6^5, 4^2, 3^2, 2^5\})$	50319360

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^6, 6^5, 4^2, 3^5, 2\})$	402665472
12	$\mathcal{O}(1; \{12^6, 6^5, 4^4, 3^2, 2^2\})$	201277440
12	$\mathcal{O}(1; \{12^6, 6^6, 2^9\})$	6294528
12	$\mathcal{O}(1; \{12^6, 6^6, 3^3, 2^5\})$	50328576
12	$\mathcal{O}(1; \{12^6, 6^6, 3^6, 2\})$	402656256
12	$\mathcal{O}(1; \{12^6, 6^6, 4^2, 2^6\})$	25178112
12	$\mathcal{O}(1; \{12^6, 6^6, 4^2, 3^3, 2^2\})$	201314304
12	$\mathcal{O}(1; \{12^6, 6^6, 4^4, 2^3\})$	100712448
12	$\mathcal{O}(1; \{12^6, 6^6, 4^6\})$	402849792
12	$\mathcal{O}(1; \{12^6, 6^7, 3, 2^6\})$	25168896
12	$\mathcal{O}(1; \{12^6, 6^7, 3^4, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12^6, 6^7, 4^2, 3, 2^3\})$	100675584
12	$\mathcal{O}(1; \{12^6, 6^7, 4^4, 3\})$	402702336
12	$\mathcal{O}(1; \{12^6, 6^8, 3^2, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12^6, 6^8, 4^2, 3^2\})$	402665472
12	$\mathcal{O}(1; \{12^6, 6^9, 2^4\})$	50328576
12	$\mathcal{O}(1; \{12^6, 6^9, 3^3\})$	402656256
12	$\mathcal{O}(1; \{12^6, 6^9, 4^2, 2\})$	201314304
12	$\mathcal{O}(1; \{12^6, 6^{10}, 3, 2\})$	201323520
12	$\mathcal{O}(1; \{12^7, 4, 3^2, 2^{13}\})$	3133440
12	$\mathcal{O}(1; \{12^7, 4, 3^5, 2^9\})$	25178112
12	$\mathcal{O}(1; \{12^7, 4, 3^8, 2^5\})$	201314304
12	$\mathcal{O}(1; \{12^7, 4, 3^{11}, 2\})$	1610625024
12	$\mathcal{O}(1; \{12^7, 4^3, 3^2, 2^{10}\})$	12533760
12	$\mathcal{O}(1; \{12^7, 4^3, 3^5, 2^6\})$	100712448
12	$\mathcal{O}(1; \{12^7, 4^3, 3^8, 2^2\})$	805257216
12	$\mathcal{O}(1; \{12^7, 4^5, 3^2, 2^7\})$	50135040
12	$\mathcal{O}(1; \{12^7, 4^5, 3^5, 2^3\})$	402849792
12	$\mathcal{O}(1; \{12^7, 4^7, 3^2, 2^4\})$	200540160
12	$\mathcal{O}(1; \{12^7, 4^7, 3^5\})$	1611399168
12	$\mathcal{O}(1; \{12^7, 4^9, 3^2, 2\})$	802160640
12	$\mathcal{O}(1; \{12^7, 6, 4, 2^{14}\})$	1585152
12	$\mathcal{O}(1; \{12^7, 6, 4, 3^3, 2^{10}\})$	12570624
12	$\mathcal{O}(1; \{12^7, 6, 4, 3^6, 2^6\})$	100675584
12	$\mathcal{O}(1; \{12^7, 6, 4, 3^9, 2^2\})$	805294080
12	$\mathcal{O}(1; \{12^7, 6, 4^3, 2^{11}\})$	6340608
12	$\mathcal{O}(1; \{12^7, 6, 4^3, 3^3, 2^7\})$	50282496
12	$\mathcal{O}(1; \{12^7, 6, 4^3, 3^6, 2^3\})$	402702336
12	$\mathcal{O}(1; \{12^7, 6, 4^5, 2^8\})$	25362432
12	$\mathcal{O}(1; \{12^7, 6, 4^5, 3^3, 2^4\})$	201129984
12	$\mathcal{O}(1; \{12^7, 6, 4^5, 3^6\})$	1610809344
12	$\mathcal{O}(1; \{12^7, 6, 4^7, 2^5\})$	101449728
12	$\mathcal{O}(1; \{12^7, 6, 4^7, 3^3, 2\})$	804519936

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^7, 6, 4^9, 2^2\})$	405798912
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 3, 2^{11}\})$	6303744
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 3^4, 2^7\})$	50319360
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 3^7, 2^3\})$	402665472
12	$\mathcal{O}(1; \{12^7, 6^2, 4^3, 3, 2^8\})$	25214976
12	$\mathcal{O}(1; \{12^7, 6^2, 4^3, 3^4, 2^4\})$	201277440
12	$\mathcal{O}(1; \{12^7, 6^2, 4^3, 3^7\})$	1610661888
12	$\mathcal{O}(1; \{12^7, 6^2, 4^5, 3, 2^5\})$	100859904
12	$\mathcal{O}(1; \{12^7, 6^2, 4^5, 3^4, 2\})$	805109760
12	$\mathcal{O}(1; \{12^7, 6^2, 4^7, 3, 2^2\})$	403439616
12	$\mathcal{O}(1; \{12^7, 6^3, 4, 3^2, 2^8\})$	25178112
12	$\mathcal{O}(1; \{12^7, 6^3, 4, 3^5, 2^4\})$	201314304
12	$\mathcal{O}(1; \{12^7, 6^3, 4, 3^8\})$	1610625024
12	$\mathcal{O}(1; \{12^7, 6^3, 4^3, 3^2, 2^5\})$	100712448
12	$\mathcal{O}(1; \{12^7, 6^3, 4^3, 3^5, 2\})$	805257216
12	$\mathcal{O}(1; \{12^7, 6^3, 4^5, 3^2, 2^2\})$	402849792
12	$\mathcal{O}(1; \{12^7, 6^4, 4, 2^9\})$	12570624
12	$\mathcal{O}(1; \{12^7, 6^4, 4, 3^3, 2^5\})$	100675584
12	$\mathcal{O}(1; \{12^7, 6^4, 4, 3^6, 2\})$	805294080
12	$\mathcal{O}(1; \{12^7, 6^4, 4^3, 2^6\})$	50282496
12	$\mathcal{O}(1; \{12^7, 6^4, 4^3, 3^3, 2^2\})$	402702336
12	$\mathcal{O}(1; \{12^7, 6^4, 4^5, 2^3\})$	201129984
12	$\mathcal{O}(1; \{12^7, 6^4, 4^7\})$	804519936
12	$\mathcal{O}(1; \{12^7, 6^5, 4, 3, 2^6\})$	50319360
12	$\mathcal{O}(1; \{12^7, 6^5, 4, 3^4, 2^2\})$	402665472
12	$\mathcal{O}(1; \{12^7, 6^5, 4^3, 3, 2^3\})$	201277440
12	$\mathcal{O}(1; \{12^7, 6^5, 4^5, 3\})$	805109760
12	$\mathcal{O}(1; \{12^7, 6^6, 4, 3^2, 2^3\})$	201314304
12	$\mathcal{O}(1; \{12^7, 6^6, 4^3, 3^2\})$	805257216
12	$\mathcal{O}(1; \{12^7, 6^7, 4, 2^4\})$	100675584
12	$\mathcal{O}(1; \{12^7, 6^7, 4, 3^3\})$	805294080
12	$\mathcal{O}(1; \{12^7, 6^7, 4^3, 2\})$	402702336
12	$\mathcal{O}(1; \{12^7, 6^8, 4, 3, 2\})$	402665472
12	$\mathcal{O}(1; \{12^8, 3, 2^{14}\})$	3133440
12	$\mathcal{O}(1; \{12^8, 3^4, 2^{10}\})$	25178112
12	$\mathcal{O}(1; \{12^8, 3^7, 2^6\})$	201314304
12	$\mathcal{O}(1; \{12^8, 3^{10}, 2^2\})$	1610625024
12	$\mathcal{O}(1; \{12^8, 4^2, 3, 2^{11}\})$	12533760
12	$\mathcal{O}(1; \{12^8, 4^2, 3^4, 2^7\})$	100712448
12	$\mathcal{O}(1; \{12^8, 4^2, 3^7, 2^3\})$	805257216
12	$\mathcal{O}(1; \{12^8, 4^4, 3, 2^8\})$	50135040
12	$\mathcal{O}(1; \{12^8, 4^4, 3^4, 2^4\})$	402849792
12	$\mathcal{O}(1; \{12^8, 4^4, 3^7\})$	3221028864

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^8, 4^6, 3, 2^5\})$	200540160
12	$\mathcal{O}(1; \{12^8, 4^6, 3^4, 2\})$	1611399168
12	$\mathcal{O}(1; \{12^8, 4^8, 3, 2^2\})$	802160640
12	$\mathcal{O}(1; \{12^8, 6, 3^2, 2^{11}\})$	12570624
12	$\mathcal{O}(1; \{12^8, 6, 3^5, 2^7\})$	100675584
12	$\mathcal{O}(1; \{12^8, 6, 3^8, 2^3\})$	805294080
12	$\mathcal{O}(1; \{12^8, 6, 4^2, 3^2, 2^8\})$	50282496
12	$\mathcal{O}(1; \{12^8, 6, 4^2, 3^5, 2^4\})$	402702336
12	$\mathcal{O}(1; \{12^8, 6, 4^2, 3^8\})$	3221176320
12	$\mathcal{O}(1; \{12^8, 6, 4^4, 3^2, 2^5\})$	201129984
12	$\mathcal{O}(1; \{12^8, 6, 4^4, 3^5, 2\})$	1610809344
12	$\mathcal{O}(1; \{12^8, 6, 4^6, 3^2, 2^2\})$	804519936
12	$\mathcal{O}(1; \{12^8, 6^2, 2^{12}\})$	6303744
12	$\mathcal{O}(1; \{12^8, 6^2, 3^3, 2^8\})$	50319360
12	$\mathcal{O}(1; \{12^8, 6^2, 3^6, 2^4\})$	402665472
12	$\mathcal{O}(1; \{12^8, 6^2, 3^9\})$	3221213184
12	$\mathcal{O}(1; \{12^8, 6^2, 4^2, 2^9\})$	25214976
12	$\mathcal{O}(1; \{12^8, 6^2, 4^2, 3^3, 2^5\})$	201277440
12	$\mathcal{O}(1; \{12^8, 6^2, 4^2, 3^6, 2\})$	1610661888
12	$\mathcal{O}(1; \{12^8, 6^2, 4^4, 2^6\})$	100859904
12	$\mathcal{O}(1; \{12^8, 6^2, 4^4, 3^3, 2^2\})$	805109760
12	$\mathcal{O}(1; \{12^8, 6^2, 4^6, 2^3\})$	403439616
12	$\mathcal{O}(1; \{12^8, 6^2, 4^8\})$	1613758464
12	$\mathcal{O}(1; \{12^8, 6^3, 3, 2^9\})$	25178112
12	$\mathcal{O}(1; \{12^8, 6^3, 3^4, 2^5\})$	201314304
12	$\mathcal{O}(1; \{12^8, 6^3, 3^7, 2\})$	1610625024
12	$\mathcal{O}(1; \{12^8, 6^3, 4^2, 3, 2^6\})$	100712448
12	$\mathcal{O}(1; \{12^8, 6^3, 4^2, 3^4, 2^2\})$	805257216
12	$\mathcal{O}(1; \{12^8, 6^3, 4^4, 3, 2^3\})$	402849792
12	$\mathcal{O}(1; \{12^8, 6^3, 4^6, 3\})$	1611399168
12	$\mathcal{O}(1; \{12^8, 6^4, 3^2, 2^6\})$	100675584
12	$\mathcal{O}(1; \{12^8, 6^4, 3^5, 2^2\})$	805294080
12	$\mathcal{O}(1; \{12^8, 6^4, 4^2, 3^2, 2^3\})$	402702336
12	$\mathcal{O}(1; \{12^8, 6^4, 4^4, 3^2\})$	1610809344
12	$\mathcal{O}(1; \{12^8, 6^5, 2^7\})$	50319360
12	$\mathcal{O}(1; \{12^8, 6^5, 3^3, 2^3\})$	402665472
12	$\mathcal{O}(1; \{12^8, 6^5, 4^2, 2^4\})$	201277440
12	$\mathcal{O}(1; \{12^8, 6^5, 4^2, 3^3\})$	1610661888
12	$\mathcal{O}(1; \{12^8, 6^5, 4^4, 2\})$	805109760
12	$\mathcal{O}(1; \{12^8, 6^6, 3, 2^4\})$	201314304
12	$\mathcal{O}(1; \{12^8, 6^6, 3^4\})$	1610625024
12	$\mathcal{O}(1; \{12^8, 6^6, 4^2, 3, 2\})$	805257216
12	$\mathcal{O}(1; \{12^8, 6^7, 3^2, 2\})$	805294080

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^8, 6^8, 2^2\})$	402665472
12	$\mathcal{O}(1; \{12^9, 4, 2^{12}\})$	12533760
12	$\mathcal{O}(1; \{12^9, 4, 3^3, 2^8\})$	100712448
12	$\mathcal{O}(1; \{12^9, 4, 3^6, 2^4\})$	805257216
12	$\mathcal{O}(1; \{12^9, 4, 3^9\})$	6442500096
12	$\mathcal{O}(1; \{12^9, 4^3, 2^9\})$	50135040
12	$\mathcal{O}(1; \{12^9, 4^3, 3^3, 2^5\})$	402849792
12	$\mathcal{O}(1; \{12^9, 4^3, 3^6, 2\})$	3221028864
12	$\mathcal{O}(1; \{12^9, 4^5, 2^6\})$	200540160
12	$\mathcal{O}(1; \{12^9, 4^5, 3^3, 2^2\})$	1611399168
12	$\mathcal{O}(1; \{12^9, 4^7, 2^3\})$	802160640
12	$\mathcal{O}(1; \{12^9, 4^9\})$	3208642560
12	$\mathcal{O}(1; \{12^9, 6, 4, 3, 2^9\})$	50282496
12	$\mathcal{O}(1; \{12^9, 6, 4, 3^4, 2^5\})$	402702336
12	$\mathcal{O}(1; \{12^9, 6, 4, 3^7, 2\})$	3221176320
12	$\mathcal{O}(1; \{12^9, 6, 4^3, 3, 2^6\})$	201129984
12	$\mathcal{O}(1; \{12^9, 6, 4^3, 3^4, 2^2\})$	1610809344
12	$\mathcal{O}(1; \{12^9, 6, 4^5, 3, 2^3\})$	804519936
12	$\mathcal{O}(1; \{12^9, 6, 4^7, 3\})$	3218079744
12	$\mathcal{O}(1; \{12^9, 6^2, 4, 3^2, 2^6\})$	201277440
12	$\mathcal{O}(1; \{12^9, 6^2, 4, 3^5, 2^2\})$	1610661888
12	$\mathcal{O}(1; \{12^9, 6^2, 4^3, 3^2, 2^3\})$	805109760
12	$\mathcal{O}(1; \{12^9, 6^2, 4^5, 3^2\})$	3220439040
12	$\mathcal{O}(1; \{12^9, 6^3, 4, 2^7\})$	100712448
12	$\mathcal{O}(1; \{12^9, 6^3, 4, 3^3, 2^3\})$	805257216
12	$\mathcal{O}(1; \{12^9, 6^3, 4^3, 2^4\})$	402849792
12	$\mathcal{O}(1; \{12^9, 6^3, 4^3, 3^3\})$	3221028864
12	$\mathcal{O}(1; \{12^9, 6^3, 4^5, 2\})$	1611399168
12	$\mathcal{O}(1; \{12^9, 6^4, 4, 3, 2^4\})$	402702336
12	$\mathcal{O}(1; \{12^9, 6^4, 4, 3^4\})$	3221176320
12	$\mathcal{O}(1; \{12^9, 6^4, 4^3, 3, 2\})$	1610809344
12	$\mathcal{O}(1; \{12^9, 6^5, 4, 3^2, 2\})$	1610661888
12	$\mathcal{O}(1; \{12^9, 6^6, 4, 2^2\})$	805257216
12	$\mathcal{O}(1; \{12^{10}, 3^2, 2^9\})$	100712448
12	$\mathcal{O}(1; \{12^{10}, 3^5, 2^5\})$	805257216
12	$\mathcal{O}(1; \{12^{10}, 3^8, 2\})$	6442500096
12	$\mathcal{O}(1; \{12^{10}, 4^2, 3^2, 2^6\})$	402849792
12	$\mathcal{O}(1; \{12^{10}, 4^2, 3^5, 2^2\})$	3221028864
12	$\mathcal{O}(1; \{12^{10}, 4^4, 3^2, 2^3\})$	1611399168
12	$\mathcal{O}(1; \{12^{10}, 4^6, 3^2\})$	6445596672
12	$\mathcal{O}(1; \{12^{10}, 6, 2^{10}\})$	50282496
12	$\mathcal{O}(1; \{12^{10}, 6, 3^3, 2^6\})$	402702336
12	$\mathcal{O}(1; \{12^{10}, 6, 3^6, 2^2\})$	3221176320

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^{10}, 6, 4^2, 2^7\})$	201129984
12	$\mathcal{O}(1; \{12^{10}, 6, 4^2, 3^3, 2^3\})$	1610809344
12	$\mathcal{O}(1; \{12^{10}, 6, 4^4, 2^4\})$	804519936
12	$\mathcal{O}(1; \{12^{10}, 6, 4^4, 3^3\})$	6443237376
12	$\mathcal{O}(1; \{12^{10}, 6, 4^6, 2\})$	3218079744
12	$\mathcal{O}(1; \{12^{10}, 6^2, 3, 2^7\})$	201277440
12	$\mathcal{O}(1; \{12^{10}, 6^2, 3^4, 2^3\})$	1610661888
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^2, 3, 2^4\})$	805109760
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^2, 3^4\})$	6442647552
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^4, 3, 2\})$	3220439040
12	$\mathcal{O}(1; \{12^{10}, 6^3, 3^2, 2^4\})$	805257216
12	$\mathcal{O}(1; \{12^{10}, 6^3, 3^5\})$	6442500096
12	$\mathcal{O}(1; \{12^{10}, 6^3, 4^2, 3^2, 2\})$	3221028864
12	$\mathcal{O}(1; \{12^{10}, 6^4, 2^5\})$	402702336
12	$\mathcal{O}(1; \{12^{10}, 6^4, 3^3, 2\})$	3221176320
12	$\mathcal{O}(1; \{12^{10}, 6^4, 4^2, 2^2\})$	1610809344
12	$\mathcal{O}(1; \{12^{10}, 6^5, 3, 2^2\})$	1610661888
12	$\mathcal{O}(1; \{12^{10}, 6^7\})$	3221176320
12	$\mathcal{O}(1; \{12^{11}, 4, 3, 2^7\})$	402849792
12	$\mathcal{O}(1; \{12^{11}, 4, 3^4, 2^3\})$	3221028864
12	$\mathcal{O}(1; \{12^{11}, 4^3, 3, 2^4\})$	1611399168
12	$\mathcal{O}(1; \{12^{11}, 4^3, 3^4\})$	12884115456
12	$\mathcal{O}(1; \{12^{11}, 4^5, 3, 2\})$	6445596672
12	$\mathcal{O}(1; \{12^{11}, 6, 4, 3^2, 2^4\})$	1610809344
12	$\mathcal{O}(1; \{12^{11}, 6, 4, 3^5\})$	12884705280
12	$\mathcal{O}(1; \{12^{11}, 6, 4^3, 3^2, 2\})$	6443237376
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4, 2^5\})$	805109760
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4, 3^3, 2\})$	6442647552
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4^3, 2^2\})$	3220439040
12	$\mathcal{O}(1; \{12^{11}, 6^3, 4, 3, 2^2\})$	3221028864
12	$\mathcal{O}(1; \{12^{11}, 6^5, 4\})$	6442647552
12	$\mathcal{O}(1; \{12^{12}, 2^8\})$	402849792
12	$\mathcal{O}(1; \{12^{12}, 3^3, 2^4\})$	3221028864
12	$\mathcal{O}(1; \{12^{12}, 3^6\})$	25770000384
12	$\mathcal{O}(1; \{12^{12}, 4^2, 2^5\})$	1611399168
12	$\mathcal{O}(1; \{12^{12}, 4^2, 3^3, 2\})$	12884115456
12	$\mathcal{O}(1; \{12^{12}, 4^4, 2^2\})$	6445596672
12	$\mathcal{O}(1; \{12^{12}, 6, 3, 2^5\})$	1610809344
12	$\mathcal{O}(1; \{12^{12}, 6, 3^4, 2\})$	12884705280
12	$\mathcal{O}(1; \{12^{12}, 6, 4^2, 3, 2^2\})$	6443237376
12	$\mathcal{O}(1; \{12^{12}, 6^2, 3^2, 2^2\})$	6442647552
12	$\mathcal{O}(1; \{12^{12}, 6^3, 2^3\})$	3221028864
12	$\mathcal{O}(1; \{12^{12}, 6^3, 4^2\})$	12884115456

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^{12}, 6^4, 3\})$	12884705280
12	$\mathcal{O}(1; \{12^{13}, 4, 3^2, 2^2\})$	12884115456
12	$\mathcal{O}(1; \{12^{13}, 6, 4, 2^3\})$	6443237376
12	$\mathcal{O}(1; \{12^{13}, 6, 4^3\})$	25772949504
12	$\mathcal{O}(1; \{12^{13}, 6^2, 4, 3\})$	25770590208
12	$\mathcal{O}(1; \{12^{14}, 3, 2^3\})$	12884115456
12	$\mathcal{O}(1; \{12^{14}, 4^2, 3\})$	51536461824
12	$\mathcal{O}(1; \{12^{14}, 6, 3^2\})$	51538821120
12	$\mathcal{O}(1; \{12^{14}, 6^2, 2\})$	25770590208
12	$\mathcal{O}(1; \{12^{15}, 4, 2\})$	51536461824
12	$\mathcal{O}(0; \{4^2, 3^3, 2^{27}\})$	4
12	$\mathcal{O}(0; \{4^2, 3^6, 2^{23}\})$	44
12	$\mathcal{O}(0; \{4^2, 3^9, 2^{19}\})$	340
12	$\mathcal{O}(0; \{4^2, 3^{12}, 2^{15}\})$	2732
12	$\mathcal{O}(0; \{4^2, 3^{15}, 2^{11}\})$	21844
12	$\mathcal{O}(0; \{4^2, 3^{18}, 2^7\})$	174764
12	$\mathcal{O}(0; \{4^2, 3^{21}, 2^3\})$	1398100
12	$\mathcal{O}(0; \{4^4, 3^3, 2^{24}\})$	16
12	$\mathcal{O}(0; \{4^4, 3^6, 2^{20}\})$	176
12	$\mathcal{O}(0; \{4^4, 3^9, 2^{16}\})$	1360
12	$\mathcal{O}(0; \{4^4, 3^{12}, 2^{12}\})$	10928
12	$\mathcal{O}(0; \{4^4, 3^{15}, 2^8\})$	87376
12	$\mathcal{O}(0; \{4^4, 3^{18}, 2^4\})$	699056
12	$\mathcal{O}(0; \{4^4, 3^{21}\})$	5592400
12	$\mathcal{O}(0; \{4^6, 3^3, 2^{21}\})$	64
12	$\mathcal{O}(0; \{4^6, 3^6, 2^{17}\})$	704
12	$\mathcal{O}(0; \{4^6, 3^9, 2^{13}\})$	5440
12	$\mathcal{O}(0; \{4^6, 3^{12}, 2^9\})$	43712
12	$\mathcal{O}(0; \{4^6, 3^{15}, 2^5\})$	349504
12	$\mathcal{O}(0; \{4^6, 3^{18}, 2\})$	2796224
12	$\mathcal{O}(0; \{4^8, 3^3, 2^{18}\})$	256
12	$\mathcal{O}(0; \{4^8, 3^6, 2^{14}\})$	2816
12	$\mathcal{O}(0; \{4^8, 3^9, 2^{10}\})$	21760
12	$\mathcal{O}(0; \{4^8, 3^{12}, 2^6\})$	174848
12	$\mathcal{O}(0; \{4^8, 3^{15}, 2^2\})$	1398016
12	$\mathcal{O}(0; \{4^{10}, 3^3, 2^{15}\})$	1024
12	$\mathcal{O}(0; \{4^{10}, 3^6, 2^{11}\})$	11264
12	$\mathcal{O}(0; \{4^{10}, 3^9, 2^7\})$	87040
12	$\mathcal{O}(0; \{4^{10}, 3^{12}, 2^3\})$	699392
12	$\mathcal{O}(0; \{4^{12}, 3^3, 2^{12}\})$	4096
12	$\mathcal{O}(0; \{4^{12}, 3^6, 2^8\})$	45056
12	$\mathcal{O}(0; \{4^{12}, 3^9, 2^4\})$	348160
12	$\mathcal{O}(0; \{4^{12}, 3^{12}\})$	2797568

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{4^{14}, 3^3, 2^9\})$	16384
12	$\mathcal{O}(0; \{4^{14}, 3^6, 2^5\})$	180224
12	$\mathcal{O}(0; \{4^{14}, 3^9, 2\})$	1392640
12	$\mathcal{O}(0; \{4^{16}, 3^3, 2^6\})$	65536
12	$\mathcal{O}(0; \{4^{16}, 3^6, 2^2\})$	720896
12	$\mathcal{O}(0; \{4^{18}, 3^3, 2^3\})$	262144
12	$\mathcal{O}(0; \{4^{20}, 3^3\})$	1048576
12	$\mathcal{O}(0; \{6, 4^2, 3, 2^{28}\})$	4
12	$\mathcal{O}(0; \{6, 4^2, 3^4, 2^{24}\})$	20
12	$\mathcal{O}(0; \{6, 4^2, 3^7, 2^{20}\})$	172
12	$\mathcal{O}(0; \{6, 4^2, 3^{10}, 2^{16}\})$	1364
12	$\mathcal{O}(0; \{6, 4^2, 3^{13}, 2^{12}\})$	10924
12	$\mathcal{O}(0; \{6, 4^2, 3^{16}, 2^8\})$	87380
12	$\mathcal{O}(0; \{6, 4^2, 3^{19}, 2^4\})$	699052
12	$\mathcal{O}(0; \{6, 4^2, 3^{22}\})$	5592404
12	$\mathcal{O}(0; \{6, 4^4, 3, 2^{25}\})$	16
12	$\mathcal{O}(0; \{6, 4^4, 3^4, 2^{21}\})$	80
12	$\mathcal{O}(0; \{6, 4^4, 3^7, 2^{17}\})$	688
12	$\mathcal{O}(0; \{6, 4^4, 3^{10}, 2^{13}\})$	5456
12	$\mathcal{O}(0; \{6, 4^4, 3^{13}, 2^9\})$	43696
12	$\mathcal{O}(0; \{6, 4^4, 3^{16}, 2^5\})$	349520
12	$\mathcal{O}(0; \{6, 4^4, 3^{19}, 2\})$	2796208
12	$\mathcal{O}(0; \{6, 4^6, 3, 2^{22}\})$	64
12	$\mathcal{O}(0; \{6, 4^6, 3^4, 2^{18}\})$	320
12	$\mathcal{O}(0; \{6, 4^6, 3^7, 2^{14}\})$	2752
12	$\mathcal{O}(0; \{6, 4^6, 3^{10}, 2^{10}\})$	21824
12	$\mathcal{O}(0; \{6, 4^6, 3^{13}, 2^6\})$	174784
12	$\mathcal{O}(0; \{6, 4^6, 3^{16}, 2^2\})$	1398080
12	$\mathcal{O}(0; \{6, 4^8, 3, 2^{19}\})$	256
12	$\mathcal{O}(0; \{6, 4^8, 3^4, 2^{15}\})$	1280
12	$\mathcal{O}(0; \{6, 4^8, 3^7, 2^{11}\})$	11008
12	$\mathcal{O}(0; \{6, 4^8, 3^{10}, 2^7\})$	87296
12	$\mathcal{O}(0; \{6, 4^8, 3^{13}, 2^3\})$	699136
12	$\mathcal{O}(0; \{6, 4^{10}, 3, 2^{16}\})$	1024
12	$\mathcal{O}(0; \{6, 4^{10}, 3^4, 2^{12}\})$	5120
12	$\mathcal{O}(0; \{6, 4^{10}, 3^7, 2^8\})$	44032
12	$\mathcal{O}(0; \{6, 4^{10}, 3^{10}, 2^4\})$	349184
12	$\mathcal{O}(0; \{6, 4^{10}, 3^{13}\})$	2796544
12	$\mathcal{O}(0; \{6, 4^{12}, 3, 2^{13}\})$	4096
12	$\mathcal{O}(0; \{6, 4^{12}, 3^4, 2^9\})$	20480
12	$\mathcal{O}(0; \{6, 4^{12}, 3^7, 2^5\})$	176128
12	$\mathcal{O}(0; \{6, 4^{12}, 3^{10}, 2\})$	1396736
12	$\mathcal{O}(0; \{6, 4^{14}, 3, 2^{10}\})$	16384

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6, 4^{14}, 3^4, 2^6\})$	81920
12	$\mathcal{O}(0; \{6, 4^{14}, 3^7, 2^2\})$	704512
12	$\mathcal{O}(0; \{6, 4^{16}, 3, 2^7\})$	65536
12	$\mathcal{O}(0; \{6, 4^{16}, 3^4, 2^3\})$	327680
12	$\mathcal{O}(0; \{6, 4^{18}, 3, 2^4\})$	262144
12	$\mathcal{O}(0; \{6, 4^{18}, 3^4\})$	1310720
12	$\mathcal{O}(0; \{6, 4^{20}, 3, 2\})$	1048576
12	$\mathcal{O}(0; \{6^2, 4^2, 3^2, 2^{25}\})$	12
12	$\mathcal{O}(0; \{6^2, 4^2, 3^5, 2^{21}\})$	84
12	$\mathcal{O}(0; \{6^2, 4^2, 3^8, 2^{17}\})$	684
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{11}, 2^{13}\})$	5460
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{14}, 2^9\})$	43692
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{17}, 2^5\})$	349524
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{20}, 2\})$	2796204
12	$\mathcal{O}(0; \{6^2, 4^4, 3^2, 2^{22}\})$	48
12	$\mathcal{O}(0; \{6^2, 4^4, 3^5, 2^{18}\})$	336
12	$\mathcal{O}(0; \{6^2, 4^4, 3^8, 2^{14}\})$	2736
12	$\mathcal{O}(0; \{6^2, 4^4, 3^{11}, 2^{10}\})$	21840
12	$\mathcal{O}(0; \{6^2, 4^4, 3^{14}, 2^6\})$	174768
12	$\mathcal{O}(0; \{6^2, 4^4, 3^{17}, 2^2\})$	1398096
12	$\mathcal{O}(0; \{6^2, 4^6, 3^2, 2^{19}\})$	192
12	$\mathcal{O}(0; \{6^2, 4^6, 3^5, 2^{15}\})$	1344
12	$\mathcal{O}(0; \{6^2, 4^6, 3^8, 2^{11}\})$	10944
12	$\mathcal{O}(0; \{6^2, 4^6, 3^{11}, 2^7\})$	87360
12	$\mathcal{O}(0; \{6^2, 4^6, 3^{14}, 2^3\})$	699072
12	$\mathcal{O}(0; \{6^2, 4^8, 3^2, 2^{16}\})$	768
12	$\mathcal{O}(0; \{6^2, 4^8, 3^5, 2^{12}\})$	5376
12	$\mathcal{O}(0; \{6^2, 4^8, 3^8, 2^8\})$	43776
12	$\mathcal{O}(0; \{6^2, 4^8, 3^{11}, 2^4\})$	349440
12	$\mathcal{O}(0; \{6^2, 4^8, 3^{14}\})$	2796288
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^2, 2^{13}\})$	3072
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^5, 2^9\})$	21504
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^8, 2^5\})$	175104
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^{11}, 2\})$	1397760
12	$\mathcal{O}(0; \{6^2, 4^{12}, 3^2, 2^{10}\})$	12288
12	$\mathcal{O}(0; \{6^2, 4^{12}, 3^5, 2^6\})$	86016
12	$\mathcal{O}(0; \{6^2, 4^{12}, 3^8, 2^2\})$	700416
12	$\mathcal{O}(0; \{6^2, 4^{14}, 3^2, 2^7\})$	49152
12	$\mathcal{O}(0; \{6^2, 4^{14}, 3^5, 2^3\})$	344064
12	$\mathcal{O}(0; \{6^2, 4^{16}, 3^2, 2^4\})$	196608
12	$\mathcal{O}(0; \{6^2, 4^{16}, 3^5\})$	1376256
12	$\mathcal{O}(0; \{6^2, 4^{18}, 3^2, 2\})$	786432
12	$\mathcal{O}(0; \{6^3, 4^2, 2^{26}\})$	4

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^3, 4^2, 3^3, 2^{22}\})$	44
12	$\mathcal{O}(0; \{6^3, 4^2, 3^6, 2^{18}\})$	340
12	$\mathcal{O}(0; \{6^3, 4^2, 3^9, 2^{14}\})$	2732
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{12}, 2^{10}\})$	21844
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{15}, 2^6\})$	174764
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{18}, 2^2\})$	1398100
12	$\mathcal{O}(0; \{6^3, 4^4, 2^{23}\})$	16
12	$\mathcal{O}(0; \{6^3, 4^4, 3^3, 2^{19}\})$	176
12	$\mathcal{O}(0; \{6^3, 4^4, 3^6, 2^{15}\})$	1360
12	$\mathcal{O}(0; \{6^3, 4^4, 3^9, 2^{11}\})$	10928
12	$\mathcal{O}(0; \{6^3, 4^4, 3^{12}, 2^7\})$	87376
12	$\mathcal{O}(0; \{6^3, 4^4, 3^{15}, 2^3\})$	699056
12	$\mathcal{O}(0; \{6^3, 4^6, 2^{20}\})$	64
12	$\mathcal{O}(0; \{6^3, 4^6, 3^3, 2^{16}\})$	704
12	$\mathcal{O}(0; \{6^3, 4^6, 3^6, 2^{12}\})$	5440
12	$\mathcal{O}(0; \{6^3, 4^6, 3^9, 2^8\})$	43712
12	$\mathcal{O}(0; \{6^3, 4^6, 3^{12}, 2^4\})$	349504
12	$\mathcal{O}(0; \{6^3, 4^6, 3^{15}\})$	2796224
12	$\mathcal{O}(0; \{6^3, 4^8, 2^{17}\})$	256
12	$\mathcal{O}(0; \{6^3, 4^8, 3^3, 2^{13}\})$	2816
12	$\mathcal{O}(0; \{6^3, 4^8, 3^6, 2^9\})$	21760
12	$\mathcal{O}(0; \{6^3, 4^8, 3^9, 2^5\})$	174848
12	$\mathcal{O}(0; \{6^3, 4^8, 3^{12}, 2\})$	1398016
12	$\mathcal{O}(0; \{6^3, 4^{10}, 2^{14}\})$	1024
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3^3, 2^{10}\})$	11264
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3^6, 2^6\})$	87040
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3^9, 2^2\})$	699392
12	$\mathcal{O}(0; \{6^3, 4^{12}, 2^{11}\})$	4096
12	$\mathcal{O}(0; \{6^3, 4^{12}, 3^3, 2^7\})$	45056
12	$\mathcal{O}(0; \{6^3, 4^{12}, 3^6, 2^3\})$	348160
12	$\mathcal{O}(0; \{6^3, 4^{14}, 2^8\})$	16384
12	$\mathcal{O}(0; \{6^3, 4^{14}, 3^3, 2^4\})$	180224
12	$\mathcal{O}(0; \{6^3, 4^{14}, 3^6\})$	1392640
12	$\mathcal{O}(0; \{6^3, 4^{16}, 2^5\})$	65536
12	$\mathcal{O}(0; \{6^3, 4^{16}, 3^3, 2\})$	720896
12	$\mathcal{O}(0; \{6^3, 4^{18}, 2^2\})$	262144
12	$\mathcal{O}(0; \{6^4, 4^2, 3, 2^{23}\})$	20
12	$\mathcal{O}(0; \{6^4, 4^2, 3^4, 2^{19}\})$	172
12	$\mathcal{O}(0; \{6^4, 4^2, 3^7, 2^{15}\})$	1364
12	$\mathcal{O}(0; \{6^4, 4^2, 3^{10}, 2^{11}\})$	10924
12	$\mathcal{O}(0; \{6^4, 4^2, 3^{13}, 2^7\})$	87380
12	$\mathcal{O}(0; \{6^4, 4^2, 3^{16}, 2^3\})$	699052
12	$\mathcal{O}(0; \{6^4, 4^4, 3, 2^{20}\})$	80

Continued on next page

Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^4, 4^4, 3^4, 2^{16}\})$	688
12	$\mathcal{O}(0; \{6^4, 4^4, 3^7, 2^{12}\})$	5456
12	$\mathcal{O}(0; \{6^4, 4^4, 3^{10}, 2^8\})$	43696
12	$\mathcal{O}(0; \{6^4, 4^4, 3^{13}, 2^4\})$	349520
12	$\mathcal{O}(0; \{6^4, 4^4, 3^{16}\})$	2796208
12	$\mathcal{O}(0; \{6^4, 4^6, 3, 2^{17}\})$	320
12	$\mathcal{O}(0; \{6^4, 4^6, 3^4, 2^{13}\})$	2752
12	$\mathcal{O}(0; \{6^4, 4^6, 3^7, 2^9\})$	21824
12	$\mathcal{O}(0; \{6^4, 4^6, 3^{10}, 2^5\})$	174784
12	$\mathcal{O}(0; \{6^4, 4^6, 3^{13}, 2\})$	1398080
12	$\mathcal{O}(0; \{6^4, 4^8, 3, 2^{14}\})$	1280
12	$\mathcal{O}(0; \{6^4, 4^8, 3^4, 2^{10}\})$	11008
12	$\mathcal{O}(0; \{6^4, 4^8, 3^7, 2^6\})$	87296
12	$\mathcal{O}(0; \{6^4, 4^8, 3^{10}, 2^2\})$	699136
12	$\mathcal{O}(0; \{6^4, 4^{10}, 3, 2^{11}\})$	5120
12	$\mathcal{O}(0; \{6^4, 4^{10}, 3^4, 2^7\})$	44032
12	$\mathcal{O}(0; \{6^4, 4^{10}, 3^7, 2^3\})$	349184
12	$\mathcal{O}(0; \{6^4, 4^{12}, 3, 2^8\})$	20480
12	$\mathcal{O}(0; \{6^4, 4^{12}, 3^4, 2^4\})$	176128
12	$\mathcal{O}(0; \{6^4, 4^{12}, 3^7\})$	1396736
12	$\mathcal{O}(0; \{6^4, 4^{14}, 3, 2^5\})$	81920
12	$\mathcal{O}(0; \{6^4, 4^{14}, 3^4, 2\})$	704512
12	$\mathcal{O}(0; \{6^4, 4^{16}, 3, 2^2\})$	327680
12	$\mathcal{O}(0; \{6^5, 4^2, 3^2, 2^{20}\})$	84
12	$\mathcal{O}(0; \{6^5, 4^2, 3^5, 2^{16}\})$	684
12	$\mathcal{O}(0; \{6^5, 4^2, 3^8, 2^{12}\})$	5460
12	$\mathcal{O}(0; \{6^5, 4^2, 3^{11}, 2^8\})$	43692
12	$\mathcal{O}(0; \{6^5, 4^2, 3^{14}, 2^4\})$	349524
12	$\mathcal{O}(0; \{6^5, 4^2, 3^{17}\})$	2796204
12	$\mathcal{O}(0; \{6^5, 4^4, 3^2, 2^{17}\})$	336
12	$\mathcal{O}(0; \{6^5, 4^4, 3^5, 2^{13}\})$	2736
12	$\mathcal{O}(0; \{6^5, 4^4, 3^8, 2^9\})$	21840
12	$\mathcal{O}(0; \{6^5, 4^4, 3^{11}, 2^5\})$	174768
12	$\mathcal{O}(0; \{6^5, 4^4, 3^{14}, 2\})$	1398096
12	$\mathcal{O}(0; \{6^5, 4^6, 3^2, 2^{14}\})$	1344
12	$\mathcal{O}(0; \{6^5, 4^6, 3^5, 2^{10}\})$	10944
12	$\mathcal{O}(0; \{6^5, 4^6, 3^8, 2^6\})$	87360
12	$\mathcal{O}(0; \{6^5, 4^6, 3^{11}, 2^2\})$	699072
12	$\mathcal{O}(0; \{6^5, 4^8, 3^2, 2^{11}\})$	5376
12	$\mathcal{O}(0; \{6^5, 4^8, 3^5, 2^7\})$	43776
12	$\mathcal{O}(0; \{6^5, 4^8, 3^8, 2^3\})$	349440
12	$\mathcal{O}(0; \{6^5, 4^{10}, 3^2, 2^8\})$	21504
12	$\mathcal{O}(0; \{6^5, 4^{10}, 3^5, 2^4\})$	175104

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^5, 4^{10}, 3^8\})$	1397760
12	$\mathcal{O}(0; \{6^5, 4^{12}, 3^2, 2^5\})$	86016
12	$\mathcal{O}(0; \{6^5, 4^{12}, 3^5, 2\})$	700416
12	$\mathcal{O}(0; \{6^5, 4^{14}, 3^2, 2^2\})$	344064
12	$\mathcal{O}(0; \{6^6, 4^2, 2^{21}\})$	44
12	$\mathcal{O}(0; \{6^6, 4^2, 3^3, 2^{17}\})$	340
12	$\mathcal{O}(0; \{6^6, 4^2, 3^6, 2^{13}\})$	2732
12	$\mathcal{O}(0; \{6^6, 4^2, 3^9, 2^9\})$	21844
12	$\mathcal{O}(0; \{6^6, 4^2, 3^{12}, 2^5\})$	174764
12	$\mathcal{O}(0; \{6^6, 4^2, 3^{15}, 2\})$	1398100
12	$\mathcal{O}(0; \{6^6, 4^4, 2^{18}\})$	176
12	$\mathcal{O}(0; \{6^6, 4^4, 3^3, 2^{14}\})$	1360
12	$\mathcal{O}(0; \{6^6, 4^4, 3^6, 2^{10}\})$	10928
12	$\mathcal{O}(0; \{6^6, 4^4, 3^9, 2^6\})$	87376
12	$\mathcal{O}(0; \{6^6, 4^4, 3^{12}, 2^2\})$	699056
12	$\mathcal{O}(0; \{6^6, 4^6, 2^{15}\})$	704
12	$\mathcal{O}(0; \{6^6, 4^6, 3^3, 2^{11}\})$	5440
12	$\mathcal{O}(0; \{6^6, 4^6, 3^6, 2^7\})$	43712
12	$\mathcal{O}(0; \{6^6, 4^6, 3^9, 2^3\})$	349504
12	$\mathcal{O}(0; \{6^6, 4^8, 2^{12}\})$	2816
12	$\mathcal{O}(0; \{6^6, 4^8, 3^3, 2^8\})$	21760
12	$\mathcal{O}(0; \{6^6, 4^8, 3^6, 2^4\})$	174848
12	$\mathcal{O}(0; \{6^6, 4^8, 3^9\})$	1398016
12	$\mathcal{O}(0; \{6^6, 4^{10}, 2^9\})$	11264
12	$\mathcal{O}(0; \{6^6, 4^{10}, 3^3, 2^5\})$	87040
12	$\mathcal{O}(0; \{6^6, 4^{10}, 3^6, 2\})$	699392
12	$\mathcal{O}(0; \{6^6, 4^{12}, 2^6\})$	45056
12	$\mathcal{O}(0; \{6^6, 4^{12}, 3^3, 2^2\})$	348160
12	$\mathcal{O}(0; \{6^6, 4^{14}, 2^3\})$	180224
12	$\mathcal{O}(0; \{6^6, 4^{16}\})$	720896
12	$\mathcal{O}(0; \{6^7, 4^2, 3, 2^{18}\})$	172
12	$\mathcal{O}(0; \{6^7, 4^2, 3^4, 2^{14}\})$	1364
12	$\mathcal{O}(0; \{6^7, 4^2, 3^7, 2^{10}\})$	10924
12	$\mathcal{O}(0; \{6^7, 4^2, 3^{10}, 2^6\})$	87380
12	$\mathcal{O}(0; \{6^7, 4^2, 3^{13}, 2^2\})$	699052
12	$\mathcal{O}(0; \{6^7, 4^4, 3, 2^{15}\})$	688
12	$\mathcal{O}(0; \{6^7, 4^4, 3^4, 2^{11}\})$	5456
12	$\mathcal{O}(0; \{6^7, 4^4, 3^7, 2^7\})$	43696
12	$\mathcal{O}(0; \{6^7, 4^4, 3^{10}, 2^3\})$	349520
12	$\mathcal{O}(0; \{6^7, 4^6, 3, 2^{12}\})$	2752
12	$\mathcal{O}(0; \{6^7, 4^6, 3^4, 2^8\})$	21824
12	$\mathcal{O}(0; \{6^7, 4^6, 3^7, 2^4\})$	174784
12	$\mathcal{O}(0; \{6^7, 4^6, 3^{10}\})$	1398080

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^7, 4^8, 3, 2^9\})$	11008
12	$\mathcal{O}(0; \{6^7, 4^8, 3^4, 2^5\})$	87296
12	$\mathcal{O}(0; \{6^7, 4^8, 3^7, 2\})$	699136
12	$\mathcal{O}(0; \{6^7, 4^{10}, 3, 2^6\})$	44032
12	$\mathcal{O}(0; \{6^7, 4^{10}, 3^4, 2^2\})$	349184
12	$\mathcal{O}(0; \{6^7, 4^{12}, 3, 2^3\})$	176128
12	$\mathcal{O}(0; \{6^7, 4^{14}, 3\})$	704512
12	$\mathcal{O}(0; \{6^8, 4^2, 3^2, 2^{15}\})$	684
12	$\mathcal{O}(0; \{6^8, 4^2, 3^5, 2^{11}\})$	5460
12	$\mathcal{O}(0; \{6^8, 4^2, 3^8, 2^7\})$	43692
12	$\mathcal{O}(0; \{6^8, 4^2, 3^{11}, 2^3\})$	349524
12	$\mathcal{O}(0; \{6^8, 4^4, 3^2, 2^{12}\})$	2736
12	$\mathcal{O}(0; \{6^8, 4^4, 3^5, 2^8\})$	21840
12	$\mathcal{O}(0; \{6^8, 4^4, 3^8, 2^4\})$	174768
12	$\mathcal{O}(0; \{6^8, 4^4, 3^{11}\})$	1398096
12	$\mathcal{O}(0; \{6^8, 4^6, 3^2, 2^9\})$	10944
12	$\mathcal{O}(0; \{6^8, 4^6, 3^5, 2^5\})$	87360
12	$\mathcal{O}(0; \{6^8, 4^6, 3^8, 2\})$	699072
12	$\mathcal{O}(0; \{6^8, 4^8, 3^2, 2^6\})$	43776
12	$\mathcal{O}(0; \{6^8, 4^8, 3^5, 2^2\})$	349440
12	$\mathcal{O}(0; \{6^8, 4^{10}, 3^2, 2^3\})$	175104
12	$\mathcal{O}(0; \{6^8, 4^{12}, 3^2\})$	700416
12	$\mathcal{O}(0; \{6^9, 4^2, 2^{16}\})$	340
12	$\mathcal{O}(0; \{6^9, 4^2, 3^3, 2^{12}\})$	2732
12	$\mathcal{O}(0; \{6^9, 4^2, 3^6, 2^8\})$	21844
12	$\mathcal{O}(0; \{6^9, 4^2, 3^9, 2^4\})$	174764
12	$\mathcal{O}(0; \{6^9, 4^2, 3^{12}\})$	1398100
12	$\mathcal{O}(0; \{6^9, 4^4, 2^{13}\})$	1360
12	$\mathcal{O}(0; \{6^9, 4^4, 3^3, 2^9\})$	10928
12	$\mathcal{O}(0; \{6^9, 4^4, 3^6, 2^5\})$	87376
12	$\mathcal{O}(0; \{6^9, 4^4, 3^9, 2\})$	699056
12	$\mathcal{O}(0; \{6^9, 4^6, 2^{10}\})$	5440
12	$\mathcal{O}(0; \{6^9, 4^6, 3^3, 2^6\})$	43712
12	$\mathcal{O}(0; \{6^9, 4^6, 3^6, 2^2\})$	349504
12	$\mathcal{O}(0; \{6^9, 4^8, 2^7\})$	21760
12	$\mathcal{O}(0; \{6^9, 4^8, 3^3, 2^3\})$	174848
12	$\mathcal{O}(0; \{6^9, 4^{10}, 2^4\})$	87040
12	$\mathcal{O}(0; \{6^9, 4^{10}, 3^3\})$	699392
12	$\mathcal{O}(0; \{6^9, 4^{12}, 2\})$	348160
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3, 2^{13}\})$	1364
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^4, 2^9\})$	10924
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^7, 2^5\})$	87380
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^{10}, 2\})$	699052

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^{10}, 4^4, 3, 2^{10}\})$	5456
12	$\mathcal{O}(0; \{6^{10}, 4^4, 3^4, 2^6\})$	43696
12	$\mathcal{O}(0; \{6^{10}, 4^4, 3^7, 2^2\})$	349520
12	$\mathcal{O}(0; \{6^{10}, 4^6, 3, 2^7\})$	21824
12	$\mathcal{O}(0; \{6^{10}, 4^6, 3^4, 2^3\})$	174784
12	$\mathcal{O}(0; \{6^{10}, 4^8, 3, 2^4\})$	87296
12	$\mathcal{O}(0; \{6^{10}, 4^8, 3^4\})$	699136
12	$\mathcal{O}(0; \{6^{10}, 4^{10}, 3, 2\})$	349184
12	$\mathcal{O}(0; \{6^{11}, 4^2, 3^2, 2^{10}\})$	5460
12	$\mathcal{O}(0; \{6^{11}, 4^2, 3^5, 2^6\})$	43692
12	$\mathcal{O}(0; \{6^{11}, 4^2, 3^8, 2^2\})$	349524
12	$\mathcal{O}(0; \{6^{11}, 4^4, 3^2, 2^7\})$	21840
12	$\mathcal{O}(0; \{6^{11}, 4^4, 3^5, 2^3\})$	174768
12	$\mathcal{O}(0; \{6^{11}, 4^6, 3^2, 2^4\})$	87360
12	$\mathcal{O}(0; \{6^{11}, 4^6, 3^5\})$	699072
12	$\mathcal{O}(0; \{6^{11}, 4^8, 3^2, 2\})$	349440
12	$\mathcal{O}(0; \{6^{12}, 4^2, 2^{11}\})$	2732
12	$\mathcal{O}(0; \{6^{12}, 4^2, 3^3, 2^7\})$	21844
12	$\mathcal{O}(0; \{6^{12}, 4^2, 3^6, 2^3\})$	174764
12	$\mathcal{O}(0; \{6^{12}, 4^4, 2^8\})$	10928
12	$\mathcal{O}(0; \{6^{12}, 4^4, 3^3, 2^4\})$	87376
12	$\mathcal{O}(0; \{6^{12}, 4^4, 3^6\})$	699056
12	$\mathcal{O}(0; \{6^{12}, 4^6, 2^5\})$	43712
12	$\mathcal{O}(0; \{6^{12}, 4^6, 3^3, 2\})$	349504
12	$\mathcal{O}(0; \{6^{12}, 4^8, 2^2\})$	174848
12	$\mathcal{O}(0; \{6^{13}, 4^2, 3, 2^8\})$	10924
12	$\mathcal{O}(0; \{6^{13}, 4^2, 3^4, 2^4\})$	87380
12	$\mathcal{O}(0; \{6^{13}, 4^2, 3^7\})$	699052
12	$\mathcal{O}(0; \{6^{13}, 4^4, 3, 2^5\})$	43696
12	$\mathcal{O}(0; \{6^{13}, 4^4, 3^4, 2\})$	349520
12	$\mathcal{O}(0; \{6^{13}, 4^6, 3, 2^2\})$	174784
12	$\mathcal{O}(0; \{6^{14}, 4^2, 3^2, 2^5\})$	43692
12	$\mathcal{O}(0; \{6^{14}, 4^2, 3^5, 2\})$	349524
12	$\mathcal{O}(0; \{6^{14}, 4^4, 3^2, 2^2\})$	174768
12	$\mathcal{O}(0; \{6^{15}, 4^2, 2^6\})$	21844
12	$\mathcal{O}(0; \{6^{15}, 4^2, 3^3, 2^2\})$	174764
12	$\mathcal{O}(0; \{6^{15}, 4^4, 2^3\})$	87376
12	$\mathcal{O}(0; \{6^{15}, 4^6\})$	349504
12	$\mathcal{O}(0; \{6^{16}, 4^2, 3, 2^3\})$	87380
12	$\mathcal{O}(0; \{6^{16}, 4^4, 3\})$	349520
12	$\mathcal{O}(0; \{6^{17}, 4^2, 3^2\})$	349524
12	$\mathcal{O}(0; \{6^{18}, 4^2, 2\})$	174764
12	$\mathcal{O}(0; \{12, 4, 3^2, 2^{28}\})$	4

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 4, 3^5, 2^{24}\})$	44
12	$\mathcal{O}(0; \{12, 4, 3^8, 2^{20}\})$	340
12	$\mathcal{O}(0; \{12, 4, 3^{11}, 2^{16}\})$	2732
12	$\mathcal{O}(0; \{12, 4, 3^{14}, 2^{12}\})$	21844
12	$\mathcal{O}(0; \{12, 4, 3^{17}, 2^8\})$	174764
12	$\mathcal{O}(0; \{12, 4, 3^{20}, 2^4\})$	1398100
12	$\mathcal{O}(0; \{12, 4, 3^{23}\})$	11184812
12	$\mathcal{O}(0; \{12, 4^3, 3^2, 2^{25}\})$	16
12	$\mathcal{O}(0; \{12, 4^3, 3^5, 2^{21}\})$	176
12	$\mathcal{O}(0; \{12, 4^3, 3^8, 2^{17}\})$	1360
12	$\mathcal{O}(0; \{12, 4^3, 3^{11}, 2^{13}\})$	10928
12	$\mathcal{O}(0; \{12, 4^3, 3^{14}, 2^9\})$	87376
12	$\mathcal{O}(0; \{12, 4^3, 3^{17}, 2^5\})$	699056
12	$\mathcal{O}(0; \{12, 4^3, 3^{20}, 2\})$	5592400
12	$\mathcal{O}(0; \{12, 4^5, 3^2, 2^{22}\})$	64
12	$\mathcal{O}(0; \{12, 4^5, 3^5, 2^{18}\})$	704
12	$\mathcal{O}(0; \{12, 4^5, 3^8, 2^{14}\})$	5440
12	$\mathcal{O}(0; \{12, 4^5, 3^{11}, 2^{10}\})$	43712
12	$\mathcal{O}(0; \{12, 4^5, 3^{14}, 2^6\})$	349504
12	$\mathcal{O}(0; \{12, 4^5, 3^{17}, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12, 4^7, 3^2, 2^{19}\})$	256
12	$\mathcal{O}(0; \{12, 4^7, 3^5, 2^{15}\})$	2816
12	$\mathcal{O}(0; \{12, 4^7, 3^8, 2^{11}\})$	21760
12	$\mathcal{O}(0; \{12, 4^7, 3^{11}, 2^7\})$	174848
12	$\mathcal{O}(0; \{12, 4^7, 3^{14}, 2^3\})$	1398016
12	$\mathcal{O}(0; \{12, 4^9, 3^2, 2^{16}\})$	1024
12	$\mathcal{O}(0; \{12, 4^9, 3^5, 2^{12}\})$	11264
12	$\mathcal{O}(0; \{12, 4^9, 3^8, 2^8\})$	87040
12	$\mathcal{O}(0; \{12, 4^9, 3^{11}, 2^4\})$	699392
12	$\mathcal{O}(0; \{12, 4^9, 3^{14}\})$	5592064
12	$\mathcal{O}(0; \{12, 4^{11}, 3^2, 2^{13}\})$	4096
12	$\mathcal{O}(0; \{12, 4^{11}, 3^5, 2^9\})$	45056
12	$\mathcal{O}(0; \{12, 4^{11}, 3^8, 2^5\})$	348160
12	$\mathcal{O}(0; \{12, 4^{11}, 3^{11}, 2\})$	2797568
12	$\mathcal{O}(0; \{12, 4^{13}, 3^2, 2^{10}\})$	16384
12	$\mathcal{O}(0; \{12, 4^{13}, 3^5, 2^6\})$	180224
12	$\mathcal{O}(0; \{12, 4^{13}, 3^8, 2^2\})$	1392640
12	$\mathcal{O}(0; \{12, 4^{15}, 3^2, 2^7\})$	65536
12	$\mathcal{O}(0; \{12, 4^{15}, 3^5, 2^3\})$	720896
12	$\mathcal{O}(0; \{12, 4^{17}, 3^2, 2^4\})$	262144
12	$\mathcal{O}(0; \{12, 4^{17}, 3^5\})$	2883584
12	$\mathcal{O}(0; \{12, 4^{19}, 3^2, 2\})$	1048576
12	$\mathcal{O}(0; \{12, 6, 4, 2^{29}\})$	4

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6, 4, 3^3, 2^{25}\})$	20
12	$\mathcal{O}(0; \{12, 6, 4, 3^6, 2^{21}\})$	172
12	$\mathcal{O}(0; \{12, 6, 4, 3^9, 2^{17}\})$	1364
12	$\mathcal{O}(0; \{12, 6, 4, 3^{12}, 2^{13}\})$	10924
12	$\mathcal{O}(0; \{12, 6, 4, 3^{15}, 2^9\})$	87380
12	$\mathcal{O}(0; \{12, 6, 4, 3^{18}, 2^5\})$	699052
12	$\mathcal{O}(0; \{12, 6, 4, 3^{21}, 2\})$	5592404
12	$\mathcal{O}(0; \{12, 6, 4^3, 2^{26}\})$	16
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^3, 2^{22}\})$	80
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^6, 2^{18}\})$	688
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^9, 2^{14}\})$	5456
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{12}, 2^{10}\})$	43696
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{15}, 2^6\})$	349520
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{18}, 2^2\})$	2796208
12	$\mathcal{O}(0; \{12, 6, 4^5, 2^{23}\})$	64
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^3, 2^{19}\})$	320
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^6, 2^{15}\})$	2752
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^9, 2^{11}\})$	21824
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^{12}, 2^7\})$	174784
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^{15}, 2^3\})$	1398080
12	$\mathcal{O}(0; \{12, 6, 4^7, 2^{20}\})$	256
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^3, 2^{16}\})$	1280
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^6, 2^{12}\})$	11008
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^9, 2^8\})$	87296
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^{12}, 2^4\})$	699136
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^{15}\})$	5592320
12	$\mathcal{O}(0; \{12, 6, 4^9, 2^{17}\})$	1024
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^3, 2^{13}\})$	5120
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^6, 2^9\})$	44032
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^9, 2^5\})$	349184
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^{12}, 2\})$	2796544
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 2^{14}\})$	4096
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3^3, 2^{10}\})$	20480
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3^6, 2^6\})$	176128
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3^9, 2^2\})$	1396736
12	$\mathcal{O}(0; \{12, 6, 4^{13}, 2^{11}\})$	16384
12	$\mathcal{O}(0; \{12, 6, 4^{13}, 3^3, 2^7\})$	81920
12	$\mathcal{O}(0; \{12, 6, 4^{13}, 3^6, 2^3\})$	704512
12	$\mathcal{O}(0; \{12, 6, 4^{15}, 2^8\})$	65536
12	$\mathcal{O}(0; \{12, 6, 4^{15}, 3^3, 2^4\})$	327680
12	$\mathcal{O}(0; \{12, 6, 4^{15}, 3^6\})$	2818048
12	$\mathcal{O}(0; \{12, 6, 4^{17}, 2^5\})$	262144
12	$\mathcal{O}(0; \{12, 6, 4^{17}, 3^3, 2\})$	1310720

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6, 4^{19}, 2^2\})$	1048576
12	$\mathcal{O}(0; \{12, 6^2, 4, 3, 2^{26}\})$	12
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^4, 2^{22}\})$	84
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^7, 2^{18}\})$	684
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{10}, 2^{14}\})$	5460
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{13}, 2^{10}\})$	43692
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{16}, 2^6\})$	349524
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{19}, 2^2\})$	2796204
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3, 2^{23}\})$	48
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^4, 2^{19}\})$	336
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^7, 2^{15}\})$	2736
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^{10}, 2^{11}\})$	21840
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^{13}, 2^7\})$	174768
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^{16}, 2^3\})$	1398096
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3, 2^{20}\})$	192
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^4, 2^{16}\})$	1344
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^7, 2^{12}\})$	10944
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^{10}, 2^8\})$	87360
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^{13}, 2^4\})$	699072
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^{16}\})$	5592384
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3, 2^{17}\})$	768
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^4, 2^{13}\})$	5376
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^7, 2^9\})$	43776
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^{10}, 2^5\})$	349440
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^{13}, 2\})$	2796288
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3, 2^{14}\})$	3072
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^4, 2^{10}\})$	21504
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^7, 2^6\})$	175104
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^{10}, 2^2\})$	1397760
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 3, 2^{11}\})$	12288
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 3^4, 2^7\})$	86016
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 3^7, 2^3\})$	700416
12	$\mathcal{O}(0; \{12, 6^2, 4^{13}, 3, 2^8\})$	49152
12	$\mathcal{O}(0; \{12, 6^2, 4^{13}, 3^4, 2^4\})$	344064
12	$\mathcal{O}(0; \{12, 6^2, 4^{13}, 3^7\})$	2801664
12	$\mathcal{O}(0; \{12, 6^2, 4^{15}, 3, 2^5\})$	196608
12	$\mathcal{O}(0; \{12, 6^2, 4^{15}, 3^4, 2\})$	1376256
12	$\mathcal{O}(0; \{12, 6^2, 4^{17}, 3, 2^2\})$	786432
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^2, 2^{23}\})$	44
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^5, 2^{19}\})$	340
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^8, 2^{15}\})$	2732
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{11}, 2^{11}\})$	21844
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{14}, 2^7\})$	174764

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{17}, 2^3\})$	1398100
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^2, 2^{20}\})$	176
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^5, 2^{16}\})$	1360
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^8, 2^{12}\})$	10928
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^{11}, 2^8\})$	87376
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^{14}, 2^4\})$	699056
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^{17}\})$	5592400
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^2, 2^{17}\})$	704
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^5, 2^{13}\})$	5440
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^8, 2^9\})$	43712
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^{11}, 2^5\})$	349504
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^{14}, 2\})$	2796224
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^2, 2^{14}\})$	2816
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^5, 2^{10}\})$	21760
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^8, 2^6\})$	174848
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^{11}, 2^2\})$	1398016
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3^2, 2^{11}\})$	11264
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3^5, 2^7\})$	87040
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3^8, 2^3\})$	699392
12	$\mathcal{O}(0; \{12, 6^3, 4^{11}, 3^2, 2^8\})$	45056
12	$\mathcal{O}(0; \{12, 6^3, 4^{11}, 3^5, 2^4\})$	348160
12	$\mathcal{O}(0; \{12, 6^3, 4^{11}, 3^8\})$	2797568
12	$\mathcal{O}(0; \{12, 6^3, 4^{13}, 3^2, 2^5\})$	180224
12	$\mathcal{O}(0; \{12, 6^3, 4^{13}, 3^5, 2\})$	1392640
12	$\mathcal{O}(0; \{12, 6^3, 4^{15}, 3^2, 2^2\})$	720896
12	$\mathcal{O}(0; \{12, 6^4, 4, 2^{24}\})$	20
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^3, 2^{20}\})$	172
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^6, 2^{16}\})$	1364
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^9, 2^{12}\})$	10924
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^{12}, 2^8\})$	87380
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^{15}, 2^4\})$	699052
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^{18}\})$	5592404
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 2^{21}\})$	80
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^3, 2^{17}\})$	688
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^6, 2^{13}\})$	5456
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^9, 2^9\})$	43696
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^{12}, 2^5\})$	349520
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^{15}, 2\})$	2796208
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 2^{18}\})$	320
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^3, 2^{14}\})$	2752
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^6, 2^{10}\})$	21824
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^9, 2^6\})$	174784
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^{12}, 2^2\})$	1398080

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 2^{15}\})$	1280
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^3, 2^{11}\})$	11008
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^6, 2^7\})$	87296
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^9, 2^3\})$	699136
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 2^{12}\})$	5120
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 3^3, 2^8\})$	44032
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 3^6, 2^4\})$	349184
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 3^9\})$	2796544
12	$\mathcal{O}(0; \{12, 6^4, 4^{11}, 2^9\})$	20480
12	$\mathcal{O}(0; \{12, 6^4, 4^{11}, 3^3, 2^5\})$	176128
12	$\mathcal{O}(0; \{12, 6^4, 4^{11}, 3^6, 2\})$	1396736
12	$\mathcal{O}(0; \{12, 6^4, 4^{13}, 2^6\})$	81920
12	$\mathcal{O}(0; \{12, 6^4, 4^{13}, 3^3, 2^2\})$	704512
12	$\mathcal{O}(0; \{12, 6^4, 4^{15}, 2^3\})$	327680
12	$\mathcal{O}(0; \{12, 6^4, 4^{17}\})$	1310720
12	$\mathcal{O}(0; \{12, 6^5, 4, 3, 2^{21}\})$	84
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^4, 2^{17}\})$	684
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^7, 2^{13}\})$	5460
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^{10}, 2^9\})$	43692
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^{13}, 2^5\})$	349524
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^{16}, 2\})$	2796204
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3, 2^{18}\})$	336
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^4, 2^{14}\})$	2736
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^7, 2^{10}\})$	21840
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^{10}, 2^6\})$	174768
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^{13}, 2^2\})$	1398096
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3, 2^{15}\})$	1344
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^4, 2^{11}\})$	10944
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^7, 2^7\})$	87360
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^{10}, 2^3\})$	699072
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3, 2^{12}\})$	5376
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3^4, 2^8\})$	43776
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3^7, 2^4\})$	349440
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3^{10}\})$	2796288
12	$\mathcal{O}(0; \{12, 6^5, 4^9, 3, 2^9\})$	21504
12	$\mathcal{O}(0; \{12, 6^5, 4^9, 3^4, 2^5\})$	175104
12	$\mathcal{O}(0; \{12, 6^5, 4^9, 3^7, 2\})$	1397760
12	$\mathcal{O}(0; \{12, 6^5, 4^{11}, 3, 2^6\})$	86016
12	$\mathcal{O}(0; \{12, 6^5, 4^{11}, 3^4, 2^2\})$	700416
12	$\mathcal{O}(0; \{12, 6^5, 4^{13}, 3, 2^3\})$	344064
12	$\mathcal{O}(0; \{12, 6^5, 4^{15}, 3\})$	1376256
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^2, 2^{18}\})$	340
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^5, 2^{14}\})$	2732

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^8, 2^{10}\})$	21844
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^{11}, 2^6\})$	174764
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^{14}, 2^2\})$	1398100
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^2, 2^{15}\})$	1360
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^5, 2^{11}\})$	10928
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^8, 2^7\})$	87376
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^{11}, 2^3\})$	699056
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^2, 2^{12}\})$	5440
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^5, 2^8\})$	43712
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^8, 2^4\})$	349504
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^{11}\})$	2796224
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 3^2, 2^9\})$	21760
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 3^5, 2^5\})$	174848
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 3^8, 2\})$	1398016
12	$\mathcal{O}(0; \{12, 6^6, 4^9, 3^2, 2^6\})$	87040
12	$\mathcal{O}(0; \{12, 6^6, 4^9, 3^5, 2^2\})$	699392
12	$\mathcal{O}(0; \{12, 6^6, 4^{11}, 3^2, 2^3\})$	348160
12	$\mathcal{O}(0; \{12, 6^6, 4^{13}, 3^2\})$	1392640
12	$\mathcal{O}(0; \{12, 6^7, 4, 2^{19}\})$	172
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^3, 2^{15}\})$	1364
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^6, 2^{11}\})$	10924
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^9, 2^7\})$	87380
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^{12}, 2^3\})$	699052
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 2^{16}\})$	688
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^3, 2^{12}\})$	5456
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^6, 2^8\})$	43696
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^9, 2^4\})$	349520
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^{12}\})$	2796208
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 2^{13}\})$	2752
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3^3, 2^9\})$	21824
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3^6, 2^5\})$	174784
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3^9, 2\})$	1398080
12	$\mathcal{O}(0; \{12, 6^7, 4^7, 2^{10}\})$	11008
12	$\mathcal{O}(0; \{12, 6^7, 4^7, 3^3, 2^6\})$	87296
12	$\mathcal{O}(0; \{12, 6^7, 4^7, 3^6, 2^2\})$	699136
12	$\mathcal{O}(0; \{12, 6^7, 4^9, 2^7\})$	44032
12	$\mathcal{O}(0; \{12, 6^7, 4^9, 3^3, 2^3\})$	349184
12	$\mathcal{O}(0; \{12, 6^7, 4^{11}, 2^4\})$	176128
12	$\mathcal{O}(0; \{12, 6^7, 4^{11}, 3^3\})$	1396736
12	$\mathcal{O}(0; \{12, 6^7, 4^{13}, 2\})$	704512
12	$\mathcal{O}(0; \{12, 6^8, 4, 3, 2^{16}\})$	684
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^4, 2^{12}\})$	5460
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^7, 2^8\})$	43692

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^{10}, 2^4\})$	349524
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^{13}\})$	2796204
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3, 2^{13}\})$	2736
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^4, 2^9\})$	21840
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^7, 2^5\})$	174768
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^{10}, 2\})$	1398096
12	$\mathcal{O}(0; \{12, 6^8, 4^5, 3, 2^{10}\})$	10944
12	$\mathcal{O}(0; \{12, 6^8, 4^5, 3^4, 2^6\})$	87360
12	$\mathcal{O}(0; \{12, 6^8, 4^5, 3^7, 2^2\})$	699072
12	$\mathcal{O}(0; \{12, 6^8, 4^7, 3, 2^7\})$	43776
12	$\mathcal{O}(0; \{12, 6^8, 4^7, 3^4, 2^3\})$	349440
12	$\mathcal{O}(0; \{12, 6^8, 4^9, 3, 2^4\})$	175104
12	$\mathcal{O}(0; \{12, 6^8, 4^9, 3^4\})$	1397760
12	$\mathcal{O}(0; \{12, 6^8, 4^{11}, 3, 2\})$	700416
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^2, 2^{13}\})$	2732
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^5, 2^9\})$	21844
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^8, 2^5\})$	174764
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^{11}, 2\})$	1398100
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 3^2, 2^{10}\})$	10928
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 3^5, 2^6\})$	87376
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 3^8, 2^2\})$	699056
12	$\mathcal{O}(0; \{12, 6^9, 4^5, 3^2, 2^7\})$	43712
12	$\mathcal{O}(0; \{12, 6^9, 4^5, 3^5, 2^3\})$	349504
12	$\mathcal{O}(0; \{12, 6^9, 4^7, 3^2, 2^4\})$	174848
12	$\mathcal{O}(0; \{12, 6^9, 4^7, 3^5\})$	1398016
12	$\mathcal{O}(0; \{12, 6^9, 4^9, 3^2, 2\})$	699392
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 2^{14}\})$	1364
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3^3, 2^{10}\})$	10924
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3^6, 2^6\})$	87380
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3^9, 2^2\})$	699052
12	$\mathcal{O}(0; \{12, 6^{10}, 4^3, 2^{11}\})$	5456
12	$\mathcal{O}(0; \{12, 6^{10}, 4^3, 3^3, 2^7\})$	43696
12	$\mathcal{O}(0; \{12, 6^{10}, 4^3, 3^6, 2^3\})$	349520
12	$\mathcal{O}(0; \{12, 6^{10}, 4^5, 2^8\})$	21824
12	$\mathcal{O}(0; \{12, 6^{10}, 4^5, 3^3, 2^4\})$	174784
12	$\mathcal{O}(0; \{12, 6^{10}, 4^5, 3^6\})$	1398080
12	$\mathcal{O}(0; \{12, 6^{10}, 4^7, 2^5\})$	87296
12	$\mathcal{O}(0; \{12, 6^{10}, 4^7, 3^3, 2\})$	699136
12	$\mathcal{O}(0; \{12, 6^{10}, 4^9, 2^2\})$	349184
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 3, 2^{11}\})$	5460
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 3^4, 2^7\})$	43692
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 3^7, 2^3\})$	349524
12	$\mathcal{O}(0; \{12, 6^{11}, 4^3, 3, 2^8\})$	21840

Continued on next page

Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^{11}, 4^3, 3^4, 2^4\})$	174768
12	$\mathcal{O}(0; \{12, 6^{11}, 4^3, 3^7\})$	1398096
12	$\mathcal{O}(0; \{12, 6^{11}, 4^5, 3, 2^5\})$	87360
12	$\mathcal{O}(0; \{12, 6^{11}, 4^5, 3^4, 2\})$	699072
12	$\mathcal{O}(0; \{12, 6^{11}, 4^7, 3, 2^2\})$	349440
12	$\mathcal{O}(0; \{12, 6^{12}, 4, 3^2, 2^8\})$	21844
12	$\mathcal{O}(0; \{12, 6^{12}, 4, 3^5, 2^4\})$	174764
12	$\mathcal{O}(0; \{12, 6^{12}, 4, 3^8\})$	1398100
12	$\mathcal{O}(0; \{12, 6^{12}, 4^3, 3^2, 2^5\})$	87376
12	$\mathcal{O}(0; \{12, 6^{12}, 4^3, 3^5, 2\})$	699056
12	$\mathcal{O}(0; \{12, 6^{12}, 4^5, 3^2, 2^2\})$	349504
12	$\mathcal{O}(0; \{12, 6^{13}, 4, 2^9\})$	10924
12	$\mathcal{O}(0; \{12, 6^{13}, 4, 3^3, 2^5\})$	87380
12	$\mathcal{O}(0; \{12, 6^{13}, 4, 3^6, 2\})$	699052
12	$\mathcal{O}(0; \{12, 6^{13}, 4^3, 2^6\})$	43696
12	$\mathcal{O}(0; \{12, 6^{13}, 4^3, 3^3, 2^2\})$	349520
12	$\mathcal{O}(0; \{12, 6^{13}, 4^5, 2^3\})$	174784
12	$\mathcal{O}(0; \{12, 6^{13}, 4^7\})$	699136
12	$\mathcal{O}(0; \{12, 6^{14}, 4, 3, 2^6\})$	43692
12	$\mathcal{O}(0; \{12, 6^{14}, 4, 3^4, 2^2\})$	349524
12	$\mathcal{O}(0; \{12, 6^{14}, 4^3, 3, 2^3\})$	174768
12	$\mathcal{O}(0; \{12, 6^{14}, 4^5, 3\})$	699072
12	$\mathcal{O}(0; \{12, 6^{15}, 4, 3^2, 2^3\})$	174764
12	$\mathcal{O}(0; \{12, 6^{15}, 4^3, 3^2\})$	699056
12	$\mathcal{O}(0; \{12, 6^{16}, 4, 2^4\})$	87380
12	$\mathcal{O}(0; \{12, 6^{16}, 4, 3^3\})$	699052
12	$\mathcal{O}(0; \{12, 6^{16}, 4^3, 2\})$	349520
12	$\mathcal{O}(0; \{12, 6^{17}, 4, 3, 2\})$	349524
12	$\mathcal{O}(0; \{12^2, 3, 2^{29}\})$	4
12	$\mathcal{O}(0; \{12^2, 3^4, 2^{25}\})$	44
12	$\mathcal{O}(0; \{12^2, 3^7, 2^{21}\})$	340
12	$\mathcal{O}(0; \{12^2, 3^{10}, 2^{17}\})$	2732
12	$\mathcal{O}(0; \{12^2, 3^{13}, 2^{13}\})$	21844
12	$\mathcal{O}(0; \{12^2, 3^{16}, 2^9\})$	174764
12	$\mathcal{O}(0; \{12^2, 3^{19}, 2^5\})$	1398100
12	$\mathcal{O}(0; \{12^2, 3^{22}, 2\})$	11184812
12	$\mathcal{O}(0; \{12^2, 4^2, 3, 2^{26}\})$	16
12	$\mathcal{O}(0; \{12^2, 4^2, 3^4, 2^{22}\})$	176
12	$\mathcal{O}(0; \{12^2, 4^2, 3^7, 2^{18}\})$	1360
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{10}, 2^{14}\})$	10928
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{13}, 2^{10}\})$	87376
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{16}, 2^6\})$	699056
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{19}, 2^2\})$	5592400

Continued on next page

Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 4^4, 3, 2^{23}\})$	64
12	$\mathcal{O}(0; \{12^2, 4^4, 3^4, 2^{19}\})$	704
12	$\mathcal{O}(0; \{12^2, 4^4, 3^7, 2^{15}\})$	5440
12	$\mathcal{O}(0; \{12^2, 4^4, 3^{10}, 2^{11}\})$	43712
12	$\mathcal{O}(0; \{12^2, 4^4, 3^{13}, 2^7\})$	349504
12	$\mathcal{O}(0; \{12^2, 4^4, 3^{16}, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12^2, 4^6, 3, 2^{20}\})$	256
12	$\mathcal{O}(0; \{12^2, 4^6, 3^4, 2^{16}\})$	2816
12	$\mathcal{O}(0; \{12^2, 4^6, 3^7, 2^{12}\})$	21760
12	$\mathcal{O}(0; \{12^2, 4^6, 3^{10}, 2^8\})$	174848
12	$\mathcal{O}(0; \{12^2, 4^6, 3^{13}, 2^4\})$	1398016
12	$\mathcal{O}(0; \{12^2, 4^6, 3^{16}\})$	11184896
12	$\mathcal{O}(0; \{12^2, 4^8, 3, 2^{17}\})$	1024
12	$\mathcal{O}(0; \{12^2, 4^8, 3^4, 2^{13}\})$	11264
12	$\mathcal{O}(0; \{12^2, 4^8, 3^7, 2^9\})$	87040
12	$\mathcal{O}(0; \{12^2, 4^8, 3^{10}, 2^5\})$	699392
12	$\mathcal{O}(0; \{12^2, 4^8, 3^{13}, 2\})$	5592064
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3, 2^{14}\})$	4096
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^4, 2^{10}\})$	45056
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^7, 2^6\})$	348160
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^{10}, 2^2\})$	2797568
12	$\mathcal{O}(0; \{12^2, 4^{12}, 3, 2^{11}\})$	16384
12	$\mathcal{O}(0; \{12^2, 4^{12}, 3^4, 2^7\})$	180224
12	$\mathcal{O}(0; \{12^2, 4^{12}, 3^7, 2^3\})$	1392640
12	$\mathcal{O}(0; \{12^2, 4^{14}, 3, 2^8\})$	65536
12	$\mathcal{O}(0; \{12^2, 4^{14}, 3^4, 2^4\})$	720896
12	$\mathcal{O}(0; \{12^2, 4^{14}, 3^7\})$	5570560
12	$\mathcal{O}(0; \{12^2, 4^{16}, 3, 2^5\})$	262144
12	$\mathcal{O}(0; \{12^2, 4^{16}, 3^4, 2\})$	2883584
12	$\mathcal{O}(0; \{12^2, 4^{18}, 3, 2^2\})$	1048576
12	$\mathcal{O}(0; \{12^2, 6, 3^2, 2^{26}\})$	20
12	$\mathcal{O}(0; \{12^2, 6, 3^5, 2^{22}\})$	172
12	$\mathcal{O}(0; \{12^2, 6, 3^8, 2^{18}\})$	1364
12	$\mathcal{O}(0; \{12^2, 6, 3^{11}, 2^{14}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6, 3^{14}, 2^{10}\})$	87380
12	$\mathcal{O}(0; \{12^2, 6, 3^{17}, 2^6\})$	699052
12	$\mathcal{O}(0; \{12^2, 6, 3^{20}, 2^2\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^2, 2^{23}\})$	80
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^5, 2^{19}\})$	688
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^8, 2^{15}\})$	5456
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{11}, 2^{11}\})$	43696
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{14}, 2^7\})$	349520
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{17}, 2^3\})$	2796208

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^2, 2^{20}\})$	320
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^5, 2^{16}\})$	2752
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^8, 2^{12}\})$	21824
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^{11}, 2^8\})$	174784
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^{14}, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^{17}\})$	11184832
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^2, 2^{17}\})$	1280
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^5, 2^{13}\})$	11008
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^8, 2^9\})$	87296
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^{11}, 2^5\})$	699136
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^{14}, 2\})$	5592320
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^2, 2^{14}\})$	5120
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^5, 2^{10}\})$	44032
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^8, 2^6\})$	349184
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^{11}, 2^2\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3^2, 2^{11}\})$	20480
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3^5, 2^7\})$	176128
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3^8, 2^3\})$	1396736
12	$\mathcal{O}(0; \{12^2, 6, 4^{12}, 3^2, 2^8\})$	81920
12	$\mathcal{O}(0; \{12^2, 6, 4^{12}, 3^5, 2^4\})$	704512
12	$\mathcal{O}(0; \{12^2, 6, 4^{12}, 3^8\})$	5586944
12	$\mathcal{O}(0; \{12^2, 6, 4^{14}, 3^2, 2^5\})$	327680
12	$\mathcal{O}(0; \{12^2, 6, 4^{14}, 3^5, 2\})$	2818048
12	$\mathcal{O}(0; \{12^2, 6, 4^{16}, 3^2, 2^2\})$	1310720
12	$\mathcal{O}(0; \{12^2, 6^2, 2^{27}\})$	12
12	$\mathcal{O}(0; \{12^2, 6^2, 3^3, 2^{23}\})$	84
12	$\mathcal{O}(0; \{12^2, 6^2, 3^6, 2^{19}\})$	684
12	$\mathcal{O}(0; \{12^2, 6^2, 3^9, 2^{15}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{12}, 2^{11}\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{15}, 2^7\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{18}, 2^3\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 2^{24}\})$	48
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^3, 2^{20}\})$	336
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^6, 2^{16}\})$	2736
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^9, 2^{12}\})$	21840
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^{12}, 2^8\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^{15}, 2^4\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^{18}\})$	11184816
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 2^{21}\})$	192
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^3, 2^{17}\})$	1344
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^6, 2^{13}\})$	10944
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^9, 2^9\})$	87360
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^{12}, 2^5\})$	699072

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^{15}, 2\})$	5592384
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 2^{18}\})$	768
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^3, 2^{14}\})$	5376
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^6, 2^{10}\})$	43776
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^9, 2^6\})$	349440
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^{12}, 2^2\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 2^{15}\})$	3072
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^3, 2^{11}\})$	21504
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^6, 2^7\})$	175104
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^9, 2^3\})$	1397760
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 2^{12}\})$	12288
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 3^3, 2^8\})$	86016
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 3^6, 2^4\})$	700416
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 3^9\})$	5591040
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{12}, 2^9\})$	49152
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{12}, 3^3, 2^5\})$	344064
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{12}, 3^6, 2\})$	2801664
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{14}, 2^6\})$	196608
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{14}, 3^3, 2^2\})$	1376256
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{16}, 2^3\})$	786432
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{18}\})$	3145728
12	$\mathcal{O}(0; \{12^2, 6^3, 3, 2^{24}\})$	44
12	$\mathcal{O}(0; \{12^2, 6^3, 3^4, 2^{20}\})$	340
12	$\mathcal{O}(0; \{12^2, 6^3, 3^7, 2^{16}\})$	2732
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{10}, 2^{12}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{13}, 2^8\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{16}, 2^4\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{19}\})$	11184812
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3, 2^{21}\})$	176
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^4, 2^{17}\})$	1360
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^7, 2^{13}\})$	10928
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^{10}, 2^9\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^{13}, 2^5\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^{16}, 2\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3, 2^{18}\})$	704
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^4, 2^{14}\})$	5440
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^7, 2^{10}\})$	43712
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^{10}, 2^6\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^{13}, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3, 2^{15}\})$	2816
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^4, 2^{11}\})$	21760
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^7, 2^7\})$	174848
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^{10}, 2^3\})$	1398016

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3, 2^{12}\})$	11264
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3^4, 2^8\})$	87040
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3^7, 2^4\})$	699392
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3^{10}\})$	5592064
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{10}, 3, 2^9\})$	45056
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{10}, 3^4, 2^5\})$	348160
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{10}, 3^7, 2\})$	2797568
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{12}, 3, 2^6\})$	180224
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{12}, 3^4, 2^2\})$	1392640
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{14}, 3, 2^3\})$	720896
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{16}, 3\})$	2883584
12	$\mathcal{O}(0; \{12^2, 6^4, 3^2, 2^{21}\})$	172
12	$\mathcal{O}(0; \{12^2, 6^4, 3^5, 2^{17}\})$	1364
12	$\mathcal{O}(0; \{12^2, 6^4, 3^8, 2^{13}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6^4, 3^{11}, 2^9\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^4, 3^{14}, 2^5\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^4, 3^{17}, 2\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^2, 2^{18}\})$	688
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^5, 2^{14}\})$	5456
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^8, 2^{10}\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^{11}, 2^6\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^{14}, 2^2\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^2, 2^{15}\})$	2752
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^5, 2^{11}\})$	21824
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^8, 2^7\})$	174784
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^{11}, 2^3\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^2, 2^{12}\})$	11008
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^5, 2^8\})$	87296
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^8, 2^4\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^{11}\})$	5592320
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 3^2, 2^9\})$	44032
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 3^5, 2^5\})$	349184
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 3^8, 2\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{10}, 3^2, 2^6\})$	176128
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{10}, 3^5, 2^2\})$	1396736
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{12}, 3^2, 2^3\})$	704512
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{14}, 3^2\})$	2818048
12	$\mathcal{O}(0; \{12^2, 6^5, 2^{22}\})$	84
12	$\mathcal{O}(0; \{12^2, 6^5, 3^3, 2^{18}\})$	684
12	$\mathcal{O}(0; \{12^2, 6^5, 3^6, 2^{14}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6^5, 3^9, 2^{10}\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^5, 3^{12}, 2^6\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^5, 3^{15}, 2^2\})$	2796204

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 2^{19}\})$	336
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^3, 2^{15}\})$	2736
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^6, 2^{11}\})$	21840
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^9, 2^7\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^{12}, 2^3\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 2^{16}\})$	1344
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^3, 2^{12}\})$	10944
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^6, 2^8\})$	87360
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^9, 2^4\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^{12}\})$	5592384
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 2^{13}\})$	5376
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3^3, 2^9\})$	43776
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3^6, 2^5\})$	349440
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3^9, 2\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^5, 4^8, 2^{10}\})$	21504
12	$\mathcal{O}(0; \{12^2, 6^5, 4^8, 3^3, 2^6\})$	175104
12	$\mathcal{O}(0; \{12^2, 6^5, 4^8, 3^6, 2^2\})$	1397760
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{10}, 2^7\})$	86016
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{10}, 3^3, 2^3\})$	700416
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{12}, 2^4\})$	344064
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{12}, 3^3\})$	2801664
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{14}, 2\})$	1376256
12	$\mathcal{O}(0; \{12^2, 6^6, 3, 2^{19}\})$	340
12	$\mathcal{O}(0; \{12^2, 6^6, 3^4, 2^{15}\})$	2732
12	$\mathcal{O}(0; \{12^2, 6^6, 3^7, 2^{11}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^6, 3^{10}, 2^7\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^6, 3^{13}, 2^3\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3, 2^{16}\})$	1360
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^4, 2^{12}\})$	10928
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^7, 2^8\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^{10}, 2^4\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^{13}\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3, 2^{13}\})$	5440
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^4, 2^9\})$	43712
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^7, 2^5\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^{10}, 2\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^6, 4^6, 3, 2^{10}\})$	21760
12	$\mathcal{O}(0; \{12^2, 6^6, 4^6, 3^4, 2^6\})$	174848
12	$\mathcal{O}(0; \{12^2, 6^6, 4^6, 3^7, 2^2\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^6, 4^8, 3, 2^7\})$	87040
12	$\mathcal{O}(0; \{12^2, 6^6, 4^8, 3^4, 2^3\})$	699392
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{10}, 3, 2^4\})$	348160
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{10}, 3^4\})$	2797568

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{12}, 3, 2\})$	1392640
12	$\mathcal{O}(0; \{12^2, 6^7, 3^2, 2^{16}\})$	1364
12	$\mathcal{O}(0; \{12^2, 6^7, 3^5, 2^{12}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6^7, 3^8, 2^8\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^7, 3^{11}, 2^4\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^7, 3^{14}\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^2, 2^{13}\})$	5456
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^5, 2^9\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^8, 2^5\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^{11}, 2\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 3^2, 2^{10}\})$	21824
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 3^5, 2^6\})$	174784
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 3^8, 2^2\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^7, 4^6, 3^2, 2^7\})$	87296
12	$\mathcal{O}(0; \{12^2, 6^7, 4^6, 3^5, 2^3\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^7, 4^8, 3^2, 2^4\})$	349184
12	$\mathcal{O}(0; \{12^2, 6^7, 4^8, 3^5\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6^7, 4^{10}, 3^2, 2\})$	1396736
12	$\mathcal{O}(0; \{12^2, 6^8, 2^{17}\})$	684
12	$\mathcal{O}(0; \{12^2, 6^8, 3^3, 2^{13}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6^8, 3^6, 2^9\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^8, 3^9, 2^5\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^8, 3^{12}, 2\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 2^{14}\})$	2736
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3^3, 2^{10}\})$	21840
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3^6, 2^6\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3^9, 2^2\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^8, 4^4, 2^{11}\})$	10944
12	$\mathcal{O}(0; \{12^2, 6^8, 4^4, 3^3, 2^7\})$	87360
12	$\mathcal{O}(0; \{12^2, 6^8, 4^4, 3^6, 2^3\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^8, 4^6, 2^8\})$	43776
12	$\mathcal{O}(0; \{12^2, 6^8, 4^6, 3^3, 2^4\})$	349440
12	$\mathcal{O}(0; \{12^2, 6^8, 4^6, 3^6\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^8, 4^8, 2^5\})$	175104
12	$\mathcal{O}(0; \{12^2, 6^8, 4^8, 3^3, 2\})$	1397760
12	$\mathcal{O}(0; \{12^2, 6^8, 4^{10}, 2^2\})$	700416
12	$\mathcal{O}(0; \{12^2, 6^9, 3, 2^{14}\})$	2732
12	$\mathcal{O}(0; \{12^2, 6^9, 3^4, 2^{10}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^9, 3^7, 2^6\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^9, 3^{10}, 2^2\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 3, 2^{11}\})$	10928
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 3^4, 2^7\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 3^7, 2^3\})$	699056

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^9, 4^4, 3, 2^8\})$	43712
12	$\mathcal{O}(0; \{12^2, 6^9, 4^4, 3^4, 2^4\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^9, 4^4, 3^7\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^9, 4^6, 3, 2^5\})$	174848
12	$\mathcal{O}(0; \{12^2, 6^9, 4^6, 3^4, 2\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^9, 4^8, 3, 2^2\})$	699392
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3^2, 2^{11}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3^5, 2^7\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3^8, 2^3\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^2, 3^2, 2^8\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^2, 3^5, 2^4\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^2, 3^8\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^4, 3^2, 2^5\})$	174784
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^4, 3^5, 2\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^6, 3^2, 2^2\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^{11}, 2^{12}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6^{11}, 3^3, 2^8\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^{11}, 3^6, 2^4\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^{11}, 3^9\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^2, 2^9\})$	21840
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^2, 3^3, 2^5\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^2, 3^6, 2\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^4, 2^6\})$	87360
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^4, 3^3, 2^2\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^6, 2^3\})$	349440
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^8\})$	1397760
12	$\mathcal{O}(0; \{12^2, 6^{12}, 3, 2^9\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^{12}, 3^4, 2^5\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^{12}, 3^7, 2\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^2, 3, 2^6\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^2, 3^4, 2^2\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^4, 3, 2^3\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^6, 3\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^{13}, 3^2, 2^6\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^{13}, 3^5, 2^2\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^2, 3^2, 2^3\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^4, 3^2\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^{14}, 2^7\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^{14}, 3^3, 2^3\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^{14}, 4^2, 2^4\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^{14}, 4^2, 3^3\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^{14}, 4^4, 2\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^{15}, 3, 2^4\})$	174764

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^{15}, 3^4\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^{15}, 4^2, 3, 2\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^{16}, 3^2, 2\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^{17}, 2^2\})$	349524
12	$\mathcal{O}(0; \{12^3, 4, 2^{27}\})$	16
12	$\mathcal{O}(0; \{12^3, 4, 3^3, 2^{23}\})$	176
12	$\mathcal{O}(0; \{12^3, 4, 3^6, 2^{19}\})$	1360
12	$\mathcal{O}(0; \{12^3, 4, 3^9, 2^{15}\})$	10928
12	$\mathcal{O}(0; \{12^3, 4, 3^{12}, 2^{11}\})$	87376
12	$\mathcal{O}(0; \{12^3, 4, 3^{15}, 2^7\})$	699056
12	$\mathcal{O}(0; \{12^3, 4, 3^{18}, 2^3\})$	5592400
12	$\mathcal{O}(0; \{12^3, 4^3, 2^{24}\})$	64
12	$\mathcal{O}(0; \{12^3, 4^3, 3^3, 2^{20}\})$	704
12	$\mathcal{O}(0; \{12^3, 4^3, 3^6, 2^{16}\})$	5440
12	$\mathcal{O}(0; \{12^3, 4^3, 3^9, 2^{12}\})$	43712
12	$\mathcal{O}(0; \{12^3, 4^3, 3^{12}, 2^8\})$	349504
12	$\mathcal{O}(0; \{12^3, 4^3, 3^{15}, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^3, 4^3, 3^{18}\})$	22369600
12	$\mathcal{O}(0; \{12^3, 4^5, 2^{21}\})$	256
12	$\mathcal{O}(0; \{12^3, 4^5, 3^3, 2^{17}\})$	2816
12	$\mathcal{O}(0; \{12^3, 4^5, 3^6, 2^{13}\})$	21760
12	$\mathcal{O}(0; \{12^3, 4^5, 3^9, 2^9\})$	174848
12	$\mathcal{O}(0; \{12^3, 4^5, 3^{12}, 2^5\})$	1398016
12	$\mathcal{O}(0; \{12^3, 4^5, 3^{15}, 2\})$	11184896
12	$\mathcal{O}(0; \{12^3, 4^7, 2^{18}\})$	1024
12	$\mathcal{O}(0; \{12^3, 4^7, 3^3, 2^{14}\})$	11264
12	$\mathcal{O}(0; \{12^3, 4^7, 3^6, 2^{10}\})$	87040
12	$\mathcal{O}(0; \{12^3, 4^7, 3^9, 2^6\})$	699392
12	$\mathcal{O}(0; \{12^3, 4^7, 3^{12}, 2^2\})$	5592064
12	$\mathcal{O}(0; \{12^3, 4^9, 2^{15}\})$	4096
12	$\mathcal{O}(0; \{12^3, 4^9, 3^3, 2^{11}\})$	45056
12	$\mathcal{O}(0; \{12^3, 4^9, 3^6, 2^7\})$	348160
12	$\mathcal{O}(0; \{12^3, 4^9, 3^9, 2^3\})$	2797568
12	$\mathcal{O}(0; \{12^3, 4^{11}, 2^{12}\})$	16384
12	$\mathcal{O}(0; \{12^3, 4^{11}, 3^3, 2^8\})$	180224
12	$\mathcal{O}(0; \{12^3, 4^{11}, 3^6, 2^4\})$	1392640
12	$\mathcal{O}(0; \{12^3, 4^{11}, 3^9\})$	11190272
12	$\mathcal{O}(0; \{12^3, 4^{13}, 2^9\})$	65536
12	$\mathcal{O}(0; \{12^3, 4^{13}, 3^3, 2^5\})$	720896
12	$\mathcal{O}(0; \{12^3, 4^{13}, 3^6, 2\})$	5570560
12	$\mathcal{O}(0; \{12^3, 4^{15}, 2^6\})$	262144
12	$\mathcal{O}(0; \{12^3, 4^{15}, 3^3, 2^2\})$	2883584
12	$\mathcal{O}(0; \{12^3, 4^{17}, 2^3\})$	1048576

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 4^{19}\})$	4194304
12	$\mathcal{O}(0; \{12^3, 6, 4, 3, 2^{24}\})$	80
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^4, 2^{20}\})$	688
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^7, 2^{16}\})$	5456
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{10}, 2^{12}\})$	43696
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{13}, 2^8\})$	349520
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{16}, 2^4\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{19}\})$	22369616
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3, 2^{21}\})$	320
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^4, 2^{17}\})$	2752
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^7, 2^{13}\})$	21824
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^{10}, 2^9\})$	174784
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^{13}, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^{16}, 2\})$	11184832
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3, 2^{18}\})$	1280
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^4, 2^{14}\})$	11008
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^7, 2^{10}\})$	87296
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^{10}, 2^6\})$	699136
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^{13}, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3, 2^{15}\})$	5120
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^4, 2^{11}\})$	44032
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^7, 2^7\})$	349184
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^{10}, 2^3\})$	2796544
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3, 2^{12}\})$	20480
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3^4, 2^8\})$	176128
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3^7, 2^4\})$	1396736
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3^{10}\})$	11186176
12	$\mathcal{O}(0; \{12^3, 6, 4^{11}, 3, 2^9\})$	81920
12	$\mathcal{O}(0; \{12^3, 6, 4^{11}, 3^4, 2^5\})$	704512
12	$\mathcal{O}(0; \{12^3, 6, 4^{11}, 3^7, 2\})$	5586944
12	$\mathcal{O}(0; \{12^3, 6, 4^{13}, 3, 2^6\})$	327680
12	$\mathcal{O}(0; \{12^3, 6, 4^{13}, 3^4, 2^2\})$	2818048
12	$\mathcal{O}(0; \{12^3, 6, 4^{15}, 3, 2^3\})$	1310720
12	$\mathcal{O}(0; \{12^3, 6, 4^{17}, 3\})$	5242880
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^2, 2^{21}\})$	336
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^5, 2^{17}\})$	2736
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^8, 2^{13}\})$	21840
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^{11}, 2^9\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^{14}, 2^5\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^{17}, 2\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^2, 2^{18}\})$	1344
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^5, 2^{14}\})$	10944
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^8, 2^{10}\})$	87360

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^{11}, 2^6\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^{14}, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^2, 2^{15}\})$	5376
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^5, 2^{11}\})$	43776
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^8, 2^7\})$	349440
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^{11}, 2^3\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^2, 2^{12}\})$	21504
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^5, 2^8\})$	175104
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^8, 2^4\})$	1397760
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^{11}\})$	11185152
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 3^2, 2^9\})$	86016
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 3^5, 2^5\})$	700416
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 3^8, 2\})$	5591040
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{11}, 3^2, 2^6\})$	344064
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{11}, 3^5, 2^2\})$	2801664
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{13}, 3^2, 2^3\})$	1376256
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{15}, 3^2\})$	5505024
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 2^{22}\})$	176
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^3, 2^{18}\})$	1360
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^6, 2^{14}\})$	10928
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^9, 2^{10}\})$	87376
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^{12}, 2^6\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^{15}, 2^2\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 2^{19}\})$	704
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^3, 2^{15}\})$	5440
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^6, 2^{11}\})$	43712
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^9, 2^7\})$	349504
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^{12}, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 2^{16}\})$	2816
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^3, 2^{12}\})$	21760
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^6, 2^8\})$	174848
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^9, 2^4\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^{12}\})$	11184896
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 2^{13}\})$	11264
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3^3, 2^9\})$	87040
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3^6, 2^5\})$	699392
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3^9, 2\})$	5592064
12	$\mathcal{O}(0; \{12^3, 6^3, 4^9, 2^{10}\})$	45056
12	$\mathcal{O}(0; \{12^3, 6^3, 4^9, 3^3, 2^6\})$	348160
12	$\mathcal{O}(0; \{12^3, 6^3, 4^9, 3^6, 2^2\})$	2797568
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{11}, 2^7\})$	180224
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{11}, 3^3, 2^3\})$	1392640
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{13}, 2^4\})$	720896

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{13}, 3^3\})$	5570560
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{15}, 2\})$	2883584
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3, 2^{19}\})$	688
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^4, 2^{15}\})$	5456
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^7, 2^{11}\})$	43696
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^{10}, 2^7\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^{13}, 2^3\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3, 2^{16}\})$	2752
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^4, 2^{12}\})$	21824
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^7, 2^8\})$	174784
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^{10}, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^{13}\})$	11184832
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3, 2^{13}\})$	11008
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^4, 2^9\})$	87296
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^7, 2^5\})$	699136
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^{10}, 2\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^4, 4^7, 3, 2^{10}\})$	44032
12	$\mathcal{O}(0; \{12^3, 6^4, 4^7, 3^4, 2^6\})$	349184
12	$\mathcal{O}(0; \{12^3, 6^4, 4^7, 3^7, 2^2\})$	2796544
12	$\mathcal{O}(0; \{12^3, 6^4, 4^9, 3, 2^7\})$	176128
12	$\mathcal{O}(0; \{12^3, 6^4, 4^9, 3^4, 2^3\})$	1396736
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{11}, 3, 2^4\})$	704512
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{11}, 3^4\})$	5586944
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{13}, 3, 2\})$	2818048
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^2, 2^{16}\})$	2736
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^5, 2^{12}\})$	21840
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^8, 2^8\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^{11}, 2^4\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^{14}\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^2, 2^{13}\})$	10944
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^5, 2^9\})$	87360
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^8, 2^5\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^{11}, 2\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 3^2, 2^{10}\})$	43776
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 3^5, 2^6\})$	349440
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 3^8, 2^2\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^5, 4^7, 3^2, 2^7\})$	175104
12	$\mathcal{O}(0; \{12^3, 6^5, 4^7, 3^5, 2^3\})$	1397760
12	$\mathcal{O}(0; \{12^3, 6^5, 4^9, 3^2, 2^4\})$	700416
12	$\mathcal{O}(0; \{12^3, 6^5, 4^9, 3^5\})$	5591040
12	$\mathcal{O}(0; \{12^3, 6^5, 4^{11}, 3^2, 2\})$	2801664
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 2^{17}\})$	1360
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^3, 2^{13}\})$	10928

Continued on next page

Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^6, 2^9\})$	87376
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^9, 2^5\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^{12}, 2\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 2^{14}\})$	5440
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3^3, 2^{10}\})$	43712
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3^6, 2^6\})$	349504
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3^9, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^6, 4^5, 2^{11}\})$	21760
12	$\mathcal{O}(0; \{12^3, 6^6, 4^5, 3^3, 2^7\})$	174848
12	$\mathcal{O}(0; \{12^3, 6^6, 4^5, 3^6, 2^3\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^6, 4^7, 2^8\})$	87040
12	$\mathcal{O}(0; \{12^3, 6^6, 4^7, 3^3, 2^4\})$	699392
12	$\mathcal{O}(0; \{12^3, 6^6, 4^7, 3^6\})$	5592064
12	$\mathcal{O}(0; \{12^3, 6^6, 4^9, 2^5\})$	348160
12	$\mathcal{O}(0; \{12^3, 6^6, 4^9, 3^3, 2\})$	2797568
12	$\mathcal{O}(0; \{12^3, 6^6, 4^{11}, 2^2\})$	1392640
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3, 2^{14}\})$	5456
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^4, 2^{10}\})$	43696
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^7, 2^6\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^{10}, 2^2\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 3, 2^{11}\})$	21824
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 3^4, 2^7\})$	174784
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 3^7, 2^3\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^7, 4^5, 3, 2^8\})$	87296
12	$\mathcal{O}(0; \{12^3, 6^7, 4^5, 3^4, 2^4\})$	699136
12	$\mathcal{O}(0; \{12^3, 6^7, 4^5, 3^7\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^7, 4^7, 3, 2^5\})$	349184
12	$\mathcal{O}(0; \{12^3, 6^7, 4^7, 3^4, 2\})$	2796544
12	$\mathcal{O}(0; \{12^3, 6^7, 4^9, 3, 2^2\})$	1396736
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3^2, 2^{11}\})$	21840
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3^5, 2^7\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3^8, 2^3\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^8, 4^3, 3^2, 2^8\})$	87360
12	$\mathcal{O}(0; \{12^3, 6^8, 4^3, 3^5, 2^4\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^8, 4^3, 3^8\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^8, 4^5, 3^2, 2^5\})$	349440
12	$\mathcal{O}(0; \{12^3, 6^8, 4^5, 3^5, 2\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^8, 4^7, 3^2, 2^2\})$	1397760
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 2^{12}\})$	10928
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 3^3, 2^8\})$	87376
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 3^6, 2^4\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 3^9\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^9, 4^3, 2^9\})$	43712

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^9, 4^3, 3^3, 2^5\})$	349504
12	$\mathcal{O}(0; \{12^3, 6^9, 4^3, 3^6, 2\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^9, 4^5, 2^6\})$	174848
12	$\mathcal{O}(0; \{12^3, 6^9, 4^5, 3^3, 2^2\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^9, 4^7, 2^3\})$	699392
12	$\mathcal{O}(0; \{12^3, 6^9, 4^9\})$	2797568
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4, 3, 2^9\})$	43696
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4, 3^4, 2^5\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4, 3^7, 2\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^3, 3, 2^6\})$	174784
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^3, 3^4, 2^2\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^5, 3, 2^3\})$	699136
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^7, 3\})$	2796544
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4, 3^2, 2^6\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4, 3^5, 2^2\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^3, 3^2, 2^3\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^5, 3^2\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4, 2^7\})$	87376
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4, 3^3, 2^3\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4^3, 2^4\})$	349504
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4^3, 3^3\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4^5, 2\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4, 3, 2^4\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4, 3^4\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4^3, 3, 2\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^{14}, 4, 3^2, 2\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^{15}, 4, 2^2\})$	699056
12	$\mathcal{O}(0; \{12^4, 3^2, 2^{24}\})$	176
12	$\mathcal{O}(0; \{12^4, 3^5, 2^{20}\})$	1360
12	$\mathcal{O}(0; \{12^4, 3^8, 2^{16}\})$	10928
12	$\mathcal{O}(0; \{12^4, 3^{11}, 2^{12}\})$	87376
12	$\mathcal{O}(0; \{12^4, 3^{14}, 2^8\})$	699056
12	$\mathcal{O}(0; \{12^4, 3^{17}, 2^4\})$	5592400
12	$\mathcal{O}(0; \{12^4, 3^{20}\})$	44739248
12	$\mathcal{O}(0; \{12^4, 4^2, 3^2, 2^{21}\})$	704
12	$\mathcal{O}(0; \{12^4, 4^2, 3^5, 2^{17}\})$	5440
12	$\mathcal{O}(0; \{12^4, 4^2, 3^8, 2^{13}\})$	43712
12	$\mathcal{O}(0; \{12^4, 4^2, 3^{11}, 2^9\})$	349504
12	$\mathcal{O}(0; \{12^4, 4^2, 3^{14}, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^4, 4^2, 3^{17}, 2\})$	22369600
12	$\mathcal{O}(0; \{12^4, 4^4, 3^2, 2^{18}\})$	2816
12	$\mathcal{O}(0; \{12^4, 4^4, 3^5, 2^{14}\})$	21760
12	$\mathcal{O}(0; \{12^4, 4^4, 3^8, 2^{10}\})$	174848

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 4^4, 3^{11}, 2^6\})$	1398016
12	$\mathcal{O}(0; \{12^4, 4^4, 3^{14}, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^4, 4^6, 3^2, 2^{15}\})$	11264
12	$\mathcal{O}(0; \{12^4, 4^6, 3^5, 2^{11}\})$	87040
12	$\mathcal{O}(0; \{12^4, 4^6, 3^8, 2^7\})$	699392
12	$\mathcal{O}(0; \{12^4, 4^6, 3^{11}, 2^3\})$	5592064
12	$\mathcal{O}(0; \{12^4, 4^8, 3^2, 2^{12}\})$	45056
12	$\mathcal{O}(0; \{12^4, 4^8, 3^5, 2^8\})$	348160
12	$\mathcal{O}(0; \{12^4, 4^8, 3^8, 2^4\})$	2797568
12	$\mathcal{O}(0; \{12^4, 4^8, 3^{11}\})$	22368256
12	$\mathcal{O}(0; \{12^4, 4^{10}, 3^2, 2^9\})$	180224
12	$\mathcal{O}(0; \{12^4, 4^{10}, 3^5, 2^5\})$	1392640
12	$\mathcal{O}(0; \{12^4, 4^{10}, 3^8, 2\})$	11190272
12	$\mathcal{O}(0; \{12^4, 4^{12}, 3^2, 2^6\})$	720896
12	$\mathcal{O}(0; \{12^4, 4^{12}, 3^5, 2^2\})$	5570560
12	$\mathcal{O}(0; \{12^4, 4^{14}, 3^2, 2^3\})$	2883584
12	$\mathcal{O}(0; \{12^4, 4^{16}, 3^2\})$	11534336
12	$\mathcal{O}(0; \{12^4, 6, 2^{25}\})$	80
12	$\mathcal{O}(0; \{12^4, 6, 3^3, 2^{21}\})$	688
12	$\mathcal{O}(0; \{12^4, 6, 3^6, 2^{17}\})$	5456
12	$\mathcal{O}(0; \{12^4, 6, 3^9, 2^{13}\})$	43696
12	$\mathcal{O}(0; \{12^4, 6, 3^{12}, 2^9\})$	349520
12	$\mathcal{O}(0; \{12^4, 6, 3^{15}, 2^5\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6, 3^{18}, 2\})$	22369616
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 2^{22}\})$	320
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^3, 2^{18}\})$	2752
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^6, 2^{14}\})$	21824
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^9, 2^{10}\})$	174784
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^{12}, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^{15}, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 2^{19}\})$	1280
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^3, 2^{15}\})$	11008
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^6, 2^{11}\})$	87296
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^9, 2^7\})$	699136
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^{12}, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 2^{16}\})$	5120
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^3, 2^{12}\})$	44032
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^6, 2^8\})$	349184
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^9, 2^4\})$	2796544
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^{12}\})$	22369280
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 2^{13}\})$	20480
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3^3, 2^9\})$	176128
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3^6, 2^5\})$	1396736

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3^9, 2\})$	11186176
12	$\mathcal{O}(0; \{12^4, 6, 4^{10}, 2^{10}\})$	81920
12	$\mathcal{O}(0; \{12^4, 6, 4^{10}, 3^3, 2^6\})$	704512
12	$\mathcal{O}(0; \{12^4, 6, 4^{10}, 3^6, 2^2\})$	5586944
12	$\mathcal{O}(0; \{12^4, 6, 4^{12}, 2^7\})$	327680
12	$\mathcal{O}(0; \{12^4, 6, 4^{12}, 3^3, 2^3\})$	2818048
12	$\mathcal{O}(0; \{12^4, 6, 4^{14}, 2^4\})$	1310720
12	$\mathcal{O}(0; \{12^4, 6, 4^{14}, 3^3\})$	11272192
12	$\mathcal{O}(0; \{12^4, 6, 4^{16}, 2\})$	5242880
12	$\mathcal{O}(0; \{12^4, 6^2, 3, 2^{22}\})$	336
12	$\mathcal{O}(0; \{12^4, 6^2, 3^4, 2^{18}\})$	2736
12	$\mathcal{O}(0; \{12^4, 6^2, 3^7, 2^{14}\})$	21840
12	$\mathcal{O}(0; \{12^4, 6^2, 3^{10}, 2^{10}\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^2, 3^{13}, 2^6\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^2, 3^{16}, 2^2\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3, 2^{19}\})$	1344
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^4, 2^{15}\})$	10944
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^7, 2^{11}\})$	87360
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^{10}, 2^7\})$	699072
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^{13}, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3, 2^{16}\})$	5376
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^4, 2^{12}\})$	43776
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^7, 2^8\})$	349440
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^{10}, 2^4\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^{13}\})$	22369536
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3, 2^{13}\})$	21504
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^4, 2^9\})$	175104
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^7, 2^5\})$	1397760
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^{10}, 2\})$	11185152
12	$\mathcal{O}(0; \{12^4, 6^2, 4^8, 3, 2^{10}\})$	86016
12	$\mathcal{O}(0; \{12^4, 6^2, 4^8, 3^4, 2^6\})$	700416
12	$\mathcal{O}(0; \{12^4, 6^2, 4^8, 3^7, 2^2\})$	5591040
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{10}, 3, 2^7\})$	344064
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{10}, 3^4, 2^3\})$	2801664
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{12}, 3, 2^4\})$	1376256
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{12}, 3^4\})$	11206656
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{14}, 3, 2\})$	5505024
12	$\mathcal{O}(0; \{12^4, 6^3, 3^2, 2^{19}\})$	1360
12	$\mathcal{O}(0; \{12^4, 6^3, 3^5, 2^{15}\})$	10928
12	$\mathcal{O}(0; \{12^4, 6^3, 3^8, 2^{11}\})$	87376
12	$\mathcal{O}(0; \{12^4, 6^3, 3^{11}, 2^7\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^3, 3^{14}, 2^3\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^2, 2^{16}\})$	5440

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^5, 2^{12}\})$	43712
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^8, 2^8\})$	349504
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^{11}, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^{14}\})$	22369600
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^2, 2^{13}\})$	21760
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^5, 2^9\})$	174848
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^8, 2^5\})$	1398016
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^{11}, 2\})$	11184896
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 3^2, 2^{10}\})$	87040
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 3^5, 2^6\})$	699392
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 3^8, 2^2\})$	5592064
12	$\mathcal{O}(0; \{12^4, 6^3, 4^8, 3^2, 2^7\})$	348160
12	$\mathcal{O}(0; \{12^4, 6^3, 4^8, 3^5, 2^3\})$	2797568
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{10}, 3^2, 2^4\})$	1392640
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{10}, 3^5\})$	11190272
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{12}, 3^2, 2\})$	5570560
12	$\mathcal{O}(0; \{12^4, 6^4, 2^{20}\})$	688
12	$\mathcal{O}(0; \{12^4, 6^4, 3^3, 2^{16}\})$	5456
12	$\mathcal{O}(0; \{12^4, 6^4, 3^6, 2^{12}\})$	43696
12	$\mathcal{O}(0; \{12^4, 6^4, 3^9, 2^8\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^4, 3^{12}, 2^4\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^4, 3^{15}\})$	22369616
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 2^{17}\})$	2752
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^3, 2^{13}\})$	21824
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^6, 2^9\})$	174784
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^9, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^{12}, 2\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 2^{14}\})$	11008
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3^3, 2^{10}\})$	87296
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3^6, 2^6\})$	699136
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3^9, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^4, 4^6, 2^{11}\})$	44032
12	$\mathcal{O}(0; \{12^4, 6^4, 4^6, 3^3, 2^7\})$	349184
12	$\mathcal{O}(0; \{12^4, 6^4, 4^6, 3^6, 2^3\})$	2796544
12	$\mathcal{O}(0; \{12^4, 6^4, 4^8, 2^8\})$	176128
12	$\mathcal{O}(0; \{12^4, 6^4, 4^8, 3^3, 2^4\})$	1396736
12	$\mathcal{O}(0; \{12^4, 6^4, 4^8, 3^6\})$	11186176
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{10}, 2^5\})$	704512
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{10}, 3^3, 2\})$	5586944
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{12}, 2^2\})$	2818048
12	$\mathcal{O}(0; \{12^4, 6^5, 3, 2^{17}\})$	2736
12	$\mathcal{O}(0; \{12^4, 6^5, 3^4, 2^{13}\})$	21840
12	$\mathcal{O}(0; \{12^4, 6^5, 3^7, 2^9\})$	174768

Continued on next page

Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^5, 3^{10}, 2^5\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^5, 3^{13}, 2\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3, 2^{14}\})$	10944
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^4, 2^{10}\})$	87360
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^7, 2^6\})$	699072
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^{10}, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 3, 2^{11}\})$	43776
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 3^4, 2^7\})$	349440
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 3^7, 2^3\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6^5, 4^6, 3, 2^8\})$	175104
12	$\mathcal{O}(0; \{12^4, 6^5, 4^6, 3^4, 2^4\})$	1397760
12	$\mathcal{O}(0; \{12^4, 6^5, 4^6, 3^7\})$	11185152
12	$\mathcal{O}(0; \{12^4, 6^5, 4^8, 3, 2^5\})$	700416
12	$\mathcal{O}(0; \{12^4, 6^5, 4^8, 3^4, 2\})$	5591040
12	$\mathcal{O}(0; \{12^4, 6^5, 4^{10}, 3, 2^2\})$	2801664
12	$\mathcal{O}(0; \{12^4, 6^6, 3^2, 2^{14}\})$	10928
12	$\mathcal{O}(0; \{12^4, 6^6, 3^5, 2^{10}\})$	87376
12	$\mathcal{O}(0; \{12^4, 6^6, 3^8, 2^6\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^6, 3^{11}, 2^2\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3^2, 2^{11}\})$	43712
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3^5, 2^7\})$	349504
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3^8, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^6, 4^4, 3^2, 2^8\})$	174848
12	$\mathcal{O}(0; \{12^4, 6^6, 4^4, 3^5, 2^4\})$	1398016
12	$\mathcal{O}(0; \{12^4, 6^6, 4^4, 3^8\})$	11184896
12	$\mathcal{O}(0; \{12^4, 6^6, 4^6, 3^2, 2^5\})$	699392
12	$\mathcal{O}(0; \{12^4, 6^6, 4^6, 3^5, 2\})$	5592064
12	$\mathcal{O}(0; \{12^4, 6^6, 4^8, 3^2, 2^2\})$	2797568
12	$\mathcal{O}(0; \{12^4, 6^7, 2^{15}\})$	5456
12	$\mathcal{O}(0; \{12^4, 6^7, 3^3, 2^{11}\})$	43696
12	$\mathcal{O}(0; \{12^4, 6^7, 3^6, 2^7\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^7, 3^9, 2^3\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 2^{12}\})$	21824
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 3^3, 2^8\})$	174784
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 3^6, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 3^9\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^7, 4^4, 2^9\})$	87296
12	$\mathcal{O}(0; \{12^4, 6^7, 4^4, 3^3, 2^5\})$	699136
12	$\mathcal{O}(0; \{12^4, 6^7, 4^4, 3^6, 2\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^7, 4^6, 2^6\})$	349184
12	$\mathcal{O}(0; \{12^4, 6^7, 4^6, 3^3, 2^2\})$	2796544
12	$\mathcal{O}(0; \{12^4, 6^7, 4^8, 2^3\})$	1396736
12	$\mathcal{O}(0; \{12^4, 6^7, 4^{10}\})$	5586944

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^8, 3, 2^{12}\})$	21840
12	$\mathcal{O}(0; \{12^4, 6^8, 3^4, 2^8\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^8, 3^7, 2^4\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^8, 3^{10}\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^8, 4^2, 3, 2^9\})$	87360
12	$\mathcal{O}(0; \{12^4, 6^8, 4^2, 3^4, 2^5\})$	699072
12	$\mathcal{O}(0; \{12^4, 6^8, 4^2, 3^7, 2\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^8, 4^4, 3, 2^6\})$	349440
12	$\mathcal{O}(0; \{12^4, 6^8, 4^4, 3^4, 2^2\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6^8, 4^6, 3, 2^3\})$	1397760
12	$\mathcal{O}(0; \{12^4, 6^8, 4^8, 3\})$	5591040
12	$\mathcal{O}(0; \{12^4, 6^9, 3^2, 2^9\})$	87376
12	$\mathcal{O}(0; \{12^4, 6^9, 3^5, 2^5\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^9, 3^8, 2\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^9, 4^2, 3^2, 2^6\})$	349504
12	$\mathcal{O}(0; \{12^4, 6^9, 4^2, 3^5, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^9, 4^4, 3^2, 2^3\})$	1398016
12	$\mathcal{O}(0; \{12^4, 6^9, 4^6, 3^2\})$	5592064
12	$\mathcal{O}(0; \{12^4, 6^{10}, 2^{10}\})$	43696
12	$\mathcal{O}(0; \{12^4, 6^{10}, 3^3, 2^6\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^{10}, 3^6, 2^2\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^2, 2^7\})$	174784
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^2, 3^3, 2^3\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^4, 2^4\})$	699136
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^4, 3^3\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^6, 2\})$	2796544
12	$\mathcal{O}(0; \{12^4, 6^{11}, 3, 2^7\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^{11}, 3^4, 2^3\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^2, 3, 2^4\})$	699072
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^2, 3^4\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^4, 3, 2\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6^{12}, 3^2, 2^4\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^{12}, 3^5\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^{12}, 4^2, 3^2, 2\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^{13}, 2^5\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^{13}, 3^3, 2\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^{13}, 4^2, 2^2\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^{14}, 3, 2^2\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^{16}\})$	2796208
12	$\mathcal{O}(0; \{12^5, 4, 3, 2^{22}\})$	704
12	$\mathcal{O}(0; \{12^5, 4, 3^4, 2^{18}\})$	5440
12	$\mathcal{O}(0; \{12^5, 4, 3^7, 2^{14}\})$	43712
12	$\mathcal{O}(0; \{12^5, 4, 3^{10}, 2^{10}\})$	349504

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 4, 3^{13}, 2^6\})$	2796224
12	$\mathcal{O}(0; \{12^5, 4, 3^{16}, 2^2\})$	22369600
12	$\mathcal{O}(0; \{12^5, 4^3, 3, 2^{19}\})$	2816
12	$\mathcal{O}(0; \{12^5, 4^3, 3^4, 2^{15}\})$	21760
12	$\mathcal{O}(0; \{12^5, 4^3, 3^7, 2^{11}\})$	174848
12	$\mathcal{O}(0; \{12^5, 4^3, 3^{10}, 2^7\})$	1398016
12	$\mathcal{O}(0; \{12^5, 4^3, 3^{13}, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^5, 4^5, 3, 2^{16}\})$	11264
12	$\mathcal{O}(0; \{12^5, 4^5, 3^4, 2^{12}\})$	87040
12	$\mathcal{O}(0; \{12^5, 4^5, 3^7, 2^8\})$	699392
12	$\mathcal{O}(0; \{12^5, 4^5, 3^{10}, 2^4\})$	5592064
12	$\mathcal{O}(0; \{12^5, 4^5, 3^{13}\})$	44739584
12	$\mathcal{O}(0; \{12^5, 4^7, 3, 2^{13}\})$	45056
12	$\mathcal{O}(0; \{12^5, 4^7, 3^4, 2^9\})$	348160
12	$\mathcal{O}(0; \{12^5, 4^7, 3^7, 2^5\})$	2797568
12	$\mathcal{O}(0; \{12^5, 4^7, 3^{10}, 2\})$	22368256
12	$\mathcal{O}(0; \{12^5, 4^9, 3, 2^{10}\})$	180224
12	$\mathcal{O}(0; \{12^5, 4^9, 3^4, 2^6\})$	1392640
12	$\mathcal{O}(0; \{12^5, 4^9, 3^7, 2^2\})$	11190272
12	$\mathcal{O}(0; \{12^5, 4^{11}, 3, 2^7\})$	720896
12	$\mathcal{O}(0; \{12^5, 4^{11}, 3^4, 2^3\})$	5570560
12	$\mathcal{O}(0; \{12^5, 4^{13}, 3, 2^4\})$	2883584
12	$\mathcal{O}(0; \{12^5, 4^{13}, 3^4\})$	22282240
12	$\mathcal{O}(0; \{12^5, 4^{15}, 3, 2\})$	11534336
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^2, 2^{19}\})$	2752
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^5, 2^{15}\})$	21824
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^8, 2^{11}\})$	174784
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^{11}, 2^7\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^{14}, 2^3\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^2, 2^{16}\})$	11008
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^5, 2^{12}\})$	87296
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^8, 2^8\})$	699136
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^{11}, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^{14}\})$	44739328
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^2, 2^{13}\})$	44032
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^5, 2^9\})$	349184
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^8, 2^5\})$	2796544
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^{11}, 2\})$	22369280
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 3^2, 2^{10}\})$	176128
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 3^5, 2^6\})$	1396736
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 3^8, 2^2\})$	11186176
12	$\mathcal{O}(0; \{12^5, 6, 4^9, 3^2, 2^7\})$	704512
12	$\mathcal{O}(0; \{12^5, 6, 4^9, 3^5, 2^3\})$	5586944

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6, 4^{11}, 3^2, 2^4\})$	2818048
12	$\mathcal{O}(0; \{12^5, 6, 4^{11}, 3^5\})$	22347776
12	$\mathcal{O}(0; \{12^5, 6, 4^{13}, 3^2, 2\})$	11272192
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 2^{20}\})$	1344
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^3, 2^{16}\})$	10944
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^6, 2^{12}\})$	87360
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^9, 2^8\})$	699072
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^{12}, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^{15}\})$	44739264
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 2^{17}\})$	5376
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^3, 2^{13}\})$	43776
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^6, 2^9\})$	349440
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^9, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^{12}, 2\})$	22369536
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 2^{14}\})$	21504
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3^3, 2^{10}\})$	175104
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3^6, 2^6\})$	1397760
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3^9, 2^2\})$	11185152
12	$\mathcal{O}(0; \{12^5, 6^2, 4^7, 2^{11}\})$	86016
12	$\mathcal{O}(0; \{12^5, 6^2, 4^7, 3^3, 2^7\})$	700416
12	$\mathcal{O}(0; \{12^5, 6^2, 4^7, 3^6, 2^3\})$	5591040
12	$\mathcal{O}(0; \{12^5, 6^2, 4^9, 2^8\})$	344064
12	$\mathcal{O}(0; \{12^5, 6^2, 4^9, 3^3, 2^4\})$	2801664
12	$\mathcal{O}(0; \{12^5, 6^2, 4^9, 3^6\})$	22364160
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{11}, 2^5\})$	1376256
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{11}, 3^3, 2\})$	11206656
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{13}, 2^2\})$	5505024
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3, 2^{17}\})$	5440
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^4, 2^{13}\})$	43712
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^7, 2^9\})$	349504
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^{10}, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^{13}, 2\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3, 2^{14}\})$	21760
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^4, 2^{10}\})$	174848
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^7, 2^6\})$	1398016
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^{10}, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 3, 2^{11}\})$	87040
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 3^4, 2^7\})$	699392
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 3^7, 2^3\})$	5592064
12	$\mathcal{O}(0; \{12^5, 6^3, 4^7, 3, 2^8\})$	348160
12	$\mathcal{O}(0; \{12^5, 6^3, 4^7, 3^4, 2^4\})$	2797568
12	$\mathcal{O}(0; \{12^5, 6^3, 4^7, 3^7\})$	22368256
12	$\mathcal{O}(0; \{12^5, 6^3, 4^9, 3, 2^5\})$	1392640

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6^3, 4^9, 3^4, 2\})$	11190272
12	$\mathcal{O}(0; \{12^5, 6^3, 4^{11}, 3, 2^2\})$	5570560
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^2, 2^{14}\})$	21824
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^5, 2^{10}\})$	174784
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^8, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^{11}, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3^2, 2^{11}\})$	87296
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3^5, 2^7\})$	699136
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3^8, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^4, 4^5, 3^2, 2^8\})$	349184
12	$\mathcal{O}(0; \{12^5, 6^4, 4^5, 3^5, 2^4\})$	2796544
12	$\mathcal{O}(0; \{12^5, 6^4, 4^5, 3^8\})$	22369280
12	$\mathcal{O}(0; \{12^5, 6^4, 4^7, 3^2, 2^5\})$	1396736
12	$\mathcal{O}(0; \{12^5, 6^4, 4^7, 3^5, 2\})$	11186176
12	$\mathcal{O}(0; \{12^5, 6^4, 4^9, 3^2, 2^2\})$	5586944
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 2^{15}\})$	10944
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^3, 2^{11}\})$	87360
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^6, 2^7\})$	699072
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^9, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 2^{12}\})$	43776
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 3^3, 2^8\})$	349440
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 3^6, 2^4\})$	2796288
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 3^9\})$	22369536
12	$\mathcal{O}(0; \{12^5, 6^5, 4^5, 2^9\})$	175104
12	$\mathcal{O}(0; \{12^5, 6^5, 4^5, 3^3, 2^5\})$	1397760
12	$\mathcal{O}(0; \{12^5, 6^5, 4^5, 3^6, 2\})$	11185152
12	$\mathcal{O}(0; \{12^5, 6^5, 4^7, 2^6\})$	700416
12	$\mathcal{O}(0; \{12^5, 6^5, 4^7, 3^3, 2^2\})$	5591040
12	$\mathcal{O}(0; \{12^5, 6^5, 4^9, 2^3\})$	2801664
12	$\mathcal{O}(0; \{12^5, 6^5, 4^{11}\})$	11206656
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3, 2^{12}\})$	43712
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3^4, 2^8\})$	349504
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3^7, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3^{10}\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6^6, 4^3, 3, 2^9\})$	174848
12	$\mathcal{O}(0; \{12^5, 6^6, 4^3, 3^4, 2^5\})$	1398016
12	$\mathcal{O}(0; \{12^5, 6^6, 4^3, 3^7, 2\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^6, 4^5, 3, 2^6\})$	699392
12	$\mathcal{O}(0; \{12^5, 6^6, 4^5, 3^4, 2^2\})$	5592064
12	$\mathcal{O}(0; \{12^5, 6^6, 4^7, 3, 2^3\})$	2797568
12	$\mathcal{O}(0; \{12^5, 6^6, 4^9, 3\})$	11190272
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 3^2, 2^9\})$	174784
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 3^5, 2^5\})$	1398080

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 3^8, 2\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^7, 4^3, 3^2, 2^6\})$	699136
12	$\mathcal{O}(0; \{12^5, 6^7, 4^3, 3^5, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^7, 4^5, 3^2, 2^3\})$	2796544
12	$\mathcal{O}(0; \{12^5, 6^7, 4^7, 3^2\})$	11186176
12	$\mathcal{O}(0; \{12^5, 6^8, 4, 2^{10}\})$	87360
12	$\mathcal{O}(0; \{12^5, 6^8, 4, 3^3, 2^6\})$	699072
12	$\mathcal{O}(0; \{12^5, 6^8, 4, 3^6, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^8, 4^3, 2^7\})$	349440
12	$\mathcal{O}(0; \{12^5, 6^8, 4^3, 3^3, 2^3\})$	2796288
12	$\mathcal{O}(0; \{12^5, 6^8, 4^5, 2^4\})$	1397760
12	$\mathcal{O}(0; \{12^5, 6^8, 4^5, 3^3\})$	11185152
12	$\mathcal{O}(0; \{12^5, 6^8, 4^7, 2\})$	5591040
12	$\mathcal{O}(0; \{12^5, 6^9, 4, 3, 2^7\})$	349504
12	$\mathcal{O}(0; \{12^5, 6^9, 4, 3^4, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^9, 4^3, 3, 2^4\})$	1398016
12	$\mathcal{O}(0; \{12^5, 6^9, 4^3, 3^4\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^9, 4^5, 3, 2\})$	5592064
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4, 3^2, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4, 3^5\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4^3, 3^2, 2\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4, 2^5\})$	699072
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4, 3^3, 2\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4^3, 2^2\})$	2796288
12	$\mathcal{O}(0; \{12^5, 6^{12}, 4, 3, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^{14}, 4\})$	5592384
12	$\mathcal{O}(0; \{12^6, 2^{23}\})$	704
12	$\mathcal{O}(0; \{12^6, 3^3, 2^{19}\})$	5440
12	$\mathcal{O}(0; \{12^6, 3^6, 2^{15}\})$	43712
12	$\mathcal{O}(0; \{12^6, 3^9, 2^{11}\})$	349504
12	$\mathcal{O}(0; \{12^6, 3^{12}, 2^7\})$	2796224
12	$\mathcal{O}(0; \{12^6, 3^{15}, 2^3\})$	22369600
12	$\mathcal{O}(0; \{12^6, 4^2, 2^{20}\})$	2816
12	$\mathcal{O}(0; \{12^6, 4^2, 3^3, 2^{16}\})$	21760
12	$\mathcal{O}(0; \{12^6, 4^2, 3^6, 2^{12}\})$	174848
12	$\mathcal{O}(0; \{12^6, 4^2, 3^9, 2^8\})$	1398016
12	$\mathcal{O}(0; \{12^6, 4^2, 3^{12}, 2^4\})$	11184896
12	$\mathcal{O}(0; \{12^6, 4^2, 3^{15}\})$	89478400
12	$\mathcal{O}(0; \{12^6, 4^4, 2^{17}\})$	11264
12	$\mathcal{O}(0; \{12^6, 4^4, 3^3, 2^{13}\})$	87040
12	$\mathcal{O}(0; \{12^6, 4^4, 3^6, 2^9\})$	699392
12	$\mathcal{O}(0; \{12^6, 4^4, 3^9, 2^5\})$	5592064
12	$\mathcal{O}(0; \{12^6, 4^4, 3^{12}, 2\})$	44739584

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 4^6, 2^{14}\})$	45056
12	$\mathcal{O}(0; \{12^6, 4^6, 3^3, 2^{10}\})$	348160
12	$\mathcal{O}(0; \{12^6, 4^6, 3^6, 2^6\})$	2797568
12	$\mathcal{O}(0; \{12^6, 4^6, 3^9, 2^2\})$	22368256
12	$\mathcal{O}(0; \{12^6, 4^8, 2^{11}\})$	180224
12	$\mathcal{O}(0; \{12^6, 4^8, 3^3, 2^7\})$	1392640
12	$\mathcal{O}(0; \{12^6, 4^8, 3^6, 2^3\})$	11190272
12	$\mathcal{O}(0; \{12^6, 4^{10}, 2^8\})$	720896
12	$\mathcal{O}(0; \{12^6, 4^{10}, 3^3, 2^4\})$	5570560
12	$\mathcal{O}(0; \{12^6, 4^{10}, 3^6\})$	44761088
12	$\mathcal{O}(0; \{12^6, 4^{12}, 2^5\})$	2883584
12	$\mathcal{O}(0; \{12^6, 4^{12}, 3^3, 2\})$	22282240
12	$\mathcal{O}(0; \{12^6, 4^{14}, 2^2\})$	11534336
12	$\mathcal{O}(0; \{12^6, 6, 3, 2^{20}\})$	2752
12	$\mathcal{O}(0; \{12^6, 6, 3^4, 2^{16}\})$	21824
12	$\mathcal{O}(0; \{12^6, 6, 3^7, 2^{12}\})$	174784
12	$\mathcal{O}(0; \{12^6, 6, 3^{10}, 2^8\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6, 3^{13}, 2^4\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6, 3^{16}\})$	89478464
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3, 2^{17}\})$	11008
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^4, 2^{13}\})$	87296
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^7, 2^9\})$	699136
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^{10}, 2^5\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^{13}, 2\})$	44739328
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3, 2^{14}\})$	44032
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^4, 2^{10}\})$	349184
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^7, 2^6\})$	2796544
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^{10}, 2^2\})$	22369280
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 3, 2^{11}\})$	176128
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 3^4, 2^7\})$	1396736
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 3^7, 2^3\})$	11186176
12	$\mathcal{O}(0; \{12^6, 6, 4^8, 3, 2^8\})$	704512
12	$\mathcal{O}(0; \{12^6, 6, 4^8, 3^4, 2^4\})$	5586944
12	$\mathcal{O}(0; \{12^6, 6, 4^8, 3^7\})$	44744704
12	$\mathcal{O}(0; \{12^6, 6, 4^{10}, 3, 2^5\})$	2818048
12	$\mathcal{O}(0; \{12^6, 6, 4^{10}, 3^4, 2\})$	22347776
12	$\mathcal{O}(0; \{12^6, 6, 4^{12}, 3, 2^2\})$	11272192
12	$\mathcal{O}(0; \{12^6, 6^2, 3^2, 2^{17}\})$	10944
12	$\mathcal{O}(0; \{12^6, 6^2, 3^5, 2^{13}\})$	87360
12	$\mathcal{O}(0; \{12^6, 6^2, 3^8, 2^9\})$	699072
12	$\mathcal{O}(0; \{12^6, 6^2, 3^{11}, 2^5\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^2, 3^{14}, 2\})$	44739264
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^2, 2^{14}\})$	43776

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^5, 2^{10}\})$	349440
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^8, 2^6\})$	2796288
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^{11}, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3^2, 2^{11}\})$	175104
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3^5, 2^7\})$	1397760
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3^8, 2^3\})$	11185152
12	$\mathcal{O}(0; \{12^6, 6^2, 4^6, 3^2, 2^8\})$	700416
12	$\mathcal{O}(0; \{12^6, 6^2, 4^6, 3^5, 2^4\})$	5591040
12	$\mathcal{O}(0; \{12^6, 6^2, 4^6, 3^8\})$	44740608
12	$\mathcal{O}(0; \{12^6, 6^2, 4^8, 3^2, 2^5\})$	2801664
12	$\mathcal{O}(0; \{12^6, 6^2, 4^8, 3^5, 2\})$	22364160
12	$\mathcal{O}(0; \{12^6, 6^2, 4^{10}, 3^2, 2^2\})$	11206656
12	$\mathcal{O}(0; \{12^6, 6^3, 2^{18}\})$	5440
12	$\mathcal{O}(0; \{12^6, 6^3, 3^3, 2^{14}\})$	43712
12	$\mathcal{O}(0; \{12^6, 6^3, 3^6, 2^{10}\})$	349504
12	$\mathcal{O}(0; \{12^6, 6^3, 3^9, 2^6\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^3, 3^{12}, 2^2\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 2^{15}\})$	21760
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^3, 2^{11}\})$	174848
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^6, 2^7\})$	1398016
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^9, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 2^{12}\})$	87040
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 3^3, 2^8\})$	699392
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 3^6, 2^4\})$	5592064
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 3^9\})$	44739584
12	$\mathcal{O}(0; \{12^6, 6^3, 4^6, 2^9\})$	348160
12	$\mathcal{O}(0; \{12^6, 6^3, 4^6, 3^3, 2^5\})$	2797568
12	$\mathcal{O}(0; \{12^6, 6^3, 4^6, 3^6, 2\})$	22368256
12	$\mathcal{O}(0; \{12^6, 6^3, 4^8, 2^6\})$	1392640
12	$\mathcal{O}(0; \{12^6, 6^3, 4^8, 3^3, 2^2\})$	11190272
12	$\mathcal{O}(0; \{12^6, 6^3, 4^{10}, 2^3\})$	5570560
12	$\mathcal{O}(0; \{12^6, 6^3, 4^{12}\})$	22282240
12	$\mathcal{O}(0; \{12^6, 6^4, 3, 2^{15}\})$	21824
12	$\mathcal{O}(0; \{12^6, 6^4, 3^4, 2^{11}\})$	174784
12	$\mathcal{O}(0; \{12^6, 6^4, 3^7, 2^7\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6^4, 3^{10}, 2^3\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3, 2^{12}\})$	87296
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3^4, 2^8\})$	699136
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3^7, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3^{10}\})$	44739328
12	$\mathcal{O}(0; \{12^6, 6^4, 4^4, 3, 2^9\})$	349184
12	$\mathcal{O}(0; \{12^6, 6^4, 4^4, 3^4, 2^5\})$	2796544
12	$\mathcal{O}(0; \{12^6, 6^4, 4^4, 3^7, 2\})$	22369280

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6^4, 4^6, 3, 2^6\})$	1396736
12	$\mathcal{O}(0; \{12^6, 6^4, 4^6, 3^4, 2^2\})$	11186176
12	$\mathcal{O}(0; \{12^6, 6^4, 4^8, 3, 2^3\})$	5586944
12	$\mathcal{O}(0; \{12^6, 6^4, 4^{10}, 3\})$	22347776
12	$\mathcal{O}(0; \{12^6, 6^5, 3^2, 2^{12}\})$	87360
12	$\mathcal{O}(0; \{12^6, 6^5, 3^5, 2^8\})$	699072
12	$\mathcal{O}(0; \{12^6, 6^5, 3^8, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^5, 3^{11}\})$	44739264
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 3^2, 2^9\})$	349440
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 3^5, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 3^8, 2\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^5, 4^4, 3^2, 2^6\})$	1397760
12	$\mathcal{O}(0; \{12^6, 6^5, 4^4, 3^5, 2^2\})$	11185152
12	$\mathcal{O}(0; \{12^6, 6^5, 4^6, 3^2, 2^3\})$	5591040
12	$\mathcal{O}(0; \{12^6, 6^5, 4^8, 3^2\})$	22364160
12	$\mathcal{O}(0; \{12^6, 6^6, 2^{13}\})$	43712
12	$\mathcal{O}(0; \{12^6, 6^6, 3^3, 2^9\})$	349504
12	$\mathcal{O}(0; \{12^6, 6^6, 3^6, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^6, 3^9, 2\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^6, 4^2, 2^{10}\})$	174848
12	$\mathcal{O}(0; \{12^6, 6^6, 4^2, 3^3, 2^6\})$	1398016
12	$\mathcal{O}(0; \{12^6, 6^6, 4^2, 3^6, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^6, 4^4, 2^7\})$	699392
12	$\mathcal{O}(0; \{12^6, 6^6, 4^4, 3^3, 2^3\})$	5592064
12	$\mathcal{O}(0; \{12^6, 6^6, 4^6, 2^4\})$	2797568
12	$\mathcal{O}(0; \{12^6, 6^6, 4^6, 3^3\})$	22368256
12	$\mathcal{O}(0; \{12^6, 6^6, 4^8, 2\})$	11190272
12	$\mathcal{O}(0; \{12^6, 6^7, 3, 2^{10}\})$	174784
12	$\mathcal{O}(0; \{12^6, 6^7, 3^4, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6^7, 3^7, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^7, 4^2, 3, 2^7\})$	699136
12	$\mathcal{O}(0; \{12^6, 6^7, 4^2, 3^4, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6^7, 4^4, 3, 2^4\})$	2796544
12	$\mathcal{O}(0; \{12^6, 6^7, 4^4, 3^4\})$	22369280
12	$\mathcal{O}(0; \{12^6, 6^7, 4^6, 3, 2\})$	11186176
12	$\mathcal{O}(0; \{12^6, 6^8, 3^2, 2^7\})$	699072
12	$\mathcal{O}(0; \{12^6, 6^8, 3^5, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^8, 4^2, 3^2, 2^4\})$	2796288
12	$\mathcal{O}(0; \{12^6, 6^8, 4^2, 3^5\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^8, 4^4, 3^2, 2\})$	11185152
12	$\mathcal{O}(0; \{12^6, 6^9, 2^8\})$	349504
12	$\mathcal{O}(0; \{12^6, 6^9, 3^3, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^9, 3^6\})$	22369600

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6^9, 4^2, 2^5\})$	1398016
12	$\mathcal{O}(0; \{12^6, 6^9, 4^2, 3^3, 2\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^9, 4^4, 2^2\})$	5592064
12	$\mathcal{O}(0; \{12^6, 6^{10}, 3, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6^{10}, 3^4, 2\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^{10}, 4^2, 3, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6^{11}, 3^2, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^{12}, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^{12}, 4^2\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^{13}, 3\})$	11184832
12	$\mathcal{O}(0; \{12^7, 4, 3^2, 2^{17}\})$	21760
12	$\mathcal{O}(0; \{12^7, 4, 3^5, 2^{13}\})$	174848
12	$\mathcal{O}(0; \{12^7, 4, 3^8, 2^9\})$	1398016
12	$\mathcal{O}(0; \{12^7, 4, 3^{11}, 2^5\})$	11184896
12	$\mathcal{O}(0; \{12^7, 4, 3^{14}, 2\})$	89478400
12	$\mathcal{O}(0; \{12^7, 4^3, 3^2, 2^{14}\})$	87040
12	$\mathcal{O}(0; \{12^7, 4^3, 3^5, 2^{10}\})$	699392
12	$\mathcal{O}(0; \{12^7, 4^3, 3^8, 2^6\})$	5592064
12	$\mathcal{O}(0; \{12^7, 4^3, 3^{11}, 2^2\})$	44739584
12	$\mathcal{O}(0; \{12^7, 4^5, 3^2, 2^{11}\})$	348160
12	$\mathcal{O}(0; \{12^7, 4^5, 3^5, 2^7\})$	2797568
12	$\mathcal{O}(0; \{12^7, 4^5, 3^8, 2^3\})$	22368256
12	$\mathcal{O}(0; \{12^7, 4^7, 3^2, 2^8\})$	1392640
12	$\mathcal{O}(0; \{12^7, 4^7, 3^5, 2^4\})$	11190272
12	$\mathcal{O}(0; \{12^7, 4^7, 3^8\})$	89473024
12	$\mathcal{O}(0; \{12^7, 4^9, 3^2, 2^5\})$	5570560
12	$\mathcal{O}(0; \{12^7, 4^9, 3^5, 2\})$	44761088
12	$\mathcal{O}(0; \{12^7, 4^{11}, 3^2, 2^2\})$	22282240
12	$\mathcal{O}(0; \{12^7, 6, 4, 2^{18}\})$	11008
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^3, 2^{14}\})$	87296
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^6, 2^{10}\})$	699136
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^9, 2^6\})$	5592320
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^{12}, 2^2\})$	44739328
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 2^{15}\})$	44032
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^3, 2^{11}\})$	349184
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^6, 2^7\})$	2796544
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^9, 2^3\})$	22369280
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 2^{12}\})$	176128
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 3^3, 2^8\})$	1396736
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 3^6, 2^4\})$	11186176
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 3^9\})$	89477120
12	$\mathcal{O}(0; \{12^7, 6, 4^7, 2^9\})$	704512
12	$\mathcal{O}(0; \{12^7, 6, 4^7, 3^3, 2^5\})$	5586944

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^7, 6, 4^7, 3^6, 2\})$	44744704
12	$\mathcal{O}(0; \{12^7, 6, 4^9, 2^6\})$	2818048
12	$\mathcal{O}(0; \{12^7, 6, 4^9, 3^3, 2^2\})$	22347776
12	$\mathcal{O}(0; \{12^7, 6, 4^{11}, 2^3\})$	11272192
12	$\mathcal{O}(0; \{12^7, 6, 4^{13}\})$	45088768
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3, 2^{15}\})$	43776
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^4, 2^{11}\})$	349440
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^7, 2^7\})$	2796288
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^{10}, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3, 2^{12}\})$	175104
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3^4, 2^8\})$	1397760
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3^7, 2^4\})$	11185152
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3^{10}\})$	89478144
12	$\mathcal{O}(0; \{12^7, 6^2, 4^5, 3, 2^9\})$	700416
12	$\mathcal{O}(0; \{12^7, 6^2, 4^5, 3^4, 2^5\})$	5591040
12	$\mathcal{O}(0; \{12^7, 6^2, 4^5, 3^7, 2\})$	44740608
12	$\mathcal{O}(0; \{12^7, 6^2, 4^7, 3, 2^6\})$	2801664
12	$\mathcal{O}(0; \{12^7, 6^2, 4^7, 3^4, 2^2\})$	22364160
12	$\mathcal{O}(0; \{12^7, 6^2, 4^9, 3, 2^3\})$	11206656
12	$\mathcal{O}(0; \{12^7, 6^2, 4^{11}, 3\})$	44826624
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^2, 2^{12}\})$	174848
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^5, 2^8\})$	1398016
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^8, 2^4\})$	11184896
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^{11}\})$	89478400
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 3^2, 2^9\})$	699392
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 3^5, 2^5\})$	5592064
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 3^8, 2\})$	44739584
12	$\mathcal{O}(0; \{12^7, 6^3, 4^5, 3^2, 2^6\})$	2797568
12	$\mathcal{O}(0; \{12^7, 6^3, 4^5, 3^5, 2^2\})$	22368256
12	$\mathcal{O}(0; \{12^7, 6^3, 4^7, 3^2, 2^3\})$	11190272
12	$\mathcal{O}(0; \{12^7, 6^3, 4^9, 3^2\})$	44761088
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 2^{13}\})$	87296
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3^3, 2^9\})$	699136
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3^6, 2^5\})$	5592320
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3^9, 2\})$	44739328
12	$\mathcal{O}(0; \{12^7, 6^4, 4^3, 2^{10}\})$	349184
12	$\mathcal{O}(0; \{12^7, 6^4, 4^3, 3^3, 2^6\})$	2796544
12	$\mathcal{O}(0; \{12^7, 6^4, 4^3, 3^6, 2^2\})$	22369280
12	$\mathcal{O}(0; \{12^7, 6^4, 4^5, 2^7\})$	1396736
12	$\mathcal{O}(0; \{12^7, 6^4, 4^5, 3^3, 2^3\})$	11186176
12	$\mathcal{O}(0; \{12^7, 6^4, 4^7, 2^4\})$	5586944
12	$\mathcal{O}(0; \{12^7, 6^4, 4^7, 3^3\})$	44744704
12	$\mathcal{O}(0; \{12^7, 6^4, 4^9, 2\})$	22347776

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^7, 6^5, 4, 3, 2^{10}\})$	349440
12	$\mathcal{O}(0; \{12^7, 6^5, 4, 3^4, 2^6\})$	2796288
12	$\mathcal{O}(0; \{12^7, 6^5, 4, 3^7, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^7, 6^5, 4^3, 3, 2^7\})$	1397760
12	$\mathcal{O}(0; \{12^7, 6^5, 4^3, 3^4, 2^3\})$	11185152
12	$\mathcal{O}(0; \{12^7, 6^5, 4^5, 3, 2^4\})$	5591040
12	$\mathcal{O}(0; \{12^7, 6^5, 4^5, 3^4\})$	44740608
12	$\mathcal{O}(0; \{12^7, 6^5, 4^7, 3, 2\})$	22364160
12	$\mathcal{O}(0; \{12^7, 6^6, 4, 3^2, 2^7\})$	1398016
12	$\mathcal{O}(0; \{12^7, 6^6, 4, 3^5, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^7, 6^6, 4^3, 3^2, 2^4\})$	5592064
12	$\mathcal{O}(0; \{12^7, 6^6, 4^3, 3^5\})$	44739584
12	$\mathcal{O}(0; \{12^7, 6^6, 4^5, 3^2, 2\})$	22368256
12	$\mathcal{O}(0; \{12^7, 6^7, 4, 2^8\})$	699136
12	$\mathcal{O}(0; \{12^7, 6^7, 4, 3^3, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^7, 6^7, 4, 3^6\})$	44739328
12	$\mathcal{O}(0; \{12^7, 6^7, 4^3, 2^5\})$	2796544
12	$\mathcal{O}(0; \{12^7, 6^7, 4^3, 3^3, 2\})$	22369280
12	$\mathcal{O}(0; \{12^7, 6^7, 4^5, 2^2\})$	11186176
12	$\mathcal{O}(0; \{12^7, 6^8, 4, 3, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12^7, 6^8, 4, 3^4, 2\})$	22369536
12	$\mathcal{O}(0; \{12^7, 6^8, 4^3, 3, 2^2\})$	11185152
12	$\mathcal{O}(0; \{12^7, 6^9, 4, 3^2, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^7, 6^{10}, 4, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^7, 6^{10}, 4^3\})$	22369280
12	$\mathcal{O}(0; \{12^7, 6^{11}, 4, 3\})$	22369536
12	$\mathcal{O}(0; \{12^8, 3, 2^{18}\})$	21760
12	$\mathcal{O}(0; \{12^8, 3^4, 2^{14}\})$	174848
12	$\mathcal{O}(0; \{12^8, 3^7, 2^{10}\})$	1398016
12	$\mathcal{O}(0; \{12^8, 3^{10}, 2^6\})$	11184896
12	$\mathcal{O}(0; \{12^8, 3^{13}, 2^2\})$	89478400
12	$\mathcal{O}(0; \{12^8, 4^2, 3, 2^{15}\})$	87040
12	$\mathcal{O}(0; \{12^8, 4^2, 3^4, 2^{11}\})$	699392
12	$\mathcal{O}(0; \{12^8, 4^2, 3^7, 2^7\})$	5592064
12	$\mathcal{O}(0; \{12^8, 4^2, 3^{10}, 2^3\})$	44739584
12	$\mathcal{O}(0; \{12^8, 4^4, 3, 2^{12}\})$	348160
12	$\mathcal{O}(0; \{12^8, 4^4, 3^4, 2^8\})$	2797568
12	$\mathcal{O}(0; \{12^8, 4^4, 3^7, 2^4\})$	22368256
12	$\mathcal{O}(0; \{12^8, 4^4, 3^{10}\})$	178958336
12	$\mathcal{O}(0; \{12^8, 4^6, 3, 2^9\})$	1392640
12	$\mathcal{O}(0; \{12^8, 4^6, 3^4, 2^5\})$	11190272
12	$\mathcal{O}(0; \{12^8, 4^6, 3^7, 2\})$	89473024
12	$\mathcal{O}(0; \{12^8, 4^8, 3, 2^6\})$	5570560

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^8, 4^8, 3^4, 2^2\})$	44761088
12	$\mathcal{O}(0; \{12^8, 4^{10}, 3, 2^3\})$	22282240
12	$\mathcal{O}(0; \{12^8, 4^{12}, 3\})$	89128960
12	$\mathcal{O}(0; \{12^8, 6, 3^2, 2^{15}\})$	87296
12	$\mathcal{O}(0; \{12^8, 6, 3^5, 2^{11}\})$	699136
12	$\mathcal{O}(0; \{12^8, 6, 3^8, 2^7\})$	5592320
12	$\mathcal{O}(0; \{12^8, 6, 3^{11}, 2^3\})$	44739328
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^2, 2^{12}\})$	349184
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^5, 2^8\})$	2796544
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^8, 2^4\})$	22369280
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^{11}\})$	178957312
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 3^2, 2^9\})$	1396736
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 3^5, 2^5\})$	11186176
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 3^8, 2\})$	89477120
12	$\mathcal{O}(0; \{12^8, 6, 4^6, 3^2, 2^6\})$	5586944
12	$\mathcal{O}(0; \{12^8, 6, 4^6, 3^5, 2^2\})$	44744704
12	$\mathcal{O}(0; \{12^8, 6, 4^8, 3^2, 2^3\})$	22347776
12	$\mathcal{O}(0; \{12^8, 6, 4^{10}, 3^2\})$	89391104
12	$\mathcal{O}(0; \{12^8, 6^2, 2^{16}\})$	43776
12	$\mathcal{O}(0; \{12^8, 6^2, 3^3, 2^{12}\})$	349440
12	$\mathcal{O}(0; \{12^8, 6^2, 3^6, 2^8\})$	2796288
12	$\mathcal{O}(0; \{12^8, 6^2, 3^9, 2^4\})$	22369536
12	$\mathcal{O}(0; \{12^8, 6^2, 3^{12}\})$	178957056
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 2^{13}\})$	175104
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3^3, 2^9\})$	1397760
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3^6, 2^5\})$	11185152
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3^9, 2\})$	89478144
12	$\mathcal{O}(0; \{12^8, 6^2, 4^4, 2^{10}\})$	700416
12	$\mathcal{O}(0; \{12^8, 6^2, 4^4, 3^3, 2^6\})$	5591040
12	$\mathcal{O}(0; \{12^8, 6^2, 4^4, 3^6, 2^2\})$	44740608
12	$\mathcal{O}(0; \{12^8, 6^2, 4^6, 2^7\})$	2801664
12	$\mathcal{O}(0; \{12^8, 6^2, 4^6, 3^3, 2^3\})$	22364160
12	$\mathcal{O}(0; \{12^8, 6^2, 4^8, 2^4\})$	11206656
12	$\mathcal{O}(0; \{12^8, 6^2, 4^8, 3^3\})$	89456640
12	$\mathcal{O}(0; \{12^8, 6^2, 4^{10}, 2\})$	44826624
12	$\mathcal{O}(0; \{12^8, 6^3, 3, 2^{13}\})$	174848
12	$\mathcal{O}(0; \{12^8, 6^3, 3^4, 2^9\})$	1398016
12	$\mathcal{O}(0; \{12^8, 6^3, 3^7, 2^5\})$	11184896
12	$\mathcal{O}(0; \{12^8, 6^3, 3^{10}, 2\})$	89478400
12	$\mathcal{O}(0; \{12^8, 6^3, 4^2, 3, 2^{10}\})$	699392
12	$\mathcal{O}(0; \{12^8, 6^3, 4^2, 3^4, 2^6\})$	5592064
12	$\mathcal{O}(0; \{12^8, 6^3, 4^2, 3^7, 2^2\})$	44739584
12	$\mathcal{O}(0; \{12^8, 6^3, 4^4, 3, 2^7\})$	2797568

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^8, 6^3, 4^4, 3^4, 2^3\})$	22368256
12	$\mathcal{O}(0; \{12^8, 6^3, 4^6, 3, 2^4\})$	11190272
12	$\mathcal{O}(0; \{12^8, 6^3, 4^6, 3^4\})$	89473024
12	$\mathcal{O}(0; \{12^8, 6^3, 4^8, 3, 2\})$	44761088
12	$\mathcal{O}(0; \{12^8, 6^4, 3^2, 2^{10}\})$	699136
12	$\mathcal{O}(0; \{12^8, 6^4, 3^5, 2^6\})$	5592320
12	$\mathcal{O}(0; \{12^8, 6^4, 3^8, 2^2\})$	44739328
12	$\mathcal{O}(0; \{12^8, 6^4, 4^2, 3^2, 2^7\})$	2796544
12	$\mathcal{O}(0; \{12^8, 6^4, 4^2, 3^5, 2^3\})$	22369280
12	$\mathcal{O}(0; \{12^8, 6^4, 4^4, 3^2, 2^4\})$	11186176
12	$\mathcal{O}(0; \{12^8, 6^4, 4^4, 3^5\})$	89477120
12	$\mathcal{O}(0; \{12^8, 6^4, 4^6, 3^2, 2\})$	44744704
12	$\mathcal{O}(0; \{12^8, 6^5, 2^{11}\})$	349440
12	$\mathcal{O}(0; \{12^8, 6^5, 3^3, 2^7\})$	2796288
12	$\mathcal{O}(0; \{12^8, 6^5, 3^6, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^8, 6^5, 4^2, 2^8\})$	1397760
12	$\mathcal{O}(0; \{12^8, 6^5, 4^2, 3^3, 2^4\})$	11185152
12	$\mathcal{O}(0; \{12^8, 6^5, 4^2, 3^6\})$	89478144
12	$\mathcal{O}(0; \{12^8, 6^5, 4^4, 2^5\})$	5591040
12	$\mathcal{O}(0; \{12^8, 6^5, 4^4, 3^3, 2\})$	44740608
12	$\mathcal{O}(0; \{12^8, 6^5, 4^6, 2^2\})$	22364160
12	$\mathcal{O}(0; \{12^8, 6^6, 3, 2^8\})$	1398016
12	$\mathcal{O}(0; \{12^8, 6^6, 3^4, 2^4\})$	11184896
12	$\mathcal{O}(0; \{12^8, 6^6, 3^7\})$	89478400
12	$\mathcal{O}(0; \{12^8, 6^6, 4^2, 3, 2^5\})$	5592064
12	$\mathcal{O}(0; \{12^8, 6^6, 4^2, 3^4, 2\})$	44739584
12	$\mathcal{O}(0; \{12^8, 6^6, 4^4, 3, 2^2\})$	22368256
12	$\mathcal{O}(0; \{12^8, 6^7, 3^2, 2^5\})$	5592320
12	$\mathcal{O}(0; \{12^8, 6^7, 3^5, 2\})$	44739328
12	$\mathcal{O}(0; \{12^8, 6^7, 4^2, 3^2, 2^2\})$	22369280
12	$\mathcal{O}(0; \{12^8, 6^8, 2^6\})$	2796288
12	$\mathcal{O}(0; \{12^8, 6^8, 3^3, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^8, 6^8, 4^2, 2^3\})$	11185152
12	$\mathcal{O}(0; \{12^8, 6^8, 4^4\})$	44740608
12	$\mathcal{O}(0; \{12^8, 6^9, 3, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^8, 6^9, 4^2, 3\})$	44739584
12	$\mathcal{O}(0; \{12^8, 6^{10}, 3^2\})$	44739328
12	$\mathcal{O}(0; \{12^8, 6^{11}, 2\})$	22369536
12	$\mathcal{O}(0; \{12^9, 4, 2^{16}\})$	87040
12	$\mathcal{O}(0; \{12^9, 4, 3^3, 2^{12}\})$	699392
12	$\mathcal{O}(0; \{12^9, 4, 3^6, 2^8\})$	5592064
12	$\mathcal{O}(0; \{12^9, 4, 3^9, 2^4\})$	44739584
12	$\mathcal{O}(0; \{12^9, 4, 3^{12}\})$	357913600

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^9, 4^3, 2^{13}\})$	348160
12	$\mathcal{O}(0; \{12^9, 4^3, 3^3, 2^9\})$	2797568
12	$\mathcal{O}(0; \{12^9, 4^3, 3^6, 2^5\})$	22368256
12	$\mathcal{O}(0; \{12^9, 4^3, 3^9, 2\})$	178958336
12	$\mathcal{O}(0; \{12^9, 4^5, 2^{10}\})$	1392640
12	$\mathcal{O}(0; \{12^9, 4^5, 3^3, 2^6\})$	11190272
12	$\mathcal{O}(0; \{12^9, 4^5, 3^6, 2^2\})$	89473024
12	$\mathcal{O}(0; \{12^9, 4^7, 2^7\})$	5570560
12	$\mathcal{O}(0; \{12^9, 4^7, 3^3, 2^3\})$	44761088
12	$\mathcal{O}(0; \{12^9, 4^9, 2^4\})$	22282240
12	$\mathcal{O}(0; \{12^9, 4^9, 3^3\})$	179044352
12	$\mathcal{O}(0; \{12^9, 4^{11}, 2\})$	89128960
12	$\mathcal{O}(0; \{12^9, 6, 4, 3, 2^{13}\})$	349184
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^4, 2^9\})$	2796544
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^7, 2^5\})$	22369280
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^{10}, 2\})$	178957312
12	$\mathcal{O}(0; \{12^9, 6, 4^3, 3, 2^{10}\})$	1396736
12	$\mathcal{O}(0; \{12^9, 6, 4^3, 3^4, 2^6\})$	11186176
12	$\mathcal{O}(0; \{12^9, 6, 4^3, 3^7, 2^2\})$	89477120
12	$\mathcal{O}(0; \{12^9, 6, 4^5, 3, 2^7\})$	5586944
12	$\mathcal{O}(0; \{12^9, 6, 4^5, 3^4, 2^3\})$	44744704
12	$\mathcal{O}(0; \{12^9, 6, 4^7, 3, 2^4\})$	22347776
12	$\mathcal{O}(0; \{12^9, 6, 4^7, 3^4\})$	178978816
12	$\mathcal{O}(0; \{12^9, 6, 4^9, 3, 2\})$	89391104
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 3^2, 2^{10}\})$	1397760
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 3^5, 2^6\})$	11185152
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 3^8, 2^2\})$	89478144
12	$\mathcal{O}(0; \{12^9, 6^2, 4^3, 3^2, 2^7\})$	5591040
12	$\mathcal{O}(0; \{12^9, 6^2, 4^3, 3^5, 2^3\})$	44740608
12	$\mathcal{O}(0; \{12^9, 6^2, 4^5, 3^2, 2^4\})$	22364160
12	$\mathcal{O}(0; \{12^9, 6^2, 4^5, 3^5\})$	178962432
12	$\mathcal{O}(0; \{12^9, 6^2, 4^7, 3^2, 2\})$	89456640
12	$\mathcal{O}(0; \{12^9, 6^3, 4, 2^{11}\})$	699392
12	$\mathcal{O}(0; \{12^9, 6^3, 4, 3^3, 2^7\})$	5592064
12	$\mathcal{O}(0; \{12^9, 6^3, 4, 3^6, 2^3\})$	44739584
12	$\mathcal{O}(0; \{12^9, 6^3, 4^3, 2^8\})$	2797568
12	$\mathcal{O}(0; \{12^9, 6^3, 4^3, 3^3, 2^4\})$	22368256
12	$\mathcal{O}(0; \{12^9, 6^3, 4^3, 3^6\})$	178958336
12	$\mathcal{O}(0; \{12^9, 6^3, 4^5, 2^5\})$	11190272
12	$\mathcal{O}(0; \{12^9, 6^3, 4^5, 3^3, 2\})$	89473024
12	$\mathcal{O}(0; \{12^9, 6^3, 4^7, 2^2\})$	44761088
12	$\mathcal{O}(0; \{12^9, 6^4, 4, 3, 2^8\})$	2796544
12	$\mathcal{O}(0; \{12^9, 6^4, 4, 3^4, 2^4\})$	22369280

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^9, 6^4, 4, 3^7\})$	178957312
12	$\mathcal{O}(0; \{12^9, 6^4, 4^3, 3, 2^5\})$	11186176
12	$\mathcal{O}(0; \{12^9, 6^4, 4^3, 3^4, 2\})$	89477120
12	$\mathcal{O}(0; \{12^9, 6^4, 4^5, 3, 2^2\})$	44744704
12	$\mathcal{O}(0; \{12^9, 6^5, 4, 3^2, 2^5\})$	11185152
12	$\mathcal{O}(0; \{12^9, 6^5, 4, 3^5, 2\})$	89478144
12	$\mathcal{O}(0; \{12^9, 6^5, 4^3, 3^2, 2^2\})$	44740608
12	$\mathcal{O}(0; \{12^9, 6^6, 4, 2^6\})$	5592064
12	$\mathcal{O}(0; \{12^9, 6^6, 4, 3^3, 2^2\})$	44739584
12	$\mathcal{O}(0; \{12^9, 6^6, 4^3, 2^3\})$	22368256
12	$\mathcal{O}(0; \{12^9, 6^6, 4^5\})$	89473024
12	$\mathcal{O}(0; \{12^9, 6^7, 4, 3, 2^3\})$	22369280
12	$\mathcal{O}(0; \{12^9, 6^7, 4^3, 3\})$	89477120
12	$\mathcal{O}(0; \{12^9, 6^8, 4, 3^2\})$	89478144
12	$\mathcal{O}(0; \{12^9, 6^9, 4, 2\})$	44739584
12	$\mathcal{O}(0; \{12^{10}, 3^2, 2^{13}\})$	699392
12	$\mathcal{O}(0; \{12^{10}, 3^5, 2^9\})$	5592064
12	$\mathcal{O}(0; \{12^{10}, 3^8, 2^5\})$	44739584
12	$\mathcal{O}(0; \{12^{10}, 3^{11}, 2\})$	357913600
12	$\mathcal{O}(0; \{12^{10}, 4^2, 3^2, 2^{10}\})$	2797568
12	$\mathcal{O}(0; \{12^{10}, 4^2, 3^5, 2^6\})$	22368256
12	$\mathcal{O}(0; \{12^{10}, 4^2, 3^8, 2^2\})$	178958336
12	$\mathcal{O}(0; \{12^{10}, 4^4, 3^2, 2^7\})$	11190272
12	$\mathcal{O}(0; \{12^{10}, 4^4, 3^5, 2^3\})$	89473024
12	$\mathcal{O}(0; \{12^{10}, 4^6, 3^2, 2^4\})$	44761088
12	$\mathcal{O}(0; \{12^{10}, 4^6, 3^5\})$	357892096
12	$\mathcal{O}(0; \{12^{10}, 4^8, 3^2, 2\})$	179044352
12	$\mathcal{O}(0; \{12^{10}, 6, 2^{14}\})$	349184
12	$\mathcal{O}(0; \{12^{10}, 6, 3^3, 2^{10}\})$	2796544
12	$\mathcal{O}(0; \{12^{10}, 6, 3^6, 2^6\})$	22369280
12	$\mathcal{O}(0; \{12^{10}, 6, 3^9, 2^2\})$	178957312
12	$\mathcal{O}(0; \{12^{10}, 6, 4^2, 2^{11}\})$	1396736
12	$\mathcal{O}(0; \{12^{10}, 6, 4^2, 3^3, 2^7\})$	11186176
12	$\mathcal{O}(0; \{12^{10}, 6, 4^2, 3^6, 2^3\})$	89477120
12	$\mathcal{O}(0; \{12^{10}, 6, 4^4, 2^8\})$	5586944
12	$\mathcal{O}(0; \{12^{10}, 6, 4^4, 3^3, 2^4\})$	44744704
12	$\mathcal{O}(0; \{12^{10}, 6, 4^4, 3^6\})$	357908480
12	$\mathcal{O}(0; \{12^{10}, 6, 4^6, 2^9\})$	22347776
12	$\mathcal{O}(0; \{12^{10}, 6, 4^6, 3^3, 2\})$	178978816
12	$\mathcal{O}(0; \{12^{10}, 6, 4^8, 2^2\})$	89391104
12	$\mathcal{O}(0; \{12^{10}, 6^2, 3, 2^{11}\})$	1397760
12	$\mathcal{O}(0; \{12^{10}, 6^2, 3^4, 2^7\})$	11185152
12	$\mathcal{O}(0; \{12^{10}, 6^2, 3^7, 2^3\})$	89478144

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^2, 3, 2^8\})$	5591040
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^2, 3^4, 2^4\})$	44740608
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^2, 3^7\})$	357912576
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^4, 3, 2^5\})$	22364160
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^4, 3^4, 2\})$	178962432
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^6, 3, 2^2\})$	89456640
12	$\mathcal{O}(0; \{12^{10}, 6^3, 3^2, 2^8\})$	5592064
12	$\mathcal{O}(0; \{12^{10}, 6^3, 3^5, 2^4\})$	44739584
12	$\mathcal{O}(0; \{12^{10}, 6^3, 3^8\})$	357913600
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^2, 3^2, 2^5\})$	22368256
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^2, 3^5, 2\})$	178958336
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^4, 3^2, 2^2\})$	89473024
12	$\mathcal{O}(0; \{12^{10}, 6^4, 2^9\})$	2796544
12	$\mathcal{O}(0; \{12^{10}, 6^4, 3^3, 2^5\})$	22369280
12	$\mathcal{O}(0; \{12^{10}, 6^4, 3^6, 2\})$	178957312
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^2, 2^6\})$	11186176
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^2, 3^3, 2^2\})$	89477120
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^4, 2^3\})$	44744704
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^6\})$	178978816
12	$\mathcal{O}(0; \{12^{10}, 6^5, 3, 2^6\})$	11185152
12	$\mathcal{O}(0; \{12^{10}, 6^5, 3^4, 2^2\})$	89478144
12	$\mathcal{O}(0; \{12^{10}, 6^5, 4^2, 3, 2^3\})$	44740608
12	$\mathcal{O}(0; \{12^{10}, 6^5, 4^4, 3\})$	178962432
12	$\mathcal{O}(0; \{12^{10}, 6^6, 3^2, 2^3\})$	44739584
12	$\mathcal{O}(0; \{12^{10}, 6^6, 4^2, 3^2\})$	178958336
12	$\mathcal{O}(0; \{12^{10}, 6^7, 2^4\})$	22369280
12	$\mathcal{O}(0; \{12^{10}, 6^7, 3^3\})$	178957312
12	$\mathcal{O}(0; \{12^{10}, 6^7, 4^2, 2\})$	89477120
12	$\mathcal{O}(0; \{12^{10}, 6^8, 3, 2\})$	89478144
12	$\mathcal{O}(0; \{12^{11}, 4, 3, 2^{11}\})$	2797568
12	$\mathcal{O}(0; \{12^{11}, 4, 3^4, 2^7\})$	22368256
12	$\mathcal{O}(0; \{12^{11}, 4, 3^7, 2^3\})$	178958336
12	$\mathcal{O}(0; \{12^{11}, 4^3, 3, 2^8\})$	11190272
12	$\mathcal{O}(0; \{12^{11}, 4^3, 3^4, 2^4\})$	89473024
12	$\mathcal{O}(0; \{12^{11}, 4^3, 3^7\})$	715833344
12	$\mathcal{O}(0; \{12^{11}, 4^5, 3, 2^5\})$	44761088
12	$\mathcal{O}(0; \{12^{11}, 4^5, 3^4, 2\})$	357892096
12	$\mathcal{O}(0; \{12^{11}, 4^7, 3, 2^2\})$	179044352
12	$\mathcal{O}(0; \{12^{11}, 6, 4, 3^2, 2^8\})$	11186176
12	$\mathcal{O}(0; \{12^{11}, 6, 4, 3^5, 2^4\})$	89477120
12	$\mathcal{O}(0; \{12^{11}, 6, 4, 3^8\})$	715829248
12	$\mathcal{O}(0; \{12^{11}, 6, 4^3, 3^2, 2^5\})$	44744704
12	$\mathcal{O}(0; \{12^{11}, 6, 4^3, 3^5, 2\})$	357908480

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{11}, 6, 4^5, 3^2, 2^2\})$	178978816
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4, 2^9\})$	5591040
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4, 3^3, 2^5\})$	44740608
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4, 3^6, 2\})$	357912576
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^3, 2^6\})$	22364160
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^3, 3^3, 2^2\})$	178962432
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^5, 2^3\})$	89456640
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^7\})$	357826560
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4, 3, 2^6\})$	22368256
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4, 3^4, 2^2\})$	178958336
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4^3, 3, 2^3\})$	89473024
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4^5, 3\})$	357892096
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4, 3^2, 2^3\})$	89477120
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4^3, 3^2\})$	357908480
12	$\mathcal{O}(0; \{12^{11}, 6^5, 4, 2^4\})$	44740608
12	$\mathcal{O}(0; \{12^{11}, 6^5, 4, 3^3\})$	357912576
12	$\mathcal{O}(0; \{12^{11}, 6^5, 4^3, 2\})$	178962432
12	$\mathcal{O}(0; \{12^{11}, 6^6, 4, 3, 2\})$	178958336
12	$\mathcal{O}(0; \{12^{12}, 2^{12}\})$	2797568
12	$\mathcal{O}(0; \{12^{12}, 3^3, 2^8\})$	22368256
12	$\mathcal{O}(0; \{12^{12}, 3^6, 2^4\})$	178958336
12	$\mathcal{O}(0; \{12^{12}, 3^9\})$	1431654400
12	$\mathcal{O}(0; \{12^{12}, 4^2, 2^9\})$	11190272
12	$\mathcal{O}(0; \{12^{12}, 4^2, 3^3, 2^5\})$	89473024
12	$\mathcal{O}(0; \{12^{12}, 4^2, 3^6, 2\})$	715833344
12	$\mathcal{O}(0; \{12^{12}, 4^4, 2^6\})$	44761088
12	$\mathcal{O}(0; \{12^{12}, 4^4, 3^3, 2^2\})$	357892096
12	$\mathcal{O}(0; \{12^{12}, 4^6, 2^3\})$	179044352
12	$\mathcal{O}(0; \{12^{12}, 4^8\})$	716177408
12	$\mathcal{O}(0; \{12^{12}, 6, 3, 2^9\})$	11186176
12	$\mathcal{O}(0; \{12^{12}, 6, 3^4, 2^5\})$	89477120
12	$\mathcal{O}(0; \{12^{12}, 6, 3^7, 2\})$	715829248
12	$\mathcal{O}(0; \{12^{12}, 6, 4^2, 3, 2^6\})$	44744704
12	$\mathcal{O}(0; \{12^{12}, 6, 4^2, 3^4, 2^2\})$	357908480
12	$\mathcal{O}(0; \{12^{12}, 6, 4^4, 3, 2^3\})$	178978816
12	$\mathcal{O}(0; \{12^{12}, 6, 4^6, 3\})$	715915264
12	$\mathcal{O}(0; \{12^{12}, 6^2, 3^2, 2^6\})$	44740608
12	$\mathcal{O}(0; \{12^{12}, 6^2, 3^5, 2^2\})$	357912576
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^2, 3^2, 2^3\})$	178962432
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^4, 3^2\})$	715849728
12	$\mathcal{O}(0; \{12^{12}, 6^3, 2^7\})$	22368256
12	$\mathcal{O}(0; \{12^{12}, 6^3, 3^3, 2^3\})$	178958336
12	$\mathcal{O}(0; \{12^{12}, 6^3, 4^2, 2^4\})$	89473024

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{12}, 6^3, 4^2, 3^3\})$	715833344
12	$\mathcal{O}(0; \{12^{12}, 6^3, 4^4, 2\})$	357892096
12	$\mathcal{O}(0; \{12^{12}, 6^4, 3, 2^4\})$	89477120
12	$\mathcal{O}(0; \{12^{12}, 6^4, 3^4\})$	715829248
12	$\mathcal{O}(0; \{12^{12}, 6^4, 4^2, 3, 2\})$	357908480
12	$\mathcal{O}(0; \{12^{12}, 6^5, 3^2, 2\})$	357912576
12	$\mathcal{O}(0; \{12^{12}, 6^6, 2^2\})$	178958336
12	$\mathcal{O}(0; \{12^{13}, 4, 3^2, 2^6\})$	89473024
12	$\mathcal{O}(0; \{12^{13}, 4, 3^5, 2^2\})$	715833344
12	$\mathcal{O}(0; \{12^{13}, 4^3, 3^2, 2^3\})$	357892096
12	$\mathcal{O}(0; \{12^{13}, 4^5, 3^2\})$	1431568384
12	$\mathcal{O}(0; \{12^{13}, 6, 4, 2^7\})$	44744704
12	$\mathcal{O}(0; \{12^{13}, 6, 4, 3^3, 2^3\})$	357908480
12	$\mathcal{O}(0; \{12^{13}, 6, 4^3, 2^4\})$	178978816
12	$\mathcal{O}(0; \{12^{13}, 6, 4^3, 3^3\})$	1431633920
12	$\mathcal{O}(0; \{12^{13}, 6, 4^5, 2\})$	715915264
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4, 3, 2^4\})$	178962432
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4, 3^4\})$	1431650304
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4^3, 3, 2\})$	715849728
12	$\mathcal{O}(0; \{12^{13}, 6^3, 4, 3^2, 2\})$	715833344
12	$\mathcal{O}(0; \{12^{13}, 6^4, 4, 2^2\})$	357908480
12	$\mathcal{O}(0; \{12^{14}, 3, 2^7\})$	89473024
12	$\mathcal{O}(0; \{12^{14}, 3^4, 2^3\})$	715833344
12	$\mathcal{O}(0; \{12^{14}, 4^2, 3, 2^4\})$	357892096
12	$\mathcal{O}(0; \{12^{14}, 4^2, 3^4\})$	2863333376
12	$\mathcal{O}(0; \{12^{14}, 4^4, 3, 2\})$	1431568384
12	$\mathcal{O}(0; \{12^{14}, 6, 3^2, 2^4\})$	357908480
12	$\mathcal{O}(0; \{12^{14}, 6, 3^5\})$	2863316992
12	$\mathcal{O}(0; \{12^{14}, 6, 4^2, 3^2, 2\})$	1431633920
12	$\mathcal{O}(0; \{12^{14}, 6^2, 2^5\})$	178962432
12	$\mathcal{O}(0; \{12^{14}, 6^2, 3^3, 2\})$	1431650304
12	$\mathcal{O}(0; \{12^{14}, 6^2, 4^2, 2^2\})$	715849728
12	$\mathcal{O}(0; \{12^{14}, 6^3, 3, 2^2\})$	715833344
12	$\mathcal{O}(0; \{12^{14}, 6^5\})$	1431650304
12	$\mathcal{O}(0; \{12^{15}, 4, 2^5\})$	357892096
12	$\mathcal{O}(0; \{12^{15}, 4, 3^3, 2\})$	2863333376
12	$\mathcal{O}(0; \{12^{15}, 4^3, 2^2\})$	1431568384
12	$\mathcal{O}(0; \{12^{15}, 6, 4, 3, 2^2\})$	1431633920
12	$\mathcal{O}(0; \{12^{15}, 6^3, 4\})$	2863333376
12	$\mathcal{O}(0; \{12^{16}, 3^2, 2^2\})$	2863333376
12	$\mathcal{O}(0; \{12^{16}, 6, 2^3\})$	1431633920
12	$\mathcal{O}(0; \{12^{16}, 6, 4^2\})$	5726535680
12	$\mathcal{O}(0; \{12^{16}, 6^2, 3\})$	5726601216

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{17}, 4, 3\})$	11453333504
12	$\mathcal{O}(0; \{12^{18}, 2\})$	11453333504
13	$\mathcal{O}(7; \{13^2\})$	47248516628391468
13	$\mathcal{O}(1; \{13^{15}\})$	200291280469622628
14	$\mathcal{O}(6; \{14^2, 2^2\})$	340163474251776
14	$\mathcal{O}(5; \{14, 7^4, 2\})$	321072667023360
14	$\mathcal{O}(5; \{14^2, 2^6\})$	1735527929856
14	$\mathcal{O}(4; \{7^8\})$	352726439890230
14	$\mathcal{O}(4; \{14, 7^4, 2^5\})$	1638125852160
14	$\mathcal{O}(4; \{14^2, 2^{10}\})$	8854734336
14	$\mathcal{O}(4; \{14^3, 7^3, 2^3\})$	9837609847296
14	$\mathcal{O}(4; \{14^5, 7^2, 2\})$	59016804349440
14	$\mathcal{O}(3; \{7^8, 2^4\})$	1806682045056
14	$\mathcal{O}(3; \{14, 7^4, 2^9\})$	8357784960
14	$\mathcal{O}(3; \{14^2, 2^{14}\})$	45177216
14	$\mathcal{O}(3; \{14^2, 7^7, 2^2\})$	10840047093120
14	$\mathcal{O}(3; \{14^3, 7^3, 2^7\})$	50191886976
14	$\mathcal{O}(3; \{14^4, 7^6\})$	65040327735936
14	$\mathcal{O}(3; \{14^5, 7^2, 2^5\})$	301106144640
14	$\mathcal{O}(3; \{14^7, 7, 2^3\})$	1806682045056
14	$\mathcal{O}(3; \{14^9, 2\})$	10840047093120
14	$\mathcal{O}(2; \{7^8, 2^8\})$	9217765536
14	$\mathcal{O}(2; \{14, 7^4, 2^{13}\})$	42641760
14	$\mathcal{O}(2; \{14, 7^{11}, 2\})$	11946181492896
14	$\mathcal{O}(2; \{14^2, 2^{18}\})$	230496
14	$\mathcal{O}(2; \{14^2, 7^7, 2^6\})$	55306362720
14	$\mathcal{O}(2; \{14^3, 7^3, 2^{11}\})$	256081056
14	$\mathcal{O}(2; \{14^4, 7^6, 2^4\})$	331838406816
14	$\mathcal{O}(2; \{14^5, 7^2, 2^9\})$	1536255840
14	$\mathcal{O}(2; \{14^6, 7^5, 2^2\})$	1991030210400
14	$\mathcal{O}(2; \{14^7, 7, 2^7\})$	9217765536
14	$\mathcal{O}(2; \{14^8, 7^4\})$	11946181492896
14	$\mathcal{O}(2; \{14^9, 2^5\})$	55306362720
14	$\mathcal{O}(1; \{7^8, 2^{12}\})$	47029416
14	$\mathcal{O}(1; \{7^{15}\})$	9873884675970
14	$\mathcal{O}(1; \{14, 7^4, 2^{17}\})$	217560
14	$\mathcal{O}(1; \{14, 7^{11}, 2^5\})$	60949905576
14	$\mathcal{O}(1; \{14^2, 2^{22}\})$	1176
14	$\mathcal{O}(1; \{14^2, 7^7, 2^{10}\})$	282175320
14	$\mathcal{O}(1; \{14^3, 7^3, 2^{15}\})$	1306536
14	$\mathcal{O}(1; \{14^3, 7^{10}, 2^3\})$	365699432280
14	$\mathcal{O}(1; \{14^4, 7^6, 2^8\})$	1693053096
14	$\mathcal{O}(1; \{14^5, 7^2, 2^{13}\})$	7838040

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
14	$\mathcal{O}(1; \{14^5, 7^9, 2\})$	2194196594856
14	$\mathcal{O}(1; \{14^6, 7^5, 2^6\})$	10158317400
14	$\mathcal{O}(1; \{14^7, 7, 2^{11}\})$	47029416
14	$\mathcal{O}(1; \{14^8, 7^4, 2^4\})$	60949905576
14	$\mathcal{O}(1; \{14^9, 2^9\})$	282175320
14	$\mathcal{O}(1; \{14^{10}, 7^3, 2^2\})$	365699432280
14	$\mathcal{O}(1; \{14^{12}, 7^2\})$	2194196594856
14	$\mathcal{O}(0; \{7^8, 2^{16}\})$	239946
14	$\mathcal{O}(0; \{7^{15}, 2^4\})$	67169283510
14	$\mathcal{O}(0; \{14, 7^4, 2^{21}\})$	1110
14	$\mathcal{O}(0; \{14, 7^{11}, 2^9\})$	310968906
14	$\mathcal{O}(0; \{14^2, 2^{26}\})$	6
14	$\mathcal{O}(0; \{14^2, 7^7, 2^{14}\})$	1439670
14	$\mathcal{O}(0; \{14^2, 7^{14}, 2^2\})$	403015701066
14	$\mathcal{O}(0; \{14^3, 7^3, 2^{19}\})$	6666
14	$\mathcal{O}(0; \{14^3, 7^{10}, 2^7\})$	1865813430
14	$\mathcal{O}(0; \{14^4, 7^6, 2^{12}\})$	8638026
14	$\mathcal{O}(0; \{14^4, 7^{13}\})$	2418094206390
14	$\mathcal{O}(0; \{14^5, 7^2, 2^{17}\})$	39990
14	$\mathcal{O}(0; \{14^5, 7^9, 2^5\})$	11194880586
14	$\mathcal{O}(0; \{14^6, 7^5, 2^{10}\})$	51828150
14	$\mathcal{O}(0; \{14^7, 7, 2^{15}\})$	239946
14	$\mathcal{O}(0; \{14^7, 7^8, 2^3\})$	67169283510
14	$\mathcal{O}(0; \{14^8, 7^4, 2^8\})$	310968906
14	$\mathcal{O}(0; \{14^9, 2^{13}\})$	1439670
14	$\mathcal{O}(0; \{14^9, 7^7, 2\})$	403015701066
14	$\mathcal{O}(0; \{14^{10}, 7^3, 2^6\})$	1865813430
14	$\mathcal{O}(0; \{14^{12}, 7^2, 2^4\})$	11194880586
14	$\mathcal{O}(0; \{14^{14}, 7, 2^2\})$	67169283510
14	$\mathcal{O}(0; \{14^{16}\})$	403015701066
15	$\mathcal{O}(7; \emptyset)$	29192919917092032
15	$\mathcal{O}(6; \{3^3\})$	259492674718368
15	$\mathcal{O}(5; \{3^6\})$	12686307294672
15	$\mathcal{O}(5; \{5^5\})$	117634687500000
15	$\mathcal{O}(5; \{15, 5^3, 3\})$	59971640625000
15	$\mathcal{O}(5; \{15^2, 5, 3^2\})$	41518828125000
15	$\mathcal{O}(4; \{3^9\})$	435690290880
15	$\mathcal{O}(4; \{5^5, 3^3\})$	1045659375000
15	$\mathcal{O}(4; \{15, 5^3, 3^4\})$	1332703125000
15	$\mathcal{O}(4; \{15^2, 5, 3^5\})$	1291696875000
15	$\mathcal{O}(4; \{15^3, 5^4\})$	16792059375000
15	$\mathcal{O}(4; \{15^4, 5^2, 3\})$	21015703125000
15	$\mathcal{O}(4; \{15^5, 3^2\})$	21958846875000

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(3; \{3^{12}\})$	15558597936
15	$\mathcal{O}(3; \{5^5, 3^6\})$	51121125000
15	$\mathcal{O}(3; \{5^{10}\})$	2385519500000
15	$\mathcal{O}(3; \{15, 5^3, 3^7\})$	50938875000
15	$\mathcal{O}(3; \{15, 5^8, 3\})$	1194375375000
15	$\mathcal{O}(3; \{15^2, 5, 3^8\})$	46747125000
15	$\mathcal{O}(3; \{15^2, 5^6, 3^2\})$	895849875000
15	$\mathcal{O}(3; \{15^3, 5^4, 3^3\})$	820945125000
15	$\mathcal{O}(3; \{15^4, 5^2, 3^4\})$	803266875000
15	$\mathcal{O}(3; \{15^5, 3^5\})$	794701125000
15	$\mathcal{O}(3; \{15^6, 5^3\})$	13138129125000
15	$\mathcal{O}(3; \{15^7, 5, 3\})$	12840514875000
15	$\mathcal{O}(2; \{3^{15}\})$	552041568
15	$\mathcal{O}(2; \{5^5, 3^9\})$	1755675000
15	$\mathcal{O}(2; \{5^{10}, 3^3\})$	21233745000
15	$\mathcal{O}(2; \{15, 5^3, 3^{10}\})$	1795365000
15	$\mathcal{O}(2; \{15, 5^8, 3^4\})$	26541675000
15	$\mathcal{O}(2; \{15^2, 5, 3^{11}\})$	1658475000
15	$\mathcal{O}(2; \{15^2, 5^6, 3^5\})$	27870885000
15	$\mathcal{O}(2; \{15^3, 5^4, 3^6\})$	28194075000
15	$\mathcal{O}(2; \{15^3, 5^9\})$	339738705000
15	$\mathcal{O}(2; \{15^4, 5^2, 3^7\})$	28311525000
15	$\mathcal{O}(2; \{15^4, 5^7, 3\})$	424672875000
15	$\mathcal{O}(2; \{15^5, 3^8\})$	28194075000
15	$\mathcal{O}(2; \{15^5, 5^5, 3^2\})$	445908645000
15	$\mathcal{O}(2; \{15^6, 5^3, 3^3\})$	451208475000
15	$\mathcal{O}(2; \{15^7, 5, 3^4\})$	452570085000
15	$\mathcal{O}(2; \{15^9, 5^2\})$	7219438875000
15	$\mathcal{O}(2; \{15^{10}, 3\})$	7240707045000
15	$\mathcal{O}(1; \{3^{18}\})$	18874512
15	$\mathcal{O}(1; \{5^5, 3^{12}\})$	62699400
15	$\mathcal{O}(1; \{5^{10}, 3^6\})$	1038094200
15	$\mathcal{O}(1; \{5^{15}\})$	42949672800
15	$\mathcal{O}(1; \{15, 5^3, 3^{13}\})$	63905400
15	$\mathcal{O}(1; \{15, 5^8, 3^7\})$	1014481800
15	$\mathcal{O}(1; \{15, 5^{13}, 3\})$	24159191400
15	$\mathcal{O}(1; \{15^2, 5, 3^{14}\})$	58984200
15	$\mathcal{O}(1; \{15^2, 5^6, 3^8\})$	1008660600
15	$\mathcal{O}(1; \{15^2, 5^{11}, 3^2\})$	18119392200
15	$\mathcal{O}(1; \{15^3, 5^4, 3^9\})$	1006878600
15	$\mathcal{O}(1; \{15^3, 5^9, 3^3\})$	16609447800
15	$\mathcal{O}(1; \{15^4, 5^2, 3^{10}\})$	1007739000
15	$\mathcal{O}(1; \{15^4, 5^7, 3^4\})$	16231941000

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(1; \{15^5, 3^{11}\})$	1002731400
15	$\mathcal{O}(1; \{15^5, 5^5, 3^5\})$	16137646200
15	$\mathcal{O}(1; \{15^6, 5^3, 3^6\})$	16113745800
15	$\mathcal{O}(1; \{15^6, 5^8\})$	265751105400
15	$\mathcal{O}(1; \{15^7, 5, 3^7\})$	16109076600
15	$\mathcal{O}(1; \{15^7, 5^6, 3\})$	259711288200
15	$\mathcal{O}(1; \{15^8, 5^4, 3^2\})$	258201415800
15	$\mathcal{O}(1; \{15^9, 5^2, 3^3\})$	257823621000
15	$\mathcal{O}(1; \{15^{10}, 3^4\})$	257730478200
15	$\mathcal{O}(1; \{15^{12}, 5\})$	4125181624200
15	$\mathcal{O}(0; \{5^5, 3^{15}\})$	2228088
15	$\mathcal{O}(0; \{5^{10}, 3^9\})$	35651720
15	$\mathcal{O}(0; \{5^{15}, 3^3\})$	429496728
15	$\mathcal{O}(0; \{15, 5^3, 3^{16}\})$	2271880
15	$\mathcal{O}(0; \{15, 5^8, 3^{10}\})$	35755896
15	$\mathcal{O}(0; \{15, 5^{13}, 3^4\})$	536870920
15	$\mathcal{O}(0; \{15^2, 5, 3^{17}\})$	2097144
15	$\mathcal{O}(0; \{15^2, 5^6, 3^{11}\})$	35784840
15	$\mathcal{O}(0; \{15^2, 5^{11}, 3^5\})$	563714424
15	$\mathcal{O}(0; \{15^3, 5^4, 3^{12}\})$	35780472
15	$\mathcal{O}(0; \{15^3, 5^9, 3^6\})$	570425480
15	$\mathcal{O}(0; \{15^3, 5^{14}\})$	6871947672
15	$\mathcal{O}(0; \{15^4, 5^2, 3^{13}\})$	35825800
15	$\mathcal{O}(0; \{15^4, 5^7, 3^7\})$	572102520
15	$\mathcal{O}(0; \{15^4, 5^{12}, 3\})$	8589934600
15	$\mathcal{O}(0; \{15^5, 3^{14}\})$	35651448
15	$\mathcal{O}(0; \{15^5, 5^5, 3^8\})$	572524680
15	$\mathcal{O}(0; \{15^5, 5^{10}, 3^2\})$	9019431288
15	$\mathcal{O}(0; \{15^6, 5^3, 3^9\})$	572618616
15	$\mathcal{O}(0; \{15^6, 5^8, 3^3\})$	9126805640
15	$\mathcal{O}(0; \{15^7, 5, 3^{10}\})$	572688520
15	$\mathcal{O}(0; \{15^7, 5^6, 3^4\})$	9153648504
15	$\mathcal{O}(0; \{15^8, 5^4, 3^5\})$	9160362120
15	$\mathcal{O}(0; \{15^9, 5^2, 3^6\})$	9162028920
15	$\mathcal{O}(0; \{15^9, 5^7\})$	146028888200
15	$\mathcal{O}(0; \{15^{10}, 3^7\})$	9162492040
15	$\mathcal{O}(0; \{15^{10}, 5^5, 3\})$	146458384248
15	$\mathcal{O}(0; \{15^{11}, 5^3, 3^2\})$	146565761160
15	$\mathcal{O}(0; \{15^{12}, 5, 3^3\})$	146592593784
15	$\mathcal{O}(0; \{15^{15}\})$	2345481631608
16	$\mathcal{O}(5; \{8^2, 2^3\})$	4393751543808
16	$\mathcal{O}(5; \{8^2, 4^2\})$	17575006175232
16	$\mathcal{O}(5; \{16^2, 8, 2\})$	35184372088832

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(4; \{8^2, 2^7\})$	17112760320
16	$\mathcal{O}(4; \{8^2, 4^2, 2^4\})$	68451041280
16	$\mathcal{O}(4; \{8^2, 4^4, 2\})$	273804165120
16	$\mathcal{O}(4; \{8^4, 4, 2^2\})$	547608330240
16	$\mathcal{O}(4; \{8^6\})$	4380866641920
16	$\mathcal{O}(4; \{16^2, 8, 2^5\})$	137438953472
16	$\mathcal{O}(4; \{16^2, 8, 4^2, 2^2\})$	549755813888
16	$\mathcal{O}(4; \{16^2, 8^3, 4\})$	4398046511104
16	$\mathcal{O}(4; \{16^4, 2^3\})$	2199023255552
16	$\mathcal{O}(4; \{16^4, 4^2\})$	8796093022208
16	$\mathcal{O}(3; \{8^2, 2^{11}\})$	66060288
16	$\mathcal{O}(3; \{8^2, 4^2, 2^8\})$	264241152
16	$\mathcal{O}(3; \{8^2, 4^4, 2^5\})$	1056964608
16	$\mathcal{O}(3; \{8^2, 4^6, 2^2\})$	4227858432
16	$\mathcal{O}(3; \{8^4, 4, 2^6\})$	2113929216
16	$\mathcal{O}(3; \{8^4, 4^3, 2^3\})$	8455716864
16	$\mathcal{O}(3; \{8^4, 4^5\})$	33822867456
16	$\mathcal{O}(3; \{8^6, 2^4\})$	16911433728
16	$\mathcal{O}(3; \{8^6, 4^2, 2\})$	67645734912
16	$\mathcal{O}(3; \{16^2, 8, 2^9\})$	536870912
16	$\mathcal{O}(3; \{16^2, 8, 4^2, 2^6\})$	2147483648
16	$\mathcal{O}(3; \{16^2, 8, 4^4, 2^3\})$	8589934592
16	$\mathcal{O}(3; \{16^2, 8, 4^6\})$	34359738368
16	$\mathcal{O}(3; \{16^2, 8^3, 4, 2^4\})$	17179869184
16	$\mathcal{O}(3; \{16^2, 8^3, 4^3, 2\})$	68719476736
16	$\mathcal{O}(3; \{16^2, 8^5, 2^2\})$	137438953472
16	$\mathcal{O}(3; \{16^4, 2^7\})$	8589934592
16	$\mathcal{O}(3; \{16^4, 4^2, 2^4\})$	34359738368
16	$\mathcal{O}(3; \{16^4, 4^4, 2\})$	137438953472
16	$\mathcal{O}(3; \{16^4, 8^2, 4, 2^2\})$	274877906944
16	$\mathcal{O}(3; \{16^4, 8^4\})$	2199023255552
16	$\mathcal{O}(3; \{16^6, 8, 4\})$	4398046511104
16	$\mathcal{O}(2; \{8^2, 2^{15}\})$	245760
16	$\mathcal{O}(2; \{8^2, 4^2, 2^{12}\})$	983040
16	$\mathcal{O}(2; \{8^2, 4^4, 2^9\})$	3932160
16	$\mathcal{O}(2; \{8^2, 4^6, 2^6\})$	15728640
16	$\mathcal{O}(2; \{8^2, 4^8, 2^3\})$	62914560
16	$\mathcal{O}(2; \{8^2, 4^{10}\})$	251658240
16	$\mathcal{O}(2; \{8^4, 4, 2^{10}\})$	7864320
16	$\mathcal{O}(2; \{8^4, 4^3, 2^7\})$	31457280
16	$\mathcal{O}(2; \{8^4, 4^5, 2^4\})$	125829120
16	$\mathcal{O}(2; \{8^4, 4^7, 2\})$	503316480
16	$\mathcal{O}(2; \{8^6, 2^8\})$	62914560

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(2; \{8^6, 4^2, 2^5\})$	251658240
16	$\mathcal{O}(2; \{8^6, 4^4, 2^2\})$	1006632960
16	$\mathcal{O}(2; \{8^8, 4, 2^3\})$	2013265920
16	$\mathcal{O}(2; \{8^8, 4^3\})$	8053063680
16	$\mathcal{O}(2; \{8^{10}, 2\})$	16106127360
16	$\mathcal{O}(2; \{16^2, 8, 2^{13}\})$	2097152
16	$\mathcal{O}(2; \{16^2, 8, 4^2, 2^{10}\})$	8388608
16	$\mathcal{O}(2; \{16^2, 8, 4^4, 2^7\})$	33554432
16	$\mathcal{O}(2; \{16^2, 8, 4^6, 2^4\})$	134217728
16	$\mathcal{O}(2; \{16^2, 8, 4^8, 2\})$	536870912
16	$\mathcal{O}(2; \{16^2, 8^3, 4, 2^8\})$	67108864
16	$\mathcal{O}(2; \{16^2, 8^3, 4^3, 2^5\})$	268435456
16	$\mathcal{O}(2; \{16^2, 8^3, 4^5, 2^2\})$	1073741824
16	$\mathcal{O}(2; \{16^2, 8^5, 2^6\})$	536870912
16	$\mathcal{O}(2; \{16^2, 8^5, 4^2, 2^3\})$	2147483648
16	$\mathcal{O}(2; \{16^2, 8^5, 4^4\})$	8589934592
16	$\mathcal{O}(2; \{16^2, 8^7, 4, 2\})$	17179869184
16	$\mathcal{O}(2; \{16^4, 2^{11}\})$	33554432
16	$\mathcal{O}(2; \{16^4, 4^2, 2^8\})$	134217728
16	$\mathcal{O}(2; \{16^4, 4^4, 2^5\})$	536870912
16	$\mathcal{O}(2; \{16^4, 4^6, 2^2\})$	2147483648
16	$\mathcal{O}(2; \{16^4, 8^2, 4, 2^6\})$	1073741824
16	$\mathcal{O}(2; \{16^4, 8^2, 4^3, 2^3\})$	4294967296
16	$\mathcal{O}(2; \{16^4, 8^2, 4^5\})$	17179869184
16	$\mathcal{O}(2; \{16^4, 8^4, 2^4\})$	8589934592
16	$\mathcal{O}(2; \{16^4, 8^4, 4^2, 2\})$	34359738368
16	$\mathcal{O}(2; \{16^6, 8, 4, 2^4\})$	17179869184
16	$\mathcal{O}(2; \{16^6, 8, 4^3, 2\})$	68719476736
16	$\mathcal{O}(2; \{16^6, 8^3, 2^2\})$	137438953472
16	$\mathcal{O}(2; \{16^8, 4, 2^2\})$	274877906944
16	$\mathcal{O}(2; \{16^8, 8^2\})$	2199023255552
16	$\mathcal{O}(1; \{8^2, 2^{19}\})$	768
16	$\mathcal{O}(1; \{8^2, 4^2, 2^{16}\})$	3072
16	$\mathcal{O}(1; \{8^2, 4^4, 2^{13}\})$	12288
16	$\mathcal{O}(1; \{8^2, 4^6, 2^{10}\})$	49152
16	$\mathcal{O}(1; \{8^2, 4^8, 2^7\})$	196608
16	$\mathcal{O}(1; \{8^2, 4^{10}, 2^4\})$	786432
16	$\mathcal{O}(1; \{8^2, 4^{12}, 2\})$	3145728
16	$\mathcal{O}(1; \{8^4, 4, 2^{14}\})$	24576
16	$\mathcal{O}(1; \{8^4, 4^3, 2^{11}\})$	98304
16	$\mathcal{O}(1; \{8^4, 4^5, 2^8\})$	393216
16	$\mathcal{O}(1; \{8^4, 4^7, 2^5\})$	1572864
16	$\mathcal{O}(1; \{8^4, 4^9, 2^2\})$	6291456

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(1; \{8^6, 2^{12}\})$	196608
16	$\mathcal{O}(1; \{8^6, 4^2, 2^9\})$	786432
16	$\mathcal{O}(1; \{8^6, 4^4, 2^6\})$	3145728
16	$\mathcal{O}(1; \{8^6, 4^6, 2^3\})$	12582912
16	$\mathcal{O}(1; \{8^6, 4^8\})$	50331648
16	$\mathcal{O}(1; \{8^8, 4, 2^7\})$	6291456
16	$\mathcal{O}(1; \{8^8, 4^3, 2^4\})$	25165824
16	$\mathcal{O}(1; \{8^8, 4^5, 2\})$	100663296
16	$\mathcal{O}(1; \{8^{10}, 2^5\})$	50331648
16	$\mathcal{O}(1; \{8^{10}, 4^2, 2^2\})$	201326592
16	$\mathcal{O}(1; \{8^{12}, 4\})$	1610612736
16	$\mathcal{O}(1; \{16^2, 8, 2^{17}\})$	8192
16	$\mathcal{O}(1; \{16^2, 8, 4^2, 2^{14}\})$	32768
16	$\mathcal{O}(1; \{16^2, 8, 4^4, 2^{11}\})$	131072
16	$\mathcal{O}(1; \{16^2, 8, 4^6, 2^8\})$	524288
16	$\mathcal{O}(1; \{16^2, 8, 4^8, 2^5\})$	2097152
16	$\mathcal{O}(1; \{16^2, 8, 4^{10}, 2^2\})$	8388608
16	$\mathcal{O}(1; \{16^2, 8^3, 4, 2^{12}\})$	262144
16	$\mathcal{O}(1; \{16^2, 8^3, 4^3, 2^9\})$	1048576
16	$\mathcal{O}(1; \{16^2, 8^3, 4^5, 2^6\})$	4194304
16	$\mathcal{O}(1; \{16^2, 8^3, 4^7, 2^3\})$	16777216
16	$\mathcal{O}(1; \{16^2, 8^3, 4^9\})$	67108864
16	$\mathcal{O}(1; \{16^2, 8^5, 2^{10}\})$	2097152
16	$\mathcal{O}(1; \{16^2, 8^5, 4^2, 2^7\})$	8388608
16	$\mathcal{O}(1; \{16^2, 8^5, 4^4, 2^4\})$	33554432
16	$\mathcal{O}(1; \{16^2, 8^5, 4^6, 2\})$	134217728
16	$\mathcal{O}(1; \{16^2, 8^7, 4, 2^5\})$	67108864
16	$\mathcal{O}(1; \{16^2, 8^7, 4^3, 2^2\})$	268435456
16	$\mathcal{O}(1; \{16^2, 8^9, 2^3\})$	536870912
16	$\mathcal{O}(1; \{16^2, 8^9, 4^2\})$	2147483648
16	$\mathcal{O}(1; \{16^4, 2^{15}\})$	131072
16	$\mathcal{O}(1; \{16^4, 4^2, 2^{12}\})$	524288
16	$\mathcal{O}(1; \{16^4, 4^4, 2^9\})$	2097152
16	$\mathcal{O}(1; \{16^4, 4^6, 2^6\})$	8388608
16	$\mathcal{O}(1; \{16^4, 4^8, 2^3\})$	33554432
16	$\mathcal{O}(1; \{16^4, 4^{10}\})$	134217728
16	$\mathcal{O}(1; \{16^4, 8^2, 4, 2^{10}\})$	4194304
16	$\mathcal{O}(1; \{16^4, 8^2, 4^3, 2^7\})$	16777216
16	$\mathcal{O}(1; \{16^4, 8^2, 4^5, 2^4\})$	67108864
16	$\mathcal{O}(1; \{16^4, 8^2, 4^7, 2\})$	268435456
16	$\mathcal{O}(1; \{16^4, 8^4, 2^8\})$	33554432
16	$\mathcal{O}(1; \{16^4, 8^4, 4^2, 2^5\})$	134217728
16	$\mathcal{O}(1; \{16^4, 8^4, 4^4, 2^2\})$	536870912

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(1; \{16^4, 8^6, 4, 2^3\})$	1073741824
16	$\mathcal{O}(1; \{16^4, 8^6, 4^3\})$	4294967296
16	$\mathcal{O}(1; \{16^4, 8^8, 2\})$	8589934592
16	$\mathcal{O}(1; \{16^6, 8, 4, 2^8\})$	67108864
16	$\mathcal{O}(1; \{16^6, 8, 4^3, 2^5\})$	268435456
16	$\mathcal{O}(1; \{16^6, 8, 4^5, 2^2\})$	1073741824
16	$\mathcal{O}(1; \{16^6, 8^3, 2^6\})$	536870912
16	$\mathcal{O}(1; \{16^6, 8^3, 4^2, 2^3\})$	2147483648
16	$\mathcal{O}(1; \{16^6, 8^3, 4^4\})$	8589934592
16	$\mathcal{O}(1; \{16^6, 8^5, 4, 2\})$	17179869184
16	$\mathcal{O}(1; \{16^8, 4, 2^6\})$	1073741824
16	$\mathcal{O}(1; \{16^8, 4^3, 2^3\})$	4294967296
16	$\mathcal{O}(1; \{16^8, 4^5\})$	17179869184
16	$\mathcal{O}(1; \{16^8, 8^2, 2^4\})$	8589934592
16	$\mathcal{O}(1; \{16^8, 8^2, 4^2, 2\})$	34359738368
16	$\mathcal{O}(1; \{16^{10}, 8, 2^2\})$	137438953472
16	$\mathcal{O}(1; \{16^{12}\})$	2199023255552
16	$\mathcal{O}(0; \{16^2, 8, 2^{21}\})$	32
16	$\mathcal{O}(0; \{16^2, 8, 4^2, 2^{18}\})$	128
16	$\mathcal{O}(0; \{16^2, 8, 4^4, 2^{15}\})$	512
16	$\mathcal{O}(0; \{16^2, 8, 4^6, 2^{12}\})$	2048
16	$\mathcal{O}(0; \{16^2, 8, 4^8, 2^9\})$	8192
16	$\mathcal{O}(0; \{16^2, 8, 4^{10}, 2^6\})$	32768
16	$\mathcal{O}(0; \{16^2, 8, 4^{12}, 2^3\})$	131072
16	$\mathcal{O}(0; \{16^2, 8, 4^{14}\})$	524288
16	$\mathcal{O}(0; \{16^2, 8^3, 4, 2^{16}\})$	1024
16	$\mathcal{O}(0; \{16^2, 8^3, 4^3, 2^{13}\})$	4096
16	$\mathcal{O}(0; \{16^2, 8^3, 4^5, 2^{10}\})$	16384
16	$\mathcal{O}(0; \{16^2, 8^3, 4^7, 2^7\})$	65536
16	$\mathcal{O}(0; \{16^2, 8^3, 4^9, 2^4\})$	262144
16	$\mathcal{O}(0; \{16^2, 8^3, 4^{11}, 2\})$	1048576
16	$\mathcal{O}(0; \{16^2, 8^5, 2^{14}\})$	8192
16	$\mathcal{O}(0; \{16^2, 8^5, 4^2, 2^{11}\})$	32768
16	$\mathcal{O}(0; \{16^2, 8^5, 4^4, 2^8\})$	131072
16	$\mathcal{O}(0; \{16^2, 8^5, 4^6, 2^5\})$	524288
16	$\mathcal{O}(0; \{16^2, 8^5, 4^8, 2^2\})$	2097152
16	$\mathcal{O}(0; \{16^2, 8^7, 4, 2^9\})$	262144
16	$\mathcal{O}(0; \{16^2, 8^7, 4^3, 2^6\})$	1048576
16	$\mathcal{O}(0; \{16^2, 8^7, 4^5, 2^3\})$	4194304
16	$\mathcal{O}(0; \{16^2, 8^7, 4^7\})$	16777216
16	$\mathcal{O}(0; \{16^2, 8^9, 2^7\})$	2097152
16	$\mathcal{O}(0; \{16^2, 8^9, 4^2, 2^4\})$	8388608
16	$\mathcal{O}(0; \{16^2, 8^9, 4^4, 2\})$	33554432

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{16^2, 8^{11}, 4, 2^2\})$	67108864
16	$\mathcal{O}(0; \{16^2, 8^{13}\})$	536870912
16	$\mathcal{O}(0; \{16^4, 2^{19}\})$	512
16	$\mathcal{O}(0; \{16^4, 4^2, 2^{16}\})$	2048
16	$\mathcal{O}(0; \{16^4, 4^4, 2^{13}\})$	8192
16	$\mathcal{O}(0; \{16^4, 4^6, 2^{10}\})$	32768
16	$\mathcal{O}(0; \{16^4, 4^8, 2^7\})$	131072
16	$\mathcal{O}(0; \{16^4, 4^{10}, 2^4\})$	524288
16	$\mathcal{O}(0; \{16^4, 4^{12}, 2\})$	2097152
16	$\mathcal{O}(0; \{16^4, 8^2, 4, 2^{14}\})$	16384
16	$\mathcal{O}(0; \{16^4, 8^2, 4^3, 2^{11}\})$	65536
16	$\mathcal{O}(0; \{16^4, 8^2, 4^5, 2^8\})$	262144
16	$\mathcal{O}(0; \{16^4, 8^2, 4^7, 2^5\})$	1048576
16	$\mathcal{O}(0; \{16^4, 8^2, 4^9, 2^2\})$	4194304
16	$\mathcal{O}(0; \{16^4, 8^4, 2^{12}\})$	131072
16	$\mathcal{O}(0; \{16^4, 8^4, 4^2, 2^9\})$	524288
16	$\mathcal{O}(0; \{16^4, 8^4, 4^4, 2^6\})$	2097152
16	$\mathcal{O}(0; \{16^4, 8^4, 4^6, 2^3\})$	8388608
16	$\mathcal{O}(0; \{16^4, 8^4, 4^8\})$	33554432
16	$\mathcal{O}(0; \{16^4, 8^6, 4, 2^7\})$	4194304
16	$\mathcal{O}(0; \{16^4, 8^6, 4^3, 2^4\})$	16777216
16	$\mathcal{O}(0; \{16^4, 8^6, 4^5, 2\})$	67108864
16	$\mathcal{O}(0; \{16^4, 8^8, 2^5\})$	33554432
16	$\mathcal{O}(0; \{16^4, 8^8, 4^2, 2^2\})$	134217728
16	$\mathcal{O}(0; \{16^4, 8^{10}, 4\})$	1073741824
16	$\mathcal{O}(0; \{16^6, 8, 4, 2^{12}\})$	262144
16	$\mathcal{O}(0; \{16^6, 8, 4^3, 2^9\})$	1048576
16	$\mathcal{O}(0; \{16^6, 8, 4^5, 2^6\})$	4194304
16	$\mathcal{O}(0; \{16^6, 8, 4^7, 2^3\})$	16777216
16	$\mathcal{O}(0; \{16^6, 8, 4^9\})$	67108864
16	$\mathcal{O}(0; \{16^6, 8^3, 2^{10}\})$	2097152
16	$\mathcal{O}(0; \{16^6, 8^3, 4^2, 2^7\})$	8388608
16	$\mathcal{O}(0; \{16^6, 8^3, 4^4, 2^4\})$	33554432
16	$\mathcal{O}(0; \{16^6, 8^3, 4^6, 2\})$	134217728
16	$\mathcal{O}(0; \{16^6, 8^5, 4, 2^5\})$	67108864
16	$\mathcal{O}(0; \{16^6, 8^5, 4^3, 2^2\})$	268435456
16	$\mathcal{O}(0; \{16^6, 8^7, 2^3\})$	536870912
16	$\mathcal{O}(0; \{16^6, 8^7, 4^2\})$	2147483648
16	$\mathcal{O}(0; \{16^8, 4, 2^{10}\})$	4194304
16	$\mathcal{O}(0; \{16^8, 4^3, 2^7\})$	16777216
16	$\mathcal{O}(0; \{16^8, 4^5, 2^4\})$	67108864
16	$\mathcal{O}(0; \{16^8, 4^7, 2\})$	268435456
16	$\mathcal{O}(0; \{16^8, 8^2, 2^8\})$	33554432

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{16^8, 8^2, 4^2, 2^5\})$	134217728
16	$\mathcal{O}(0; \{16^8, 8^2, 4^4, 2^2\})$	536870912
16	$\mathcal{O}(0; \{16^8, 8^4, 4, 2^3\})$	1073741824
16	$\mathcal{O}(0; \{16^8, 8^4, 4^3\})$	4294967296
16	$\mathcal{O}(0; \{16^8, 8^6, 2\})$	8589934592
16	$\mathcal{O}(0; \{16^{10}, 8, 2^6\})$	536870912
16	$\mathcal{O}(0; \{16^{10}, 8, 4^2, 2^3\})$	2147483648
16	$\mathcal{O}(0; \{16^{10}, 8, 4^4\})$	8589934592
16	$\mathcal{O}(0; \{16^{10}, 8^3, 4, 2\})$	17179869184
16	$\mathcal{O}(0; \{16^{12}, 2^4\})$	8589934592
16	$\mathcal{O}(0; \{16^{12}, 4^2, 2\})$	34359738368
17	$\mathcal{O}(3; \{17^7\})$	381139938532080
18	$\mathcal{O}(6; \emptyset)$	1156546775638800
18	$\mathcal{O}(5; \{2^4\})$	3570406760448
18	$\mathcal{O}(5; \{3^3\})$	7133840070192
18	$\mathcal{O}(5; \{6, 3, 2\})$	7140813520896
18	$\mathcal{O}(4; \{2^8\})$	11018280960
18	$\mathcal{O}(4; \{3^3, 2^4\})$	22036561920
18	$\mathcal{O}(4; \{3^6\})$	241455297600
18	$\mathcal{O}(4; \{6, 3, 2^5\})$	22036561920
18	$\mathcal{O}(4; \{6, 3^4, 2\})$	110182809600
18	$\mathcal{O}(4; \{6^2, 3^2, 2^2\})$	66109685760
18	$\mathcal{O}(4; \{6^3, 2^3\})$	22036561920
18	$\mathcal{O}(4; \{6^4, 3\})$	110182809600
18	$\mathcal{O}(4; \{9^3, 3^2\})$	790337797560
18	$\mathcal{O}(4; \{9^3, 6, 2\})$	396718580736
18	$\mathcal{O}(4; \{18, 9, 3, 2^3\})$	132239526912
18	$\mathcal{O}(4; \{18, 9, 6, 3^2\})$	528958107648
18	$\mathcal{O}(4; \{18, 9, 6^2, 2\})$	264479053824
18	$\mathcal{O}(4; \{18^3, 3, 2\})$	396718580736
18	$\mathcal{O}(3; \{2^{12}\})$	33965568
18	$\mathcal{O}(3; \{3^3, 2^8\})$	67931136
18	$\mathcal{O}(3; \{3^6, 2^4\})$	747242496
18	$\mathcal{O}(3; \{3^9\})$	5683925520
18	$\mathcal{O}(3; \{6, 3, 2^9\})$	67931136
18	$\mathcal{O}(3; \{6, 3^4, 2^5\})$	339655680
18	$\mathcal{O}(3; \{6, 3^7, 2\})$	2921038848
18	$\mathcal{O}(3; \{6^2, 3^2, 2^6\})$	203793408
18	$\mathcal{O}(3; \{6^2, 3^5, 2^2\})$	1426553856
18	$\mathcal{O}(3; \{6^3, 2^7\})$	67931136
18	$\mathcal{O}(3; \{6^3, 3^3, 2^3\})$	747242496
18	$\mathcal{O}(3; \{6^4, 3, 2^4\})$	339655680
18	$\mathcal{O}(3; \{6^4, 3^4\})$	2921038848

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(3; \{6^5, 3^2, 2\})$	1426553856
18	$\mathcal{O}(3; \{6^6, 2^2\})$	747242496
18	$\mathcal{O}(3; \{9^3, 3^2, 2^4\})$	2448880128
18	$\mathcal{O}(3; \{9^3, 3^5\})$	19284931008
18	$\mathcal{O}(3; \{9^3, 6, 2^5\})$	1224440064
18	$\mathcal{O}(3; \{9^3, 6, 3^3, 2\})$	9795520512
18	$\mathcal{O}(3; \{9^3, 6^2, 3, 2^2\})$	4897760256
18	$\mathcal{O}(3; \{9^3, 6^4\})$	9795520512
18	$\mathcal{O}(3; \{9^6, 3\})$	357976531836
18	$\mathcal{O}(3; \{18, 9, 3, 2^7\})$	408146688
18	$\mathcal{O}(3; \{18, 9, 3^4, 2^3\})$	3265173504
18	$\mathcal{O}(3; \{18, 9, 6, 3^2, 2^4\})$	1632586752
18	$\mathcal{O}(3; \{18, 9, 6, 3^5\})$	13060694016
18	$\mathcal{O}(3; \{18, 9, 6^2, 2^5\})$	816293376
18	$\mathcal{O}(3; \{18, 9, 6^2, 3^3, 2\})$	6530347008
18	$\mathcal{O}(3; \{18, 9, 6^3, 3, 2^2\})$	3265173504
18	$\mathcal{O}(3; \{18, 9, 6^5\})$	6530347008
18	$\mathcal{O}(3; \{18, 9^4, 2^3\})$	27549901440
18	$\mathcal{O}(3; \{18, 9^4, 6, 3\})$	110199605760
18	$\mathcal{O}(3; \{18^2, 9^2, 3^2, 2^2\})$	22039921152
18	$\mathcal{O}(3; \{18^2, 9^2, 6, 2^3\})$	11019960576
18	$\mathcal{O}(3; \{18^2, 9^2, 6^2, 3\})$	44079842304
18	$\mathcal{O}(3; \{18^3, 3, 2^5\})$	1224440064
18	$\mathcal{O}(3; \{18^3, 3^4, 2\})$	9795520512
18	$\mathcal{O}(3; \{18^3, 6, 3^2, 2^2\})$	4897760256
18	$\mathcal{O}(3; \{18^3, 6^2, 2^3\})$	2448880128
18	$\mathcal{O}(3; \{18^3, 6^3, 3\})$	9795520512
18	$\mathcal{O}(3; \{18^3, 9^3, 2\})$	181829349504
18	$\mathcal{O}(3; \{18^4, 9, 3^2\})$	110199605760
18	$\mathcal{O}(3; \{18^4, 9, 6, 2\})$	55099802880
18	$\mathcal{O}(2; \{2^{16}\})$	103680
18	$\mathcal{O}(2; \{3^3, 2^{12}\})$	207360
18	$\mathcal{O}(2; \{3^6, 2^8\})$	2280960
18	$\mathcal{O}(2; \{3^9, 2^4\})$	17625600
18	$\mathcal{O}(2; \{3^{12}\})$	132775200
18	$\mathcal{O}(2; \{6, 3, 2^{13}\})$	207360
18	$\mathcal{O}(2; \{6, 3^4, 2^9\})$	1036800
18	$\mathcal{O}(2; \{6, 3^7, 2^5\})$	8916480
18	$\mathcal{O}(2; \{6, 3^{10}, 2\})$	70709760
18	$\mathcal{O}(2; \{6^2, 3^2, 2^{10}\})$	622080
18	$\mathcal{O}(2; \{6^2, 3^5, 2^6\})$	4354560
18	$\mathcal{O}(2; \{6^2, 3^8, 2^2\})$	35458560
18	$\mathcal{O}(2; \{6^3, 2^{11}\})$	207360

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(2; \{6^3, 3^3, 2^7\})$	2280960
18	$\mathcal{O}(2; \{6^3, 3^6, 2^3\})$	17625600
18	$\mathcal{O}(2; \{6^4, 3, 2^8\})$	1036800
18	$\mathcal{O}(2; \{6^4, 3^4, 2^4\})$	8916480
18	$\mathcal{O}(2; \{6^4, 3^7\})$	70709760
18	$\mathcal{O}(2; \{6^5, 3^2, 2^5\})$	4354560
18	$\mathcal{O}(2; \{6^5, 3^5, 2\})$	35458560
18	$\mathcal{O}(2; \{6^6, 2^6\})$	2280960
18	$\mathcal{O}(2; \{6^6, 3^3, 2^2\})$	17625600
18	$\mathcal{O}(2; \{6^7, 3, 2^3\})$	8916480
18	$\mathcal{O}(2; \{6^8, 3^2\})$	35458560
18	$\mathcal{O}(2; \{6^9, 2\})$	17625600
18	$\mathcal{O}(2; \{9^3, 3^2, 2^8\})$	7558272
18	$\mathcal{O}(2; \{9^3, 3^5, 2^4\})$	60466176
18	$\mathcal{O}(2; \{9^3, 3^8\})$	453496320
18	$\mathcal{O}(2; \{9^3, 6, 2^9\})$	3779136
18	$\mathcal{O}(2; \{9^3, 6, 3^3, 2^5\})$	30233088
18	$\mathcal{O}(2; \{9^3, 6, 3^6, 2\})$	241864704
18	$\mathcal{O}(2; \{9^3, 6^2, 3, 2^6\})$	15116544
18	$\mathcal{O}(2; \{9^3, 6^2, 3^4, 2^2\})$	120932352
18	$\mathcal{O}(2; \{9^3, 6^3, 3^2, 2^3\})$	60466176
18	$\mathcal{O}(2; \{9^3, 6^4, 2^4\})$	30233088
18	$\mathcal{O}(2; \{9^3, 6^4, 3^3\})$	241864704
18	$\mathcal{O}(2; \{9^3, 6^5, 3, 2\})$	120932352
18	$\mathcal{O}(2; \{9^6, 3, 2^4\})$	1122403392
18	$\mathcal{O}(2; \{9^6, 3^4\})$	8418025440
18	$\mathcal{O}(2; \{9^6, 6, 3^2, 2\})$	4489613568
18	$\mathcal{O}(2; \{9^6, 6^2, 2^2\})$	2244806784
18	$\mathcal{O}(2; \{9^9\})$	109769138550
18	$\mathcal{O}(2; \{18, 9, 3, 2^{11}\})$	1259712
18	$\mathcal{O}(2; \{18, 9, 3^4, 2^7\})$	10077696
18	$\mathcal{O}(2; \{18, 9, 3^7, 2^3\})$	80621568
18	$\mathcal{O}(2; \{18, 9, 6, 3^2, 2^8\})$	5038848
18	$\mathcal{O}(2; \{18, 9, 6, 3^5, 2^4\})$	40310784
18	$\mathcal{O}(2; \{18, 9, 6, 3^8\})$	322486272
18	$\mathcal{O}(2; \{18, 9, 6^2, 2^9\})$	2519424
18	$\mathcal{O}(2; \{18, 9, 6^2, 3^3, 2^5\})$	20155392
18	$\mathcal{O}(2; \{18, 9, 6^2, 3^6, 2\})$	161243136
18	$\mathcal{O}(2; \{18, 9, 6^3, 3, 2^6\})$	10077696
18	$\mathcal{O}(2; \{18, 9, 6^3, 3^4, 2^2\})$	80621568
18	$\mathcal{O}(2; \{18, 9, 6^4, 3^2, 2^3\})$	40310784
18	$\mathcal{O}(2; \{18, 9, 6^5, 2^4\})$	20155392
18	$\mathcal{O}(2; \{18, 9, 6^5, 3^3\})$	161243136

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(2; \{18, 9, 6^6, 3, 2\})$	80621568
18	$\mathcal{O}(2; \{18, 9^4, 2^7\})$	85030560
18	$\mathcal{O}(2; \{18, 9^4, 3^3, 2^3\})$	680244480
18	$\mathcal{O}(2; \{18, 9^4, 6, 3, 2^4\})$	340122240
18	$\mathcal{O}(2; \{18, 9^4, 6, 3^4\})$	2720977920
18	$\mathcal{O}(2; \{18, 9^4, 6^2, 3^2, 2\})$	1360488960
18	$\mathcal{O}(2; \{18, 9^4, 6^3, 2^2\})$	680244480
18	$\mathcal{O}(2; \{18, 9^7, 6\})$	39488192064
18	$\mathcal{O}(2; \{18^2, 9^2, 3^2, 2^6\})$	68024448
18	$\mathcal{O}(2; \{18^2, 9^2, 3^5, 2^2\})$	544195584
18	$\mathcal{O}(2; \{18^2, 9^2, 6, 2^7\})$	34012224
18	$\mathcal{O}(2; \{18^2, 9^2, 6, 3^3, 2^3\})$	272097792
18	$\mathcal{O}(2; \{18^2, 9^2, 6^2, 3, 2^4\})$	136048896
18	$\mathcal{O}(2; \{18^2, 9^2, 6^2, 3^4\})$	1088391168
18	$\mathcal{O}(2; \{18^2, 9^2, 6^3, 3^2, 2\})$	544195584
18	$\mathcal{O}(2; \{18^2, 9^2, 6^4, 2^2\})$	272097792
18	$\mathcal{O}(2; \{18^2, 9^5, 3, 2^2\})$	6428310336
18	$\mathcal{O}(2; \{18^2, 9^5, 6^2\})$	12856620672
18	$\mathcal{O}(2; \{18^3, 3, 2^9\})$	3779136
18	$\mathcal{O}(2; \{18^3, 3^4, 2^5\})$	30233088
18	$\mathcal{O}(2; \{18^3, 3^7, 2\})$	241864704
18	$\mathcal{O}(2; \{18^3, 6, 3^2, 2^6\})$	15116544
18	$\mathcal{O}(2; \{18^3, 6, 3^5, 2^2\})$	120932352
18	$\mathcal{O}(2; \{18^3, 6^2, 2^7\})$	7558272
18	$\mathcal{O}(2; \{18^3, 6^2, 3^3, 2^3\})$	60466176
18	$\mathcal{O}(2; \{18^3, 6^3, 3, 2^4\})$	30233088
18	$\mathcal{O}(2; \{18^3, 6^3, 3^4\})$	241864704
18	$\mathcal{O}(2; \{18^3, 6^4, 3^2, 2\})$	120932352
18	$\mathcal{O}(2; \{18^3, 6^5, 2^2\})$	60466176
18	$\mathcal{O}(2; \{18^3, 9^3, 2^5\})$	561201696
18	$\mathcal{O}(2; \{18^3, 9^3, 3^3, 2\})$	4489613568
18	$\mathcal{O}(2; \{18^3, 9^3, 6, 3, 2^2\})$	2244806784
18	$\mathcal{O}(2; \{18^3, 9^3, 6^3\})$	4489613568
18	$\mathcal{O}(2; \{18^4, 9, 3^2, 2^4\})$	340122240
18	$\mathcal{O}(2; \{18^4, 9, 3^5\})$	2720977920
18	$\mathcal{O}(2; \{18^4, 9, 6, 2^5\})$	170061120
18	$\mathcal{O}(2; \{18^4, 9, 6, 3^3, 2\})$	1360488960
18	$\mathcal{O}(2; \{18^4, 9, 6^2, 3, 2^2\})$	680244480
18	$\mathcal{O}(2; \{18^4, 9, 6^4\})$	1360488960
18	$\mathcal{O}(2; \{18^4, 9^4, 3\})$	39488192064
18	$\mathcal{O}(2; \{18^5, 9^2, 2^3\})$	3214155168
18	$\mathcal{O}(2; \{18^5, 9^2, 6, 3\})$	12856620672
18	$\mathcal{O}(2; \{18^6, 3^2, 2^2\})$	2244806784

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(2; \{18^6, 6, 2^3\})$	1122403392
18	$\mathcal{O}(2; \{18^6, 6^2, 3\})$	4489613568
18	$\mathcal{O}(2; \{18^7, 9, 2\})$	19744096032
18	$\mathcal{O}(1; \{2^{20}\})$	288
18	$\mathcal{O}(1; \{3^3, 2^{16}\})$	576
18	$\mathcal{O}(1; \{3^6, 2^{12}\})$	6336
18	$\mathcal{O}(1; \{3^9, 2^8\})$	48960
18	$\mathcal{O}(1; \{3^{12}, 2^4\})$	393408
18	$\mathcal{O}(1; \{3^{15}\})$	2359152
18	$\mathcal{O}(1; \{6, 3, 2^{17}\})$	576
18	$\mathcal{O}(1; \{6, 3^4, 2^{13}\})$	2880
18	$\mathcal{O}(1; \{6, 3^7, 2^9\})$	24768
18	$\mathcal{O}(1; \{6, 3^{10}, 2^5\})$	196416
18	$\mathcal{O}(1; \{6, 3^{13}, 2\})$	1573056
18	$\mathcal{O}(1; \{6^2, 3^2, 2^{14}\})$	1728
18	$\mathcal{O}(1; \{6^2, 3^5, 2^{10}\})$	12096
18	$\mathcal{O}(1; \{6^2, 3^8, 2^6\})$	98496
18	$\mathcal{O}(1; \{6^2, 3^{11}, 2^2\})$	786240
18	$\mathcal{O}(1; \{6^3, 2^{15}\})$	576
18	$\mathcal{O}(1; \{6^3, 3^3, 2^{11}\})$	6336
18	$\mathcal{O}(1; \{6^3, 3^6, 2^7\})$	48960
18	$\mathcal{O}(1; \{6^3, 3^9, 2^3\})$	393408
18	$\mathcal{O}(1; \{6^4, 3, 2^{12}\})$	2880
18	$\mathcal{O}(1; \{6^4, 3^4, 2^8\})$	24768
18	$\mathcal{O}(1; \{6^4, 3^7, 2^4\})$	196416
18	$\mathcal{O}(1; \{6^4, 3^{10}\})$	1573056
18	$\mathcal{O}(1; \{6^5, 3^2, 2^9\})$	12096
18	$\mathcal{O}(1; \{6^5, 3^5, 2^5\})$	98496
18	$\mathcal{O}(1; \{6^5, 3^8, 2\})$	786240
18	$\mathcal{O}(1; \{6^6, 2^{10}\})$	6336
18	$\mathcal{O}(1; \{6^6, 3^3, 2^6\})$	48960
18	$\mathcal{O}(1; \{6^6, 3^6, 2^2\})$	393408
18	$\mathcal{O}(1; \{6^7, 3, 2^7\})$	24768
18	$\mathcal{O}(1; \{6^7, 3^4, 2^3\})$	196416
18	$\mathcal{O}(1; \{6^8, 3^2, 2^4\})$	98496
18	$\mathcal{O}(1; \{6^8, 3^5\})$	786240
18	$\mathcal{O}(1; \{6^9, 2^5\})$	48960
18	$\mathcal{O}(1; \{6^9, 3^3, 2\})$	393408
18	$\mathcal{O}(1; \{6^{10}, 3, 2^2\})$	196416
18	$\mathcal{O}(1; \{6^{12}\})$	393408
18	$\mathcal{O}(1; \{9^3, 3^2, 2^{12}\})$	23328
18	$\mathcal{O}(1; \{9^3, 3^5, 2^8\})$	186624
18	$\mathcal{O}(1; \{9^3, 3^8, 2^4\})$	1492992

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{9^3, 3^{11}\})$	8957952
18	$\mathcal{O}(1; \{9^3, 6, 2^{13}\})$	11664
18	$\mathcal{O}(1; \{9^3, 6, 3^3, 2^9\})$	93312
18	$\mathcal{O}(1; \{9^3, 6, 3^6, 2^5\})$	746496
18	$\mathcal{O}(1; \{9^3, 6, 3^9, 2\})$	5971968
18	$\mathcal{O}(1; \{9^3, 6^2, 3, 2^{10}\})$	46656
18	$\mathcal{O}(1; \{9^3, 6^2, 3^4, 2^6\})$	373248
18	$\mathcal{O}(1; \{9^3, 6^2, 3^7, 2^2\})$	2985984
18	$\mathcal{O}(1; \{9^3, 6^3, 3^2, 2^7\})$	186624
18	$\mathcal{O}(1; \{9^3, 6^3, 3^5, 2^3\})$	1492992
18	$\mathcal{O}(1; \{9^3, 6^4, 2^8\})$	93312
18	$\mathcal{O}(1; \{9^3, 6^4, 3^3, 2^4\})$	746496
18	$\mathcal{O}(1; \{9^3, 6^4, 3^6\})$	5971968
18	$\mathcal{O}(1; \{9^3, 6^5, 3, 2^5\})$	373248
18	$\mathcal{O}(1; \{9^3, 6^5, 3^4, 2\})$	2985984
18	$\mathcal{O}(1; \{9^3, 6^6, 3^2, 2^2\})$	1492992
18	$\mathcal{O}(1; \{9^3, 6^7, 2^3\})$	746496
18	$\mathcal{O}(1; \{9^3, 6^8, 3\})$	2985984
18	$\mathcal{O}(1; \{9^6, 3, 2^8\})$	3464208
18	$\mathcal{O}(1; \{9^6, 3^4, 2^4\})$	27713664
18	$\mathcal{O}(1; \{9^6, 3^7\})$	166281984
18	$\mathcal{O}(1; \{9^6, 6, 3^2, 2^5\})$	13856832
18	$\mathcal{O}(1; \{9^6, 6, 3^5, 2\})$	110854656
18	$\mathcal{O}(1; \{9^6, 6^2, 2^6\})$	6928416
18	$\mathcal{O}(1; \{9^6, 6^2, 3^3, 2^2\})$	55427328
18	$\mathcal{O}(1; \{9^6, 6^3, 3, 2^3\})$	27713664
18	$\mathcal{O}(1; \{9^6, 6^4, 3^2\})$	110854656
18	$\mathcal{O}(1; \{9^6, 6^5, 2\})$	55427328
18	$\mathcal{O}(1; \{9^9, 2^4\})$	361379880
18	$\mathcal{O}(1; \{9^9, 3^3\})$	2168279280
18	$\mathcal{O}(1; \{9^9, 6, 3, 2\})$	1445519520
18	$\mathcal{O}(1; \{18, 9, 3, 2^{15}\})$	3888
18	$\mathcal{O}(1; \{18, 9, 3^4, 2^{11}\})$	31104
18	$\mathcal{O}(1; \{18, 9, 3^7, 2^7\})$	248832
18	$\mathcal{O}(1; \{18, 9, 3^{10}, 2^3\})$	1990656
18	$\mathcal{O}(1; \{18, 9, 6, 3^2, 2^{12}\})$	15552
18	$\mathcal{O}(1; \{18, 9, 6, 3^5, 2^8\})$	124416
18	$\mathcal{O}(1; \{18, 9, 6, 3^8, 2^4\})$	995328
18	$\mathcal{O}(1; \{18, 9, 6, 3^{11}\})$	7962624
18	$\mathcal{O}(1; \{18, 9, 6^2, 2^{13}\})$	7776
18	$\mathcal{O}(1; \{18, 9, 6^2, 3^3, 2^9\})$	62208
18	$\mathcal{O}(1; \{18, 9, 6^2, 3^6, 2^5\})$	497664
18	$\mathcal{O}(1; \{18, 9, 6^2, 3^9, 2\})$	3981312

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18, 9, 6^3, 3, 2^{10}\})$	31104
18	$\mathcal{O}(1; \{18, 9, 6^3, 3^4, 2^6\})$	248832
18	$\mathcal{O}(1; \{18, 9, 6^3, 3^7, 2^2\})$	1990656
18	$\mathcal{O}(1; \{18, 9, 6^4, 3^2, 2^7\})$	124416
18	$\mathcal{O}(1; \{18, 9, 6^4, 3^5, 2^3\})$	995328
18	$\mathcal{O}(1; \{18, 9, 6^5, 2^8\})$	62208
18	$\mathcal{O}(1; \{18, 9, 6^5, 3^3, 2^4\})$	497664
18	$\mathcal{O}(1; \{18, 9, 6^5, 3^6\})$	3981312
18	$\mathcal{O}(1; \{18, 9, 6^6, 3, 2^5\})$	248832
18	$\mathcal{O}(1; \{18, 9, 6^6, 3^4, 2\})$	1990656
18	$\mathcal{O}(1; \{18, 9, 6^7, 3^2, 2^2\})$	995328
18	$\mathcal{O}(1; \{18, 9, 6^8, 2^3\})$	497664
18	$\mathcal{O}(1; \{18, 9, 6^9, 3\})$	1990656
18	$\mathcal{O}(1; \{18, 9^4, 2^{11}\})$	262440
18	$\mathcal{O}(1; \{18, 9^4, 3^3, 2^7\})$	2099520
18	$\mathcal{O}(1; \{18, 9^4, 3^6, 2^3\})$	16796160
18	$\mathcal{O}(1; \{18, 9^4, 6, 3, 2^8\})$	1049760
18	$\mathcal{O}(1; \{18, 9^4, 6, 3^4, 2^4\})$	8398080
18	$\mathcal{O}(1; \{18, 9^4, 6, 3^7\})$	67184640
18	$\mathcal{O}(1; \{18, 9^4, 6^2, 3^2, 2^5\})$	4199040
18	$\mathcal{O}(1; \{18, 9^4, 6^2, 3^5, 2\})$	33592320
18	$\mathcal{O}(1; \{18, 9^4, 6^3, 2^6\})$	2099520
18	$\mathcal{O}(1; \{18, 9^4, 6^3, 3^3, 2^2\})$	16796160
18	$\mathcal{O}(1; \{18, 9^4, 6^4, 3, 2^3\})$	8398080
18	$\mathcal{O}(1; \{18, 9^4, 6^5, 3^2\})$	33592320
18	$\mathcal{O}(1; \{18, 9^4, 6^6, 2\})$	16796160
18	$\mathcal{O}(1; \{18, 9^7, 3^2, 2^3\})$	243754272
18	$\mathcal{O}(1; \{18, 9^7, 6, 2^4\})$	121877136
18	$\mathcal{O}(1; \{18, 9^7, 6, 3^3\})$	975017088
18	$\mathcal{O}(1; \{18, 9^7, 6^2, 3, 2\})$	487508544
18	$\mathcal{O}(1; \{18^2, 9^2, 3^2, 2^{10}\})$	209952
18	$\mathcal{O}(1; \{18^2, 9^2, 3^5, 2^6\})$	1679616
18	$\mathcal{O}(1; \{18^2, 9^2, 3^8, 2^2\})$	13436928
18	$\mathcal{O}(1; \{18^2, 9^2, 6, 2^{11}\})$	104976
18	$\mathcal{O}(1; \{18^2, 9^2, 6, 3^3, 2^7\})$	839808
18	$\mathcal{O}(1; \{18^2, 9^2, 6, 3^6, 2^3\})$	6718464
18	$\mathcal{O}(1; \{18^2, 9^2, 6^2, 3, 2^8\})$	419904
18	$\mathcal{O}(1; \{18^2, 9^2, 6^2, 3^4, 2^4\})$	3359232
18	$\mathcal{O}(1; \{18^2, 9^2, 6^2, 3^7\})$	26873856
18	$\mathcal{O}(1; \{18^2, 9^2, 6^3, 3^2, 2^5\})$	1679616
18	$\mathcal{O}(1; \{18^2, 9^2, 6^3, 3^5, 2\})$	13436928
18	$\mathcal{O}(1; \{18^2, 9^2, 6^4, 2^6\})$	839808
18	$\mathcal{O}(1; \{18^2, 9^2, 6^4, 3^3, 2^2\})$	6718464

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18^2, 9^2, 6^5, 3, 2^3\})$	3359232
18	$\mathcal{O}(1; \{18^2, 9^2, 6^6, 3^2\})$	13436928
18	$\mathcal{O}(1; \{18^2, 9^2, 6^7, 2\})$	6718464
18	$\mathcal{O}(1; \{18^2, 9^5, 3, 2^6\})$	19840464
18	$\mathcal{O}(1; \{18^2, 9^5, 3^4, 2^2\})$	158723712
18	$\mathcal{O}(1; \{18^2, 9^5, 6, 3^2, 2^3\})$	79361856
18	$\mathcal{O}(1; \{18^2, 9^5, 6^2, 2^4\})$	39680928
18	$\mathcal{O}(1; \{18^2, 9^5, 6^2, 3^3\})$	317447424
18	$\mathcal{O}(1; \{18^2, 9^5, 6^3, 3, 2\})$	158723712
18	$\mathcal{O}(1; \{18^2, 9^8, 2^2\})$	2181033864
18	$\mathcal{O}(1; \{18^3, 3, 2^{13}\})$	11664
18	$\mathcal{O}(1; \{18^3, 3^4, 2^9\})$	93312
18	$\mathcal{O}(1; \{18^3, 3^7, 2^5\})$	746496
18	$\mathcal{O}(1; \{18^3, 3^{10}, 2\})$	5971968
18	$\mathcal{O}(1; \{18^3, 6, 3^2, 2^{10}\})$	46656
18	$\mathcal{O}(1; \{18^3, 6, 3^5, 2^6\})$	373248
18	$\mathcal{O}(1; \{18^3, 6, 3^8, 2^2\})$	2985984
18	$\mathcal{O}(1; \{18^3, 6^2, 2^{11}\})$	23328
18	$\mathcal{O}(1; \{18^3, 6^2, 3^3, 2^7\})$	186624
18	$\mathcal{O}(1; \{18^3, 6^2, 3^6, 2^3\})$	1492992
18	$\mathcal{O}(1; \{18^3, 6^3, 3, 2^8\})$	93312
18	$\mathcal{O}(1; \{18^3, 6^3, 3^4, 2^4\})$	746496
18	$\mathcal{O}(1; \{18^3, 6^3, 3^7\})$	5971968
18	$\mathcal{O}(1; \{18^3, 6^4, 3^2, 2^5\})$	373248
18	$\mathcal{O}(1; \{18^3, 6^4, 3^5, 2\})$	2985984
18	$\mathcal{O}(1; \{18^3, 6^5, 2^6\})$	186624
18	$\mathcal{O}(1; \{18^3, 6^5, 3^3, 2^2\})$	1492992
18	$\mathcal{O}(1; \{18^3, 6^6, 3, 2^3\})$	746496
18	$\mathcal{O}(1; \{18^3, 6^7, 3^2\})$	2985984
18	$\mathcal{O}(1; \{18^3, 6^8, 2\})$	1492992
18	$\mathcal{O}(1; \{18^3, 9^3, 2^9\})$	1732104
18	$\mathcal{O}(1; \{18^3, 9^3, 3^3, 2^5\})$	13856832
18	$\mathcal{O}(1; \{18^3, 9^3, 3^6, 2\})$	110854656
18	$\mathcal{O}(1; \{18^3, 9^3, 6, 3, 2^6\})$	6928416
18	$\mathcal{O}(1; \{18^3, 9^3, 6, 3^4, 2^2\})$	55427328
18	$\mathcal{O}(1; \{18^3, 9^3, 6^2, 3^2, 2^3\})$	27713664
18	$\mathcal{O}(1; \{18^3, 9^3, 6^3, 2^4\})$	13856832
18	$\mathcal{O}(1; \{18^3, 9^3, 6^3, 3^3\})$	110854656
18	$\mathcal{O}(1; \{18^3, 9^3, 6^4, 3, 2\})$	55427328
18	$\mathcal{O}(1; \{18^3, 9^6, 3^2, 2\})$	1445519520
18	$\mathcal{O}(1; \{18^3, 9^6, 6, 2^2\})$	722759760
18	$\mathcal{O}(1; \{18^4, 9, 3^2, 2^8\})$	1049760
18	$\mathcal{O}(1; \{18^4, 9, 3^5, 2^4\})$	8398080

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18^4, 9, 3^8\})$	67184640
18	$\mathcal{O}(1; \{18^4, 9, 6, 2^9\})$	524880
18	$\mathcal{O}(1; \{18^4, 9, 6, 3^3, 2^5\})$	4199040
18	$\mathcal{O}(1; \{18^4, 9, 6, 3^6, 2\})$	33592320
18	$\mathcal{O}(1; \{18^4, 9, 6^2, 3, 2^6\})$	2099520
18	$\mathcal{O}(1; \{18^4, 9, 6^2, 3^4, 2^2\})$	16796160
18	$\mathcal{O}(1; \{18^4, 9, 6^3, 3^2, 2^3\})$	8398080
18	$\mathcal{O}(1; \{18^4, 9, 6^4, 2^4\})$	4199040
18	$\mathcal{O}(1; \{18^4, 9, 6^4, 3^3\})$	33592320
18	$\mathcal{O}(1; \{18^4, 9, 6^5, 3, 2\})$	16796160
18	$\mathcal{O}(1; \{18^4, 9^4, 3, 2^4\})$	121877136
18	$\mathcal{O}(1; \{18^4, 9^4, 3^4\})$	975017088
18	$\mathcal{O}(1; \{18^4, 9^4, 6, 3^2, 2\})$	487508544
18	$\mathcal{O}(1; \{18^4, 9^4, 6^2, 2^2\})$	243754272
18	$\mathcal{O}(1; \{18^4, 9^7\})$	13047939432
18	$\mathcal{O}(1; \{18^5, 9^2, 2^7\})$	9920232
18	$\mathcal{O}(1; \{18^5, 9^2, 3^3, 2^3\})$	79361856
18	$\mathcal{O}(1; \{18^5, 9^2, 6, 3, 2^4\})$	39680928
18	$\mathcal{O}(1; \{18^5, 9^2, 6, 3^4\})$	317447424
18	$\mathcal{O}(1; \{18^5, 9^2, 6^2, 3^2, 2\})$	158723712
18	$\mathcal{O}(1; \{18^5, 9^2, 6^3, 2^2\})$	79361856
18	$\mathcal{O}(1; \{18^5, 9^5, 6\})$	4362067728
18	$\mathcal{O}(1; \{18^6, 3^2, 2^6\})$	6928416
18	$\mathcal{O}(1; \{18^6, 3^5, 2^2\})$	55427328
18	$\mathcal{O}(1; \{18^6, 6, 2^7\})$	3464208
18	$\mathcal{O}(1; \{18^6, 6, 3^3, 2^3\})$	27713664
18	$\mathcal{O}(1; \{18^6, 6^2, 3, 2^4\})$	13856832
18	$\mathcal{O}(1; \{18^6, 6^2, 3^4\})$	110854656
18	$\mathcal{O}(1; \{18^6, 6^3, 3^2, 2\})$	55427328
18	$\mathcal{O}(1; \{18^6, 6^4, 2^2\})$	27713664
18	$\mathcal{O}(1; \{18^6, 9^3, 3, 2^2\})$	722759760
18	$\mathcal{O}(1; \{18^6, 9^3, 6^2\})$	1445519520
18	$\mathcal{O}(1; \{18^7, 9, 2^5\})$	60938568
18	$\mathcal{O}(1; \{18^7, 9, 3^3, 2\})$	487508544
18	$\mathcal{O}(1; \{18^7, 9, 6, 3, 2^2\})$	243754272
18	$\mathcal{O}(1; \{18^7, 9, 6^3\})$	487508544
18	$\mathcal{O}(1; \{18^8, 9^2, 3\})$	4362067728
18	$\mathcal{O}(1; \{18^9, 2^3\})$	361379880
18	$\mathcal{O}(1; \{18^9, 6, 3\})$	1445519520
18	$\mathcal{O}(0; \{9^3, 3^2, 2^{16}\})$	72
18	$\mathcal{O}(0; \{9^3, 3^5, 2^{12}\})$	576
18	$\mathcal{O}(0; \{9^3, 3^8, 2^8\})$	4608
18	$\mathcal{O}(0; \{9^3, 3^{11}, 2^4\})$	36864

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{9^3, 6, 2^{17}\})$	36
18	$\mathcal{O}(0; \{9^3, 6, 3^3, 2^{13}\})$	288
18	$\mathcal{O}(0; \{9^3, 6, 3^6, 2^9\})$	2304
18	$\mathcal{O}(0; \{9^3, 6, 3^9, 2^5\})$	18432
18	$\mathcal{O}(0; \{9^3, 6, 3^{12}, 2\})$	147456
18	$\mathcal{O}(0; \{9^3, 6^2, 3, 2^{14}\})$	144
18	$\mathcal{O}(0; \{9^3, 6^2, 3^4, 2^{10}\})$	1152
18	$\mathcal{O}(0; \{9^3, 6^2, 3^7, 2^6\})$	9216
18	$\mathcal{O}(0; \{9^3, 6^2, 3^{10}, 2^2\})$	73728
18	$\mathcal{O}(0; \{9^3, 6^3, 3^2, 2^{11}\})$	576
18	$\mathcal{O}(0; \{9^3, 6^3, 3^5, 2^7\})$	4608
18	$\mathcal{O}(0; \{9^3, 6^3, 3^8, 2^3\})$	36864
18	$\mathcal{O}(0; \{9^3, 6^4, 2^{12}\})$	288
18	$\mathcal{O}(0; \{9^3, 6^4, 3^3, 2^8\})$	2304
18	$\mathcal{O}(0; \{9^3, 6^4, 3^6, 2^4\})$	18432
18	$\mathcal{O}(0; \{9^3, 6^4, 3^9\})$	147456
18	$\mathcal{O}(0; \{9^3, 6^5, 3, 2^9\})$	1152
18	$\mathcal{O}(0; \{9^3, 6^5, 3^4, 2^5\})$	9216
18	$\mathcal{O}(0; \{9^3, 6^5, 3^7, 2\})$	73728
18	$\mathcal{O}(0; \{9^3, 6^6, 3^2, 2^6\})$	4608
18	$\mathcal{O}(0; \{9^3, 6^6, 3^5, 2^2\})$	36864
18	$\mathcal{O}(0; \{9^3, 6^7, 2^7\})$	2304
18	$\mathcal{O}(0; \{9^3, 6^7, 3^3, 2^3\})$	18432
18	$\mathcal{O}(0; \{9^3, 6^8, 3, 2^4\})$	9216
18	$\mathcal{O}(0; \{9^3, 6^8, 3^4\})$	73728
18	$\mathcal{O}(0; \{9^3, 6^9, 3^2, 2\})$	36864
18	$\mathcal{O}(0; \{9^3, 6^{10}, 2^2\})$	18432
18	$\mathcal{O}(0; \{9^6, 3, 2^{12}\})$	10692
18	$\mathcal{O}(0; \{9^6, 3^4, 2^8\})$	85536
18	$\mathcal{O}(0; \{9^6, 3^7, 2^4\})$	684288
18	$\mathcal{O}(0; \{9^6, 6, 3^2, 2^9\})$	42768
18	$\mathcal{O}(0; \{9^6, 6, 3^5, 2^5\})$	342144
18	$\mathcal{O}(0; \{9^6, 6, 3^8, 2\})$	2737152
18	$\mathcal{O}(0; \{9^6, 6^2, 2^{10}\})$	21384
18	$\mathcal{O}(0; \{9^6, 6^2, 3^3, 2^6\})$	171072
18	$\mathcal{O}(0; \{9^6, 6^2, 3^6, 2^2\})$	1368576
18	$\mathcal{O}(0; \{9^6, 6^3, 3, 2^7\})$	85536
18	$\mathcal{O}(0; \{9^6, 6^3, 3^4, 2^3\})$	684288
18	$\mathcal{O}(0; \{9^6, 6^4, 3^2, 2^4\})$	342144
18	$\mathcal{O}(0; \{9^6, 6^4, 3^5\})$	2737152
18	$\mathcal{O}(0; \{9^6, 6^5, 2^5\})$	171072
18	$\mathcal{O}(0; \{9^6, 6^5, 3^3, 2\})$	1368576
18	$\mathcal{O}(0; \{9^6, 6^6, 3, 2^2\})$	684288

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{9^6, 6^8\})$	1368576
18	$\mathcal{O}(0; \{9^9, 2^8\})$	1115370
18	$\mathcal{O}(0; \{9^9, 3^3, 2^4\})$	8922960
18	$\mathcal{O}(0; \{9^9, 6, 3, 2^5\})$	4461480
18	$\mathcal{O}(0; \{9^9, 6, 3^4, 2\})$	35691840
18	$\mathcal{O}(0; \{9^9, 6^2, 3^2, 2^2\})$	17845920
18	$\mathcal{O}(0; \{9^9, 6^3, 2^3\})$	8922960
18	$\mathcal{O}(0; \{9^9, 6^4, 3\})$	35691840
18	$\mathcal{O}(0; \{9^{12}, 6, 2\})$	483965604
18	$\mathcal{O}(0; \{18, 9, 3, 2^{19}\})$	12
18	$\mathcal{O}(0; \{18, 9, 3^4, 2^{15}\})$	96
18	$\mathcal{O}(0; \{18, 9, 3^7, 2^{11}\})$	768
18	$\mathcal{O}(0; \{18, 9, 3^{10}, 2^7\})$	6144
18	$\mathcal{O}(0; \{18, 9, 3^{13}, 2^3\})$	49152
18	$\mathcal{O}(0; \{18, 9, 6, 3^2, 2^{16}\})$	48
18	$\mathcal{O}(0; \{18, 9, 6, 3^5, 2^{12}\})$	384
18	$\mathcal{O}(0; \{18, 9, 6, 3^8, 2^8\})$	3072
18	$\mathcal{O}(0; \{18, 9, 6, 3^{11}, 2^4\})$	24576
18	$\mathcal{O}(0; \{18, 9, 6, 3^{14}\})$	196608
18	$\mathcal{O}(0; \{18, 9, 6^2, 2^{17}\})$	24
18	$\mathcal{O}(0; \{18, 9, 6^2, 3^3, 2^{13}\})$	192
18	$\mathcal{O}(0; \{18, 9, 6^2, 3^6, 2^9\})$	1536
18	$\mathcal{O}(0; \{18, 9, 6^2, 3^9, 2^5\})$	12288
18	$\mathcal{O}(0; \{18, 9, 6^2, 3^{12}, 2\})$	98304
18	$\mathcal{O}(0; \{18, 9, 6^3, 3, 2^{14}\})$	96
18	$\mathcal{O}(0; \{18, 9, 6^3, 3^4, 2^{10}\})$	768
18	$\mathcal{O}(0; \{18, 9, 6^3, 3^7, 2^6\})$	6144
18	$\mathcal{O}(0; \{18, 9, 6^3, 3^{10}, 2^2\})$	49152
18	$\mathcal{O}(0; \{18, 9, 6^4, 3^2, 2^{11}\})$	384
18	$\mathcal{O}(0; \{18, 9, 6^4, 3^5, 2^7\})$	3072
18	$\mathcal{O}(0; \{18, 9, 6^4, 3^8, 2^3\})$	24576
18	$\mathcal{O}(0; \{18, 9, 6^5, 2^{12}\})$	192
18	$\mathcal{O}(0; \{18, 9, 6^5, 3^3, 2^8\})$	1536
18	$\mathcal{O}(0; \{18, 9, 6^5, 3^6, 2^4\})$	12288
18	$\mathcal{O}(0; \{18, 9, 6^5, 3^9\})$	98304
18	$\mathcal{O}(0; \{18, 9, 6^6, 3, 2^9\})$	768
18	$\mathcal{O}(0; \{18, 9, 6^6, 3^4, 2^5\})$	6144
18	$\mathcal{O}(0; \{18, 9, 6^6, 3^7, 2\})$	49152
18	$\mathcal{O}(0; \{18, 9, 6^7, 3^2, 2^6\})$	3072
18	$\mathcal{O}(0; \{18, 9, 6^7, 3^5, 2^2\})$	24576
18	$\mathcal{O}(0; \{18, 9, 6^8, 2^7\})$	1536
18	$\mathcal{O}(0; \{18, 9, 6^8, 3^3, 2^3\})$	12288
18	$\mathcal{O}(0; \{18, 9, 6^9, 3, 2^4\})$	6144

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18, 9, 6^9, 3^4\})$	49152
18	$\mathcal{O}(0; \{18, 9, 6^{10}, 3^2, 2\})$	24576
18	$\mathcal{O}(0; \{18, 9, 6^{11}, 2^2\})$	12288
18	$\mathcal{O}(0; \{18, 9^4, 2^{15}\})$	810
18	$\mathcal{O}(0; \{18, 9^4, 3^3, 2^{11}\})$	6480
18	$\mathcal{O}(0; \{18, 9^4, 3^6, 2^7\})$	51840
18	$\mathcal{O}(0; \{18, 9^4, 3^9, 2^3\})$	414720
18	$\mathcal{O}(0; \{18, 9^4, 6, 3, 2^{12}\})$	3240
18	$\mathcal{O}(0; \{18, 9^4, 6, 3^4, 2^8\})$	25920
18	$\mathcal{O}(0; \{18, 9^4, 6, 3^7, 2^4\})$	207360
18	$\mathcal{O}(0; \{18, 9^4, 6, 3^{10}\})$	1658880
18	$\mathcal{O}(0; \{18, 9^4, 6^2, 3^2, 2^9\})$	12960
18	$\mathcal{O}(0; \{18, 9^4, 6^2, 3^5, 2^5\})$	103680
18	$\mathcal{O}(0; \{18, 9^4, 6^2, 3^8, 2\})$	829440
18	$\mathcal{O}(0; \{18, 9^4, 6^3, 2^{10}\})$	6480
18	$\mathcal{O}(0; \{18, 9^4, 6^3, 3^3, 2^6\})$	51840
18	$\mathcal{O}(0; \{18, 9^4, 6^3, 3^6, 2^2\})$	414720
18	$\mathcal{O}(0; \{18, 9^4, 6^4, 3, 2^7\})$	25920
18	$\mathcal{O}(0; \{18, 9^4, 6^4, 3^4, 2^3\})$	207360
18	$\mathcal{O}(0; \{18, 9^4, 6^5, 3^2, 2^4\})$	103680
18	$\mathcal{O}(0; \{18, 9^4, 6^5, 3^5\})$	829440
18	$\mathcal{O}(0; \{18, 9^4, 6^6, 2^5\})$	51840
18	$\mathcal{O}(0; \{18, 9^4, 6^6, 3^3, 2\})$	414720
18	$\mathcal{O}(0; \{18, 9^4, 6^7, 3, 2^2\})$	207360
18	$\mathcal{O}(0; \{18, 9^4, 6^9\})$	414720
18	$\mathcal{O}(0; \{18, 9^7, 3^2, 2^7\})$	752328
18	$\mathcal{O}(0; \{18, 9^7, 3^5, 2^3\})$	6018624
18	$\mathcal{O}(0; \{18, 9^7, 6, 2^8\})$	376164
18	$\mathcal{O}(0; \{18, 9^7, 6, 3^3, 2^4\})$	3009312
18	$\mathcal{O}(0; \{18, 9^7, 6, 3^6\})$	24074496
18	$\mathcal{O}(0; \{18, 9^7, 6^2, 3, 2^5\})$	1504656
18	$\mathcal{O}(0; \{18, 9^7, 6^2, 3^4, 2\})$	12037248
18	$\mathcal{O}(0; \{18, 9^7, 6^3, 3^2, 2^2\})$	6018624
18	$\mathcal{O}(0; \{18, 9^7, 6^4, 2^3\})$	3009312
18	$\mathcal{O}(0; \{18, 9^7, 6^5, 3\})$	12037248
18	$\mathcal{O}(0; \{18, 9^{10}, 3, 2^3\})$	80542836
18	$\mathcal{O}(0; \{18, 9^{10}, 6, 3^2\})$	322171344
18	$\mathcal{O}(0; \{18, 9^{10}, 6^2, 2\})$	161085672
18	$\mathcal{O}(0; \{18^2, 9^2, 3^2, 2^{14}\})$	648
18	$\mathcal{O}(0; \{18^2, 9^2, 3^5, 2^{10}\})$	5184
18	$\mathcal{O}(0; \{18^2, 9^2, 3^8, 2^6\})$	41472
18	$\mathcal{O}(0; \{18^2, 9^2, 3^{11}, 2^2\})$	331776
18	$\mathcal{O}(0; \{18^2, 9^2, 6, 2^{15}\})$	324

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^2, 9^2, 6, 3^3, 2^{11}\})$	2592
18	$\mathcal{O}(0; \{18^2, 9^2, 6, 3^6, 2^7\})$	20736
18	$\mathcal{O}(0; \{18^2, 9^2, 6, 3^9, 2^3\})$	165888
18	$\mathcal{O}(0; \{18^2, 9^2, 6^2, 3, 2^{12}\})$	1296
18	$\mathcal{O}(0; \{18^2, 9^2, 6^2, 3^4, 2^8\})$	10368
18	$\mathcal{O}(0; \{18^2, 9^2, 6^2, 3^7, 2^4\})$	82944
18	$\mathcal{O}(0; \{18^2, 9^2, 6^2, 3^{10}\})$	663552
18	$\mathcal{O}(0; \{18^2, 9^2, 6^3, 3^2, 2^9\})$	5184
18	$\mathcal{O}(0; \{18^2, 9^2, 6^3, 3^5, 2^5\})$	41472
18	$\mathcal{O}(0; \{18^2, 9^2, 6^3, 3^8, 2\})$	331776
18	$\mathcal{O}(0; \{18^2, 9^2, 6^4, 2^{10}\})$	2592
18	$\mathcal{O}(0; \{18^2, 9^2, 6^4, 3^3, 2^6\})$	20736
18	$\mathcal{O}(0; \{18^2, 9^2, 6^4, 3^6, 2^2\})$	165888
18	$\mathcal{O}(0; \{18^2, 9^2, 6^5, 3, 2^7\})$	10368
18	$\mathcal{O}(0; \{18^2, 9^2, 6^5, 3^4, 2^3\})$	82944
18	$\mathcal{O}(0; \{18^2, 9^2, 6^6, 3^2, 2^4\})$	41472
18	$\mathcal{O}(0; \{18^2, 9^2, 6^6, 3^5\})$	331776
18	$\mathcal{O}(0; \{18^2, 9^2, 6^7, 2^5\})$	20736
18	$\mathcal{O}(0; \{18^2, 9^2, 6^7, 3^3, 2\})$	165888
18	$\mathcal{O}(0; \{18^2, 9^2, 6^8, 3, 2^2\})$	82944
18	$\mathcal{O}(0; \{18^2, 9^2, 6^{10}\})$	165888
18	$\mathcal{O}(0; \{18^2, 9^5, 3, 2^{10}\})$	61236
18	$\mathcal{O}(0; \{18^2, 9^5, 3^4, 2^6\})$	489888
18	$\mathcal{O}(0; \{18^2, 9^5, 3^7, 2^2\})$	3919104
18	$\mathcal{O}(0; \{18^2, 9^5, 6, 3^2, 2^7\})$	244944
18	$\mathcal{O}(0; \{18^2, 9^5, 6, 3^5, 2^3\})$	1959552
18	$\mathcal{O}(0; \{18^2, 9^5, 6^2, 2^8\})$	122472
18	$\mathcal{O}(0; \{18^2, 9^5, 6^2, 3^3, 2^4\})$	979776
18	$\mathcal{O}(0; \{18^2, 9^5, 6^2, 3^6\})$	7838208
18	$\mathcal{O}(0; \{18^2, 9^5, 6^3, 3, 2^5\})$	489888
18	$\mathcal{O}(0; \{18^2, 9^5, 6^3, 3^4, 2\})$	3919104
18	$\mathcal{O}(0; \{18^2, 9^5, 6^4, 3^2, 2^2\})$	1959552
18	$\mathcal{O}(0; \{18^2, 9^5, 6^5, 2^3\})$	979776
18	$\mathcal{O}(0; \{18^2, 9^5, 6^6, 3\})$	3919104
18	$\mathcal{O}(0; \{18^2, 9^8, 2^6\})$	6731586
18	$\mathcal{O}(0; \{18^2, 9^8, 3^3, 2^2\})$	53852688
18	$\mathcal{O}(0; \{18^2, 9^8, 6, 3, 2^3\})$	26926344
18	$\mathcal{O}(0; \{18^2, 9^8, 6^2, 3^2\})$	107705376
18	$\mathcal{O}(0; \{18^2, 9^8, 6^3, 2\})$	53852688
18	$\mathcal{O}(0; \{18^3, 3, 2^{17}\})$	36
18	$\mathcal{O}(0; \{18^3, 3^4, 2^{13}\})$	288
18	$\mathcal{O}(0; \{18^3, 3^7, 2^9\})$	2304
18	$\mathcal{O}(0; \{18^3, 3^{10}, 2^5\})$	18432

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^3, 3^{13}, 2\})$	147456
18	$\mathcal{O}(0; \{18^3, 6, 3^2, 2^{14}\})$	144
18	$\mathcal{O}(0; \{18^3, 6, 3^5, 2^{10}\})$	1152
18	$\mathcal{O}(0; \{18^3, 6, 3^8, 2^6\})$	9216
18	$\mathcal{O}(0; \{18^3, 6, 3^{11}, 2^2\})$	73728
18	$\mathcal{O}(0; \{18^3, 6^2, 2^{15}\})$	72
18	$\mathcal{O}(0; \{18^3, 6^2, 3^3, 2^{11}\})$	576
18	$\mathcal{O}(0; \{18^3, 6^2, 3^6, 2^7\})$	4608
18	$\mathcal{O}(0; \{18^3, 6^2, 3^9, 2^3\})$	36864
18	$\mathcal{O}(0; \{18^3, 6^3, 3, 2^{12}\})$	288
18	$\mathcal{O}(0; \{18^3, 6^3, 3^4, 2^8\})$	2304
18	$\mathcal{O}(0; \{18^3, 6^3, 3^7, 2^4\})$	18432
18	$\mathcal{O}(0; \{18^3, 6^3, 3^{10}\})$	147456
18	$\mathcal{O}(0; \{18^3, 6^4, 3^2, 2^9\})$	1152
18	$\mathcal{O}(0; \{18^3, 6^4, 3^5, 2^5\})$	9216
18	$\mathcal{O}(0; \{18^3, 6^4, 3^8, 2\})$	73728
18	$\mathcal{O}(0; \{18^3, 6^5, 2^{10}\})$	576
18	$\mathcal{O}(0; \{18^3, 6^5, 3^3, 2^6\})$	4608
18	$\mathcal{O}(0; \{18^3, 6^5, 3^6, 2^2\})$	36864
18	$\mathcal{O}(0; \{18^3, 6^6, 3, 2^7\})$	2304
18	$\mathcal{O}(0; \{18^3, 6^6, 3^4, 2^3\})$	18432
18	$\mathcal{O}(0; \{18^3, 6^7, 3^2, 2^4\})$	9216
18	$\mathcal{O}(0; \{18^3, 6^7, 3^5\})$	73728
18	$\mathcal{O}(0; \{18^3, 6^8, 2^5\})$	4608
18	$\mathcal{O}(0; \{18^3, 6^8, 3^3, 2\})$	36864
18	$\mathcal{O}(0; \{18^3, 6^9, 3, 2^2\})$	18432
18	$\mathcal{O}(0; \{18^3, 6^{11}\})$	36864
18	$\mathcal{O}(0; \{18^3, 9^3, 2^{13}\})$	5346
18	$\mathcal{O}(0; \{18^3, 9^3, 3^3, 2^9\})$	42768
18	$\mathcal{O}(0; \{18^3, 9^3, 3^6, 2^5\})$	342144
18	$\mathcal{O}(0; \{18^3, 9^3, 3^9, 2\})$	2737152
18	$\mathcal{O}(0; \{18^3, 9^3, 6, 3, 2^{10}\})$	21384
18	$\mathcal{O}(0; \{18^3, 9^3, 6, 3^4, 2^6\})$	171072
18	$\mathcal{O}(0; \{18^3, 9^3, 6, 3^7, 2^2\})$	1368576
18	$\mathcal{O}(0; \{18^3, 9^3, 6^2, 3^2, 2^7\})$	85536
18	$\mathcal{O}(0; \{18^3, 9^3, 6^2, 3^5, 2^3\})$	684288
18	$\mathcal{O}(0; \{18^3, 9^3, 6^3, 2^8\})$	42768
18	$\mathcal{O}(0; \{18^3, 9^3, 6^3, 3^3, 2^4\})$	342144
18	$\mathcal{O}(0; \{18^3, 9^3, 6^3, 3^6\})$	2737152
18	$\mathcal{O}(0; \{18^3, 9^3, 6^4, 3, 2^5\})$	171072
18	$\mathcal{O}(0; \{18^3, 9^3, 6^4, 3^4, 2\})$	1368576
18	$\mathcal{O}(0; \{18^3, 9^3, 6^5, 3^2, 2^2\})$	684288
18	$\mathcal{O}(0; \{18^3, 9^3, 6^6, 2^3\})$	342144

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^3, 9^3, 6^7, 3\})$	1368576
18	$\mathcal{O}(0; \{18^3, 9^6, 3^2, 2^5\})$	4461480
18	$\mathcal{O}(0; \{18^3, 9^6, 3^5, 2\})$	35691840
18	$\mathcal{O}(0; \{18^3, 9^6, 6, 2^6\})$	2230740
18	$\mathcal{O}(0; \{18^3, 9^6, 6, 3^3, 2^2\})$	17845920
18	$\mathcal{O}(0; \{18^3, 9^6, 6^2, 3, 2^3\})$	8922960
18	$\mathcal{O}(0; \{18^3, 9^6, 6^3, 3^2\})$	35691840
18	$\mathcal{O}(0; \{18^3, 9^6, 6^4, 2\})$	17845920
18	$\mathcal{O}(0; \{18^3, 9^9, 3, 2\})$	483965604
18	$\mathcal{O}(0; \{18^4, 9, 3^2, 2^{12}\})$	3240
18	$\mathcal{O}(0; \{18^4, 9, 3^5, 2^8\})$	25920
18	$\mathcal{O}(0; \{18^4, 9, 3^8, 2^4\})$	207360
18	$\mathcal{O}(0; \{18^4, 9, 3^{11}\})$	1658880
18	$\mathcal{O}(0; \{18^4, 9, 6, 2^{13}\})$	1620
18	$\mathcal{O}(0; \{18^4, 9, 6, 3^3, 2^9\})$	12960
18	$\mathcal{O}(0; \{18^4, 9, 6, 3^6, 2^5\})$	103680
18	$\mathcal{O}(0; \{18^4, 9, 6, 3^9, 2\})$	829440
18	$\mathcal{O}(0; \{18^4, 9, 6^2, 3, 2^{10}\})$	6480
18	$\mathcal{O}(0; \{18^4, 9, 6^2, 3^4, 2^6\})$	51840
18	$\mathcal{O}(0; \{18^4, 9, 6^2, 3^7, 2^2\})$	414720
18	$\mathcal{O}(0; \{18^4, 9, 6^3, 3^2, 2^7\})$	25920
18	$\mathcal{O}(0; \{18^4, 9, 6^3, 3^5, 2^3\})$	207360
18	$\mathcal{O}(0; \{18^4, 9, 6^4, 2^8\})$	12960
18	$\mathcal{O}(0; \{18^4, 9, 6^4, 3^3, 2^4\})$	103680
18	$\mathcal{O}(0; \{18^4, 9, 6^4, 3^6\})$	829440
18	$\mathcal{O}(0; \{18^4, 9, 6^5, 3, 2^5\})$	51840
18	$\mathcal{O}(0; \{18^4, 9, 6^5, 3^4, 2\})$	414720
18	$\mathcal{O}(0; \{18^4, 9, 6^6, 3^2, 2^2\})$	207360
18	$\mathcal{O}(0; \{18^4, 9, 6^7, 2^3\})$	103680
18	$\mathcal{O}(0; \{18^4, 9, 6^8, 3\})$	414720
18	$\mathcal{O}(0; \{18^4, 9^4, 3, 2^8\})$	376164
18	$\mathcal{O}(0; \{18^4, 9^4, 3^4, 2^4\})$	3009312
18	$\mathcal{O}(0; \{18^4, 9^4, 3^7\})$	24074496
18	$\mathcal{O}(0; \{18^4, 9^4, 6, 3^2, 2^5\})$	1504656
18	$\mathcal{O}(0; \{18^4, 9^4, 6, 3^5, 2\})$	12037248
18	$\mathcal{O}(0; \{18^4, 9^4, 6^2, 2^6\})$	752328
18	$\mathcal{O}(0; \{18^4, 9^4, 6^2, 3^3, 2^2\})$	6018624
18	$\mathcal{O}(0; \{18^4, 9^4, 6^3, 3, 2^3\})$	3009312
18	$\mathcal{O}(0; \{18^4, 9^4, 6^4, 3^2\})$	12037248
18	$\mathcal{O}(0; \{18^4, 9^4, 6^5, 2\})$	6018624
18	$\mathcal{O}(0; \{18^4, 9^7, 2^4\})$	40271418
18	$\mathcal{O}(0; \{18^4, 9^7, 3^3\})$	322171344
18	$\mathcal{O}(0; \{18^4, 9^7, 6, 3, 2\})$	161085672

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^5, 9^2, 2^{11}\})$	30618
18	$\mathcal{O}(0; \{18^5, 9^2, 3^3, 2^7\})$	244944
18	$\mathcal{O}(0; \{18^5, 9^2, 3^6, 2^3\})$	1959552
18	$\mathcal{O}(0; \{18^5, 9^2, 6, 3, 2^8\})$	122472
18	$\mathcal{O}(0; \{18^5, 9^2, 6, 3^4, 2^4\})$	979776
18	$\mathcal{O}(0; \{18^5, 9^2, 6, 3^7\})$	7838208
18	$\mathcal{O}(0; \{18^5, 9^2, 6^2, 3^2, 2^5\})$	489888
18	$\mathcal{O}(0; \{18^5, 9^2, 6^2, 3^5, 2\})$	3919104
18	$\mathcal{O}(0; \{18^5, 9^2, 6^3, 2^6\})$	244944
18	$\mathcal{O}(0; \{18^5, 9^2, 6^3, 3^3, 2^2\})$	1959552
18	$\mathcal{O}(0; \{18^5, 9^2, 6^4, 3, 2^3\})$	979776
18	$\mathcal{O}(0; \{18^5, 9^2, 6^5, 3^2\})$	3919104
18	$\mathcal{O}(0; \{18^5, 9^2, 6^6, 2\})$	1959552
18	$\mathcal{O}(0; \{18^5, 9^5, 3^2, 2^3\})$	26926344
18	$\mathcal{O}(0; \{18^5, 9^5, 6, 2^4\})$	13463172
18	$\mathcal{O}(0; \{18^5, 9^5, 6, 3^3\})$	107705376
18	$\mathcal{O}(0; \{18^5, 9^5, 6^2, 3, 2\})$	53852688
18	$\mathcal{O}(0; \{18^6, 3^2, 2^{10}\})$	21384
18	$\mathcal{O}(0; \{18^6, 3^5, 2^6\})$	171072
18	$\mathcal{O}(0; \{18^6, 3^8, 2^2\})$	1368576
18	$\mathcal{O}(0; \{18^6, 6, 2^{11}\})$	10692
18	$\mathcal{O}(0; \{18^6, 6, 3^3, 2^7\})$	85536
18	$\mathcal{O}(0; \{18^6, 6, 3^6, 2^3\})$	684288
18	$\mathcal{O}(0; \{18^6, 6^2, 3, 2^8\})$	42768
18	$\mathcal{O}(0; \{18^6, 6^2, 3^4, 2^4\})$	342144
18	$\mathcal{O}(0; \{18^6, 6^2, 3^7\})$	2737152
18	$\mathcal{O}(0; \{18^6, 6^3, 3^2, 2^5\})$	171072
18	$\mathcal{O}(0; \{18^6, 6^3, 3^5, 2\})$	1368576
18	$\mathcal{O}(0; \{18^6, 6^4, 2^6\})$	85536
18	$\mathcal{O}(0; \{18^6, 6^4, 3^3, 2^2\})$	684288
18	$\mathcal{O}(0; \{18^6, 6^5, 3, 2^3\})$	342144
18	$\mathcal{O}(0; \{18^6, 6^6, 3^2\})$	1368576
18	$\mathcal{O}(0; \{18^6, 6^7, 2\})$	684288
18	$\mathcal{O}(0; \{18^6, 9^3, 3, 2^6\})$	2230740
18	$\mathcal{O}(0; \{18^6, 9^3, 3^4, 2^2\})$	17845920
18	$\mathcal{O}(0; \{18^6, 9^3, 6, 3^2, 2^3\})$	8922960
18	$\mathcal{O}(0; \{18^6, 9^3, 6^2, 2^4\})$	4461480
18	$\mathcal{O}(0; \{18^6, 9^3, 6^2, 3^3\})$	35691840
18	$\mathcal{O}(0; \{18^6, 9^3, 6^3, 3, 2\})$	17845920
18	$\mathcal{O}(0; \{18^6, 9^6, 2^2\})$	241982802
18	$\mathcal{O}(0; \{18^7, 9, 2^9\})$	188082
18	$\mathcal{O}(0; \{18^7, 9, 3^3, 2^5\})$	1504656
18	$\mathcal{O}(0; \{18^7, 9, 3^6, 2\})$	12037248

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^7, 9, 6, 3, 2^6\})$	752328
18	$\mathcal{O}(0; \{18^7, 9, 6, 3^4, 2^2\})$	6018624
18	$\mathcal{O}(0; \{18^7, 9, 6^2, 3^2, 2^3\})$	3009312
18	$\mathcal{O}(0; \{18^7, 9, 6^3, 2^4\})$	1504656
18	$\mathcal{O}(0; \{18^7, 9, 6^3, 3^3\})$	12037248
18	$\mathcal{O}(0; \{18^7, 9, 6^4, 3, 2\})$	6018624
18	$\mathcal{O}(0; \{18^7, 9^4, 3^2, 2\})$	161085672
18	$\mathcal{O}(0; \{18^7, 9^4, 6, 2^2\})$	80542836
18	$\mathcal{O}(0; \{18^8, 9^2, 3, 2^4\})$	13463172
18	$\mathcal{O}(0; \{18^8, 9^2, 3^4\})$	107705376
18	$\mathcal{O}(0; \{18^8, 9^2, 6, 3^2, 2\})$	53852688
18	$\mathcal{O}(0; \{18^8, 9^2, 6^2, 2^2\})$	26926344
18	$\mathcal{O}(0; \{18^8, 9^5\})$	1450833930
18	$\mathcal{O}(0; \{18^9, 2^7\})$	1115370
18	$\mathcal{O}(0; \{18^9, 3^3, 2^3\})$	8922960
18	$\mathcal{O}(0; \{18^9, 6, 3, 2^4\})$	4461480
18	$\mathcal{O}(0; \{18^9, 6, 3^4\})$	35691840
18	$\mathcal{O}(0; \{18^9, 6^2, 3^2, 2\})$	17845920
18	$\mathcal{O}(0; \{18^9, 6^3, 2^2\})$	8922960
18	$\mathcal{O}(0; \{18^9, 9^3, 6\})$	483965604
18	$\mathcal{O}(0; \{18^{10}, 9, 3, 2^2\})$	80542836
18	$\mathcal{O}(0; \{18^{10}, 9, 6^2\})$	161085672
18	$\mathcal{O}(0; \{18^{12}, 3\})$	483965604
19	$\mathcal{O}(1; \{19^{10}\})$	67838877306198
20	$\mathcal{O}(5; \{2^2\})$	10229998952448
20	$\mathcal{O}(4; \{2^6\})$	25499934720
20	$\mathcal{O}(4; \{4^2, 2^3\})$	51199868928
20	$\mathcal{O}(4; \{4^4\})$	204799475712
20	$\mathcal{O}(4; \{10, 5^2, 2\})$	306000000000
20	$\mathcal{O}(4; \{20, 5, 4, 2\})$	204800000000
20	$\mathcal{O}(3; \{2^{10}\})$	62995968
20	$\mathcal{O}(3; \{4^2, 2^7\})$	127991808
20	$\mathcal{O}(3; \{4^4, 2^4\})$	511967232
20	$\mathcal{O}(3; \{4^6, 2\})$	2047868928
20	$\mathcal{O}(3; \{5^5, 2^2\})$	12852000000
20	$\mathcal{O}(3; \{10, 5^2, 2^5\})$	756000000
20	$\mathcal{O}(3; \{10, 5^2, 4^2, 2^2\})$	1536000000
20	$\mathcal{O}(3; \{10^2, 5^4\})$	51660000000
20	$\mathcal{O}(3; \{10^3, 5, 2^3\})$	3276000000
20	$\mathcal{O}(3; \{10^3, 5, 4^2\})$	6656000000
20	$\mathcal{O}(3; \{10^5, 2\})$	12852000000
20	$\mathcal{O}(3; \{20, 5, 4, 2^5\})$	512000000
20	$\mathcal{O}(3; \{20, 5, 4^3, 2^2\})$	2048000000

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(3; \{20, 10, 5^3, 4\})$	26112000000
20	$\mathcal{O}(3; \{20, 10^2, 4, 2^3\})$	15360000000
20	$\mathcal{O}(3; \{20, 10^2, 4^3\})$	61440000000
20	$\mathcal{O}(3; \{20^2, 5^2, 2^3\})$	66560000000
20	$\mathcal{O}(3; \{20^2, 5^2, 4^2\})$	26624000000
20	$\mathcal{O}(3; \{20^2, 10^2, 5, 2\})$	26112000000
20	$\mathcal{O}(3; \{20^3, 10, 4, 2\})$	26624000000
20	$\mathcal{O}(2; \{2^{14}\})$	149760
20	$\mathcal{O}(2; \{4^2, 2^{11}\})$	319488
20	$\mathcal{O}(2; \{4^4, 2^8\})$	1277952
20	$\mathcal{O}(2; \{4^6, 2^5\})$	5111808
20	$\mathcal{O}(2; \{4^8, 2^2\})$	20447232
20	$\mathcal{O}(2; \{5^5, 2^6\})$	30600000
20	$\mathcal{O}(2; \{5^5, 4^2, 2^3\})$	65280000
20	$\mathcal{O}(2; \{5^5, 4^4\})$	261120000
20	$\mathcal{O}(2; \{10, 5^2, 2^9\})$	1800000
20	$\mathcal{O}(2; \{10, 5^2, 4^2, 2^6\})$	3840000
20	$\mathcal{O}(2; \{10, 5^2, 4^4, 2^3\})$	15360000
20	$\mathcal{O}(2; \{10, 5^2, 4^6\})$	61440000
20	$\mathcal{O}(2; \{10, 5^7, 2\})$	1966200000
20	$\mathcal{O}(2; \{10^2, 5^4, 2^4\})$	123000000
20	$\mathcal{O}(2; \{10^2, 5^4, 4^2, 2\})$	262400000
20	$\mathcal{O}(2; \{10^3, 5, 2^7\})$	7800000
20	$\mathcal{O}(2; \{10^3, 5, 4^2, 2^4\})$	16640000
20	$\mathcal{O}(2; \{10^3, 5, 4^4, 2\})$	66560000
20	$\mathcal{O}(2; \{10^4, 5^3, 2^2\})$	491400000
20	$\mathcal{O}(2; \{10^5, 2^5\})$	30600000
20	$\mathcal{O}(2; \{10^5, 4^2, 2^2\})$	65280000
20	$\mathcal{O}(2; \{10^6, 5^2\})$	1966200000
20	$\mathcal{O}(2; \{20, 5, 4, 2^9\})$	1280000
20	$\mathcal{O}(2; \{20, 5, 4^3, 2^6\})$	5120000
20	$\mathcal{O}(2; \{20, 5, 4^5, 2^3\})$	20480000
20	$\mathcal{O}(2; \{20, 5, 4^7\})$	81920000
20	$\mathcal{O}(2; \{20, 5^6, 4, 2\})$	1048320000
20	$\mathcal{O}(2; \{20, 10, 5^3, 4, 2^4\})$	65280000
20	$\mathcal{O}(2; \{20, 10, 5^3, 4^3, 2\})$	261120000
20	$\mathcal{O}(2; \{20, 10^2, 4, 2^7\})$	3840000
20	$\mathcal{O}(2; \{20, 10^2, 4^3, 2^4\})$	15360000
20	$\mathcal{O}(2; \{20, 10^2, 4^5, 2\})$	61440000
20	$\mathcal{O}(2; \{20, 10^3, 5^2, 4, 2^2\})$	262400000
20	$\mathcal{O}(2; \{20, 10^5, 5, 4\})$	1048320000
20	$\mathcal{O}(2; \{20^2, 5^2, 2^7\})$	16640000
20	$\mathcal{O}(2; \{20^2, 5^2, 4^2, 2^4\})$	66560000

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(2; \{20^2, 5^2, 4^4, 2\})$	266240000
20	$\mathcal{O}(2; \{20^2, 10, 5^4, 2^2\})$	1048320000
20	$\mathcal{O}(2; \{20^2, 10^2, 5, 2^5\})$	65280000
20	$\mathcal{O}(2; \{20^2, 10^2, 5, 4^2, 2^2\})$	261120000
20	$\mathcal{O}(2; \{20^2, 10^3, 5^3\})$	4194560000
20	$\mathcal{O}(2; \{20^2, 10^4, 2^3\})$	262400000
20	$\mathcal{O}(2; \{20^2, 10^4, 4^2\})$	1049600000
20	$\mathcal{O}(2; \{20^3, 5^3, 4, 2^2\})$	1049600000
20	$\mathcal{O}(2; \{20^3, 10, 4, 2^5\})$	66560000
20	$\mathcal{O}(2; \{20^3, 10, 4^3, 2^2\})$	266240000
20	$\mathcal{O}(2; \{20^3, 10^2, 5^2, 4\})$	4193280000
20	$\mathcal{O}(2; \{20^4, 5^4\})$	16778240000
20	$\mathcal{O}(2; \{20^4, 10, 5, 2^3\})$	1049600000
20	$\mathcal{O}(2; \{20^4, 10, 5, 4^2\})$	4198400000
20	$\mathcal{O}(2; \{20^4, 10^3, 2\})$	4193280000
20	$\mathcal{O}(2; \{20^5, 4, 2^3\})$	1044480000
20	$\mathcal{O}(2; \{20^5, 4^3\})$	4177920000
20	$\mathcal{O}(2; \{20^6, 5, 2\})$	16773120000
20	$\mathcal{O}(1; \{2^{18}\})$	288
20	$\mathcal{O}(1; \{4^2, 2^{15}\})$	768
20	$\mathcal{O}(1; \{4^4, 2^{12}\})$	3072
20	$\mathcal{O}(1; \{4^6, 2^9\})$	12288
20	$\mathcal{O}(1; \{4^8, 2^6\})$	49152
20	$\mathcal{O}(1; \{4^{10}, 2^3\})$	196608
20	$\mathcal{O}(1; \{4^{12}\})$	786432
20	$\mathcal{O}(1; \{5^5, 2^{10}\})$	61200
20	$\mathcal{O}(1; \{5^5, 4^2, 2^7\})$	163200
20	$\mathcal{O}(1; \{5^5, 4^4, 2^4\})$	652800
20	$\mathcal{O}(1; \{5^5, 4^6, 2\})$	2611200
20	$\mathcal{O}(1; \{5^{10}, 2^2\})$	62914800
20	$\mathcal{O}(1; \{10, 5^2, 2^{13}\})$	3600
20	$\mathcal{O}(1; \{10, 5^2, 4^2, 2^{10}\})$	9600
20	$\mathcal{O}(1; \{10, 5^2, 4^4, 2^7\})$	38400
20	$\mathcal{O}(1; \{10, 5^2, 4^6, 2^4\})$	153600
20	$\mathcal{O}(1; \{10, 5^2, 4^8, 2\})$	614400
20	$\mathcal{O}(1; \{10, 5^7, 2^5\})$	3932400
20	$\mathcal{O}(1; \{10, 5^7, 4^2, 2^2\})$	10486400
20	$\mathcal{O}(1; \{10^2, 5^4, 2^8\})$	246000
20	$\mathcal{O}(1; \{10^2, 5^4, 4^2, 2^5\})$	656000
20	$\mathcal{O}(1; \{10^2, 5^4, 4^4, 2^2\})$	2624000
20	$\mathcal{O}(1; \{10^2, 5^9\})$	251658000
20	$\mathcal{O}(1; \{10^3, 5, 2^{11}\})$	15600
20	$\mathcal{O}(1; \{10^3, 5, 4^2, 2^8\})$	41600

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{10^3, 5, 4^4, 2^5\})$	166400
20	$\mathcal{O}(1; \{10^3, 5, 4^6, 2^2\})$	665600
20	$\mathcal{O}(1; \{10^3, 5^6, 2^3\})$	15728400
20	$\mathcal{O}(1; \{10^3, 5^6, 4^2\})$	41942400
20	$\mathcal{O}(1; \{10^4, 5^3, 2^6\})$	982800
20	$\mathcal{O}(1; \{10^4, 5^3, 4^2, 2^3\})$	2620800
20	$\mathcal{O}(1; \{10^4, 5^3, 4^4\})$	10483200
20	$\mathcal{O}(1; \{10^5, 2^9\})$	61200
20	$\mathcal{O}(1; \{10^5, 4^2, 2^6\})$	163200
20	$\mathcal{O}(1; \{10^5, 4^4, 2^3\})$	652800
20	$\mathcal{O}(1; \{10^5, 4^6\})$	2611200
20	$\mathcal{O}(1; \{10^5, 5^5, 2\})$	62914800
20	$\mathcal{O}(1; \{10^6, 5^2, 2^4\})$	3932400
20	$\mathcal{O}(1; \{10^6, 5^2, 4^2, 2\})$	10486400
20	$\mathcal{O}(1; \{10^8, 5, 2^2\})$	15728400
20	$\mathcal{O}(1; \{10^{10}\})$	62914800
20	$\mathcal{O}(1; \{20, 5, 4, 2^{13}\})$	3200
20	$\mathcal{O}(1; \{20, 5, 4^3, 2^{10}\})$	12800
20	$\mathcal{O}(1; \{20, 5, 4^5, 2^7\})$	51200
20	$\mathcal{O}(1; \{20, 5, 4^7, 2^4\})$	204800
20	$\mathcal{O}(1; \{20, 5, 4^9, 2\})$	819200
20	$\mathcal{O}(1; \{20, 5^6, 4, 2^5\})$	2620800
20	$\mathcal{O}(1; \{20, 5^6, 4^3, 2^2\})$	10483200
20	$\mathcal{O}(1; \{20, 10, 5^3, 4, 2^8\})$	163200
20	$\mathcal{O}(1; \{20, 10, 5^3, 4^3, 2^5\})$	652800
20	$\mathcal{O}(1; \{20, 10, 5^3, 4^5, 2^2\})$	2611200
20	$\mathcal{O}(1; \{20, 10, 5^8, 4\})$	167772800
20	$\mathcal{O}(1; \{20, 10^2, 4, 2^{11}\})$	9600
20	$\mathcal{O}(1; \{20, 10^2, 4^3, 2^8\})$	38400
20	$\mathcal{O}(1; \{20, 10^2, 4^5, 2^5\})$	153600
20	$\mathcal{O}(1; \{20, 10^2, 4^7, 2^2\})$	614400
20	$\mathcal{O}(1; \{20, 10^2, 5^5, 4, 2^3\})$	10486400
20	$\mathcal{O}(1; \{20, 10^2, 5^5, 4^3\})$	41945600
20	$\mathcal{O}(1; \{20, 10^3, 5^2, 4, 2^6\})$	656000
20	$\mathcal{O}(1; \{20, 10^3, 5^2, 4^3, 2^3\})$	2624000
20	$\mathcal{O}(1; \{20, 10^3, 5^2, 4^5\})$	10496000
20	$\mathcal{O}(1; \{20, 10^4, 5^4, 4, 2\})$	41942400
20	$\mathcal{O}(1; \{20, 10^5, 5, 4, 2^4\})$	2620800
20	$\mathcal{O}(1; \{20, 10^5, 5, 4^3, 2\})$	10483200
20	$\mathcal{O}(1; \{20, 10^7, 4, 2^2\})$	10486400
20	$\mathcal{O}(1; \{20^2, 5^2, 2^{11}\})$	41600
20	$\mathcal{O}(1; \{20^2, 5^2, 4^2, 2^8\})$	166400
20	$\mathcal{O}(1; \{20^2, 5^2, 4^4, 2^5\})$	665600

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{20^2, 5^2, 4^6, 2^2\})$	2662400
20	$\mathcal{O}(1; \{20^2, 5^7, 2^3\})$	41942400
20	$\mathcal{O}(1; \{20^2, 5^7, 4^2\})$	167769600
20	$\mathcal{O}(1; \{20^2, 10, 5^4, 2^6\})$	2620800
20	$\mathcal{O}(1; \{20^2, 10, 5^4, 4^2, 2^3\})$	10483200
20	$\mathcal{O}(1; \{20^2, 10, 5^4, 4^4\})$	41932800
20	$\mathcal{O}(1; \{20^2, 10^2, 5, 2^9\})$	163200
20	$\mathcal{O}(1; \{20^2, 10^2, 5, 4^2, 2^6\})$	652800
20	$\mathcal{O}(1; \{20^2, 10^2, 5, 4^4, 2^3\})$	2611200
20	$\mathcal{O}(1; \{20^2, 10^2, 5, 4^6\})$	10444800
20	$\mathcal{O}(1; \{20^2, 10^2, 5^6, 2\})$	167772800
20	$\mathcal{O}(1; \{20^2, 10^3, 5^3, 2^4\})$	10486400
20	$\mathcal{O}(1; \{20^2, 10^3, 5^3, 4^2, 2\})$	41945600
20	$\mathcal{O}(1; \{20^2, 10^4, 2^7\})$	656000
20	$\mathcal{O}(1; \{20^2, 10^4, 4^2, 2^4\})$	2624000
20	$\mathcal{O}(1; \{20^2, 10^4, 4^4, 2\})$	10496000
20	$\mathcal{O}(1; \{20^2, 10^5, 5^2, 2^2\})$	41942400
20	$\mathcal{O}(1; \{20^2, 10^7, 5\})$	167772800
20	$\mathcal{O}(1; \{20^3, 5^3, 4, 2^6\})$	2624000
20	$\mathcal{O}(1; \{20^3, 5^3, 4^3, 2^3\})$	10496000
20	$\mathcal{O}(1; \{20^3, 5^3, 4^5\})$	41984000
20	$\mathcal{O}(1; \{20^3, 10, 4, 2^9\})$	166400
20	$\mathcal{O}(1; \{20^3, 10, 4^3, 2^6\})$	665600
20	$\mathcal{O}(1; \{20^3, 10, 4^5, 2^3\})$	2662400
20	$\mathcal{O}(1; \{20^3, 10, 4^7\})$	10649600
20	$\mathcal{O}(1; \{20^3, 10, 5^5, 4, 2\})$	167769600
20	$\mathcal{O}(1; \{20^3, 10^2, 5^2, 4, 2^4\})$	10483200
20	$\mathcal{O}(1; \{20^3, 10^2, 5^2, 4^3, 2\})$	41932800
20	$\mathcal{O}(1; \{20^3, 10^4, 5, 4, 2^2\})$	41945600
20	$\mathcal{O}(1; \{20^3, 10^6, 4\})$	167769600
20	$\mathcal{O}(1; \{20^4, 5^4, 2^4\})$	41945600
20	$\mathcal{O}(1; \{20^4, 5^4, 4^2, 2\})$	167782400
20	$\mathcal{O}(1; \{20^4, 10, 5, 2^7\})$	2624000
20	$\mathcal{O}(1; \{20^4, 10, 5, 4^2, 2^4\})$	10496000
20	$\mathcal{O}(1; \{20^4, 10, 5, 4^4, 2\})$	41984000
20	$\mathcal{O}(1; \{20^4, 10^2, 5^3, 2^2\})$	167769600
20	$\mathcal{O}(1; \{20^4, 10^3, 2^5\})$	10483200
20	$\mathcal{O}(1; \{20^4, 10^3, 4^2, 2^2\})$	41932800
20	$\mathcal{O}(1; \{20^4, 10^4, 5^2\})$	671091200
20	$\mathcal{O}(1; \{20^5, 4, 2^7\})$	2611200
20	$\mathcal{O}(1; \{20^5, 4^3, 2^4\})$	10444800
20	$\mathcal{O}(1; \{20^5, 4^5, 2\})$	41779200
20	$\mathcal{O}(1; \{20^5, 10, 5^2, 4, 2^2\})$	167782400

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{20^5, 10^3, 5, 4\})$	671078400
20	$\mathcal{O}(1; \{20^6, 5, 2^5\})$	41932800
20	$\mathcal{O}(1; \{20^6, 5, 4^2, 2^2\})$	167731200
20	$\mathcal{O}(1; \{20^6, 10, 5^3\})$	2684364800
20	$\mathcal{O}(1; \{20^6, 10^2, 2^3\})$	167782400
20	$\mathcal{O}(1; \{20^6, 10^2, 4^2\})$	671129600
20	$\mathcal{O}(1; \{20^7, 5^2, 4\})$	2684313600
20	$\mathcal{O}(1; \{20^8, 10, 2\})$	2684313600
20	$\mathcal{O}(0; \{5^5, 4^2, 2^{11}\})$	408
20	$\mathcal{O}(0; \{5^5, 4^4, 2^8\})$	1632
20	$\mathcal{O}(0; \{5^5, 4^6, 2^5\})$	6528
20	$\mathcal{O}(0; \{5^5, 4^8, 2^2\})$	26112
20	$\mathcal{O}(0; \{5^{10}, 4^2, 2^3\})$	419432
20	$\mathcal{O}(0; \{5^{10}, 4^4\})$	1677728
20	$\mathcal{O}(0; \{10, 5^2, 4^2, 2^{14}\})$	24
20	$\mathcal{O}(0; \{10, 5^2, 4^4, 2^{11}\})$	96
20	$\mathcal{O}(0; \{10, 5^2, 4^6, 2^8\})$	384
20	$\mathcal{O}(0; \{10, 5^2, 4^8, 2^5\})$	1536
20	$\mathcal{O}(0; \{10, 5^2, 4^{10}, 2^2\})$	6144
20	$\mathcal{O}(0; \{10, 5^7, 4^2, 2^6\})$	26216
20	$\mathcal{O}(0; \{10, 5^7, 4^4, 2^3\})$	104864
20	$\mathcal{O}(0; \{10, 5^7, 4^6\})$	419456
20	$\mathcal{O}(0; \{10^2, 5^4, 4^2, 2^9\})$	1640
20	$\mathcal{O}(0; \{10^2, 5^4, 4^4, 2^6\})$	6560
20	$\mathcal{O}(0; \{10^2, 5^4, 4^6, 2^3\})$	26240
20	$\mathcal{O}(0; \{10^2, 5^4, 4^8\})$	104960
20	$\mathcal{O}(0; \{10^2, 5^9, 4^2, 2\})$	1677720
20	$\mathcal{O}(0; \{10^3, 5, 4^2, 2^{12}\})$	104
20	$\mathcal{O}(0; \{10^3, 5, 4^4, 2^9\})$	416
20	$\mathcal{O}(0; \{10^3, 5, 4^6, 2^6\})$	1664
20	$\mathcal{O}(0; \{10^3, 5, 4^8, 2^3\})$	6656
20	$\mathcal{O}(0; \{10^3, 5, 4^{10}\})$	26624
20	$\mathcal{O}(0; \{10^3, 5^6, 4^2, 2^4\})$	104856
20	$\mathcal{O}(0; \{10^3, 5^6, 4^4, 2\})$	419424
20	$\mathcal{O}(0; \{10^4, 5^3, 4^2, 2^7\})$	6552
20	$\mathcal{O}(0; \{10^4, 5^3, 4^4, 2^4\})$	26208
20	$\mathcal{O}(0; \{10^4, 5^3, 4^6, 2\})$	104832
20	$\mathcal{O}(0; \{10^5, 4^2, 2^{10}\})$	408
20	$\mathcal{O}(0; \{10^5, 4^4, 2^7\})$	1632
20	$\mathcal{O}(0; \{10^5, 4^6, 2^4\})$	6528
20	$\mathcal{O}(0; \{10^5, 4^8, 2\})$	26112
20	$\mathcal{O}(0; \{10^5, 5^5, 4^2, 2^2\})$	419432
20	$\mathcal{O}(0; \{10^6, 5^2, 4^2, 2^5\})$	26216

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{10^6, 5^2, 4^4, 2^2\})$	104864
20	$\mathcal{O}(0; \{10^7, 5^4, 4^2\})$	1677720
20	$\mathcal{O}(0; \{10^8, 5, 4^2, 2^3\})$	104856
20	$\mathcal{O}(0; \{10^8, 5, 4^4\})$	419424
20	$\mathcal{O}(0; \{10^{10}, 4^2, 2\})$	419432
20	$\mathcal{O}(0; \{20, 5, 4, 2^{17}\})$	8
20	$\mathcal{O}(0; \{20, 5, 4^3, 2^{14}\})$	32
20	$\mathcal{O}(0; \{20, 5, 4^5, 2^{11}\})$	128
20	$\mathcal{O}(0; \{20, 5, 4^7, 2^8\})$	512
20	$\mathcal{O}(0; \{20, 5, 4^9, 2^5\})$	2048
20	$\mathcal{O}(0; \{20, 5, 4^{11}, 2^2\})$	8192
20	$\mathcal{O}(0; \{20, 5^6, 4, 2^9\})$	6552
20	$\mathcal{O}(0; \{20, 5^6, 4^3, 2^6\})$	26208
20	$\mathcal{O}(0; \{20, 5^6, 4^5, 2^3\})$	104832
20	$\mathcal{O}(0; \{20, 5^6, 4^7\})$	419328
20	$\mathcal{O}(0; \{20, 5^{11}, 4, 2\})$	6710888
20	$\mathcal{O}(0; \{20, 10, 5^3, 4, 2^{12}\})$	408
20	$\mathcal{O}(0; \{20, 10, 5^3, 4^3, 2^9\})$	1632
20	$\mathcal{O}(0; \{20, 10, 5^3, 4^5, 2^6\})$	6528
20	$\mathcal{O}(0; \{20, 10, 5^3, 4^7, 2^3\})$	26112
20	$\mathcal{O}(0; \{20, 10, 5^3, 4^9\})$	104448
20	$\mathcal{O}(0; \{20, 10, 5^8, 4, 2^4\})$	419432
20	$\mathcal{O}(0; \{20, 10, 5^8, 4^3, 2\})$	1677728
20	$\mathcal{O}(0; \{20, 10^2, 4, 2^{15}\})$	24
20	$\mathcal{O}(0; \{20, 10^2, 4^3, 2^{12}\})$	96
20	$\mathcal{O}(0; \{20, 10^2, 4^5, 2^9\})$	384
20	$\mathcal{O}(0; \{20, 10^2, 4^7, 2^6\})$	1536
20	$\mathcal{O}(0; \{20, 10^2, 4^9, 2^3\})$	6144
20	$\mathcal{O}(0; \{20, 10^2, 4^{11}\})$	24576
20	$\mathcal{O}(0; \{20, 10^2, 5^5, 4, 2^7\})$	26216
20	$\mathcal{O}(0; \{20, 10^2, 5^5, 4^3, 2^4\})$	104864
20	$\mathcal{O}(0; \{20, 10^2, 5^5, 4^5, 2\})$	419456
20	$\mathcal{O}(0; \{20, 10^3, 5^2, 4, 2^{10}\})$	1640
20	$\mathcal{O}(0; \{20, 10^3, 5^2, 4^3, 2^7\})$	6560
20	$\mathcal{O}(0; \{20, 10^3, 5^2, 4^5, 2^4\})$	26240
20	$\mathcal{O}(0; \{20, 10^3, 5^2, 4^7, 2\})$	104960
20	$\mathcal{O}(0; \{20, 10^3, 5^7, 4, 2^2\})$	1677720
20	$\mathcal{O}(0; \{20, 10^4, 5^4, 4, 2^5\})$	104856
20	$\mathcal{O}(0; \{20, 10^4, 5^4, 4^3, 2^2\})$	419424
20	$\mathcal{O}(0; \{20, 10^5, 5, 4, 2^8\})$	6552
20	$\mathcal{O}(0; \{20, 10^5, 5, 4^3, 2^5\})$	26208
20	$\mathcal{O}(0; \{20, 10^5, 5, 4^5, 2^2\})$	104832
20	$\mathcal{O}(0; \{20, 10^5, 5^6, 4\})$	6710888

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20, 10^6, 5^3, 4, 2^3\})$	419432
20	$\mathcal{O}(0; \{20, 10^6, 5^3, 4^3\})$	1677728
20	$\mathcal{O}(0; \{20, 10^7, 4, 2^6\})$	26216
20	$\mathcal{O}(0; \{20, 10^7, 4^3, 2^3\})$	104864
20	$\mathcal{O}(0; \{20, 10^7, 4^5\})$	419456
20	$\mathcal{O}(0; \{20, 10^8, 5^2, 4, 2\})$	1677720
20	$\mathcal{O}(0; \{20^2, 5^2, 2^{15}\})$	104
20	$\mathcal{O}(0; \{20^2, 5^2, 4^2, 2^{12}\})$	416
20	$\mathcal{O}(0; \{20^2, 5^2, 4^4, 2^9\})$	1664
20	$\mathcal{O}(0; \{20^2, 5^2, 4^6, 2^6\})$	6656
20	$\mathcal{O}(0; \{20^2, 5^2, 4^8, 2^3\})$	26624
20	$\mathcal{O}(0; \{20^2, 5^2, 4^{10}\})$	106496
20	$\mathcal{O}(0; \{20^2, 5^7, 2^7\})$	104856
20	$\mathcal{O}(0; \{20^2, 5^7, 4^2, 2^4\})$	419424
20	$\mathcal{O}(0; \{20^2, 5^7, 4^4, 2\})$	1677696
20	$\mathcal{O}(0; \{20^2, 10, 5^4, 2^{10}\})$	6552
20	$\mathcal{O}(0; \{20^2, 10, 5^4, 4^2, 2^7\})$	26208
20	$\mathcal{O}(0; \{20^2, 10, 5^4, 4^4, 2^4\})$	104832
20	$\mathcal{O}(0; \{20^2, 10, 5^4, 4^6, 2\})$	419328
20	$\mathcal{O}(0; \{20^2, 10, 5^9, 2^2\})$	6710888
20	$\mathcal{O}(0; \{20^2, 10^2, 5, 2^{13}\})$	408
20	$\mathcal{O}(0; \{20^2, 10^2, 5, 4^2, 2^{10}\})$	1632
20	$\mathcal{O}(0; \{20^2, 10^2, 5, 4^4, 2^7\})$	6528
20	$\mathcal{O}(0; \{20^2, 10^2, 5, 4^6, 2^4\})$	26112
20	$\mathcal{O}(0; \{20^2, 10^2, 5, 4^8, 2\})$	104448
20	$\mathcal{O}(0; \{20^2, 10^2, 5^6, 2^5\})$	419432
20	$\mathcal{O}(0; \{20^2, 10^2, 5^6, 4^2, 2^2\})$	1677728
20	$\mathcal{O}(0; \{20^2, 10^3, 5^3, 2^8\})$	26216
20	$\mathcal{O}(0; \{20^2, 10^3, 5^3, 4^2, 2^5\})$	104864
20	$\mathcal{O}(0; \{20^2, 10^3, 5^3, 4^4, 2^2\})$	419456
20	$\mathcal{O}(0; \{20^2, 10^3, 5^8\})$	26843544
20	$\mathcal{O}(0; \{20^2, 10^4, 2^{11}\})$	1640
20	$\mathcal{O}(0; \{20^2, 10^4, 4^2, 2^8\})$	6560
20	$\mathcal{O}(0; \{20^2, 10^4, 4^4, 2^5\})$	26240
20	$\mathcal{O}(0; \{20^2, 10^4, 4^6, 2^2\})$	104960
20	$\mathcal{O}(0; \{20^2, 10^4, 5^5, 2^3\})$	1677720
20	$\mathcal{O}(0; \{20^2, 10^4, 5^5, 4^2\})$	6710880
20	$\mathcal{O}(0; \{20^2, 10^5, 5^2, 2^6\})$	104856
20	$\mathcal{O}(0; \{20^2, 10^5, 5^2, 4^2, 2^3\})$	419424
20	$\mathcal{O}(0; \{20^2, 10^5, 5^2, 4^4\})$	1677696
20	$\mathcal{O}(0; \{20^2, 10^6, 5^4, 2\})$	6710888
20	$\mathcal{O}(0; \{20^2, 10^7, 5, 2^4\})$	419432
20	$\mathcal{O}(0; \{20^2, 10^7, 5, 4^2, 2\})$	1677728

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20^2, 10^9, 2^2\})$	1677720
20	$\mathcal{O}(0; \{20^3, 5^3, 4, 2^{10}\})$	6560
20	$\mathcal{O}(0; \{20^3, 5^3, 4^3, 2^7\})$	26240
20	$\mathcal{O}(0; \{20^3, 5^3, 4^5, 2^4\})$	104960
20	$\mathcal{O}(0; \{20^3, 5^3, 4^7, 2\})$	419840
20	$\mathcal{O}(0; \{20^3, 5^8, 4, 2^2\})$	6710880
20	$\mathcal{O}(0; \{20^3, 10, 4, 2^{13}\})$	416
20	$\mathcal{O}(0; \{20^3, 10, 4^3, 2^{10}\})$	1664
20	$\mathcal{O}(0; \{20^3, 10, 4^5, 2^7\})$	6656
20	$\mathcal{O}(0; \{20^3, 10, 4^7, 2^4\})$	26624
20	$\mathcal{O}(0; \{20^3, 10, 4^9, 2\})$	106496
20	$\mathcal{O}(0; \{20^3, 10, 5^5, 4, 2^5\})$	419424
20	$\mathcal{O}(0; \{20^3, 10, 5^5, 4^3, 2^2\})$	1677696
20	$\mathcal{O}(0; \{20^3, 10^2, 5^2, 4, 2^8\})$	26208
20	$\mathcal{O}(0; \{20^3, 10^2, 5^2, 4^3, 2^5\})$	104832
20	$\mathcal{O}(0; \{20^3, 10^2, 5^2, 4^5, 2^2\})$	419328
20	$\mathcal{O}(0; \{20^3, 10^2, 5^7, 4\})$	26843552
20	$\mathcal{O}(0; \{20^3, 10^3, 5^4, 4, 2^3\})$	1677728
20	$\mathcal{O}(0; \{20^3, 10^3, 5^4, 4^3\})$	6710912
20	$\mathcal{O}(0; \{20^3, 10^4, 5, 4, 2^6\})$	104864
20	$\mathcal{O}(0; \{20^3, 10^4, 5, 4^3, 2^3\})$	419456
20	$\mathcal{O}(0; \{20^3, 10^4, 5, 4^5\})$	1677824
20	$\mathcal{O}(0; \{20^3, 10^5, 5^3, 4, 2\})$	6710880
20	$\mathcal{O}(0; \{20^3, 10^6, 4, 2^4\})$	419424
20	$\mathcal{O}(0; \{20^3, 10^6, 4^3, 2\})$	1677696
20	$\mathcal{O}(0; \{20^4, 5^4, 2^8\})$	104864
20	$\mathcal{O}(0; \{20^4, 5^4, 4^2, 2^5\})$	419456
20	$\mathcal{O}(0; \{20^4, 5^4, 4^4, 2^2\})$	1677824
20	$\mathcal{O}(0; \{20^4, 5^9\})$	107374176
20	$\mathcal{O}(0; \{20^4, 10, 5, 2^{11}\})$	6560
20	$\mathcal{O}(0; \{20^4, 10, 5, 4^2, 2^8\})$	26240
20	$\mathcal{O}(0; \{20^4, 10, 5, 4^4, 2^5\})$	104960
20	$\mathcal{O}(0; \{20^4, 10, 5, 4^6, 2^2\})$	419840
20	$\mathcal{O}(0; \{20^4, 10, 5^6, 2^3\})$	6710880
20	$\mathcal{O}(0; \{20^4, 10, 5^6, 4^2\})$	26843520
20	$\mathcal{O}(0; \{20^4, 10^2, 5^3, 2^6\})$	419424
20	$\mathcal{O}(0; \{20^4, 10^2, 5^3, 4^2, 2^3\})$	1677696
20	$\mathcal{O}(0; \{20^4, 10^2, 5^3, 4^4\})$	6710784
20	$\mathcal{O}(0; \{20^4, 10^3, 2^9\})$	26208
20	$\mathcal{O}(0; \{20^4, 10^3, 4^2, 2^6\})$	104832
20	$\mathcal{O}(0; \{20^4, 10^3, 4^4, 2^3\})$	419328
20	$\mathcal{O}(0; \{20^4, 10^3, 4^6\})$	1677312
20	$\mathcal{O}(0; \{20^4, 10^3, 5^5, 2\})$	26843552

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20^4, 10^4, 5^2, 2^4\})$	1677728
20	$\mathcal{O}(0; \{20^4, 10^4, 5^2, 4^2, 2\})$	6710912
20	$\mathcal{O}(0; \{20^4, 10^6, 5, 2^2\})$	6710880
20	$\mathcal{O}(0; \{20^4, 10^8\})$	26843552
20	$\mathcal{O}(0; \{20^5, 4, 2^{11}\})$	6528
20	$\mathcal{O}(0; \{20^5, 4^3, 2^8\})$	26112
20	$\mathcal{O}(0; \{20^5, 4^5, 2^5\})$	104448
20	$\mathcal{O}(0; \{20^5, 4^7, 2^2\})$	417792
20	$\mathcal{O}(0; \{20^5, 5^5, 4, 2^3\})$	6710912
20	$\mathcal{O}(0; \{20^5, 5^5, 4^3\})$	26843648
20	$\mathcal{O}(0; \{20^5, 10, 5^2, 4, 2^6\})$	419456
20	$\mathcal{O}(0; \{20^5, 10, 5^2, 4^3, 2^3\})$	1677824
20	$\mathcal{O}(0; \{20^5, 10, 5^2, 4^5\})$	6711296
20	$\mathcal{O}(0; \{20^5, 10^2, 5^4, 4, 2\})$	26843520
20	$\mathcal{O}(0; \{20^5, 10^3, 5, 4, 2^4\})$	1677696
20	$\mathcal{O}(0; \{20^5, 10^3, 5, 4^3, 2\})$	6710784
20	$\mathcal{O}(0; \{20^5, 10^5, 4, 2^2\})$	6710912
20	$\mathcal{O}(0; \{20^6, 5, 2^9\})$	104832
20	$\mathcal{O}(0; \{20^6, 5, 4^2, 2^6\})$	419328
20	$\mathcal{O}(0; \{20^6, 5, 4^4, 2^3\})$	1677312
20	$\mathcal{O}(0; \{20^6, 5, 4^6\})$	6709248
20	$\mathcal{O}(0; \{20^6, 5^6, 2\})$	107374208
20	$\mathcal{O}(0; \{20^6, 10, 5^3, 2^4\})$	6710912
20	$\mathcal{O}(0; \{20^6, 10, 5^3, 4^2, 2\})$	26843648
20	$\mathcal{O}(0; \{20^6, 10^2, 2^7\})$	419456
20	$\mathcal{O}(0; \{20^6, 10^2, 4^2, 2^4\})$	1677824
20	$\mathcal{O}(0; \{20^6, 10^2, 4^4, 2\})$	6711296
20	$\mathcal{O}(0; \{20^6, 10^3, 5^2, 2^2\})$	26843520
20	$\mathcal{O}(0; \{20^6, 10^5, 5\})$	107374208
20	$\mathcal{O}(0; \{20^7, 5^2, 4, 2^4\})$	6710784
20	$\mathcal{O}(0; \{20^7, 5^2, 4^3, 2\})$	26843136
20	$\mathcal{O}(0; \{20^7, 10^2, 5, 4, 2^2\})$	26843648
20	$\mathcal{O}(0; \{20^7, 10^4, 4\})$	107374080
20	$\mathcal{O}(0; \{20^8, 5^3, 2^2\})$	107374080
20	$\mathcal{O}(0; \{20^8, 10, 2^5\})$	6710784
20	$\mathcal{O}(0; \{20^8, 10, 4^2, 2^2\})$	26843136
20	$\mathcal{O}(0; \{20^8, 10^2, 5^2\})$	429496832
20	$\mathcal{O}(0; \{20^9, 10, 5, 4\})$	429496320
20	$\mathcal{O}(0; \{20^{10}, 2^3\})$	107374592
20	$\mathcal{O}(0; \{20^{10}, 4^2\})$	429498368
21	$\mathcal{O}(4; \{7^3\})$	1134512836800
21	$\mathcal{O}(4; \{21^2, 3\})$	453874312332
21	$\mathcal{O}(3; \{7^3, 3^3\})$	5145967260

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
21	$\mathcal{O}(3; \{21^2, 3^4\})$	11321127972
21	$\mathcal{O}(3; \{21^3, 7^2\})$	190400788620
21	$\mathcal{O}(2; \{7^3, 3^6\})$	128357460
21	$\mathcal{O}(2; \{21, 7^5, 3^2\})$	2592820692
21	$\mathcal{O}(2; \{21^2, 3^7\})$	198370620
21	$\mathcal{O}(2; \{21^3, 7^2, 3^3\})$	4749226020
21	$\mathcal{O}(2; \{21^6, 7\})$	171100494180
21	$\mathcal{O}(1; \{7^3, 3^9\})$	2249100
21	$\mathcal{O}(1; \{7^{10}\})$	3386106192
21	$\mathcal{O}(1; \{21, 7^5, 3^5\})$	64673532
21	$\mathcal{O}(1; \{21^2, 3^{10}\})$	3614436
21	$\mathcal{O}(1; \{21^2, 7^7, 3\})$	1269788940
21	$\mathcal{O}(1; \{21^3, 7^2, 3^6\})$	83216700
21	$\mathcal{O}(1; \{21^4, 7^4, 3^2\})$	2327956092
21	$\mathcal{O}(1; \{21^6, 7, 3^3\})$	2998050300
21	$\mathcal{O}(1; \{21^9\})$	107932059900
21	$\mathcal{O}(0; \{7^3, 3^{12}\})$	40980
21	$\mathcal{O}(0; \{7^{10}, 3^3\})$	17276052
21	$\mathcal{O}(0; \{21, 7^5, 3^8\})$	1133220
21	$\mathcal{O}(0; \{21^2, 3^{13}\})$	65532
21	$\mathcal{O}(0; \{21^2, 7^7, 3^4\})$	31672740
21	$\mathcal{O}(0; \{21^3, 7^2, 3^9\})$	1516260
21	$\mathcal{O}(0; \{21^3, 7^9\})$	621937812
21	$\mathcal{O}(0; \{21^4, 7^4, 3^5\})$	40790820
21	$\mathcal{O}(0; \{21^5, 7^6, 3\})$	1140219300
21	$\mathcal{O}(0; \{21^6, 7, 3^6\})$	54626340
21	$\mathcal{O}(0; \{21^7, 7^3, 3^2\})$	1468464420
21	$\mathcal{O}(0; \{21^9, 3^3\})$	1966589220
22	$\mathcal{O}(3; \{22, 11^3, 2\})$	103175712640
22	$\mathcal{O}(2; \{22, 11^3, 2^5\})$	213172960
22	$\mathcal{O}(2; \{22^3, 11^2, 2^3\})$	2129387040
22	$\mathcal{O}(2; \{22^5, 11, 2\})$	21296212960
22	$\mathcal{O}(1; \{11^9\})$	32999999670
22	$\mathcal{O}(1; \{22, 11^3, 2^9\})$	440440
22	$\mathcal{O}(1; \{22^3, 11^2, 2^7\})$	4399560
22	$\mathcal{O}(1; \{22^5, 11, 2^5\})$	44000440
22	$\mathcal{O}(1; \{22^7, 2^3\})$	439999560
22	$\mathcal{O}(0; \{11^9, 2^4\})$	90909090
22	$\mathcal{O}(0; \{22, 11^3, 2^{13}\})$	910
22	$\mathcal{O}(0; \{22^2, 11^8, 2^2\})$	909090910
22	$\mathcal{O}(0; \{22^3, 11^2, 2^{11}\})$	9090
22	$\mathcal{O}(0; \{22^4, 11^7\})$	9090909090
22	$\mathcal{O}(0; \{22^5, 11, 2^9\})$	90910

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
22	$\mathcal{O}(0; \{22^7, 2^7\})$	909090
23	$\mathcal{O}(3; \{23^4\})$	1507893565354
24	$\mathcal{O}(4; \{4^2\})$	219257241600
24	$\mathcal{O}(3; \{4^2, 2^4\})$	375717888
24	$\mathcal{O}(3; \{4^2, 3^3\})$	752467968
24	$\mathcal{O}(3; \{4^4, 2\})$	1502871552
24	$\mathcal{O}(3; \{6, 4^2, 3, 2\})$	752467968
24	$\mathcal{O}(3; \{8^2, 4, 2^2\})$	1526726656
24	$\mathcal{O}(3; \{8^4\})$	12213813248
24	$\mathcal{O}(3; \{12, 4, 3^2, 2\})$	752467968
24	$\mathcal{O}(3; \{12, 6, 4, 2^2\})$	752467968
24	$\mathcal{O}(3; \{12, 8^2, 6\})$	3057647616
24	$\mathcal{O}(3; \{12^2, 3, 2^2\})$	752467968
24	$\mathcal{O}(3; \{12^2, 6^2\})$	2257403904
24	$\mathcal{O}(3; \{12^3, 4\})$	3009871872
24	$\mathcal{O}(3; \{24, 8, 3, 2^2\})$	1528823808
24	$\mathcal{O}(3; \{24, 8, 6^2\})$	1528823808
24	$\mathcal{O}(3; \{24, 12, 8, 4\})$	6115295232
24	$\mathcal{O}(3; \{24^2, 6, 4\})$	3057647616
24	$\mathcal{O}(3; \{24^2, 12, 3\})$	9172942848
24	$\mathcal{O}(2; \{4^2, 2^8\})$	614400
24	$\mathcal{O}(2; \{4^2, 3^3, 2^4\})$	1244160
24	$\mathcal{O}(2; \{4^2, 3^6\})$	13685760
24	$\mathcal{O}(2; \{4^4, 2^5\})$	2457600
24	$\mathcal{O}(2; \{4^4, 3^3, 2\})$	4976640
24	$\mathcal{O}(2; \{4^6, 2^2\})$	9830400
24	$\mathcal{O}(2; \{6, 4^2, 3, 2^5\})$	1244160
24	$\mathcal{O}(2; \{6, 4^2, 3^4, 2\})$	6220800
24	$\mathcal{O}(2; \{6, 4^4, 3, 2^2\})$	4976640
24	$\mathcal{O}(2; \{6^2, 4^2, 3^2, 2^2\})$	3732480
24	$\mathcal{O}(2; \{6^3, 4^2, 2^3\})$	1244160
24	$\mathcal{O}(2; \{6^3, 4^4\})$	4976640
24	$\mathcal{O}(2; \{6^4, 4^2, 3\})$	6220800
24	$\mathcal{O}(2; \{8^2, 4, 2^6\})$	2621440
24	$\mathcal{O}(2; \{8^2, 4, 3^3, 2^2\})$	5308416
24	$\mathcal{O}(2; \{8^2, 4^3, 2^3\})$	10485760
24	$\mathcal{O}(2; \{8^2, 4^5\})$	41943040
24	$\mathcal{O}(2; \{8^2, 6, 4, 3, 2^3\})$	5308416
24	$\mathcal{O}(2; \{8^2, 6, 4^3, 3\})$	21233664
24	$\mathcal{O}(2; \{8^2, 6^2, 4, 3^2\})$	15925248
24	$\mathcal{O}(2; \{8^2, 6^3, 4, 2\})$	5308416
24	$\mathcal{O}(2; \{8^4, 2^4\})$	20971520
24	$\mathcal{O}(2; \{8^4, 3^3\})$	42467328

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(2; \{8^4, 4^2, 2\})$	83886080
24	$\mathcal{O}(2; \{8^4, 6, 3, 2\})$	42467328
24	$\mathcal{O}(2; \{12, 4, 3^2, 2^5\})$	1244160
24	$\mathcal{O}(2; \{12, 4, 3^5, 2\})$	13685760
24	$\mathcal{O}(2; \{12, 4^3, 3^2, 2^2\})$	4976640
24	$\mathcal{O}(2; \{12, 6, 4, 2^6\})$	1244160
24	$\mathcal{O}(2; \{12, 6, 4, 3^3, 2^2\})$	6220800
24	$\mathcal{O}(2; \{12, 6, 4^3, 2^3\})$	4976640
24	$\mathcal{O}(2; \{12, 6, 4^5\})$	19906560
24	$\mathcal{O}(2; \{12, 6^2, 4, 3, 2^3\})$	3732480
24	$\mathcal{O}(2; \{12, 6^2, 4^3, 3\})$	14929920
24	$\mathcal{O}(2; \{12, 6^3, 4, 3^2\})$	13685760
24	$\mathcal{O}(2; \{12, 6^4, 4, 2\})$	6220800
24	$\mathcal{O}(2; \{12, 8^2, 3^2, 2^3\})$	5308416
24	$\mathcal{O}(2; \{12, 8^2, 4^2, 3^2\})$	21233664
24	$\mathcal{O}(2; \{12, 8^2, 6, 2^4\})$	5308416
24	$\mathcal{O}(2; \{12, 8^2, 6, 3^3\})$	26542080
24	$\mathcal{O}(2; \{12, 8^2, 6, 4^2, 2\})$	21233664
24	$\mathcal{O}(2; \{12, 8^2, 6^2, 3, 2\})$	15925248
24	$\mathcal{O}(2; \{12^2, 3, 2^6\})$	1244160
24	$\mathcal{O}(2; \{12^2, 3^4, 2^2\})$	13685760
24	$\mathcal{O}(2; \{12^2, 4^2, 3, 2^3\})$	4976640
24	$\mathcal{O}(2; \{12^2, 4^4, 3\})$	19906560
24	$\mathcal{O}(2; \{12^2, 6, 3^2, 2^3\})$	6220800
24	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^2\})$	24883200
24	$\mathcal{O}(2; \{12^2, 6^2, 2^4\})$	3732480
24	$\mathcal{O}(2; \{12^2, 6^2, 3^3\})$	26127360
24	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 2\})$	14929920
24	$\mathcal{O}(2; \{12^2, 6^3, 3, 2\})$	13685760
24	$\mathcal{O}(2; \{12^2, 8^2, 4, 3, 2\})$	21233664
24	$\mathcal{O}(2; \{12^3, 4, 2^4\})$	4976640
24	$\mathcal{O}(2; \{12^3, 4, 3^3\})$	54743040
24	$\mathcal{O}(2; \{12^3, 4^3, 2\})$	19906560
24	$\mathcal{O}(2; \{12^3, 6, 4, 3, 2\})$	24883200
24	$\mathcal{O}(2; \{12^3, 8^2, 2^2\})$	21233664
24	$\mathcal{O}(2; \{12^4, 3^2, 2\})$	54743040
24	$\mathcal{O}(2; \{12^4, 6, 2^2\})$	24883200
24	$\mathcal{O}(2; \{12^6\})$	218972160
24	$\mathcal{O}(2; \{24, 8, 3, 2^6\})$	2654208
24	$\mathcal{O}(2; \{24, 8, 3^4, 2^2\})$	13271040
24	$\mathcal{O}(2; \{24, 8, 4^2, 3, 2^3\})$	10616832
24	$\mathcal{O}(2; \{24, 8, 4^4, 3\})$	42467328
24	$\mathcal{O}(2; \{24, 8, 6, 3^2, 2^3\})$	7962624

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(2; \{24, 8, 6, 4^2, 3^2\})$	31850496
24	$\mathcal{O}(2; \{24, 8, 6^2, 2^4\})$	2654208
24	$\mathcal{O}(2; \{24, 8, 6^2, 3^3\})$	29196288
24	$\mathcal{O}(2; \{24, 8, 6^2, 4^2, 2\})$	10616832
24	$\mathcal{O}(2; \{24, 8, 6^3, 3, 2\})$	13271040
24	$\mathcal{O}(2; \{24, 8^3, 4, 3, 2\})$	84934656
24	$\mathcal{O}(2; \{24, 12, 8, 4, 2^4\})$	10616832
24	$\mathcal{O}(2; \{24, 12, 8, 4, 3^3\})$	53084160
24	$\mathcal{O}(2; \{24, 12, 8, 4^3, 2\})$	42467328
24	$\mathcal{O}(2; \{24, 12, 8, 6, 4, 3, 2\})$	31850496
24	$\mathcal{O}(2; \{24, 12, 8^3, 2^2\})$	84934656
24	$\mathcal{O}(2; \{24, 12^2, 8, 3^2, 2\})$	53084160
24	$\mathcal{O}(2; \{24, 12^2, 8, 6, 2^2\})$	31850496
24	$\mathcal{O}(2; \{24, 12^4, 8\})$	212336640
24	$\mathcal{O}(2; \{24^2, 4, 3^2, 2^3\})$	15925248
24	$\mathcal{O}(2; \{24^2, 4^3, 3^2\})$	63700992
24	$\mathcal{O}(2; \{24^2, 6, 4, 2^4\})$	5308416
24	$\mathcal{O}(2; \{24^2, 6, 4, 3^3\})$	58392576
24	$\mathcal{O}(2; \{24^2, 6, 4^3, 2\})$	21233664
24	$\mathcal{O}(2; \{24^2, 6^2, 4, 3, 2\})$	26542080
24	$\mathcal{O}(2; \{24^2, 8^2, 3^2, 2\})$	127401984
24	$\mathcal{O}(2; \{24^2, 8^2, 6, 2^2\})$	42467328
24	$\mathcal{O}(2; \{24^2, 12, 3, 2^4\})$	15925248
24	$\mathcal{O}(2; \{24^2, 12, 3^4\})$	111476736
24	$\mathcal{O}(2; \{24^2, 12, 4^2, 3, 2\})$	63700992
24	$\mathcal{O}(2; \{24^2, 12, 6, 3^2, 2\})$	58392576
24	$\mathcal{O}(2; \{24^2, 12, 6^2, 2^2\})$	26542080
24	$\mathcal{O}(2; \{24^2, 12^2, 4, 2^2\})$	63700992
24	$\mathcal{O}(2; \{24^2, 12^2, 8^2\})$	509607936
24	$\mathcal{O}(2; \{24^2, 12^3, 6\})$	233570304
24	$\mathcal{O}(2; \{24^3, 8, 4, 2^2\})$	84934656
24	$\mathcal{O}(2; \{24^3, 8^3\})$	679477248
24	$\mathcal{O}(2; \{24^3, 12, 8, 6\})$	424673280
24	$\mathcal{O}(2; \{24^4, 3, 2^2\})$	212336640
24	$\mathcal{O}(2; \{24^4, 6^2\})$	467140608
24	$\mathcal{O}(2; \{24^4, 12, 4\})$	849346560
24	$\mathcal{O}(1; \{4^2, 2^{12}\})$	768
24	$\mathcal{O}(1; \{4^2, 3^3, 2^8\})$	1728
24	$\mathcal{O}(1; \{4^2, 3^6, 2^4\})$	19008
24	$\mathcal{O}(1; \{4^2, 3^9\})$	146880
24	$\mathcal{O}(1; \{4^4, 2^9\})$	3072
24	$\mathcal{O}(1; \{4^4, 3^3, 2^5\})$	6912
24	$\mathcal{O}(1; \{4^4, 3^6, 2\})$	76032

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{4^6, 2^6\})$	12288
24	$\mathcal{O}(1; \{4^6, 3^3, 2^2\})$	27648
24	$\mathcal{O}(1; \{4^8, 2^3\})$	49152
24	$\mathcal{O}(1; \{4^{10}\})$	196608
24	$\mathcal{O}(1; \{6, 4^2, 3, 2^9\})$	1728
24	$\mathcal{O}(1; \{6, 4^2, 3^4, 2^5\})$	8640
24	$\mathcal{O}(1; \{6, 4^2, 3^7, 2\})$	74304
24	$\mathcal{O}(1; \{6, 4^4, 3, 2^6\})$	6912
24	$\mathcal{O}(1; \{6, 4^4, 3^4, 2^2\})$	34560
24	$\mathcal{O}(1; \{6, 4^6, 3, 2^3\})$	27648
24	$\mathcal{O}(1; \{6, 4^8, 3\})$	110592
24	$\mathcal{O}(1; \{6^2, 4^2, 3^2, 2^6\})$	5184
24	$\mathcal{O}(1; \{6^2, 4^2, 3^5, 2^2\})$	36288
24	$\mathcal{O}(1; \{6^2, 4^4, 3^2, 2^3\})$	20736
24	$\mathcal{O}(1; \{6^2, 4^6, 3^2\})$	82944
24	$\mathcal{O}(1; \{6^3, 4^2, 2^7\})$	1728
24	$\mathcal{O}(1; \{6^3, 4^2, 3^3, 2^3\})$	19008
24	$\mathcal{O}(1; \{6^3, 4^4, 2^4\})$	6912
24	$\mathcal{O}(1; \{6^3, 4^4, 3^3\})$	76032
24	$\mathcal{O}(1; \{6^3, 4^6, 2\})$	27648
24	$\mathcal{O}(1; \{6^4, 4^2, 3, 2^4\})$	8640
24	$\mathcal{O}(1; \{6^4, 4^2, 3^4\})$	74304
24	$\mathcal{O}(1; \{6^4, 4^4, 3, 2\})$	34560
24	$\mathcal{O}(1; \{6^5, 4^2, 3^2, 2\})$	36288
24	$\mathcal{O}(1; \{6^6, 4^2, 2^2\})$	19008
24	$\mathcal{O}(1; \{8^2, 4, 2^{10}\})$	4096
24	$\mathcal{O}(1; \{8^2, 4, 3^3, 2^6\})$	9216
24	$\mathcal{O}(1; \{8^2, 4, 3^6, 2^2\})$	101376
24	$\mathcal{O}(1; \{8^2, 4^3, 2^7\})$	16384
24	$\mathcal{O}(1; \{8^2, 4^3, 3^3, 2^3\})$	36864
24	$\mathcal{O}(1; \{8^2, 4^5, 2^4\})$	65536
24	$\mathcal{O}(1; \{8^2, 4^5, 3^3\})$	147456
24	$\mathcal{O}(1; \{8^2, 4^7, 2\})$	262144
24	$\mathcal{O}(1; \{8^2, 6, 4, 3, 2^7\})$	9216
24	$\mathcal{O}(1; \{8^2, 6, 4, 3^4, 2^3\})$	46080
24	$\mathcal{O}(1; \{8^2, 6, 4^3, 3, 2^4\})$	36864
24	$\mathcal{O}(1; \{8^2, 6, 4^3, 3^4\})$	184320
24	$\mathcal{O}(1; \{8^2, 6, 4^5, 3, 2\})$	147456
24	$\mathcal{O}(1; \{8^2, 6^2, 4, 3^2, 2^4\})$	27648
24	$\mathcal{O}(1; \{8^2, 6^2, 4, 3^5\})$	193536
24	$\mathcal{O}(1; \{8^2, 6^2, 4^3, 3^2, 2\})$	110592
24	$\mathcal{O}(1; \{8^2, 6^3, 4, 2^5\})$	9216
24	$\mathcal{O}(1; \{8^2, 6^3, 4, 3^3, 2\})$	101376

Continued on next page

Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{8^2, 6^3, 4^3, 2^2\})$	36864
24	$\mathcal{O}(1; \{8^2, 6^4, 4, 3, 2^2\})$	46080
24	$\mathcal{O}(1; \{8^2, 6^6, 4\})$	101376
24	$\mathcal{O}(1; \{8^4, 2^8\})$	32768
24	$\mathcal{O}(1; \{8^4, 3^3, 2^4\})$	73728
24	$\mathcal{O}(1; \{8^4, 3^6\})$	811008
24	$\mathcal{O}(1; \{8^4, 4^2, 2^5\})$	131072
24	$\mathcal{O}(1; \{8^4, 4^2, 3^3, 2\})$	294912
24	$\mathcal{O}(1; \{8^4, 4^4, 2^2\})$	524288
24	$\mathcal{O}(1; \{8^4, 6, 3, 2^5\})$	73728
24	$\mathcal{O}(1; \{8^4, 6, 3^4, 2\})$	368640
24	$\mathcal{O}(1; \{8^4, 6, 4^2, 3, 2^2\})$	294912
24	$\mathcal{O}(1; \{8^4, 6^2, 3^2, 2^2\})$	221184
24	$\mathcal{O}(1; \{8^4, 6^3, 2^3\})$	73728
24	$\mathcal{O}(1; \{8^4, 6^3, 4^2\})$	294912
24	$\mathcal{O}(1; \{8^4, 6^4, 3\})$	368640
24	$\mathcal{O}(1; \{8^6, 4, 2^3\})$	1048576
24	$\mathcal{O}(1; \{8^6, 4^3\})$	4194304
24	$\mathcal{O}(1; \{8^6, 6, 4, 3\})$	2359296
24	$\mathcal{O}(1; \{8^8, 2\})$	8388608
24	$\mathcal{O}(1; \{12, 4, 3^2, 2^9\})$	1728
24	$\mathcal{O}(1; \{12, 4, 3^5, 2^5\})$	19008
24	$\mathcal{O}(1; \{12, 4, 3^8, 2\})$	146880
24	$\mathcal{O}(1; \{12, 4^3, 3^2, 2^6\})$	6912
24	$\mathcal{O}(1; \{12, 4^3, 3^5, 2^2\})$	76032
24	$\mathcal{O}(1; \{12, 4^5, 3^2, 2^3\})$	27648
24	$\mathcal{O}(1; \{12, 4^7, 3^2\})$	110592
24	$\mathcal{O}(1; \{12, 6, 4, 2^{10}\})$	1728
24	$\mathcal{O}(1; \{12, 6, 4, 3^3, 2^6\})$	8640
24	$\mathcal{O}(1; \{12, 6, 4, 3^6, 2^2\})$	74304
24	$\mathcal{O}(1; \{12, 6, 4^3, 2^7\})$	6912
24	$\mathcal{O}(1; \{12, 6, 4^3, 3^3, 2^3\})$	34560
24	$\mathcal{O}(1; \{12, 6, 4^5, 2^4\})$	27648
24	$\mathcal{O}(1; \{12, 6, 4^5, 3^3\})$	138240
24	$\mathcal{O}(1; \{12, 6, 4^7, 2\})$	110592
24	$\mathcal{O}(1; \{12, 6^2, 4, 3, 2^7\})$	5184
24	$\mathcal{O}(1; \{12, 6^2, 4, 3^4, 2^3\})$	36288
24	$\mathcal{O}(1; \{12, 6^2, 4^3, 3, 2^4\})$	20736
24	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^4\})$	145152
24	$\mathcal{O}(1; \{12, 6^2, 4^5, 3, 2\})$	82944
24	$\mathcal{O}(1; \{12, 6^3, 4, 3^2, 2^4\})$	19008
24	$\mathcal{O}(1; \{12, 6^3, 4, 3^5\})$	146880
24	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^2, 2\})$	76032

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{12, 6^4, 4, 2^5\})$	8640
24	$\mathcal{O}(1; \{12, 6^4, 4, 3^3, 2\})$	74304
24	$\mathcal{O}(1; \{12, 6^4, 4^3, 2^2\})$	34560
24	$\mathcal{O}(1; \{12, 6^5, 4, 3, 2^2\})$	36288
24	$\mathcal{O}(1; \{12, 6^7, 4\})$	74304
24	$\mathcal{O}(1; \{12, 8^2, 3^2, 2^7\})$	9216
24	$\mathcal{O}(1; \{12, 8^2, 3^5, 2^3\})$	101376
24	$\mathcal{O}(1; \{12, 8^2, 4^2, 3^2, 2^4\})$	36864
24	$\mathcal{O}(1; \{12, 8^2, 4^2, 3^5\})$	405504
24	$\mathcal{O}(1; \{12, 8^2, 4^4, 3^2, 2\})$	147456
24	$\mathcal{O}(1; \{12, 8^2, 6, 2^8\})$	9216
24	$\mathcal{O}(1; \{12, 8^2, 6, 3^3, 2^4\})$	46080
24	$\mathcal{O}(1; \{12, 8^2, 6, 3^6\})$	396288
24	$\mathcal{O}(1; \{12, 8^2, 6, 4^2, 2^5\})$	36864
24	$\mathcal{O}(1; \{12, 8^2, 6, 4^2, 3^3, 2\})$	184320
24	$\mathcal{O}(1; \{12, 8^2, 6, 4^4, 2^2\})$	147456
24	$\mathcal{O}(1; \{12, 8^2, 6^2, 3, 2^5\})$	27648
24	$\mathcal{O}(1; \{12, 8^2, 6^2, 3^4, 2\})$	193536
24	$\mathcal{O}(1; \{12, 8^2, 6^2, 4^2, 3, 2^2\})$	110592
24	$\mathcal{O}(1; \{12, 8^2, 6^3, 3^2, 2^2\})$	101376
24	$\mathcal{O}(1; \{12, 8^2, 6^4, 2^3\})$	46080
24	$\mathcal{O}(1; \{12, 8^2, 6^4, 4^2\})$	184320
24	$\mathcal{O}(1; \{12, 8^2, 6^5, 3\})$	193536
24	$\mathcal{O}(1; \{12, 8^4, 4, 3^2, 2^2\})$	294912
24	$\mathcal{O}(1; \{12, 8^4, 6, 4, 2^3\})$	294912
24	$\mathcal{O}(1; \{12, 8^4, 6, 4^3\})$	1179648
24	$\mathcal{O}(1; \{12, 8^4, 6^2, 4, 3\})$	884736
24	$\mathcal{O}(1; \{12, 8^6, 3^2\})$	2359296
24	$\mathcal{O}(1; \{12, 8^6, 6, 2\})$	2359296
24	$\mathcal{O}(1; \{12^2, 3, 2^{10}\})$	1728
24	$\mathcal{O}(1; \{12^2, 3^4, 2^6\})$	19008
24	$\mathcal{O}(1; \{12^2, 3^7, 2^2\})$	146880
24	$\mathcal{O}(1; \{12^2, 4^2, 3, 2^7\})$	6912
24	$\mathcal{O}(1; \{12^2, 4^2, 3^4, 2^3\})$	76032
24	$\mathcal{O}(1; \{12^2, 4^4, 3, 2^4\})$	27648
24	$\mathcal{O}(1; \{12^2, 4^4, 3^4\})$	304128
24	$\mathcal{O}(1; \{12^2, 4^6, 3, 2\})$	110592
24	$\mathcal{O}(1; \{12^2, 6, 3^2, 2^7\})$	8640
24	$\mathcal{O}(1; \{12^2, 6, 3^5, 2^3\})$	74304
24	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^2, 2^4\})$	34560
24	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^5\})$	297216
24	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^2, 2\})$	138240
24	$\mathcal{O}(1; \{12^2, 6^2, 2^8\})$	5184

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{12^2, 6^2, 3^3, 2^4\})$	36288
24	$\mathcal{O}(1; \{12^2, 6^2, 3^6\})$	295488
24	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 2^5\})$	20736
24	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^3, 2\})$	145152
24	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 2^2\})$	82944
24	$\mathcal{O}(1; \{12^2, 6^3, 3, 2^5\})$	19008
24	$\mathcal{O}(1; \{12^2, 6^3, 3^4, 2\})$	146880
24	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3, 2^2\})$	76032
24	$\mathcal{O}(1; \{12^2, 6^4, 3^2, 2^2\})$	74304
24	$\mathcal{O}(1; \{12^2, 6^5, 2^3\})$	36288
24	$\mathcal{O}(1; \{12^2, 6^5, 4^2\})$	145152
24	$\mathcal{O}(1; \{12^2, 6^6, 3\})$	146880
24	$\mathcal{O}(1; \{12^2, 8^2, 4, 3, 2^5\})$	36864
24	$\mathcal{O}(1; \{12^2, 8^2, 4, 3^4, 2\})$	405504
24	$\mathcal{O}(1; \{12^2, 8^2, 4^3, 3, 2^2\})$	147456
24	$\mathcal{O}(1; \{12^2, 8^2, 6, 4, 3^2, 2^2\})$	184320
24	$\mathcal{O}(1; \{12^2, 8^2, 6^2, 4, 2^3\})$	110592
24	$\mathcal{O}(1; \{12^2, 8^2, 6^2, 4^3\})$	442368
24	$\mathcal{O}(1; \{12^2, 8^2, 6^3, 4, 3\})$	405504
24	$\mathcal{O}(1; \{12^2, 8^4, 3, 2^3\})$	294912
24	$\mathcal{O}(1; \{12^2, 8^4, 4^2, 3\})$	1179648
24	$\mathcal{O}(1; \{12^2, 8^4, 6, 3^2\})$	1474560
24	$\mathcal{O}(1; \{12^2, 8^4, 6^2, 2\})$	884736
24	$\mathcal{O}(1; \{12^3, 4, 2^8\})$	6912
24	$\mathcal{O}(1; \{12^3, 4, 3^3, 2^4\})$	76032
24	$\mathcal{O}(1; \{12^3, 4, 3^6\})$	587520
24	$\mathcal{O}(1; \{12^3, 4^3, 2^5\})$	27648
24	$\mathcal{O}(1; \{12^3, 4^3, 3^3, 2\})$	304128
24	$\mathcal{O}(1; \{12^3, 4^5, 2^2\})$	110592
24	$\mathcal{O}(1; \{12^3, 6, 4, 3, 2^5\})$	34560
24	$\mathcal{O}(1; \{12^3, 6, 4, 3^4, 2\})$	297216
24	$\mathcal{O}(1; \{12^3, 6, 4^3, 3, 2^2\})$	138240
24	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^2, 2^2\})$	145152
24	$\mathcal{O}(1; \{12^3, 6^3, 4, 2^3\})$	76032
24	$\mathcal{O}(1; \{12^3, 6^3, 4^3\})$	304128
24	$\mathcal{O}(1; \{12^3, 6^4, 4, 3\})$	297216
24	$\mathcal{O}(1; \{12^3, 8^2, 2^6\})$	36864
24	$\mathcal{O}(1; \{12^3, 8^2, 3^3, 2^2\})$	405504
24	$\mathcal{O}(1; \{12^3, 8^2, 4^2, 2^3\})$	147456
24	$\mathcal{O}(1; \{12^3, 8^2, 4^4\})$	589824
24	$\mathcal{O}(1; \{12^3, 8^2, 6, 3, 2^3\})$	184320
24	$\mathcal{O}(1; \{12^3, 8^2, 6, 4^2, 3\})$	737280
24	$\mathcal{O}(1; \{12^3, 8^2, 6^2, 3^2\})$	774144

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{12^3, 8^2, 6^3, 2\})$	405504
24	$\mathcal{O}(1; \{12^3, 8^4, 4, 2\})$	1179648
24	$\mathcal{O}(1; \{12^4, 3^2, 2^5\})$	76032
24	$\mathcal{O}(1; \{12^4, 3^5, 2\})$	587520
24	$\mathcal{O}(1; \{12^4, 4^2, 3^2, 2^2\})$	304128
24	$\mathcal{O}(1; \{12^4, 6, 2^6\})$	34560
24	$\mathcal{O}(1; \{12^4, 6, 3^3, 2^2\})$	297216
24	$\mathcal{O}(1; \{12^4, 6, 4^2, 2^3\})$	138240
24	$\mathcal{O}(1; \{12^4, 6, 4^4\})$	552960
24	$\mathcal{O}(1; \{12^4, 6^2, 3, 2^3\})$	145152
24	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3\})$	580608
24	$\mathcal{O}(1; \{12^4, 6^3, 3^2\})$	587520
24	$\mathcal{O}(1; \{12^4, 6^4, 2\})$	297216
24	$\mathcal{O}(1; \{12^4, 8^2, 4, 3^2\})$	1622016
24	$\mathcal{O}(1; \{12^4, 8^2, 6, 4, 2\})$	737280
24	$\mathcal{O}(1; \{12^5, 4, 3, 2^3\})$	304128
24	$\mathcal{O}(1; \{12^5, 4^3, 3\})$	1216512
24	$\mathcal{O}(1; \{12^5, 6, 4, 3^2\})$	1188864
24	$\mathcal{O}(1; \{12^5, 6^2, 4, 2\})$	580608
24	$\mathcal{O}(1; \{12^5, 8^2, 3, 2\})$	1622016
24	$\mathcal{O}(1; \{12^6, 2^4\})$	304128
24	$\mathcal{O}(1; \{12^6, 3^3\})$	2350080
24	$\mathcal{O}(1; \{12^6, 4^2, 2\})$	1216512
24	$\mathcal{O}(1; \{12^6, 6, 3, 2\})$	1188864
24	$\mathcal{O}(1; \{24, 8, 3, 2^{10}\})$	4608
24	$\mathcal{O}(1; \{24, 8, 3^4, 2^6\})$	23040
24	$\mathcal{O}(1; \{24, 8, 3^7, 2^2\})$	198144
24	$\mathcal{O}(1; \{24, 8, 4^2, 3, 2^7\})$	18432
24	$\mathcal{O}(1; \{24, 8, 4^2, 3^4, 2^3\})$	92160
24	$\mathcal{O}(1; \{24, 8, 4^4, 3, 2^4\})$	73728
24	$\mathcal{O}(1; \{24, 8, 4^4, 3^4\})$	368640
24	$\mathcal{O}(1; \{24, 8, 4^6, 3, 2\})$	294912
24	$\mathcal{O}(1; \{24, 8, 6, 3^2, 2^7\})$	13824
24	$\mathcal{O}(1; \{24, 8, 6, 3^5, 2^3\})$	96768
24	$\mathcal{O}(1; \{24, 8, 6, 4^2, 3^2, 2^4\})$	55296
24	$\mathcal{O}(1; \{24, 8, 6, 4^2, 3^5\})$	387072
24	$\mathcal{O}(1; \{24, 8, 6, 4^4, 3^2, 2\})$	221184
24	$\mathcal{O}(1; \{24, 8, 6^2, 2^8\})$	4608
24	$\mathcal{O}(1; \{24, 8, 6^2, 3^3, 2^4\})$	50688
24	$\mathcal{O}(1; \{24, 8, 6^2, 3^6\})$	391680
24	$\mathcal{O}(1; \{24, 8, 6^2, 4^2, 2^5\})$	18432
24	$\mathcal{O}(1; \{24, 8, 6^2, 4^2, 3^3, 2\})$	202752
24	$\mathcal{O}(1; \{24, 8, 6^2, 4^4, 2^2\})$	73728

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24, 8, 6^3, 3, 2^5\})$	23040
24	$\mathcal{O}(1; \{24, 8, 6^3, 3^4, 2\})$	198144
24	$\mathcal{O}(1; \{24, 8, 6^3, 4^2, 3, 2^2\})$	92160
24	$\mathcal{O}(1; \{24, 8, 6^4, 3^2, 2^2\})$	96768
24	$\mathcal{O}(1; \{24, 8, 6^5, 2^3\})$	50688
24	$\mathcal{O}(1; \{24, 8, 6^5, 4^2\})$	202752
24	$\mathcal{O}(1; \{24, 8, 6^6, 3\})$	198144
24	$\mathcal{O}(1; \{24, 8^3, 4, 3, 2^5\})$	147456
24	$\mathcal{O}(1; \{24, 8^3, 4, 3^4, 2\})$	737280
24	$\mathcal{O}(1; \{24, 8^3, 4^3, 3, 2^2\})$	589824
24	$\mathcal{O}(1; \{24, 8^3, 6, 4, 3^2, 2^2\})$	442368
24	$\mathcal{O}(1; \{24, 8^3, 6^2, 4, 2^3\})$	147456
24	$\mathcal{O}(1; \{24, 8^3, 6^2, 4^3\})$	589824
24	$\mathcal{O}(1; \{24, 8^3, 6^3, 4, 3\})$	737280
24	$\mathcal{O}(1; \{24, 8^5, 3, 2^3\})$	1179648
24	$\mathcal{O}(1; \{24, 8^5, 4^2, 3\})$	4718592
24	$\mathcal{O}(1; \{24, 8^5, 6, 3^2\})$	3538944
24	$\mathcal{O}(1; \{24, 8^5, 6^2, 2\})$	1179648
24	$\mathcal{O}(1; \{24, 12, 8, 4, 2^8\})$	18432
24	$\mathcal{O}(1; \{24, 12, 8, 4, 3^3, 2^4\})$	92160
24	$\mathcal{O}(1; \{24, 12, 8, 4, 3^6\})$	792576
24	$\mathcal{O}(1; \{24, 12, 8, 4^3, 2^5\})$	73728
24	$\mathcal{O}(1; \{24, 12, 8, 4^3, 3^3, 2\})$	368640
24	$\mathcal{O}(1; \{24, 12, 8, 4^5, 2^2\})$	294912
24	$\mathcal{O}(1; \{24, 12, 8, 6, 4, 3, 2^5\})$	55296
24	$\mathcal{O}(1; \{24, 12, 8, 6, 4, 3^4, 2\})$	387072
24	$\mathcal{O}(1; \{24, 12, 8, 6, 4^3, 3, 2^2\})$	221184
24	$\mathcal{O}(1; \{24, 12, 8, 6^2, 4, 3^2, 2^2\})$	202752
24	$\mathcal{O}(1; \{24, 12, 8, 6^3, 4, 2^3\})$	92160
24	$\mathcal{O}(1; \{24, 12, 8, 6^3, 4^3\})$	368640
24	$\mathcal{O}(1; \{24, 12, 8, 6^4, 4, 3\})$	387072
24	$\mathcal{O}(1; \{24, 12, 8^3, 2^6\})$	147456
24	$\mathcal{O}(1; \{24, 12, 8^3, 3^3, 2^2\})$	737280
24	$\mathcal{O}(1; \{24, 12, 8^3, 4^2, 2^3\})$	589824
24	$\mathcal{O}(1; \{24, 12, 8^3, 4^4\})$	2359296
24	$\mathcal{O}(1; \{24, 12, 8^3, 6, 3, 2^3\})$	442368
24	$\mathcal{O}(1; \{24, 12, 8^3, 6, 4^2, 3\})$	1769472
24	$\mathcal{O}(1; \{24, 12, 8^3, 6^2, 3^2\})$	1622016
24	$\mathcal{O}(1; \{24, 12, 8^3, 6^3, 2\})$	737280
24	$\mathcal{O}(1; \{24, 12, 8^5, 4, 2\})$	4718592
24	$\mathcal{O}(1; \{24, 12^2, 8, 3^2, 2^5\})$	92160
24	$\mathcal{O}(1; \{24, 12^2, 8, 3^5, 2\})$	792576
24	$\mathcal{O}(1; \{24, 12^2, 8, 4^2, 3^2, 2^2\})$	368640

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24, 12^2, 8, 6, 2^6\})$	55296
24	$\mathcal{O}(1; \{24, 12^2, 8, 6, 3^3, 2^2\})$	387072
24	$\mathcal{O}(1; \{24, 12^2, 8, 6, 4^2, 2^3\})$	221184
24	$\mathcal{O}(1; \{24, 12^2, 8, 6, 4^4\})$	884736
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^2, 3, 2^3\})$	202752
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^2, 4^2, 3\})$	811008
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^3, 3^2\})$	792576
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^4, 2\})$	387072
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 4, 3^2\})$	2949120
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 6, 4, 2\})$	1769472
24	$\mathcal{O}(1; \{24, 12^3, 8, 4, 3, 2^3\})$	368640
24	$\mathcal{O}(1; \{24, 12^3, 8, 4^3, 3\})$	1474560
24	$\mathcal{O}(1; \{24, 12^3, 8, 6, 4, 3^2\})$	1548288
24	$\mathcal{O}(1; \{24, 12^3, 8, 6^2, 4, 2\})$	811008
24	$\mathcal{O}(1; \{24, 12^3, 8^3, 3, 2\})$	2949120
24	$\mathcal{O}(1; \{24, 12^4, 8, 2^4\})$	368640
24	$\mathcal{O}(1; \{24, 12^4, 8, 3^3\})$	3170304
24	$\mathcal{O}(1; \{24, 12^4, 8, 4^2, 2\})$	1474560
24	$\mathcal{O}(1; \{24, 12^4, 8, 6, 3, 2\})$	1548288
24	$\mathcal{O}(1; \{24^2, 4, 3^2, 2^7\})$	27648
24	$\mathcal{O}(1; \{24^2, 4, 3^5, 2^3\})$	193536
24	$\mathcal{O}(1; \{24^2, 4^3, 3^2, 2^4\})$	110592
24	$\mathcal{O}(1; \{24^2, 4^3, 3^5\})$	774144
24	$\mathcal{O}(1; \{24^2, 4^5, 3^2, 2\})$	442368
24	$\mathcal{O}(1; \{24^2, 6, 4, 2^8\})$	9216
24	$\mathcal{O}(1; \{24^2, 6, 4, 3^3, 2^4\})$	101376
24	$\mathcal{O}(1; \{24^2, 6, 4, 3^6\})$	783360
24	$\mathcal{O}(1; \{24^2, 6, 4^3, 2^5\})$	36864
24	$\mathcal{O}(1; \{24^2, 6, 4^3, 3^3, 2\})$	405504
24	$\mathcal{O}(1; \{24^2, 6, 4^5, 2^2\})$	147456
24	$\mathcal{O}(1; \{24^2, 6^2, 4, 3, 2^5\})$	46080
24	$\mathcal{O}(1; \{24^2, 6^2, 4, 3^4, 2\})$	396288
24	$\mathcal{O}(1; \{24^2, 6^2, 4^3, 3, 2^2\})$	184320
24	$\mathcal{O}(1; \{24^2, 6^3, 4, 3^2, 2^2\})$	193536
24	$\mathcal{O}(1; \{24^2, 6^4, 4, 2^3\})$	101376
24	$\mathcal{O}(1; \{24^2, 6^4, 4^3\})$	405504
24	$\mathcal{O}(1; \{24^2, 6^5, 4, 3\})$	396288
24	$\mathcal{O}(1; \{24^2, 8^2, 3^2, 2^5\})$	221184
24	$\mathcal{O}(1; \{24^2, 8^2, 3^5, 2\})$	1548288
24	$\mathcal{O}(1; \{24^2, 8^2, 4^2, 3^2, 2^2\})$	884736
24	$\mathcal{O}(1; \{24^2, 8^2, 6, 2^6\})$	73728
24	$\mathcal{O}(1; \{24^2, 8^2, 6, 3^3, 2^2\})$	811008
24	$\mathcal{O}(1; \{24^2, 8^2, 6, 4^2, 2^3\})$	294912

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^2, 8^2, 6, 4^4\})$	1179648
24	$\mathcal{O}(1; \{24^2, 8^2, 6^2, 3, 2^3\})$	368640
24	$\mathcal{O}(1; \{24^2, 8^2, 6^2, 4^2, 3\})$	1474560
24	$\mathcal{O}(1; \{24^2, 8^2, 6^3, 3^2\})$	1548288
24	$\mathcal{O}(1; \{24^2, 8^2, 6^4, 2\})$	811008
24	$\mathcal{O}(1; \{24^2, 8^4, 4, 3^2\})$	7077888
24	$\mathcal{O}(1; \{24^2, 8^4, 6, 4, 2\})$	2359296
24	$\mathcal{O}(1; \{24^2, 12, 3, 2^8\})$	27648
24	$\mathcal{O}(1; \{24^2, 12, 3^4, 2^4\})$	193536
24	$\mathcal{O}(1; \{24^2, 12, 3^7\})$	1575936
24	$\mathcal{O}(1; \{24^2, 12, 4^2, 3, 2^5\})$	110592
24	$\mathcal{O}(1; \{24^2, 12, 4^2, 3^4, 2\})$	774144
24	$\mathcal{O}(1; \{24^2, 12, 4^4, 3, 2^2\})$	442368
24	$\mathcal{O}(1; \{24^2, 12, 6, 3^2, 2^5\})$	101376
24	$\mathcal{O}(1; \{24^2, 12, 6, 3^5, 2\})$	783360
24	$\mathcal{O}(1; \{24^2, 12, 6, 4^2, 3^2, 2^2\})$	405504
24	$\mathcal{O}(1; \{24^2, 12, 6^2, 2^6\})$	46080
24	$\mathcal{O}(1; \{24^2, 12, 6^2, 3^3, 2^2\})$	396288
24	$\mathcal{O}(1; \{24^2, 12, 6^2, 4^2, 2^3\})$	184320
24	$\mathcal{O}(1; \{24^2, 12, 6^2, 4^4\})$	737280
24	$\mathcal{O}(1; \{24^2, 12, 6^3, 3, 2^3\})$	193536
24	$\mathcal{O}(1; \{24^2, 12, 6^3, 4^2, 3\})$	774144
24	$\mathcal{O}(1; \{24^2, 12, 6^4, 3^2\})$	783360
24	$\mathcal{O}(1; \{24^2, 12, 6^5, 2\})$	396288
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 4, 3, 2^3\})$	884736
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 4^3, 3\})$	3538944
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6, 4, 3^2\})$	3244032
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6^2, 4, 2\})$	1474560
24	$\mathcal{O}(1; \{24^2, 12, 8^4, 3, 2\})$	7077888
24	$\mathcal{O}(1; \{24^2, 12^2, 4, 2^6\})$	110592
24	$\mathcal{O}(1; \{24^2, 12^2, 4, 3^3, 2^2\})$	774144
24	$\mathcal{O}(1; \{24^2, 12^2, 4^3, 2^3\})$	442368
24	$\mathcal{O}(1; \{24^2, 12^2, 4^5\})$	1769472
24	$\mathcal{O}(1; \{24^2, 12^2, 6, 4, 3, 2^3\})$	405504
24	$\mathcal{O}(1; \{24^2, 12^2, 6, 4^3, 3\})$	1622016
24	$\mathcal{O}(1; \{24^2, 12^2, 6^2, 4, 3^2\})$	1585152
24	$\mathcal{O}(1; \{24^2, 12^2, 6^3, 4, 2\})$	774144
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 2^4\})$	884736
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 3^3\})$	6193152
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 4^2, 2\})$	3538944
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 6, 3, 2\})$	3244032
24	$\mathcal{O}(1; \{24^2, 12^3, 3^2, 2^3\})$	774144
24	$\mathcal{O}(1; \{24^2, 12^3, 4^2, 3^2\})$	3096576

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^2, 12^3, 6, 2^4\})$	405504
24	$\mathcal{O}(1; \{24^2, 12^3, 6, 3^3\})$	3133440
24	$\mathcal{O}(1; \{24^2, 12^3, 6, 4^2, 2\})$	1622016
24	$\mathcal{O}(1; \{24^2, 12^3, 6^2, 3, 2\})$	1585152
24	$\mathcal{O}(1; \{24^2, 12^4, 4, 3, 2\})$	3096576
24	$\mathcal{O}(1; \{24^2, 12^5, 2^2\})$	3096576
24	$\mathcal{O}(1; \{24^3, 8, 4, 2^6\})$	147456
24	$\mathcal{O}(1; \{24^3, 8, 4, 3^3, 2^2\})$	1622016
24	$\mathcal{O}(1; \{24^3, 8, 4^3, 2^3\})$	589824
24	$\mathcal{O}(1; \{24^3, 8, 4^5\})$	2359296
24	$\mathcal{O}(1; \{24^3, 8, 6, 4, 3, 2^3\})$	737280
24	$\mathcal{O}(1; \{24^3, 8, 6, 4^3, 3\})$	2949120
24	$\mathcal{O}(1; \{24^3, 8, 6^2, 4, 3^2\})$	3096576
24	$\mathcal{O}(1; \{24^3, 8, 6^3, 4, 2\})$	1622016
24	$\mathcal{O}(1; \{24^3, 8^3, 2^4\})$	1179648
24	$\mathcal{O}(1; \{24^3, 8^3, 3^3\})$	12976128
24	$\mathcal{O}(1; \{24^3, 8^3, 4^2, 2\})$	4718592
24	$\mathcal{O}(1; \{24^3, 8^3, 6, 3, 2\})$	5898240
24	$\mathcal{O}(1; \{24^3, 12, 8, 3^2, 2^3\})$	1622016
24	$\mathcal{O}(1; \{24^3, 12, 8, 4^2, 3^2\})$	6488064
24	$\mathcal{O}(1; \{24^3, 12, 8, 6, 2^4\})$	737280
24	$\mathcal{O}(1; \{24^3, 12, 8, 6, 3^3\})$	6340608
24	$\mathcal{O}(1; \{24^3, 12, 8, 6, 4^2, 2\})$	2949120
24	$\mathcal{O}(1; \{24^3, 12, 8, 6^2, 3, 2\})$	3096576
24	$\mathcal{O}(1; \{24^3, 12^2, 8, 4, 3, 2\})$	6488064
24	$\mathcal{O}(1; \{24^3, 12^3, 8, 2^2\})$	6488064
24	$\mathcal{O}(1; \{24^4, 3, 2^6\})$	368640
24	$\mathcal{O}(1; \{24^4, 3^4, 2^2\})$	3170304
24	$\mathcal{O}(1; \{24^4, 4^2, 3, 2^3\})$	1474560
24	$\mathcal{O}(1; \{24^4, 4^4, 3\})$	5898240
24	$\mathcal{O}(1; \{24^4, 6, 3^2, 2^3\})$	1548288
24	$\mathcal{O}(1; \{24^4, 6, 4^2, 3^2\})$	6193152
24	$\mathcal{O}(1; \{24^4, 6^2, 2^4\})$	811008
24	$\mathcal{O}(1; \{24^4, 6^2, 3^3\})$	6266880
24	$\mathcal{O}(1; \{24^4, 6^2, 4^2, 2\})$	3244032
24	$\mathcal{O}(1; \{24^4, 6^3, 3, 2\})$	3170304
24	$\mathcal{O}(1; \{24^4, 8^2, 4, 3, 2\})$	11796480
24	$\mathcal{O}(1; \{24^4, 12, 4, 2^4\})$	1474560
24	$\mathcal{O}(1; \{24^4, 12, 4, 3^3\})$	12681216
24	$\mathcal{O}(1; \{24^4, 12, 4^3, 2\})$	5898240
24	$\mathcal{O}(1; \{24^4, 12, 6, 4, 3, 2\})$	6193152
24	$\mathcal{O}(1; \{24^4, 12, 8^2, 2^2\})$	11796480
24	$\mathcal{O}(1; \{24^4, 12^2, 3^2, 2\})$	12681216

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^4, 12^2, 6, 2^2\})$	6193152
24	$\mathcal{O}(1; \{24^4, 12^4\})$	50724864
24	$\mathcal{O}(1; \{24^5, 8, 3^2, 2\})$	24772608
24	$\mathcal{O}(1; \{24^5, 8, 6, 2^2\})$	12976128
24	$\mathcal{O}(1; \{24^5, 12^2, 8\})$	99090432
24	$\mathcal{O}(1; \{24^6, 4, 2^2\})$	25952256
24	$\mathcal{O}(1; \{24^6, 8^2\})$	207618048
24	$\mathcal{O}(1; \{24^6, 12, 6\})$	101449728
24	$\mathcal{O}(0; \{8^2, 4, 3^3, 2^{10}\})$	16
24	$\mathcal{O}(0; \{8^2, 4, 3^6, 2^6\})$	176
24	$\mathcal{O}(0; \{8^2, 4, 3^9, 2^2\})$	1360
24	$\mathcal{O}(0; \{8^2, 4^3, 3^3, 2^7\})$	64
24	$\mathcal{O}(0; \{8^2, 4^3, 3^6, 2^3\})$	704
24	$\mathcal{O}(0; \{8^2, 4^5, 3^3, 2^4\})$	256
24	$\mathcal{O}(0; \{8^2, 4^5, 3^6\})$	2816
24	$\mathcal{O}(0; \{8^2, 4^7, 3^3, 2\})$	1024
24	$\mathcal{O}(0; \{8^2, 6, 4, 3, 2^{11}\})$	16
24	$\mathcal{O}(0; \{8^2, 6, 4, 3^4, 2^7\})$	80
24	$\mathcal{O}(0; \{8^2, 6, 4, 3^7, 2^3\})$	688
24	$\mathcal{O}(0; \{8^2, 6, 4^3, 3, 2^8\})$	64
24	$\mathcal{O}(0; \{8^2, 6, 4^3, 3^4, 2^4\})$	320
24	$\mathcal{O}(0; \{8^2, 6, 4^3, 3^7\})$	2752
24	$\mathcal{O}(0; \{8^2, 6, 4^5, 3, 2^5\})$	256
24	$\mathcal{O}(0; \{8^2, 6, 4^5, 3^4, 2\})$	1280
24	$\mathcal{O}(0; \{8^2, 6, 4^7, 3, 2^2\})$	1024
24	$\mathcal{O}(0; \{8^2, 6^2, 4, 3^2, 2^8\})$	48
24	$\mathcal{O}(0; \{8^2, 6^2, 4, 3^5, 2^4\})$	336
24	$\mathcal{O}(0; \{8^2, 6^2, 4, 3^8\})$	2736
24	$\mathcal{O}(0; \{8^2, 6^2, 4^3, 3^2, 2^5\})$	192
24	$\mathcal{O}(0; \{8^2, 6^2, 4^3, 3^5, 2\})$	1344
24	$\mathcal{O}(0; \{8^2, 6^2, 4^5, 3^2, 2^2\})$	768
24	$\mathcal{O}(0; \{8^2, 6^3, 4, 2^9\})$	16
24	$\mathcal{O}(0; \{8^2, 6^3, 4, 3^3, 2^5\})$	176
24	$\mathcal{O}(0; \{8^2, 6^3, 4, 3^6, 2\})$	1360
24	$\mathcal{O}(0; \{8^2, 6^3, 4^3, 2^6\})$	64
24	$\mathcal{O}(0; \{8^2, 6^3, 4^3, 3^3, 2^2\})$	704
24	$\mathcal{O}(0; \{8^2, 6^3, 4^5, 2^3\})$	256
24	$\mathcal{O}(0; \{8^2, 6^3, 4^7\})$	1024
24	$\mathcal{O}(0; \{8^2, 6^4, 4, 3, 2^6\})$	80
24	$\mathcal{O}(0; \{8^2, 6^4, 4, 3^4, 2^2\})$	688
24	$\mathcal{O}(0; \{8^2, 6^4, 4^3, 3, 2^3\})$	320
24	$\mathcal{O}(0; \{8^2, 6^4, 4^5, 3\})$	1280
24	$\mathcal{O}(0; \{8^2, 6^5, 4, 3^2, 2^3\})$	336

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{8^2, 6^5, 4^3, 3^2\})$	1344
24	$\mathcal{O}(0; \{8^2, 6^6, 4, 2^4\})$	176
24	$\mathcal{O}(0; \{8^2, 6^6, 4, 3^3\})$	1360
24	$\mathcal{O}(0; \{8^2, 6^6, 4^3, 2\})$	704
24	$\mathcal{O}(0; \{8^2, 6^7, 4, 3, 2\})$	688
24	$\mathcal{O}(0; \{8^4, 3^3, 2^8\})$	128
24	$\mathcal{O}(0; \{8^4, 3^6, 2^4\})$	1408
24	$\mathcal{O}(0; \{8^4, 3^9\})$	10880
24	$\mathcal{O}(0; \{8^4, 4^2, 3^3, 2^5\})$	512
24	$\mathcal{O}(0; \{8^4, 4^2, 3^6, 2\})$	5632
24	$\mathcal{O}(0; \{8^4, 4^4, 3^3, 2^2\})$	2048
24	$\mathcal{O}(0; \{8^4, 6, 3, 2^9\})$	128
24	$\mathcal{O}(0; \{8^4, 6, 3^4, 2^5\})$	640
24	$\mathcal{O}(0; \{8^4, 6, 3^7, 2\})$	5504
24	$\mathcal{O}(0; \{8^4, 6, 4^2, 3, 2^6\})$	512
24	$\mathcal{O}(0; \{8^4, 6, 4^2, 3^4, 2^2\})$	2560
24	$\mathcal{O}(0; \{8^4, 6, 4^4, 3, 2^3\})$	2048
24	$\mathcal{O}(0; \{8^4, 6, 4^6, 3\})$	8192
24	$\mathcal{O}(0; \{8^4, 6^2, 3^2, 2^6\})$	384
24	$\mathcal{O}(0; \{8^4, 6^2, 3^5, 2^2\})$	2688
24	$\mathcal{O}(0; \{8^4, 6^2, 4^2, 3^2, 2^3\})$	1536
24	$\mathcal{O}(0; \{8^4, 6^2, 4^4, 3^2\})$	6144
24	$\mathcal{O}(0; \{8^4, 6^3, 2^7\})$	128
24	$\mathcal{O}(0; \{8^4, 6^3, 3^3, 2^3\})$	1408
24	$\mathcal{O}(0; \{8^4, 6^3, 4^2, 2^4\})$	512
24	$\mathcal{O}(0; \{8^4, 6^3, 4^2, 3^3\})$	5632
24	$\mathcal{O}(0; \{8^4, 6^3, 4^4, 2\})$	2048
24	$\mathcal{O}(0; \{8^4, 6^4, 3, 2^4\})$	640
24	$\mathcal{O}(0; \{8^4, 6^4, 3^4\})$	5504
24	$\mathcal{O}(0; \{8^4, 6^4, 4^2, 3, 2\})$	2560
24	$\mathcal{O}(0; \{8^4, 6^5, 3^2, 2\})$	2688
24	$\mathcal{O}(0; \{8^4, 6^6, 2^2\})$	1408
24	$\mathcal{O}(0; \{8^6, 4, 3^3, 2^3\})$	4096
24	$\mathcal{O}(0; \{8^6, 4^3, 3^3\})$	16384
24	$\mathcal{O}(0; \{8^6, 6, 4, 3, 2^4\})$	4096
24	$\mathcal{O}(0; \{8^6, 6, 4, 3^4\})$	20480
24	$\mathcal{O}(0; \{8^6, 6, 4^3, 3, 2\})$	16384
24	$\mathcal{O}(0; \{8^6, 6^2, 4, 3^2, 2\})$	12288
24	$\mathcal{O}(0; \{8^6, 6^3, 4, 2^2\})$	4096
24	$\mathcal{O}(0; \{8^8, 3^3, 2\})$	32768
24	$\mathcal{O}(0; \{8^8, 6, 3, 2^2\})$	32768
24	$\mathcal{O}(0; \{8^8, 6^3\})$	32768
24	$\mathcal{O}(0; \{12, 8^2, 3^2, 2^{11}\})$	16

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12, 8^2, 3^5, 2^7\})$	176
24	$\mathcal{O}(0; \{12, 8^2, 3^8, 2^3\})$	1360
24	$\mathcal{O}(0; \{12, 8^2, 4^2, 3^2, 2^8\})$	64
24	$\mathcal{O}(0; \{12, 8^2, 4^2, 3^5, 2^4\})$	704
24	$\mathcal{O}(0; \{12, 8^2, 4^2, 3^8\})$	5440
24	$\mathcal{O}(0; \{12, 8^2, 4^4, 3^2, 2^5\})$	256
24	$\mathcal{O}(0; \{12, 8^2, 4^4, 3^5, 2\})$	2816
24	$\mathcal{O}(0; \{12, 8^2, 4^6, 3^2, 2^2\})$	1024
24	$\mathcal{O}(0; \{12, 8^2, 6, 2^{12}\})$	16
24	$\mathcal{O}(0; \{12, 8^2, 6, 3^3, 2^8\})$	80
24	$\mathcal{O}(0; \{12, 8^2, 6, 3^6, 2^4\})$	688
24	$\mathcal{O}(0; \{12, 8^2, 6, 3^9\})$	5456
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^2, 2^9\})$	64
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^2, 3^3, 2^5\})$	320
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^2, 3^6, 2\})$	2752
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^4, 2^6\})$	256
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^4, 3^3, 2^2\})$	1280
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^6, 2^3\})$	1024
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^8\})$	4096
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 3, 2^9\})$	48
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 3^4, 2^5\})$	336
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 3^7, 2\})$	2736
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^2, 3, 2^6\})$	192
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^2, 3^4, 2^2\})$	1344
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^4, 3, 2^3\})$	768
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^6, 3\})$	3072
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 3^2, 2^6\})$	176
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 3^5, 2^2\})$	1360
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4^2, 3^2, 2^3\})$	704
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4^4, 3^2\})$	2816
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 2^7\})$	80
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 3^3, 2^3\})$	688
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 4^2, 2^4\})$	320
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 4^2, 3^3\})$	2752
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 4^4, 2\})$	1280
24	$\mathcal{O}(0; \{12, 8^2, 6^5, 3, 2^4\})$	336
24	$\mathcal{O}(0; \{12, 8^2, 6^5, 3^4\})$	2736
24	$\mathcal{O}(0; \{12, 8^2, 6^5, 4^2, 3, 2\})$	1344
24	$\mathcal{O}(0; \{12, 8^2, 6^6, 3^2, 2\})$	1360
24	$\mathcal{O}(0; \{12, 8^2, 6^7, 2^2\})$	688
24	$\mathcal{O}(0; \{12, 8^4, 4, 3^2, 2^6\})$	512
24	$\mathcal{O}(0; \{12, 8^4, 4, 3^5, 2^2\})$	5632
24	$\mathcal{O}(0; \{12, 8^4, 4^3, 3^2, 2^3\})$	2048

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12, 8^4, 4^5, 3^2\})$	8192
24	$\mathcal{O}(0; \{12, 8^4, 6, 4, 2^7\})$	512
24	$\mathcal{O}(0; \{12, 8^4, 6, 4, 3^3, 2^3\})$	2560
24	$\mathcal{O}(0; \{12, 8^4, 6, 4^3, 2^4\})$	2048
24	$\mathcal{O}(0; \{12, 8^4, 6, 4^3, 3^3\})$	10240
24	$\mathcal{O}(0; \{12, 8^4, 6, 4^5, 2\})$	8192
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 4, 3, 2^4\})$	1536
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 4, 3^4\})$	10752
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 4^3, 3, 2\})$	6144
24	$\mathcal{O}(0; \{12, 8^4, 6^3, 4, 3^2, 2\})$	5632
24	$\mathcal{O}(0; \{12, 8^4, 6^4, 4, 2^2\})$	2560
24	$\mathcal{O}(0; \{12, 8^6, 3^2, 2^4\})$	4096
24	$\mathcal{O}(0; \{12, 8^6, 3^5\})$	45056
24	$\mathcal{O}(0; \{12, 8^6, 4^2, 3^2, 2\})$	16384
24	$\mathcal{O}(0; \{12, 8^6, 6, 2^5\})$	4096
24	$\mathcal{O}(0; \{12, 8^6, 6, 3^3, 2\})$	20480
24	$\mathcal{O}(0; \{12, 8^6, 6, 4^2, 2^2\})$	16384
24	$\mathcal{O}(0; \{12, 8^6, 6^2, 3, 2^2\})$	12288
24	$\mathcal{O}(0; \{12, 8^6, 6^4\})$	20480
24	$\mathcal{O}(0; \{12, 8^8, 6, 4\})$	131072
24	$\mathcal{O}(0; \{12^2, 8^2, 4, 3, 2^9\})$	64
24	$\mathcal{O}(0; \{12^2, 8^2, 4, 3^4, 2^5\})$	704
24	$\mathcal{O}(0; \{12^2, 8^2, 4, 3^7, 2\})$	5440
24	$\mathcal{O}(0; \{12^2, 8^2, 4^3, 3, 2^6\})$	256
24	$\mathcal{O}(0; \{12^2, 8^2, 4^3, 3^4, 2^2\})$	2816
24	$\mathcal{O}(0; \{12^2, 8^2, 4^5, 3, 2^3\})$	1024
24	$\mathcal{O}(0; \{12^2, 8^2, 4^7, 3\})$	4096
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4, 3^2, 2^6\})$	320
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4, 3^5, 2^2\})$	2752
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^3, 3^2, 2^3\})$	1280
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^5, 3^2\})$	5120
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4, 2^7\})$	192
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4, 3^3, 2^3\})$	1344
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4^3, 2^4\})$	768
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4^3, 3^3\})$	5376
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4^5, 2\})$	3072
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 4, 3, 2^4\})$	704
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 4, 3^4\})$	5440
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 4^3, 3, 2\})$	2816
24	$\mathcal{O}(0; \{12^2, 8^2, 6^4, 4, 3^2, 2\})$	2752
24	$\mathcal{O}(0; \{12^2, 8^2, 6^5, 4, 2^2\})$	1344
24	$\mathcal{O}(0; \{12^2, 8^4, 3, 2^7\})$	512
24	$\mathcal{O}(0; \{12^2, 8^4, 3^4, 2^3\})$	5632

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12^2, 8^4, 4^2, 3, 2^4\})$	2048
24	$\mathcal{O}(0; \{12^2, 8^4, 4^2, 3^4\})$	22528
24	$\mathcal{O}(0; \{12^2, 8^4, 4^4, 3, 2\})$	8192
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 3^2, 2^4\})$	2560
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 3^5\})$	22016
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 4^2, 3^2, 2\})$	10240
24	$\mathcal{O}(0; \{12^2, 8^4, 6^2, 2^5\})$	1536
24	$\mathcal{O}(0; \{12^2, 8^4, 6^2, 3^3, 2\})$	10752
24	$\mathcal{O}(0; \{12^2, 8^4, 6^2, 4^2, 2^2\})$	6144
24	$\mathcal{O}(0; \{12^2, 8^4, 6^3, 3, 2^2\})$	5632
24	$\mathcal{O}(0; \{12^2, 8^4, 6^5\})$	10752
24	$\mathcal{O}(0; \{12^2, 8^6, 4, 3, 2^2\})$	16384
24	$\mathcal{O}(0; \{12^2, 8^6, 6^2, 4\})$	49152
24	$\mathcal{O}(0; \{12^2, 8^8, 3\})$	131072
24	$\mathcal{O}(0; \{12^3, 8^2, 2^{10}\})$	64
24	$\mathcal{O}(0; \{12^3, 8^2, 3^3, 2^6\})$	704
24	$\mathcal{O}(0; \{12^3, 8^2, 3^6, 2^2\})$	5440
24	$\mathcal{O}(0; \{12^3, 8^2, 4^2, 2^7\})$	256
24	$\mathcal{O}(0; \{12^3, 8^2, 4^2, 3^3, 2^3\})$	2816
24	$\mathcal{O}(0; \{12^3, 8^2, 4^4, 2^4\})$	1024
24	$\mathcal{O}(0; \{12^3, 8^2, 4^4, 3^3\})$	11264
24	$\mathcal{O}(0; \{12^3, 8^2, 4^6, 2\})$	4096
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 3, 2^7\})$	320
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 3^4, 2^3\})$	2752
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4^2, 3, 2^4\})$	1280
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4^2, 3^4\})$	11008
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4^4, 3, 2\})$	5120
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 3^2, 2^4\})$	1344
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 3^5\})$	10944
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 4^2, 3^2, 2\})$	5376
24	$\mathcal{O}(0; \{12^3, 8^2, 6^3, 2^5\})$	704
24	$\mathcal{O}(0; \{12^3, 8^2, 6^3, 3^3, 2\})$	5440
24	$\mathcal{O}(0; \{12^3, 8^2, 6^3, 4^2, 2^2\})$	2816
24	$\mathcal{O}(0; \{12^3, 8^2, 6^4, 3, 2^2\})$	2752
24	$\mathcal{O}(0; \{12^3, 8^2, 6^6\})$	5440
24	$\mathcal{O}(0; \{12^3, 8^4, 4, 2^5\})$	2048
24	$\mathcal{O}(0; \{12^3, 8^4, 4, 3^3, 2\})$	22528
24	$\mathcal{O}(0; \{12^3, 8^4, 4^3, 2^2\})$	8192
24	$\mathcal{O}(0; \{12^3, 8^4, 6, 4, 3, 2^2\})$	10240
24	$\mathcal{O}(0; \{12^3, 8^4, 6^3, 4\})$	22528
24	$\mathcal{O}(0; \{12^3, 8^6, 2^3\})$	16384
24	$\mathcal{O}(0; \{12^3, 8^6, 4^2\})$	65536
24	$\mathcal{O}(0; \{12^3, 8^6, 6, 3\})$	81920

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12^4, 8^2, 4, 3^2, 2^4\})$	2816
24	$\mathcal{O}(0; \{12^4, 8^2, 4, 3^5\})$	21760
24	$\mathcal{O}(0; \{12^4, 8^2, 4^3, 3^2, 2\})$	11264
24	$\mathcal{O}(0; \{12^4, 8^2, 6, 4, 2^5\})$	1280
24	$\mathcal{O}(0; \{12^4, 8^2, 6, 4, 3^3, 2\})$	11008
24	$\mathcal{O}(0; \{12^4, 8^2, 6, 4^3, 2^2\})$	5120
24	$\mathcal{O}(0; \{12^4, 8^2, 6^2, 4, 3, 2^2\})$	5376
24	$\mathcal{O}(0; \{12^4, 8^2, 6^4, 4\})$	11008
24	$\mathcal{O}(0; \{12^4, 8^4, 3^2, 2^2\})$	22528
24	$\mathcal{O}(0; \{12^4, 8^4, 6, 2^3\})$	10240
24	$\mathcal{O}(0; \{12^4, 8^4, 6, 4^2\})$	40960
24	$\mathcal{O}(0; \{12^4, 8^4, 6^2, 3\})$	43008
24	$\mathcal{O}(0; \{12^5, 8^2, 3, 2^5\})$	2816
24	$\mathcal{O}(0; \{12^5, 8^2, 3^4, 2\})$	21760
24	$\mathcal{O}(0; \{12^5, 8^2, 4^2, 3, 2^2\})$	11264
24	$\mathcal{O}(0; \{12^5, 8^2, 6, 3^2, 2^2\})$	11008
24	$\mathcal{O}(0; \{12^5, 8^2, 6^2, 2^3\})$	5376
24	$\mathcal{O}(0; \{12^5, 8^2, 6^2, 4^2\})$	21504
24	$\mathcal{O}(0; \{12^5, 8^2, 6^3, 3\})$	21760
24	$\mathcal{O}(0; \{12^5, 8^4, 4, 3\})$	90112
24	$\mathcal{O}(0; \{12^6, 8^2, 4, 2^3\})$	11264
24	$\mathcal{O}(0; \{12^6, 8^2, 4^3\})$	45056
24	$\mathcal{O}(0; \{12^6, 8^2, 6, 4, 3\})$	44032
24	$\mathcal{O}(0; \{12^6, 8^4, 2\})$	90112
24	$\mathcal{O}(0; \{12^7, 8^2, 3^2\})$	87040
24	$\mathcal{O}(0; \{12^7, 8^2, 6, 2\})$	44032
24	$\mathcal{O}(0; \{24, 8, 3, 2^{14}\})$	8
24	$\mathcal{O}(0; \{24, 8, 3^4, 2^{10}\})$	40
24	$\mathcal{O}(0; \{24, 8, 3^7, 2^6\})$	344
24	$\mathcal{O}(0; \{24, 8, 3^{10}, 2^2\})$	2728
24	$\mathcal{O}(0; \{24, 8, 4^2, 3, 2^{11}\})$	32
24	$\mathcal{O}(0; \{24, 8, 4^2, 3^4, 2^7\})$	160
24	$\mathcal{O}(0; \{24, 8, 4^2, 3^7, 2^3\})$	1376
24	$\mathcal{O}(0; \{24, 8, 4^4, 3, 2^8\})$	128
24	$\mathcal{O}(0; \{24, 8, 4^4, 3^4, 2^4\})$	640
24	$\mathcal{O}(0; \{24, 8, 4^4, 3^7\})$	5504
24	$\mathcal{O}(0; \{24, 8, 4^6, 3, 2^5\})$	512
24	$\mathcal{O}(0; \{24, 8, 4^6, 3^4, 2\})$	2560
24	$\mathcal{O}(0; \{24, 8, 4^8, 3, 2^2\})$	2048
24	$\mathcal{O}(0; \{24, 8, 6, 3^2, 2^{11}\})$	24
24	$\mathcal{O}(0; \{24, 8, 6, 3^5, 2^7\})$	168
24	$\mathcal{O}(0; \{24, 8, 6, 3^8, 2^3\})$	1368
24	$\mathcal{O}(0; \{24, 8, 6, 4^2, 3^2, 2^8\})$	96

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 8, 6, 4^2, 3^5, 2^4\})$	672
24	$\mathcal{O}(0; \{24, 8, 6, 4^2, 3^8\})$	5472
24	$\mathcal{O}(0; \{24, 8, 6, 4^4, 3^2, 2^5\})$	384
24	$\mathcal{O}(0; \{24, 8, 6, 4^4, 3^5, 2\})$	2688
24	$\mathcal{O}(0; \{24, 8, 6, 4^6, 3^2, 2^2\})$	1536
24	$\mathcal{O}(0; \{24, 8, 6^2, 2^{12}\})$	8
24	$\mathcal{O}(0; \{24, 8, 6^2, 3^3, 2^8\})$	88
24	$\mathcal{O}(0; \{24, 8, 6^2, 3^6, 2^4\})$	680
24	$\mathcal{O}(0; \{24, 8, 6^2, 3^9\})$	5464
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^2, 2^9\})$	32
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^2, 3^3, 2^5\})$	352
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^2, 3^6, 2\})$	2720
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^4, 2^6\})$	128
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^4, 3^3, 2^2\})$	1408
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^6, 2^3\})$	512
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^8\})$	2048
24	$\mathcal{O}(0; \{24, 8, 6^3, 3, 2^9\})$	40
24	$\mathcal{O}(0; \{24, 8, 6^3, 3^4, 2^5\})$	344
24	$\mathcal{O}(0; \{24, 8, 6^3, 3^7, 2\})$	2728
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^2, 3, 2^6\})$	160
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^2, 3^4, 2^2\})$	1376
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^4, 3, 2^3\})$	640
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^6, 3\})$	2560
24	$\mathcal{O}(0; \{24, 8, 6^4, 3^2, 2^6\})$	168
24	$\mathcal{O}(0; \{24, 8, 6^4, 3^5, 2^2\})$	1368
24	$\mathcal{O}(0; \{24, 8, 6^4, 4^2, 3^2, 2^3\})$	672
24	$\mathcal{O}(0; \{24, 8, 6^4, 4^4, 3^2\})$	2688
24	$\mathcal{O}(0; \{24, 8, 6^5, 2^7\})$	88
24	$\mathcal{O}(0; \{24, 8, 6^5, 3^3, 2^3\})$	680
24	$\mathcal{O}(0; \{24, 8, 6^5, 4^2, 2^4\})$	352
24	$\mathcal{O}(0; \{24, 8, 6^5, 4^2, 3^3\})$	2720
24	$\mathcal{O}(0; \{24, 8, 6^5, 4^4, 2\})$	1408
24	$\mathcal{O}(0; \{24, 8, 6^6, 3, 2^4\})$	344
24	$\mathcal{O}(0; \{24, 8, 6^6, 3^4\})$	2728
24	$\mathcal{O}(0; \{24, 8, 6^6, 4^2, 3, 2\})$	1376
24	$\mathcal{O}(0; \{24, 8, 6^7, 3^2, 2\})$	1368
24	$\mathcal{O}(0; \{24, 8, 6^8, 2^2\})$	680
24	$\mathcal{O}(0; \{24, 8^3, 4, 3, 2^9\})$	256
24	$\mathcal{O}(0; \{24, 8^3, 4, 3^4, 2^5\})$	1280
24	$\mathcal{O}(0; \{24, 8^3, 4, 3^7, 2\})$	11008
24	$\mathcal{O}(0; \{24, 8^3, 4^3, 3, 2^6\})$	1024
24	$\mathcal{O}(0; \{24, 8^3, 4^3, 3^4, 2^2\})$	5120
24	$\mathcal{O}(0; \{24, 8^3, 4^5, 3, 2^3\})$	4096

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 8^3, 4^7, 3\})$	16384
24	$\mathcal{O}(0; \{24, 8^3, 6, 4, 3^2, 2^6\})$	768
24	$\mathcal{O}(0; \{24, 8^3, 6, 4, 3^5, 2^2\})$	5376
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^3, 3^2, 2^3\})$	3072
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^5, 3^2\})$	12288
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4, 2^7\})$	256
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4, 3^3, 2^3\})$	2816
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4^3, 2^4\})$	1024
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4^3, 3^3\})$	11264
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4^5, 2\})$	4096
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 4, 3, 2^4\})$	1280
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 4, 3^4\})$	11008
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 4^3, 3, 2\})$	5120
24	$\mathcal{O}(0; \{24, 8^3, 6^4, 4, 3^2, 2\})$	5376
24	$\mathcal{O}(0; \{24, 8^3, 6^5, 4, 2^2\})$	2816
24	$\mathcal{O}(0; \{24, 8^5, 3, 2^7\})$	2048
24	$\mathcal{O}(0; \{24, 8^5, 3^4, 2^3\})$	10240
24	$\mathcal{O}(0; \{24, 8^5, 4^2, 3, 2^4\})$	8192
24	$\mathcal{O}(0; \{24, 8^5, 4^2, 3^4\})$	40960
24	$\mathcal{O}(0; \{24, 8^5, 4^4, 3, 2\})$	32768
24	$\mathcal{O}(0; \{24, 8^5, 6, 3^2, 2^4\})$	6144
24	$\mathcal{O}(0; \{24, 8^5, 6, 3^5\})$	43008
24	$\mathcal{O}(0; \{24, 8^5, 6, 4^2, 3^2, 2\})$	24576
24	$\mathcal{O}(0; \{24, 8^5, 6^2, 2^5\})$	2048
24	$\mathcal{O}(0; \{24, 8^5, 6^2, 3^3, 2\})$	22528
24	$\mathcal{O}(0; \{24, 8^5, 6^2, 4^2, 2^2\})$	8192
24	$\mathcal{O}(0; \{24, 8^5, 6^3, 3, 2^2\})$	10240
24	$\mathcal{O}(0; \{24, 8^5, 6^5\})$	22528
24	$\mathcal{O}(0; \{24, 8^7, 4, 3, 2^2\})$	65536
24	$\mathcal{O}(0; \{24, 8^7, 6^2, 4\})$	65536
24	$\mathcal{O}(0; \{24, 8^9, 3\})$	524288
24	$\mathcal{O}(0; \{24, 12, 8, 4, 2^{12}\})$	32
24	$\mathcal{O}(0; \{24, 12, 8, 4, 3^3, 2^8\})$	160
24	$\mathcal{O}(0; \{24, 12, 8, 4, 3^6, 2^4\})$	1376
24	$\mathcal{O}(0; \{24, 12, 8, 4, 3^9\})$	10912
24	$\mathcal{O}(0; \{24, 12, 8, 4^3, 2^9\})$	128
24	$\mathcal{O}(0; \{24, 12, 8, 4^3, 3^3, 2^5\})$	640
24	$\mathcal{O}(0; \{24, 12, 8, 4^3, 3^6, 2\})$	5504
24	$\mathcal{O}(0; \{24, 12, 8, 4^5, 2^6\})$	512
24	$\mathcal{O}(0; \{24, 12, 8, 4^5, 3^3, 2^2\})$	2560
24	$\mathcal{O}(0; \{24, 12, 8, 4^7, 2^3\})$	2048
24	$\mathcal{O}(0; \{24, 12, 8, 4^9\})$	8192
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4, 3, 2^9\})$	96

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4, 3^4, 2^5\})$	672
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4, 3^7, 2\})$	5472
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^3, 3, 2^6\})$	384
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^3, 3^4, 2^2\})$	2688
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^5, 3, 2^3\})$	1536
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^7, 3\})$	6144
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4, 3^2, 2^6\})$	352
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4, 3^5, 2^2\})$	2720
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^3, 3^2, 2^3\})$	1408
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^5, 3^2\})$	5632
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4, 2^7\})$	160
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4, 3^3, 2^3\})$	1376
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4^3, 2^4\})$	640
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4^3, 3^3\})$	5504
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4^5, 2\})$	2560
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 4, 3, 2^4\})$	672
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 4, 3^4\})$	5472
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 4^3, 3, 2\})$	2688
24	$\mathcal{O}(0; \{24, 12, 8, 6^5, 4, 3^2, 2\})$	2720
24	$\mathcal{O}(0; \{24, 12, 8, 6^6, 4, 2^2\})$	1376
24	$\mathcal{O}(0; \{24, 12, 8^3, 2^{10}\})$	256
24	$\mathcal{O}(0; \{24, 12, 8^3, 3^3, 2^6\})$	1280
24	$\mathcal{O}(0; \{24, 12, 8^3, 3^6, 2^2\})$	11008
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^2, 2^7\})$	1024
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^2, 3^3, 2^3\})$	5120
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^4, 2^4\})$	4096
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^4, 3^3\})$	20480
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^6, 2\})$	16384
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 3, 2^7\})$	768
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 3^4, 2^3\})$	5376
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4^2, 3, 2^4\})$	3072
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4^2, 3^4\})$	21504
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4^4, 3, 2\})$	12288
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 3^2, 2^4\})$	2816
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 3^5\})$	21760
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 4^2, 3^2, 2\})$	11264
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^3, 2^5\})$	1280
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^3, 3^3, 2\})$	11008
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^3, 4^2, 2^2\})$	5120
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^4, 3, 2^2\})$	5376
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^6\})$	11008
24	$\mathcal{O}(0; \{24, 12, 8^5, 4, 2^5\})$	8192
24	$\mathcal{O}(0; \{24, 12, 8^5, 4, 3^3, 2\})$	40960

Continued on next page

Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12, 8^5, 4^3, 2^2\})$	32768
24	$\mathcal{O}(0; \{24, 12, 8^5, 6, 4, 3, 2^2\})$	24576
24	$\mathcal{O}(0; \{24, 12, 8^5, 6^3, 4\})$	40960
24	$\mathcal{O}(0; \{24, 12, 8^7, 2^3\})$	65536
24	$\mathcal{O}(0; \{24, 12, 8^7, 4^2\})$	262144
24	$\mathcal{O}(0; \{24, 12, 8^7, 6, 3\})$	196608
24	$\mathcal{O}(0; \{24, 12^2, 8, 3^2, 2^9\})$	160
24	$\mathcal{O}(0; \{24, 12^2, 8, 3^5, 2^5\})$	1376
24	$\mathcal{O}(0; \{24, 12^2, 8, 3^8, 2\})$	10912
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^2, 3^2, 2^6\})$	640
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^2, 3^5, 2^2\})$	5504
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^4, 3^2, 2^3\})$	2560
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^6, 3^2\})$	10240
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 2^{10}\})$	96
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 3^3, 2^6\})$	672
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 3^6, 2^2\})$	5472
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^2, 2^7\})$	384
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^2, 3^3, 2^3\})$	2688
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^4, 2^4\})$	1536
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^4, 3^3\})$	10752
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^6, 2\})$	6144
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 3, 2^7\})$	352
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 3^4, 2^3\})$	2720
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4^2, 3, 2^4\})$	1408
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4^2, 3^4\})$	10880
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4^4, 3, 2\})$	5632
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 3^2, 2^4\})$	1376
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 3^5\})$	10912
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 4^2, 3^2, 2\})$	5504
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^4, 2^5\})$	672
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^4, 3^3, 2\})$	5472
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^4, 4^2, 2^2\})$	2688
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^5, 3, 2^2\})$	2720
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^7\})$	5472
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4, 3^2, 2^4\})$	5120
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4, 3^5\})$	44032
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4^3, 3^2, 2\})$	20480
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6, 4, 2^5\})$	3072
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6, 4, 3^3, 2\})$	21504
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6, 4^3, 2^2\})$	12288
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^2, 4, 3, 2^2\})$	11264
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^4, 4\})$	21504
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 3^2, 2^2\})$	40960

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 6, 2^3\})$	24576
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 6, 4^2\})$	98304
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 6^2, 3\})$	90112
24	$\mathcal{O}(0; \{24, 12^3, 8, 4, 3, 2^7\})$	640
24	$\mathcal{O}(0; \{24, 12^3, 8, 4, 3^4, 2^3\})$	5504
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^3, 3, 2^4\})$	2560
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^3, 3^4\})$	22016
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^5, 3, 2\})$	10240
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4, 3^2, 2^4\})$	2688
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4, 3^5\})$	21888
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4^3, 3^2, 2\})$	10752
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^2, 4, 2^5\})$	1408
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^2, 4, 3^3, 2\})$	10880
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^2, 4^3, 2^2\})$	5632
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^3, 4, 3, 2^2\})$	5504
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^5, 4\})$	10880
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 3, 2^5\})$	5120
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 3^4, 2\})$	44032
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 4^2, 3, 2^2\})$	20480
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6, 3^2, 2^2\})$	21504
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6^2, 2^3\})$	11264
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6^2, 4^2\})$	45056
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6^3, 3\})$	44032
24	$\mathcal{O}(0; \{24, 12^3, 8^5, 4, 3\})$	163840
24	$\mathcal{O}(0; \{24, 12^4, 8, 2^8\})$	640
24	$\mathcal{O}(0; \{24, 12^4, 8, 3^3, 2^4\})$	5504
24	$\mathcal{O}(0; \{24, 12^4, 8, 3^6\})$	43648
24	$\mathcal{O}(0; \{24, 12^4, 8, 4^2, 2^5\})$	2560
24	$\mathcal{O}(0; \{24, 12^4, 8, 4^2, 3^3, 2\})$	22016
24	$\mathcal{O}(0; \{24, 12^4, 8, 4^4, 2^2\})$	10240
24	$\mathcal{O}(0; \{24, 12^4, 8, 6, 3, 2^5\})$	2688
24	$\mathcal{O}(0; \{24, 12^4, 8, 6, 3^4, 2\})$	21888
24	$\mathcal{O}(0; \{24, 12^4, 8, 6, 4^2, 3, 2^2\})$	10752
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^2, 3^2, 2^2\})$	10880
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^3, 2^3\})$	5504
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^3, 4^2\})$	22016
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^4, 3\})$	21888
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 4, 2^3\})$	20480
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 4^3\})$	81920
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 6, 4, 3\})$	86016
24	$\mathcal{O}(0; \{24, 12^4, 8^5, 2\})$	163840
24	$\mathcal{O}(0; \{24, 12^5, 8, 4, 3^2, 2^2\})$	22016
24	$\mathcal{O}(0; \{24, 12^5, 8, 6, 4, 2^3\})$	10752

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12^5, 8, 6, 4^3\})$	43008
24	$\mathcal{O}(0; \{24, 12^5, 8, 6^2, 4, 3\})$	43520
24	$\mathcal{O}(0; \{24, 12^5, 8^3, 3^2\})$	176128
24	$\mathcal{O}(0; \{24, 12^5, 8^3, 6, 2\})$	86016
24	$\mathcal{O}(0; \{24, 12^6, 8, 3, 2^3\})$	22016
24	$\mathcal{O}(0; \{24, 12^6, 8, 4^2, 3\})$	88064
24	$\mathcal{O}(0; \{24, 12^6, 8, 6, 3^2\})$	87552
24	$\mathcal{O}(0; \{24, 12^6, 8, 6^2, 2\})$	43520
24	$\mathcal{O}(0; \{24, 12^7, 8, 4, 2\})$	88064
24	$\mathcal{O}(0; \{24^2, 4, 3^2, 2^{11}\})$	48
24	$\mathcal{O}(0; \{24^2, 4, 3^5, 2^7\})$	336
24	$\mathcal{O}(0; \{24^2, 4, 3^8, 2^3\})$	2736
24	$\mathcal{O}(0; \{24^2, 4^3, 3^2, 2^8\})$	192
24	$\mathcal{O}(0; \{24^2, 4^3, 3^5, 2^4\})$	1344
24	$\mathcal{O}(0; \{24^2, 4^3, 3^8\})$	10944
24	$\mathcal{O}(0; \{24^2, 4^5, 3^2, 2^5\})$	768
24	$\mathcal{O}(0; \{24^2, 4^5, 3^5, 2\})$	5376
24	$\mathcal{O}(0; \{24^2, 4^7, 3^2, 2^2\})$	3072
24	$\mathcal{O}(0; \{24^2, 6, 4, 2^{12}\})$	16
24	$\mathcal{O}(0; \{24^2, 6, 4, 3^3, 2^8\})$	176
24	$\mathcal{O}(0; \{24^2, 6, 4, 3^6, 2^4\})$	1360
24	$\mathcal{O}(0; \{24^2, 6, 4, 3^9\})$	10928
24	$\mathcal{O}(0; \{24^2, 6, 4^3, 2^9\})$	64
24	$\mathcal{O}(0; \{24^2, 6, 4^3, 3^3, 2^5\})$	704
24	$\mathcal{O}(0; \{24^2, 6, 4^3, 3^6, 2\})$	5440
24	$\mathcal{O}(0; \{24^2, 6, 4^5, 2^6\})$	256
24	$\mathcal{O}(0; \{24^2, 6, 4^5, 3^3, 2^2\})$	2816
24	$\mathcal{O}(0; \{24^2, 6, 4^7, 2^3\})$	1024
24	$\mathcal{O}(0; \{24^2, 6, 4^9\})$	4096
24	$\mathcal{O}(0; \{24^2, 6^2, 4, 3, 2^9\})$	80
24	$\mathcal{O}(0; \{24^2, 6^2, 4, 3^4, 2^5\})$	688
24	$\mathcal{O}(0; \{24^2, 6^2, 4, 3^7, 2\})$	5456
24	$\mathcal{O}(0; \{24^2, 6^2, 4^3, 3, 2^6\})$	320
24	$\mathcal{O}(0; \{24^2, 6^2, 4^3, 3^4, 2^2\})$	2752
24	$\mathcal{O}(0; \{24^2, 6^2, 4^5, 3, 2^3\})$	1280
24	$\mathcal{O}(0; \{24^2, 6^2, 4^7, 3\})$	5120
24	$\mathcal{O}(0; \{24^2, 6^3, 4, 3^2, 2^6\})$	336
24	$\mathcal{O}(0; \{24^2, 6^3, 4, 3^5, 2^2\})$	2736
24	$\mathcal{O}(0; \{24^2, 6^3, 4^3, 3^2, 2^3\})$	1344
24	$\mathcal{O}(0; \{24^2, 6^3, 4^5, 3^2\})$	5376
24	$\mathcal{O}(0; \{24^2, 6^4, 4, 2^7\})$	176
24	$\mathcal{O}(0; \{24^2, 6^4, 4, 3^3, 2^3\})$	1360
24	$\mathcal{O}(0; \{24^2, 6^4, 4^3, 2^4\})$	704

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 6^4, 4^3, 3^3\})$	5440
24	$\mathcal{O}(0; \{24^2, 6^4, 4^5, 2\})$	2816
24	$\mathcal{O}(0; \{24^2, 6^5, 4, 3, 2^4\})$	688
24	$\mathcal{O}(0; \{24^2, 6^5, 4, 3^4\})$	5456
24	$\mathcal{O}(0; \{24^2, 6^5, 4^3, 3, 2\})$	2752
24	$\mathcal{O}(0; \{24^2, 6^6, 4, 3^2, 2\})$	2736
24	$\mathcal{O}(0; \{24^2, 6^7, 4, 2^2\})$	1360
24	$\mathcal{O}(0; \{24^2, 8^2, 3^2, 2^9\})$	384
24	$\mathcal{O}(0; \{24^2, 8^2, 3^5, 2^5\})$	2688
24	$\mathcal{O}(0; \{24^2, 8^2, 3^8, 2\})$	21888
24	$\mathcal{O}(0; \{24^2, 8^2, 4^2, 3^2, 2^6\})$	1536
24	$\mathcal{O}(0; \{24^2, 8^2, 4^2, 3^5, 2^2\})$	10752
24	$\mathcal{O}(0; \{24^2, 8^2, 4^4, 3^2, 2^3\})$	6144
24	$\mathcal{O}(0; \{24^2, 8^2, 4^6, 3^2\})$	24576
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 2^{10}\})$	128
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 3^3, 2^6\})$	1408
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 3^6, 2^2\})$	10880
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^2, 2^7\})$	512
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^2, 3^3, 2^3\})$	5632
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^4, 2^4\})$	2048
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^4, 3^3\})$	22528
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^6, 2\})$	8192
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 3, 2^7\})$	640
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 3^4, 2^3\})$	5504
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4^2, 3, 2^4\})$	2560
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4^2, 3^4\})$	22016
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4^4, 3, 2\})$	10240
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 3^2, 2^4\})$	2688
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 3^5\})$	21888
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 4^2, 3^2, 2\})$	10752
24	$\mathcal{O}(0; \{24^2, 8^2, 6^4, 2^5\})$	1408
24	$\mathcal{O}(0; \{24^2, 8^2, 6^4, 3^3, 2\})$	10880
24	$\mathcal{O}(0; \{24^2, 8^2, 6^4, 4^2, 2^2\})$	5632
24	$\mathcal{O}(0; \{24^2, 8^2, 6^5, 3, 2^2\})$	5504
24	$\mathcal{O}(0; \{24^2, 8^2, 6^7\})$	10880
24	$\mathcal{O}(0; \{24^2, 8^4, 4, 3^2, 2^4\})$	12288
24	$\mathcal{O}(0; \{24^2, 8^4, 4, 3^5\})$	86016
24	$\mathcal{O}(0; \{24^2, 8^4, 4^3, 3^2, 2\})$	49152
24	$\mathcal{O}(0; \{24^2, 8^4, 6, 4, 2^5\})$	4096
24	$\mathcal{O}(0; \{24^2, 8^4, 6, 4, 3^3, 2\})$	45056
24	$\mathcal{O}(0; \{24^2, 8^4, 6, 4^3, 2^2\})$	16384
24	$\mathcal{O}(0; \{24^2, 8^4, 6^2, 4, 3, 2^2\})$	20480
24	$\mathcal{O}(0; \{24^2, 8^4, 6^4, 4\})$	45056

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 8^6, 3^2, 2^2\})$	98304
24	$\mathcal{O}(0; \{24^2, 8^6, 6, 2^3\})$	32768
24	$\mathcal{O}(0; \{24^2, 8^6, 6, 4^2\})$	131072
24	$\mathcal{O}(0; \{24^2, 8^6, 6^2, 3\})$	163840
24	$\mathcal{O}(0; \{24^2, 12, 3, 2^{12}\})$	48
24	$\mathcal{O}(0; \{24^2, 12, 3^4, 2^8\})$	336
24	$\mathcal{O}(0; \{24^2, 12, 3^7, 2^4\})$	2736
24	$\mathcal{O}(0; \{24^2, 12, 3^{10}\})$	21840
24	$\mathcal{O}(0; \{24^2, 12, 4^2, 3, 2^9\})$	192
24	$\mathcal{O}(0; \{24^2, 12, 4^2, 3^4, 2^5\})$	1344
24	$\mathcal{O}(0; \{24^2, 12, 4^2, 3^7, 2\})$	10944
24	$\mathcal{O}(0; \{24^2, 12, 4^4, 3, 2^6\})$	768
24	$\mathcal{O}(0; \{24^2, 12, 4^4, 3^4, 2^2\})$	5376
24	$\mathcal{O}(0; \{24^2, 12, 4^6, 3, 2^3\})$	3072
24	$\mathcal{O}(0; \{24^2, 12, 4^8, 3\})$	12288
24	$\mathcal{O}(0; \{24^2, 12, 6, 3^2, 2^9\})$	176
24	$\mathcal{O}(0; \{24^2, 12, 6, 3^5, 2^5\})$	1360
24	$\mathcal{O}(0; \{24^2, 12, 6, 3^8, 2\})$	10928
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^2, 3^2, 2^6\})$	704
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^2, 3^5, 2^2\})$	5440
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^4, 3^2, 2^3\})$	2816
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^6, 3^2\})$	11264
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 2^{10}\})$	80
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 3^3, 2^6\})$	688
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 3^6, 2^2\})$	5456
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^2, 2^7\})$	320
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^2, 3^3, 2^3\})$	2752
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^4, 2^4\})$	1280
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^4, 3^3\})$	11008
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^6, 2\})$	5120
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 3, 2^7\})$	336
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 3^4, 2^3\})$	2736
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4^2, 3, 2^4\})$	1344
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4^2, 3^4\})$	10944
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4^4, 3, 2\})$	5376
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 3^2, 2^4\})$	1360
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 3^5\})$	10928
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 4^2, 3^2, 2\})$	5440
24	$\mathcal{O}(0; \{24^2, 12, 6^5, 2^5\})$	688
24	$\mathcal{O}(0; \{24^2, 12, 6^5, 3^3, 2\})$	5456
24	$\mathcal{O}(0; \{24^2, 12, 6^5, 4^2, 2^2\})$	2752
24	$\mathcal{O}(0; \{24^2, 12, 6^6, 3, 2^2\})$	2736
24	$\mathcal{O}(0; \{24^2, 12, 6^8\})$	5456

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4, 3, 2^7\})$	1536
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4, 3^4, 2^3\})$	10752
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^3, 3, 2^4\})$	6144
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^3, 3^4\})$	43008
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^5, 3, 2\})$	24576
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4, 3^2, 2^4\})$	5632
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4, 3^5\})$	43520
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4^3, 3^2, 2\})$	22528
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^2, 4, 2^5\})$	2560
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^2, 4, 3^3, 2\})$	22016
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^2, 4^3, 2^2\})$	10240
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^3, 4, 3, 2^2\})$	10752
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^5, 4\})$	22016
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 3, 2^5\})$	12288
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 3^4, 2\})$	86016
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 4^2, 3, 2^2\})$	49152
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6, 3^2, 2^2\})$	45056
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6^2, 2^3\})$	20480
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6^2, 4^2\})$	81920
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6^3, 3\})$	86016
24	$\mathcal{O}(0; \{24^2, 12, 8^6, 4, 3\})$	393216
24	$\mathcal{O}(0; \{24^2, 12^2, 4, 2^{10}\})$	192
24	$\mathcal{O}(0; \{24^2, 12^2, 4, 3^3, 2^6\})$	1344
24	$\mathcal{O}(0; \{24^2, 12^2, 4, 3^6, 2^2\})$	10944
24	$\mathcal{O}(0; \{24^2, 12^2, 4^3, 2^7\})$	768
24	$\mathcal{O}(0; \{24^2, 12^2, 4^3, 3^3, 2^3\})$	5376
24	$\mathcal{O}(0; \{24^2, 12^2, 4^5, 2^4\})$	3072
24	$\mathcal{O}(0; \{24^2, 12^2, 4^5, 3^3\})$	21504
24	$\mathcal{O}(0; \{24^2, 12^2, 4^7, 2\})$	12288
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4, 3, 2^7\})$	704
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4, 3^4, 2^3\})$	5440
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^3, 3, 2^4\})$	2816
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^3, 3^4\})$	21760
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^5, 3, 2\})$	11264
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4, 3^2, 2^4\})$	2752
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4, 3^5\})$	21824
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4^3, 3^2, 2\})$	11008
24	$\mathcal{O}(0; \{24^2, 12^2, 6^3, 4, 2^5\})$	1344
24	$\mathcal{O}(0; \{24^2, 12^2, 6^3, 4, 3^3, 2\})$	10944
24	$\mathcal{O}(0; \{24^2, 12^2, 6^3, 4^3, 2^2\})$	5376
24	$\mathcal{O}(0; \{24^2, 12^2, 6^4, 4, 3, 2^2\})$	5440
24	$\mathcal{O}(0; \{24^2, 12^2, 6^6, 4\})$	10944
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 2^8\})$	1536

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 3^3, 2^4\})$	10752
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 3^6\})$	87552
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 4^2, 2^5\})$	6144
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 4^2, 3^3, 2\})$	43008
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 4^4, 2^2\})$	24576
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6, 3, 2^5\})$	5632
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6, 3^4, 2\})$	43520
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6, 4^2, 3, 2^2\})$	22528
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^2, 3^2, 2^2\})$	22016
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^3, 2^3\})$	10752
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^3, 4^2\})$	43008
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^4, 3\})$	43520
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 4, 2^3\})$	49152
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 4^3\})$	196608
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 6, 4, 3\})$	180224
24	$\mathcal{O}(0; \{24^2, 12^2, 8^6, 2\})$	393216
24	$\mathcal{O}(0; \{24^2, 12^3, 3^2, 2^7\})$	1344
24	$\mathcal{O}(0; \{24^2, 12^3, 3^5, 2^3\})$	10944
24	$\mathcal{O}(0; \{24^2, 12^3, 4^2, 3^2, 2^4\})$	5376
24	$\mathcal{O}(0; \{24^2, 12^3, 4^2, 3^5\})$	43776
24	$\mathcal{O}(0; \{24^2, 12^3, 4^4, 3^2, 2\})$	21504
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 2^8\})$	704
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 3^3, 2^4\})$	5440
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 3^6\})$	43712
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 4^2, 2^5\})$	2816
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 4^2, 3^3, 2\})$	21760
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 4^4, 2^2\})$	11264
24	$\mathcal{O}(0; \{24^2, 12^3, 6^2, 3, 2^5\})$	2752
24	$\mathcal{O}(0; \{24^2, 12^3, 6^2, 3^4, 2\})$	21824
24	$\mathcal{O}(0; \{24^2, 12^3, 6^2, 4^2, 3, 2^2\})$	11008
24	$\mathcal{O}(0; \{24^2, 12^3, 6^3, 3^2, 2^2\})$	10944
24	$\mathcal{O}(0; \{24^2, 12^3, 6^4, 2^3\})$	5440
24	$\mathcal{O}(0; \{24^2, 12^3, 6^4, 4^2\})$	21760
24	$\mathcal{O}(0; \{24^2, 12^3, 6^5, 3\})$	21824
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 4, 3^2, 2^2\})$	43008
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6, 4, 2^3\})$	22528
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6, 4^3\})$	90112
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6^2, 4, 3\})$	88064
24	$\mathcal{O}(0; \{24^2, 12^3, 8^4, 3^2\})$	344064
24	$\mathcal{O}(0; \{24^2, 12^3, 8^4, 6, 2\})$	180224
24	$\mathcal{O}(0; \{24^2, 12^4, 4, 3, 2^5\})$	5376
24	$\mathcal{O}(0; \{24^2, 12^4, 4, 3^4, 2\})$	43776
24	$\mathcal{O}(0; \{24^2, 12^4, 4^3, 3, 2^2\})$	21504

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12^4, 6, 4, 3^2, 2^2\})$	21760
24	$\mathcal{O}(0; \{24^2, 12^4, 6^2, 4, 2^3\})$	11008
24	$\mathcal{O}(0; \{24^2, 12^4, 6^2, 4^3\})$	44032
24	$\mathcal{O}(0; \{24^2, 12^4, 6^3, 4, 3\})$	43776
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 3, 2^3\})$	43008
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 4^2, 3\})$	172032
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 6, 3^2\})$	174080
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 6^2, 2\})$	88064
24	$\mathcal{O}(0; \{24^2, 12^5, 2^6\})$	5376
24	$\mathcal{O}(0; \{24^2, 12^5, 3^3, 2^2\})$	43776
24	$\mathcal{O}(0; \{24^2, 12^5, 4^2, 2^3\})$	21504
24	$\mathcal{O}(0; \{24^2, 12^5, 4^4\})$	86016
24	$\mathcal{O}(0; \{24^2, 12^5, 6, 3, 2^3\})$	21760
24	$\mathcal{O}(0; \{24^2, 12^5, 6, 4^2, 3\})$	87040
24	$\mathcal{O}(0; \{24^2, 12^5, 6^2, 3^2\})$	87296
24	$\mathcal{O}(0; \{24^2, 12^5, 6^3, 2\})$	43776
24	$\mathcal{O}(0; \{24^2, 12^5, 8^2, 4, 2\})$	172032
24	$\mathcal{O}(0; \{24^2, 12^6, 4, 3^2\})$	175104
24	$\mathcal{O}(0; \{24^2, 12^6, 6, 4, 2\})$	87040
24	$\mathcal{O}(0; \{24^2, 12^7, 3, 2\})$	175104
24	$\mathcal{O}(0; \{24^3, 8, 4, 2^{10}\})$	256
24	$\mathcal{O}(0; \{24^3, 8, 4, 3^3, 2^6\})$	2816
24	$\mathcal{O}(0; \{24^3, 8, 4, 3^6, 2^2\})$	21760
24	$\mathcal{O}(0; \{24^3, 8, 4^3, 2^7\})$	1024
24	$\mathcal{O}(0; \{24^3, 8, 4^3, 3^3, 2^3\})$	11264
24	$\mathcal{O}(0; \{24^3, 8, 4^5, 2^4\})$	4096
24	$\mathcal{O}(0; \{24^3, 8, 4^5, 3^3\})$	45056
24	$\mathcal{O}(0; \{24^3, 8, 4^7, 2\})$	16384
24	$\mathcal{O}(0; \{24^3, 8, 6, 4, 3, 2^7\})$	1280
24	$\mathcal{O}(0; \{24^3, 8, 6, 4, 3^4, 2^3\})$	11008
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^3, 3, 2^4\})$	5120
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^3, 3^4\})$	44032
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^5, 3, 2\})$	20480
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4, 3^2, 2^4\})$	5376
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4, 3^5\})$	43776
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4^3, 3^2, 2\})$	21504
24	$\mathcal{O}(0; \{24^3, 8, 6^3, 4, 2^5\})$	2816
24	$\mathcal{O}(0; \{24^3, 8, 6^3, 4, 3^3, 2\})$	21760
24	$\mathcal{O}(0; \{24^3, 8, 6^3, 4^3, 2^2\})$	11264
24	$\mathcal{O}(0; \{24^3, 8, 6^4, 4, 3, 2^2\})$	11008
24	$\mathcal{O}(0; \{24^3, 8, 6^6, 4\})$	21760
24	$\mathcal{O}(0; \{24^3, 8^3, 2^8\})$	2048
24	$\mathcal{O}(0; \{24^3, 8^3, 3^3, 2^4\})$	22528

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^3, 8^3, 3^6\})$	174080
24	$\mathcal{O}(0; \{24^3, 8^3, 4^2, 2^5\})$	8192
24	$\mathcal{O}(0; \{24^3, 8^3, 4^2, 3^3, 2\})$	90112
24	$\mathcal{O}(0; \{24^3, 8^3, 4^4, 2^2\})$	32768
24	$\mathcal{O}(0; \{24^3, 8^3, 6, 3, 2^5\})$	10240
24	$\mathcal{O}(0; \{24^3, 8^3, 6, 3^4, 2\})$	88064
24	$\mathcal{O}(0; \{24^3, 8^3, 6, 4^2, 3, 2^2\})$	40960
24	$\mathcal{O}(0; \{24^3, 8^3, 6^2, 3^2, 2^2\})$	43008
24	$\mathcal{O}(0; \{24^3, 8^3, 6^3, 2^3\})$	22528
24	$\mathcal{O}(0; \{24^3, 8^3, 6^3, 4^2\})$	90112
24	$\mathcal{O}(0; \{24^3, 8^3, 6^4, 3\})$	88064
24	$\mathcal{O}(0; \{24^3, 8^5, 4, 2^3\})$	65536
24	$\mathcal{O}(0; \{24^3, 8^5, 4^3\})$	262144
24	$\mathcal{O}(0; \{24^3, 8^5, 6, 4, 3\})$	327680
24	$\mathcal{O}(0; \{24^3, 8^7, 2\})$	524288
24	$\mathcal{O}(0; \{24^3, 12, 8, 3^2, 2^7\})$	2816
24	$\mathcal{O}(0; \{24^3, 12, 8, 3^5, 2^3\})$	21760
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^2, 3^2, 2^4\})$	11264
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^2, 3^5\})$	87040
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^4, 3^2, 2\})$	45056
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 2^8\})$	1280
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 3^3, 2^4\})$	11008
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 3^6\})$	87296
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 4^2, 2^5\})$	5120
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 4^2, 3^3, 2\})$	44032
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 4^4, 2^2\})$	20480
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^2, 3, 2^5\})$	5376
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^2, 3^4, 2\})$	43776
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^2, 4^2, 3, 2^2\})$	21504
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^3, 3^2, 2^2\})$	21760
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^4, 2^3\})$	11008
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^4, 4^2\})$	44032
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^5, 3\})$	43776
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 4, 3^2, 2^2\})$	90112
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6, 4, 2^3\})$	40960
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6, 4^3\})$	163840
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6^2, 4, 3\})$	172032
24	$\mathcal{O}(0; \{24^3, 12, 8^5, 3^2\})$	720896
24	$\mathcal{O}(0; \{24^3, 12, 8^5, 6, 2\})$	327680
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 4, 3, 2^5\})$	11264
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 4, 3^4, 2\})$	87040
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 4^3, 3, 2^2\})$	45056
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6, 4, 3^2, 2^2\})$	44032

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^2, 4, 2^3\})$	21504
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^2, 4^3\})$	86016
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^3, 4, 3\})$	87040
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 3, 2^3\})$	90112
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 4^2, 3\})$	360448
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 6, 3^2\})$	352256
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 6^2, 2\})$	172032
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 2^6\})$	11264
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 3^3, 2^2\})$	87040
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 4^2, 2^3\})$	45056
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 4^4\})$	180224
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6, 3, 2^3\})$	44032
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6, 4^2, 3\})$	176128
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6^2, 3^2\})$	175104
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6^3, 2\})$	87040
24	$\mathcal{O}(0; \{24^3, 12^3, 8^3, 4, 2\})$	360448
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 4, 3^2\})$	348160
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 6, 4, 2\})$	176128
24	$\mathcal{O}(0; \{24^3, 12^5, 8, 3, 2\})$	348160
24	$\mathcal{O}(0; \{24^4, 3, 2^{10}\})$	640
24	$\mathcal{O}(0; \{24^4, 3^4, 2^6\})$	5504
24	$\mathcal{O}(0; \{24^4, 3^7, 2^2\})$	43648
24	$\mathcal{O}(0; \{24^4, 4^2, 3, 2^7\})$	2560
24	$\mathcal{O}(0; \{24^4, 4^2, 3^4, 2^3\})$	22016
24	$\mathcal{O}(0; \{24^4, 4^4, 3, 2^4\})$	10240
24	$\mathcal{O}(0; \{24^4, 4^4, 3^4\})$	88064
24	$\mathcal{O}(0; \{24^4, 4^6, 3, 2\})$	40960
24	$\mathcal{O}(0; \{24^4, 6, 3^2, 2^7\})$	2688
24	$\mathcal{O}(0; \{24^4, 6, 3^5, 2^3\})$	21888
24	$\mathcal{O}(0; \{24^4, 6, 4^2, 3^2, 2^4\})$	10752
24	$\mathcal{O}(0; \{24^4, 6, 4^2, 3^5\})$	87552
24	$\mathcal{O}(0; \{24^4, 6, 4^4, 3^2, 2\})$	43008
24	$\mathcal{O}(0; \{24^4, 6^2, 2^8\})$	1408
24	$\mathcal{O}(0; \{24^4, 6^2, 3^3, 2^4\})$	10880
24	$\mathcal{O}(0; \{24^4, 6^2, 3^6\})$	87424
24	$\mathcal{O}(0; \{24^4, 6^2, 4^2, 2^5\})$	5632
24	$\mathcal{O}(0; \{24^4, 6^2, 4^2, 3^3, 2\})$	43520
24	$\mathcal{O}(0; \{24^4, 6^2, 4^4, 2^2\})$	22528
24	$\mathcal{O}(0; \{24^4, 6^3, 3, 2^5\})$	5504
24	$\mathcal{O}(0; \{24^4, 6^3, 3^4, 2\})$	43648
24	$\mathcal{O}(0; \{24^4, 6^3, 4^2, 3, 2^2\})$	22016
24	$\mathcal{O}(0; \{24^4, 6^4, 3^2, 2^2\})$	21888
24	$\mathcal{O}(0; \{24^4, 6^5, 2^3\})$	10880

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^4, 6^5, 4^2\})$	43520
24	$\mathcal{O}(0; \{24^4, 6^6, 3\})$	43648
24	$\mathcal{O}(0; \{24^4, 8^2, 4, 3, 2^5\})$	20480
24	$\mathcal{O}(0; \{24^4, 8^2, 4, 3^4, 2\})$	176128
24	$\mathcal{O}(0; \{24^4, 8^2, 4^3, 3, 2^2\})$	81920
24	$\mathcal{O}(0; \{24^4, 8^2, 6, 4, 3^2, 2^2\})$	86016
24	$\mathcal{O}(0; \{24^4, 8^2, 6^2, 4, 2^3\})$	45056
24	$\mathcal{O}(0; \{24^4, 8^2, 6^2, 4^3\})$	180224
24	$\mathcal{O}(0; \{24^4, 8^2, 6^3, 4, 3\})$	176128
24	$\mathcal{O}(0; \{24^4, 8^4, 3, 2^3\})$	163840
24	$\mathcal{O}(0; \{24^4, 8^4, 4^2, 3\})$	655360
24	$\mathcal{O}(0; \{24^4, 8^4, 6, 3^2\})$	688128
24	$\mathcal{O}(0; \{24^4, 8^4, 6^2, 2\})$	360448
24	$\mathcal{O}(0; \{24^4, 12, 4, 2^8\})$	2560
24	$\mathcal{O}(0; \{24^4, 12, 4, 3^3, 2^4\})$	22016
24	$\mathcal{O}(0; \{24^4, 12, 4, 3^6\})$	174592
24	$\mathcal{O}(0; \{24^4, 12, 4^3, 2^5\})$	10240
24	$\mathcal{O}(0; \{24^4, 12, 4^3, 3^3, 2\})$	88064
24	$\mathcal{O}(0; \{24^4, 12, 4^5, 2^2\})$	40960
24	$\mathcal{O}(0; \{24^4, 12, 6, 4, 3, 2^5\})$	10752
24	$\mathcal{O}(0; \{24^4, 12, 6, 4, 3^4, 2\})$	87552
24	$\mathcal{O}(0; \{24^4, 12, 6, 4^3, 3, 2^2\})$	43008
24	$\mathcal{O}(0; \{24^4, 12, 6^2, 4, 3^2, 2^2\})$	43520
24	$\mathcal{O}(0; \{24^4, 12, 6^3, 4, 2^3\})$	22016
24	$\mathcal{O}(0; \{24^4, 12, 6^3, 4^3\})$	88064
24	$\mathcal{O}(0; \{24^4, 12, 6^4, 4, 3\})$	87552
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 2^6\})$	20480
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 3^3, 2^2\})$	176128
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 4^2, 2^3\})$	81920
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 4^4\})$	327680
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6, 3, 2^3\})$	86016
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6, 4^2, 3\})$	344064
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6^2, 3^2\})$	348160
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6^3, 2\})$	176128
24	$\mathcal{O}(0; \{24^4, 12, 8^4, 4, 2\})$	655360
24	$\mathcal{O}(0; \{24^4, 12^2, 3^2, 2^5\})$	22016
24	$\mathcal{O}(0; \{24^4, 12^2, 3^5, 2\})$	174592
24	$\mathcal{O}(0; \{24^4, 12^2, 4^2, 3^2, 2^2\})$	88064
24	$\mathcal{O}(0; \{24^4, 12^2, 6, 2^6\})$	10752
24	$\mathcal{O}(0; \{24^4, 12^2, 6, 3^3, 2^2\})$	87552
24	$\mathcal{O}(0; \{24^4, 12^2, 6, 4^2, 2^3\})$	43008
24	$\mathcal{O}(0; \{24^4, 12^2, 6, 4^4\})$	172032
24	$\mathcal{O}(0; \{24^4, 12^2, 6^2, 3, 2^3\})$	43520

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^4, 12^2, 6^2, 4^2, 3\})$	174080
24	$\mathcal{O}(0; \{24^4, 12^2, 6^3, 3^2\})$	174592
24	$\mathcal{O}(0; \{24^4, 12^2, 6^4, 2\})$	87552
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 4, 3^2\})$	704512
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 6, 4, 2\})$	344064
24	$\mathcal{O}(0; \{24^4, 12^3, 4, 3, 2^3\})$	88064
24	$\mathcal{O}(0; \{24^4, 12^3, 4^3, 3\})$	352256
24	$\mathcal{O}(0; \{24^4, 12^3, 6, 4, 3^2\})$	350208
24	$\mathcal{O}(0; \{24^4, 12^3, 6^2, 4, 2\})$	174080
24	$\mathcal{O}(0; \{24^4, 12^3, 8^2, 3, 2\})$	704512
24	$\mathcal{O}(0; \{24^4, 12^4, 2^4\})$	88064
24	$\mathcal{O}(0; \{24^4, 12^4, 3^3\})$	698368
24	$\mathcal{O}(0; \{24^4, 12^4, 4^2, 2\})$	352256
24	$\mathcal{O}(0; \{24^4, 12^4, 6, 3, 2\})$	350208
24	$\mathcal{O}(0; \{24^5, 8, 3^2, 2^5\})$	43008
24	$\mathcal{O}(0; \{24^5, 8, 3^5, 2\})$	350208
24	$\mathcal{O}(0; \{24^5, 8, 4^2, 3^2, 2^2\})$	172032
24	$\mathcal{O}(0; \{24^5, 8, 6, 2^6\})$	22528
24	$\mathcal{O}(0; \{24^5, 8, 6, 3^3, 2^2\})$	174080
24	$\mathcal{O}(0; \{24^5, 8, 6, 4^2, 2^3\})$	90112
24	$\mathcal{O}(0; \{24^5, 8, 6, 4^4\})$	360448
24	$\mathcal{O}(0; \{24^5, 8, 6^2, 3, 2^3\})$	88064
24	$\mathcal{O}(0; \{24^5, 8, 6^2, 4^2, 3\})$	352256
24	$\mathcal{O}(0; \{24^5, 8, 6^3, 3^2\})$	350208
24	$\mathcal{O}(0; \{24^5, 8, 6^4, 2\})$	174080
24	$\mathcal{O}(0; \{24^5, 8^3, 4, 3^2\})$	1376256
24	$\mathcal{O}(0; \{24^5, 8^3, 6, 4, 2\})$	720896
24	$\mathcal{O}(0; \{24^5, 12, 8, 4, 3, 2^3\})$	172032
24	$\mathcal{O}(0; \{24^5, 12, 8, 4^3, 3\})$	688128
24	$\mathcal{O}(0; \{24^5, 12, 8, 6, 4, 3^2\})$	696320
24	$\mathcal{O}(0; \{24^5, 12, 8, 6^2, 4, 2\})$	352256
24	$\mathcal{O}(0; \{24^5, 12, 8^3, 3, 2\})$	1376256
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 2^4\})$	172032
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 3^3\})$	1400832
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 4^2, 2\})$	688128
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 6, 3, 2\})$	696320
24	$\mathcal{O}(0; \{24^6, 4, 2^6\})$	45056
24	$\mathcal{O}(0; \{24^6, 4, 3^3, 2^2\})$	348160
24	$\mathcal{O}(0; \{24^6, 4^3, 2^3\})$	180224
24	$\mathcal{O}(0; \{24^6, 4^5\})$	720896
24	$\mathcal{O}(0; \{24^6, 6, 4, 3, 2^3\})$	176128
24	$\mathcal{O}(0; \{24^6, 6, 4^3, 3\})$	704512
24	$\mathcal{O}(0; \{24^6, 6^2, 4, 3^2\})$	700416

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^6, 6^3, 4, 2\})$	348160
24	$\mathcal{O}(0; \{24^6, 8^2, 2^4\})$	360448
24	$\mathcal{O}(0; \{24^6, 8^2, 3^3\})$	2785280
24	$\mathcal{O}(0; \{24^6, 8^2, 4^2, 2\})$	1441792
24	$\mathcal{O}(0; \{24^6, 8^2, 6, 3, 2\})$	1409024
24	$\mathcal{O}(0; \{24^6, 12, 3^2, 2^3\})$	348160
24	$\mathcal{O}(0; \{24^6, 12, 4^2, 3^2\})$	1392640
24	$\mathcal{O}(0; \{24^6, 12, 6, 2^4\})$	176128
24	$\mathcal{O}(0; \{24^6, 12, 6, 3^3\})$	1396736
24	$\mathcal{O}(0; \{24^6, 12, 6, 4^2, 2\})$	704512
24	$\mathcal{O}(0; \{24^6, 12, 6^2, 3, 2\})$	700416
24	$\mathcal{O}(0; \{24^6, 12^2, 4, 3, 2\})$	1392640
24	$\mathcal{O}(0; \{24^6, 12^3, 2^2\})$	1392640
24	$\mathcal{O}(0; \{24^7, 8, 4, 3, 2\})$	2818048
24	$\mathcal{O}(0; \{24^7, 12, 8, 2^2\})$	2818048
24	$\mathcal{O}(0; \{24^8, 3^2, 2\})$	5603328
24	$\mathcal{O}(0; \{24^8, 6, 2^2\})$	2785280
24	$\mathcal{O}(0; \{24^8, 12^2\})$	22413312
24	$\mathcal{O}(0; \{24^9, 8\})$	44564480
25	$\mathcal{O}(3; \{5^4\})$	12694500000
25	$\mathcal{O}(1; \{5^9\})$	31456800
25	$\mathcal{O}(1; \{25^5, 5^3\})$	5100000000
26	$\mathcal{O}(3; \{26^2, 2^2\})$	3706989312
26	$\mathcal{O}(2; \{26^2, 2^6\})$	5483712
26	$\mathcal{O}(1; \{26^2, 2^{10}\})$	8112
26	$\mathcal{O}(0; \{26, 13^7, 2^3\})$	33075516
26	$\mathcal{O}(0; \{26^2, 2^{14}\})$	12
26	$\mathcal{O}(0; \{26^3, 13^6, 2\})$	396906180
27	$\mathcal{O}(3; \{3^4\})$	2321334288
27	$\mathcal{O}(3; \{9^3\})$	6964002864
27	$\mathcal{O}(2; \{3^7\})$	22044960
27	$\mathcal{O}(2; \{9^3, 3^3\})$	75582720
27	$\mathcal{O}(2; \{27^3, 9^2\})$	3099363912
27	$\mathcal{O}(1; \{3^{10}\})$	221616
27	$\mathcal{O}(1; \{9^3, 3^6\})$	746496
27	$\mathcal{O}(1; \{9^6, 3^2\})$	13856832
27	$\mathcal{O}(1; \{27^3, 9^2, 3^3\})$	34012224
27	$\mathcal{O}(1; \{27^6, 9\})$	5682167172
27	$\mathcal{O}(0; \{27^3, 9^2, 3^6\})$	373248
27	$\mathcal{O}(0; \{27^3, 9^5, 3^2\})$	5038848
27	$\mathcal{O}(0; \{27^6, 9, 3^3\})$	62355744
27	$\mathcal{O}(0; \{27^9\})$	7317942570
28	$\mathcal{O}(3; \{28^2, 2\})$	5782683648

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(2; \{7^4, 2^2\})$	107180640
28	$\mathcal{O}(2; \{14^2, 7^3\})$	639626400
28	$\mathcal{O}(2; \{28, 7^2, 4, 2^2\})$	36879360
28	$\mathcal{O}(2; \{28, 14^2, 7, 4\})$	228652032
28	$\mathcal{O}(2; \{28^2, 2^5\})$	7375872
28	$\mathcal{O}(2; \{28^2, 4^2, 2^2\})$	29503488
28	$\mathcal{O}(1; \{7^4, 2^6\})$	109368
28	$\mathcal{O}(1; \{7^4, 4^2, 2^3\})$	291648
28	$\mathcal{O}(1; \{7^4, 4^4\})$	1166592
28	$\mathcal{O}(1; \{14^2, 7^3, 2^4\})$	652680
28	$\mathcal{O}(1; \{14^2, 7^3, 4^2, 2\})$	1740480
28	$\mathcal{O}(1; \{14^4, 7^2, 2^2\})$	3919608
28	$\mathcal{O}(1; \{14^6, 7\})$	23514120
28	$\mathcal{O}(1; \{28, 7^2, 4, 2^6\})$	47040
28	$\mathcal{O}(1; \{28, 7^2, 4^3, 2^3\})$	188160
28	$\mathcal{O}(1; \{28, 7^2, 4^5\})$	752640
28	$\mathcal{O}(1; \{28, 14^2, 7, 4, 2^4\})$	291648
28	$\mathcal{O}(1; \{28, 14^2, 7, 4^3, 2\})$	1166592
28	$\mathcal{O}(1; \{28, 14^4, 4, 2^2\})$	1740480
28	$\mathcal{O}(1; \{28^2, 2^9\})$	9408
28	$\mathcal{O}(1; \{28^2, 4^2, 2^6\})$	37632
28	$\mathcal{O}(1; \{28^2, 4^4, 2^3\})$	150528
28	$\mathcal{O}(1; \{28^2, 4^6\})$	602112
28	$\mathcal{O}(1; \{28^2, 14, 7^3, 2^2\})$	10452288
28	$\mathcal{O}(1; \{28^2, 14^3, 7^2\})$	62704320
28	$\mathcal{O}(1; \{28^3, 14, 7, 4, 2^2\})$	6961920
28	$\mathcal{O}(1; \{28^3, 14^3, 4\})$	41809152
28	$\mathcal{O}(1; \{28^4, 7^3\})$	250817280
28	$\mathcal{O}(1; \{28^5, 7, 4\})$	167236608
28	$\mathcal{O}(0; \{7^4, 4^2, 2^7\})$	372
28	$\mathcal{O}(0; \{7^4, 4^4, 2^4\})$	1488
28	$\mathcal{O}(0; \{7^4, 4^6, 2\})$	5952
28	$\mathcal{O}(0; \{14, 7^7, 4^2\})$	479892
28	$\mathcal{O}(0; \{14^2, 7^3, 4^2, 2^5\})$	2220
28	$\mathcal{O}(0; \{14^2, 7^3, 4^4, 2^2\})$	8880
28	$\mathcal{O}(0; \{14^4, 7^2, 4^2, 2^3\})$	13332
28	$\mathcal{O}(0; \{14^4, 7^2, 4^4\})$	53328
28	$\mathcal{O}(0; \{14^6, 7, 4^2, 2\})$	79980
28	$\mathcal{O}(0; \{28, 7^2, 4, 2^{10}\})$	60
28	$\mathcal{O}(0; \{28, 7^2, 4^3, 2^7\})$	240
28	$\mathcal{O}(0; \{28, 7^2, 4^5, 2^4\})$	960
28	$\mathcal{O}(0; \{28, 7^2, 4^7, 2\})$	3840
28	$\mathcal{O}(0; \{28, 14, 7^5, 4, 2^3\})$	79980

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(0; \{28, 14, 7^5, 4^3\})$	319920
28	$\mathcal{O}(0; \{28, 14^2, 7, 4, 2^8\})$	372
28	$\mathcal{O}(0; \{28, 14^2, 7, 4^3, 2^5\})$	1488
28	$\mathcal{O}(0; \{28, 14^2, 7, 4^5, 2^2\})$	5952
28	$\mathcal{O}(0; \{28, 14^3, 7^4, 4, 2\})$	479892
28	$\mathcal{O}(0; \{28, 14^4, 4, 2^6\})$	2220
28	$\mathcal{O}(0; \{28, 14^4, 4^3, 2^3\})$	8880
28	$\mathcal{O}(0; \{28, 14^4, 4^5\})$	35520
28	$\mathcal{O}(0; \{28^2, 2^{13}\})$	12
28	$\mathcal{O}(0; \{28^2, 4^2, 2^{10}\})$	48
28	$\mathcal{O}(0; \{28^2, 4^4, 2^7\})$	192
28	$\mathcal{O}(0; \{28^2, 4^6, 2^4\})$	768
28	$\mathcal{O}(0; \{28^2, 4^8, 2\})$	3072
28	$\mathcal{O}(0; \{28^2, 7^7, 2\})$	2879340
28	$\mathcal{O}(0; \{28^2, 14, 7^3, 2^6\})$	13332
28	$\mathcal{O}(0; \{28^2, 14, 7^3, 4^2, 2^3\})$	53328
28	$\mathcal{O}(0; \{28^2, 14, 7^3, 4^4\})$	213312
28	$\mathcal{O}(0; \{28^2, 14^3, 7^2, 2^4\})$	79980
28	$\mathcal{O}(0; \{28^2, 14^3, 7^2, 4^2, 2\})$	319920
28	$\mathcal{O}(0; \{28^2, 14^5, 7, 2^2\})$	479892
28	$\mathcal{O}(0; \{28^2, 14^7\})$	2879340
28	$\mathcal{O}(0; \{28^3, 7^5, 4, 2\})$	1919568
28	$\mathcal{O}(0; \{28^3, 14, 7, 4, 2^6\})$	8880
28	$\mathcal{O}(0; \{28^3, 14, 7, 4^3, 2^3\})$	35520
28	$\mathcal{O}(0; \{28^3, 14, 7, 4^5\})$	142080
28	$\mathcal{O}(0; \{28^3, 14^3, 4, 2^4\})$	53328
28	$\mathcal{O}(0; \{28^3, 14^3, 4^3, 2\})$	213312
28	$\mathcal{O}(0; \{28^4, 7^3, 2^4\})$	319920
28	$\mathcal{O}(0; \{28^4, 7^3, 4^2, 2\})$	1279680
28	$\mathcal{O}(0; \{28^4, 14^2, 7^2, 2^2\})$	1919568
28	$\mathcal{O}(0; \{28^4, 14^4, 7\})$	11517360
28	$\mathcal{O}(0; \{28^5, 7, 4, 2^4\})$	213312
28	$\mathcal{O}(0; \{28^5, 7, 4^3, 2\})$	853248
28	$\mathcal{O}(0; \{28^5, 14^2, 4, 2^2\})$	1279680
28	$\mathcal{O}(0; \{28^6, 14, 7^2\})$	46069440
28	$\mathcal{O}(0; \{28^7, 14, 4\})$	30713088
30	$\mathcal{O}(4; \emptyset)$	653435827200
30	$\mathcal{O}(3; \{2^4\})$	727953408
30	$\mathcal{O}(3; \{3^3\})$	1435126896
30	$\mathcal{O}(3; \{6, 3, 2\})$	1457906688
30	$\mathcal{O}(2; \{2^8\})$	798720
30	$\mathcal{O}(2; \{3^3, 2^4\})$	1617408
30	$\mathcal{O}(2; \{3^6\})$	16679520

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(2; \{5^5\})$	153000000
30	$\mathcal{O}(2; \{6, 3, 2^5\})$	1617408
30	$\mathcal{O}(2; \{6, 3^4, 2\})$	8087040
30	$\mathcal{O}(2; \{6^2, 3^2, 2^2\})$	4852224
30	$\mathcal{O}(2; \{6^3, 2^3\})$	1617408
30	$\mathcal{O}(2; \{6^4, 3\})$	8087040
30	$\mathcal{O}(2; \{10, 5^2, 2^3\})$	9600000
30	$\mathcal{O}(2; \{10, 6, 5^2, 3\})$	19440000
30	$\mathcal{O}(2; \{10^3, 5, 2\})$	41600000
30	$\mathcal{O}(2; \{15, 5^3, 3\})$	78975000
30	$\mathcal{O}(2; \{15, 10, 3, 2^3\})$	6480000
30	$\mathcal{O}(2; \{15, 10, 6, 3^2\})$	19440000
30	$\mathcal{O}(2; \{15, 10, 6^2, 2\})$	6480000
30	$\mathcal{O}(2; \{15^2, 5, 3^2\})$	54675000
30	$\mathcal{O}(2; \{15^2, 6, 5, 2\})$	19440000
30	$\mathcal{O}(2; \{30, 10, 5, 3^2\})$	19440000
30	$\mathcal{O}(2; \{30, 10, 6, 5, 2\})$	19440000
30	$\mathcal{O}(2; \{30, 15, 5^2, 2\})$	84240000
30	$\mathcal{O}(2; \{30, 15^2, 3, 2\})$	58320000
30	$\mathcal{O}(2; \{30^2, 10, 3, 2\})$	19440000
30	$\mathcal{O}(1; \{2^{12}\})$	768
30	$\mathcal{O}(1; \{3^3, 2^8\})$	1728
30	$\mathcal{O}(1; \{3^6, 2^4\})$	19008
30	$\mathcal{O}(1; \{3^9\})$	110160
30	$\mathcal{O}(1; \{5^5, 2^4\})$	163200
30	$\mathcal{O}(1; \{5^5, 3^3\})$	275400
30	$\mathcal{O}(1; \{6, 3, 2^9\})$	1728
30	$\mathcal{O}(1; \{6, 3^4, 2^5\})$	8640
30	$\mathcal{O}(1; \{6, 3^7, 2\})$	74304
30	$\mathcal{O}(1; \{6, 5^5, 3, 2\})$	367200
30	$\mathcal{O}(1; \{6^2, 3^2, 2^6\})$	5184
30	$\mathcal{O}(1; \{6^2, 3^5, 2^2\})$	36288
30	$\mathcal{O}(1; \{6^3, 2^7\})$	1728
30	$\mathcal{O}(1; \{6^3, 3^3, 2^3\})$	19008
30	$\mathcal{O}(1; \{6^4, 3, 2^4\})$	8640
30	$\mathcal{O}(1; \{6^4, 3^4\})$	74304
30	$\mathcal{O}(1; \{6^5, 3^2, 2\})$	36288
30	$\mathcal{O}(1; \{6^6, 2^2\})$	19008
30	$\mathcal{O}(1; \{10, 5^2, 2^7\})$	9600
30	$\mathcal{O}(1; \{10, 5^2, 3^3, 2^3\})$	21600
30	$\mathcal{O}(1; \{10, 6, 5^2, 3, 2^4\})$	21600
30	$\mathcal{O}(1; \{10, 6, 5^2, 3^4\})$	108000
30	$\mathcal{O}(1; \{10, 6^2, 5^2, 3^2, 2\})$	64800

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{10, 6^3, 5^2, 2^2\})$	21600
30	$\mathcal{O}(1; \{10^2, 5^4, 2^2\})$	656000
30	$\mathcal{O}(1; \{10^3, 5, 2^5\})$	41600
30	$\mathcal{O}(1; \{10^3, 5, 3^3, 2\})$	93600
30	$\mathcal{O}(1; \{10^3, 6, 5, 3, 2^2\})$	93600
30	$\mathcal{O}(1; \{10^3, 6^3, 5\})$	93600
30	$\mathcal{O}(1; \{10^4, 5^3\})$	2620800
30	$\mathcal{O}(1; \{10^5, 2^3\})$	163200
30	$\mathcal{O}(1; \{10^5, 6, 3\})$	367200
30	$\mathcal{O}(1; \{15, 5^3, 3, 2^4\})$	93600
30	$\mathcal{O}(1; \{15, 5^3, 3^4\})$	351000
30	$\mathcal{O}(1; \{15, 6, 5^3, 3^2, 2\})$	280800
30	$\mathcal{O}(1; \{15, 6^2, 5^3, 2^2\})$	93600
30	$\mathcal{O}(1; \{15, 10, 3, 2^7\})$	7200
30	$\mathcal{O}(1; \{15, 10, 3^4, 2^3\})$	36000
30	$\mathcal{O}(1; \{15, 10, 6, 3^2, 2^4\})$	21600
30	$\mathcal{O}(1; \{15, 10, 6, 3^5\})$	151200
30	$\mathcal{O}(1; \{15, 10, 6^2, 2^5\})$	7200
30	$\mathcal{O}(1; \{15, 10, 6^2, 3^3, 2\})$	79200
30	$\mathcal{O}(1; \{15, 10, 6^3, 3, 2^2\})$	36000
30	$\mathcal{O}(1; \{15, 10, 6^5\})$	79200
30	$\mathcal{O}(1; \{15, 10^2, 5^2, 3, 2^2\})$	367200
30	$\mathcal{O}(1; \{15, 10^2, 6^2, 5^2\})$	367200
30	$\mathcal{O}(1; \{15, 10^4, 5, 3\})$	1476000
30	$\mathcal{O}(1; \{15^2, 5, 3^2, 2^4\})$	64800
30	$\mathcal{O}(1; \{15^2, 5, 3^5\})$	340200
30	$\mathcal{O}(1; \{15^2, 6, 5, 2^5\})$	21600
30	$\mathcal{O}(1; \{15^2, 6, 5, 3^3, 2\})$	237600
30	$\mathcal{O}(1; \{15^2, 6^2, 5, 3, 2^2\})$	108000
30	$\mathcal{O}(1; \{15^2, 6^4, 5\})$	237600
30	$\mathcal{O}(1; \{15^2, 10, 6, 5^3\})$	1476000
30	$\mathcal{O}(1; \{15^2, 10^2, 3^2, 2^2\})$	280800
30	$\mathcal{O}(1; \{15^2, 10^2, 6, 2^3\})$	93600
30	$\mathcal{O}(1; \{15^2, 10^2, 6^2, 3\})$	468000
30	$\mathcal{O}(1; \{15^3, 5^4\})$	4422600
30	$\mathcal{O}(1; \{15^3, 10, 5, 2^3\})$	367200
30	$\mathcal{O}(1; \{15^3, 10, 6, 5, 3\})$	1836000
30	$\mathcal{O}(1; \{15^3, 10^3, 2\})$	1476000
30	$\mathcal{O}(1; \{15^4, 5^2, 3\})$	5535000
30	$\mathcal{O}(1; \{15^5, 3^2\})$	5783400
30	$\mathcal{O}(1; \{15^5, 6, 2\})$	4039200
30	$\mathcal{O}(1; \{30, 5^4, 3^2, 2\})$	367200
30	$\mathcal{O}(1; \{30, 6, 5^4, 2^2\})$	367200

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{30, 10, 5, 3^2, 2^4\})$	21600
30	$\mathcal{O}(1; \{30, 10, 5, 3^5\})$	237600
30	$\mathcal{O}(1; \{30, 10, 6, 5, 2^5\})$	21600
30	$\mathcal{O}(1; \{30, 10, 6, 5, 3^3, 2\})$	108000
30	$\mathcal{O}(1; \{30, 10, 6^2, 5, 3, 2^2\})$	64800
30	$\mathcal{O}(1; \{30, 10, 6^4, 5\})$	108000
30	$\mathcal{O}(1; \{30, 10^2, 6, 5^3\})$	1476000
30	$\mathcal{O}(1; \{30, 10^3, 3^2, 2^2\})$	93600
30	$\mathcal{O}(1; \{30, 10^3, 6, 2^3\})$	93600
30	$\mathcal{O}(1; \{30, 10^3, 6^2, 3\})$	280800
30	$\mathcal{O}(1; \{30, 15, 5^2, 2^5\})$	93600
30	$\mathcal{O}(1; \{30, 15, 5^2, 3^3, 2\})$	468000
30	$\mathcal{O}(1; \{30, 15, 6, 5^2, 3, 2^2\})$	280800
30	$\mathcal{O}(1; \{30, 15, 6^3, 5^2\})$	468000
30	$\mathcal{O}(1; \{30, 15, 10, 5^4\})$	5896800
30	$\mathcal{O}(1; \{30, 15, 10^2, 5, 2^3\})$	367200
30	$\mathcal{O}(1; \{30, 15, 10^2, 6, 5, 3\})$	1101600
30	$\mathcal{O}(1; \{30, 15, 10^4, 2\})$	1476000
30	$\mathcal{O}(1; \{30, 15^2, 3, 2^5\})$	64800
30	$\mathcal{O}(1; \{30, 15^2, 3^4, 2\})$	453600
30	$\mathcal{O}(1; \{30, 15^2, 6, 3^2, 2^2\})$	237600
30	$\mathcal{O}(1; \{30, 15^2, 6^2, 2^3\})$	108000
30	$\mathcal{O}(1; \{30, 15^2, 6^3, 3\})$	453600
30	$\mathcal{O}(1; \{30, 15^2, 10, 5^2, 3\})$	4428000
30	$\mathcal{O}(1; \{30, 15^3, 10, 3^2\})$	4039200
30	$\mathcal{O}(1; \{30, 15^3, 10, 6, 2\})$	1836000
30	$\mathcal{O}(1; \{30, 15^4, 5, 2\})$	7380000
30	$\mathcal{O}(1; \{30^2, 5^3, 3, 2^2\})$	367200
30	$\mathcal{O}(1; \{30^2, 6^2, 5^3\})$	1101600
30	$\mathcal{O}(1; \{30^2, 10, 3, 2^5\})$	21600
30	$\mathcal{O}(1; \{30^2, 10, 3^4, 2\})$	237600
30	$\mathcal{O}(1; \{30^2, 10, 6, 3^2, 2^2\})$	108000
30	$\mathcal{O}(1; \{30^2, 10, 6^2, 2^3\})$	64800
30	$\mathcal{O}(1; \{30^2, 10, 6^3, 3\})$	237600
30	$\mathcal{O}(1; \{30^2, 10^2, 5^2, 3\})$	1476000
30	$\mathcal{O}(1; \{30^2, 15, 5, 3^2, 2^2\})$	468000
30	$\mathcal{O}(1; \{30^2, 15, 6, 5, 2^3\})$	280800
30	$\mathcal{O}(1; \{30^2, 15, 6^2, 5, 3\})$	1029600
30	$\mathcal{O}(1; \{30^2, 15, 10^2, 3^2\})$	1836000
30	$\mathcal{O}(1; \{30^2, 15, 10^2, 6, 2\})$	1101600
30	$\mathcal{O}(1; \{30^2, 15^2, 10, 5, 2\})$	4428000
30	$\mathcal{O}(1; \{30^3, 5^2, 2^3\})$	367200
30	$\mathcal{O}(1; \{30^3, 6, 5^2, 3\})$	1836000

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{30^3, 10^2, 5, 2\})$	1476000
30	$\mathcal{O}(1; \{30^3, 15, 3, 2^3\})$	468000
30	$\mathcal{O}(1; \{30^3, 15, 6, 3^2\})$	1965600
30	$\mathcal{O}(1; \{30^3, 15, 6^2, 2\})$	1029600
30	$\mathcal{O}(1; \{30^4, 5, 3^2\})$	4039200
30	$\mathcal{O}(1; \{30^4, 6, 5, 2\})$	1836000
30	$\mathcal{O}(1; \{30^5, 3, 2\})$	4039200
30	$\mathcal{O}(0; \{5^5, 3^3, 2^4\})$	408
30	$\mathcal{O}(0; \{6, 5^5, 3, 2^5\})$	408
30	$\mathcal{O}(0; \{6, 5^5, 3^4, 2\})$	2040
30	$\mathcal{O}(0; \{6^2, 5^5, 3^2, 2^2\})$	1224
30	$\mathcal{O}(0; \{6^3, 5^5, 2^3\})$	408
30	$\mathcal{O}(0; \{6^4, 5^5, 3\})$	2040
30	$\mathcal{O}(0; \{10, 5^2, 3^3, 2^7\})$	24
30	$\mathcal{O}(0; \{10, 5^2, 3^6, 2^3\})$	264
30	$\mathcal{O}(0; \{10, 6, 5^2, 3, 2^8\})$	24
30	$\mathcal{O}(0; \{10, 6, 5^2, 3^4, 2^4\})$	120
30	$\mathcal{O}(0; \{10, 6, 5^2, 3^7\})$	1032
30	$\mathcal{O}(0; \{10, 6, 5^7, 3\})$	26216
30	$\mathcal{O}(0; \{10, 6^2, 5^2, 3^2, 2^5\})$	72
30	$\mathcal{O}(0; \{10, 6^2, 5^2, 3^5, 2\})$	504
30	$\mathcal{O}(0; \{10, 6^3, 5^2, 2^6\})$	24
30	$\mathcal{O}(0; \{10, 6^3, 5^2, 3^3, 2^2\})$	264
30	$\mathcal{O}(0; \{10, 6^4, 5^2, 3, 2^3\})$	120
30	$\mathcal{O}(0; \{10, 6^5, 5^2, 3^2\})$	504
30	$\mathcal{O}(0; \{10, 6^6, 5^2, 2\})$	264
30	$\mathcal{O}(0; \{10^2, 5^4, 3^3, 2^2\})$	1640
30	$\mathcal{O}(0; \{10^2, 6, 5^4, 3, 2^3\})$	1640
30	$\mathcal{O}(0; \{10^2, 6^2, 5^4, 3^2\})$	4920
30	$\mathcal{O}(0; \{10^2, 6^3, 5^4, 2\})$	1640
30	$\mathcal{O}(0; \{10^3, 5, 3^3, 2^5\})$	104
30	$\mathcal{O}(0; \{10^3, 5, 3^6, 2\})$	1144
30	$\mathcal{O}(0; \{10^3, 6, 5, 3, 2^6\})$	104
30	$\mathcal{O}(0; \{10^3, 6, 5, 3^4, 2^2\})$	520
30	$\mathcal{O}(0; \{10^3, 6^2, 5, 3^2, 2^3\})$	312
30	$\mathcal{O}(0; \{10^3, 6^3, 5, 2^4\})$	104
30	$\mathcal{O}(0; \{10^3, 6^3, 5, 3^3\})$	1144
30	$\mathcal{O}(0; \{10^3, 6^4, 5, 3, 2\})$	520
30	$\mathcal{O}(0; \{10^4, 5^3, 3^3\})$	6552
30	$\mathcal{O}(0; \{10^4, 6, 5^3, 3, 2\})$	6552
30	$\mathcal{O}(0; \{10^5, 3^3, 2^3\})$	408
30	$\mathcal{O}(0; \{10^5, 6, 3, 2^4\})$	408
30	$\mathcal{O}(0; \{10^5, 6, 3^4\})$	2040

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{10^5, 6^2, 3^2, 2\})$	1224
30	$\mathcal{O}(0; \{10^5, 6^3, 2^2\})$	408
30	$\mathcal{O}(0; \{15, 5^3, 3, 2^8\})$	104
30	$\mathcal{O}(0; \{15, 5^3, 3^4, 2^4\})$	520
30	$\mathcal{O}(0; \{15, 6, 5^3, 3^2, 2^5\})$	312
30	$\mathcal{O}(0; \{15, 6, 5^3, 3^5, 2\})$	2184
30	$\mathcal{O}(0; \{15, 6^2, 5^3, 2^6\})$	104
30	$\mathcal{O}(0; \{15, 6^2, 5^3, 3^3, 2^2\})$	1144
30	$\mathcal{O}(0; \{15, 6^3, 5^3, 3, 2^3\})$	520
30	$\mathcal{O}(0; \{15, 6^4, 5^3, 3^2\})$	2184
30	$\mathcal{O}(0; \{15, 6^5, 5^3, 2\})$	1144
30	$\mathcal{O}(0; \{15, 10, 3, 2^{11}\})$	8
30	$\mathcal{O}(0; \{15, 10, 3^4, 2^7\})$	40
30	$\mathcal{O}(0; \{15, 10, 3^7, 2^3\})$	344
30	$\mathcal{O}(0; \{15, 10, 5^5, 3, 2^3\})$	6552
30	$\mathcal{O}(0; \{15, 10, 6, 3^2, 2^8\})$	24
30	$\mathcal{O}(0; \{15, 10, 6, 3^5, 2^4\})$	168
30	$\mathcal{O}(0; \{15, 10, 6, 3^8\})$	1368
30	$\mathcal{O}(0; \{15, 10, 6, 5^5, 3^2\})$	19656
30	$\mathcal{O}(0; \{15, 10, 6^2, 2^9\})$	8
30	$\mathcal{O}(0; \{15, 10, 6^2, 3^3, 2^5\})$	88
30	$\mathcal{O}(0; \{15, 10, 6^2, 3^6, 2\})$	680
30	$\mathcal{O}(0; \{15, 10, 6^2, 5^5, 2\})$	6552
30	$\mathcal{O}(0; \{15, 10, 6^3, 3, 2^6\})$	40
30	$\mathcal{O}(0; \{15, 10, 6^3, 3^4, 2^2\})$	344
30	$\mathcal{O}(0; \{15, 10, 6^4, 3^2, 2^3\})$	168
30	$\mathcal{O}(0; \{15, 10, 6^5, 2^4\})$	88
30	$\mathcal{O}(0; \{15, 10, 6^5, 3^3\})$	680
30	$\mathcal{O}(0; \{15, 10, 6^6, 3, 2\})$	344
30	$\mathcal{O}(0; \{15, 10^2, 5^2, 3, 2^6\})$	408
30	$\mathcal{O}(0; \{15, 10^2, 5^2, 3^4, 2^2\})$	2040
30	$\mathcal{O}(0; \{15, 10^2, 6, 5^2, 3^2, 2^3\})$	1224
30	$\mathcal{O}(0; \{15, 10^2, 6^2, 5^2, 2^4\})$	408
30	$\mathcal{O}(0; \{15, 10^2, 6^2, 5^2, 3^3\})$	4488
30	$\mathcal{O}(0; \{15, 10^2, 6^3, 5^2, 3, 2\})$	2040
30	$\mathcal{O}(0; \{15, 10^3, 5^4, 3, 2\})$	26216
30	$\mathcal{O}(0; \{15, 10^4, 5, 3, 2^4\})$	1640
30	$\mathcal{O}(0; \{15, 10^4, 5, 3^4\})$	8200
30	$\mathcal{O}(0; \{15, 10^4, 6, 5, 3^2, 2\})$	4920
30	$\mathcal{O}(0; \{15, 10^4, 6^2, 5, 2^2\})$	1640
30	$\mathcal{O}(0; \{15, 10^6, 3, 2^2\})$	6552
30	$\mathcal{O}(0; \{15, 10^6, 6^2\})$	6552
30	$\mathcal{O}(0; \{15^2, 5, 3^2, 2^8\})$	72

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{15^2, 5, 3^5, 2^4\})$	504
30	$\mathcal{O}(0; \{15^2, 6, 5, 2^9\})$	24
30	$\mathcal{O}(0; \{15^2, 6, 5, 3^3, 2^5\})$	264
30	$\mathcal{O}(0; \{15^2, 6, 5, 3^6, 2\})$	2040
30	$\mathcal{O}(0; \{15^2, 6, 5^6, 2\})$	26216
30	$\mathcal{O}(0; \{15^2, 6^2, 5, 3, 2^6\})$	120
30	$\mathcal{O}(0; \{15^2, 6^2, 5, 3^4, 2^2\})$	1032
30	$\mathcal{O}(0; \{15^2, 6^3, 5, 3^2, 2^3\})$	504
30	$\mathcal{O}(0; \{15^2, 6^4, 5, 2^4\})$	264
30	$\mathcal{O}(0; \{15^2, 6^4, 5, 3^3\})$	2040
30	$\mathcal{O}(0; \{15^2, 6^5, 5, 3, 2\})$	1032
30	$\mathcal{O}(0; \{15^2, 10, 5^3, 3^2, 2^3\})$	4920
30	$\mathcal{O}(0; \{15^2, 10, 6, 5^3, 2^4\})$	1640
30	$\mathcal{O}(0; \{15^2, 10, 6, 5^3, 3^3\})$	18040
30	$\mathcal{O}(0; \{15^2, 10, 6^2, 5^3, 3, 2\})$	8200
30	$\mathcal{O}(0; \{15^2, 10^2, 3^2, 2^6\})$	312
30	$\mathcal{O}(0; \{15^2, 10^2, 3^5, 2^2\})$	2184
30	$\mathcal{O}(0; \{15^2, 10^2, 6, 2^7\})$	104
30	$\mathcal{O}(0; \{15^2, 10^2, 6, 3^3, 2^3\})$	1144
30	$\mathcal{O}(0; \{15^2, 10^2, 6^2, 3, 2^4\})$	520
30	$\mathcal{O}(0; \{15^2, 10^2, 6^2, 3^4\})$	4472
30	$\mathcal{O}(0; \{15^2, 10^2, 6^3, 3^2, 2\})$	2184
30	$\mathcal{O}(0; \{15^2, 10^2, 6^4, 2^2\})$	1144
30	$\mathcal{O}(0; \{15^2, 10^3, 5^2, 3^2, 2\})$	19656
30	$\mathcal{O}(0; \{15^2, 10^3, 6, 5^2, 2^2\})$	6552
30	$\mathcal{O}(0; \{15^2, 10^5, 6, 5\})$	26216
30	$\mathcal{O}(0; \{15^3, 5^4, 2^4\})$	6552
30	$\mathcal{O}(0; \{15^3, 6, 5^4, 3, 2\})$	32760
30	$\mathcal{O}(0; \{15^3, 10, 5, 2^7\})$	408
30	$\mathcal{O}(0; \{15^3, 10, 5, 3^3, 2^3\})$	4488
30	$\mathcal{O}(0; \{15^3, 10, 6, 5, 3, 2^4\})$	2040
30	$\mathcal{O}(0; \{15^3, 10, 6, 5, 3^4\})$	17544
30	$\mathcal{O}(0; \{15^3, 10, 6^2, 5, 3^2, 2\})$	8568
30	$\mathcal{O}(0; \{15^3, 10, 6^3, 5, 2^2\})$	4488
30	$\mathcal{O}(0; \{15^3, 10^2, 5^3, 2^2\})$	26216
30	$\mathcal{O}(0; \{15^3, 10^3, 2^5\})$	1640
30	$\mathcal{O}(0; \{15^3, 10^3, 3^3, 2\})$	18040
30	$\mathcal{O}(0; \{15^3, 10^3, 6, 3, 2^2\})$	8200
30	$\mathcal{O}(0; \{15^3, 10^3, 6^3\})$	18040
30	$\mathcal{O}(0; \{15^3, 10^4, 5^2\})$	104856
30	$\mathcal{O}(0; \{15^4, 5^2, 3, 2^4\})$	8200
30	$\mathcal{O}(0; \{15^4, 6, 5^2, 3^2, 2\})$	34440
30	$\mathcal{O}(0; \{15^4, 6^2, 5^2, 2^2\})$	18040

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{15^4, 10^2, 5, 3, 2^2\})$	32760
30	$\mathcal{O}(0; \{15^4, 10^2, 6^2, 5\})$	72072
30	$\mathcal{O}(0; \{15^4, 10^4, 3\})$	131080
30	$\mathcal{O}(0; \{15^5, 3^2, 2^4\})$	8568
30	$\mathcal{O}(0; \{15^5, 6, 2^5\})$	4488
30	$\mathcal{O}(0; \{15^5, 6, 3^3, 2\})$	34680
30	$\mathcal{O}(0; \{15^5, 6^2, 3, 2^2\})$	17544
30	$\mathcal{O}(0; \{15^5, 6^4\})$	34680
30	$\mathcal{O}(0; \{15^5, 10, 6, 5^2\})$	288376
30	$\mathcal{O}(0; \{15^6, 10, 2^3\})$	72072
30	$\mathcal{O}(0; \{15^6, 10, 6, 3\})$	281736
30	$\mathcal{O}(0; \{30, 5^4, 3^2, 2^5\})$	408
30	$\mathcal{O}(0; \{30, 5^4, 3^5, 2\})$	4488
30	$\mathcal{O}(0; \{30, 6, 5^4, 2^6\})$	408
30	$\mathcal{O}(0; \{30, 6, 5^4, 3^3, 2^2\})$	2040
30	$\mathcal{O}(0; \{30, 6^2, 5^4, 3, 2^3\})$	1224
30	$\mathcal{O}(0; \{30, 6^3, 5^4, 3^2\})$	4488
30	$\mathcal{O}(0; \{30, 6^4, 5^4, 2\})$	2040
30	$\mathcal{O}(0; \{30, 10, 5, 3^2, 2^8\})$	24
30	$\mathcal{O}(0; \{30, 10, 5, 3^5, 2^4\})$	264
30	$\mathcal{O}(0; \{30, 10, 5, 3^8\})$	2040
30	$\mathcal{O}(0; \{30, 10, 5^6, 3^2\})$	26216
30	$\mathcal{O}(0; \{30, 10, 6, 5, 2^9\})$	24
30	$\mathcal{O}(0; \{30, 10, 6, 5, 3^3, 2^5\})$	120
30	$\mathcal{O}(0; \{30, 10, 6, 5, 3^6, 2\})$	1032
30	$\mathcal{O}(0; \{30, 10, 6, 5^6, 2\})$	26216
30	$\mathcal{O}(0; \{30, 10, 6^2, 5, 3, 2^6\})$	72
30	$\mathcal{O}(0; \{30, 10, 6^2, 5, 3^4, 2^2\})$	504
30	$\mathcal{O}(0; \{30, 10, 6^3, 5, 3^2, 2^3\})$	264
30	$\mathcal{O}(0; \{30, 10, 6^4, 5, 2^4\})$	120
30	$\mathcal{O}(0; \{30, 10, 6^4, 5, 3^3\})$	1032
30	$\mathcal{O}(0; \{30, 10, 6^5, 5, 3, 2\})$	504
30	$\mathcal{O}(0; \{30, 10^2, 5^3, 3^2, 2^3\})$	1640
30	$\mathcal{O}(0; \{30, 10^2, 6, 5^3, 2^4\})$	1640
30	$\mathcal{O}(0; \{30, 10^2, 6, 5^3, 3^3\})$	8200
30	$\mathcal{O}(0; \{30, 10^2, 6^2, 5^3, 3, 2\})$	4920
30	$\mathcal{O}(0; \{30, 10^3, 3^2, 2^6\})$	104
30	$\mathcal{O}(0; \{30, 10^3, 3^5, 2^2\})$	1144
30	$\mathcal{O}(0; \{30, 10^3, 6, 2^7\})$	104
30	$\mathcal{O}(0; \{30, 10^3, 6, 3^3, 2^3\})$	520
30	$\mathcal{O}(0; \{30, 10^3, 6^2, 3, 2^4\})$	312
30	$\mathcal{O}(0; \{30, 10^3, 6^2, 3^4\})$	2184
30	$\mathcal{O}(0; \{30, 10^3, 6^3, 3^2, 2\})$	1144

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30, 10^3, 6^4, 2^2\})$	520
30	$\mathcal{O}(0; \{30, 10^4, 5^2, 3^2, 2\})$	6552
30	$\mathcal{O}(0; \{30, 10^4, 6, 5^2, 2^2\})$	6552
30	$\mathcal{O}(0; \{30, 10^6, 6, 5\})$	26216
30	$\mathcal{O}(0; \{30, 15, 5^2, 2^9\})$	104
30	$\mathcal{O}(0; \{30, 15, 5^2, 3^3, 2^5\})$	520
30	$\mathcal{O}(0; \{30, 15, 5^2, 3^6, 2\})$	4472
30	$\mathcal{O}(0; \{30, 15, 5^7, 2\})$	104856
30	$\mathcal{O}(0; \{30, 15, 6, 5^2, 3, 2^6\})$	312
30	$\mathcal{O}(0; \{30, 15, 6, 5^2, 3^4, 2^2\})$	2184
30	$\mathcal{O}(0; \{30, 15, 6^2, 5^2, 3^2, 2^3\})$	1144
30	$\mathcal{O}(0; \{30, 15, 6^3, 5^2, 2^4\})$	520
30	$\mathcal{O}(0; \{30, 15, 6^3, 5^2, 3^3\})$	4472
30	$\mathcal{O}(0; \{30, 15, 6^4, 5^2, 3, 2\})$	2184
30	$\mathcal{O}(0; \{30, 15, 10, 5^4, 2^4\})$	6552
30	$\mathcal{O}(0; \{30, 15, 10, 5^4, 3^3\})$	32760
30	$\mathcal{O}(0; \{30, 15, 10, 6, 5^4, 3, 2\})$	19656
30	$\mathcal{O}(0; \{30, 15, 10^2, 5, 2^7\})$	408
30	$\mathcal{O}(0; \{30, 15, 10^2, 5, 3^3, 2^3\})$	2040
30	$\mathcal{O}(0; \{30, 15, 10^2, 6, 5, 3, 2^4\})$	1224
30	$\mathcal{O}(0; \{30, 15, 10^2, 6, 5, 3^4\})$	8568
30	$\mathcal{O}(0; \{30, 15, 10^2, 6^2, 5, 3^2, 2\})$	4488
30	$\mathcal{O}(0; \{30, 15, 10^2, 6^3, 5, 2^2\})$	2040
30	$\mathcal{O}(0; \{30, 15, 10^3, 5^3, 2^2\})$	26216
30	$\mathcal{O}(0; \{30, 15, 10^4, 2^5\})$	1640
30	$\mathcal{O}(0; \{30, 15, 10^4, 3^3, 2\})$	8200
30	$\mathcal{O}(0; \{30, 15, 10^4, 6, 3, 2^2\})$	4920
30	$\mathcal{O}(0; \{30, 15, 10^4, 6^3\})$	8200
30	$\mathcal{O}(0; \{30, 15, 10^5, 5^2\})$	104856
30	$\mathcal{O}(0; \{30, 15^2, 3, 2^9\})$	72
30	$\mathcal{O}(0; \{30, 15^2, 3^4, 2^5\})$	504
30	$\mathcal{O}(0; \{30, 15^2, 3^7, 2\})$	4104
30	$\mathcal{O}(0; \{30, 15^2, 5^5, 3, 2\})$	78648
30	$\mathcal{O}(0; \{30, 15^2, 6, 3^2, 2^6\})$	264
30	$\mathcal{O}(0; \{30, 15^2, 6, 3^5, 2^2\})$	2040
30	$\mathcal{O}(0; \{30, 15^2, 6^2, 2^7\})$	120
30	$\mathcal{O}(0; \{30, 15^2, 6^2, 3^3, 2^3\})$	1032
30	$\mathcal{O}(0; \{30, 15^2, 6^3, 3, 2^4\})$	504
30	$\mathcal{O}(0; \{30, 15^2, 6^3, 3^4\})$	4104
30	$\mathcal{O}(0; \{30, 15^2, 6^4, 3^2, 2\})$	2040
30	$\mathcal{O}(0; \{30, 15^2, 6^5, 2^2\})$	1032
30	$\mathcal{O}(0; \{30, 15^2, 10, 5^2, 3, 2^4\})$	4920
30	$\mathcal{O}(0; \{30, 15^2, 10, 5^2, 3^4\})$	34440

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30, 15^2, 10, 6, 5^2, 3^2, 2\})$	18040
30	$\mathcal{O}(0; \{30, 15^2, 10, 6^2, 5^2, 2^2\})$	8200
30	$\mathcal{O}(0; \{30, 15^2, 10^3, 5, 3, 2^2\})$	19656
30	$\mathcal{O}(0; \{30, 15^2, 10^3, 6^2, 5\})$	32760
30	$\mathcal{O}(0; \{30, 15^2, 10^5, 3\})$	78648
30	$\mathcal{O}(0; \{30, 15^3, 5^3, 3^2, 2\})$	72072
30	$\mathcal{O}(0; \{30, 15^3, 6, 5^3, 2^2\})$	32760
30	$\mathcal{O}(0; \{30, 15^3, 10, 3^2, 2^4\})$	4488
30	$\mathcal{O}(0; \{30, 15^3, 10, 3^5\})$	34680
30	$\mathcal{O}(0; \{30, 15^3, 10, 6, 2^5\})$	2040
30	$\mathcal{O}(0; \{30, 15^3, 10, 6, 3^3, 2\})$	17544
30	$\mathcal{O}(0; \{30, 15^3, 10, 6^2, 3, 2^2\})$	8568
30	$\mathcal{O}(0; \{30, 15^3, 10, 6^4\})$	17544
30	$\mathcal{O}(0; \{30, 15^3, 10^2, 6, 5^2\})$	131080
30	$\mathcal{O}(0; \{30, 15^4, 5, 2^5\})$	8200
30	$\mathcal{O}(0; \{30, 15^4, 5, 3^3, 2\})$	70520
30	$\mathcal{O}(0; \{30, 15^4, 6, 5, 3, 2^2\})$	34440
30	$\mathcal{O}(0; \{30, 15^4, 6^3, 5\})$	70520
30	$\mathcal{O}(0; \{30, 15^4, 10, 5^3\})$	524280
30	$\mathcal{O}(0; \{30, 15^4, 10^2, 2^3\})$	32760
30	$\mathcal{O}(0; \{30, 15^4, 10^2, 6, 3\})$	137592
30	$\mathcal{O}(0; \{30, 15^5, 10, 5, 3\})$	550536
30	$\mathcal{O}(0; \{30, 15^7, 2\})$	1127288
30	$\mathcal{O}(0; \{30^2, 5^3, 3, 2^6\})$	408
30	$\mathcal{O}(0; \{30^2, 5^3, 3^4, 2^2\})$	4488
30	$\mathcal{O}(0; \{30^2, 6, 5^3, 3^2, 2^3\})$	2040
30	$\mathcal{O}(0; \{30^2, 6^2, 5^3, 2^4\})$	1224
30	$\mathcal{O}(0; \{30^2, 6^2, 5^3, 3^3\})$	8568
30	$\mathcal{O}(0; \{30^2, 6^3, 5^3, 3, 2\})$	4488
30	$\mathcal{O}(0; \{30^2, 10, 3, 2^9\})$	24
30	$\mathcal{O}(0; \{30^2, 10, 3^4, 2^5\})$	264
30	$\mathcal{O}(0; \{30^2, 10, 3^7, 2\})$	2040
30	$\mathcal{O}(0; \{30^2, 10, 5^5, 3, 2\})$	26216
30	$\mathcal{O}(0; \{30^2, 10, 6, 3^2, 2^6\})$	120
30	$\mathcal{O}(0; \{30^2, 10, 6, 3^5, 2^2\})$	1032
30	$\mathcal{O}(0; \{30^2, 10, 6^2, 2^7\})$	72
30	$\mathcal{O}(0; \{30^2, 10, 6^2, 3^3, 2^3\})$	504
30	$\mathcal{O}(0; \{30^2, 10, 6^3, 3, 2^4\})$	264
30	$\mathcal{O}(0; \{30^2, 10, 6^3, 3^4\})$	2040
30	$\mathcal{O}(0; \{30^2, 10, 6^4, 3^2, 2\})$	1032
30	$\mathcal{O}(0; \{30^2, 10, 6^5, 2^2\})$	504
30	$\mathcal{O}(0; \{30^2, 10^2, 5^2, 3, 2^4\})$	1640
30	$\mathcal{O}(0; \{30^2, 10^2, 5^2, 3^4\})$	18040

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30^2, 10^2, 6, 5^2, 3^2, 2\})$	8200
30	$\mathcal{O}(0; \{30^2, 10^2, 6^2, 5^2, 2^2\})$	4920
30	$\mathcal{O}(0; \{30^2, 10^4, 5, 3, 2^2\})$	6552
30	$\mathcal{O}(0; \{30^2, 10^4, 6^2, 5\})$	19656
30	$\mathcal{O}(0; \{30^2, 10^6, 3\})$	26216
30	$\mathcal{O}(0; \{30^2, 15, 5, 3^2, 2^6\})$	520
30	$\mathcal{O}(0; \{30^2, 15, 5, 3^5, 2^2\})$	4472
30	$\mathcal{O}(0; \{30^2, 15, 6, 5, 2^7\})$	312
30	$\mathcal{O}(0; \{30^2, 15, 6, 5, 3^3, 2^3\})$	2184
30	$\mathcal{O}(0; \{30^2, 15, 6^2, 5, 3, 2^4\})$	1144
30	$\mathcal{O}(0; \{30^2, 15, 6^2, 5, 3^4\})$	8840
30	$\mathcal{O}(0; \{30^2, 15, 6^3, 5, 3^2, 2\})$	4472
30	$\mathcal{O}(0; \{30^2, 15, 6^4, 5, 2^2\})$	2184
30	$\mathcal{O}(0; \{30^2, 15, 10, 5^3, 3^2, 2\})$	32760
30	$\mathcal{O}(0; \{30^2, 15, 10, 6, 5^3, 2^2\})$	19656
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 3^2, 2^4\})$	2040
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 3^5\})$	17544
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 6, 2^5\})$	1224
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 6, 3^3, 2\})$	8568
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 6^2, 3, 2^2\})$	4488
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 6^4\})$	8568
30	$\mathcal{O}(0; \{30^2, 15, 10^3, 6, 5^2\})$	78648
30	$\mathcal{O}(0; \{30^2, 15^2, 5^4, 2^2\})$	78648
30	$\mathcal{O}(0; \{30^2, 15^2, 10, 5, 2^5\})$	4920
30	$\mathcal{O}(0; \{30^2, 15^2, 10, 5, 3^3, 2\})$	34440
30	$\mathcal{O}(0; \{30^2, 15^2, 10, 6, 5, 3, 2^2\})$	18040
30	$\mathcal{O}(0; \{30^2, 15^2, 10, 6^3, 5\})$	34440
30	$\mathcal{O}(0; \{30^2, 15^2, 10^2, 5^3\})$	314568
30	$\mathcal{O}(0; \{30^2, 15^2, 10^3, 2^3\})$	19656
30	$\mathcal{O}(0; \{30^2, 15^2, 10^3, 6, 3\})$	72072
30	$\mathcal{O}(0; \{30^2, 15^3, 5^2, 3, 2^2\})$	72072
30	$\mathcal{O}(0; \{30^2, 15^3, 6^2, 5^2\})$	137592
30	$\mathcal{O}(0; \{30^2, 15^3, 10^2, 5, 3\})$	288376
30	$\mathcal{O}(0; \{30^2, 15^4, 3^2, 2^2\})$	70520
30	$\mathcal{O}(0; \{30^2, 15^4, 6, 2^3\})$	34440
30	$\mathcal{O}(0; \{30^2, 15^4, 6^2, 3\})$	139400
30	$\mathcal{O}(0; \{30^2, 15^5, 10, 2\})$	550536
30	$\mathcal{O}(0; \{30^3, 5^2, 2^7\})$	408
30	$\mathcal{O}(0; \{30^3, 5^2, 3^3, 2^3\})$	4488
30	$\mathcal{O}(0; \{30^3, 6, 5^2, 3, 2^4\})$	2040
30	$\mathcal{O}(0; \{30^3, 6, 5^2, 3^4\})$	17544
30	$\mathcal{O}(0; \{30^3, 6^2, 5^2, 3^2, 2\})$	8568
30	$\mathcal{O}(0; \{30^3, 6^3, 5^2, 2^2\})$	4488

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30^3, 10, 5^4, 2^2\})$	26216
30	$\mathcal{O}(0; \{30^3, 10^2, 5, 2^5\})$	1640
30	$\mathcal{O}(0; \{30^3, 10^2, 5, 3^3, 2\})$	18040
30	$\mathcal{O}(0; \{30^3, 10^2, 6, 5, 3, 2^2\})$	8200
30	$\mathcal{O}(0; \{30^3, 10^2, 6^3, 5\})$	18040
30	$\mathcal{O}(0; \{30^3, 10^3, 5^3\})$	104856
30	$\mathcal{O}(0; \{30^3, 10^4, 2^3\})$	6552
30	$\mathcal{O}(0; \{30^3, 10^4, 6, 3\})$	32760
30	$\mathcal{O}(0; \{30^3, 15, 3, 2^7\})$	520
30	$\mathcal{O}(0; \{30^3, 15, 3^4, 2^3\})$	4472
30	$\mathcal{O}(0; \{30^3, 15, 6, 3^2, 2^4\})$	2184
30	$\mathcal{O}(0; \{30^3, 15, 6, 3^5\})$	17784
30	$\mathcal{O}(0; \{30^3, 15, 6^2, 2^5\})$	1144
30	$\mathcal{O}(0; \{30^3, 15, 6^2, 3^3, 2\})$	8840
30	$\mathcal{O}(0; \{30^3, 15, 6^3, 3, 2^2\})$	4472
30	$\mathcal{O}(0; \{30^3, 15, 6^5\})$	8840
30	$\mathcal{O}(0; \{30^3, 15, 10, 5^2, 3, 2^2\})$	32760
30	$\mathcal{O}(0; \{30^3, 15, 10, 6^2, 5^2\})$	72072
30	$\mathcal{O}(0; \{30^3, 15, 10^3, 5, 3\})$	131080
30	$\mathcal{O}(0; \{30^3, 15^2, 6, 5^3\})$	288376
30	$\mathcal{O}(0; \{30^3, 15^2, 10, 3^2, 2^2\})$	34440
30	$\mathcal{O}(0; \{30^3, 15^2, 10, 6, 2^3\})$	18040
30	$\mathcal{O}(0; \{30^3, 15^2, 10, 6^2, 3\})$	70520
30	$\mathcal{O}(0; \{30^3, 15^3, 5, 2^3\})$	72072
30	$\mathcal{O}(0; \{30^3, 15^3, 6, 5, 3\})$	281736
30	$\mathcal{O}(0; \{30^3, 15^3, 10^2, 2\})$	288376
30	$\mathcal{O}(0; \{30^4, 5, 3^2, 2^4\})$	4488
30	$\mathcal{O}(0; \{30^4, 5, 3^5\})$	34680
30	$\mathcal{O}(0; \{30^4, 6, 5, 2^5\})$	2040
30	$\mathcal{O}(0; \{30^4, 6, 5, 3^3, 2\})$	17544
30	$\mathcal{O}(0; \{30^4, 6^2, 5, 3, 2^2\})$	8568
30	$\mathcal{O}(0; \{30^4, 6^4, 5\})$	17544
30	$\mathcal{O}(0; \{30^4, 10, 6, 5^3\})$	131080
30	$\mathcal{O}(0; \{30^4, 10^2, 3^2, 2^2\})$	18040
30	$\mathcal{O}(0; \{30^4, 10^2, 6, 2^3\})$	8200
30	$\mathcal{O}(0; \{30^4, 10^2, 6^2, 3\})$	34440
30	$\mathcal{O}(0; \{30^4, 15, 5^4\})$	524280
30	$\mathcal{O}(0; \{30^4, 15, 10, 5, 2^3\})$	32760
30	$\mathcal{O}(0; \{30^4, 15, 10, 6, 5, 3\})$	137592
30	$\mathcal{O}(0; \{30^4, 15, 10^3, 2\})$	131080
30	$\mathcal{O}(0; \{30^4, 15^2, 5^2, 3\})$	550536
30	$\mathcal{O}(0; \{30^4, 15^3, 3^2\})$	556920
30	$\mathcal{O}(0; \{30^4, 15^3, 6, 2\})$	281736

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30^5, 3, 2^5\})$	4488
30	$\mathcal{O}(0; \{30^5, 3^4, 2\})$	34680
30	$\mathcal{O}(0; \{30^5, 6, 3^2, 2^2\})$	17544
30	$\mathcal{O}(0; \{30^5, 6^2, 2^3\})$	8568
30	$\mathcal{O}(0; \{30^5, 6^3, 3\})$	34680
30	$\mathcal{O}(0; \{30^5, 10, 5^2, 3\})$	288376
30	$\mathcal{O}(0; \{30^5, 15, 10, 3^2\})$	281736
30	$\mathcal{O}(0; \{30^5, 15, 10, 6, 2\})$	137592
30	$\mathcal{O}(0; \{30^5, 15^2, 5, 2\})$	550536
30	$\mathcal{O}(0; \{30^6, 10, 5, 2\})$	288376
31	$\mathcal{O}(1; \{31^6\})$	22599000930
32	$\mathcal{O}(2; \{16^2, 4, 2^2\})$	15728640
32	$\mathcal{O}(2; \{16^2, 8^2\})$	125829120
32	$\mathcal{O}(2; \{32^2, 16, 4\})$	268435456
32	$\mathcal{O}(1; \{16^2, 4, 2^6\})$	12288
32	$\mathcal{O}(1; \{16^2, 4^3, 2^3\})$	49152
32	$\mathcal{O}(1; \{16^2, 4^5\})$	196608
32	$\mathcal{O}(1; \{16^2, 8^2, 2^4\})$	98304
32	$\mathcal{O}(1; \{16^2, 8^2, 4^2, 2\})$	393216
32	$\mathcal{O}(1; \{16^4, 8, 2^2\})$	1572864
32	$\mathcal{O}(1; \{16^6\})$	25165824
32	$\mathcal{O}(1; \{32^2, 16, 4, 2^4\})$	262144
32	$\mathcal{O}(1; \{32^2, 16, 4^3, 2\})$	1048576
32	$\mathcal{O}(1; \{32^2, 16, 8^2, 2^2\})$	2097152
32	$\mathcal{O}(1; \{32^2, 16^3, 8\})$	33554432
32	$\mathcal{O}(1; \{32^4, 4, 2^2\})$	8388608
32	$\mathcal{O}(1; \{32^4, 8^2\})$	67108864
32	$\mathcal{O}(0; \{32^2, 16, 4, 2^8\})$	256
32	$\mathcal{O}(0; \{32^2, 16, 4^3, 2^5\})$	1024
32	$\mathcal{O}(0; \{32^2, 16, 4^5, 2^2\})$	4096
32	$\mathcal{O}(0; \{32^2, 16, 8^2, 2^6\})$	2048
32	$\mathcal{O}(0; \{32^2, 16, 8^2, 4^2, 2^3\})$	8192
32	$\mathcal{O}(0; \{32^2, 16, 8^2, 4^4\})$	32768
32	$\mathcal{O}(0; \{32^2, 16, 8^4, 4, 2\})$	65536
32	$\mathcal{O}(0; \{32^2, 16^3, 8, 2^4\})$	32768
32	$\mathcal{O}(0; \{32^2, 16^3, 8, 4^2, 2\})$	131072
32	$\mathcal{O}(0; \{32^2, 16^5, 2^2\})$	524288
32	$\mathcal{O}(0; \{32^4, 4, 2^6\})$	8192
32	$\mathcal{O}(0; \{32^4, 4^3, 2^3\})$	32768
32	$\mathcal{O}(0; \{32^4, 4^5\})$	131072
32	$\mathcal{O}(0; \{32^4, 8^2, 2^4\})$	65536
32	$\mathcal{O}(0; \{32^4, 8^2, 4^2, 2\})$	262144
32	$\mathcal{O}(0; \{32^4, 16^2, 8, 2^2\})$	1048576

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
32	$\mathcal{O}(0; \{32^4, 16^4\})$	16777216
32	$\mathcal{O}(0; \{32^6, 16, 8\})$	33554432
33	$\mathcal{O}(2; \{33, 11^2, 3\})$	213465780
33	$\mathcal{O}(1; \{11^6\})$	88000880
33	$\mathcal{O}(1; \{33, 11^2, 3^4\})$	980100
33	$\mathcal{O}(1; \{33^4, 11, 3\})$	98990100
33	$\mathcal{O}(0; \{11^6, 3^3\})$	181820
33	$\mathcal{O}(0; \{33, 11^2, 3^7\})$	7740
33	$\mathcal{O}(0; \{33^3, 11^5\})$	18181820
33	$\mathcal{O}(0; \{33^4, 11, 3^4\})$	781740
33	$\mathcal{O}(0; \{33^7, 3\})$	78181740
34	$\mathcal{O}(1; \{34, 17^3, 2^3\})$	4457536
34	$\mathcal{O}(1; \{34^3, 17^2, 2\})$	71302080
34	$\mathcal{O}(0; \{34, 17^3, 2^7\})$	3856
34	$\mathcal{O}(0; \{34^3, 17^2, 2^5\})$	61680
34	$\mathcal{O}(0; \{34^5, 17, 2^3\})$	986896
34	$\mathcal{O}(0; \{34^7, 2\})$	15790320
35	$\mathcal{O}(1; \{7^6\})$	7839216
35	$\mathcal{O}(1; \{35, 7^3, 5^2\})$	2734200
35	$\mathcal{O}(1; \{35^2, 5^4\})$	6027000
35	$\mathcal{O}(0; \{35^3, 7^4, 5\})$	2079480
35	$\mathcal{O}(0; \{35^4, 7, 5^3\})$	3636360
36	$\mathcal{O}(3; \{2^2\})$	2139830784
36	$\mathcal{O}(2; \{2^6\})$	1555200
36	$\mathcal{O}(2; \{3^3, 2^2\})$	3110400
36	$\mathcal{O}(2; \{4^2, 2^3\})$	3317760
36	$\mathcal{O}(2; \{4^4\})$	13271040
36	$\mathcal{O}(2; \{6, 3, 2^3\})$	3110400
36	$\mathcal{O}(2; \{6, 4^2, 3\})$	6635520
36	$\mathcal{O}(2; \{6^2, 3^2\})$	9331200
36	$\mathcal{O}(2; \{6^3, 2\})$	3110400
36	$\mathcal{O}(2; \{12, 4, 3^2\})$	6635520
36	$\mathcal{O}(2; \{12, 6, 4, 2\})$	6635520
36	$\mathcal{O}(2; \{12^2, 3, 2\})$	6635520
36	$\mathcal{O}(2; \{18, 9, 3, 2\})$	18895680
36	$\mathcal{O}(1; \{2^{10}\})$	864
36	$\mathcal{O}(1; \{3^3, 2^6\})$	1728
36	$\mathcal{O}(1; \{3^6, 2^2\})$	19008
36	$\mathcal{O}(1; \{4^2, 2^7\})$	2304
36	$\mathcal{O}(1; \{4^2, 3^3, 2^3\})$	4608
36	$\mathcal{O}(1; \{4^4, 2^4\})$	9216
36	$\mathcal{O}(1; \{4^4, 3^3\})$	18432
36	$\mathcal{O}(1; \{4^6, 2\})$	36864

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(1; \{6, 3, 2^7\})$	1728
36	$\mathcal{O}(1; \{6, 3^4, 2^3\})$	8640
36	$\mathcal{O}(1; \{6, 4^2, 3, 2^4\})$	4608
36	$\mathcal{O}(1; \{6, 4^2, 3^4\})$	23040
36	$\mathcal{O}(1; \{6, 4^4, 3, 2\})$	18432
36	$\mathcal{O}(1; \{6^2, 3^2, 2^4\})$	5184
36	$\mathcal{O}(1; \{6^2, 3^5\})$	36288
36	$\mathcal{O}(1; \{6^2, 4^2, 3^2, 2\})$	13824
36	$\mathcal{O}(1; \{6^3, 2^5\})$	1728
36	$\mathcal{O}(1; \{6^3, 3^3, 2\})$	19008
36	$\mathcal{O}(1; \{6^3, 4^2, 2^2\})$	4608
36	$\mathcal{O}(1; \{6^4, 3, 2^2\})$	8640
36	$\mathcal{O}(1; \{6^6\})$	19008
36	$\mathcal{O}(1; \{9^3, 3^2, 2^2\})$	69984
36	$\mathcal{O}(1; \{9^3, 6, 2^3\})$	34992
36	$\mathcal{O}(1; \{9^3, 6, 4^2\})$	93312
36	$\mathcal{O}(1; \{9^3, 6^2, 3\})$	139968
36	$\mathcal{O}(1; \{12, 4, 3^2, 2^4\})$	4608
36	$\mathcal{O}(1; \{12, 4, 3^5\})$	50688
36	$\mathcal{O}(1; \{12, 4^3, 3^2, 2\})$	18432
36	$\mathcal{O}(1; \{12, 6, 4, 2^5\})$	4608
36	$\mathcal{O}(1; \{12, 6, 4, 3^3, 2\})$	23040
36	$\mathcal{O}(1; \{12, 6, 4^3, 2^2\})$	18432
36	$\mathcal{O}(1; \{12, 6^2, 4, 3, 2^2\})$	13824
36	$\mathcal{O}(1; \{12, 6^4, 4\})$	23040
36	$\mathcal{O}(1; \{12, 9^3, 4, 3\})$	186624
36	$\mathcal{O}(1; \{12^2, 3, 2^5\})$	4608
36	$\mathcal{O}(1; \{12^2, 3^4, 2\})$	50688
36	$\mathcal{O}(1; \{12^2, 4^2, 3, 2^2\})$	18432
36	$\mathcal{O}(1; \{12^2, 6, 3^2, 2^2\})$	23040
36	$\mathcal{O}(1; \{12^2, 6^2, 2^3\})$	13824
36	$\mathcal{O}(1; \{12^2, 6^2, 4^2\})$	55296
36	$\mathcal{O}(1; \{12^2, 6^3, 3\})$	50688
36	$\mathcal{O}(1; \{12^2, 9^3, 2\})$	186624
36	$\mathcal{O}(1; \{12^3, 4, 2^3\})$	18432
36	$\mathcal{O}(1; \{12^3, 4^3\})$	73728
36	$\mathcal{O}(1; \{12^3, 6, 4, 3\})$	92160
36	$\mathcal{O}(1; \{12^4, 3^2\})$	202752
36	$\mathcal{O}(1; \{12^4, 6, 2\})$	92160
36	$\mathcal{O}(1; \{18, 9, 3, 2^5\})$	11664
36	$\mathcal{O}(1; \{18, 9, 3^4, 2\})$	93312
36	$\mathcal{O}(1; \{18, 9, 4^2, 3, 2^2\})$	31104
36	$\mathcal{O}(1; \{18, 9, 6, 3^2, 2^2\})$	46656

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(1; \{18, 9, 6^2, 2^3\})$	23328
36	$\mathcal{O}(1; \{18, 9, 6^2, 4^2\})$	62208
36	$\mathcal{O}(1; \{18, 9, 6^3, 3\})$	93312
36	$\mathcal{O}(1; \{18, 9^4, 2\})$	787320
36	$\mathcal{O}(1; \{18, 12, 9, 4, 2^3\})$	31104
36	$\mathcal{O}(1; \{18, 12, 9, 4^3\})$	124416
36	$\mathcal{O}(1; \{18, 12, 9, 6, 4, 3\})$	124416
36	$\mathcal{O}(1; \{18, 12^2, 9, 3^2\})$	248832
36	$\mathcal{O}(1; \{18, 12^2, 9, 6, 2\})$	124416
36	$\mathcal{O}(1; \{18^2, 9^2, 3^2\})$	629856
36	$\mathcal{O}(1; \{18^2, 9^2, 6, 2\})$	314928
36	$\mathcal{O}(1; \{18^3, 3, 2^3\})$	34992
36	$\mathcal{O}(1; \{18^3, 4^2, 3\})$	93312
36	$\mathcal{O}(1; \{18^3, 6, 3^2\})$	139968
36	$\mathcal{O}(1; \{18^3, 6^2, 2\})$	69984
36	$\mathcal{O}(1; \{18^3, 12, 4, 2\})$	93312
36	$\mathcal{O}(1; \{36, 9^2, 4, 2^3\})$	46656
36	$\mathcal{O}(1; \{36, 9^2, 4^3\})$	186624
36	$\mathcal{O}(1; \{36, 9^2, 6, 4, 3\})$	186624
36	$\mathcal{O}(1; \{36, 12, 9^2, 3^2\})$	373248
36	$\mathcal{O}(1; \{36, 12, 9^2, 6, 2\})$	186624
36	$\mathcal{O}(1; \{36, 18, 4, 3^2, 2^2\})$	62208
36	$\mathcal{O}(1; \{36, 18, 6, 4, 2^3\})$	31104
36	$\mathcal{O}(1; \{36, 18, 6, 4^3\})$	124416
36	$\mathcal{O}(1; \{36, 18, 6^2, 4, 3\})$	124416
36	$\mathcal{O}(1; \{36, 18, 12, 3, 2^3\})$	62208
36	$\mathcal{O}(1; \{36, 18, 12, 4^2, 3\})$	248832
36	$\mathcal{O}(1; \{36, 18, 12, 6, 3^2\})$	248832
36	$\mathcal{O}(1; \{36, 18, 12, 6^2, 2\})$	124416
36	$\mathcal{O}(1; \{36, 18, 12^2, 4, 2\})$	248832
36	$\mathcal{O}(1; \{36, 18^2, 9, 4, 2\})$	419904
36	$\mathcal{O}(1; \{36^2, 9, 3, 2^3\})$	93312
36	$\mathcal{O}(1; \{36^2, 9, 4^2, 3\})$	373248
36	$\mathcal{O}(1; \{36^2, 9, 6, 3^2\})$	373248
36	$\mathcal{O}(1; \{36^2, 9, 6^2, 2\})$	186624
36	$\mathcal{O}(1; \{36^2, 12, 9, 4, 2\})$	373248
36	$\mathcal{O}(1; \{36^2, 18^2, 3, 2\})$	839808
36	$\mathcal{O}(1; \{36^3, 4, 3^2\})$	746496
36	$\mathcal{O}(1; \{36^3, 6, 4, 2\})$	373248
36	$\mathcal{O}(1; \{36^3, 12, 3, 2\})$	746496
36	$\mathcal{O}(0; \{9^3, 4^2, 3^2, 2^3\})$	144
36	$\mathcal{O}(0; \{9^3, 4^4, 3^2\})$	576
36	$\mathcal{O}(0; \{9^3, 6, 4^2, 2^4\})$	72

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{9^3, 6, 4^2, 3^3\})$	576
36	$\mathcal{O}(0; \{9^3, 6, 4^4, 2\})$	288
36	$\mathcal{O}(0; \{9^3, 6^2, 4^2, 3, 2\})$	288
36	$\mathcal{O}(0; \{12, 9^3, 4, 3, 2^4\})$	144
36	$\mathcal{O}(0; \{12, 9^3, 4, 3^4\})$	1152
36	$\mathcal{O}(0; \{12, 9^3, 4^3, 3, 2\})$	576
36	$\mathcal{O}(0; \{12, 9^3, 6, 4, 3^2, 2\})$	576
36	$\mathcal{O}(0; \{12, 9^3, 6^2, 4, 2^2\})$	288
36	$\mathcal{O}(0; \{12, 9^6, 4\})$	21384
36	$\mathcal{O}(0; \{12^2, 9^3, 2^5\})$	144
36	$\mathcal{O}(0; \{12^2, 9^3, 3^3, 2\})$	1152
36	$\mathcal{O}(0; \{12^2, 9^3, 4^2, 2^2\})$	576
36	$\mathcal{O}(0; \{12^2, 9^3, 6, 3, 2^2\})$	576
36	$\mathcal{O}(0; \{12^2, 9^3, 6^3\})$	1152
36	$\mathcal{O}(0; \{12^3, 9^3, 6, 4\})$	2304
36	$\mathcal{O}(0; \{12^4, 9^3, 3\})$	4608
36	$\mathcal{O}(0; \{18, 9, 4^2, 3, 2^6\})$	24
36	$\mathcal{O}(0; \{18, 9, 4^2, 3^4, 2^2\})$	192
36	$\mathcal{O}(0; \{18, 9, 4^4, 3, 2^3\})$	96
36	$\mathcal{O}(0; \{18, 9, 4^6, 3\})$	384
36	$\mathcal{O}(0; \{18, 9, 6, 4^2, 3^2, 2^3\})$	96
36	$\mathcal{O}(0; \{18, 9, 6, 4^4, 3^2\})$	384
36	$\mathcal{O}(0; \{18, 9, 6^2, 4^2, 2^4\})$	48
36	$\mathcal{O}(0; \{18, 9, 6^2, 4^2, 3^3\})$	384
36	$\mathcal{O}(0; \{18, 9, 6^2, 4^4, 2\})$	192
36	$\mathcal{O}(0; \{18, 9, 6^3, 4^2, 3, 2\})$	192
36	$\mathcal{O}(0; \{18, 9^4, 4^2, 2^2\})$	1620
36	$\mathcal{O}(0; \{18, 12, 9, 4, 2^7\})$	24
36	$\mathcal{O}(0; \{18, 12, 9, 4, 3^3, 2^3\})$	192
36	$\mathcal{O}(0; \{18, 12, 9, 4^3, 2^4\})$	96
36	$\mathcal{O}(0; \{18, 12, 9, 4^3, 3^3\})$	768
36	$\mathcal{O}(0; \{18, 12, 9, 4^5, 2\})$	384
36	$\mathcal{O}(0; \{18, 12, 9, 6, 4, 3, 2^4\})$	96
36	$\mathcal{O}(0; \{18, 12, 9, 6, 4, 3^4\})$	768
36	$\mathcal{O}(0; \{18, 12, 9, 6, 4^3, 3, 2\})$	384
36	$\mathcal{O}(0; \{18, 12, 9, 6^2, 4, 3^2, 2\})$	384
36	$\mathcal{O}(0; \{18, 12, 9, 6^3, 4, 2^2\})$	192
36	$\mathcal{O}(0; \{18, 12, 9^4, 6, 4\})$	6480
36	$\mathcal{O}(0; \{18, 12^2, 9, 3^2, 2^4\})$	192
36	$\mathcal{O}(0; \{18, 12^2, 9, 3^5\})$	1536
36	$\mathcal{O}(0; \{18, 12^2, 9, 4^2, 3^2, 2\})$	768
36	$\mathcal{O}(0; \{18, 12^2, 9, 6, 2^5\})$	96
36	$\mathcal{O}(0; \{18, 12^2, 9, 6, 3^3, 2\})$	768

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{18, 12^2, 9, 6, 4^2, 2^2\})$	384
36	$\mathcal{O}(0; \{18, 12^2, 9, 6^2, 3, 2^2\})$	384
36	$\mathcal{O}(0; \{18, 12^2, 9, 6^4\})$	768
36	$\mathcal{O}(0; \{18, 12^2, 9^4, 3\})$	12960
36	$\mathcal{O}(0; \{18, 12^3, 9, 4, 3, 2^2\})$	768
36	$\mathcal{O}(0; \{18, 12^3, 9, 6^2, 4\})$	1536
36	$\mathcal{O}(0; \{18, 12^4, 9, 2^3\})$	768
36	$\mathcal{O}(0; \{18, 12^4, 9, 4^2\})$	3072
36	$\mathcal{O}(0; \{18, 12^4, 9, 6, 3\})$	3072
36	$\mathcal{O}(0; \{18^2, 9^2, 4^2, 3^2, 2\})$	1296
36	$\mathcal{O}(0; \{18^2, 9^2, 6, 4^2, 2^2\})$	648
36	$\mathcal{O}(0; \{18^2, 12, 9^2, 4, 3, 2^2\})$	1296
36	$\mathcal{O}(0; \{18^2, 12, 9^2, 6^2, 4\})$	2592
36	$\mathcal{O}(0; \{18^2, 12^2, 9^2, 2^3\})$	1296
36	$\mathcal{O}(0; \{18^2, 12^2, 9^2, 4^2\})$	5184
36	$\mathcal{O}(0; \{18^2, 12^2, 9^2, 6, 3\})$	5184
36	$\mathcal{O}(0; \{18^3, 4^2, 3, 2^4\})$	72
36	$\mathcal{O}(0; \{18^3, 4^2, 3^4\})$	576
36	$\mathcal{O}(0; \{18^3, 4^4, 3, 2\})$	288
36	$\mathcal{O}(0; \{18^3, 6, 4^2, 3^2, 2\})$	288
36	$\mathcal{O}(0; \{18^3, 6^2, 4^2, 2^2\})$	144
36	$\mathcal{O}(0; \{18^3, 9^3, 4^2\})$	10692
36	$\mathcal{O}(0; \{18^3, 12, 4, 2^5\})$	72
36	$\mathcal{O}(0; \{18^3, 12, 4, 3^3, 2\})$	576
36	$\mathcal{O}(0; \{18^3, 12, 4^3, 2^2\})$	288
36	$\mathcal{O}(0; \{18^3, 12, 6, 4, 3, 2^2\})$	288
36	$\mathcal{O}(0; \{18^3, 12, 6^3, 4\})$	576
36	$\mathcal{O}(0; \{18^3, 12^2, 3^2, 2^2\})$	576
36	$\mathcal{O}(0; \{18^3, 12^2, 6, 2^3\})$	288
36	$\mathcal{O}(0; \{18^3, 12^2, 6, 4^2\})$	1152
36	$\mathcal{O}(0; \{18^3, 12^2, 6^2, 3\})$	1152
36	$\mathcal{O}(0; \{18^3, 12^3, 4, 3\})$	2304
36	$\mathcal{O}(0; \{18^3, 12^4, 2\})$	2304
36	$\mathcal{O}(0; \{18^4, 9, 6, 4^2\})$	3240
36	$\mathcal{O}(0; \{18^4, 12, 9, 4, 3\})$	6480
36	$\mathcal{O}(0; \{18^4, 12^2, 9, 2\})$	6480
36	$\mathcal{O}(0; \{36, 9^2, 4, 2^7\})$	36
36	$\mathcal{O}(0; \{36, 9^2, 4, 3^3, 2^3\})$	288
36	$\mathcal{O}(0; \{36, 9^2, 4^3, 2^4\})$	144
36	$\mathcal{O}(0; \{36, 9^2, 4^3, 3^3\})$	1152
36	$\mathcal{O}(0; \{36, 9^2, 4^5, 2\})$	576
36	$\mathcal{O}(0; \{36, 9^2, 6, 4, 3, 2^4\})$	144
36	$\mathcal{O}(0; \{36, 9^2, 6, 4, 3^4\})$	1152

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36, 9^2, 6, 4^3, 3, 2\})$	576
36	$\mathcal{O}(0; \{36, 9^2, 6^2, 4, 3^2, 2\})$	576
36	$\mathcal{O}(0; \{36, 9^2, 6^3, 4, 2^2\})$	288
36	$\mathcal{O}(0; \{36, 9^5, 6, 4\})$	21384
36	$\mathcal{O}(0; \{36, 12, 9^2, 3^2, 2^4\})$	288
36	$\mathcal{O}(0; \{36, 12, 9^2, 3^5\})$	2304
36	$\mathcal{O}(0; \{36, 12, 9^2, 4^2, 3^2, 2\})$	1152
36	$\mathcal{O}(0; \{36, 12, 9^2, 6, 2^5\})$	144
36	$\mathcal{O}(0; \{36, 12, 9^2, 6, 3^3, 2\})$	1152
36	$\mathcal{O}(0; \{36, 12, 9^2, 6, 4^2, 2^2\})$	576
36	$\mathcal{O}(0; \{36, 12, 9^2, 6^2, 3, 2^2\})$	576
36	$\mathcal{O}(0; \{36, 12, 9^2, 6^4\})$	1152
36	$\mathcal{O}(0; \{36, 12, 9^5, 3\})$	42768
36	$\mathcal{O}(0; \{36, 12^2, 9^2, 4, 3, 2^2\})$	1152
36	$\mathcal{O}(0; \{36, 12^2, 9^2, 6^2, 4\})$	2304
36	$\mathcal{O}(0; \{36, 12^3, 9^2, 2^3\})$	1152
36	$\mathcal{O}(0; \{36, 12^3, 9^2, 4^2\})$	4608
36	$\mathcal{O}(0; \{36, 12^3, 9^2, 6, 3\})$	4608
36	$\mathcal{O}(0; \{36, 18, 4, 3^2, 2^6\})$	48
36	$\mathcal{O}(0; \{36, 18, 4, 3^5, 2^2\})$	384
36	$\mathcal{O}(0; \{36, 18, 4^3, 3^2, 2^3\})$	192
36	$\mathcal{O}(0; \{36, 18, 4^5, 3^2\})$	768
36	$\mathcal{O}(0; \{36, 18, 6, 4, 2^7\})$	24
36	$\mathcal{O}(0; \{36, 18, 6, 4, 3^3, 2^3\})$	192
36	$\mathcal{O}(0; \{36, 18, 6, 4^3, 2^4\})$	96
36	$\mathcal{O}(0; \{36, 18, 6, 4^3, 3^3\})$	768
36	$\mathcal{O}(0; \{36, 18, 6, 4^5, 2\})$	384
36	$\mathcal{O}(0; \{36, 18, 6^2, 4, 3, 2^4\})$	96
36	$\mathcal{O}(0; \{36, 18, 6^2, 4, 3^4\})$	768
36	$\mathcal{O}(0; \{36, 18, 6^2, 4^3, 3, 2\})$	384
36	$\mathcal{O}(0; \{36, 18, 6^3, 4, 3^2, 2\})$	384
36	$\mathcal{O}(0; \{36, 18, 6^4, 4, 2^2\})$	192
36	$\mathcal{O}(0; \{36, 18, 9^3, 4, 3, 2^2\})$	3240
36	$\mathcal{O}(0; \{36, 18, 9^3, 6^2, 4\})$	6480
36	$\mathcal{O}(0; \{36, 18, 12, 3, 2^7\})$	48
36	$\mathcal{O}(0; \{36, 18, 12, 3^4, 2^3\})$	384
36	$\mathcal{O}(0; \{36, 18, 12, 4^2, 3, 2^4\})$	192
36	$\mathcal{O}(0; \{36, 18, 12, 4^2, 3^4\})$	1536
36	$\mathcal{O}(0; \{36, 18, 12, 4^4, 3, 2\})$	768
36	$\mathcal{O}(0; \{36, 18, 12, 6, 3^2, 2^4\})$	192
36	$\mathcal{O}(0; \{36, 18, 12, 6, 3^5\})$	1536
36	$\mathcal{O}(0; \{36, 18, 12, 6, 4^2, 3^2, 2\})$	768
36	$\mathcal{O}(0; \{36, 18, 12, 6^2, 2^5\})$	96

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36, 18, 12, 6^2, 3^3, 2\})$	768
36	$\mathcal{O}(0; \{36, 18, 12, 6^2, 4^2, 2^2\})$	384
36	$\mathcal{O}(0; \{36, 18, 12, 6^3, 3, 2^2\})$	384
36	$\mathcal{O}(0; \{36, 18, 12, 6^5\})$	768
36	$\mathcal{O}(0; \{36, 18, 12, 9^3, 2^3\})$	3240
36	$\mathcal{O}(0; \{36, 18, 12, 9^3, 4^2\})$	12960
36	$\mathcal{O}(0; \{36, 18, 12, 9^3, 6, 3\})$	12960
36	$\mathcal{O}(0; \{36, 18, 12^2, 4, 2^5\})$	192
36	$\mathcal{O}(0; \{36, 18, 12^2, 4, 3^3, 2\})$	1536
36	$\mathcal{O}(0; \{36, 18, 12^2, 4^3, 2^2\})$	768
36	$\mathcal{O}(0; \{36, 18, 12^2, 6, 4, 3, 2^2\})$	768
36	$\mathcal{O}(0; \{36, 18, 12^2, 6^3, 4\})$	1536
36	$\mathcal{O}(0; \{36, 18, 12^3, 3^2, 2^2\})$	1536
36	$\mathcal{O}(0; \{36, 18, 12^3, 6, 2^3\})$	768
36	$\mathcal{O}(0; \{36, 18, 12^3, 6, 4^2\})$	3072
36	$\mathcal{O}(0; \{36, 18, 12^3, 6^2, 3\})$	3072
36	$\mathcal{O}(0; \{36, 18, 12^4, 4, 3\})$	6144
36	$\mathcal{O}(0; \{36, 18, 12^5, 2\})$	6144
36	$\mathcal{O}(0; \{36, 18^2, 9, 4, 2^5\})$	324
36	$\mathcal{O}(0; \{36, 18^2, 9, 4, 3^3, 2\})$	2592
36	$\mathcal{O}(0; \{36, 18^2, 9, 4^3, 2^2\})$	1296
36	$\mathcal{O}(0; \{36, 18^2, 9, 6, 4, 3, 2^2\})$	1296
36	$\mathcal{O}(0; \{36, 18^2, 9, 6^3, 4\})$	2592
36	$\mathcal{O}(0; \{36, 18^2, 12, 9, 3^2, 2^2\})$	2592
36	$\mathcal{O}(0; \{36, 18^2, 12, 9, 6, 2^3\})$	1296
36	$\mathcal{O}(0; \{36, 18^2, 12, 9, 6, 4^2\})$	5184
36	$\mathcal{O}(0; \{36, 18^2, 12, 9, 6^2, 3\})$	5184
36	$\mathcal{O}(0; \{36, 18^2, 12^2, 9, 4, 3\})$	10368
36	$\mathcal{O}(0; \{36, 18^2, 12^3, 9, 2\})$	10368
36	$\mathcal{O}(0; \{36, 18^3, 9^2, 4, 3\})$	21384
36	$\mathcal{O}(0; \{36, 18^3, 12, 9^2, 2\})$	21384
36	$\mathcal{O}(0; \{36, 18^4, 4, 2^3\})$	1620
36	$\mathcal{O}(0; \{36, 18^4, 4^3\})$	6480
36	$\mathcal{O}(0; \{36, 18^4, 6, 4, 3\})$	6480
36	$\mathcal{O}(0; \{36, 18^4, 12, 3^2\})$	12960
36	$\mathcal{O}(0; \{36, 18^4, 12, 6, 2\})$	6480
36	$\mathcal{O}(0; \{36^2, 9, 3, 2^7\})$	72
36	$\mathcal{O}(0; \{36^2, 9, 3^4, 2^3\})$	576
36	$\mathcal{O}(0; \{36^2, 9, 4^2, 3, 2^4\})$	288
36	$\mathcal{O}(0; \{36^2, 9, 4^2, 3^4\})$	2304
36	$\mathcal{O}(0; \{36^2, 9, 4^4, 3, 2\})$	1152
36	$\mathcal{O}(0; \{36^2, 9, 6, 3^2, 2^4\})$	288
36	$\mathcal{O}(0; \{36^2, 9, 6, 3^5\})$	2304

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36^2, 9, 6, 4^2, 3^2, 2\})$	1152
36	$\mathcal{O}(0; \{36^2, 9, 6^2, 2^5\})$	144
36	$\mathcal{O}(0; \{36^2, 9, 6^2, 3^3, 2\})$	1152
36	$\mathcal{O}(0; \{36^2, 9, 6^2, 4^2, 2^2\})$	576
36	$\mathcal{O}(0; \{36^2, 9, 6^3, 3, 2^2\})$	576
36	$\mathcal{O}(0; \{36^2, 9, 6^5\})$	1152
36	$\mathcal{O}(0; \{36^2, 9^4, 2^3\})$	10692
36	$\mathcal{O}(0; \{36^2, 9^4, 4^2\})$	42768
36	$\mathcal{O}(0; \{36^2, 9^4, 6, 3\})$	42768
36	$\mathcal{O}(0; \{36^2, 12, 9, 4, 2^5\})$	288
36	$\mathcal{O}(0; \{36^2, 12, 9, 4, 3^3, 2\})$	2304
36	$\mathcal{O}(0; \{36^2, 12, 9, 4^3, 2^2\})$	1152
36	$\mathcal{O}(0; \{36^2, 12, 9, 6, 4, 3, 2^2\})$	1152
36	$\mathcal{O}(0; \{36^2, 12, 9, 6^3, 4\})$	2304
36	$\mathcal{O}(0; \{36^2, 12^2, 9, 3^2, 2^2\})$	2304
36	$\mathcal{O}(0; \{36^2, 12^2, 9, 6, 2^3\})$	1152
36	$\mathcal{O}(0; \{36^2, 12^2, 9, 6, 4^2\})$	4608
36	$\mathcal{O}(0; \{36^2, 12^2, 9, 6^2, 3\})$	4608
36	$\mathcal{O}(0; \{36^2, 12^3, 9, 4, 3\})$	9216
36	$\mathcal{O}(0; \{36^2, 12^4, 9, 2\})$	9216
36	$\mathcal{O}(0; \{36^2, 18, 9^2, 3^2, 2^2\})$	6480
36	$\mathcal{O}(0; \{36^2, 18, 9^2, 6, 2^3\})$	3240
36	$\mathcal{O}(0; \{36^2, 18, 9^2, 6, 4^2\})$	12960
36	$\mathcal{O}(0; \{36^2, 18, 9^2, 6^2, 3\})$	12960
36	$\mathcal{O}(0; \{36^2, 18, 12, 9^2, 4, 3\})$	25920
36	$\mathcal{O}(0; \{36^2, 18, 12^2, 9^2, 2\})$	25920
36	$\mathcal{O}(0; \{36^2, 18^2, 3, 2^5\})$	648
36	$\mathcal{O}(0; \{36^2, 18^2, 3^4, 2\})$	5184
36	$\mathcal{O}(0; \{36^2, 18^2, 4^2, 3, 2^2\})$	2592
36	$\mathcal{O}(0; \{36^2, 18^2, 6, 3^2, 2^2\})$	2592
36	$\mathcal{O}(0; \{36^2, 18^2, 6^2, 2^3\})$	1296
36	$\mathcal{O}(0; \{36^2, 18^2, 6^2, 4^2\})$	5184
36	$\mathcal{O}(0; \{36^2, 18^2, 6^3, 3\})$	5184
36	$\mathcal{O}(0; \{36^2, 18^2, 9^3, 2\})$	61236
36	$\mathcal{O}(0; \{36^2, 18^2, 12, 4, 2^3\})$	2592
36	$\mathcal{O}(0; \{36^2, 18^2, 12, 4^3\})$	10368
36	$\mathcal{O}(0; \{36^2, 18^2, 12, 6, 4, 3\})$	10368
36	$\mathcal{O}(0; \{36^2, 18^2, 12^2, 3^2\})$	20736
36	$\mathcal{O}(0; \{36^2, 18^2, 12^2, 6, 2\})$	10368
36	$\mathcal{O}(0; \{36^2, 18^3, 9, 3^2\})$	42768
36	$\mathcal{O}(0; \{36^2, 18^3, 9, 6, 2\})$	21384
36	$\mathcal{O}(0; \{36^3, 4, 3^2, 2^4\})$	576
36	$\mathcal{O}(0; \{36^3, 4, 3^5\})$	4608

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36^3, 4^3, 3^2, 2\})$	2304
36	$\mathcal{O}(0; \{36^3, 6, 4, 2^5\})$	288
36	$\mathcal{O}(0; \{36^3, 6, 4, 3^3, 2\})$	2304
36	$\mathcal{O}(0; \{36^3, 6, 4^3, 2^2\})$	1152
36	$\mathcal{O}(0; \{36^3, 6^2, 4, 3, 2^2\})$	1152
36	$\mathcal{O}(0; \{36^3, 6^4, 4\})$	2304
36	$\mathcal{O}(0; \{36^3, 9^3, 4, 3\})$	85536
36	$\mathcal{O}(0; \{36^3, 12, 3, 2^5\})$	576
36	$\mathcal{O}(0; \{36^3, 12, 3^4, 2\})$	4608
36	$\mathcal{O}(0; \{36^3, 12, 4^2, 3, 2^2\})$	2304
36	$\mathcal{O}(0; \{36^3, 12, 6, 3^2, 2^2\})$	2304
36	$\mathcal{O}(0; \{36^3, 12, 6^2, 2^3\})$	1152
36	$\mathcal{O}(0; \{36^3, 12, 6^2, 4^2\})$	4608
36	$\mathcal{O}(0; \{36^3, 12, 6^3, 3\})$	4608
36	$\mathcal{O}(0; \{36^3, 12, 9^3, 2\})$	85536
36	$\mathcal{O}(0; \{36^3, 12^2, 4, 2^3\})$	2304
36	$\mathcal{O}(0; \{36^3, 12^2, 4^3\})$	9216
36	$\mathcal{O}(0; \{36^3, 12^2, 6, 4, 3\})$	9216
36	$\mathcal{O}(0; \{36^3, 12^3, 3^2\})$	18432
36	$\mathcal{O}(0; \{36^3, 12^3, 6, 2\})$	9216
36	$\mathcal{O}(0; \{36^3, 18, 9, 4, 2^3\})$	6480
36	$\mathcal{O}(0; \{36^3, 18, 9, 4^3\})$	25920
36	$\mathcal{O}(0; \{36^3, 18, 9, 6, 4, 3\})$	25920
36	$\mathcal{O}(0; \{36^3, 18, 12, 9, 3^2\})$	51840
36	$\mathcal{O}(0; \{36^3, 18, 12, 9, 6, 2\})$	25920
36	$\mathcal{O}(0; \{36^3, 18^3, 4, 2\})$	42768
36	$\mathcal{O}(0; \{36^4, 9^2, 3^2\})$	171072
36	$\mathcal{O}(0; \{36^4, 9^2, 6, 2\})$	85536
36	$\mathcal{O}(0; \{36^4, 18, 3, 2^3\})$	12960
36	$\mathcal{O}(0; \{36^4, 18, 4^2, 3\})$	51840
36	$\mathcal{O}(0; \{36^4, 18, 6, 3^2\})$	51840
36	$\mathcal{O}(0; \{36^4, 18, 6^2, 2\})$	25920
36	$\mathcal{O}(0; \{36^4, 18, 12, 4, 2\})$	51840
36	$\mathcal{O}(0; \{36^3, 9, 4, 2\})$	171072
36	$\mathcal{O}(0; \{36^6, 3, 2\})$	342144
37	$\mathcal{O}(1; \{37^5\})$	2237247180
38	$\mathcal{O}(1; \{19^5\})$	107704350
38	$\mathcal{O}(0; \{19^3, 2^4\})$	99450
38	$\mathcal{O}(0; \{38^2, 19^4, 2^2\})$	1790118
38	$\mathcal{O}(0; \{38^4, 19^3\})$	32222106
39	$\mathcal{O}(2; \{39^2, 3\})$	55522584
39	$\mathcal{O}(1; \{13^5\})$	25877280
39	$\mathcal{O}(1; \{39^2, 3^4\})$	401544

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
39	$\mathcal{O}(0; \{13^5, 3^3\})$	38280
39	$\mathcal{O}(0; \{39^2, 3^7\})$	2040
39	$\mathcal{O}(0; \{39^3, 13^4\})$	5512584
40	$\mathcal{O}(2; \{4^2, 2^2\})$	4792320
40	$\mathcal{O}(2; \{8^2, 4\})$	20447232
40	$\mathcal{O}(2; \{20, 5, 4\})$	19200000
40	$\mathcal{O}(1; \{4^2, 2^6\})$	2304
40	$\mathcal{O}(1; \{4^4, 2^3\})$	9216
40	$\mathcal{O}(1; \{4^6\})$	36864
40	$\mathcal{O}(1; \{8^2, 4, 2^4\})$	12288
40	$\mathcal{O}(1; \{8^2, 4^3, 2\})$	49152
40	$\mathcal{O}(1; \{8^4, 2^2\})$	98304
40	$\mathcal{O}(1; \{10, 5^2, 4^2, 2\})$	28800
40	$\mathcal{O}(1; \{20, 5, 4, 2^4\})$	9600
40	$\mathcal{O}(1; \{20, 5, 4^3, 2\})$	38400
40	$\mathcal{O}(1; \{20, 8^2, 5, 2^2\})$	51200
40	$\mathcal{O}(1; \{20, 10^2, 4, 2^2\})$	28800
40	$\mathcal{O}(1; \{20, 10^2, 8^2\})$	153600
40	$\mathcal{O}(1; \{20^2, 5^2, 2^2\})$	124800
40	$\mathcal{O}(1; \{20^2, 10^2, 5\})$	489600
40	$\mathcal{O}(1; \{20^3, 10, 4\})$	499200
40	$\mathcal{O}(1; \{40, 10, 8, 4, 2^2\})$	51200
40	$\mathcal{O}(1; \{40, 10, 8^3\})$	409600
40	$\mathcal{O}(1; \{40, 20, 10, 8, 5\})$	665600
40	$\mathcal{O}(1; \{40, 20^2, 8, 4\})$	614400
40	$\mathcal{O}(1; \{40^2, 5, 4, 2^2\})$	153600
40	$\mathcal{O}(1; \{40^2, 8^2, 5\})$	1228800
40	$\mathcal{O}(1; \{40^2, 10^2, 4\})$	665600
40	$\mathcal{O}(1; \{40^2, 20, 5^2\})$	2611200
40	$\mathcal{O}(0; \{8^2, 5^5, 4\})$	1632
40	$\mathcal{O}(0; \{10, 8^2, 5^2, 4, 2^3\})$	96
40	$\mathcal{O}(0; \{10, 8^2, 5^2, 4^3\})$	384
40	$\mathcal{O}(0; \{10, 8^4, 5^2, 2\})$	768
40	$\mathcal{O}(0; \{10^3, 8^2, 5, 4, 2\})$	416
40	$\mathcal{O}(0; \{20, 8^2, 5, 2^6\})$	32
40	$\mathcal{O}(0; \{20, 8^2, 5, 4^2, 2^3\})$	128
40	$\mathcal{O}(0; \{20, 8^2, 5, 4^4\})$	512
40	$\mathcal{O}(0; \{20, 8^4, 5, 4, 2\})$	1024
40	$\mathcal{O}(0; \{20, 10, 8^2, 5^3, 2\})$	1632
40	$\mathcal{O}(0; \{20, 10^2, 8^2, 2^4\})$	96
40	$\mathcal{O}(0; \{20, 10^2, 8^2, 4^2, 2\})$	384
40	$\mathcal{O}(0; \{20^2, 8^2, 5^2, 4, 2\})$	1664
40	$\mathcal{O}(0; \{20^3, 10, 8^2, 2^2\})$	1664

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
40	$\mathcal{O}(0; \{20^5, 8^2\})$	26112
40	$\mathcal{O}(0; \{40, 8, 5^3, 4, 2^3\})$	416
40	$\mathcal{O}(0; \{40, 8, 5^3, 4^3\})$	1664
40	$\mathcal{O}(0; \{40, 8^3, 5^3, 2\})$	3328
40	$\mathcal{O}(0; \{40, 10, 8, 4, 2^6\})$	32
40	$\mathcal{O}(0; \{40, 10, 8, 4^3, 2^3\})$	128
40	$\mathcal{O}(0; \{40, 10, 8, 4^5\})$	512
40	$\mathcal{O}(0; \{40, 10, 8^3, 2^4\})$	256
40	$\mathcal{O}(0; \{40, 10, 8^3, 4^2, 2\})$	1024
40	$\mathcal{O}(0; \{40, 10^2, 8, 5^2, 4, 2\})$	1632
40	$\mathcal{O}(0; \{40, 20, 8, 5^4, 2\})$	6560
40	$\mathcal{O}(0; \{40, 20, 10, 8, 5, 2^4\})$	416
40	$\mathcal{O}(0; \{40, 20, 10, 8, 5, 4^2, 2\})$	1664
40	$\mathcal{O}(0; \{40, 20, 10^3, 8, 2^2\})$	1632
40	$\mathcal{O}(0; \{40, 20^2, 8, 4, 2^4\})$	384
40	$\mathcal{O}(0; \{40, 20^2, 8, 4^3, 2\})$	1536
40	$\mathcal{O}(0; \{40, 20^2, 8^3, 2^2\})$	3072
40	$\mathcal{O}(0; \{40, 20^3, 8, 5, 2^2\})$	6528
40	$\mathcal{O}(0; \{40, 20^3, 10^2, 8\})$	26240
40	$\mathcal{O}(0; \{40^2, 5, 4, 2^6\})$	96
40	$\mathcal{O}(0; \{40^2, 5, 4^3, 2^3\})$	384
40	$\mathcal{O}(0; \{40^2, 5, 4^5\})$	1536
40	$\mathcal{O}(0; \{40^2, 8^2, 5, 2^4\})$	768
40	$\mathcal{O}(0; \{40^2, 8^2, 5, 4^2, 2\})$	3072
40	$\mathcal{O}(0; \{40^2, 10, 5^3, 4, 2\})$	6560
40	$\mathcal{O}(0; \{40^2, 10^2, 4, 2^4\})$	416
40	$\mathcal{O}(0; \{40^2, 10^2, 4^3, 2\})$	1664
40	$\mathcal{O}(0; \{40^2, 10^2, 8^2, 2^2\})$	3328
40	$\mathcal{O}(0; \{40^2, 20, 5^2, 2^4\})$	1632
40	$\mathcal{O}(0; \{40^2, 20, 5^2, 4^2, 2\})$	6528
40	$\mathcal{O}(0; \{40^2, 20, 10^2, 5, 2^2\})$	6560
40	$\mathcal{O}(0; \{40^2, 20, 10^4\})$	26208
40	$\mathcal{O}(0; \{40^2, 20^2, 10, 4, 2^2\})$	6528
40	$\mathcal{O}(0; \{40^2, 20^2, 10, 8^2\})$	52224
40	$\mathcal{O}(0; \{40^2, 20^3, 10, 5\})$	104832
40	$\mathcal{O}(0; \{40^2, 20^4, 4\})$	104960
40	$\mathcal{O}(0; \{40^3, 10, 8, 5, 2^2\})$	13056
40	$\mathcal{O}(0; \{40^3, 10^3, 8\})$	52480
40	$\mathcal{O}(0; \{40^3, 20, 8, 4, 2^2\})$	13312
40	$\mathcal{O}(0; \{40^3, 20, 8^3\})$	106496
40	$\mathcal{O}(0; \{40^3, 20^2, 8, 5\})$	209920
40	$\mathcal{O}(0; \{40^4, 5^2, 2^2\})$	52480
40	$\mathcal{O}(0; \{40^4, 10^2, 5\})$	209664

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
40	$\mathcal{O}(0; \{40^4, 20, 10, 4\})$	209920
40	$\mathcal{O}(0; \{40^5, 8, 4\})$	417792
42	$\mathcal{O}(2; \{14, 7, 2\})$	18439680
42	$\mathcal{O}(1; \{7^5\})$	1305360
42	$\mathcal{O}(1; \{14, 7, 2^5\})$	9408
42	$\mathcal{O}(1; \{14, 7, 3^3, 2\})$	21168
42	$\mathcal{O}(1; \{14, 7, 6, 3, 2^2\})$	21168
42	$\mathcal{O}(1; \{14, 7, 6^3\})$	21168
42	$\mathcal{O}(1; \{14^3, 2^3\})$	47040
42	$\mathcal{O}(1; \{14^3, 6, 3\})$	105840
42	$\mathcal{O}(1; \{21^2, 7^2, 3\})$	492156
42	$\mathcal{O}(1; \{21^3, 14, 2\})$	656208
42	$\mathcal{O}(1; \{42, 14, 7^2, 3\})$	656208
42	$\mathcal{O}(1; \{42, 21, 7, 2^3\})$	105840
42	$\mathcal{O}(1; \{42, 21, 7, 6, 3\})$	317520
42	$\mathcal{O}(1; \{42, 21, 14^2, 2\})$	656208
42	$\mathcal{O}(1; \{42^2, 3^2, 2^2\})$	63504
42	$\mathcal{O}(1; \{42^2, 6, 2^3\})$	21168
42	$\mathcal{O}(1; \{42^2, 6^2, 3\})$	105840
42	$\mathcal{O}(1; \{42^3, 7, 2\})$	656208
42	$\mathcal{O}(0; \{7^5, 6, 3, 2\})$	2220
42	$\mathcal{O}(0; \{14, 7, 3^3, 2^5\})$	12
42	$\mathcal{O}(0; \{14, 7, 3^6, 2\})$	132
42	$\mathcal{O}(0; \{14, 7, 6, 3, 2^6\})$	12
42	$\mathcal{O}(0; \{14, 7, 6, 3^4, 2^2\})$	60
42	$\mathcal{O}(0; \{14, 7, 6^2, 3^2, 2^3\})$	36
42	$\mathcal{O}(0; \{14, 7, 6^3, 2^4\})$	12
42	$\mathcal{O}(0; \{14, 7, 6^3, 3^3\})$	132
42	$\mathcal{O}(0; \{14, 7, 6^4, 3, 2\})$	60
42	$\mathcal{O}(0; \{14^3, 3^3, 2^3\})$	60
42	$\mathcal{O}(0; \{14^3, 6, 3, 2^4\})$	60
42	$\mathcal{O}(0; \{14^3, 6, 3^4\})$	300
42	$\mathcal{O}(0; \{14^3, 6^2, 3^2, 2\})$	180
42	$\mathcal{O}(0; \{14^3, 6^3, 2^2\})$	60
42	$\mathcal{O}(0; \{21, 14, 7^3, 3^2, 2\})$	2220
42	$\mathcal{O}(0; \{21, 14, 7^3, 6, 2^2\})$	2220
42	$\mathcal{O}(0; \{21, 14^3, 7^2, 6\})$	13332
42	$\mathcal{O}(0; \{21^2, 7^2, 3, 2^4\})$	372
42	$\mathcal{O}(0; \{21^2, 7^2, 6, 3^2, 2\})$	1860
42	$\mathcal{O}(0; \{21^2, 7^2, 6^2, 2^2\})$	1116
42	$\mathcal{O}(0; \{21^2, 14^2, 7, 3, 2^2\})$	2220
42	$\mathcal{O}(0; \{21^2, 14^2, 7, 6^2\})$	6660
42	$\mathcal{O}(0; \{21^2, 14^4, 3\})$	13332

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(0; \{21^3, 14, 2^5\})$	372
42	$\mathcal{O}(0; \{21^3, 14, 3^3, 2\})$	4092
42	$\mathcal{O}(0; \{21^3, 14, 6, 3, 2^2\})$	1860
42	$\mathcal{O}(0; \{21^3, 14, 6^3\})$	4092
42	$\mathcal{O}(0; \{42, 14, 7^2, 3, 2^4\})$	372
42	$\mathcal{O}(0; \{42, 14, 7^2, 3^4\})$	1860
42	$\mathcal{O}(0; \{42, 14, 7^2, 6, 3^2, 2\})$	1116
42	$\mathcal{O}(0; \{42, 14, 7^2, 6^2, 2^2\})$	372
42	$\mathcal{O}(0; \{42, 14^3, 7, 3, 2^2\})$	2220
42	$\mathcal{O}(0; \{42, 14^3, 7, 6^2\})$	2220
42	$\mathcal{O}(0; \{42, 14^5, 3\})$	13332
42	$\mathcal{O}(0; \{42, 21, 7, 2^7\})$	60
42	$\mathcal{O}(0; \{42, 21, 7, 3^3, 2^3\})$	300
42	$\mathcal{O}(0; \{42, 21, 7, 6, 3, 2^4\})$	180
42	$\mathcal{O}(0; \{42, 21, 7, 6, 3^4\})$	1260
42	$\mathcal{O}(0; \{42, 21, 7, 6^2, 3^2, 2\})$	660
42	$\mathcal{O}(0; \{42, 21, 7, 6^3, 2^2\})$	300
42	$\mathcal{O}(0; \{42, 21, 14, 7^4\})$	79980
42	$\mathcal{O}(0; \{42, 21, 14^2, 2^5\})$	372
42	$\mathcal{O}(0; \{42, 21, 14^2, 3^3, 2\})$	1860
42	$\mathcal{O}(0; \{42, 21, 14^2, 6, 3, 2^2\})$	1116
42	$\mathcal{O}(0; \{42, 21, 14^2, 6^3\})$	1860
42	$\mathcal{O}(0; \{42, 21^2, 7^3, 6\})$	39996
42	$\mathcal{O}(0; \{42, 21^3, 14, 7, 3\})$	66660
42	$\mathcal{O}(0; \{42, 21^4, 2^3\})$	11100
42	$\mathcal{O}(0; \{42, 21^4, 6, 3\})$	46620
42	$\mathcal{O}(0; \{42^2, 3^2, 2^6\})$	36
42	$\mathcal{O}(0; \{42^2, 3^5, 2^2\})$	252
42	$\mathcal{O}(0; \{42^2, 6, 2^7\})$	12
42	$\mathcal{O}(0; \{42^2, 6, 3^3, 2^3\})$	132
42	$\mathcal{O}(0; \{42^2, 6^2, 3, 2^4\})$	60
42	$\mathcal{O}(0; \{42^2, 6^2, 3^4\})$	516
42	$\mathcal{O}(0; \{42^2, 6^3, 3^2, 2\})$	252
42	$\mathcal{O}(0; \{42^2, 6^4, 2^2\})$	132
42	$\mathcal{O}(0; \{42^2, 14, 7^3, 6\})$	13332
42	$\mathcal{O}(0; \{42^2, 21, 7^2, 3, 2^2\})$	6660
42	$\mathcal{O}(0; \{42^2, 21, 7^2, 6^2\})$	11100
42	$\mathcal{O}(0; \{42^2, 21, 14^2, 7, 3\})$	39996
42	$\mathcal{O}(0; \{42^2, 21^2, 14, 2^3\})$	6660
42	$\mathcal{O}(0; \{42^2, 21^2, 14, 6, 3\})$	24420
42	$\mathcal{O}(0; \{42^3, 7, 2^5\})$	372
42	$\mathcal{O}(0; \{42^3, 7, 3^3, 2\})$	4092
42	$\mathcal{O}(0; \{42^3, 7, 6, 3, 2^2\})$	1860

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(0; \{42^3, 7, 6^3\})$	4092
42	$\mathcal{O}(0; \{42^3, 14^2, 2^3\})$	2220
42	$\mathcal{O}(0; \{42^3, 14^2, 6, 3\})$	11100
42	$\mathcal{O}(0; \{42^3, 21^3, 2\})$	146652
42	$\mathcal{O}(0; \{42^4, 7^2, 3\})$	66660
42	$\mathcal{O}(0; \{42^4, 21, 14, 2\})$	66660
44	$\mathcal{O}(1; \{44, 22, 11, 4, 2\})$	348480
44	$\mathcal{O}(0; \{22, 11^4, 4^2\})$	18180
44	$\mathcal{O}(0; \{44, 22, 11, 4, 2^5\})$	180
44	$\mathcal{O}(0; \{44, 22, 11, 4^3, 2^2\})$	720
44	$\mathcal{O}(0; \{44, 22^3, 4, 2^3\})$	1820
44	$\mathcal{O}(0; \{44, 22^3, 4^3\})$	7280
44	$\mathcal{O}(0; \{44^2, 11^4, 2\})$	181820
44	$\mathcal{O}(0; \{44^3, 11, 4, 2^3\})$	7280
44	$\mathcal{O}(0; \{44^3, 11, 4^3\})$	29120
44	$\mathcal{O}(0; \{44^3, 22^2, 4, 2\})$	72720
45	$\mathcal{O}(3; \emptyset)$	8291844288
45	$\mathcal{O}(2; \{3^3\})$	8087040
45	$\mathcal{O}(1; \{3^6\})$	38016
45	$\mathcal{O}(1; \{5^5\})$	367200
45	$\mathcal{O}(1; \{9^3, 3^2\})$	139968
45	$\mathcal{O}(1; \{15, 5^3, 3\})$	187200
45	$\mathcal{O}(1; \{15^2, 5, 3^2\})$	129600
45	$\mathcal{O}(1; \{45, 9, 5, 3^2\})$	194400
45	$\mathcal{O}(0; \{15, 9^3, 5^3\})$	1872
45	$\mathcal{O}(0; \{15^2, 9^3, 5, 3\})$	1728
45	$\mathcal{O}(0; \{45, 9, 5, 3^5\})$	768
45	$\mathcal{O}(0; \{45, 9^4, 5, 3\})$	6480
45	$\mathcal{O}(0; \{45, 15, 9, 5^4\})$	9840
45	$\mathcal{O}(0; \{45, 15^2, 9, 5^2, 3\})$	9792
45	$\mathcal{O}(0; \{45, 15^3, 9, 3^2\})$	9984
45	$\mathcal{O}(0; \{45^2, 9^2, 5^2, 3\})$	16848
45	$\mathcal{O}(0; \{45^2, 15, 9^2, 3^2\})$	15552
45	$\mathcal{O}(0; \{45^3, 5^3, 3\})$	29520
45	$\mathcal{O}(0; \{45^3, 15, 5, 3^2\})$	29376
46	$\mathcal{O}(2; \{23^2\})$	92347530
46	$\mathcal{O}(1; \{23^2, 2^4\})$	46552
46	$\mathcal{O}(1; \{46^2, 23, 2^2\})$	977592
46	$\mathcal{O}(1; \{46^4\})$	21553576
46	$\mathcal{O}(0; \{23^2, 2^8\})$	22
46	$\mathcal{O}(0; \{46^2, 23, 2^6\})$	462
46	$\mathcal{O}(0; \{46^4, 2^4\})$	10186
48	$\mathcal{O}(2; \{8^2\})$	19660800

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(1; \{8^2, 2^4\})$	6144
48	$\mathcal{O}(1; \{8^2, 3^3\})$	13824
48	$\mathcal{O}(1; \{8^2, 4^2, 2\})$	24576
48	$\mathcal{O}(1; \{8^2, 6, 3, 2\})$	13824
48	$\mathcal{O}(1; \{16^2, 8, 2^2\})$	65536
48	$\mathcal{O}(1; \{16^4\})$	1048576
48	$\mathcal{O}(1; \{24, 8, 4, 3, 2\})$	27648
48	$\mathcal{O}(1; \{24, 12, 8, 2^2\})$	27648
48	$\mathcal{O}(1; \{24, 16^2, 12\})$	294912
48	$\mathcal{O}(1; \{24^2, 3^2, 2\})$	41472
48	$\mathcal{O}(1; \{24^2, 6, 2^2\})$	13824
48	$\mathcal{O}(1; \{24^2, 12^2\})$	165888
48	$\mathcal{O}(1; \{24^3, 8\})$	221184
48	$\mathcal{O}(1; \{48, 16, 3^2, 2\})$	36864
48	$\mathcal{O}(1; \{48, 16, 6, 2^2\})$	36864
48	$\mathcal{O}(1; \{48, 16, 12^2\})$	147456
48	$\mathcal{O}(1; \{48, 24, 16, 8\})$	589824
48	$\mathcal{O}(1; \{48^2, 12, 8\})$	294912
48	$\mathcal{O}(1; \{48^2, 24, 6\})$	442368
48	$\mathcal{O}(0; \{16^2, 8, 3^3, 2^2\})$	64
48	$\mathcal{O}(0; \{16^2, 8, 6, 3, 2^3\})$	64
48	$\mathcal{O}(0; \{16^2, 8, 6, 4^2, 3\})$	256
48	$\mathcal{O}(0; \{16^2, 8, 6^2, 3^2\})$	192
48	$\mathcal{O}(0; \{16^2, 8, 6^3, 2\})$	64
48	$\mathcal{O}(0; \{16^2, 12, 8, 4, 3^2\})$	256
48	$\mathcal{O}(0; \{16^2, 12, 8, 6, 4, 2\})$	256
48	$\mathcal{O}(0; \{16^2, 12^2, 8, 3, 2\})$	256
48	$\mathcal{O}(0; \{16^4, 3^3\})$	1024
48	$\mathcal{O}(0; \{16^4, 6, 3, 2\})$	1024
48	$\mathcal{O}(0; \{24, 16^2, 4, 3, 2^3\})$	128
48	$\mathcal{O}(0; \{24, 16^2, 4^3, 3\})$	512
48	$\mathcal{O}(0; \{24, 16^2, 6, 4, 3^2\})$	384
48	$\mathcal{O}(0; \{24, 16^2, 6^2, 4, 2\})$	128
48	$\mathcal{O}(0; \{24, 16^2, 8^2, 3, 2\})$	1024
48	$\mathcal{O}(0; \{24, 16^2, 12, 2^4\})$	128
48	$\mathcal{O}(0; \{24, 16^2, 12, 3^3\})$	640
48	$\mathcal{O}(0; \{24, 16^2, 12, 4^2, 2\})$	512
48	$\mathcal{O}(0; \{24, 16^2, 12, 6, 3, 2\})$	384
48	$\mathcal{O}(0; \{24^3, 16^2, 2^2\})$	1024
48	$\mathcal{O}(0; \{48, 16, 3^2, 2^5\})$	16
48	$\mathcal{O}(0; \{48, 16, 3^5, 2\})$	176
48	$\mathcal{O}(0; \{48, 16, 4^2, 3^2, 2^2\})$	64
48	$\mathcal{O}(0; \{48, 16, 6, 2^6\})$	16

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{48, 16, 6, 3^3, 2^2\})$	80
48	$\mathcal{O}(0; \{48, 16, 6, 4^2, 2^3\})$	64
48	$\mathcal{O}(0; \{48, 16, 6, 4^4\})$	256
48	$\mathcal{O}(0; \{48, 16, 6^2, 3, 2^3\})$	48
48	$\mathcal{O}(0; \{48, 16, 6^2, 4^2, 3\})$	192
48	$\mathcal{O}(0; \{48, 16, 6^3, 3^2\})$	176
48	$\mathcal{O}(0; \{48, 16, 6^4, 2\})$	80
48	$\mathcal{O}(0; \{48, 16, 8^2, 4, 3^2\})$	512
48	$\mathcal{O}(0; \{48, 16, 8^2, 6, 4, 2\})$	512
48	$\mathcal{O}(0; \{48, 16, 12, 4, 3, 2^3\})$	64
48	$\mathcal{O}(0; \{48, 16, 12, 4^3, 3\})$	256
48	$\mathcal{O}(0; \{48, 16, 12, 6, 4, 3^2\})$	320
48	$\mathcal{O}(0; \{48, 16, 12, 6^2, 4, 2\})$	192
48	$\mathcal{O}(0; \{48, 16, 12, 8^2, 3, 2\})$	512
48	$\mathcal{O}(0; \{48, 16, 12^2, 2^4\})$	64
48	$\mathcal{O}(0; \{48, 16, 12^2, 3^3\})$	704
48	$\mathcal{O}(0; \{48, 16, 12^2, 4^2, 2\})$	256
48	$\mathcal{O}(0; \{48, 16, 12^2, 6, 3, 2\})$	320
48	$\mathcal{O}(0; \{48, 24, 16, 8, 2^4\})$	256
48	$\mathcal{O}(0; \{48, 24, 16, 8, 3^3\})$	1280
48	$\mathcal{O}(0; \{48, 24, 16, 8, 4^2, 2\})$	1024
48	$\mathcal{O}(0; \{48, 24, 16, 8, 6, 3, 2\})$	768
48	$\mathcal{O}(0; \{48, 24, 16^3, 2^2\})$	4096
48	$\mathcal{O}(0; \{48, 24^2, 16, 4, 3, 2\})$	1536
48	$\mathcal{O}(0; \{48, 24^2, 16, 12, 2^2\})$	1536
48	$\mathcal{O}(0; \{48, 24^4, 16\})$	20480
48	$\mathcal{O}(0; \{48^2, 8, 4, 3, 2^3\})$	128
48	$\mathcal{O}(0; \{48^2, 8, 4^3, 3\})$	512
48	$\mathcal{O}(0; \{48^2, 8, 6, 4, 3^2\})$	640
48	$\mathcal{O}(0; \{48^2, 8, 6^2, 4, 2\})$	384
48	$\mathcal{O}(0; \{48^2, 8^3, 3, 2\})$	1024
48	$\mathcal{O}(0; \{48^2, 12, 8, 2^4\})$	128
48	$\mathcal{O}(0; \{48^2, 12, 8, 3^3\})$	1408
48	$\mathcal{O}(0; \{48^2, 12, 8, 4^2, 2\})$	512
48	$\mathcal{O}(0; \{48^2, 12, 8, 6, 3, 2\})$	640
48	$\mathcal{O}(0; \{48^2, 16^2, 4, 3, 2\})$	2048
48	$\mathcal{O}(0; \{48^2, 16^2, 12, 2^2\})$	2048
48	$\mathcal{O}(0; \{48^2, 24, 3^2, 2^3\})$	320
48	$\mathcal{O}(0; \{48^2, 24, 4^2, 3^2\})$	1280
48	$\mathcal{O}(0; \{48^2, 24, 6, 2^4\})$	192
48	$\mathcal{O}(0; \{48^2, 24, 6, 3^3\})$	1344
48	$\mathcal{O}(0; \{48^2, 24, 6, 4^2, 2\})$	768
48	$\mathcal{O}(0; \{48^2, 24, 6^2, 3, 2\})$	704

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{48^2, 24, 12, 4, 3, 2\})$	1280
48	$\mathcal{O}(0; \{48^2, 24, 12^2, 2^2\})$	1280
48	$\mathcal{O}(0; \{48^2, 24^2, 8, 2^2\})$	3072
48	$\mathcal{O}(0; \{48^2, 24^2, 16^2\})$	49152
48	$\mathcal{O}(0; \{48^2, 24^3, 12\})$	22528
48	$\mathcal{O}(0; \{48^3, 16, 8, 2^2\})$	4096
48	$\mathcal{O}(0; \{48^3, 16^3\})$	65536
48	$\mathcal{O}(0; \{48^3, 24, 16, 12\})$	40960
48	$\mathcal{O}(0; \{48^4, 3^2, 2\})$	11264
48	$\mathcal{O}(0; \{48^4, 6, 2^2\})$	5120
48	$\mathcal{O}(0; \{48^4, 12^2\})$	45056
48	$\mathcal{O}(0; \{48^4, 24, 8\})$	81920
49	$\mathcal{O}(1; \{49^2, 7^2\})$	3630312
50	$\mathcal{O}(2; \{5^2\})$	23400000
50	$\mathcal{O}(1; \{5^2, 2^4\})$	9600
50	$\mathcal{O}(1; \{10^2, 5, 2^2\})$	28800
50	$\mathcal{O}(1; \{10^4\})$	124800
50	$\mathcal{O}(0; \{50, 25^2, 10, 5, 2^2\})$	4800
50	$\mathcal{O}(0; \{50, 25^2, 10^3\})$	19200
50	$\mathcal{O}(0; \{50^3, 25, 10, 5\})$	104000
51	$\mathcal{O}(1; \{51, 17^2, 3\})$	1248480
51	$\mathcal{O}(0; \{51, 17^2, 3^4\})$	2400
51	$\mathcal{O}(0; \{51^4, 17, 3\})$	616800
52	$\mathcal{O}(1; \{52^2, 2^3\})$	64896
52	$\mathcal{O}(1; \{52^2, 4^2\})$	259584
52	$\mathcal{O}(0; \{52, 26, 13^3, 4\})$	38280
52	$\mathcal{O}(0; \{52^2, 2^7\})$	24
52	$\mathcal{O}(0; \{52^2, 4^2, 2^4\})$	96
52	$\mathcal{O}(0; \{52^2, 4^4, 2\})$	384
54	$\mathcal{O}(2; \{3^2\})$	15746400
54	$\mathcal{O}(1; \{3^2, 2^4\})$	5184
54	$\mathcal{O}(1; \{3^5\})$	19440
54	$\mathcal{O}(1; \{6, 3^3, 2\})$	15552
54	$\mathcal{O}(1; \{6^2, 3, 2^2\})$	5184
54	$\mathcal{O}(1; \{6^4\})$	15552
54	$\mathcal{O}(1; \{9^3, 3\})$	69984
54	$\mathcal{O}(1; \{18, 9, 2^3\})$	15552
54	$\mathcal{O}(1; \{18, 9, 6, 3\})$	62208
54	$\mathcal{O}(1; \{18^3, 2\})$	46656
54	$\mathcal{O}(1; \{54, 27, 9, 2\})$	314928
54	$\mathcal{O}(0; \{27^3, 18, 2^3\})$	972
54	$\mathcal{O}(0; \{27^3, 18, 6, 3\})$	3888
54	$\mathcal{O}(0; \{54, 27, 9, 2^5\})$	108

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
54	$\mathcal{O}(0; \{54, 27, 9, 3^3, 2\})$	864
54	$\mathcal{O}(0; \{54, 27, 9, 6, 3, 2^2\})$	432
54	$\mathcal{O}(0; \{54, 27, 9, 6^3\})$	864
54	$\mathcal{O}(0; \{54, 27, 18, 9^2, 3\})$	7776
54	$\mathcal{O}(0; \{54, 27, 18^2, 2^3\})$	648
54	$\mathcal{O}(0; \{54, 27, 18^2, 6, 3\})$	2592
54	$\mathcal{O}(0; \{54, 27^4, 2\})$	65610
54	$\mathcal{O}(0; \{54^2, 27^2, 18, 2\})$	26244
54	$\mathcal{O}(0; \{54^3, 9, 2^3\})$	972
54	$\mathcal{O}(0; \{54^3, 9, 6, 3\})$	3888
54	$\mathcal{O}(0; \{54^3, 18^2, 2\})$	5832
55	$\mathcal{O}(0; \{55^2, 11, 5^3\})$	18360
56	$\mathcal{O}(1; \{7^2, 4^2\})$	28224
56	$\mathcal{O}(1; \{56, 8, 7, 2\})$	75264
56	$\mathcal{O}(1; \{56^2, 4, 2\})$	150528
56	$\mathcal{O}(0; \{8^2, 7^2, 4, 2^2\})$	48
56	$\mathcal{O}(0; \{8^4, 7^2\})$	384
56	$\mathcal{O}(0; \{14^2, 8^2, 7, 4\})$	240
56	$\mathcal{O}(0; \{56, 8, 7, 2^5\})$	24
56	$\mathcal{O}(0; \{56, 8, 7, 4^2, 2^2\})$	96
56	$\mathcal{O}(0; \{56, 8^3, 7, 4\})$	768
56	$\mathcal{O}(0; \{56, 14^2, 8, 2^3\})$	120
56	$\mathcal{O}(0; \{56, 14^2, 8, 4^2\})$	480
56	$\mathcal{O}(0; \{56, 28^2, 14, 8, 2\})$	2976
56	$\mathcal{O}(0; \{56^2, 4, 2^5\})$	48
56	$\mathcal{O}(0; \{56^2, 4^3, 2^2\})$	192
56	$\mathcal{O}(0; \{56^2, 8^2, 2^3\})$	384
56	$\mathcal{O}(0; \{56^2, 8^2, 4^2\})$	1536
56	$\mathcal{O}(0; \{56^2, 28, 14, 7, 2\})$	8880
57	$\mathcal{O}(0; \{57, 19^3, 3^2\})$	11052
60	$\mathcal{O}(2; \{2^2\})$	11980800
60	$\mathcal{O}(1; \{2^6\})$	2304
60	$\mathcal{O}(1; \{3^3, 2^2\})$	5184
60	$\mathcal{O}(1; \{4^2, 2^3\})$	6144
60	$\mathcal{O}(1; \{4^4\})$	24576
60	$\mathcal{O}(1; \{6, 3, 2^3\})$	5184
60	$\mathcal{O}(1; \{6, 4^2, 3\})$	13824
60	$\mathcal{O}(1; \{6^2, 3^2\})$	15552
60	$\mathcal{O}(1; \{6^3, 2\})$	5184
60	$\mathcal{O}(1; \{10, 5^2, 2\})$	28800
60	$\mathcal{O}(1; \{12, 4, 3^2\})$	13824
60	$\mathcal{O}(1; \{12, 6, 4, 2\})$	13824
60	$\mathcal{O}(1; \{12^2, 3, 2\})$	13824

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(1; \{15, 10, 3, 2\})$	21600
60	$\mathcal{O}(1; \{20, 5, 4, 2\})$	25600
60	$\mathcal{O}(0; \{12, 10, 6, 5^2, 4\})$	48
60	$\mathcal{O}(0; \{12^2, 10, 5^2, 3\})$	48
60	$\mathcal{O}(0; \{15, 10, 4^2, 3, 2^2\})$	16
60	$\mathcal{O}(0; \{15, 10, 6^2, 4^2\})$	16
60	$\mathcal{O}(0; \{15, 12, 5^3, 4\})$	208
60	$\mathcal{O}(0; \{15, 12, 10, 4, 2^3\})$	16
60	$\mathcal{O}(0; \{15, 12, 10, 4^3\})$	64
60	$\mathcal{O}(0; \{15, 12, 10, 6, 4, 3\})$	48
60	$\mathcal{O}(0; \{15, 12^2, 10, 3^2\})$	80
60	$\mathcal{O}(0; \{15, 12^2, 10, 6, 2\})$	48
60	$\mathcal{O}(0; \{15^2, 6, 5, 4^2\})$	48
60	$\mathcal{O}(0; \{15^2, 12, 5, 4, 3\})$	144
60	$\mathcal{O}(0; \{15^2, 12^2, 5, 2\})$	144
60	$\mathcal{O}(0; \{20, 5, 4, 3^3, 2\})$	16
60	$\mathcal{O}(0; \{20, 6, 5, 4, 3, 2^2\})$	16
60	$\mathcal{O}(0; \{20, 6^3, 5, 4\})$	16
60	$\mathcal{O}(0; \{20, 10^2, 6, 4, 3\})$	48
60	$\mathcal{O}(0; \{20, 12, 5, 3^2, 2^2\})$	16
60	$\mathcal{O}(0; \{20, 12, 6, 5, 2^3\})$	16
60	$\mathcal{O}(0; \{20, 12, 6, 5, 4^2\})$	64
60	$\mathcal{O}(0; \{20, 12, 6^2, 5, 3\})$	48
60	$\mathcal{O}(0; \{20, 12, 10^2, 3^2\})$	48
60	$\mathcal{O}(0; \{20, 12, 10^2, 6, 2\})$	48
60	$\mathcal{O}(0; \{20, 12^2, 5, 4, 3\})$	64
60	$\mathcal{O}(0; \{20, 12^3, 5, 2\})$	64
60	$\mathcal{O}(0; \{20, 15, 10, 5, 4, 3\})$	208
60	$\mathcal{O}(0; \{20, 15, 12, 10, 5, 2\})$	208
60	$\mathcal{O}(0; \{20, 15^3, 4, 2\})$	208
60	$\mathcal{O}(0; \{20^2, 6, 5^2, 3\})$	208
60	$\mathcal{O}(0; \{20^2, 15, 3, 2^3\})$	48
60	$\mathcal{O}(0; \{20^2, 15, 4^2, 3\})$	192
60	$\mathcal{O}(0; \{20^2, 15, 6, 3^2\})$	144
60	$\mathcal{O}(0; \{20^2, 15, 6^2, 2\})$	48
60	$\mathcal{O}(0; \{20^2, 15, 12, 4, 2\})$	192
60	$\mathcal{O}(0; \{30, 10, 6, 5, 4^2\})$	48
60	$\mathcal{O}(0; \{30, 12, 10, 5, 4, 3\})$	48
60	$\mathcal{O}(0; \{30, 12^2, 10, 5, 2\})$	48
60	$\mathcal{O}(0; \{30, 15, 5^2, 4^2\})$	208
60	$\mathcal{O}(0; \{30, 15^2, 4^2, 3\})$	144
60	$\mathcal{O}(0; \{30, 15^2, 12, 4, 2\})$	144
60	$\mathcal{O}(0; \{30, 20, 4, 3^2, 2^2\})$	16

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{30, 20, 6, 4, 2^3\})$	16
60	$\mathcal{O}(0; \{30, 20, 6, 4^3\})$	64
60	$\mathcal{O}(0; \{30, 20, 6^2, 4, 3\})$	48
60	$\mathcal{O}(0; \{30, 20, 12, 3, 2^3\})$	16
60	$\mathcal{O}(0; \{30, 20, 12, 4^2, 3\})$	64
60	$\mathcal{O}(0; \{30, 20, 12, 6, 3^2\})$	80
60	$\mathcal{O}(0; \{30, 20, 12, 6^2, 2\})$	48
60	$\mathcal{O}(0; \{30, 20, 12^2, 4, 2\})$	64
60	$\mathcal{O}(0; \{30, 20, 15, 10, 4, 2\})$	208
60	$\mathcal{O}(0; \{30, 20^2, 5, 3^2\})$	208
60	$\mathcal{O}(0; \{30, 20^2, 6, 5, 2\})$	208
60	$\mathcal{O}(0; \{30^2, 10, 4^2, 3\})$	48
60	$\mathcal{O}(0; \{30^2, 12, 10, 4, 2\})$	48
60	$\mathcal{O}(0; \{30^2, 20^2, 3, 2\})$	208
60	$\mathcal{O}(0; \{60, 5^2, 4, 3, 2^2\})$	48
60	$\mathcal{O}(0; \{60, 6^2, 5^2, 4\})$	48
60	$\mathcal{O}(0; \{60, 10^2, 5, 4, 3\})$	208
60	$\mathcal{O}(0; \{60, 12, 5^2, 2^3\})$	48
60	$\mathcal{O}(0; \{60, 12, 5^2, 4^2\})$	192
60	$\mathcal{O}(0; \{60, 12, 6, 5^2, 3\})$	144
60	$\mathcal{O}(0; \{60, 12, 10^2, 5, 2\})$	208
60	$\mathcal{O}(0; \{60, 15, 4, 3^2, 2^2\})$	48
60	$\mathcal{O}(0; \{60, 15, 6, 4, 2^3\})$	16
60	$\mathcal{O}(0; \{60, 15, 6, 4^3\})$	64
60	$\mathcal{O}(0; \{60, 15, 6^2, 4, 3\})$	80
60	$\mathcal{O}(0; \{60, 15, 12, 3, 2^3\})$	48
60	$\mathcal{O}(0; \{60, 15, 12, 4^2, 3\})$	192
60	$\mathcal{O}(0; \{60, 15, 12, 6, 3^2\})$	176
60	$\mathcal{O}(0; \{60, 15, 12, 6^2, 2\})$	80
60	$\mathcal{O}(0; \{60, 15, 12^2, 4, 2\})$	192
60	$\mathcal{O}(0; \{60, 15^2, 10, 4, 2\})$	208
60	$\mathcal{O}(0; \{60, 20, 5^3, 3\})$	816
60	$\mathcal{O}(0; \{60, 20, 10, 3, 2^3\})$	48
60	$\mathcal{O}(0; \{60, 20, 10, 4^2, 3\})$	192
60	$\mathcal{O}(0; \{60, 20, 10, 6, 3^2\})$	144
60	$\mathcal{O}(0; \{60, 20, 10, 6^2, 2\})$	48
60	$\mathcal{O}(0; \{60, 20, 12, 10, 4, 2\})$	192
60	$\mathcal{O}(0; \{60, 20, 15, 5, 3^2\})$	624
60	$\mathcal{O}(0; \{60, 20, 15, 6, 5, 2\})$	208
60	$\mathcal{O}(0; \{60, 20^3, 3, 2\})$	832
60	$\mathcal{O}(0; \{60, 30, 5, 4, 2^3\})$	48
60	$\mathcal{O}(0; \{60, 30, 5, 4^3\})$	192
60	$\mathcal{O}(0; \{60, 30, 6, 5, 4, 3\})$	144

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{60, 30, 10^2, 4, 2\})$	208
60	$\mathcal{O}(0; \{60, 30, 12, 5, 3^2\})$	240
60	$\mathcal{O}(0; \{60, 30, 12, 6, 5, 2\})$	144
60	$\mathcal{O}(0; \{60, 30, 20, 5^2, 2\})$	816
60	$\mathcal{O}(0; \{60, 30, 20, 15, 3, 2\})$	624
60	$\mathcal{O}(0; \{60, 30^2, 4, 3^2\})$	240
60	$\mathcal{O}(0; \{60, 30^2, 6, 4, 2\})$	144
60	$\mathcal{O}(0; \{60, 30^2, 12, 3, 2\})$	240
60	$\mathcal{O}(0; \{60^2, 10, 5, 3^2\})$	624
60	$\mathcal{O}(0; \{60^2, 10, 6, 5, 2\})$	208
60	$\mathcal{O}(0; \{60^2, 15, 5^2, 2\})$	816
60	$\mathcal{O}(0; \{60^2, 15^2, 3, 2\})$	1040
60	$\mathcal{O}(0; \{60^2, 20, 4, 3^2\})$	576
60	$\mathcal{O}(0; \{60^2, 20, 6, 4, 2\})$	192
60	$\mathcal{O}(0; \{60^2, 20, 12, 3, 2\})$	576
60	$\mathcal{O}(0; \{60^2, 30, 10, 3, 2\})$	624
60	$\mathcal{O}(0; \{60^3, 5, 4, 2\})$	832
61	$\mathcal{O}(1; \{61^3\})$	13172340
62	$\mathcal{O}(1; \{31^3\})$	2508210
62	$\mathcal{O}(0; \{31^3, 2^4\})$	870
62	$\mathcal{O}(0; \{62^2, 31^2, 2^2\})$	26130
62	$\mathcal{O}(0; \{62^4, 31\})$	783870
63	$\mathcal{O}(1; \{21^3\})$	211680
63	$\mathcal{O}(1; \{63^2, 9\})$	428652
63	$\mathcal{O}(0; \{63^2, 9, 3^3\})$	864
63	$\mathcal{O}(0; \{63^3, 21^2\})$	79920
64	$\mathcal{O}(1; \{32^2, 8\})$	196608
64	$\mathcal{O}(0; \{64^2, 32, 8, 2^2\})$	2048
64	$\mathcal{O}(0; \{64^2, 32, 16^2\})$	32768
64	$\mathcal{O}(0; \{64^4, 8\})$	131072
65	$\mathcal{O}(1; \{13^3\})$	535392
65	$\mathcal{O}(1; \{65^2, 5\})$	608400
66	$\mathcal{O}(1; \{11^3\})$	261360
66	$\mathcal{O}(1; \{66, 11, 6\})$	87120
66	$\mathcal{O}(0; \{11^3, 6, 3, 2\})$	180
66	$\mathcal{O}(0; \{33^2, 22, 3^2, 2\})$	540
66	$\mathcal{O}(0; \{33^2, 22, 6, 2^2\})$	180
66	$\mathcal{O}(0; \{66, 11, 3^2, 2^3\})$	20
66	$\mathcal{O}(0; \{66, 11, 6, 2^4\})$	20
66	$\mathcal{O}(0; \{66, 11, 6, 3^3\})$	100
66	$\mathcal{O}(0; \{66, 11, 6^2, 3, 2\})$	60
66	$\mathcal{O}(0; \{66, 22^2, 3^2, 2\})$	180
66	$\mathcal{O}(0; \{66, 22^2, 6, 2^2\})$	180

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
66	$\mathcal{O}(0; \{66, 33, 22, 11^2\})$	18180
66	$\mathcal{O}(0; \{66, 33^3, 6\})$	9100
66	$\mathcal{O}(0; \{66^2, 33, 22, 6\})$	5460
68	$\mathcal{O}(0; \{68, 34, 17, 4, 2^2\})$	480
68	$\mathcal{O}(0; \{68, 34^3, 4\})$	7712
68	$\mathcal{O}(0; \{68^3, 17, 4\})$	30848
69	$\mathcal{O}(1; \{69, 23, 3\})$	209484
69	$\mathcal{O}(0; \{69, 23, 3^4\})$	220
69	$\mathcal{O}(0; \{69^4, 3\})$	101860
70	$\mathcal{O}(1; \{7^3\})$	105840
70	$\mathcal{O}(0; \{35^2, 14, 10, 5\})$	1560
70	$\mathcal{O}(0; \{70, 14, 7, 5, 2^2\})$	120
70	$\mathcal{O}(0; \{70, 14, 10^2, 7\})$	360
70	$\mathcal{O}(0; \{70, 14^3, 5\})$	744
70	$\mathcal{O}(0; \{70, 35, 10, 7^2\})$	2232
70	$\mathcal{O}(0; \{70^2, 5^2, 2^2\})$	312
70	$\mathcal{O}(0; \{70^2, 10^2, 5\})$	1224
72	$\mathcal{O}(1; \{4^2, 2^2\})$	6912
72	$\mathcal{O}(1; \{8^2, 4\})$	36864
72	$\mathcal{O}(1; \{12, 6, 4\})$	13824
72	$\mathcal{O}(1; \{12^2, 3\})$	13824
72	$\mathcal{O}(1; \{24, 8, 3\})$	36864
72	$\mathcal{O}(0; \{18, 12, 9, 8^2\})$	96
72	$\mathcal{O}(0; \{24, 9^3, 8\})$	144
72	$\mathcal{O}(0; \{24, 18, 9, 8, 6\})$	96
72	$\mathcal{O}(0; \{24^2, 18, 9, 4\})$	192
72	$\mathcal{O}(0; \{36, 9^2, 8^2\})$	144
72	$\mathcal{O}(0; \{36, 18, 8^2, 6\})$	96
72	$\mathcal{O}(0; \{36, 24, 18, 8, 4\})$	192
72	$\mathcal{O}(0; \{36, 24^2, 18, 3\})$	384
72	$\mathcal{O}(0; \{72, 9, 8, 4, 2^2\})$	48
72	$\mathcal{O}(0; \{72, 9, 8^3\})$	384
72	$\mathcal{O}(0; \{72, 12, 9, 8, 6\})$	192
72	$\mathcal{O}(0; \{72, 18^2, 8, 4\})$	144
72	$\mathcal{O}(0; \{72, 24, 9, 3, 2^2\})$	96
72	$\mathcal{O}(0; \{72, 24, 9, 6^2\})$	192
72	$\mathcal{O}(0; \{72, 24, 12, 9, 4\})$	384
72	$\mathcal{O}(0; \{72, 24, 18^2, 3\})$	288
72	$\mathcal{O}(0; \{72, 36, 8, 3, 2^2\})$	96
72	$\mathcal{O}(0; \{72, 36, 8, 6^2\})$	192
72	$\mathcal{O}(0; \{72, 36, 12, 8, 4\})$	384
72	$\mathcal{O}(0; \{72, 36, 24, 6, 4\})$	384
72	$\mathcal{O}(0; \{72, 36, 24, 12, 3\})$	768

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
72	$\mathcal{O}(0; \{72^2, 9^2, 4\})$	1296
72	$\mathcal{O}(0; \{72^2, 18, 6, 4\})$	288
72	$\mathcal{O}(0; \{72^2, 18, 12, 3\})$	576
72	$\mathcal{O}(0; \{72^2, 36, 9, 3\})$	2592
72	$\mathcal{O}(0; \{72^3, 8, 3\})$	2304
74	$\mathcal{O}(0; \{74, 37^2, 2^3\})$	1260
74	$\mathcal{O}(0; \{74^3, 37, 2\})$	45396
75	$\mathcal{O}(1; \{5^3\})$	57600
75	$\mathcal{O}(1; \{15, 5, 3\})$	43200
75	$\mathcal{O}(0; \{75^2, 25, 5, 3\})$	2400
76	$\mathcal{O}(0; \{38, 19^2, 4^2\})$	612
76	$\mathcal{O}(0; \{76^2, 19^2, 2\})$	11052
78	$\mathcal{O}(0; \{26, 13^2, 6, 3\})$	264
78	$\mathcal{O}(0; \{78, 39, 13^2, 2\})$	3192
78	$\mathcal{O}(0; \{78^2, 3^2, 2^2\})$	72
78	$\mathcal{O}(0; \{78^2, 6, 2^3\})$	24
78	$\mathcal{O}(0; \{78^2, 6^2, 3\})$	120
80	$\mathcal{O}(1; \{8^2, 2\})$	18432
80	$\mathcal{O}(0; \{40, 16^2, 10, 2\})$	128
80	$\mathcal{O}(0; \{80, 20, 16, 8, 2\})$	256
80	$\mathcal{O}(0; \{80^2, 10, 8, 2\})$	384
80	$\mathcal{O}(0; \{80^2, 40, 5, 2\})$	1664
84	$\mathcal{O}(0; \{21, 7, 6, 4^2\})$	24
84	$\mathcal{O}(0; \{21, 12, 7, 4, 3\})$	24
84	$\mathcal{O}(0; \{21, 12^2, 7, 2\})$	24
84	$\mathcal{O}(0; \{28, 14, 6, 4, 3\})$	24
84	$\mathcal{O}(0; \{28, 14, 12, 3^2\})$	24
84	$\mathcal{O}(0; \{28, 14, 12, 6, 2\})$	24
84	$\mathcal{O}(0; \{42, 28, 21, 4, 2\})$	120
84	$\mathcal{O}(0; \{84, 21^2, 4, 2\})$	120
84	$\mathcal{O}(0; \{84, 28, 7, 3^2\})$	120
84	$\mathcal{O}(0; \{84, 28, 7, 6, 2\})$	120
84	$\mathcal{O}(0; \{84, 42, 14, 4, 2\})$	120
84	$\mathcal{O}(0; \{84^2, 3, 2^3\})$	24
84	$\mathcal{O}(0; \{84^2, 4^2, 3\})$	96
84	$\mathcal{O}(0; \{84^2, 6, 3^2\})$	120
84	$\mathcal{O}(0; \{84^2, 6^2, 2\})$	72
84	$\mathcal{O}(0; \{84^2, 12, 4, 2\})$	96
90	$\mathcal{O}(2; \emptyset)$	60652800
90	$\mathcal{O}(1; \{2^4\})$	6912
90	$\mathcal{O}(1; \{3^3\})$	10368
90	$\mathcal{O}(1; \{6, 3, 2\})$	13824
90	$\mathcal{O}(0; \{45, 9, 6, 5, 2\})$	48

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
90	$\mathcal{O}(0; \{45, 30, 9, 3, 2\})$	96
90	$\mathcal{O}(0; \{90, 18, 10, 3, 2\})$	48
91	$\mathcal{O}(1; \{91^2\})$	596232
92	$\mathcal{O}(1; \{46^2\})$	139656
92	$\mathcal{O}(0; \{46^2, 4^2, 2\})$	44
92	$\mathcal{O}(0; \{92^2, 46, 2^2\})$	924
92	$\mathcal{O}(0; \{92^4\})$	81488
93	$\mathcal{O}(1; \{31^2\})$	230640
93	$\mathcal{O}(0; \{31^2, 3^3\})$	60
93	$\mathcal{O}(0; \{93^3, 31\})$	52260
95	$\mathcal{O}(1; \{19^2\})$	155952
96	$\mathcal{O}(1; \{16^2\})$	49152
96	$\mathcal{O}(0; \{48, 32^2, 24\})$	1024
96	$\mathcal{O}(0; \{96, 32, 4, 3, 2\})$	64
96	$\mathcal{O}(0; \{96, 32, 12, 2^2\})$	64
96	$\mathcal{O}(0; \{96, 32, 24^2\})$	512
96	$\mathcal{O}(0; \{96, 48, 32, 16\})$	2048
96	$\mathcal{O}(0; \{96^2, 24, 16\})$	1024
96	$\mathcal{O}(0; \{96^2, 48, 12\})$	1536
98	$\mathcal{O}(0; \{98^2, 7, 2^2\})$	252
98	$\mathcal{O}(0; \{98^2, 14^2\})$	1512
99	$\mathcal{O}(1; \{11^2\})$	87120
99	$\mathcal{O}(0; \{99, 33^2, 9\})$	2160
100	$\mathcal{O}(1; \{10^2\})$	28800
100	$\mathcal{O}(0; \{100, 25, 20, 10\})$	640
102	$\mathcal{O}(0; \{51^2, 34, 6\})$	480
102	$\mathcal{O}(0; \{102, 17, 3^2, 2\})$	32
102	$\mathcal{O}(0; \{102, 17, 6, 2^2\})$	32
102	$\mathcal{O}(0; \{102, 34^2, 6\})$	480
104	$\mathcal{O}(0; \{104^2, 4, 2^2\})$	96
104	$\mathcal{O}(0; \{104^2, 8^2\})$	768
105	$\mathcal{O}(1; \{7^2\})$	56448
105	$\mathcal{O}(0; \{35, 21, 15, 7\})$	240
105	$\mathcal{O}(0; \{105, 15^2, 7\})$	144
105	$\mathcal{O}(0; \{105, 35, 21, 5\})$	720
105	$\mathcal{O}(0; \{105^2, 15, 5\})$	624
108	$\mathcal{O}(1; \{6^2\})$	15552
108	$\mathcal{O}(0; \{54, 36, 27, 4\})$	216
108	$\mathcal{O}(0; \{108, 27^2, 4\})$	324
108	$\mathcal{O}(0; \{108, 54, 18, 4\})$	216
110	$\mathcal{O}(0; \{55, 22, 10, 5\})$	120
111	$\mathcal{O}(0; \{111^2, 37, 3\})$	2520
112	$\mathcal{O}(0; \{112, 16, 14, 4\})$	96

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Table 1 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
112	$\mathcal{O}(0; \{112^2, 8, 4\})$	384
114	$\mathcal{O}(0; \{114, 38, 19, 3\})$	612
117	$\mathcal{O}(0; \{117^2, 9, 3\})$	432
120	$\mathcal{O}(1; \{4^2\})$	18432
120	$\mathcal{O}(0; \{40, 24, 10, 3\})$	32
120	$\mathcal{O}(0; \{60, 40, 8, 3\})$	64
120	$\mathcal{O}(0; \{120, 8, 6, 5\})$	32
120	$\mathcal{O}(0; \{120, 24, 5, 4\})$	64
120	$\mathcal{O}(0; \{120, 30, 8, 3\})$	32
122	$\mathcal{O}(0; \{122, 61, 2^3\})$	60
122	$\mathcal{O}(0; \{122^3, 2\})$	3540
124	$\mathcal{O}(0; \{62, 31, 4^2\})$	60
124	$\mathcal{O}(0; \{124^2, 31, 2\})$	1740
126	$\mathcal{O}(0; \{126, 63, 21, 2\})$	360
126	$\mathcal{O}(0; \{126^2, 18, 2\})$	108
130	$\mathcal{O}(0; \{130^2, 10, 2\})$	144
132	$\mathcal{O}(0; \{44, 33, 4, 3\})$	40
132	$\mathcal{O}(0; \{44, 33, 12, 2\})$	40
132	$\mathcal{O}(0; \{132, 22, 4, 3\})$	40
132	$\mathcal{O}(0; \{132, 22, 12, 2\})$	40
135	$\mathcal{O}(1; \{3^2\})$	31104
138	$\mathcal{O}(0; \{69^2, 6, 2\})$	44
138	$\mathcal{O}(0; \{138, 46, 3^2\})$	44
138	$\mathcal{O}(0; \{138, 46, 6, 2\})$	44
140	$\mathcal{O}(0; \{140^2, 5, 2\})$	144
148	$\mathcal{O}(0; \{148, 37, 4, 2\})$	72
156	$\mathcal{O}(0; \{156^2, 3, 2\})$	48
180	$\mathcal{O}(1; \{2^2\})$	20736
182	$\mathcal{O}(0; \{182^2, 2^2\})$	72
183	$\mathcal{O}(0; \{183^3\})$	7080
184	$\mathcal{O}(0; \{184^2, 92\})$	3696
186	$\mathcal{O}(0; \{186, 93, 62\})$	1740
189	$\mathcal{O}(0; \{189^2, 27\})$	972
192	$\mathcal{O}(0; \{192, 64, 24\})$	256
195	$\mathcal{O}(0; \{195^2, 15\})$	288
196	$\mathcal{O}(0; \{196^2, 14\})$	504
198	$\mathcal{O}(0; \{198, 33, 18\})$	120
204	$\mathcal{O}(0; \{68, 51, 12\})$	64
204	$\mathcal{O}(0; \{204, 34, 12\})$	64
207	$\mathcal{O}(0; \{207, 69, 9\})$	264
208	$\mathcal{O}(0; \{208^2, 8\})$	384
210	$\mathcal{O}(0; \{210, 15, 14\})$	48
216	$\mathcal{O}(0; \{216, 27, 8\})$	72

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
222	$\mathcal{O}(0; \{111, 74, 6\})$	72
244	$\mathcal{O}(0; \{244, 122, 4\})$	120
273	$\mathcal{O}(0; \{273^2, 3\})$	144
276	$\mathcal{O}(0; \{276, 92, 3\})$	88
364	$\mathcal{O}(0; \{364^2, 2\})$	144
366	$\mathcal{O}(0; \{366, 183, 2\})$	120

Table 2: 92-admissible orbifolds.

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
1	$\mathcal{O}(92; \emptyset)$	1
2	$\mathcal{O}(46; \{2^2\})$	4951760157141521099596496896
2	$\mathcal{O}(45; \{2^6\})$	1237940039285380274899124224
2	$\mathcal{O}(44; \{2^{10}\})$	309485009821345068724781056
2	$\mathcal{O}(43; \{2^{14}\})$	77371252455336267181195264
2	$\mathcal{O}(42; \{2^{18}\})$	19342813113834066795298816
2	$\mathcal{O}(41; \{2^{22}\})$	4835703278458516698824704
2	$\mathcal{O}(40; \{2^{26}\})$	1208925819614629174706176
2	$\mathcal{O}(39; \{2^{30}\})$	302231454903657293676544
2	$\mathcal{O}(38; \{2^{34}\})$	75557863725914323419136
2	$\mathcal{O}(37; \{2^{38}\})$	18889465931478580854784
2	$\mathcal{O}(36; \{2^{42}\})$	4722366482869645213696
2	$\mathcal{O}(35; \{2^{46}\})$	1180591620717411303424
2	$\mathcal{O}(34; \{2^{50}\})$	295147905179352825856
2	$\mathcal{O}(33; \{2^{54}\})$	73786976294838206464
2	$\mathcal{O}(32; \{2^{58}\})$	18446744073709551616
2	$\mathcal{O}(31; \{2^{62}\})$	4611686018427387904
2	$\mathcal{O}(30; \{2^{66}\})$	1152921504606846976
2	$\mathcal{O}(29; \{2^{70}\})$	288230376151711744
2	$\mathcal{O}(28; \{2^{74}\})$	72057594037927936
2	$\mathcal{O}(27; \{2^{78}\})$	18014398509481984
2	$\mathcal{O}(26; \{2^{82}\})$	4503599627370496
2	$\mathcal{O}(25; \{2^{86}\})$	1125899906842624
2	$\mathcal{O}(24; \{2^{90}\})$	281474976710656
2	$\mathcal{O}(23; \{2^{94}\})$	70368744177664
2	$\mathcal{O}(22; \{2^{98}\})$	17592186044416
2	$\mathcal{O}(21; \{2^{102}\})$	4398046511104
2	$\mathcal{O}(20; \{2^{106}\})$	1099511627776
2	$\mathcal{O}(19; \{2^{110}\})$	274877906944
2	$\mathcal{O}(18; \{2^{114}\})$	68719476736

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
2	$\mathcal{O}(17; \{2^{118}\})$	17179869184
2	$\mathcal{O}(16; \{2^{122}\})$	4294967296
2	$\mathcal{O}(15; \{2^{126}\})$	1073741824
2	$\mathcal{O}(14; \{2^{130}\})$	268435456
2	$\mathcal{O}(13; \{2^{134}\})$	67108864
2	$\mathcal{O}(12; \{2^{138}\})$	16777216
2	$\mathcal{O}(11; \{2^{142}\})$	4194304
2	$\mathcal{O}(10; \{2^{146}\})$	1048576
2	$\mathcal{O}(9; \{2^{150}\})$	262144
2	$\mathcal{O}(8; \{2^{154}\})$	65536
2	$\mathcal{O}(7; \{2^{158}\})$	16384
2	$\mathcal{O}(6; \{2^{162}\})$	4096
2	$\mathcal{O}(5; \{2^{166}\})$	1024
2	$\mathcal{O}(4; \{2^{170}\})$	256
2	$\mathcal{O}(3; \{2^{174}\})$	64
2	$\mathcal{O}(2; \{2^{178}\})$	16
2	$\mathcal{O}(1; \{2^{182}\})$	4
2	$\mathcal{O}(0; \{2^{186}\})$	1
3	$\mathcal{O}(30; \{3^4\})$	254346949651297221085766599206
3	$\mathcal{O}(29; \{3^7\})$	197825405284342283066707354938
3	$\mathcal{O}(28; \{3^{10}\})$	178984890495357303727020940182
3	$\mathcal{O}(27; \{3^{13}\})$	158748782018299362954765161370
3	$\mathcal{O}(26; \{3^{16}\})$	141148794952045904888473736886
3	$\mathcal{O}(25; \{3^{19}\})$	125461288125003542118666255738
3	$\mathcal{O}(24; \{3^{22}\})$	111521623598661609784984740822
3	$\mathcal{O}(23; \{3^{25}\})$	99130278910070490782757638490
3	$\mathcal{O}(22; \{3^{28}\})$	88115809384243627130785298166
3	$\mathcal{O}(21; \{3^{31}\})$	78325163240591511549401665338
3	$\mathcal{O}(20; \{3^{34}\})$	69622367397916225242698608662
3	$\mathcal{O}(19; \{3^{37}\})$	61886548790042645465249699610
3	$\mathcal{O}(18; \{3^{40}\})$	55010265592049586003115061046
3	$\mathcal{O}(17; \{3^{43}\})$	48898013859499568912570943738
3	$\mathcal{O}(16; \{3^{46}\})$	43464901208455179376751727702
3	$\mathcal{O}(15; \{3^{49}\})$	38635467740847812988097856730
3	$\mathcal{O}(14; \{3^{52}\})$	34342637991864859916841713526
3	$\mathcal{O}(13; \{3^{55}\})$	30526789326102082452664330938
3	$\mathcal{O}(12; \{3^{58}\})$	27134923845424074985834401942
3	$\mathcal{O}(11; \{3^{61}\})$	24119932307043622021344221850
3	$\mathcal{O}(10; \{3^{64}\})$	21439939828483219595448903606
3	$\mathcal{O}(9; \{3^{67}\})$	19057724291985084082518946938
3	$\mathcal{O}(8; \{3^{70}\})$	16940199370653408073608455382
3	$\mathcal{O}(7; \{3^{73}\})$	15057954996136362732067706970
3	$\mathcal{O}(6; \{3^{76}\})$	13384848885454544650730039286

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
3	$\mathcal{O}(5; \{3^{79}\})$	11897643453737373022870791738
3	$\mathcal{O}(4; \{3^{82}\})$	10575683069988776020329632022
3	$\mathcal{O}(3; \{3^{85}\})$	9400607173323356462515224090
3	$\mathcal{O}(2; \{3^{88}\})$	8356095265176316855569088566
3	$\mathcal{O}(1; \{3^{91}\})$	7427640235712281649394745338
3	$\mathcal{O}(0; \{3^{94}\})$	6602346876188694799461995862
4	$\mathcal{O}(23; \{4^2\})$	9903520314283042199192993792
4	$\mathcal{O}(22; \{4^2, 2^4\})$	618970019642690137449562112
4	$\mathcal{O}(22; \{4^4, 2\})$	2475880078570760549798248448
4	$\mathcal{O}(21; \{4^2, 2^8\})$	38685626227668133590597632
4	$\mathcal{O}(21; \{4^4, 2^5\})$	154742504910672534362390528
4	$\mathcal{O}(21; \{4^6, 2^2\})$	618970019642690137449562112
4	$\mathcal{O}(20; \{4^2, 2^{12}\})$	2417851639229258349412352
4	$\mathcal{O}(20; \{4^4, 2^9\})$	9671406556917033397649408
4	$\mathcal{O}(20; \{4^6, 2^6\})$	38685626227668133590597632
4	$\mathcal{O}(20; \{4^8, 2^3\})$	154742504910672534362390528
4	$\mathcal{O}(20; \{4^{10}\})$	618970019642690137449562112
4	$\mathcal{O}(19; \{4^2, 2^{16}\})$	151115727451828646838272
4	$\mathcal{O}(19; \{4^4, 2^{13}\})$	604462909807314587353088
4	$\mathcal{O}(19; \{4^6, 2^{10}\})$	2417851639229258349412352
4	$\mathcal{O}(19; \{4^8, 2^7\})$	9671406556917033397649408
4	$\mathcal{O}(19; \{4^{10}, 2^4\})$	38685626227668133590597632
4	$\mathcal{O}(19; \{4^{12}, 2\})$	154742504910672534362390528
4	$\mathcal{O}(18; \{4^2, 2^{20}\})$	9444732965739290427392
4	$\mathcal{O}(18; \{4^4, 2^{17}\})$	37778931862957161709568
4	$\mathcal{O}(18; \{4^6, 2^{14}\})$	151115727451828646838272
4	$\mathcal{O}(18; \{4^8, 2^{11}\})$	604462909807314587353088
4	$\mathcal{O}(18; \{4^{10}, 2^8\})$	2417851639229258349412352
4	$\mathcal{O}(18; \{4^{12}, 2^5\})$	9671406556917033397649408
4	$\mathcal{O}(18; \{4^{14}, 2^2\})$	38685626227668133590597632
4	$\mathcal{O}(17; \{4^2, 2^{24}\})$	590295810358705651712
4	$\mathcal{O}(17; \{4^4, 2^{21}\})$	2361183241434822606848
4	$\mathcal{O}(17; \{4^6, 2^{18}\})$	9444732965739290427392
4	$\mathcal{O}(17; \{4^8, 2^{15}\})$	37778931862957161709568
4	$\mathcal{O}(17; \{4^{10}, 2^{12}\})$	151115727451828646838272
4	$\mathcal{O}(17; \{4^{12}, 2^9\})$	604462909807314587353088
4	$\mathcal{O}(17; \{4^{14}, 2^6\})$	2417851639229258349412352
4	$\mathcal{O}(17; \{4^{16}, 2^3\})$	9671406556917033397649408
4	$\mathcal{O}(17; \{4^{18}\})$	38685626227668133590597632
4	$\mathcal{O}(16; \{4^2, 2^{28}\})$	36893488147419103232
4	$\mathcal{O}(16; \{4^4, 2^{25}\})$	147573952589676412928
4	$\mathcal{O}(16; \{4^6, 2^{22}\})$	590295810358705651712
4	$\mathcal{O}(16; \{4^8, 2^{19}\})$	2361183241434822606848

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(16; \{4^{10}, 2^{16}\})$	9444732965739290427392
4	$\mathcal{O}(16; \{4^{12}, 2^{13}\})$	37778931862957161709568
4	$\mathcal{O}(16; \{4^{14}, 2^{10}\})$	151115727451828646838272
4	$\mathcal{O}(16; \{4^{16}, 2^7\})$	604462909807314587353088
4	$\mathcal{O}(16; \{4^{18}, 2^4\})$	2417851639229258349412352
4	$\mathcal{O}(16; \{4^{20}, 2\})$	9671406556917033397649408
4	$\mathcal{O}(15; \{4^2, 2^{32}\})$	2305843009213693952
4	$\mathcal{O}(15; \{4^4, 2^{29}\})$	9223372036854775808
4	$\mathcal{O}(15; \{4^6, 2^{26}\})$	36893488147419103232
4	$\mathcal{O}(15; \{4^8, 2^{23}\})$	147573952589676412928
4	$\mathcal{O}(15; \{4^{10}, 2^{20}\})$	590295810358705651712
4	$\mathcal{O}(15; \{4^{12}, 2^{17}\})$	2361183241434822606848
4	$\mathcal{O}(15; \{4^{14}, 2^{14}\})$	9444732965739290427392
4	$\mathcal{O}(15; \{4^{16}, 2^{11}\})$	37778931862957161709568
4	$\mathcal{O}(15; \{4^{18}, 2^8\})$	151115727451828646838272
4	$\mathcal{O}(15; \{4^{20}, 2^5\})$	604462909807314587353088
4	$\mathcal{O}(15; \{4^{22}, 2^2\})$	2417851639229258349412352
4	$\mathcal{O}(14; \{4^2, 2^{36}\})$	144115188075855872
4	$\mathcal{O}(14; \{4^4, 2^{33}\})$	576460752303423488
4	$\mathcal{O}(14; \{4^6, 2^{30}\})$	2305843009213693952
4	$\mathcal{O}(14; \{4^8, 2^{27}\})$	9223372036854775808
4	$\mathcal{O}(14; \{4^{10}, 2^{24}\})$	36893488147419103232
4	$\mathcal{O}(14; \{4^{12}, 2^{21}\})$	147573952589676412928
4	$\mathcal{O}(14; \{4^{14}, 2^{18}\})$	590295810358705651712
4	$\mathcal{O}(14; \{4^{16}, 2^{15}\})$	2361183241434822606848
4	$\mathcal{O}(14; \{4^{18}, 2^{12}\})$	9444732965739290427392
4	$\mathcal{O}(14; \{4^{20}, 2^9\})$	37778931862957161709568
4	$\mathcal{O}(14; \{4^{22}, 2^6\})$	151115727451828646838272
4	$\mathcal{O}(14; \{4^{24}, 2^3\})$	604462909807314587353088
4	$\mathcal{O}(14; \{4^{26}\})$	2417851639229258349412352
4	$\mathcal{O}(13; \{4^2, 2^{40}\})$	9007199254740992
4	$\mathcal{O}(13; \{4^4, 2^{37}\})$	36028797018963968
4	$\mathcal{O}(13; \{4^6, 2^{34}\})$	144115188075855872
4	$\mathcal{O}(13; \{4^8, 2^{31}\})$	576460752303423488
4	$\mathcal{O}(13; \{4^{10}, 2^{28}\})$	2305843009213693952
4	$\mathcal{O}(13; \{4^{12}, 2^{25}\})$	9223372036854775808
4	$\mathcal{O}(13; \{4^{14}, 2^{22}\})$	36893488147419103232
4	$\mathcal{O}(13; \{4^{16}, 2^{19}\})$	147573952589676412928
4	$\mathcal{O}(13; \{4^{18}, 2^{16}\})$	590295810358705651712
4	$\mathcal{O}(13; \{4^{20}, 2^{13}\})$	2361183241434822606848
4	$\mathcal{O}(13; \{4^{22}, 2^{10}\})$	9444732965739290427392
4	$\mathcal{O}(13; \{4^{24}, 2^7\})$	37778931862957161709568
4	$\mathcal{O}(13; \{4^{26}, 2^4\})$	151115727451828646838272

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(13; \{4^{28}, 2\})$	604462909807314587353088
4	$\mathcal{O}(12; \{4^2, 2^{44}\})$	562949953421312
4	$\mathcal{O}(12; \{4^4, 2^{41}\})$	2251799813685248
4	$\mathcal{O}(12; \{4^6, 2^{38}\})$	9007199254740992
4	$\mathcal{O}(12; \{4^8, 2^{35}\})$	36028797018963968
4	$\mathcal{O}(12; \{4^{10}, 2^{32}\})$	144115188075855872
4	$\mathcal{O}(12; \{4^{12}, 2^{29}\})$	576460752303423488
4	$\mathcal{O}(12; \{4^{14}, 2^{26}\})$	2305843009213693952
4	$\mathcal{O}(12; \{4^{16}, 2^{23}\})$	9223372036854775808
4	$\mathcal{O}(12; \{4^{18}, 2^{20}\})$	36893488147419103232
4	$\mathcal{O}(12; \{4^{20}, 2^{17}\})$	147573952589676412928
4	$\mathcal{O}(12; \{4^{22}, 2^{14}\})$	590295810358705651712
4	$\mathcal{O}(12; \{4^{24}, 2^{11}\})$	2361183241434822606848
4	$\mathcal{O}(12; \{4^{26}, 2^8\})$	9444732965739290427392
4	$\mathcal{O}(12; \{4^{28}, 2^5\})$	37778931862957161709568
4	$\mathcal{O}(12; \{4^{30}, 2^2\})$	151115727451828646838272
4	$\mathcal{O}(11; \{4^2, 2^{48}\})$	35184372088832
4	$\mathcal{O}(11; \{4^4, 2^{45}\})$	140737488355328
4	$\mathcal{O}(11; \{4^6, 2^{42}\})$	562949953421312
4	$\mathcal{O}(11; \{4^8, 2^{39}\})$	2251799813685248
4	$\mathcal{O}(11; \{4^{10}, 2^{36}\})$	9007199254740992
4	$\mathcal{O}(11; \{4^{12}, 2^{33}\})$	36028797018963968
4	$\mathcal{O}(11; \{4^{14}, 2^{30}\})$	144115188075855872
4	$\mathcal{O}(11; \{4^{16}, 2^{27}\})$	576460752303423488
4	$\mathcal{O}(11; \{4^{18}, 2^{24}\})$	2305843009213693952
4	$\mathcal{O}(11; \{4^{20}, 2^{21}\})$	9223372036854775808
4	$\mathcal{O}(11; \{4^{22}, 2^{18}\})$	36893488147419103232
4	$\mathcal{O}(11; \{4^{24}, 2^{15}\})$	147573952589676412928
4	$\mathcal{O}(11; \{4^{26}, 2^{12}\})$	590295810358705651712
4	$\mathcal{O}(11; \{4^{28}, 2^9\})$	2361183241434822606848
4	$\mathcal{O}(11; \{4^{30}, 2^6\})$	9444732965739290427392
4	$\mathcal{O}(11; \{4^{32}, 2^3\})$	37778931862957161709568
4	$\mathcal{O}(11; \{4^{34}\})$	151115727451828646838272
4	$\mathcal{O}(10; \{4^2, 2^{52}\})$	2199023255552
4	$\mathcal{O}(10; \{4^4, 2^{49}\})$	8796093022208
4	$\mathcal{O}(10; \{4^6, 2^{46}\})$	35184372088832
4	$\mathcal{O}(10; \{4^8, 2^{43}\})$	140737488355328
4	$\mathcal{O}(10; \{4^{10}, 2^{40}\})$	562949953421312
4	$\mathcal{O}(10; \{4^{12}, 2^{37}\})$	2251799813685248
4	$\mathcal{O}(10; \{4^{14}, 2^{34}\})$	9007199254740992
4	$\mathcal{O}(10; \{4^{16}, 2^{31}\})$	36028797018963968
4	$\mathcal{O}(10; \{4^{18}, 2^{28}\})$	144115188075855872
4	$\mathcal{O}(10; \{4^{20}, 2^{25}\})$	576460752303423488

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(10; \{4^{22}, 2^{22}\})$	2305843009213693952
4	$\mathcal{O}(10; \{4^{24}, 2^{19}\})$	9223372036854775808
4	$\mathcal{O}(10; \{4^{26}, 2^{16}\})$	36893488147419103232
4	$\mathcal{O}(10; \{4^{28}, 2^{13}\})$	147573952589676412928
4	$\mathcal{O}(10; \{4^{30}, 2^{10}\})$	590295810358705651712
4	$\mathcal{O}(10; \{4^{32}, 2^7\})$	2361183241434822606848
4	$\mathcal{O}(10; \{4^{34}, 2^4\})$	9444732965739290427392
4	$\mathcal{O}(10; \{4^{36}, 2\})$	37778931862957161709568
4	$\mathcal{O}(9; \{4^2, 2^{56}\})$	137438953472
4	$\mathcal{O}(9; \{4^4, 2^{53}\})$	549755813888
4	$\mathcal{O}(9; \{4^6, 2^{50}\})$	2199023255552
4	$\mathcal{O}(9; \{4^8, 2^{47}\})$	8796093022208
4	$\mathcal{O}(9; \{4^{10}, 2^{44}\})$	35184372088832
4	$\mathcal{O}(9; \{4^{12}, 2^{41}\})$	140737488355328
4	$\mathcal{O}(9; \{4^{14}, 2^{38}\})$	562949953421312
4	$\mathcal{O}(9; \{4^{16}, 2^{35}\})$	2251799813685248
4	$\mathcal{O}(9; \{4^{18}, 2^{32}\})$	9007199254740992
4	$\mathcal{O}(9; \{4^{20}, 2^{29}\})$	36028797018963968
4	$\mathcal{O}(9; \{4^{22}, 2^{26}\})$	144115188075855872
4	$\mathcal{O}(9; \{4^{24}, 2^{23}\})$	576460752303423488
4	$\mathcal{O}(9; \{4^{26}, 2^{20}\})$	2305843009213693952
4	$\mathcal{O}(9; \{4^{28}, 2^{17}\})$	9223372036854775808
4	$\mathcal{O}(9; \{4^{30}, 2^{14}\})$	36893488147419103232
4	$\mathcal{O}(9; \{4^{32}, 2^{11}\})$	147573952589676412928
4	$\mathcal{O}(9; \{4^{34}, 2^8\})$	590295810358705651712
4	$\mathcal{O}(9; \{4^{36}, 2^5\})$	2361183241434822606848
4	$\mathcal{O}(9; \{4^{38}, 2^2\})$	9444732965739290427392
4	$\mathcal{O}(8; \{4^2, 2^{60}\})$	8589934592
4	$\mathcal{O}(8; \{4^4, 2^{57}\})$	34359738368
4	$\mathcal{O}(8; \{4^6, 2^{54}\})$	137438953472
4	$\mathcal{O}(8; \{4^8, 2^{51}\})$	549755813888
4	$\mathcal{O}(8; \{4^{10}, 2^{48}\})$	2199023255552
4	$\mathcal{O}(8; \{4^{12}, 2^{45}\})$	8796093022208
4	$\mathcal{O}(8; \{4^{14}, 2^{42}\})$	35184372088832
4	$\mathcal{O}(8; \{4^{16}, 2^{39}\})$	140737488355328
4	$\mathcal{O}(8; \{4^{18}, 2^{36}\})$	562949953421312
4	$\mathcal{O}(8; \{4^{20}, 2^{33}\})$	2251799813685248
4	$\mathcal{O}(8; \{4^{22}, 2^{30}\})$	9007199254740992
4	$\mathcal{O}(8; \{4^{24}, 2^{27}\})$	36028797018963968
4	$\mathcal{O}(8; \{4^{26}, 2^{24}\})$	144115188075855872
4	$\mathcal{O}(8; \{4^{28}, 2^{21}\})$	576460752303423488
4	$\mathcal{O}(8; \{4^{30}, 2^{18}\})$	2305843009213693952
4	$\mathcal{O}(8; \{4^{32}, 2^{15}\})$	9223372036854775808

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(8; \{4^{34}, 2^{12}\})$	36893488147419103232
4	$\mathcal{O}(8; \{4^{36}, 2^9\})$	147573952589676412928
4	$\mathcal{O}(8; \{4^{38}, 2^6\})$	590295810358705651712
4	$\mathcal{O}(8; \{4^{40}, 2^3\})$	2361183241434822606848
4	$\mathcal{O}(8; \{4^{42}\})$	9444732965739290427392
4	$\mathcal{O}(7; \{4^2, 2^{64}\})$	536870912
4	$\mathcal{O}(7; \{4^4, 2^{61}\})$	2147483648
4	$\mathcal{O}(7; \{4^6, 2^{58}\})$	8589934592
4	$\mathcal{O}(7; \{4^8, 2^{55}\})$	34359738368
4	$\mathcal{O}(7; \{4^{10}, 2^{52}\})$	137438953472
4	$\mathcal{O}(7; \{4^{12}, 2^{49}\})$	549755813888
4	$\mathcal{O}(7; \{4^{14}, 2^{46}\})$	2199023255552
4	$\mathcal{O}(7; \{4^{16}, 2^{43}\})$	8796093022208
4	$\mathcal{O}(7; \{4^{18}, 2^{40}\})$	35184372088832
4	$\mathcal{O}(7; \{4^{20}, 2^{37}\})$	140737488355328
4	$\mathcal{O}(7; \{4^{22}, 2^{34}\})$	562949953421312
4	$\mathcal{O}(7; \{4^{24}, 2^{31}\})$	2251799813685248
4	$\mathcal{O}(7; \{4^{26}, 2^{28}\})$	9007199254740992
4	$\mathcal{O}(7; \{4^{28}, 2^{25}\})$	36028797018963968
4	$\mathcal{O}(7; \{4^{30}, 2^{22}\})$	144115188075855872
4	$\mathcal{O}(7; \{4^{32}, 2^{19}\})$	576460752303423488
4	$\mathcal{O}(7; \{4^{34}, 2^{16}\})$	2305843009213693952
4	$\mathcal{O}(7; \{4^{36}, 2^{13}\})$	9223372036854775808
4	$\mathcal{O}(7; \{4^{38}, 2^{10}\})$	36893488147419103232
4	$\mathcal{O}(7; \{4^{40}, 2^7\})$	147573952589676412928
4	$\mathcal{O}(7; \{4^{42}, 2^4\})$	590295810358705651712
4	$\mathcal{O}(7; \{4^{44}, 2\})$	2361183241434822606848
4	$\mathcal{O}(6; \{4^2, 2^{68}\})$	33554432
4	$\mathcal{O}(6; \{4^4, 2^{65}\})$	134217728
4	$\mathcal{O}(6; \{4^6, 2^{62}\})$	536870912
4	$\mathcal{O}(6; \{4^8, 2^{59}\})$	2147483648
4	$\mathcal{O}(6; \{4^{10}, 2^{56}\})$	8589934592
4	$\mathcal{O}(6; \{4^{12}, 2^{53}\})$	34359738368
4	$\mathcal{O}(6; \{4^{14}, 2^{50}\})$	137438953472
4	$\mathcal{O}(6; \{4^{16}, 2^{47}\})$	549755813888
4	$\mathcal{O}(6; \{4^{18}, 2^{44}\})$	2199023255552
4	$\mathcal{O}(6; \{4^{20}, 2^{41}\})$	8796093022208
4	$\mathcal{O}(6; \{4^{22}, 2^{38}\})$	35184372088832
4	$\mathcal{O}(6; \{4^{24}, 2^{35}\})$	140737488355328
4	$\mathcal{O}(6; \{4^{26}, 2^{32}\})$	562949953421312
4	$\mathcal{O}(6; \{4^{28}, 2^{29}\})$	2251799813685248
4	$\mathcal{O}(6; \{4^{30}, 2^{26}\})$	9007199254740992
4	$\mathcal{O}(6; \{4^{32}, 2^{23}\})$	36028797018963968

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(6; \{4^{34}, 2^{20}\})$	144115188075855872
4	$\mathcal{O}(6; \{4^{36}, 2^{17}\})$	576460752303423488
4	$\mathcal{O}(6; \{4^{38}, 2^{14}\})$	2305843009213693952
4	$\mathcal{O}(6; \{4^{40}, 2^{11}\})$	9223372036854775808
4	$\mathcal{O}(6; \{4^{42}, 2^8\})$	36893488147419103232
4	$\mathcal{O}(6; \{4^{44}, 2^5\})$	147573952589676412928
4	$\mathcal{O}(6; \{4^{46}, 2^2\})$	590295810358705651712
4	$\mathcal{O}(5; \{4^2, 2^{72}\})$	2097152
4	$\mathcal{O}(5; \{4^4, 2^{69}\})$	8388608
4	$\mathcal{O}(5; \{4^6, 2^{66}\})$	33554432
4	$\mathcal{O}(5; \{4^8, 2^{63}\})$	134217728
4	$\mathcal{O}(5; \{4^{10}, 2^{60}\})$	536870912
4	$\mathcal{O}(5; \{4^{12}, 2^{57}\})$	2147483648
4	$\mathcal{O}(5; \{4^{14}, 2^{54}\})$	8589934592
4	$\mathcal{O}(5; \{4^{16}, 2^{51}\})$	34359738368
4	$\mathcal{O}(5; \{4^{18}, 2^{48}\})$	137438953472
4	$\mathcal{O}(5; \{4^{20}, 2^{45}\})$	549755813888
4	$\mathcal{O}(5; \{4^{22}, 2^{42}\})$	2199023255552
4	$\mathcal{O}(5; \{4^{24}, 2^{39}\})$	8796093022208
4	$\mathcal{O}(5; \{4^{26}, 2^{36}\})$	35184372088832
4	$\mathcal{O}(5; \{4^{28}, 2^{33}\})$	140737488355328
4	$\mathcal{O}(5; \{4^{30}, 2^{30}\})$	562949953421312
4	$\mathcal{O}(5; \{4^{32}, 2^{27}\})$	2251799813685248
4	$\mathcal{O}(5; \{4^{34}, 2^{24}\})$	9007199254740992
4	$\mathcal{O}(5; \{4^{36}, 2^{21}\})$	36028797018963968
4	$\mathcal{O}(5; \{4^{38}, 2^{18}\})$	144115188075855872
4	$\mathcal{O}(5; \{4^{40}, 2^{15}\})$	576460752303423488
4	$\mathcal{O}(5; \{4^{42}, 2^{12}\})$	2305843009213693952
4	$\mathcal{O}(5; \{4^{44}, 2^9\})$	9223372036854775808
4	$\mathcal{O}(5; \{4^{46}, 2^6\})$	36893488147419103232
4	$\mathcal{O}(5; \{4^{48}, 2^3\})$	147573952589676412928
4	$\mathcal{O}(5; \{4^{50}\})$	590295810358705651712
4	$\mathcal{O}(4; \{4^2, 2^{76}\})$	131072
4	$\mathcal{O}(4; \{4^4, 2^{73}\})$	524288
4	$\mathcal{O}(4; \{4^6, 2^{70}\})$	2097152
4	$\mathcal{O}(4; \{4^8, 2^{67}\})$	8388608
4	$\mathcal{O}(4; \{4^{10}, 2^{64}\})$	33554432
4	$\mathcal{O}(4; \{4^{12}, 2^{61}\})$	134217728
4	$\mathcal{O}(4; \{4^{14}, 2^{58}\})$	536870912
4	$\mathcal{O}(4; \{4^{16}, 2^{55}\})$	2147483648
4	$\mathcal{O}(4; \{4^{18}, 2^{52}\})$	8589934592
4	$\mathcal{O}(4; \{4^{20}, 2^{49}\})$	34359738368
4	$\mathcal{O}(4; \{4^{22}, 2^{46}\})$	137438953472

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(4; \{4^{24}, 2^{43}\})$	549755813888
4	$\mathcal{O}(4; \{4^{26}, 2^{40}\})$	2199023255552
4	$\mathcal{O}(4; \{4^{28}, 2^{37}\})$	8796093022208
4	$\mathcal{O}(4; \{4^{30}, 2^{34}\})$	35184372088832
4	$\mathcal{O}(4; \{4^{32}, 2^{31}\})$	140737488355328
4	$\mathcal{O}(4; \{4^{34}, 2^{28}\})$	562949953421312
4	$\mathcal{O}(4; \{4^{36}, 2^{25}\})$	2251799813685248
4	$\mathcal{O}(4; \{4^{38}, 2^{22}\})$	9007199254740992
4	$\mathcal{O}(4; \{4^{40}, 2^{19}\})$	36028797018963968
4	$\mathcal{O}(4; \{4^{42}, 2^{16}\})$	144115188075855872
4	$\mathcal{O}(4; \{4^{44}, 2^{13}\})$	576460752303423488
4	$\mathcal{O}(4; \{4^{46}, 2^{10}\})$	2305843009213693952
4	$\mathcal{O}(4; \{4^{48}, 2^7\})$	9223372036854775808
4	$\mathcal{O}(4; \{4^{50}, 2^4\})$	36893488147419103232
4	$\mathcal{O}(4; \{4^{52}, 2\})$	147573952589676412928
4	$\mathcal{O}(3; \{4^2, 2^{80}\})$	8192
4	$\mathcal{O}(3; \{4^4, 2^{77}\})$	32768
4	$\mathcal{O}(3; \{4^6, 2^{74}\})$	131072
4	$\mathcal{O}(3; \{4^8, 2^{71}\})$	524288
4	$\mathcal{O}(3; \{4^{10}, 2^{68}\})$	2097152
4	$\mathcal{O}(3; \{4^{12}, 2^{65}\})$	8388608
4	$\mathcal{O}(3; \{4^{14}, 2^{62}\})$	33554432
4	$\mathcal{O}(3; \{4^{16}, 2^{59}\})$	134217728
4	$\mathcal{O}(3; \{4^{18}, 2^{56}\})$	536870912
4	$\mathcal{O}(3; \{4^{20}, 2^{53}\})$	2147483648
4	$\mathcal{O}(3; \{4^{22}, 2^{50}\})$	8589934592
4	$\mathcal{O}(3; \{4^{24}, 2^{47}\})$	34359738368
4	$\mathcal{O}(3; \{4^{26}, 2^{44}\})$	137438953472
4	$\mathcal{O}(3; \{4^{28}, 2^{41}\})$	549755813888
4	$\mathcal{O}(3; \{4^{30}, 2^{38}\})$	2199023255552
4	$\mathcal{O}(3; \{4^{32}, 2^{35}\})$	8796093022208
4	$\mathcal{O}(3; \{4^{34}, 2^{32}\})$	35184372088832
4	$\mathcal{O}(3; \{4^{36}, 2^{29}\})$	140737488355328
4	$\mathcal{O}(3; \{4^{38}, 2^{26}\})$	562949953421312
4	$\mathcal{O}(3; \{4^{40}, 2^{23}\})$	2251799813685248
4	$\mathcal{O}(3; \{4^{42}, 2^{20}\})$	9007199254740992
4	$\mathcal{O}(3; \{4^{44}, 2^{17}\})$	36028797018963968
4	$\mathcal{O}(3; \{4^{46}, 2^{14}\})$	144115188075855872
4	$\mathcal{O}(3; \{4^{48}, 2^{11}\})$	576460752303423488
4	$\mathcal{O}(3; \{4^{50}, 2^8\})$	2305843009213693952
4	$\mathcal{O}(3; \{4^{52}, 2^5\})$	9223372036854775808
4	$\mathcal{O}(3; \{4^{54}, 2^2\})$	36893488147419103232
4	$\mathcal{O}(2; \{4^2, 2^{84}\})$	512

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(2; \{4^4, 2^{81}\})$	2048
4	$\mathcal{O}(2; \{4^6, 2^{78}\})$	8192
4	$\mathcal{O}(2; \{4^8, 2^{75}\})$	32768
4	$\mathcal{O}(2; \{4^{10}, 2^{72}\})$	131072
4	$\mathcal{O}(2; \{4^{12}, 2^{69}\})$	524288
4	$\mathcal{O}(2; \{4^{14}, 2^{66}\})$	2097152
4	$\mathcal{O}(2; \{4^{16}, 2^{63}\})$	8388608
4	$\mathcal{O}(2; \{4^{18}, 2^{60}\})$	33554432
4	$\mathcal{O}(2; \{4^{20}, 2^{57}\})$	134217728
4	$\mathcal{O}(2; \{4^{22}, 2^{54}\})$	536870912
4	$\mathcal{O}(2; \{4^{24}, 2^{51}\})$	2147483648
4	$\mathcal{O}(2; \{4^{26}, 2^{48}\})$	8589934592
4	$\mathcal{O}(2; \{4^{28}, 2^{45}\})$	34359738368
4	$\mathcal{O}(2; \{4^{30}, 2^{42}\})$	137438953472
4	$\mathcal{O}(2; \{4^{32}, 2^{39}\})$	549755813888
4	$\mathcal{O}(2; \{4^{34}, 2^{36}\})$	2199023255552
4	$\mathcal{O}(2; \{4^{36}, 2^{33}\})$	8796093022208
4	$\mathcal{O}(2; \{4^{38}, 2^{30}\})$	35184372088832
4	$\mathcal{O}(2; \{4^{40}, 2^{27}\})$	140737488355328
4	$\mathcal{O}(2; \{4^{42}, 2^{24}\})$	562949953421312
4	$\mathcal{O}(2; \{4^{44}, 2^{21}\})$	2251799813685248
4	$\mathcal{O}(2; \{4^{46}, 2^{18}\})$	9007199254740992
4	$\mathcal{O}(2; \{4^{48}, 2^{15}\})$	36028797018963968
4	$\mathcal{O}(2; \{4^{50}, 2^{12}\})$	144115188075855872
4	$\mathcal{O}(2; \{4^{52}, 2^9\})$	576460752303423488
4	$\mathcal{O}(2; \{4^{54}, 2^6\})$	2305843009213693952
4	$\mathcal{O}(2; \{4^{56}, 2^3\})$	9223372036854775808
4	$\mathcal{O}(2; \{4^{58}\})$	36893488147419103232
4	$\mathcal{O}(1; \{4^2, 2^{88}\})$	32
4	$\mathcal{O}(1; \{4^4, 2^{85}\})$	128
4	$\mathcal{O}(1; \{4^6, 2^{82}\})$	512
4	$\mathcal{O}(1; \{4^8, 2^{79}\})$	2048
4	$\mathcal{O}(1; \{4^{10}, 2^{76}\})$	8192
4	$\mathcal{O}(1; \{4^{12}, 2^{73}\})$	32768
4	$\mathcal{O}(1; \{4^{14}, 2^{70}\})$	131072
4	$\mathcal{O}(1; \{4^{16}, 2^{67}\})$	524288
4	$\mathcal{O}(1; \{4^{18}, 2^{64}\})$	2097152
4	$\mathcal{O}(1; \{4^{20}, 2^{61}\})$	8388608
4	$\mathcal{O}(1; \{4^{22}, 2^{58}\})$	33554432
4	$\mathcal{O}(1; \{4^{24}, 2^{55}\})$	134217728
4	$\mathcal{O}(1; \{4^{26}, 2^{52}\})$	536870912
4	$\mathcal{O}(1; \{4^{28}, 2^{49}\})$	2147483648
4	$\mathcal{O}(1; \{4^{30}, 2^{46}\})$	8589934592

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(1; \{4^{32}, 2^{43}\})$	34359738368
4	$\mathcal{O}(1; \{4^{34}, 2^{40}\})$	137438953472
4	$\mathcal{O}(1; \{4^{36}, 2^{37}\})$	549755813888
4	$\mathcal{O}(1; \{4^{38}, 2^{34}\})$	2199023255552
4	$\mathcal{O}(1; \{4^{40}, 2^{31}\})$	8796093022208
4	$\mathcal{O}(1; \{4^{42}, 2^{28}\})$	35184372088832
4	$\mathcal{O}(1; \{4^{44}, 2^{25}\})$	140737488355328
4	$\mathcal{O}(1; \{4^{46}, 2^{22}\})$	562949953421312
4	$\mathcal{O}(1; \{4^{48}, 2^{19}\})$	2251799813685248
4	$\mathcal{O}(1; \{4^{50}, 2^{16}\})$	9007199254740992
4	$\mathcal{O}(1; \{4^{52}, 2^{13}\})$	36028797018963968
4	$\mathcal{O}(1; \{4^{54}, 2^{10}\})$	144115188075855872
4	$\mathcal{O}(1; \{4^{56}, 2^7\})$	576460752303423488
4	$\mathcal{O}(1; \{4^{58}, 2^4\})$	2305843009213693952
4	$\mathcal{O}(1; \{4^{60}, 2\})$	9223372036854775808
4	$\mathcal{O}(0; \{4^2, 2^{92}\})$	2
4	$\mathcal{O}(0; \{4^4, 2^{89}\})$	8
4	$\mathcal{O}(0; \{4^6, 2^{86}\})$	32
4	$\mathcal{O}(0; \{4^8, 2^{83}\})$	128
4	$\mathcal{O}(0; \{4^{10}, 2^{80}\})$	512
4	$\mathcal{O}(0; \{4^{12}, 2^{77}\})$	2048
4	$\mathcal{O}(0; \{4^{14}, 2^{74}\})$	8192
4	$\mathcal{O}(0; \{4^{16}, 2^{71}\})$	32768
4	$\mathcal{O}(0; \{4^{18}, 2^{68}\})$	131072
4	$\mathcal{O}(0; \{4^{20}, 2^{65}\})$	524288
4	$\mathcal{O}(0; \{4^{22}, 2^{62}\})$	2097152
4	$\mathcal{O}(0; \{4^{24}, 2^{59}\})$	8388608
4	$\mathcal{O}(0; \{4^{26}, 2^{56}\})$	33554432
4	$\mathcal{O}(0; \{4^{28}, 2^{53}\})$	134217728
4	$\mathcal{O}(0; \{4^{30}, 2^{50}\})$	536870912
4	$\mathcal{O}(0; \{4^{32}, 2^{47}\})$	2147483648
4	$\mathcal{O}(0; \{4^{34}, 2^{44}\})$	8589934592
4	$\mathcal{O}(0; \{4^{36}, 2^{41}\})$	34359738368
4	$\mathcal{O}(0; \{4^{38}, 2^{38}\})$	137438953472
4	$\mathcal{O}(0; \{4^{40}, 2^{35}\})$	549755813888
4	$\mathcal{O}(0; \{4^{42}, 2^{32}\})$	2199023255552
4	$\mathcal{O}(0; \{4^{44}, 2^{29}\})$	8796093022208
4	$\mathcal{O}(0; \{4^{46}, 2^{26}\})$	35184372088832
4	$\mathcal{O}(0; \{4^{48}, 2^{23}\})$	140737488355328
4	$\mathcal{O}(0; \{4^{50}, 2^{20}\})$	562949953421312
4	$\mathcal{O}(0; \{4^{52}, 2^{17}\})$	2251799813685248
4	$\mathcal{O}(0; \{4^{54}, 2^{14}\})$	9007199254740992
4	$\mathcal{O}(0; \{4^{56}, 2^{11}\})$	36028797018963968

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(0; \{4^{58}, 2^8\})$	144115188075855872
4	$\mathcal{O}(0; \{4^{60}, 2^5\})$	576460752303423488
4	$\mathcal{O}(0; \{4^{62}, 2^2\})$	2305843009213693952
5	$\mathcal{O}(18; \{5^3\})$	174622982740402221679687500
5	$\mathcal{O}(16; \{5^8\})$	305194407701492309570312500
5	$\mathcal{O}(14; \{5^{13}\})$	499999970197677612304687500
5	$\mathcal{O}(12; \{5^{18}\})$	819200000047683715820312500
5	$\mathcal{O}(10; \{5^{23}\})$	1342177279999923706054687500
5	$\mathcal{O}(8; \{5^{28}\})$	2199023255552000122070312500
5	$\mathcal{O}(6; \{5^{33}\})$	3602879701896396799804687500
5	$\mathcal{O}(4; \{5^{38}\})$	5902958103587056517120312500
5	$\mathcal{O}(2; \{5^{43}\})$	9671406556917033397649407500
5	$\mathcal{O}(0; \{5^{48}\})$	15845632502852867518708790068
6	$\mathcal{O}(15; \{3^2, 2^2\})$	442147839441466715799552
6	$\mathcal{O}(15; \{6^2, 3\})$	442147839441466715799552
6	$\mathcal{O}(14; \{3^2, 2^6\})$	12281884428929630994432
6	$\mathcal{O}(14; \{3^5, 2^2\})$	61409422144648154972160
6	$\mathcal{O}(14; \{6, 3^3, 2^3\})$	36845653286788892983296
6	$\mathcal{O}(14; \{6^2, 3, 2^4\})$	12281884428929630994432
6	$\mathcal{O}(14; \{6^2, 3^4\})$	135100728718225940938752
6	$\mathcal{O}(14; \{6^3, 3^2, 2\})$	61409422144648154972160
6	$\mathcal{O}(14; \{6^4, 2^2\})$	36845653286788892983296
6	$\mathcal{O}(13; \{3^2, 2^{10}\})$	341163456359156416512
6	$\mathcal{O}(13; \{3^5, 2^6\})$	1705817281795782082560
6	$\mathcal{O}(13; \{3^8, 2^2\})$	14670028623443725910016
6	$\mathcal{O}(13; \{6, 3^3, 2^7\})$	1023490369077469249536
6	$\mathcal{O}(13; \{6, 3^6, 2^3\})$	7164432583542284746752
6	$\mathcal{O}(13; \{6^2, 3, 2^8\})$	341163456359156416512
6	$\mathcal{O}(13; \{6^2, 3^4, 2^4\})$	3752798019950720581632
6	$\mathcal{O}(13; \{6^2, 3^7\})$	28998893790528295403520
6	$\mathcal{O}(13; \{6^3, 3^2, 2^5\})$	1705817281795782082560
6	$\mathcal{O}(13; \{6^3, 3^5, 2\})$	14670028623443725910016
6	$\mathcal{O}(13; \{6^4, 2^6\})$	1023490369077469249536
6	$\mathcal{O}(13; \{6^4, 3^3, 2^2\})$	7164432583542284746752
6	$\mathcal{O}(13; \{6^5, 3, 2^3\})$	3752798019950720581632
6	$\mathcal{O}(13; \{6^6, 3^2\})$	14670028623443725910016
6	$\mathcal{O}(13; \{6^7, 2\})$	7164432583542284746752
6	$\mathcal{O}(12; \{3^2, 2^{14}\})$	9476762676643233792
6	$\mathcal{O}(12; \{3^5, 2^{10}\})$	47383813383216168960
6	$\mathcal{O}(12; \{3^8, 2^6\})$	407500795095659053056
6	$\mathcal{O}(12; \{3^{11}, 2^2\})$	3231576072735342723072
6	$\mathcal{O}(12; \{6, 3^3, 2^{11}\})$	28430288029929701376
6	$\mathcal{O}(12; \{6, 3^6, 2^7\})$	199012016209507909632

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(12; \{6, 3^9, 2^3\})$	1620526417705992978432
6	$\mathcal{O}(12; \{6^2, 3, 2^{12}\})$	9476762676643233792
6	$\mathcal{O}(12; \{6^2, 3^4, 2^8\})$	104244389443075571712
6	$\mathcal{O}(12; \{6^2, 3^7, 2^4\})$	805524827514674872320
6	$\mathcal{O}(12; \{6^2, 3^{10}\})$	6472628908147328679936
6	$\mathcal{O}(12; \{6^3, 3^2, 2^9\})$	47383813383216168960
6	$\mathcal{O}(12; \{6^3, 3^5, 2^5\})$	407500795095659053056
6	$\mathcal{O}(12; \{6^3, 3^8, 2\})$	3231576072735342723072
6	$\mathcal{O}(12; \{6^4, 2^{10}\})$	28430288029929701376
6	$\mathcal{O}(12; \{6^4, 3^3, 2^6\})$	199012016209507909632
6	$\mathcal{O}(12; \{6^4, 3^6, 2^2\})$	1620526417705992978432
6	$\mathcal{O}(12; \{6^5, 3, 2^7\})$	104244389443075571712
6	$\mathcal{O}(12; \{6^5, 3^4, 2^3\})$	805524827514674872320
6	$\mathcal{O}(12; \{6^6, 3^2, 2^4\})$	407500795095659053056
6	$\mathcal{O}(12; \{6^6, 3^5\})$	3231576072735342723072
6	$\mathcal{O}(12; \{6^7, 2^5\})$	199012016209507909632
6	$\mathcal{O}(12; \{6^7, 3^3, 2\})$	1620526417705992978432
6	$\mathcal{O}(12; \{6^8, 3, 2^2\})$	805524827514674872320
6	$\mathcal{O}(12; \{6^{10}\})$	1620526417705992978432
6	$\mathcal{O}(11; \{3^2, 2^{18}\})$	263243407684534272
6	$\mathcal{O}(11; \{3^5, 2^{14}\})$	1316217038422671360
6	$\mathcal{O}(11; \{3^8, 2^{10}\})$	11319466530434973696
6	$\mathcal{O}(11; \{3^{11}, 2^6\})$	89766002020426186752
6	$\mathcal{O}(11; \{3^{14}, 2^2\})$	718917746386463096832
6	$\mathcal{O}(11; \{6, 3^3, 2^{15}\})$	789730223053602816
6	$\mathcal{O}(11; \{6, 3^6, 2^{11}\})$	5528111561375219712
6	$\mathcal{O}(11; \{6, 3^9, 2^7\})$	45014622714055360512
6	$\mathcal{O}(11; \{6, 3^{12}, 2^3\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^2, 3, 2^{16}\})$	263243407684534272
6	$\mathcal{O}(11; \{6^2, 3^4, 2^{12}\})$	2895677484529876992
6	$\mathcal{O}(11; \{6^2, 3^7, 2^8\})$	22375689653185413120
6	$\mathcal{O}(11; \{6^2, 3^{10}, 2^4\})$	179795247448536907776
6	$\mathcal{O}(11; \{6^2, 3^{13}\})$	1437572249365241659392
6	$\mathcal{O}(11; \{6^3, 3^2, 2^{13}\})$	1316217038422671360
6	$\mathcal{O}(11; \{6^3, 3^5, 2^9\})$	11319466530434973696
6	$\mathcal{O}(11; \{6^3, 3^8, 2^5\})$	89766002020426186752
6	$\mathcal{O}(11; \{6^3, 3^{11}, 2\})$	718917746386463096832
6	$\mathcal{O}(11; \{6^4, 2^{14}\})$	789730223053602816
6	$\mathcal{O}(11; \{6^4, 3^3, 2^{10}\})$	5528111561375219712
6	$\mathcal{O}(11; \{6^4, 3^6, 2^6\})$	45014622714055360512
6	$\mathcal{O}(11; \{6^4, 3^9, 2^2\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^5, 3, 2^{11}\})$	2895677484529876992
6	$\mathcal{O}(11; \{6^5, 3^4, 2^7\})$	22375689653185413120

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(11; \{6^5, 3^7, 2^3\})$	179795247448536907776
6	$\mathcal{O}(11; \{6^6, 3^2, 2^8\})$	11319466530434973696
6	$\mathcal{O}(11; \{6^6, 3^5, 2^4\})$	89766002020426186752
6	$\mathcal{O}(11; \{6^6, 3^8\})$	718917746386463096832
6	$\mathcal{O}(11; \{6^7, 2^9\})$	5528111561375219712
6	$\mathcal{O}(11; \{6^7, 3^3, 2^5\})$	45014622714055360512
6	$\mathcal{O}(11; \{6^7, 3^6, 2\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^8, 3, 2^6\})$	22375689653185413120
6	$\mathcal{O}(11; \{6^8, 3^4, 2^2\})$	179795247448536907776
6	$\mathcal{O}(11; \{6^9, 3^2, 2^3\})$	89766002020426186752
6	$\mathcal{O}(11; \{6^{10}, 2^4\})$	45014622714055360512
6	$\mathcal{O}(11; \{6^{10}, 3^3\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^{11}, 3, 2\})$	179795247448536907776
6	$\mathcal{O}(10; \{3^2, 2^{22}\})$	7312316880125952
6	$\mathcal{O}(10; \{3^5, 2^{18}\})$	36561584400629760
6	$\mathcal{O}(10; \{3^8, 2^{14}\})$	314429625845415936
6	$\mathcal{O}(10; \{3^{11}, 2^{10}\})$	2493500056122949632
6	$\mathcal{O}(10; \{3^{14}, 2^6\})$	19969937399623974912
6	$\mathcal{O}(10; \{3^{17}, 2^2\})$	159737562246351421440
6	$\mathcal{O}(10; \{6, 3^3, 2^{19}\})$	21936950640377856
6	$\mathcal{O}(10; \{6, 3^6, 2^{15}\})$	153558654482644992
6	$\mathcal{O}(10; \{6, 3^9, 2^{11}\})$	1250406186501537792
6	$\mathcal{O}(10; \{6, 3^{12}, 2^7\})$	9981312541371924480
6	$\mathcal{O}(10; \{6, 3^{15}, 2^3\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^2, 3, 2^{20}\})$	7312316880125952
6	$\mathcal{O}(10; \{6^2, 3^4, 2^{16}\})$	80435485681385472
6	$\mathcal{O}(10; \{6^2, 3^7, 2^{12}\})$	621546934810705920
6	$\mathcal{O}(10; \{6^2, 3^{10}, 2^8\})$	4994312429126025216
6	$\mathcal{O}(10; \{6^2, 3^{13}, 2^4\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^2, 3^{16}\})$	319482436809582968832
6	$\mathcal{O}(10; \{6^3, 3^2, 2^{17}\})$	36561584400629760
6	$\mathcal{O}(10; \{6^3, 3^5, 2^{13}\})$	314429625845415936
6	$\mathcal{O}(10; \{6^3, 3^8, 2^9\})$	2493500056122949632
6	$\mathcal{O}(10; \{6^3, 3^{11}, 2^5\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^3, 3^{14}, 2\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^4, 2^{18}\})$	21936950640377856
6	$\mathcal{O}(10; \{6^4, 3^3, 2^{14}\})$	153558654482644992
6	$\mathcal{O}(10; \{6^4, 3^6, 2^{10}\})$	1250406186501537792
6	$\mathcal{O}(10; \{6^4, 3^9, 2^6\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^4, 3^{12}, 2^2\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^5, 3, 2^{15}\})$	80435485681385472
6	$\mathcal{O}(10; \{6^5, 3^4, 2^{11}\})$	621546934810705920
6	$\mathcal{O}(10; \{6^5, 3^7, 2^7\})$	4994312429126025216

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(10; \{6^5, 3^{10}, 2^3\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^6, 3^2, 2^{12}\})$	314429625845415936
6	$\mathcal{O}(10; \{6^6, 3^5, 2^8\})$	2493500056122949632
6	$\mathcal{O}(10; \{6^6, 3^8, 2^4\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^6, 3^{11}\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^7, 2^{13}\})$	153558654482644992
6	$\mathcal{O}(10; \{6^7, 3^3, 2^9\})$	1250406186501537792
6	$\mathcal{O}(10; \{6^7, 3^6, 2^5\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^7, 3^9, 2\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^8, 3, 2^{10}\})$	621546934810705920
6	$\mathcal{O}(10; \{6^8, 3^4, 2^6\})$	4994312429126025216
6	$\mathcal{O}(10; \{6^8, 3^7, 2^2\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^9, 3^2, 2^7\})$	2493500056122949632
6	$\mathcal{O}(10; \{6^9, 3^5, 2^3\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^{10}, 2^8\})$	1250406186501537792
6	$\mathcal{O}(10; \{6^{10}, 3^3, 2^4\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^{10}, 3^6\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^{11}, 3, 2^5\})$	4994312429126025216
6	$\mathcal{O}(10; \{6^{11}, 3^4, 2\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^{12}, 3^2, 2^2\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^{13}, 2^3\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^{14}, 3\})$	39932562482367823872
6	$\mathcal{O}(9; \{3^2, 2^{26}\})$	203119913336832
6	$\mathcal{O}(9; \{3^5, 2^{22}\})$	1015599566684160
6	$\mathcal{O}(9; \{3^8, 2^{18}\})$	8734156273483776
6	$\mathcal{O}(9; \{3^{11}, 2^{14}\})$	69263890447859712
6	$\mathcal{O}(9; \{3^{14}, 2^{10}\})$	554720483322888192
6	$\mathcal{O}(9; \{3^{17}, 2^6\})$	4437154506843095040
6	$\mathcal{O}(9; \{3^{20}, 2^2\})$	35497845414484770816
6	$\mathcal{O}(9; \{6, 3^3, 2^{23}\})$	609359740010496
6	$\mathcal{O}(9; \{6, 3^6, 2^{19}\})$	4265518180073472
6	$\mathcal{O}(9; \{6, 3^9, 2^{15}\})$	34733505180598272
6	$\mathcal{O}(9; \{6, 3^{12}, 2^{11}\})$	277258681704775680
6	$\mathcal{O}(9; \{6, 3^{15}, 2^7\})$	2218678813378215936
6	$\mathcal{O}(9; \{6, 3^{18}, 2^3\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^2, 3, 2^{24}\})$	203119913336832
6	$\mathcal{O}(9; \{6^2, 3^4, 2^{20}\})$	2234319046705152
6	$\mathcal{O}(9; \{6^2, 3^7, 2^{16}\})$	17265192633630720
6	$\mathcal{O}(9; \{6^2, 3^{10}, 2^{12}\})$	138730900809056256
6	$\mathcal{O}(9; \{6^2, 3^{13}, 2^8\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^2, 3^{16}, 2^4\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^2, 3^{19}\})$	70995487709056204800
6	$\mathcal{O}(9; \{6^3, 3^2, 2^{21}\})$	1015599566684160

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(O), \mathbb{Z}_\ell)$
6	$\mathcal{O}(9; \{6^3, 3^5, 2^{17}\})$	8734156273483776
6	$\mathcal{O}(9; \{6^3, 3^8, 2^{13}\})$	69263890447859712
6	$\mathcal{O}(9; \{6^3, 3^{11}, 2^9\})$	554720483322888192
6	$\mathcal{O}(9; \{6^3, 3^{14}, 2^5\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^3, 3^{17}, 2\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^4, 2^{22}\})$	609359740010496
6	$\mathcal{O}(9; \{6^4, 3^3, 2^{18}\})$	4265518180073472
6	$\mathcal{O}(9; \{6^4, 3^6, 2^{14}\})$	34733505180598272
6	$\mathcal{O}(9; \{6^4, 3^9, 2^{10}\})$	277258681704775680
6	$\mathcal{O}(9; \{6^4, 3^{12}, 2^6\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^4, 3^{15}, 2^2\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^5, 3, 2^{19}\})$	2234319046705152
6	$\mathcal{O}(9; \{6^5, 3^4, 2^{15}\})$	17265192633630720
6	$\mathcal{O}(9; \{6^5, 3^7, 2^{11}\})$	138730900809056256
6	$\mathcal{O}(9; \{6^5, 3^{10}, 2^7\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^5, 3^{13}, 2^3\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^6, 3^2, 2^{16}\})$	8734156273483776
6	$\mathcal{O}(9; \{6^6, 3^5, 2^{12}\})$	69263890447859712
6	$\mathcal{O}(9; \{6^6, 3^8, 2^8\})$	554720483322888192
6	$\mathcal{O}(9; \{6^6, 3^{11}, 2^4\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^6, 3^{14}\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^7, 2^{17}\})$	4265518180073472
6	$\mathcal{O}(9; \{6^7, 3^3, 2^{13}\})$	34733505180598272
6	$\mathcal{O}(9; \{6^7, 3^6, 2^9\})$	277258681704775680
6	$\mathcal{O}(9; \{6^7, 3^9, 2^5\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^7, 3^{12}, 2\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^8, 3, 2^{14}\})$	17265192633630720
6	$\mathcal{O}(9; \{6^8, 3^4, 2^{10}\})$	138730900809056256
6	$\mathcal{O}(9; \{6^8, 3^7, 2^6\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^8, 3^{10}, 2^2\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^9, 3^2, 2^{11}\})$	69263890447859712
6	$\mathcal{O}(9; \{6^9, 3^5, 2^7\})$	554720483322888192
6	$\mathcal{O}(9; \{6^9, 3^8, 2^3\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^{10}, 2^{12}\})$	34733505180598272
6	$\mathcal{O}(9; \{6^{10}, 3^3, 2^8\})$	277258681704775680
6	$\mathcal{O}(9; \{6^{10}, 3^6, 2^4\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^{10}, 3^9\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^{11}, 3, 2^9\})$	138730900809056256
6	$\mathcal{O}(9; \{6^{11}, 3^4, 2^5\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^{11}, 3^7, 2\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^{12}, 3^2, 2^6\})$	554720483322888192
6	$\mathcal{O}(9; \{6^{12}, 3^5, 2^2\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^{13}, 2^7\})$	277258681704775680

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(9; \{6^{13}, 3^3, 2^3\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^{14}, 3, 2^4\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^{14}, 3^4\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^{15}, 3^2, 2\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^{16}, 2^2\})$	2218678813378215936
6	$\mathcal{O}(8; \{3^2, 2^{30}\})$	5642219814912
6	$\mathcal{O}(8; \{3^5, 2^{26}\})$	28211099074560
6	$\mathcal{O}(8; \{3^8, 2^{22}\})$	242615452041216
6	$\mathcal{O}(8; \{3^{11}, 2^{18}\})$	1923996956884992
6	$\mathcal{O}(8; \{3^{14}, 2^{14}\})$	15408902314524672
6	$\mathcal{O}(8; \{3^{17}, 2^{10}\})$	123254291856752640
6	$\mathcal{O}(8; \{3^{20}, 2^6\})$	986051261513465856
6	$\mathcal{O}(8; \{3^{23}, 2^2\})$	7888393165448282112
6	$\mathcal{O}(8; \{6, 3^3, 2^{27}\})$	16926659444736
6	$\mathcal{O}(8; \{6, 3^6, 2^{23}\})$	118486616113152
6	$\mathcal{O}(8; \{6, 3^9, 2^{19}\})$	964819588349952
6	$\mathcal{O}(8; \{6, 3^{12}, 2^{15}\})$	7701630047354880
6	$\mathcal{O}(8; \{6, 3^{15}, 2^{11}\})$	61629967038283776
6	$\mathcal{O}(8; \{6, 3^{18}, 2^7\})$	493022809646825472
6	$\mathcal{O}(8; \{6, 3^{21}, 2^3\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^2, 3, 2^{28}\})$	5642219814912
6	$\mathcal{O}(8; \{6^2, 3^4, 2^{24}\})$	62064417964032
6	$\mathcal{O}(8; \{6^2, 3^7, 2^{20}\})$	479588684267520
6	$\mathcal{O}(8; \{6^2, 3^{10}, 2^{16}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^2, 3^{13}, 2^{12}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^2, 3^{16}, 2^8\})$	246514225933320192
6	$\mathcal{O}(8; \{6^2, 3^{19}, 2^4\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^2, 3^{22}\})$	15776791973116379136
6	$\mathcal{O}(8; \{6^3, 3^2, 2^{25}\})$	28211099074560
6	$\mathcal{O}(8; \{6^3, 3^5, 2^{21}\})$	242615452041216
6	$\mathcal{O}(8; \{6^3, 3^8, 2^{17}\})$	1923996956884992
6	$\mathcal{O}(8; \{6^3, 3^{11}, 2^{13}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^3, 3^{14}, 2^9\})$	123254291856752640
6	$\mathcal{O}(8; \{6^3, 3^{17}, 2^5\})$	986051261513465856
6	$\mathcal{O}(8; \{6^3, 3^{20}, 2\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^4, 2^{26}\})$	16926659444736
6	$\mathcal{O}(8; \{6^4, 3^3, 2^{22}\})$	118486616113152
6	$\mathcal{O}(8; \{6^4, 3^6, 2^{18}\})$	964819588349952
6	$\mathcal{O}(8; \{6^4, 3^9, 2^{14}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^4, 3^{12}, 2^{10}\})$	61629967038283776
6	$\mathcal{O}(8; \{6^4, 3^{15}, 2^6\})$	493022809646825472
6	$\mathcal{O}(8; \{6^4, 3^{18}, 2^2\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^5, 3, 2^{23}\})$	62064417964032

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(8; \{6^5, 3^4, 2^{19}\})$	479588684267520
6	$\mathcal{O}(8; \{6^5, 3^7, 2^{15}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^5, 3^{10}, 2^{11}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^5, 3^{13}, 2^7\})$	246514225933320192
6	$\mathcal{O}(8; \{6^5, 3^{16}, 2^3\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^6, 3^2, 2^{20}\})$	242615452041216
6	$\mathcal{O}(8; \{6^6, 3^5, 2^{16}\})$	1923996956884992
6	$\mathcal{O}(8; \{6^6, 3^8, 2^{12}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^6, 3^{11}, 2^8\})$	123254291856752640
6	$\mathcal{O}(8; \{6^6, 3^{14}, 2^4\})$	986051261513465856
6	$\mathcal{O}(8; \{6^6, 3^{17}\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^7, 2^{21}\})$	118486616113152
6	$\mathcal{O}(8; \{6^7, 3^3, 2^{17}\})$	964819588349952
6	$\mathcal{O}(8; \{6^7, 3^6, 2^{13}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^7, 3^9, 2^9\})$	61629967038283776
6	$\mathcal{O}(8; \{6^7, 3^{12}, 2^5\})$	493022809646825472
6	$\mathcal{O}(8; \{6^7, 3^{15}, 2\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^8, 3, 2^{18}\})$	479588684267520
6	$\mathcal{O}(8; \{6^8, 3^4, 2^{14}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^8, 3^7, 2^{10}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^8, 3^{10}, 2^6\})$	246514225933320192
6	$\mathcal{O}(8; \{6^8, 3^{13}, 2^2\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^9, 3^2, 2^{15}\})$	1923996956884992
6	$\mathcal{O}(8; \{6^9, 3^5, 2^{11}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^9, 3^8, 2^7\})$	123254291856752640
6	$\mathcal{O}(8; \{6^9, 3^{11}, 2^3\})$	986051261513465856
6	$\mathcal{O}(8; \{6^{10}, 2^{16}\})$	964819588349952
6	$\mathcal{O}(8; \{6^{10}, 3^3, 2^{12}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^{10}, 3^6, 2^8\})$	61629967038283776
6	$\mathcal{O}(8; \{6^{10}, 3^9, 2^4\})$	493022809646825472
6	$\mathcal{O}(8; \{6^{10}, 3^{12}\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^{11}, 3, 2^{13}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^{11}, 3^4, 2^9\})$	30812162409234432
6	$\mathcal{O}(8; \{6^{11}, 3^7, 2^5\})$	246514225933320192
6	$\mathcal{O}(8; \{6^{11}, 3^{10}, 2\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^{12}, 3^2, 2^{10}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^{12}, 3^5, 2^6\})$	123254291856752640
6	$\mathcal{O}(8; \{6^{12}, 3^8, 2^2\})$	986051261513465856
6	$\mathcal{O}(8; \{6^{13}, 2^{11}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^{13}, 3^3, 2^7\})$	61629967038283776
6	$\mathcal{O}(8; \{6^{13}, 3^6, 2^3\})$	493022809646825472
6	$\mathcal{O}(8; \{6^{14}, 3, 2^8\})$	30812162409234432
6	$\mathcal{O}(8; \{6^{14}, 3^4, 2^4\})$	246514225933320192

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(8; \{6^{14}, 3^7\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^{15}, 3^2, 2^5\})$	123254291856752640
6	$\mathcal{O}(8; \{6^{15}, 3^5, 2\})$	986051261513465856
6	$\mathcal{O}(8; \{6^{16}, 2^6\})$	61629967038283776
6	$\mathcal{O}(8; \{6^{16}, 3^3, 2^2\})$	493022809646825472
6	$\mathcal{O}(8; \{6^{17}, 3, 2^3\})$	246514225933320192
6	$\mathcal{O}(8; \{6^{18}, 3^2\})$	986051261513465856
6	$\mathcal{O}(8; \{6^{19}, 2\})$	493022809646825472
6	$\mathcal{O}(7; \{3^2, 2^{34}\})$	156728328192
6	$\mathcal{O}(7; \{3^5, 2^{30}\})$	783641640960
6	$\mathcal{O}(7; \{3^8, 2^{26}\})$	6739318112256
6	$\mathcal{O}(7; \{3^{11}, 2^{22}\})$	53444359913472
6	$\mathcal{O}(7; \{3^{14}, 2^{18}\})$	428025064292352
6	$\mathcal{O}(7; \{3^{17}, 2^{14}\})$	3423730329354240
6	$\mathcal{O}(7; \{3^{20}, 2^{10}\})$	27390312819818496
6	$\mathcal{O}(7; \{3^{23}, 2^6\})$	219122032373563392
6	$\mathcal{O}(7; \{3^{26}, 2^2\})$	1752976729173491712
6	$\mathcal{O}(7; \{6, 3^3, 2^{31}\})$	470184984576
6	$\mathcal{O}(7; \{6, 3^6, 2^{27}\})$	3291294892032
6	$\mathcal{O}(7; \{6, 3^9, 2^{23}\})$	26800544120832
6	$\mathcal{O}(7; \{6, 3^{12}, 2^{19}\})$	213934167982080
6	$\mathcal{O}(7; \{6, 3^{15}, 2^{15}\})$	1711943528841216
6	$\mathcal{O}(7; \{6, 3^{18}, 2^{11}\})$	13695078045745152
6	$\mathcal{O}(7; \{6, 3^{21}, 2^7\})$	109561094550945792
6	$\mathcal{O}(7; \{6, 3^{24}, 2^3\})$	876488286222581760
6	$\mathcal{O}(7; \{6^2, 3, 2^{32}\})$	156728328192
6	$\mathcal{O}(7; \{6^2, 3^4, 2^{28}\})$	1724011610112
6	$\mathcal{O}(7; \{6^2, 3^7, 2^{24}\})$	13321907896320
6	$\mathcal{O}(7; \{6^2, 3^{10}, 2^{20}\})$	107045448155136
6	$\mathcal{O}(7; \{6^2, 3^{13}, 2^{16}\})$	855893400256512
6	$\mathcal{O}(7; \{6^2, 3^{16}, 2^{12}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^2, 3^{19}, 2^8\})$	54780468911308800
6	$\mathcal{O}(7; \{6^2, 3^{22}, 2^4\})$	438244221475454976
6	$\mathcal{O}(7; \{6^2, 3^{25}\})$	3505953301618655232
6	$\mathcal{O}(7; \{6^3, 3^2, 2^{29}\})$	783641640960
6	$\mathcal{O}(7; \{6^3, 3^5, 2^{25}\})$	6739318112256
6	$\mathcal{O}(7; \{6^3, 3^8, 2^{21}\})$	53444359913472
6	$\mathcal{O}(7; \{6^3, 3^{11}, 2^{17}\})$	428025064292352
6	$\mathcal{O}(7; \{6^3, 3^{14}, 2^{13}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^3, 3^{17}, 2^9\})$	27390312819818496
6	$\mathcal{O}(7; \{6^3, 3^{20}, 2^5\})$	219122032373563392
6	$\mathcal{O}(7; \{6^3, 3^{23}, 2\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^4, 2^{30}\})$	470184984576

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{6^4, 3^3, 2^{26}\})$	3291294892032
6	$\mathcal{O}(7; \{6^4, 3^6, 2^{22}\})$	26800544120832
6	$\mathcal{O}(7; \{6^4, 3^9, 2^{18}\})$	213934167982080
6	$\mathcal{O}(7; \{6^4, 3^{12}, 2^{14}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^4, 3^{15}, 2^{10}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^4, 3^{18}, 2^6\})$	109561094550945792
6	$\mathcal{O}(7; \{6^4, 3^{21}, 2^2\})$	876488286222581760
6	$\mathcal{O}(7; \{6^5, 3, 2^{27}\})$	1724011610112
6	$\mathcal{O}(7; \{6^5, 3^4, 2^{23}\})$	13321907896320
6	$\mathcal{O}(7; \{6^5, 3^7, 2^{19}\})$	107045448155136
6	$\mathcal{O}(7; \{6^5, 3^{10}, 2^{15}\})$	855893400256512
6	$\mathcal{O}(7; \{6^5, 3^{13}, 2^{11}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^5, 3^{16}, 2^7\})$	54780468911308800
6	$\mathcal{O}(7; \{6^5, 3^{19}, 2^3\})$	438244221475454976
6	$\mathcal{O}(7; \{6^6, 3^2, 2^{24}\})$	6739318112256
6	$\mathcal{O}(7; \{6^6, 3^5, 2^{20}\})$	53444359913472
6	$\mathcal{O}(7; \{6^6, 3^8, 2^{16}\})$	428025064292352
6	$\mathcal{O}(7; \{6^6, 3^{11}, 2^{12}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^6, 3^{14}, 2^8\})$	27390312819818496
6	$\mathcal{O}(7; \{6^6, 3^{17}, 2^4\})$	219122032373563392
6	$\mathcal{O}(7; \{6^6, 3^{20}\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^7, 2^{25}\})$	3291294892032
6	$\mathcal{O}(7; \{6^7, 3^3, 2^{21}\})$	26800544120832
6	$\mathcal{O}(7; \{6^7, 3^6, 2^{17}\})$	213934167982080
6	$\mathcal{O}(7; \{6^7, 3^9, 2^{13}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^7, 3^{12}, 2^9\})$	13695078045745152
6	$\mathcal{O}(7; \{6^7, 3^{15}, 2^5\})$	109561094550945792
6	$\mathcal{O}(7; \{6^7, 3^{18}, 2\})$	876488286222581760
6	$\mathcal{O}(7; \{6^8, 3, 2^{22}\})$	13321907896320
6	$\mathcal{O}(7; \{6^8, 3^4, 2^{18}\})$	107045448155136
6	$\mathcal{O}(7; \{6^8, 3^7, 2^{14}\})$	855893400256512
6	$\mathcal{O}(7; \{6^8, 3^{10}, 2^{10}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^8, 3^{13}, 2^6\})$	54780468911308800
6	$\mathcal{O}(7; \{6^8, 3^{16}, 2^2\})$	438244221475454976
6	$\mathcal{O}(7; \{6^9, 3^2, 2^{19}\})$	53444359913472
6	$\mathcal{O}(7; \{6^9, 3^5, 2^{15}\})$	428025064292352
6	$\mathcal{O}(7; \{6^9, 3^8, 2^{11}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^9, 3^{11}, 2^7\})$	27390312819818496
6	$\mathcal{O}(7; \{6^9, 3^{14}, 2^3\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{10}, 2^{20}\})$	26800544120832
6	$\mathcal{O}(7; \{6^{10}, 3^3, 2^{16}\})$	213934167982080
6	$\mathcal{O}(7; \{6^{10}, 3^6, 2^{12}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^{10}, 3^9, 2^8\})$	13695078045745152

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{6^{10}, 3^{12}, 2^4\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{10}, 3^{15}\})$	876488286222581760
6	$\mathcal{O}(7; \{6^{11}, 3, 2^{17}\})$	107045448155136
6	$\mathcal{O}(7; \{6^{11}, 3^4, 2^{13}\})$	855893400256512
6	$\mathcal{O}(7; \{6^{11}, 3^7, 2^9\})$	6847617387036672
6	$\mathcal{O}(7; \{6^{11}, 3^{10}, 2^5\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{11}, 3^{13}, 2\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{12}, 3^2, 2^{14}\})$	428025064292352
6	$\mathcal{O}(7; \{6^{12}, 3^5, 2^{10}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^{12}, 3^8, 2^6\})$	27390312819818496
6	$\mathcal{O}(7; \{6^{12}, 3^{11}, 2^2\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{13}, 2^{15}\})$	213934167982080
6	$\mathcal{O}(7; \{6^{13}, 3^3, 2^{11}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^{13}, 3^6, 2^7\})$	13695078045745152
6	$\mathcal{O}(7; \{6^{13}, 3^9, 2^3\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{14}, 3, 2^{12}\})$	855893400256512
6	$\mathcal{O}(7; \{6^{14}, 3^4, 2^8\})$	6847617387036672
6	$\mathcal{O}(7; \{6^{14}, 3^7, 2^4\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{14}, 3^{10}\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{15}, 3^2, 2^9\})$	3423730329354240
6	$\mathcal{O}(7; \{6^{15}, 3^5, 2^5\})$	27390312819818496
6	$\mathcal{O}(7; \{6^{15}, 3^8, 2\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{16}, 2^{10}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^{16}, 3^3, 2^6\})$	13695078045745152
6	$\mathcal{O}(7; \{6^{16}, 3^6, 2^2\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{17}, 3, 2^7\})$	6847617387036672
6	$\mathcal{O}(7; \{6^{17}, 3^4, 2^3\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{18}, 3^2, 2^4\})$	27390312819818496
6	$\mathcal{O}(7; \{6^{18}, 3^5\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{19}, 2^5\})$	13695078045745152
6	$\mathcal{O}(7; \{6^{19}, 3^3, 2\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{20}, 3, 2^2\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{22}\})$	109561094550945792
6	$\mathcal{O}(6; \{3^2, 2^{38}\})$	4353564672
6	$\mathcal{O}(6; \{3^5, 2^{34}\})$	21767823360
6	$\mathcal{O}(6; \{3^8, 2^{30}\})$	187203280896
6	$\mathcal{O}(6; \{3^{11}, 2^{26}\})$	1484565553152
6	$\mathcal{O}(6; \{3^{14}, 2^{22}\})$	11889585119232
6	$\mathcal{O}(6; \{3^{17}, 2^{18}\})$	95103620259840
6	$\mathcal{O}(6; \{3^{20}, 2^{14}\})$	760842022772736
6	$\mathcal{O}(6; \{3^{23}, 2^{10}\})$	6086723121487872
6	$\mathcal{O}(6; \{3^{26}, 2^6\})$	48693798032596992
6	$\mathcal{O}(6; \{3^{29}, 2^2\})$	389550371200081920

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{6, 3^3, 2^{35}\})$	13060694016
6	$\mathcal{O}(6; \{6, 3^6, 2^{31}\})$	91424858112
6	$\mathcal{O}(6; \{6, 3^9, 2^{27}\})$	744459558912
6	$\mathcal{O}(6; \{6, 3^{12}, 2^{23}\})$	5942615777280
6	$\mathcal{O}(6; \{6, 3^{15}, 2^{19}\})$	47553986912256
6	$\mathcal{O}(6; \{6, 3^{18}, 2^{15}\})$	380418834604032
6	$\mathcal{O}(6; \{6, 3^{21}, 2^{11}\})$	3043363737526272
6	$\mathcal{O}(6; \{6, 3^{24}, 2^7\})$	24346896839516160
6	$\mathcal{O}(6; \{6, 3^{27}, 2^3\})$	194775187776823296
6	$\mathcal{O}(6; \{6^2, 3, 2^{36}\})$	4353564672
6	$\mathcal{O}(6; \{6^2, 3^4, 2^{32}\})$	47889211392
6	$\mathcal{O}(6; \{6^2, 3^7, 2^{28}\})$	370052997120
6	$\mathcal{O}(6; \{6^2, 3^{10}, 2^{24}\})$	2973484670976
6	$\mathcal{O}(6; \{6^2, 3^{13}, 2^{20}\})$	23774816673792
6	$\mathcal{O}(6; \{6^2, 3^{16}, 2^{16}\})$	190211594084352
6	$\mathcal{O}(6; \{6^2, 3^{19}, 2^{12}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^2, 3^{22}, 2^8\})$	12173450596540416
6	$\mathcal{O}(6; \{6^2, 3^{25}, 2^4\})$	97387591711629312
6	$\mathcal{O}(6; \{6^2, 3^{28}\})$	779100746753728512
6	$\mathcal{O}(6; \{6^3, 3^2, 2^{33}\})$	21767823360
6	$\mathcal{O}(6; \{6^3, 3^5, 2^{29}\})$	187203280896
6	$\mathcal{O}(6; \{6^3, 3^8, 2^{25}\})$	1484565553152
6	$\mathcal{O}(6; \{6^3, 3^{11}, 2^{21}\})$	11889585119232
6	$\mathcal{O}(6; \{6^3, 3^{14}, 2^{17}\})$	95103620259840
6	$\mathcal{O}(6; \{6^3, 3^{17}, 2^{13}\})$	760842022772736
6	$\mathcal{O}(6; \{6^3, 3^{20}, 2^9\})$	6086723121487872
6	$\mathcal{O}(6; \{6^3, 3^{23}, 2^5\})$	48693798032596992
6	$\mathcal{O}(6; \{6^3, 3^{26}, 2\})$	389550371200081920
6	$\mathcal{O}(6; \{6^4, 2^{34}\})$	13060694016
6	$\mathcal{O}(6; \{6^4, 3^3, 2^{30}\})$	91424858112
6	$\mathcal{O}(6; \{6^4, 3^6, 2^{26}\})$	744459558912
6	$\mathcal{O}(6; \{6^4, 3^9, 2^{22}\})$	5942615777280
6	$\mathcal{O}(6; \{6^4, 3^{12}, 2^{18}\})$	47553986912256
6	$\mathcal{O}(6; \{6^4, 3^{15}, 2^{14}\})$	380418834604032
6	$\mathcal{O}(6; \{6^4, 3^{18}, 2^{10}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^4, 3^{21}, 2^6\})$	24346896839516160
6	$\mathcal{O}(6; \{6^4, 3^{24}, 2^2\})$	194775187776823296
6	$\mathcal{O}(6; \{6^5, 3, 2^{31}\})$	47889211392
6	$\mathcal{O}(6; \{6^5, 3^4, 2^{27}\})$	370052997120
6	$\mathcal{O}(6; \{6^5, 3^7, 2^{23}\})$	2973484670976
6	$\mathcal{O}(6; \{6^5, 3^{10}, 2^{19}\})$	23774816673792
6	$\mathcal{O}(6; \{6^5, 3^{13}, 2^{15}\})$	190211594084352
6	$\mathcal{O}(6; \{6^5, 3^{16}, 2^{11}\})$	1521679691980800

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{6^5, 3^{19}, 2^7\})$	12173450596540416
6	$\mathcal{O}(6; \{6^5, 3^{22}, 2^3\})$	97387591711629312
6	$\mathcal{O}(6; \{6^6, 3^2, 2^{28}\})$	187203280896
6	$\mathcal{O}(6; \{6^6, 3^5, 2^{24}\})$	1484565553152
6	$\mathcal{O}(6; \{6^6, 3^8, 2^{20}\})$	11889585119232
6	$\mathcal{O}(6; \{6^6, 3^{11}, 2^{16}\})$	95103620259840
6	$\mathcal{O}(6; \{6^6, 3^{14}, 2^{12}\})$	760842022772736
6	$\mathcal{O}(6; \{6^6, 3^{17}, 2^8\})$	6086723121487872
6	$\mathcal{O}(6; \{6^6, 3^{20}, 2^4\})$	48693798032596992
6	$\mathcal{O}(6; \{6^6, 3^{23}\})$	389550371200081920
6	$\mathcal{O}(6; \{6^7, 2^{29}\})$	91424858112
6	$\mathcal{O}(6; \{6^7, 3^3, 2^{25}\})$	744459558912
6	$\mathcal{O}(6; \{6^7, 3^6, 2^{21}\})$	5942615777280
6	$\mathcal{O}(6; \{6^7, 3^9, 2^{17}\})$	47553986912256
6	$\mathcal{O}(6; \{6^7, 3^{12}, 2^{13}\})$	380418834604032
6	$\mathcal{O}(6; \{6^7, 3^{15}, 2^9\})$	3043363737526272
6	$\mathcal{O}(6; \{6^7, 3^{18}, 2^5\})$	24346896839516160
6	$\mathcal{O}(6; \{6^7, 3^{21}, 2\})$	194775187776823296
6	$\mathcal{O}(6; \{6^8, 3, 2^{26}\})$	370052997120
6	$\mathcal{O}(6; \{6^8, 3^4, 2^{22}\})$	2973484670976
6	$\mathcal{O}(6; \{6^8, 3^7, 2^{18}\})$	23774816673792
6	$\mathcal{O}(6; \{6^8, 3^{10}, 2^{14}\})$	190211594084352
6	$\mathcal{O}(6; \{6^8, 3^{13}, 2^{10}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^8, 3^{16}, 2^6\})$	12173450596540416
6	$\mathcal{O}(6; \{6^8, 3^{19}, 2^2\})$	97387591711629312
6	$\mathcal{O}(6; \{6^9, 3^2, 2^{23}\})$	1484565553152
6	$\mathcal{O}(6; \{6^9, 3^5, 2^{19}\})$	11889585119232
6	$\mathcal{O}(6; \{6^9, 3^8, 2^{15}\})$	95103620259840
6	$\mathcal{O}(6; \{6^9, 3^{11}, 2^{11}\})$	760842022772736
6	$\mathcal{O}(6; \{6^9, 3^{14}, 2^7\})$	6086723121487872
6	$\mathcal{O}(6; \{6^9, 3^{17}, 2^3\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{10}, 2^{24}\})$	744459558912
6	$\mathcal{O}(6; \{6^{10}, 3^3, 2^{20}\})$	5942615777280
6	$\mathcal{O}(6; \{6^{10}, 3^6, 2^{16}\})$	47553986912256
6	$\mathcal{O}(6; \{6^{10}, 3^9, 2^{12}\})$	380418834604032
6	$\mathcal{O}(6; \{6^{10}, 3^{12}, 2^8\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{10}, 3^{15}, 2^4\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{10}, 3^{18}\})$	194775187776823296
6	$\mathcal{O}(6; \{6^{11}, 3, 2^{21}\})$	2973484670976
6	$\mathcal{O}(6; \{6^{11}, 3^4, 2^{17}\})$	23774816673792
6	$\mathcal{O}(6; \{6^{11}, 3^7, 2^{13}\})$	190211594084352
6	$\mathcal{O}(6; \{6^{11}, 3^{10}, 2^9\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{11}, 3^{13}, 2^5\})$	12173450596540416

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{6^{11}, 3^{16}, 2\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{12}, 3^2, 2^{18}\})$	11889585119232
6	$\mathcal{O}(6; \{6^{12}, 3^5, 2^{14}\})$	95103620259840
6	$\mathcal{O}(6; \{6^{12}, 3^8, 2^{10}\})$	760842022772736
6	$\mathcal{O}(6; \{6^{12}, 3^{11}, 2^6\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{12}, 3^{14}, 2^2\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{13}, 2^{19}\})$	5942615777280
6	$\mathcal{O}(6; \{6^{13}, 3^3, 2^{15}\})$	47553986912256
6	$\mathcal{O}(6; \{6^{13}, 3^6, 2^{11}\})$	380418834604032
6	$\mathcal{O}(6; \{6^{13}, 3^9, 2^7\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{13}, 3^{12}, 2^3\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{14}, 3, 2^{16}\})$	23774816673792
6	$\mathcal{O}(6; \{6^{14}, 3^4, 2^{12}\})$	190211594084352
6	$\mathcal{O}(6; \{6^{14}, 3^7, 2^8\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{14}, 3^{10}, 2^4\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{14}, 3^{13}\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{15}, 3^2, 2^{13}\})$	95103620259840
6	$\mathcal{O}(6; \{6^{15}, 3^5, 2^9\})$	760842022772736
6	$\mathcal{O}(6; \{6^{15}, 3^8, 2^5\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{15}, 3^{11}, 2\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{16}, 2^{14}\})$	47553986912256
6	$\mathcal{O}(6; \{6^{16}, 3^3, 2^{10}\})$	380418834604032
6	$\mathcal{O}(6; \{6^{16}, 3^6, 2^6\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{16}, 3^9, 2^2\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{17}, 3, 2^{11}\})$	190211594084352
6	$\mathcal{O}(6; \{6^{17}, 3^4, 2^7\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{17}, 3^7, 2^3\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{18}, 3^2, 2^8\})$	760842022772736
6	$\mathcal{O}(6; \{6^{18}, 3^5, 2^4\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{18}, 3^8\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{19}, 2^9\})$	380418834604032
6	$\mathcal{O}(6; \{6^{19}, 3^3, 2^5\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{19}, 3^6, 2\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{20}, 3, 2^6\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{20}, 3^4, 2^2\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{21}, 3^2, 2^3\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{22}, 2^4\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{22}, 3^3\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{23}, 3, 2\})$	12173450596540416
6	$\mathcal{O}(5; \{3^2, 2^{42}\})$	120932352
6	$\mathcal{O}(5; \{3^5, 2^{38}\})$	604661760
6	$\mathcal{O}(5; \{3^8, 2^{34}\})$	5200091136
6	$\mathcal{O}(5; \{3^{11}, 2^{30}\})$	41237932032

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{3^{14}, 2^{26}\})$	330266253312
6	$\mathcal{O}(5; \{3^{17}, 2^{22}\})$	2641767229440
6	$\mathcal{O}(5; \{3^{20}, 2^{18}\})$	21134500632576
6	$\mathcal{O}(5; \{3^{23}, 2^{14}\})$	169075642263552
6	$\mathcal{O}(5; \{3^{26}, 2^{10}\})$	1352605500905472
6	$\mathcal{O}(5; \{3^{29}, 2^6\})$	10820843644446720
6	$\mathcal{O}(5; \{3^{32}, 2^2\})$	86566749518370816
6	$\mathcal{O}(5; \{6, 3^3, 2^{39}\})$	362797056
6	$\mathcal{O}(5; \{6, 3^6, 2^{35}\})$	2539579392
6	$\mathcal{O}(5; \{6, 3^9, 2^{31}\})$	20679432192
6	$\mathcal{O}(5; \{6, 3^{12}, 2^{27}\})$	165072660480
6	$\mathcal{O}(5; \{6, 3^{15}, 2^{23}\})$	1320944080896
6	$\mathcal{O}(5; \{6, 3^{18}, 2^{19}\})$	10567189850112
6	$\mathcal{O}(5; \{6, 3^{21}, 2^{15}\})$	84537881597952
6	$\mathcal{O}(5; \{6, 3^{24}, 2^{11}\})$	676302689986560
6	$\mathcal{O}(5; \{6, 3^{27}, 2^7\})$	5410421882689536
6	$\mathcal{O}(5; \{6, 3^{30}, 2^3\})$	43283374698719232
6	$\mathcal{O}(5; \{6^2, 3, 2^{40}\})$	120932352
6	$\mathcal{O}(5; \{6^2, 3^4, 2^{36}\})$	1330255872
6	$\mathcal{O}(5; \{6^2, 3^7, 2^{32}\})$	10279249920
6	$\mathcal{O}(5; \{6^2, 3^{10}, 2^{28}\})$	82596796416
6	$\mathcal{O}(5; \{6^2, 3^{13}, 2^{24}\})$	660411574272
6	$\mathcal{O}(5; \{6^2, 3^{16}, 2^{20}\})$	5283655391232
6	$\mathcal{O}(5; \{6^2, 3^{19}, 2^{16}\})$	42268880332800
6	$\mathcal{O}(5; \{6^2, 3^{22}, 2^{12}\})$	338151405459456
6	$\mathcal{O}(5; \{6^2, 3^{25}, 2^8\})$	2705210880878592
6	$\mathcal{O}(5; \{6^2, 3^{28}, 2^4\})$	21641687409825792
6	$\mathcal{O}(5; \{6^2, 3^{31}\})$	173133498915809280
6	$\mathcal{O}(5; \{6^3, 3^2, 2^{37}\})$	604661760
6	$\mathcal{O}(5; \{6^3, 3^5, 2^{33}\})$	5200091136
6	$\mathcal{O}(5; \{6^3, 3^8, 2^{29}\})$	41237932032
6	$\mathcal{O}(5; \{6^3, 3^{11}, 2^{25}\})$	330266253312
6	$\mathcal{O}(5; \{6^3, 3^{14}, 2^{21}\})$	2641767229440
6	$\mathcal{O}(5; \{6^3, 3^{17}, 2^{17}\})$	21134500632576
6	$\mathcal{O}(5; \{6^3, 3^{20}, 2^{13}\})$	169075642263552
6	$\mathcal{O}(5; \{6^3, 3^{23}, 2^9\})$	1352605500905472
6	$\mathcal{O}(5; \{6^3, 3^{26}, 2^5\})$	10820843644446720
6	$\mathcal{O}(5; \{6^3, 3^{29}, 2\})$	86566749518370816
6	$\mathcal{O}(5; \{6^4, 2^{38}\})$	362797056
6	$\mathcal{O}(5; \{6^4, 3^3, 2^{34}\})$	2539579392
6	$\mathcal{O}(5; \{6^4, 3^6, 2^{30}\})$	20679432192
6	$\mathcal{O}(5; \{6^4, 3^9, 2^{26}\})$	165072660480
6	$\mathcal{O}(5; \{6^4, 3^{12}, 2^{22}\})$	1320944080896

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6^4, 3^{15}, 2^{18}\})$	10567189850112
6	$\mathcal{O}(5; \{6^4, 3^{18}, 2^{14}\})$	84537881597952
6	$\mathcal{O}(5; \{6^4, 3^{21}, 2^{10}\})$	676302689986560
6	$\mathcal{O}(5; \{6^4, 3^{24}, 2^6\})$	5410421882689536
6	$\mathcal{O}(5; \{6^4, 3^{27}, 2^2\})$	43283374698719232
6	$\mathcal{O}(5; \{6^5, 3, 2^{35}\})$	1330255872
6	$\mathcal{O}(5; \{6^5, 3^4, 2^{31}\})$	10279249920
6	$\mathcal{O}(5; \{6^5, 3^7, 2^{27}\})$	82596796416
6	$\mathcal{O}(5; \{6^5, 3^{10}, 2^{23}\})$	660411574272
6	$\mathcal{O}(5; \{6^5, 3^{13}, 2^{19}\})$	5283655391232
6	$\mathcal{O}(5; \{6^5, 3^{16}, 2^{15}\})$	42268880332800
6	$\mathcal{O}(5; \{6^5, 3^{19}, 2^{11}\})$	338151405459456
6	$\mathcal{O}(5; \{6^5, 3^{22}, 2^7\})$	2705210880878592
6	$\mathcal{O}(5; \{6^5, 3^{25}, 2^3\})$	21641687409825792
6	$\mathcal{O}(5; \{6^6, 3^2, 2^{32}\})$	5200091136
6	$\mathcal{O}(5; \{6^6, 3^5, 2^{28}\})$	41237932032
6	$\mathcal{O}(5; \{6^6, 3^8, 2^{24}\})$	330266253312
6	$\mathcal{O}(5; \{6^6, 3^{11}, 2^{20}\})$	2641767229440
6	$\mathcal{O}(5; \{6^6, 3^{14}, 2^{16}\})$	21134500632576
6	$\mathcal{O}(5; \{6^6, 3^{17}, 2^{12}\})$	169075642263552
6	$\mathcal{O}(5; \{6^6, 3^{20}, 2^8\})$	1352605500905472
6	$\mathcal{O}(5; \{6^6, 3^{23}, 2^4\})$	10820843644446720
6	$\mathcal{O}(5; \{6^6, 3^{26}\})$	86566749518370816
6	$\mathcal{O}(5; \{6^7, 2^{33}\})$	2539579392
6	$\mathcal{O}(5; \{6^7, 3^3, 2^{29}\})$	20679432192
6	$\mathcal{O}(5; \{6^7, 3^6, 2^{25}\})$	165072660480
6	$\mathcal{O}(5; \{6^7, 3^9, 2^{21}\})$	1320944080896
6	$\mathcal{O}(5; \{6^7, 3^{12}, 2^{17}\})$	10567189850112
6	$\mathcal{O}(5; \{6^7, 3^{15}, 2^{13}\})$	84537881597952
6	$\mathcal{O}(5; \{6^7, 3^{18}, 2^9\})$	676302689986560
6	$\mathcal{O}(5; \{6^7, 3^{21}, 2^5\})$	5410421882689536
6	$\mathcal{O}(5; \{6^7, 3^{24}, 2\})$	43283374698719232
6	$\mathcal{O}(5; \{6^8, 3, 2^{30}\})$	10279249920
6	$\mathcal{O}(5; \{6^8, 3^4, 2^{26}\})$	82596796416
6	$\mathcal{O}(5; \{6^8, 3^7, 2^{22}\})$	660411574272
6	$\mathcal{O}(5; \{6^8, 3^{10}, 2^{18}\})$	5283655391232
6	$\mathcal{O}(5; \{6^8, 3^{13}, 2^{14}\})$	42268880332800
6	$\mathcal{O}(5; \{6^8, 3^{16}, 2^{10}\})$	338151405459456
6	$\mathcal{O}(5; \{6^8, 3^{19}, 2^6\})$	2705210880878592
6	$\mathcal{O}(5; \{6^8, 3^{22}, 2^2\})$	21641687409825792
6	$\mathcal{O}(5; \{6^9, 3^2, 2^{27}\})$	41237932032
6	$\mathcal{O}(5; \{6^9, 3^5, 2^{23}\})$	330266253312
6	$\mathcal{O}(5; \{6^9, 3^8, 2^{19}\})$	2641767229440

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6^9, 3^{11}, 2^{15}\})$	21134500632576
6	$\mathcal{O}(5; \{6^9, 3^{14}, 2^{11}\})$	169075642263552
6	$\mathcal{O}(5; \{6^9, 3^{17}, 2^7\})$	1352605500905472
6	$\mathcal{O}(5; \{6^9, 3^{20}, 2^3\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{10}, 2^{28}\})$	20679432192
6	$\mathcal{O}(5; \{6^{10}, 3^3, 2^{24}\})$	165072660480
6	$\mathcal{O}(5; \{6^{10}, 3^6, 2^{20}\})$	1320944080896
6	$\mathcal{O}(5; \{6^{10}, 3^9, 2^{16}\})$	10567189850112
6	$\mathcal{O}(5; \{6^{10}, 3^{12}, 2^{12}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{10}, 3^{15}, 2^8\})$	676302689986560
6	$\mathcal{O}(5; \{6^{10}, 3^{18}, 2^4\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{10}, 3^{21}\})$	43283374698719232
6	$\mathcal{O}(5; \{6^{11}, 3, 2^{25}\})$	82596796416
6	$\mathcal{O}(5; \{6^{11}, 3^4, 2^{21}\})$	660411574272
6	$\mathcal{O}(5; \{6^{11}, 3^7, 2^{17}\})$	5283655391232
6	$\mathcal{O}(5; \{6^{11}, 3^{10}, 2^{13}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{11}, 3^{13}, 2^9\})$	338151405459456
6	$\mathcal{O}(5; \{6^{11}, 3^{16}, 2^5\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{11}, 3^{19}, 2\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{12}, 3^2, 2^{22}\})$	330266253312
6	$\mathcal{O}(5; \{6^{12}, 3^5, 2^{18}\})$	2641767229440
6	$\mathcal{O}(5; \{6^{12}, 3^8, 2^{14}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{12}, 3^{11}, 2^{10}\})$	169075642263552
6	$\mathcal{O}(5; \{6^{12}, 3^{14}, 2^6\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{12}, 3^{17}, 2^2\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{13}, 2^{23}\})$	165072660480
6	$\mathcal{O}(5; \{6^{13}, 3^3, 2^{19}\})$	1320944080896
6	$\mathcal{O}(5; \{6^{13}, 3^6, 2^{15}\})$	10567189850112
6	$\mathcal{O}(5; \{6^{13}, 3^9, 2^{11}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{13}, 3^{12}, 2^7\})$	676302689986560
6	$\mathcal{O}(5; \{6^{13}, 3^{15}, 2^3\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{14}, 3, 2^{20}\})$	660411574272
6	$\mathcal{O}(5; \{6^{14}, 3^4, 2^{16}\})$	5283655391232
6	$\mathcal{O}(5; \{6^{14}, 3^7, 2^{12}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{14}, 3^{10}, 2^8\})$	338151405459456
6	$\mathcal{O}(5; \{6^{14}, 3^{13}, 2^4\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{14}, 3^{16}\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{15}, 3^2, 2^{17}\})$	2641767229440
6	$\mathcal{O}(5; \{6^{15}, 3^5, 2^{13}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{15}, 3^8, 2^9\})$	169075642263552
6	$\mathcal{O}(5; \{6^{15}, 3^{11}, 2^5\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{15}, 3^{14}, 2\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{16}, 2^{18}\})$	1320944080896

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6^{16}, 3^3, 2^{14}\})$	10567189850112
6	$\mathcal{O}(5; \{6^{16}, 3^6, 2^{10}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{16}, 3^9, 2^6\})$	676302689986560
6	$\mathcal{O}(5; \{6^{16}, 3^{12}, 2^2\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{17}, 3, 2^{15}\})$	5283655391232
6	$\mathcal{O}(5; \{6^{17}, 3^4, 2^{11}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{17}, 3^7, 2^7\})$	338151405459456
6	$\mathcal{O}(5; \{6^{17}, 3^{10}, 2^3\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{18}, 3^2, 2^{12}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{18}, 3^5, 2^8\})$	169075642263552
6	$\mathcal{O}(5; \{6^{18}, 3^8, 2^4\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{18}, 3^{11}\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{19}, 2^{13}\})$	10567189850112
6	$\mathcal{O}(5; \{6^{19}, 3^3, 2^9\})$	84537881597952
6	$\mathcal{O}(5; \{6^{19}, 3^6, 2^5\})$	676302689986560
6	$\mathcal{O}(5; \{6^{19}, 3^9, 2\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{20}, 3, 2^{10}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{20}, 3^4, 2^6\})$	338151405459456
6	$\mathcal{O}(5; \{6^{20}, 3^7, 2^2\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{21}, 3^2, 2^7\})$	169075642263552
6	$\mathcal{O}(5; \{6^{21}, 3^5, 2^3\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{22}, 2^8\})$	84537881597952
6	$\mathcal{O}(5; \{6^{22}, 3^3, 2^4\})$	676302689986560
6	$\mathcal{O}(5; \{6^{22}, 3^6\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{23}, 3, 2^5\})$	338151405459456
6	$\mathcal{O}(5; \{6^{23}, 3^4, 2\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{24}, 3^2, 2^2\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{25}, 2^3\})$	676302689986560
6	$\mathcal{O}(5; \{6^{26}, 3\})$	2705210880878592
6	$\mathcal{O}(4; \{3^2, 2^{46}\})$	3359232
6	$\mathcal{O}(4; \{3^5, 2^{42}\})$	16796160
6	$\mathcal{O}(4; \{3^8, 2^{38}\})$	144446976
6	$\mathcal{O}(4; \{3^{11}, 2^{34}\})$	1145498112
6	$\mathcal{O}(4; \{3^{14}, 2^{30}\})$	9174062592
6	$\mathcal{O}(4; \{3^{17}, 2^{26}\})$	73382423040
6	$\mathcal{O}(4; \{3^{20}, 2^{22}\})$	587069462016
6	$\mathcal{O}(4; \{3^{23}, 2^{18}\})$	4696545618432
6	$\mathcal{O}(4; \{3^{26}, 2^{14}\})$	37572375025152
6	$\mathcal{O}(4; \{3^{29}, 2^{10}\})$	300578990123520
6	$\mathcal{O}(4; \{3^{32}, 2^6\})$	2404631931065856
6	$\mathcal{O}(4; \{3^{35}, 2^2\})$	19237055438449152
6	$\mathcal{O}(4; \{6, 3^3, 2^{43}\})$	10077696
6	$\mathcal{O}(4; \{6, 3^6, 2^{39}\})$	70543872

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6, 3^9, 2^{35}\})$	574428672
6	$\mathcal{O}(4; \{6, 3^{12}, 2^{31}\})$	4585351680
6	$\mathcal{O}(4; \{6, 3^{15}, 2^{27}\})$	36692891136
6	$\mathcal{O}(4; \{6, 3^{18}, 2^{23}\})$	293533051392
6	$\mathcal{O}(4; \{6, 3^{21}, 2^{19}\})$	2348274488832
6	$\mathcal{O}(4; \{6, 3^{24}, 2^{15}\})$	18786185832960
6	$\mathcal{O}(4; \{6, 3^{27}, 2^{11}\})$	150289496741376
6	$\mathcal{O}(4; \{6, 3^{30}, 2^7\})$	1202315963853312
6	$\mathcal{O}(4; \{6, 3^{33}, 2^3\})$	9618527720904192
6	$\mathcal{O}(4; \{6^2, 3, 2^{44}\})$	3359232
6	$\mathcal{O}(4; \{6^2, 3^4, 2^{40}\})$	36951552
6	$\mathcal{O}(4; \{6^2, 3^7, 2^{36}\})$	285534720
6	$\mathcal{O}(4; \{6^2, 3^{10}, 2^{32}\})$	2294355456
6	$\mathcal{O}(4; \{6^2, 3^{13}, 2^{28}\})$	18344765952
6	$\mathcal{O}(4; \{6^2, 3^{16}, 2^{24}\})$	146768205312
6	$\mathcal{O}(4; \{6^2, 3^{19}, 2^{20}\})$	1174135564800
6	$\mathcal{O}(4; \{6^2, 3^{22}, 2^{16}\})$	9393094596096
6	$\mathcal{O}(4; \{6^2, 3^{25}, 2^{12}\})$	75144746691072
6	$\mathcal{O}(4; \{6^2, 3^{28}, 2^8\})$	601157983606272
6	$\mathcal{O}(4; \{6^2, 3^{31}, 2^4\})$	4809263858772480
6	$\mathcal{O}(4; \{6^2, 3^{34}\})$	38474110880257536
6	$\mathcal{O}(4; \{6^3, 3^2, 2^{41}\})$	16796160
6	$\mathcal{O}(4; \{6^3, 3^5, 2^{37}\})$	144446976
6	$\mathcal{O}(4; \{6^3, 3^8, 2^{33}\})$	1145498112
6	$\mathcal{O}(4; \{6^3, 3^{11}, 2^{29}\})$	9174062592
6	$\mathcal{O}(4; \{6^3, 3^{14}, 2^{25}\})$	73382423040
6	$\mathcal{O}(4; \{6^3, 3^{17}, 2^{21}\})$	587069462016
6	$\mathcal{O}(4; \{6^3, 3^{20}, 2^{17}\})$	4696545618432
6	$\mathcal{O}(4; \{6^3, 3^{23}, 2^{13}\})$	37572375025152
6	$\mathcal{O}(4; \{6^3, 3^{26}, 2^9\})$	300578990123520
6	$\mathcal{O}(4; \{6^3, 3^{29}, 2^5\})$	2404631931065856
6	$\mathcal{O}(4; \{6^3, 3^{32}, 2\})$	19237055438449152
6	$\mathcal{O}(4; \{6^4, 2^{42}\})$	10077696
6	$\mathcal{O}(4; \{6^4, 3^3, 2^{38}\})$	70543872
6	$\mathcal{O}(4; \{6^4, 3^6, 2^{34}\})$	574428672
6	$\mathcal{O}(4; \{6^4, 3^9, 2^{30}\})$	4585351680
6	$\mathcal{O}(4; \{6^4, 3^{12}, 2^{26}\})$	36692891136
6	$\mathcal{O}(4; \{6^4, 3^{15}, 2^{22}\})$	293533051392
6	$\mathcal{O}(4; \{6^4, 3^{18}, 2^{18}\})$	2348274488832
6	$\mathcal{O}(4; \{6^4, 3^{21}, 2^{14}\})$	18786185832960
6	$\mathcal{O}(4; \{6^4, 3^{24}, 2^{10}\})$	150289496741376
6	$\mathcal{O}(4; \{6^4, 3^{27}, 2^6\})$	1202315963853312
6	$\mathcal{O}(4; \{6^4, 3^{30}, 2^2\})$	9618527720904192

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^5, 3, 2^{39}\})$	36951552
6	$\mathcal{O}(4; \{6^5, 3^4, 2^{35}\})$	285534720
6	$\mathcal{O}(4; \{6^5, 3^7, 2^{31}\})$	2294355456
6	$\mathcal{O}(4; \{6^5, 3^{10}, 2^{27}\})$	18344765952
6	$\mathcal{O}(4; \{6^5, 3^{13}, 2^{23}\})$	146768205312
6	$\mathcal{O}(4; \{6^5, 3^{16}, 2^{19}\})$	1174135564800
6	$\mathcal{O}(4; \{6^5, 3^{19}, 2^{15}\})$	9393094596096
6	$\mathcal{O}(4; \{6^5, 3^{22}, 2^{11}\})$	75144746691072
6	$\mathcal{O}(4; \{6^5, 3^{25}, 2^7\})$	601157983606272
6	$\mathcal{O}(4; \{6^5, 3^{28}, 2^3\})$	4809263858772480
6	$\mathcal{O}(4; \{6^6, 3^2, 2^{36}\})$	144446976
6	$\mathcal{O}(4; \{6^6, 3^5, 2^{32}\})$	1145498112
6	$\mathcal{O}(4; \{6^6, 3^8, 2^{28}\})$	9174062592
6	$\mathcal{O}(4; \{6^6, 3^{11}, 2^{24}\})$	73382423040
6	$\mathcal{O}(4; \{6^6, 3^{14}, 2^{20}\})$	587069462016
6	$\mathcal{O}(4; \{6^6, 3^{17}, 2^{16}\})$	4696545618432
6	$\mathcal{O}(4; \{6^6, 3^{20}, 2^{12}\})$	37572375025152
6	$\mathcal{O}(4; \{6^6, 3^{23}, 2^8\})$	300578990123520
6	$\mathcal{O}(4; \{6^6, 3^{26}, 2^4\})$	2404631931065856
6	$\mathcal{O}(4; \{6^6, 3^{29}\})$	19237055438449152
6	$\mathcal{O}(4; \{6^7, 2^{37}\})$	70543872
6	$\mathcal{O}(4; \{6^7, 3^3, 2^{33}\})$	574428672
6	$\mathcal{O}(4; \{6^7, 3^6, 2^{29}\})$	4585351680
6	$\mathcal{O}(4; \{6^7, 3^9, 2^{25}\})$	36692891136
6	$\mathcal{O}(4; \{6^7, 3^{12}, 2^{21}\})$	293533051392
6	$\mathcal{O}(4; \{6^7, 3^{15}, 2^{17}\})$	2348274488832
6	$\mathcal{O}(4; \{6^7, 3^{18}, 2^{13}\})$	18786185832960
6	$\mathcal{O}(4; \{6^7, 3^{21}, 2^9\})$	150289496741376
6	$\mathcal{O}(4; \{6^7, 3^{24}, 2^5\})$	1202315963853312
6	$\mathcal{O}(4; \{6^7, 3^{27}, 2\})$	9618527720904192
6	$\mathcal{O}(4; \{6^8, 3, 2^{34}\})$	285534720
6	$\mathcal{O}(4; \{6^8, 3^4, 2^{30}\})$	2294355456
6	$\mathcal{O}(4; \{6^8, 3^7, 2^{26}\})$	18344765952
6	$\mathcal{O}(4; \{6^8, 3^{10}, 2^{22}\})$	146768205312
6	$\mathcal{O}(4; \{6^8, 3^{13}, 2^{18}\})$	1174135564800
6	$\mathcal{O}(4; \{6^8, 3^{16}, 2^{14}\})$	9393094596096
6	$\mathcal{O}(4; \{6^8, 3^{19}, 2^{10}\})$	75144746691072
6	$\mathcal{O}(4; \{6^8, 3^{22}, 2^6\})$	601157983606272
6	$\mathcal{O}(4; \{6^8, 3^{25}, 2^2\})$	4809263858772480
6	$\mathcal{O}(4; \{6^9, 3^2, 2^{31}\})$	1145498112
6	$\mathcal{O}(4; \{6^9, 3^5, 2^{27}\})$	9174062592
6	$\mathcal{O}(4; \{6^9, 3^8, 2^{23}\})$	73382423040
6	$\mathcal{O}(4; \{6^9, 3^{11}, 2^{19}\})$	587069462016

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^9, 3^{14}, 2^{15}\})$	4696545618432
6	$\mathcal{O}(4; \{6^9, 3^{17}, 2^{11}\})$	37572375025152
6	$\mathcal{O}(4; \{6^9, 3^{20}, 2^7\})$	300578990123520
6	$\mathcal{O}(4; \{6^9, 3^{23}, 2^3\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{10}, 2^{32}\})$	574428672
6	$\mathcal{O}(4; \{6^{10}, 3^3, 2^{28}\})$	4585351680
6	$\mathcal{O}(4; \{6^{10}, 3^6, 2^{24}\})$	36692891136
6	$\mathcal{O}(4; \{6^{10}, 3^9, 2^{20}\})$	293533051392
6	$\mathcal{O}(4; \{6^{10}, 3^{12}, 2^{16}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{10}, 3^{15}, 2^{12}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{10}, 3^{18}, 2^8\})$	150289496741376
6	$\mathcal{O}(4; \{6^{10}, 3^{21}, 2^4\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{10}, 3^{24}\})$	9618527720904192
6	$\mathcal{O}(4; \{6^{11}, 3, 2^{29}\})$	2294355456
6	$\mathcal{O}(4; \{6^{11}, 3^4, 2^{25}\})$	18344765952
6	$\mathcal{O}(4; \{6^{11}, 3^7, 2^{21}\})$	146768205312
6	$\mathcal{O}(4; \{6^{11}, 3^{10}, 2^{17}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{11}, 3^{13}, 2^{13}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{11}, 3^{16}, 2^9\})$	75144746691072
6	$\mathcal{O}(4; \{6^{11}, 3^{19}, 2^5\})$	601157983606272
6	$\mathcal{O}(4; \{6^{11}, 3^{22}, 2\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{12}, 3^2, 2^{26}\})$	9174062592
6	$\mathcal{O}(4; \{6^{12}, 3^5, 2^{22}\})$	73382423040
6	$\mathcal{O}(4; \{6^{12}, 3^8, 2^{18}\})$	587069462016
6	$\mathcal{O}(4; \{6^{12}, 3^{11}, 2^{14}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{12}, 3^{14}, 2^{10}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{12}, 3^{17}, 2^6\})$	300578990123520
6	$\mathcal{O}(4; \{6^{12}, 3^{20}, 2^2\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{13}, 2^{27}\})$	4585351680
6	$\mathcal{O}(4; \{6^{13}, 3^3, 2^{23}\})$	36692891136
6	$\mathcal{O}(4; \{6^{13}, 3^6, 2^{19}\})$	293533051392
6	$\mathcal{O}(4; \{6^{13}, 3^9, 2^{15}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{13}, 3^{12}, 2^{11}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{13}, 3^{15}, 2^7\})$	150289496741376
6	$\mathcal{O}(4; \{6^{13}, 3^{18}, 2^3\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{14}, 3, 2^{24}\})$	18344765952
6	$\mathcal{O}(4; \{6^{14}, 3^4, 2^{20}\})$	146768205312
6	$\mathcal{O}(4; \{6^{14}, 3^7, 2^{16}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{14}, 3^{10}, 2^{12}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{14}, 3^{13}, 2^8\})$	75144746691072
6	$\mathcal{O}(4; \{6^{14}, 3^{16}, 2^4\})$	601157983606272
6	$\mathcal{O}(4; \{6^{14}, 3^{19}\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{15}, 3^2, 2^{21}\})$	73382423040

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^{15}, 3^5, 2^{17}\})$	587069462016
6	$\mathcal{O}(4; \{6^{15}, 3^8, 2^{13}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{15}, 3^{11}, 2^9\})$	37572375025152
6	$\mathcal{O}(4; \{6^{15}, 3^{14}, 2^5\})$	300578990123520
6	$\mathcal{O}(4; \{6^{15}, 3^{17}, 2\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{16}, 2^{22}\})$	36692891136
6	$\mathcal{O}(4; \{6^{16}, 3^3, 2^{18}\})$	293533051392
6	$\mathcal{O}(4; \{6^{16}, 3^6, 2^{14}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{16}, 3^9, 2^{10}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{16}, 3^{12}, 2^6\})$	150289496741376
6	$\mathcal{O}(4; \{6^{16}, 3^{15}, 2^2\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{17}, 3, 2^{19}\})$	146768205312
6	$\mathcal{O}(4; \{6^{17}, 3^4, 2^{15}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{17}, 3^7, 2^{11}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{17}, 3^{10}, 2^7\})$	75144746691072
6	$\mathcal{O}(4; \{6^{17}, 3^{13}, 2^3\})$	601157983606272
6	$\mathcal{O}(4; \{6^{18}, 3^2, 2^{16}\})$	587069462016
6	$\mathcal{O}(4; \{6^{18}, 3^5, 2^{12}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{18}, 3^8, 2^8\})$	37572375025152
6	$\mathcal{O}(4; \{6^{18}, 3^{11}, 2^4\})$	300578990123520
6	$\mathcal{O}(4; \{6^{18}, 3^{14}\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{19}, 2^{17}\})$	293533051392
6	$\mathcal{O}(4; \{6^{19}, 3^3, 2^{13}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{19}, 3^6, 2^9\})$	18786185832960
6	$\mathcal{O}(4; \{6^{19}, 3^9, 2^5\})$	150289496741376
6	$\mathcal{O}(4; \{6^{19}, 3^{12}, 2\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{20}, 3, 2^{14}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{20}, 3^4, 2^{10}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{20}, 3^7, 2^6\})$	75144746691072
6	$\mathcal{O}(4; \{6^{20}, 3^{10}, 2^2\})$	601157983606272
6	$\mathcal{O}(4; \{6^{21}, 3^2, 2^{11}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{21}, 3^5, 2^7\})$	37572375025152
6	$\mathcal{O}(4; \{6^{21}, 3^8, 2^3\})$	300578990123520
6	$\mathcal{O}(4; \{6^{22}, 2^{12}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{22}, 3^3, 2^8\})$	18786185832960
6	$\mathcal{O}(4; \{6^{22}, 3^6, 2^4\})$	150289496741376
6	$\mathcal{O}(4; \{6^{22}, 3^9\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{23}, 3, 2^9\})$	9393094596096
6	$\mathcal{O}(4; \{6^{23}, 3^4, 2^5\})$	75144746691072
6	$\mathcal{O}(4; \{6^{23}, 3^7, 2\})$	601157983606272
6	$\mathcal{O}(4; \{6^{24}, 3^2, 2^6\})$	37572375025152
6	$\mathcal{O}(4; \{6^{24}, 3^5, 2^2\})$	300578990123520
6	$\mathcal{O}(4; \{6^{25}, 2^7\})$	18786185832960

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^{25}, 3^3, 2^3\})$	150289496741376
6	$\mathcal{O}(4; \{6^{26}, 3, 2^4\})$	75144746691072
6	$\mathcal{O}(4; \{6^{26}, 3^4\})$	601157983606272
6	$\mathcal{O}(4; \{6^{27}, 3^2, 2\})$	300578990123520
6	$\mathcal{O}(4; \{6^{28}, 2^2\})$	150289496741376
6	$\mathcal{O}(3; \{3^2, 2^{50}\})$	93312
6	$\mathcal{O}(3; \{3^5, 2^{46}\})$	466560
6	$\mathcal{O}(3; \{3^8, 2^{42}\})$	4012416
6	$\mathcal{O}(3; \{3^{11}, 2^{38}\})$	31819392
6	$\mathcal{O}(3; \{3^{14}, 2^{34}\})$	254835072
6	$\mathcal{O}(3; \{3^{17}, 2^{30}\})$	2038400640
6	$\mathcal{O}(3; \{3^{20}, 2^{26}\})$	16307485056
6	$\mathcal{O}(3; \{3^{23}, 2^{22}\})$	130459600512
6	$\mathcal{O}(3; \{3^{26}, 2^{18}\})$	1043677084032
6	$\mathcal{O}(3; \{3^{29}, 2^{14}\})$	8349416392320
6	$\mathcal{O}(3; \{3^{32}, 2^{10}\})$	66795331418496
6	$\mathcal{O}(3; \{3^{35}, 2^6\})$	534362651068032
6	$\mathcal{O}(3; \{3^{38}, 2^2\})$	4274901208824192
6	$\mathcal{O}(3; \{6, 3^3, 2^{47}\})$	279936
6	$\mathcal{O}(3; \{6, 3^6, 2^{43}\})$	1959552
6	$\mathcal{O}(3; \{6, 3^9, 2^{39}\})$	15956352
6	$\mathcal{O}(3; \{6, 3^{12}, 2^{35}\})$	127370880
6	$\mathcal{O}(3; \{6, 3^{15}, 2^{31}\})$	1019246976
6	$\mathcal{O}(3; \{6, 3^{18}, 2^{27}\})$	8153695872
6	$\mathcal{O}(3; \{6, 3^{21}, 2^{23}\})$	65229846912
6	$\mathcal{O}(3; \{6, 3^{24}, 2^{19}\})$	521838495360
6	$\mathcal{O}(3; \{6, 3^{27}, 2^{15}\})$	4174708242816
6	$\mathcal{O}(3; \{6, 3^{30}, 2^{11}\})$	33397665662592
6	$\mathcal{O}(3; \{6, 3^{33}, 2^7\})$	267181325580672
6	$\mathcal{O}(3; \{6, 3^{36}, 2^3\})$	2137450604365440
6	$\mathcal{O}(3; \{6^2, 3, 2^{48}\})$	93312
6	$\mathcal{O}(3; \{6^2, 3^4, 2^{44}\})$	1026432
6	$\mathcal{O}(3; \{6^2, 3^7, 2^{40}\})$	7931520
6	$\mathcal{O}(3; \{6^2, 3^{10}, 2^{36}\})$	63732096
6	$\mathcal{O}(3; \{6^2, 3^{13}, 2^{32}\})$	509576832
6	$\mathcal{O}(3; \{6^2, 3^{16}, 2^{28}\})$	4076894592
6	$\mathcal{O}(3; \{6^2, 3^{19}, 2^{24}\})$	32614876800
6	$\mathcal{O}(3; \{6^2, 3^{22}, 2^{20}\})$	260919294336
6	$\mathcal{O}(3; \{6^2, 3^{25}, 2^{16}\})$	2087354074752
6	$\mathcal{O}(3; \{6^2, 3^{28}, 2^{12}\})$	16698832877952
6	$\mathcal{O}(3; \{6^2, 3^{31}, 2^8\})$	133590662743680
6	$\mathcal{O}(3; \{6^2, 3^{34}, 2^4\})$	1068725302229376
6	$\mathcal{O}(3; \{6^2, 3^{37}\})$	8549802417555072

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^3, 3^2, 2^{45}\})$	466560
6	$\mathcal{O}(3; \{6^3, 3^5, 2^{41}\})$	4012416
6	$\mathcal{O}(3; \{6^3, 3^8, 2^{37}\})$	31819392
6	$\mathcal{O}(3; \{6^3, 3^{11}, 2^{33}\})$	254835072
6	$\mathcal{O}(3; \{6^3, 3^{14}, 2^{29}\})$	2038400640
6	$\mathcal{O}(3; \{6^3, 3^{17}, 2^{25}\})$	16307485056
6	$\mathcal{O}(3; \{6^3, 3^{20}, 2^{21}\})$	130459600512
6	$\mathcal{O}(3; \{6^3, 3^{23}, 2^{17}\})$	1043677084032
6	$\mathcal{O}(3; \{6^3, 3^{26}, 2^{13}\})$	8349416392320
6	$\mathcal{O}(3; \{6^3, 3^{29}, 2^9\})$	66795331418496
6	$\mathcal{O}(3; \{6^3, 3^{32}, 2^5\})$	534362651068032
6	$\mathcal{O}(3; \{6^3, 3^{35}, 2\})$	4274901208824192
6	$\mathcal{O}(3; \{6^4, 2^{46}\})$	279936
6	$\mathcal{O}(3; \{6^4, 3^3, 2^{42}\})$	1959552
6	$\mathcal{O}(3; \{6^4, 3^6, 2^{38}\})$	15956352
6	$\mathcal{O}(3; \{6^4, 3^9, 2^{34}\})$	127370880
6	$\mathcal{O}(3; \{6^4, 3^{12}, 2^{30}\})$	1019246976
6	$\mathcal{O}(3; \{6^4, 3^{15}, 2^{26}\})$	8153695872
6	$\mathcal{O}(3; \{6^4, 3^{18}, 2^{22}\})$	65229846912
6	$\mathcal{O}(3; \{6^4, 3^{21}, 2^{18}\})$	521838495360
6	$\mathcal{O}(3; \{6^4, 3^{24}, 2^{14}\})$	4174708242816
6	$\mathcal{O}(3; \{6^4, 3^{27}, 2^{10}\})$	33397665662592
6	$\mathcal{O}(3; \{6^4, 3^{30}, 2^6\})$	267181325580672
6	$\mathcal{O}(3; \{6^4, 3^{33}, 2^2\})$	2137450604365440
6	$\mathcal{O}(3; \{6^5, 3, 2^{43}\})$	1026432
6	$\mathcal{O}(3; \{6^5, 3^4, 2^{39}\})$	7931520
6	$\mathcal{O}(3; \{6^5, 3^7, 2^{35}\})$	63732096
6	$\mathcal{O}(3; \{6^5, 3^{10}, 2^{31}\})$	509576832
6	$\mathcal{O}(3; \{6^5, 3^{13}, 2^{27}\})$	4076894592
6	$\mathcal{O}(3; \{6^5, 3^{16}, 2^{23}\})$	32614876800
6	$\mathcal{O}(3; \{6^5, 3^{19}, 2^{19}\})$	260919294336
6	$\mathcal{O}(3; \{6^5, 3^{22}, 2^{15}\})$	2087354074752
6	$\mathcal{O}(3; \{6^5, 3^{25}, 2^{11}\})$	16698832877952
6	$\mathcal{O}(3; \{6^5, 3^{28}, 2^7\})$	133590662743680
6	$\mathcal{O}(3; \{6^5, 3^{31}, 2^3\})$	1068725302229376
6	$\mathcal{O}(3; \{6^6, 3^2, 2^{40}\})$	4012416
6	$\mathcal{O}(3; \{6^6, 3^5, 2^{36}\})$	31819392
6	$\mathcal{O}(3; \{6^6, 3^8, 2^{32}\})$	254835072
6	$\mathcal{O}(3; \{6^6, 3^{11}, 2^{28}\})$	2038400640
6	$\mathcal{O}(3; \{6^6, 3^{14}, 2^{24}\})$	16307485056
6	$\mathcal{O}(3; \{6^6, 3^{17}, 2^{20}\})$	130459600512
6	$\mathcal{O}(3; \{6^6, 3^{20}, 2^{16}\})$	1043677084032
6	$\mathcal{O}(3; \{6^6, 3^{23}, 2^{12}\})$	8349416392320

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^6, 3^{26}, 2^8\})$	66795331418496
6	$\mathcal{O}(3; \{6^6, 3^{29}, 2^4\})$	534362651068032
6	$\mathcal{O}(3; \{6^6, 3^{32}\})$	4274901208824192
6	$\mathcal{O}(3; \{6^7, 2^{41}\})$	1959552
6	$\mathcal{O}(3; \{6^7, 3^3, 2^{37}\})$	15956352
6	$\mathcal{O}(3; \{6^7, 3^6, 2^{33}\})$	127370880
6	$\mathcal{O}(3; \{6^7, 3^9, 2^{29}\})$	1019246976
6	$\mathcal{O}(3; \{6^7, 3^{12}, 2^{25}\})$	8153695872
6	$\mathcal{O}(3; \{6^7, 3^{15}, 2^{21}\})$	65229846912
6	$\mathcal{O}(3; \{6^7, 3^{18}, 2^{17}\})$	521838495360
6	$\mathcal{O}(3; \{6^7, 3^{21}, 2^{13}\})$	4174708242816
6	$\mathcal{O}(3; \{6^7, 3^{24}, 2^9\})$	33397665662592
6	$\mathcal{O}(3; \{6^7, 3^{27}, 2^5\})$	267181325580672
6	$\mathcal{O}(3; \{6^7, 3^{30}, 2\})$	2137450604365440
6	$\mathcal{O}(3; \{6^8, 3, 2^{38}\})$	7931520
6	$\mathcal{O}(3; \{6^8, 3^4, 2^{34}\})$	63732096
6	$\mathcal{O}(3; \{6^8, 3^7, 2^{30}\})$	509576832
6	$\mathcal{O}(3; \{6^8, 3^{10}, 2^{26}\})$	4076894592
6	$\mathcal{O}(3; \{6^8, 3^{13}, 2^{22}\})$	32614876800
6	$\mathcal{O}(3; \{6^8, 3^{16}, 2^{18}\})$	260919294336
6	$\mathcal{O}(3; \{6^8, 3^{19}, 2^{14}\})$	2087354074752
6	$\mathcal{O}(3; \{6^8, 3^{22}, 2^{10}\})$	16698832877952
6	$\mathcal{O}(3; \{6^8, 3^{25}, 2^6\})$	133590662743680
6	$\mathcal{O}(3; \{6^8, 3^{28}, 2^2\})$	1068725302229376
6	$\mathcal{O}(3; \{6^9, 3^2, 2^{35}\})$	31819392
6	$\mathcal{O}(3; \{6^9, 3^5, 2^{31}\})$	254835072
6	$\mathcal{O}(3; \{6^9, 3^8, 2^{27}\})$	2038400640
6	$\mathcal{O}(3; \{6^9, 3^{11}, 2^{23}\})$	16307485056
6	$\mathcal{O}(3; \{6^9, 3^{14}, 2^{19}\})$	130459600512
6	$\mathcal{O}(3; \{6^9, 3^{17}, 2^{15}\})$	1043677084032
6	$\mathcal{O}(3; \{6^9, 3^{20}, 2^{11}\})$	8349416392320
6	$\mathcal{O}(3; \{6^9, 3^{23}, 2^7\})$	66795331418496
6	$\mathcal{O}(3; \{6^9, 3^{26}, 2^3\})$	534362651068032
6	$\mathcal{O}(3; \{6^{10}, 2^{36}\})$	15956352
6	$\mathcal{O}(3; \{6^{10}, 3^3, 2^{32}\})$	127370880
6	$\mathcal{O}(3; \{6^{10}, 3^6, 2^{28}\})$	1019246976
6	$\mathcal{O}(3; \{6^{10}, 3^9, 2^{24}\})$	8153695872
6	$\mathcal{O}(3; \{6^{10}, 3^{12}, 2^{20}\})$	65229846912
6	$\mathcal{O}(3; \{6^{10}, 3^{15}, 2^{16}\})$	521838495360
6	$\mathcal{O}(3; \{6^{10}, 3^{18}, 2^{12}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{10}, 3^{21}, 2^8\})$	33397665662592
6	$\mathcal{O}(3; \{6^{10}, 3^{24}, 2^4\})$	267181325580672
6	$\mathcal{O}(3; \{6^{10}, 3^{27}\})$	2137450604365440

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^{11}, 3, 2^{33}\})$	63732096
6	$\mathcal{O}(3; \{6^{11}, 3^4, 2^{29}\})$	509576832
6	$\mathcal{O}(3; \{6^{11}, 3^7, 2^{25}\})$	4076894592
6	$\mathcal{O}(3; \{6^{11}, 3^{10}, 2^{21}\})$	32614876800
6	$\mathcal{O}(3; \{6^{11}, 3^{13}, 2^{17}\})$	260919294336
6	$\mathcal{O}(3; \{6^{11}, 3^{16}, 2^{13}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{11}, 3^{19}, 2^9\})$	16698832877952
6	$\mathcal{O}(3; \{6^{11}, 3^{22}, 2^5\})$	133590662743680
6	$\mathcal{O}(3; \{6^{11}, 3^{25}, 2\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{12}, 3^2, 2^{30}\})$	254835072
6	$\mathcal{O}(3; \{6^{12}, 3^5, 2^{26}\})$	2038400640
6	$\mathcal{O}(3; \{6^{12}, 3^8, 2^{22}\})$	16307485056
6	$\mathcal{O}(3; \{6^{12}, 3^{11}, 2^{18}\})$	130459600512
6	$\mathcal{O}(3; \{6^{12}, 3^{14}, 2^{14}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{12}, 3^{17}, 2^{10}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{12}, 3^{20}, 2^6\})$	66795331418496
6	$\mathcal{O}(3; \{6^{12}, 3^{23}, 2^2\})$	534362651068032
6	$\mathcal{O}(3; \{6^{13}, 2^{31}\})$	127370880
6	$\mathcal{O}(3; \{6^{13}, 3^3, 2^{27}\})$	1019246976
6	$\mathcal{O}(3; \{6^{13}, 3^6, 2^{23}\})$	8153695872
6	$\mathcal{O}(3; \{6^{13}, 3^9, 2^{19}\})$	65229846912
6	$\mathcal{O}(3; \{6^{13}, 3^{12}, 2^{15}\})$	521838495360
6	$\mathcal{O}(3; \{6^{13}, 3^{15}, 2^{11}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{13}, 3^{18}, 2^7\})$	33397665662592
6	$\mathcal{O}(3; \{6^{13}, 3^{21}, 2^3\})$	267181325580672
6	$\mathcal{O}(3; \{6^{14}, 3, 2^{28}\})$	509576832
6	$\mathcal{O}(3; \{6^{14}, 3^4, 2^{24}\})$	4076894592
6	$\mathcal{O}(3; \{6^{14}, 3^7, 2^{20}\})$	32614876800
6	$\mathcal{O}(3; \{6^{14}, 3^{10}, 2^{16}\})$	260919294336
6	$\mathcal{O}(3; \{6^{14}, 3^{13}, 2^{12}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{14}, 3^{16}, 2^8\})$	16698832877952
6	$\mathcal{O}(3; \{6^{14}, 3^{19}, 2^4\})$	133590662743680
6	$\mathcal{O}(3; \{6^{14}, 3^{22}\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{15}, 3^2, 2^{25}\})$	2038400640
6	$\mathcal{O}(3; \{6^{15}, 3^5, 2^{21}\})$	16307485056
6	$\mathcal{O}(3; \{6^{15}, 3^8, 2^{17}\})$	130459600512
6	$\mathcal{O}(3; \{6^{15}, 3^{11}, 2^{13}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{15}, 3^{14}, 2^9\})$	8349416392320
6	$\mathcal{O}(3; \{6^{15}, 3^{17}, 2^5\})$	66795331418496
6	$\mathcal{O}(3; \{6^{15}, 3^{20}, 2\})$	534362651068032
6	$\mathcal{O}(3; \{6^{16}, 2^{26}\})$	1019246976
6	$\mathcal{O}(3; \{6^{16}, 3^3, 2^{22}\})$	8153695872
6	$\mathcal{O}(3; \{6^{16}, 3^6, 2^{18}\})$	65229846912

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^{16}, 3^9, 2^{14}\})$	521838495360
6	$\mathcal{O}(3; \{6^{16}, 3^{12}, 2^{10}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{16}, 3^{15}, 2^6\})$	33397665662592
6	$\mathcal{O}(3; \{6^{16}, 3^{18}, 2^2\})$	267181325580672
6	$\mathcal{O}(3; \{6^{17}, 3, 2^{23}\})$	4076894592
6	$\mathcal{O}(3; \{6^{17}, 3^4, 2^{19}\})$	32614876800
6	$\mathcal{O}(3; \{6^{17}, 3^7, 2^{15}\})$	260919294336
6	$\mathcal{O}(3; \{6^{17}, 3^{10}, 2^{11}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{17}, 3^{13}, 2^7\})$	16698832877952
6	$\mathcal{O}(3; \{6^{17}, 3^{16}, 2^3\})$	133590662743680
6	$\mathcal{O}(3; \{6^{18}, 3^2, 2^{20}\})$	16307485056
6	$\mathcal{O}(3; \{6^{18}, 3^5, 2^{16}\})$	130459600512
6	$\mathcal{O}(3; \{6^{18}, 3^8, 2^{12}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{18}, 3^{11}, 2^8\})$	8349416392320
6	$\mathcal{O}(3; \{6^{18}, 3^{14}, 2^4\})$	66795331418496
6	$\mathcal{O}(3; \{6^{18}, 3^{17}\})$	534362651068032
6	$\mathcal{O}(3; \{6^{19}, 2^{21}\})$	8153695872
6	$\mathcal{O}(3; \{6^{19}, 3^3, 2^{17}\})$	65229846912
6	$\mathcal{O}(3; \{6^{19}, 3^6, 2^{13}\})$	521838495360
6	$\mathcal{O}(3; \{6^{19}, 3^9, 2^9\})$	4174708242816
6	$\mathcal{O}(3; \{6^{19}, 3^{12}, 2^5\})$	33397665662592
6	$\mathcal{O}(3; \{6^{19}, 3^{15}, 2\})$	267181325580672
6	$\mathcal{O}(3; \{6^{20}, 3, 2^{18}\})$	32614876800
6	$\mathcal{O}(3; \{6^{20}, 3^4, 2^{14}\})$	260919294336
6	$\mathcal{O}(3; \{6^{20}, 3^7, 2^{10}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{20}, 3^{10}, 2^6\})$	16698832877952
6	$\mathcal{O}(3; \{6^{20}, 3^{13}, 2^2\})$	133590662743680
6	$\mathcal{O}(3; \{6^{21}, 3^2, 2^{15}\})$	130459600512
6	$\mathcal{O}(3; \{6^{21}, 3^5, 2^{11}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{21}, 3^8, 2^7\})$	8349416392320
6	$\mathcal{O}(3; \{6^{21}, 3^{11}, 2^3\})$	66795331418496
6	$\mathcal{O}(3; \{6^{22}, 2^{16}\})$	65229846912
6	$\mathcal{O}(3; \{6^{22}, 3^3, 2^{12}\})$	521838495360
6	$\mathcal{O}(3; \{6^{22}, 3^6, 2^8\})$	4174708242816
6	$\mathcal{O}(3; \{6^{22}, 3^9, 2^4\})$	33397665662592
6	$\mathcal{O}(3; \{6^{22}, 3^{12}\})$	267181325580672
6	$\mathcal{O}(3; \{6^{23}, 3, 2^{13}\})$	260919294336
6	$\mathcal{O}(3; \{6^{23}, 3^4, 2^9\})$	2087354074752
6	$\mathcal{O}(3; \{6^{23}, 3^7, 2^5\})$	16698832877952
6	$\mathcal{O}(3; \{6^{23}, 3^{10}, 2\})$	133590662743680
6	$\mathcal{O}(3; \{6^{24}, 3^2, 2^{10}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{24}, 3^5, 2^6\})$	8349416392320
6	$\mathcal{O}(3; \{6^{24}, 3^8, 2^2\})$	66795331418496

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^{25}, 2^{11}\})$	521838495360
6	$\mathcal{O}(3; \{6^{25}, 3^3, 2^7\})$	4174708242816
6	$\mathcal{O}(3; \{6^{25}, 3^6, 2^3\})$	33397665662592
6	$\mathcal{O}(3; \{6^{26}, 3, 2^8\})$	2087354074752
6	$\mathcal{O}(3; \{6^{26}, 3^4, 2^4\})$	16698832877952
6	$\mathcal{O}(3; \{6^{26}, 3^7\})$	133590662743680
6	$\mathcal{O}(3; \{6^{27}, 3^2, 2^5\})$	8349416392320
6	$\mathcal{O}(3; \{6^{27}, 3^5, 2\})$	66795331418496
6	$\mathcal{O}(3; \{6^{28}, 2^6\})$	4174708242816
6	$\mathcal{O}(3; \{6^{28}, 3^3, 2^2\})$	33397665662592
6	$\mathcal{O}(3; \{6^{29}, 3, 2^3\})$	16698832877952
6	$\mathcal{O}(3; \{6^{30}, 3^2\})$	66795331418496
6	$\mathcal{O}(3; \{6^{31}, 2\})$	33397665662592
6	$\mathcal{O}(2; \{3^2, 2^{54}\})$	2592
6	$\mathcal{O}(2; \{3^5, 2^{50}\})$	12960
6	$\mathcal{O}(2; \{3^8, 2^{46}\})$	111456
6	$\mathcal{O}(2; \{3^{11}, 2^{42}\})$	883872
6	$\mathcal{O}(2; \{3^{14}, 2^{38}\})$	7078752
6	$\mathcal{O}(2; \{3^{17}, 2^{34}\})$	56622240
6	$\mathcal{O}(2; \{3^{20}, 2^{30}\})$	452985696
6	$\mathcal{O}(2; \{3^{23}, 2^{26}\})$	3623877792
6	$\mathcal{O}(2; \{3^{26}, 2^{22}\})$	28991030112
6	$\mathcal{O}(2; \{3^{29}, 2^{18}\})$	231928233120
6	$\mathcal{O}(2; \{3^{32}, 2^{14}\})$	1855425872736
6	$\mathcal{O}(2; \{3^{35}, 2^{10}\})$	14843406974112
6	$\mathcal{O}(2; \{3^{38}, 2^6\})$	118747255800672
6	$\mathcal{O}(2; \{3^{41}, 2^2\})$	949978046397600
6	$\mathcal{O}(2; \{6, 3^3, 2^{51}\})$	7776
6	$\mathcal{O}(2; \{6, 3^6, 2^{47}\})$	54432
6	$\mathcal{O}(2; \{6, 3^9, 2^{43}\})$	443232
6	$\mathcal{O}(2; \{6, 3^{12}, 2^{39}\})$	3538080
6	$\mathcal{O}(2; \{6, 3^{15}, 2^{35}\})$	28312416
6	$\mathcal{O}(2; \{6, 3^{18}, 2^{31}\})$	226491552
6	$\mathcal{O}(2; \{6, 3^{21}, 2^{27}\})$	1811940192
6	$\mathcal{O}(2; \{6, 3^{24}, 2^{23}\})$	14495513760
6	$\mathcal{O}(2; \{6, 3^{27}, 2^{19}\})$	115964117856
6	$\mathcal{O}(2; \{6, 3^{30}, 2^{15}\})$	927712935072
6	$\mathcal{O}(2; \{6, 3^{33}, 2^{11}\})$	7421703488352
6	$\mathcal{O}(2; \{6, 3^{36}, 2^7\})$	59373627899040
6	$\mathcal{O}(2; \{6, 3^{39}, 2^3\})$	474989023200096
6	$\mathcal{O}(2; \{6^2, 3, 2^{52}\})$	2592
6	$\mathcal{O}(2; \{6^2, 3^4, 2^{48}\})$	28512
6	$\mathcal{O}(2; \{6^2, 3^7, 2^{44}\})$	220320

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^2, 3^{10}, 2^{40}\})$	1770336
6	$\mathcal{O}(2; \{6^2, 3^{13}, 2^{36}\})$	14154912
6	$\mathcal{O}(2; \{6^2, 3^{16}, 2^{32}\})$	113247072
6	$\mathcal{O}(2; \{6^2, 3^{19}, 2^{28}\})$	905968800
6	$\mathcal{O}(2; \{6^2, 3^{22}, 2^{24}\})$	7247758176
6	$\mathcal{O}(2; \{6^2, 3^{25}, 2^{20}\})$	57982057632
6	$\mathcal{O}(2; \{6^2, 3^{28}, 2^{16}\})$	463856468832
6	$\mathcal{O}(2; \{6^2, 3^{31}, 2^{12}\})$	3710851742880
6	$\mathcal{O}(2; \{6^2, 3^{34}, 2^8\})$	29686813950816
6	$\mathcal{O}(2; \{6^2, 3^{37}, 2^4\})$	237494511598752
6	$\mathcal{O}(2; \{6^2, 3^{40}\})$	1899956092797792
6	$\mathcal{O}(2; \{6^3, 3^2, 2^{49}\})$	12960
6	$\mathcal{O}(2; \{6^3, 3^5, 2^{45}\})$	111456
6	$\mathcal{O}(2; \{6^3, 3^8, 2^{41}\})$	883872
6	$\mathcal{O}(2; \{6^3, 3^{11}, 2^{37}\})$	7078752
6	$\mathcal{O}(2; \{6^3, 3^{14}, 2^{33}\})$	56622240
6	$\mathcal{O}(2; \{6^3, 3^{17}, 2^{29}\})$	452985696
6	$\mathcal{O}(2; \{6^3, 3^{20}, 2^{25}\})$	3623877792
6	$\mathcal{O}(2; \{6^3, 3^{23}, 2^{21}\})$	28991030112
6	$\mathcal{O}(2; \{6^3, 3^{26}, 2^{17}\})$	231928233120
6	$\mathcal{O}(2; \{6^3, 3^{29}, 2^{13}\})$	1855425872736
6	$\mathcal{O}(2; \{6^3, 3^{32}, 2^9\})$	14843406974112
6	$\mathcal{O}(2; \{6^3, 3^{35}, 2^5\})$	118747255800672
6	$\mathcal{O}(2; \{6^3, 3^{38}, 2\})$	949978046397600
6	$\mathcal{O}(2; \{6^4, 2^{50}\})$	7776
6	$\mathcal{O}(2; \{6^4, 3^3, 2^{46}\})$	54432
6	$\mathcal{O}(2; \{6^4, 3^6, 2^{42}\})$	443232
6	$\mathcal{O}(2; \{6^4, 3^9, 2^{38}\})$	3538080
6	$\mathcal{O}(2; \{6^4, 3^{12}, 2^{34}\})$	28312416
6	$\mathcal{O}(2; \{6^4, 3^{15}, 2^{30}\})$	226491552
6	$\mathcal{O}(2; \{6^4, 3^{18}, 2^{26}\})$	1811940192
6	$\mathcal{O}(2; \{6^4, 3^{21}, 2^{22}\})$	14495513760
6	$\mathcal{O}(2; \{6^4, 3^{24}, 2^{18}\})$	115964117856
6	$\mathcal{O}(2; \{6^4, 3^{27}, 2^{14}\})$	927712935072
6	$\mathcal{O}(2; \{6^4, 3^{30}, 2^{10}\})$	7421703488352
6	$\mathcal{O}(2; \{6^4, 3^{33}, 2^6\})$	59373627899040
6	$\mathcal{O}(2; \{6^4, 3^{36}, 2^2\})$	474989023200096
6	$\mathcal{O}(2; \{6^5, 3, 2^{47}\})$	28512
6	$\mathcal{O}(2; \{6^5, 3^4, 2^{43}\})$	220320
6	$\mathcal{O}(2; \{6^5, 3^7, 2^{39}\})$	1770336
6	$\mathcal{O}(2; \{6^5, 3^{10}, 2^{35}\})$	14154912
6	$\mathcal{O}(2; \{6^5, 3^{13}, 2^{31}\})$	113247072
6	$\mathcal{O}(2; \{6^5, 3^{16}, 2^{27}\})$	905968800

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^5, 3^{19}, 2^{23}\})$	7247758176
6	$\mathcal{O}(2; \{6^5, 3^{22}, 2^{19}\})$	57982057632
6	$\mathcal{O}(2; \{6^5, 3^{25}, 2^{15}\})$	463856468832
6	$\mathcal{O}(2; \{6^5, 3^{28}, 2^{11}\})$	3710851742880
6	$\mathcal{O}(2; \{6^5, 3^{31}, 2^7\})$	29686813950816
6	$\mathcal{O}(2; \{6^5, 3^{34}, 2^3\})$	237494511598752
6	$\mathcal{O}(2; \{6^6, 3^2, 2^{44}\})$	111456
6	$\mathcal{O}(2; \{6^6, 3^5, 2^{40}\})$	883872
6	$\mathcal{O}(2; \{6^6, 3^8, 2^{36}\})$	7078752
6	$\mathcal{O}(2; \{6^6, 3^{11}, 2^{32}\})$	56622240
6	$\mathcal{O}(2; \{6^6, 3^{14}, 2^{28}\})$	452985696
6	$\mathcal{O}(2; \{6^6, 3^{17}, 2^{24}\})$	3623877792
6	$\mathcal{O}(2; \{6^6, 3^{20}, 2^{20}\})$	28991030112
6	$\mathcal{O}(2; \{6^6, 3^{23}, 2^{16}\})$	231928233120
6	$\mathcal{O}(2; \{6^6, 3^{26}, 2^{12}\})$	1855425872736
6	$\mathcal{O}(2; \{6^6, 3^{29}, 2^8\})$	14843406974112
6	$\mathcal{O}(2; \{6^6, 3^{32}, 2^4\})$	118747255800672
6	$\mathcal{O}(2; \{6^6, 3^{35}\})$	949978046397600
6	$\mathcal{O}(2; \{6^7, 2^{45}\})$	54432
6	$\mathcal{O}(2; \{6^7, 3^3, 2^{41}\})$	443232
6	$\mathcal{O}(2; \{6^7, 3^6, 2^{37}\})$	3538080
6	$\mathcal{O}(2; \{6^7, 3^9, 2^{33}\})$	28312416
6	$\mathcal{O}(2; \{6^7, 3^{12}, 2^{29}\})$	226491552
6	$\mathcal{O}(2; \{6^7, 3^{15}, 2^{25}\})$	1811940192
6	$\mathcal{O}(2; \{6^7, 3^{18}, 2^{21}\})$	14495513760
6	$\mathcal{O}(2; \{6^7, 3^{21}, 2^{17}\})$	115964117856
6	$\mathcal{O}(2; \{6^7, 3^{24}, 2^{13}\})$	927712935072
6	$\mathcal{O}(2; \{6^7, 3^{27}, 2^9\})$	7421703488352
6	$\mathcal{O}(2; \{6^7, 3^{30}, 2^5\})$	59373627899040
6	$\mathcal{O}(2; \{6^7, 3^{33}, 2\})$	474989023200096
6	$\mathcal{O}(2; \{6^8, 3, 2^{42}\})$	220320
6	$\mathcal{O}(2; \{6^8, 3^4, 2^{38}\})$	1770336
6	$\mathcal{O}(2; \{6^8, 3^7, 2^{34}\})$	14154912
6	$\mathcal{O}(2; \{6^8, 3^{10}, 2^{30}\})$	113247072
6	$\mathcal{O}(2; \{6^8, 3^{13}, 2^{26}\})$	905968800
6	$\mathcal{O}(2; \{6^8, 3^{16}, 2^{22}\})$	7247758176
6	$\mathcal{O}(2; \{6^8, 3^{19}, 2^{18}\})$	57982057632
6	$\mathcal{O}(2; \{6^8, 3^{22}, 2^{14}\})$	463856468832
6	$\mathcal{O}(2; \{6^8, 3^{25}, 2^{10}\})$	3710851742880
6	$\mathcal{O}(2; \{6^8, 3^{28}, 2^6\})$	29686813950816
6	$\mathcal{O}(2; \{6^8, 3^{31}, 2^2\})$	237494511598752
6	$\mathcal{O}(2; \{6^9, 3^2, 2^{39}\})$	883872
6	$\mathcal{O}(2; \{6^9, 3^5, 2^{35}\})$	7078752

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^9, 3^8, 2^{31}\})$	56622240
6	$\mathcal{O}(2; \{6^9, 3^{11}, 2^{27}\})$	452985696
6	$\mathcal{O}(2; \{6^9, 3^{14}, 2^{23}\})$	3623877792
6	$\mathcal{O}(2; \{6^9, 3^{17}, 2^{19}\})$	28991030112
6	$\mathcal{O}(2; \{6^9, 3^{20}, 2^{15}\})$	231928233120
6	$\mathcal{O}(2; \{6^9, 3^{23}, 2^{11}\})$	1855425872736
6	$\mathcal{O}(2; \{6^9, 3^{26}, 2^7\})$	14843406974112
6	$\mathcal{O}(2; \{6^9, 3^{29}, 2^3\})$	118747255800672
6	$\mathcal{O}(2; \{6^{10}, 2^{40}\})$	443232
6	$\mathcal{O}(2; \{6^{10}, 3^3, 2^{36}\})$	3538080
6	$\mathcal{O}(2; \{6^{10}, 3^6, 2^{32}\})$	28312416
6	$\mathcal{O}(2; \{6^{10}, 3^9, 2^{28}\})$	226491552
6	$\mathcal{O}(2; \{6^{10}, 3^{12}, 2^{24}\})$	1811940192
6	$\mathcal{O}(2; \{6^{10}, 3^{15}, 2^{20}\})$	14495513760
6	$\mathcal{O}(2; \{6^{10}, 3^{18}, 2^{16}\})$	115964117856
6	$\mathcal{O}(2; \{6^{10}, 3^{21}, 2^{12}\})$	927712935072
6	$\mathcal{O}(2; \{6^{10}, 3^{24}, 2^8\})$	7421703488352
6	$\mathcal{O}(2; \{6^{10}, 3^{27}, 2^4\})$	59373627899040
6	$\mathcal{O}(2; \{6^{10}, 3^{30}\})$	474989023200096
6	$\mathcal{O}(2; \{6^{11}, 3, 2^{37}\})$	1770336
6	$\mathcal{O}(2; \{6^{11}, 3^4, 2^{33}\})$	14154912
6	$\mathcal{O}(2; \{6^{11}, 3^7, 2^{29}\})$	113247072
6	$\mathcal{O}(2; \{6^{11}, 3^{10}, 2^{25}\})$	905968800
6	$\mathcal{O}(2; \{6^{11}, 3^{13}, 2^{21}\})$	7247758176
6	$\mathcal{O}(2; \{6^{11}, 3^{16}, 2^{17}\})$	57982057632
6	$\mathcal{O}(2; \{6^{11}, 3^{19}, 2^{13}\})$	463856468832
6	$\mathcal{O}(2; \{6^{11}, 3^{22}, 2^9\})$	3710851742880
6	$\mathcal{O}(2; \{6^{11}, 3^{25}, 2^5\})$	29686813950816
6	$\mathcal{O}(2; \{6^{11}, 3^{28}, 2\})$	237494511598752
6	$\mathcal{O}(2; \{6^{12}, 3^2, 2^{34}\})$	7078752
6	$\mathcal{O}(2; \{6^{12}, 3^5, 2^{30}\})$	56622240
6	$\mathcal{O}(2; \{6^{12}, 3^8, 2^{26}\})$	452985696
6	$\mathcal{O}(2; \{6^{12}, 3^{11}, 2^{22}\})$	3623877792
6	$\mathcal{O}(2; \{6^{12}, 3^{14}, 2^{18}\})$	28991030112
6	$\mathcal{O}(2; \{6^{12}, 3^{17}, 2^{14}\})$	231928233120
6	$\mathcal{O}(2; \{6^{12}, 3^{20}, 2^{10}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{12}, 3^{23}, 2^6\})$	14843406974112
6	$\mathcal{O}(2; \{6^{12}, 3^{26}, 2^2\})$	118747255800672
6	$\mathcal{O}(2; \{6^{13}, 2^{35}\})$	3538080
6	$\mathcal{O}(2; \{6^{13}, 3^3, 2^{31}\})$	28312416
6	$\mathcal{O}(2; \{6^{13}, 3^6, 2^{27}\})$	226491552
6	$\mathcal{O}(2; \{6^{13}, 3^9, 2^{23}\})$	1811940192
6	$\mathcal{O}(2; \{6^{13}, 3^{12}, 2^{19}\})$	14495513760

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^{13}, 3^{15}, 2^{15}\})$	115964117856
6	$\mathcal{O}(2; \{6^{13}, 3^{18}, 2^{11}\})$	927712935072
6	$\mathcal{O}(2; \{6^{13}, 3^{21}, 2^7\})$	7421703488352
6	$\mathcal{O}(2; \{6^{13}, 3^{24}, 2^3\})$	59373627899040
6	$\mathcal{O}(2; \{6^{14}, 3, 2^{32}\})$	14154912
6	$\mathcal{O}(2; \{6^{14}, 3^4, 2^{28}\})$	113247072
6	$\mathcal{O}(2; \{6^{14}, 3^7, 2^{24}\})$	905968800
6	$\mathcal{O}(2; \{6^{14}, 3^{10}, 2^{20}\})$	7247758176
6	$\mathcal{O}(2; \{6^{14}, 3^{13}, 2^{16}\})$	57982057632
6	$\mathcal{O}(2; \{6^{14}, 3^{16}, 2^{12}\})$	463856468832
6	$\mathcal{O}(2; \{6^{14}, 3^{19}, 2^8\})$	3710851742880
6	$\mathcal{O}(2; \{6^{14}, 3^{22}, 2^4\})$	29686813950816
6	$\mathcal{O}(2; \{6^{14}, 3^{25}\})$	237494511598752
6	$\mathcal{O}(2; \{6^{15}, 3^2, 2^{29}\})$	56622240
6	$\mathcal{O}(2; \{6^{15}, 3^5, 2^{25}\})$	452985696
6	$\mathcal{O}(2; \{6^{15}, 3^8, 2^{21}\})$	3623877792
6	$\mathcal{O}(2; \{6^{15}, 3^{11}, 2^{17}\})$	28991030112
6	$\mathcal{O}(2; \{6^{15}, 3^{14}, 2^{13}\})$	231928233120
6	$\mathcal{O}(2; \{6^{15}, 3^{17}, 2^9\})$	1855425872736
6	$\mathcal{O}(2; \{6^{15}, 3^{20}, 2^5\})$	14843406974112
6	$\mathcal{O}(2; \{6^{15}, 3^{23}, 2\})$	118747255800672
6	$\mathcal{O}(2; \{6^{16}, 2^{30}\})$	28312416
6	$\mathcal{O}(2; \{6^{16}, 3^3, 2^{26}\})$	226491552
6	$\mathcal{O}(2; \{6^{16}, 3^6, 2^{22}\})$	1811940192
6	$\mathcal{O}(2; \{6^{16}, 3^9, 2^{18}\})$	14495513760
6	$\mathcal{O}(2; \{6^{16}, 3^{12}, 2^{14}\})$	115964117856
6	$\mathcal{O}(2; \{6^{16}, 3^{15}, 2^{10}\})$	927712935072
6	$\mathcal{O}(2; \{6^{16}, 3^{18}, 2^6\})$	7421703488352
6	$\mathcal{O}(2; \{6^{16}, 3^{21}, 2^2\})$	59373627899040
6	$\mathcal{O}(2; \{6^{17}, 3, 2^{27}\})$	113247072
6	$\mathcal{O}(2; \{6^{17}, 3^4, 2^{23}\})$	905968800
6	$\mathcal{O}(2; \{6^{17}, 3^7, 2^{19}\})$	7247758176
6	$\mathcal{O}(2; \{6^{17}, 3^{10}, 2^{15}\})$	57982057632
6	$\mathcal{O}(2; \{6^{17}, 3^{13}, 2^{11}\})$	463856468832
6	$\mathcal{O}(2; \{6^{17}, 3^{16}, 2^7\})$	3710851742880
6	$\mathcal{O}(2; \{6^{17}, 3^{19}, 2^3\})$	29686813950816
6	$\mathcal{O}(2; \{6^{18}, 3^2, 2^{24}\})$	452985696
6	$\mathcal{O}(2; \{6^{18}, 3^5, 2^{20}\})$	3623877792
6	$\mathcal{O}(2; \{6^{18}, 3^8, 2^{16}\})$	28991030112
6	$\mathcal{O}(2; \{6^{18}, 3^{11}, 2^{12}\})$	231928233120
6	$\mathcal{O}(2; \{6^{18}, 3^{14}, 2^8\})$	1855425872736
6	$\mathcal{O}(2; \{6^{18}, 3^{17}, 2^4\})$	14843406974112
6	$\mathcal{O}(2; \{6^{18}, 3^{20}\})$	118747255800672

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^{19}, 2^{25}\})$	226491552
6	$\mathcal{O}(2; \{6^{19}, 3^3, 2^{21}\})$	1811940192
6	$\mathcal{O}(2; \{6^{19}, 3^6, 2^{17}\})$	14495513760
6	$\mathcal{O}(2; \{6^{19}, 3^9, 2^{13}\})$	115964117856
6	$\mathcal{O}(2; \{6^{19}, 3^{12}, 2^9\})$	927712935072
6	$\mathcal{O}(2; \{6^{19}, 3^{15}, 2^5\})$	7421703488352
6	$\mathcal{O}(2; \{6^{19}, 3^{18}, 2\})$	59373627899040
6	$\mathcal{O}(2; \{6^{20}, 3, 2^{22}\})$	905968800
6	$\mathcal{O}(2; \{6^{20}, 3^4, 2^{18}\})$	7247758176
6	$\mathcal{O}(2; \{6^{20}, 3^7, 2^{14}\})$	57982057632
6	$\mathcal{O}(2; \{6^{20}, 3^{10}, 2^{10}\})$	463856468832
6	$\mathcal{O}(2; \{6^{20}, 3^{13}, 2^6\})$	3710851742880
6	$\mathcal{O}(2; \{6^{20}, 3^{16}, 2^2\})$	29686813950816
6	$\mathcal{O}(2; \{6^{21}, 3^2, 2^{19}\})$	3623877792
6	$\mathcal{O}(2; \{6^{21}, 3^5, 2^{15}\})$	28991030112
6	$\mathcal{O}(2; \{6^{21}, 3^8, 2^{11}\})$	231928233120
6	$\mathcal{O}(2; \{6^{21}, 3^{11}, 2^7\})$	1855425872736
6	$\mathcal{O}(2; \{6^{21}, 3^{14}, 2^3\})$	14843406974112
6	$\mathcal{O}(2; \{6^{22}, 2^{20}\})$	1811940192
6	$\mathcal{O}(2; \{6^{22}, 3^3, 2^{16}\})$	14495513760
6	$\mathcal{O}(2; \{6^{22}, 3^6, 2^{12}\})$	115964117856
6	$\mathcal{O}(2; \{6^{22}, 3^9, 2^8\})$	927712935072
6	$\mathcal{O}(2; \{6^{22}, 3^{12}, 2^4\})$	7421703488352
6	$\mathcal{O}(2; \{6^{22}, 3^{15}\})$	59373627899040
6	$\mathcal{O}(2; \{6^{23}, 3, 2^{17}\})$	7247758176
6	$\mathcal{O}(2; \{6^{23}, 3^4, 2^{13}\})$	57982057632
6	$\mathcal{O}(2; \{6^{23}, 3^7, 2^9\})$	463856468832
6	$\mathcal{O}(2; \{6^{23}, 3^{10}, 2^5\})$	3710851742880
6	$\mathcal{O}(2; \{6^{23}, 3^{13}, 2\})$	29686813950816
6	$\mathcal{O}(2; \{6^{24}, 3^2, 2^{14}\})$	28991030112
6	$\mathcal{O}(2; \{6^{24}, 3^5, 2^{10}\})$	231928233120
6	$\mathcal{O}(2; \{6^{24}, 3^8, 2^6\})$	1855425872736
6	$\mathcal{O}(2; \{6^{24}, 3^{11}, 2^2\})$	14843406974112
6	$\mathcal{O}(2; \{6^{25}, 2^{15}\})$	14495513760
6	$\mathcal{O}(2; \{6^{25}, 3^3, 2^{11}\})$	115964117856
6	$\mathcal{O}(2; \{6^{25}, 3^6, 2^7\})$	927712935072
6	$\mathcal{O}(2; \{6^{25}, 3^9, 2^3\})$	7421703488352
6	$\mathcal{O}(2; \{6^{26}, 3, 2^{12}\})$	57982057632
6	$\mathcal{O}(2; \{6^{26}, 3^4, 2^8\})$	463856468832
6	$\mathcal{O}(2; \{6^{26}, 3^7, 2^4\})$	3710851742880
6	$\mathcal{O}(2; \{6^{26}, 3^{10}\})$	29686813950816
6	$\mathcal{O}(2; \{6^{27}, 3^2, 2^9\})$	231928233120
6	$\mathcal{O}(2; \{6^{27}, 3^5, 2^5\})$	1855425872736

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^{27}, 3^8, 2\})$	14843406974112
6	$\mathcal{O}(2; \{6^{28}, 2^{10}\})$	115964117856
6	$\mathcal{O}(2; \{6^{28}, 3^3, 2^6\})$	927712935072
6	$\mathcal{O}(2; \{6^{28}, 3^6, 2^2\})$	7421703488352
6	$\mathcal{O}(2; \{6^{29}, 3, 2^7\})$	463856468832
6	$\mathcal{O}(2; \{6^{29}, 3^4, 2^3\})$	3710851742880
6	$\mathcal{O}(2; \{6^{30}, 3^2, 2^4\})$	1855425872736
6	$\mathcal{O}(2; \{6^{30}, 3^5\})$	14843406974112
6	$\mathcal{O}(2; \{6^{31}, 2^5\})$	927712935072
6	$\mathcal{O}(2; \{6^{31}, 3^3, 2\})$	7421703488352
6	$\mathcal{O}(2; \{6^{32}, 3, 2^2\})$	3710851742880
6	$\mathcal{O}(2; \{6^{34}\})$	7421703488352
6	$\mathcal{O}(1; \{3^2, 2^{58}\})$	72
6	$\mathcal{O}(1; \{3^5, 2^{54}\})$	360
6	$\mathcal{O}(1; \{3^8, 2^{50}\})$	3096
6	$\mathcal{O}(1; \{3^{11}, 2^{46}\})$	24552
6	$\mathcal{O}(1; \{3^{14}, 2^{42}\})$	196632
6	$\mathcal{O}(1; \{3^{17}, 2^{38}\})$	1572840
6	$\mathcal{O}(1; \{3^{20}, 2^{34}\})$	12582936
6	$\mathcal{O}(1; \{3^{23}, 2^{30}\})$	100663272
6	$\mathcal{O}(1; \{3^{26}, 2^{26}\})$	805306392
6	$\mathcal{O}(1; \{3^{29}, 2^{22}\})$	6442450920
6	$\mathcal{O}(1; \{3^{32}, 2^{18}\})$	51539607576
6	$\mathcal{O}(1; \{3^{35}, 2^{14}\})$	412316860392
6	$\mathcal{O}(1; \{3^{38}, 2^{10}\})$	3298534883352
6	$\mathcal{O}(1; \{3^{41}, 2^6\})$	26388279066600
6	$\mathcal{O}(1; \{3^{44}, 2^2\})$	211106232533016
6	$\mathcal{O}(1; \{6, 3^3, 2^{55}\})$	216
6	$\mathcal{O}(1; \{6, 3^6, 2^{51}\})$	1512
6	$\mathcal{O}(1; \{6, 3^9, 2^{47}\})$	12312
6	$\mathcal{O}(1; \{6, 3^{12}, 2^{43}\})$	98280
6	$\mathcal{O}(1; \{6, 3^{15}, 2^{39}\})$	786456
6	$\mathcal{O}(1; \{6, 3^{18}, 2^{35}\})$	6291432
6	$\mathcal{O}(1; \{6, 3^{21}, 2^{31}\})$	50331672
6	$\mathcal{O}(1; \{6, 3^{24}, 2^{27}\})$	402653160
6	$\mathcal{O}(1; \{6, 3^{27}, 2^{23}\})$	3221225496
6	$\mathcal{O}(1; \{6, 3^{30}, 2^{19}\})$	25769803752
6	$\mathcal{O}(1; \{6, 3^{33}, 2^{15}\})$	206158430232
6	$\mathcal{O}(1; \{6, 3^{36}, 2^{11}\})$	1649267441640
6	$\mathcal{O}(1; \{6, 3^{39}, 2^7\})$	13194139533336
6	$\mathcal{O}(1; \{6, 3^{42}, 2^3\})$	105553116266472
6	$\mathcal{O}(1; \{6^2, 3, 2^{56}\})$	72
6	$\mathcal{O}(1; \{6^2, 3^4, 2^{52}\})$	792

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^2, 3^7, 2^{48}\})$	6120
6	$\mathcal{O}(1; \{6^2, 3^{10}, 2^{44}\})$	49176
6	$\mathcal{O}(1; \{6^2, 3^{13}, 2^{40}\})$	393192
6	$\mathcal{O}(1; \{6^2, 3^{16}, 2^{36}\})$	3145752
6	$\mathcal{O}(1; \{6^2, 3^{19}, 2^{32}\})$	25165800
6	$\mathcal{O}(1; \{6^2, 3^{22}, 2^{28}\})$	201326616
6	$\mathcal{O}(1; \{6^2, 3^{25}, 2^{24}\})$	1610612712
6	$\mathcal{O}(1; \{6^2, 3^{28}, 2^{20}\})$	12884901912
6	$\mathcal{O}(1; \{6^2, 3^{31}, 2^{16}\})$	103079215080
6	$\mathcal{O}(1; \{6^2, 3^{34}, 2^{12}\})$	824633720856
6	$\mathcal{O}(1; \{6^2, 3^{37}, 2^8\})$	6597069766632
6	$\mathcal{O}(1; \{6^2, 3^{40}, 2^4\})$	52776558133272
6	$\mathcal{O}(1; \{6^2, 3^{43}\})$	422212465065960
6	$\mathcal{O}(1; \{6^3, 3^2, 2^{53}\})$	360
6	$\mathcal{O}(1; \{6^3, 3^5, 2^{49}\})$	3096
6	$\mathcal{O}(1; \{6^3, 3^8, 2^{45}\})$	24552
6	$\mathcal{O}(1; \{6^3, 3^{11}, 2^{41}\})$	196632
6	$\mathcal{O}(1; \{6^3, 3^{14}, 2^{37}\})$	1572840
6	$\mathcal{O}(1; \{6^3, 3^{17}, 2^{33}\})$	12582936
6	$\mathcal{O}(1; \{6^3, 3^{20}, 2^{29}\})$	100663272
6	$\mathcal{O}(1; \{6^3, 3^{23}, 2^{25}\})$	805306392
6	$\mathcal{O}(1; \{6^3, 3^{26}, 2^{21}\})$	6442450920
6	$\mathcal{O}(1; \{6^3, 3^{29}, 2^{17}\})$	51539607576
6	$\mathcal{O}(1; \{6^3, 3^{32}, 2^{13}\})$	412316860392
6	$\mathcal{O}(1; \{6^3, 3^{35}, 2^9\})$	3298534883352
6	$\mathcal{O}(1; \{6^3, 3^{38}, 2^5\})$	26388279066600
6	$\mathcal{O}(1; \{6^3, 3^{41}, 2\})$	211106232533016
6	$\mathcal{O}(1; \{6^4, 2^{54}\})$	216
6	$\mathcal{O}(1; \{6^4, 3^3, 2^{50}\})$	1512
6	$\mathcal{O}(1; \{6^4, 3^6, 2^{46}\})$	12312
6	$\mathcal{O}(1; \{6^4, 3^9, 2^{42}\})$	98280
6	$\mathcal{O}(1; \{6^4, 3^{12}, 2^{38}\})$	786456
6	$\mathcal{O}(1; \{6^4, 3^{15}, 2^{34}\})$	6291432
6	$\mathcal{O}(1; \{6^4, 3^{18}, 2^{30}\})$	50331672
6	$\mathcal{O}(1; \{6^4, 3^{21}, 2^{26}\})$	402653160
6	$\mathcal{O}(1; \{6^4, 3^{24}, 2^{22}\})$	3221225496
6	$\mathcal{O}(1; \{6^4, 3^{27}, 2^{18}\})$	25769803752
6	$\mathcal{O}(1; \{6^4, 3^{30}, 2^{14}\})$	206158430232
6	$\mathcal{O}(1; \{6^4, 3^{33}, 2^{10}\})$	1649267441640
6	$\mathcal{O}(1; \{6^4, 3^{36}, 2^6\})$	13194139533336
6	$\mathcal{O}(1; \{6^4, 3^{39}, 2^2\})$	105553116266472
6	$\mathcal{O}(1; \{6^5, 3, 2^{51}\})$	792
6	$\mathcal{O}(1; \{6^5, 3^4, 2^{47}\})$	6120

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^5, 3^7, 2^{43}\})$	49176
6	$\mathcal{O}(1; \{6^5, 3^{10}, 2^{39}\})$	393192
6	$\mathcal{O}(1; \{6^5, 3^{13}, 2^{35}\})$	3145752
6	$\mathcal{O}(1; \{6^5, 3^{16}, 2^{31}\})$	25165800
6	$\mathcal{O}(1; \{6^5, 3^{19}, 2^{27}\})$	201326616
6	$\mathcal{O}(1; \{6^5, 3^{22}, 2^{23}\})$	1610612712
6	$\mathcal{O}(1; \{6^5, 3^{25}, 2^{19}\})$	12884901912
6	$\mathcal{O}(1; \{6^5, 3^{28}, 2^{15}\})$	103079215080
6	$\mathcal{O}(1; \{6^5, 3^{31}, 2^{11}\})$	824633720856
6	$\mathcal{O}(1; \{6^5, 3^{34}, 2^7\})$	6597069766632
6	$\mathcal{O}(1; \{6^5, 3^{37}, 2^3\})$	52776558133272
6	$\mathcal{O}(1; \{6^6, 3^2, 2^{48}\})$	3096
6	$\mathcal{O}(1; \{6^6, 3^5, 2^{44}\})$	24552
6	$\mathcal{O}(1; \{6^6, 3^8, 2^{40}\})$	196632
6	$\mathcal{O}(1; \{6^6, 3^{11}, 2^{36}\})$	1572840
6	$\mathcal{O}(1; \{6^6, 3^{14}, 2^{32}\})$	12582936
6	$\mathcal{O}(1; \{6^6, 3^{17}, 2^{28}\})$	100663272
6	$\mathcal{O}(1; \{6^6, 3^{20}, 2^{24}\})$	805306392
6	$\mathcal{O}(1; \{6^6, 3^{23}, 2^{20}\})$	6442450920
6	$\mathcal{O}(1; \{6^6, 3^{26}, 2^{16}\})$	51539607576
6	$\mathcal{O}(1; \{6^6, 3^{29}, 2^{12}\})$	412316860392
6	$\mathcal{O}(1; \{6^6, 3^{32}, 2^8\})$	3298534883352
6	$\mathcal{O}(1; \{6^6, 3^{35}, 2^4\})$	26388279066600
6	$\mathcal{O}(1; \{6^6, 3^{38}\})$	211106232533016
6	$\mathcal{O}(1; \{6^7, 2^{49}\})$	1512
6	$\mathcal{O}(1; \{6^7, 3^3, 2^{45}\})$	12312
6	$\mathcal{O}(1; \{6^7, 3^6, 2^{41}\})$	98280
6	$\mathcal{O}(1; \{6^7, 3^9, 2^{37}\})$	786456
6	$\mathcal{O}(1; \{6^7, 3^{12}, 2^{33}\})$	6291432
6	$\mathcal{O}(1; \{6^7, 3^{15}, 2^{29}\})$	50331672
6	$\mathcal{O}(1; \{6^7, 3^{18}, 2^{25}\})$	402653160
6	$\mathcal{O}(1; \{6^7, 3^{21}, 2^{21}\})$	3221225496
6	$\mathcal{O}(1; \{6^7, 3^{24}, 2^{17}\})$	25769803752
6	$\mathcal{O}(1; \{6^7, 3^{27}, 2^{13}\})$	206158430232
6	$\mathcal{O}(1; \{6^7, 3^{30}, 2^9\})$	1649267441640
6	$\mathcal{O}(1; \{6^7, 3^{33}, 2^5\})$	13194139533336
6	$\mathcal{O}(1; \{6^7, 3^{36}, 2\})$	105553116266472
6	$\mathcal{O}(1; \{6^8, 3, 2^{46}\})$	6120
6	$\mathcal{O}(1; \{6^8, 3^4, 2^{42}\})$	49176
6	$\mathcal{O}(1; \{6^8, 3^7, 2^{38}\})$	393192
6	$\mathcal{O}(1; \{6^8, 3^{10}, 2^{34}\})$	3145752
6	$\mathcal{O}(1; \{6^8, 3^{13}, 2^{30}\})$	25165800
6	$\mathcal{O}(1; \{6^8, 3^{16}, 2^{26}\})$	201326616

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^8, 3^{19}, 2^{22}\})$	1610612712
6	$\mathcal{O}(1; \{6^8, 3^{22}, 2^{18}\})$	12884901912
6	$\mathcal{O}(1; \{6^8, 3^{25}, 2^{14}\})$	103079215080
6	$\mathcal{O}(1; \{6^8, 3^{28}, 2^{10}\})$	824633720856
6	$\mathcal{O}(1; \{6^8, 3^{31}, 2^6\})$	6597069766632
6	$\mathcal{O}(1; \{6^8, 3^{34}, 2^2\})$	52776558133272
6	$\mathcal{O}(1; \{6^9, 3^2, 2^{43}\})$	24552
6	$\mathcal{O}(1; \{6^9, 3^5, 2^{39}\})$	196632
6	$\mathcal{O}(1; \{6^9, 3^8, 2^{35}\})$	1572840
6	$\mathcal{O}(1; \{6^9, 3^{11}, 2^{31}\})$	12582936
6	$\mathcal{O}(1; \{6^9, 3^{14}, 2^{27}\})$	100663272
6	$\mathcal{O}(1; \{6^9, 3^{17}, 2^{23}\})$	805306392
6	$\mathcal{O}(1; \{6^9, 3^{20}, 2^{19}\})$	6442450920
6	$\mathcal{O}(1; \{6^9, 3^{23}, 2^{15}\})$	51539607576
6	$\mathcal{O}(1; \{6^9, 3^{26}, 2^{11}\})$	412316860392
6	$\mathcal{O}(1; \{6^9, 3^{29}, 2^7\})$	3298534883352
6	$\mathcal{O}(1; \{6^9, 3^{32}, 2^3\})$	26388279066600
6	$\mathcal{O}(1; \{6^{10}, 2^{44}\})$	12312
6	$\mathcal{O}(1; \{6^{10}, 3^3, 2^{40}\})$	98280
6	$\mathcal{O}(1; \{6^{10}, 3^6, 2^{36}\})$	786456
6	$\mathcal{O}(1; \{6^{10}, 3^9, 2^{32}\})$	6291432
6	$\mathcal{O}(1; \{6^{10}, 3^{12}, 2^{28}\})$	50331672
6	$\mathcal{O}(1; \{6^{10}, 3^{15}, 2^{24}\})$	402653160
6	$\mathcal{O}(1; \{6^{10}, 3^{18}, 2^{20}\})$	3221225496
6	$\mathcal{O}(1; \{6^{10}, 3^{21}, 2^{16}\})$	25769803752
6	$\mathcal{O}(1; \{6^{10}, 3^{24}, 2^{12}\})$	206158430232
6	$\mathcal{O}(1; \{6^{10}, 3^{27}, 2^8\})$	1649267441640
6	$\mathcal{O}(1; \{6^{10}, 3^{30}, 2^4\})$	13194139533336
6	$\mathcal{O}(1; \{6^{10}, 3^{33}\})$	105553116266472
6	$\mathcal{O}(1; \{6^{11}, 3, 2^{41}\})$	49176
6	$\mathcal{O}(1; \{6^{11}, 3^4, 2^{37}\})$	393192
6	$\mathcal{O}(1; \{6^{11}, 3^7, 2^{33}\})$	3145752
6	$\mathcal{O}(1; \{6^{11}, 3^{10}, 2^{29}\})$	25165800
6	$\mathcal{O}(1; \{6^{11}, 3^{13}, 2^{25}\})$	201326616
6	$\mathcal{O}(1; \{6^{11}, 3^{16}, 2^{21}\})$	1610612712
6	$\mathcal{O}(1; \{6^{11}, 3^{19}, 2^{17}\})$	12884901912
6	$\mathcal{O}(1; \{6^{11}, 3^{22}, 2^{13}\})$	103079215080
6	$\mathcal{O}(1; \{6^{11}, 3^{25}, 2^9\})$	824633720856
6	$\mathcal{O}(1; \{6^{11}, 3^{28}, 2^5\})$	6597069766632
6	$\mathcal{O}(1; \{6^{11}, 3^{31}, 2\})$	52776558133272
6	$\mathcal{O}(1; \{6^{12}, 3^2, 2^{38}\})$	196632
6	$\mathcal{O}(1; \{6^{12}, 3^5, 2^{34}\})$	1572840
6	$\mathcal{O}(1; \{6^{12}, 3^8, 2^{30}\})$	12582936

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{12}, 3^{11}, 2^{26}\})$	100663272
6	$\mathcal{O}(1; \{6^{12}, 3^{14}, 2^{22}\})$	805306392
6	$\mathcal{O}(1; \{6^{12}, 3^{17}, 2^{18}\})$	6442450920
6	$\mathcal{O}(1; \{6^{12}, 3^{20}, 2^{14}\})$	51539607576
6	$\mathcal{O}(1; \{6^{12}, 3^{23}, 2^{10}\})$	412316860392
6	$\mathcal{O}(1; \{6^{12}, 3^{26}, 2^6\})$	3298534883352
6	$\mathcal{O}(1; \{6^{12}, 3^{29}, 2^2\})$	26388279066600
6	$\mathcal{O}(1; \{6^{13}, 2^{39}\})$	98280
6	$\mathcal{O}(1; \{6^{13}, 3^3, 2^{35}\})$	786456
6	$\mathcal{O}(1; \{6^{13}, 3^6, 2^{31}\})$	6291432
6	$\mathcal{O}(1; \{6^{13}, 3^9, 2^{27}\})$	50331672
6	$\mathcal{O}(1; \{6^{13}, 3^{12}, 2^{23}\})$	402653160
6	$\mathcal{O}(1; \{6^{13}, 3^{15}, 2^{19}\})$	3221225496
6	$\mathcal{O}(1; \{6^{13}, 3^{18}, 2^{15}\})$	25769803752
6	$\mathcal{O}(1; \{6^{13}, 3^{21}, 2^{11}\})$	206158430232
6	$\mathcal{O}(1; \{6^{13}, 3^{24}, 2^7\})$	1649267441640
6	$\mathcal{O}(1; \{6^{13}, 3^{27}, 2^3\})$	13194139533336
6	$\mathcal{O}(1; \{6^{14}, 3, 2^{36}\})$	393192
6	$\mathcal{O}(1; \{6^{14}, 3^4, 2^{32}\})$	3145752
6	$\mathcal{O}(1; \{6^{14}, 3^7, 2^{28}\})$	25165800
6	$\mathcal{O}(1; \{6^{14}, 3^{10}, 2^{24}\})$	201326616
6	$\mathcal{O}(1; \{6^{14}, 3^{13}, 2^{20}\})$	1610612712
6	$\mathcal{O}(1; \{6^{14}, 3^{16}, 2^{16}\})$	12884901912
6	$\mathcal{O}(1; \{6^{14}, 3^{19}, 2^{12}\})$	103079215080
6	$\mathcal{O}(1; \{6^{14}, 3^{22}, 2^8\})$	824633720856
6	$\mathcal{O}(1; \{6^{14}, 3^{25}, 2^4\})$	6597069766632
6	$\mathcal{O}(1; \{6^{14}, 3^{28}\})$	52776558133272
6	$\mathcal{O}(1; \{6^{15}, 3^2, 2^{33}\})$	1572840
6	$\mathcal{O}(1; \{6^{15}, 3^5, 2^{29}\})$	12582936
6	$\mathcal{O}(1; \{6^{15}, 3^8, 2^{25}\})$	100663272
6	$\mathcal{O}(1; \{6^{15}, 3^{11}, 2^{21}\})$	805306392
6	$\mathcal{O}(1; \{6^{15}, 3^{14}, 2^{17}\})$	6442450920
6	$\mathcal{O}(1; \{6^{15}, 3^{17}, 2^{13}\})$	51539607576
6	$\mathcal{O}(1; \{6^{15}, 3^{20}, 2^9\})$	412316860392
6	$\mathcal{O}(1; \{6^{15}, 3^{23}, 2^5\})$	3298534883352
6	$\mathcal{O}(1; \{6^{15}, 3^{26}, 2\})$	26388279066600
6	$\mathcal{O}(1; \{6^{16}, 2^{34}\})$	786456
6	$\mathcal{O}(1; \{6^{16}, 3^3, 2^{30}\})$	6291432
6	$\mathcal{O}(1; \{6^{16}, 3^6, 2^{26}\})$	50331672
6	$\mathcal{O}(1; \{6^{16}, 3^9, 2^{22}\})$	402653160
6	$\mathcal{O}(1; \{6^{16}, 3^{12}, 2^{18}\})$	3221225496
6	$\mathcal{O}(1; \{6^{16}, 3^{15}, 2^{14}\})$	25769803752
6	$\mathcal{O}(1; \{6^{16}, 3^{18}, 2^{10}\})$	206158430232

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{16}, 3^{21}, 2^6\})$	1649267441640
6	$\mathcal{O}(1; \{6^{16}, 3^{24}, 2^2\})$	13194139533336
6	$\mathcal{O}(1; \{6^{17}, 3, 2^{31}\})$	3145752
6	$\mathcal{O}(1; \{6^{17}, 3^4, 2^{27}\})$	25165800
6	$\mathcal{O}(1; \{6^{17}, 3^7, 2^{23}\})$	201326616
6	$\mathcal{O}(1; \{6^{17}, 3^{10}, 2^{19}\})$	1610612712
6	$\mathcal{O}(1; \{6^{17}, 3^{13}, 2^{15}\})$	12884901912
6	$\mathcal{O}(1; \{6^{17}, 3^{16}, 2^{11}\})$	103079215080
6	$\mathcal{O}(1; \{6^{17}, 3^{19}, 2^7\})$	824633720856
6	$\mathcal{O}(1; \{6^{17}, 3^{22}, 2^3\})$	6597069766632
6	$\mathcal{O}(1; \{6^{18}, 3^2, 2^{28}\})$	12582936
6	$\mathcal{O}(1; \{6^{18}, 3^5, 2^{24}\})$	100663272
6	$\mathcal{O}(1; \{6^{18}, 3^8, 2^{20}\})$	805306392
6	$\mathcal{O}(1; \{6^{18}, 3^{11}, 2^{16}\})$	6442450920
6	$\mathcal{O}(1; \{6^{18}, 3^{14}, 2^{12}\})$	51539607576
6	$\mathcal{O}(1; \{6^{18}, 3^{17}, 2^8\})$	412316860392
6	$\mathcal{O}(1; \{6^{18}, 3^{20}, 2^4\})$	3298534883352
6	$\mathcal{O}(1; \{6^{18}, 3^{23}\})$	26388279066600
6	$\mathcal{O}(1; \{6^{19}, 2^{29}\})$	6291432
6	$\mathcal{O}(1; \{6^{19}, 3^3, 2^{25}\})$	50331672
6	$\mathcal{O}(1; \{6^{19}, 3^6, 2^{21}\})$	402653160
6	$\mathcal{O}(1; \{6^{19}, 3^9, 2^{17}\})$	3221225496
6	$\mathcal{O}(1; \{6^{19}, 3^{12}, 2^{13}\})$	25769803752
6	$\mathcal{O}(1; \{6^{19}, 3^{15}, 2^9\})$	206158430232
6	$\mathcal{O}(1; \{6^{19}, 3^{18}, 2^5\})$	1649267441640
6	$\mathcal{O}(1; \{6^{19}, 3^{21}, 2\})$	13194139533336
6	$\mathcal{O}(1; \{6^{20}, 3, 2^{26}\})$	25165800
6	$\mathcal{O}(1; \{6^{20}, 3^4, 2^{22}\})$	201326616
6	$\mathcal{O}(1; \{6^{20}, 3^7, 2^{18}\})$	1610612712
6	$\mathcal{O}(1; \{6^{20}, 3^{10}, 2^{14}\})$	12884901912
6	$\mathcal{O}(1; \{6^{20}, 3^{13}, 2^{10}\})$	103079215080
6	$\mathcal{O}(1; \{6^{20}, 3^{16}, 2^6\})$	824633720856
6	$\mathcal{O}(1; \{6^{20}, 3^{19}, 2^2\})$	6597069766632
6	$\mathcal{O}(1; \{6^{21}, 3^2, 2^{23}\})$	100663272
6	$\mathcal{O}(1; \{6^{21}, 3^5, 2^{19}\})$	805306392
6	$\mathcal{O}(1; \{6^{21}, 3^8, 2^{15}\})$	6442450920
6	$\mathcal{O}(1; \{6^{21}, 3^{11}, 2^{11}\})$	51539607576
6	$\mathcal{O}(1; \{6^{21}, 3^{14}, 2^7\})$	412316860392
6	$\mathcal{O}(1; \{6^{21}, 3^{17}, 2^3\})$	3298534883352
6	$\mathcal{O}(1; \{6^{22}, 2^{24}\})$	50331672
6	$\mathcal{O}(1; \{6^{22}, 3^3, 2^{20}\})$	402653160
6	$\mathcal{O}(1; \{6^{22}, 3^6, 2^{16}\})$	3221225496
6	$\mathcal{O}(1; \{6^{22}, 3^9, 2^{12}\})$	25769803752

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{22}, 3^{12}, 2^8\})$	206158430232
6	$\mathcal{O}(1; \{6^{22}, 3^{15}, 2^4\})$	1649267441640
6	$\mathcal{O}(1; \{6^{22}, 3^{18}\})$	13194139533336
6	$\mathcal{O}(1; \{6^{23}, 3, 2^{21}\})$	201326616
6	$\mathcal{O}(1; \{6^{23}, 3^4, 2^{17}\})$	1610612712
6	$\mathcal{O}(1; \{6^{23}, 3^7, 2^{13}\})$	12884901912
6	$\mathcal{O}(1; \{6^{23}, 3^{10}, 2^9\})$	103079215080
6	$\mathcal{O}(1; \{6^{23}, 3^{13}, 2^5\})$	824633720856
6	$\mathcal{O}(1; \{6^{23}, 3^{16}, 2\})$	6597069766632
6	$\mathcal{O}(1; \{6^{24}, 3^2, 2^{18}\})$	805306392
6	$\mathcal{O}(1; \{6^{24}, 3^5, 2^{14}\})$	6442450920
6	$\mathcal{O}(1; \{6^{24}, 3^8, 2^{10}\})$	51539607576
6	$\mathcal{O}(1; \{6^{24}, 3^{11}, 2^6\})$	412316860392
6	$\mathcal{O}(1; \{6^{24}, 3^{14}, 2^2\})$	3298534883352
6	$\mathcal{O}(1; \{6^{25}, 2^{19}\})$	402653160
6	$\mathcal{O}(1; \{6^{25}, 3^3, 2^{15}\})$	3221225496
6	$\mathcal{O}(1; \{6^{25}, 3^6, 2^{11}\})$	25769803752
6	$\mathcal{O}(1; \{6^{25}, 3^9, 2^7\})$	206158430232
6	$\mathcal{O}(1; \{6^{25}, 3^{12}, 2^3\})$	1649267441640
6	$\mathcal{O}(1; \{6^{26}, 3, 2^{16}\})$	1610612712
6	$\mathcal{O}(1; \{6^{26}, 3^4, 2^{12}\})$	12884901912
6	$\mathcal{O}(1; \{6^{26}, 3^7, 2^8\})$	103079215080
6	$\mathcal{O}(1; \{6^{26}, 3^{10}, 2^4\})$	824633720856
6	$\mathcal{O}(1; \{6^{26}, 3^{13}\})$	6597069766632
6	$\mathcal{O}(1; \{6^{27}, 3^2, 2^{13}\})$	6442450920
6	$\mathcal{O}(1; \{6^{27}, 3^5, 2^9\})$	51539607576
6	$\mathcal{O}(1; \{6^{27}, 3^8, 2^5\})$	412316860392
6	$\mathcal{O}(1; \{6^{27}, 3^{11}, 2\})$	3298534883352
6	$\mathcal{O}(1; \{6^{28}, 2^{14}\})$	3221225496
6	$\mathcal{O}(1; \{6^{28}, 3^3, 2^{10}\})$	25769803752
6	$\mathcal{O}(1; \{6^{28}, 3^6, 2^6\})$	206158430232
6	$\mathcal{O}(1; \{6^{28}, 3^9, 2^2\})$	1649267441640
6	$\mathcal{O}(1; \{6^{29}, 3, 2^{11}\})$	12884901912
6	$\mathcal{O}(1; \{6^{29}, 3^4, 2^7\})$	103079215080
6	$\mathcal{O}(1; \{6^{29}, 3^7, 2^3\})$	824633720856
6	$\mathcal{O}(1; \{6^{30}, 3^2, 2^8\})$	51539607576
6	$\mathcal{O}(1; \{6^{30}, 3^5, 2^4\})$	412316860392
6	$\mathcal{O}(1; \{6^{30}, 3^8\})$	3298534883352
6	$\mathcal{O}(1; \{6^{31}, 2^9\})$	25769803752
6	$\mathcal{O}(1; \{6^{31}, 3^3, 2^5\})$	206158430232
6	$\mathcal{O}(1; \{6^{31}, 3^6, 2\})$	1649267441640
6	$\mathcal{O}(1; \{6^{32}, 3, 2^6\})$	103079215080
6	$\mathcal{O}(1; \{6^{32}, 3^4, 2^2\})$	824633720856

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{33}, 3^2, 2^3\})$	412316860392
6	$\mathcal{O}(1; \{6^{34}, 2^4\})$	206158430232
6	$\mathcal{O}(1; \{6^{34}, 3^3\})$	1649267441640
6	$\mathcal{O}(1; \{6^{35}, 3, 2\})$	824633720856
6	$\mathcal{O}(0; \{3^2, 2^{62}\})$	2
6	$\mathcal{O}(0; \{3^5, 2^{58}\})$	10
6	$\mathcal{O}(0; \{3^8, 2^{54}\})$	86
6	$\mathcal{O}(0; \{3^{11}, 2^{50}\})$	682
6	$\mathcal{O}(0; \{3^{14}, 2^{46}\})$	5462
6	$\mathcal{O}(0; \{3^{17}, 2^{42}\})$	43690
6	$\mathcal{O}(0; \{3^{20}, 2^{38}\})$	349526
6	$\mathcal{O}(0; \{3^{23}, 2^{34}\})$	2796202
6	$\mathcal{O}(0; \{3^{26}, 2^{30}\})$	22369622
6	$\mathcal{O}(0; \{3^{29}, 2^{26}\})$	178956970
6	$\mathcal{O}(0; \{3^{32}, 2^{22}\})$	1431655766
6	$\mathcal{O}(0; \{3^{35}, 2^{18}\})$	11453246122
6	$\mathcal{O}(0; \{3^{38}, 2^{14}\})$	91625968982
6	$\mathcal{O}(0; \{3^{41}, 2^{10}\})$	733007751850
6	$\mathcal{O}(0; \{3^{44}, 2^6\})$	5864062014806
6	$\mathcal{O}(0; \{3^{47}, 2^2\})$	46912496118442
6	$\mathcal{O}(0; \{6, 3^3, 2^{59}\})$	6
6	$\mathcal{O}(0; \{6, 3^6, 2^{55}\})$	42
6	$\mathcal{O}(0; \{6, 3^9, 2^{51}\})$	342
6	$\mathcal{O}(0; \{6, 3^{12}, 2^{47}\})$	2730
6	$\mathcal{O}(0; \{6, 3^{15}, 2^{43}\})$	21846
6	$\mathcal{O}(0; \{6, 3^{18}, 2^{39}\})$	174762
6	$\mathcal{O}(0; \{6, 3^{21}, 2^{35}\})$	1398102
6	$\mathcal{O}(0; \{6, 3^{24}, 2^{31}\})$	11184810
6	$\mathcal{O}(0; \{6, 3^{27}, 2^{27}\})$	89478486
6	$\mathcal{O}(0; \{6, 3^{30}, 2^{23}\})$	715827882
6	$\mathcal{O}(0; \{6, 3^{33}, 2^{19}\})$	5726623062
6	$\mathcal{O}(0; \{6, 3^{36}, 2^{15}\})$	45812984490
6	$\mathcal{O}(0; \{6, 3^{39}, 2^{11}\})$	366503875926
6	$\mathcal{O}(0; \{6, 3^{42}, 2^7\})$	2932031007402
6	$\mathcal{O}(0; \{6, 3^{45}, 2^3\})$	23456248059222
6	$\mathcal{O}(0; \{6^2, 3, 2^{60}\})$	2
6	$\mathcal{O}(0; \{6^2, 3^4, 2^{56}\})$	22
6	$\mathcal{O}(0; \{6^2, 3^7, 2^{52}\})$	170
6	$\mathcal{O}(0; \{6^2, 3^{10}, 2^{48}\})$	1366
6	$\mathcal{O}(0; \{6^2, 3^{13}, 2^{44}\})$	10922
6	$\mathcal{O}(0; \{6^2, 3^{16}, 2^{40}\})$	87382
6	$\mathcal{O}(0; \{6^2, 3^{19}, 2^{36}\})$	699050
6	$\mathcal{O}(0; \{6^2, 3^{22}, 2^{32}\})$	5592406

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^2, 3^{25}, 2^{28}\})$	44739242
6	$\mathcal{O}(0; \{6^2, 3^{28}, 2^{24}\})$	357913942
6	$\mathcal{O}(0; \{6^2, 3^{31}, 2^{20}\})$	2863311530
6	$\mathcal{O}(0; \{6^2, 3^{34}, 2^{16}\})$	22906492246
6	$\mathcal{O}(0; \{6^2, 3^{37}, 2^{12}\})$	183251937962
6	$\mathcal{O}(0; \{6^2, 3^{40}, 2^8\})$	1466015503702
6	$\mathcal{O}(0; \{6^2, 3^{43}, 2^4\})$	11728124029610
6	$\mathcal{O}(0; \{6^2, 3^{46}\})$	93824992236886
6	$\mathcal{O}(0; \{6^3, 3^2, 2^{57}\})$	10
6	$\mathcal{O}(0; \{6^3, 3^5, 2^{53}\})$	86
6	$\mathcal{O}(0; \{6^3, 3^8, 2^{49}\})$	682
6	$\mathcal{O}(0; \{6^3, 3^{11}, 2^{45}\})$	5462
6	$\mathcal{O}(0; \{6^3, 3^{14}, 2^{41}\})$	43690
6	$\mathcal{O}(0; \{6^3, 3^{17}, 2^{37}\})$	349526
6	$\mathcal{O}(0; \{6^3, 3^{20}, 2^{33}\})$	2796202
6	$\mathcal{O}(0; \{6^3, 3^{23}, 2^{29}\})$	22369622
6	$\mathcal{O}(0; \{6^3, 3^{26}, 2^{25}\})$	178956970
6	$\mathcal{O}(0; \{6^3, 3^{29}, 2^{21}\})$	1431655766
6	$\mathcal{O}(0; \{6^3, 3^{32}, 2^{17}\})$	11453246122
6	$\mathcal{O}(0; \{6^3, 3^{35}, 2^{13}\})$	91625968982
6	$\mathcal{O}(0; \{6^3, 3^{38}, 2^9\})$	733007751850
6	$\mathcal{O}(0; \{6^3, 3^{41}, 2^5\})$	5864062014806
6	$\mathcal{O}(0; \{6^3, 3^{44}, 2\})$	46912496118442
6	$\mathcal{O}(0; \{6^4, 2^{58}\})$	6
6	$\mathcal{O}(0; \{6^4, 3^3, 2^{54}\})$	42
6	$\mathcal{O}(0; \{6^4, 3^6, 2^{50}\})$	342
6	$\mathcal{O}(0; \{6^4, 3^9, 2^{46}\})$	2730
6	$\mathcal{O}(0; \{6^4, 3^{12}, 2^{42}\})$	21846
6	$\mathcal{O}(0; \{6^4, 3^{15}, 2^{38}\})$	174762
6	$\mathcal{O}(0; \{6^4, 3^{18}, 2^{34}\})$	1398102
6	$\mathcal{O}(0; \{6^4, 3^{21}, 2^{30}\})$	11184810
6	$\mathcal{O}(0; \{6^4, 3^{24}, 2^{26}\})$	89478486
6	$\mathcal{O}(0; \{6^4, 3^{27}, 2^{22}\})$	715827882
6	$\mathcal{O}(0; \{6^4, 3^{30}, 2^{18}\})$	5726623062
6	$\mathcal{O}(0; \{6^4, 3^{33}, 2^{14}\})$	45812984490
6	$\mathcal{O}(0; \{6^4, 3^{36}, 2^{10}\})$	366503875926
6	$\mathcal{O}(0; \{6^4, 3^{39}, 2^6\})$	2932031007402
6	$\mathcal{O}(0; \{6^4, 3^{42}, 2^2\})$	23456248059222
6	$\mathcal{O}(0; \{6^5, 3, 2^{55}\})$	22
6	$\mathcal{O}(0; \{6^5, 3^4, 2^{51}\})$	170
6	$\mathcal{O}(0; \{6^5, 3^7, 2^{47}\})$	1366
6	$\mathcal{O}(0; \{6^5, 3^{10}, 2^{43}\})$	10922
6	$\mathcal{O}(0; \{6^5, 3^{13}, 2^{39}\})$	87382

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^5, 3^{16}, 2^{35}\})$	699050
6	$\mathcal{O}(0; \{6^5, 3^{19}, 2^{31}\})$	5592406
6	$\mathcal{O}(0; \{6^5, 3^{22}, 2^{27}\})$	44739242
6	$\mathcal{O}(0; \{6^5, 3^{25}, 2^{23}\})$	357913942
6	$\mathcal{O}(0; \{6^5, 3^{28}, 2^{19}\})$	2863311530
6	$\mathcal{O}(0; \{6^5, 3^{31}, 2^{15}\})$	22906492246
6	$\mathcal{O}(0; \{6^5, 3^{34}, 2^{11}\})$	183251937962
6	$\mathcal{O}(0; \{6^5, 3^{37}, 2^7\})$	1466015503702
6	$\mathcal{O}(0; \{6^5, 3^{40}, 2^3\})$	11728124029610
6	$\mathcal{O}(0; \{6^6, 3^2, 2^{52}\})$	86
6	$\mathcal{O}(0; \{6^6, 3^5, 2^{48}\})$	682
6	$\mathcal{O}(0; \{6^6, 3^8, 2^{44}\})$	5462
6	$\mathcal{O}(0; \{6^6, 3^{11}, 2^{40}\})$	43690
6	$\mathcal{O}(0; \{6^6, 3^{14}, 2^{36}\})$	349526
6	$\mathcal{O}(0; \{6^6, 3^{17}, 2^{32}\})$	2796202
6	$\mathcal{O}(0; \{6^6, 3^{20}, 2^{28}\})$	22369622
6	$\mathcal{O}(0; \{6^6, 3^{23}, 2^{24}\})$	178956970
6	$\mathcal{O}(0; \{6^6, 3^{26}, 2^{20}\})$	1431655766
6	$\mathcal{O}(0; \{6^6, 3^{29}, 2^{16}\})$	11453246122
6	$\mathcal{O}(0; \{6^6, 3^{32}, 2^{12}\})$	91625968982
6	$\mathcal{O}(0; \{6^6, 3^{35}, 2^8\})$	733007751850
6	$\mathcal{O}(0; \{6^6, 3^{38}, 2^4\})$	5864062014806
6	$\mathcal{O}(0; \{6^6, 3^{41}\})$	46912496118442
6	$\mathcal{O}(0; \{6^7, 2^{53}\})$	42
6	$\mathcal{O}(0; \{6^7, 3^3, 2^{49}\})$	342
6	$\mathcal{O}(0; \{6^7, 3^6, 2^{45}\})$	2730
6	$\mathcal{O}(0; \{6^7, 3^9, 2^{41}\})$	21846
6	$\mathcal{O}(0; \{6^7, 3^{12}, 2^{37}\})$	174762
6	$\mathcal{O}(0; \{6^7, 3^{15}, 2^{33}\})$	1398102
6	$\mathcal{O}(0; \{6^7, 3^{18}, 2^{29}\})$	11184810
6	$\mathcal{O}(0; \{6^7, 3^{21}, 2^{25}\})$	89478486
6	$\mathcal{O}(0; \{6^7, 3^{24}, 2^{21}\})$	715827882
6	$\mathcal{O}(0; \{6^7, 3^{27}, 2^{17}\})$	5726623062
6	$\mathcal{O}(0; \{6^7, 3^{30}, 2^{13}\})$	45812984490
6	$\mathcal{O}(0; \{6^7, 3^{33}, 2^9\})$	366503875926
6	$\mathcal{O}(0; \{6^7, 3^{36}, 2^5\})$	2932031007402
6	$\mathcal{O}(0; \{6^7, 3^{39}, 2\})$	23456248059222
6	$\mathcal{O}(0; \{6^8, 3, 2^{50}\})$	170
6	$\mathcal{O}(0; \{6^8, 3^4, 2^{46}\})$	1366
6	$\mathcal{O}(0; \{6^8, 3^7, 2^{42}\})$	10922
6	$\mathcal{O}(0; \{6^8, 3^{10}, 2^{38}\})$	87382
6	$\mathcal{O}(0; \{6^8, 3^{13}, 2^{34}\})$	699050
6	$\mathcal{O}(0; \{6^8, 3^{16}, 2^{30}\})$	5592406

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^8, 3^{19}, 2^{26}\})$	44739242
6	$\mathcal{O}(0; \{6^8, 3^{22}, 2^{22}\})$	357913942
6	$\mathcal{O}(0; \{6^8, 3^{25}, 2^{18}\})$	2863311530
6	$\mathcal{O}(0; \{6^8, 3^{28}, 2^{14}\})$	22906492246
6	$\mathcal{O}(0; \{6^8, 3^{31}, 2^{10}\})$	183251937962
6	$\mathcal{O}(0; \{6^8, 3^{34}, 2^6\})$	1466015503702
6	$\mathcal{O}(0; \{6^8, 3^{37}, 2^2\})$	11728124029610
6	$\mathcal{O}(0; \{6^9, 3^2, 2^{47}\})$	682
6	$\mathcal{O}(0; \{6^9, 3^5, 2^{43}\})$	5462
6	$\mathcal{O}(0; \{6^9, 3^8, 2^{39}\})$	43690
6	$\mathcal{O}(0; \{6^9, 3^{11}, 2^{35}\})$	349526
6	$\mathcal{O}(0; \{6^9, 3^{14}, 2^{31}\})$	2796202
6	$\mathcal{O}(0; \{6^9, 3^{17}, 2^{27}\})$	22369622
6	$\mathcal{O}(0; \{6^9, 3^{20}, 2^{23}\})$	178956970
6	$\mathcal{O}(0; \{6^9, 3^{23}, 2^{19}\})$	1431655766
6	$\mathcal{O}(0; \{6^9, 3^{26}, 2^{15}\})$	11453246122
6	$\mathcal{O}(0; \{6^9, 3^{29}, 2^{11}\})$	91625968982
6	$\mathcal{O}(0; \{6^9, 3^{32}, 2^7\})$	733007751850
6	$\mathcal{O}(0; \{6^9, 3^{35}, 2^3\})$	5864062014806
6	$\mathcal{O}(0; \{6^{10}, 2^{48}\})$	342
6	$\mathcal{O}(0; \{6^{10}, 3^3, 2^{44}\})$	2730
6	$\mathcal{O}(0; \{6^{10}, 3^6, 2^{40}\})$	21846
6	$\mathcal{O}(0; \{6^{10}, 3^9, 2^{36}\})$	174762
6	$\mathcal{O}(0; \{6^{10}, 3^{12}, 2^{32}\})$	1398102
6	$\mathcal{O}(0; \{6^{10}, 3^{15}, 2^{28}\})$	11184810
6	$\mathcal{O}(0; \{6^{10}, 3^{18}, 2^{24}\})$	89478486
6	$\mathcal{O}(0; \{6^{10}, 3^{21}, 2^{20}\})$	715827882
6	$\mathcal{O}(0; \{6^{10}, 3^{24}, 2^{16}\})$	5726623062
6	$\mathcal{O}(0; \{6^{10}, 3^{27}, 2^{12}\})$	45812984490
6	$\mathcal{O}(0; \{6^{10}, 3^{30}, 2^8\})$	366503875926
6	$\mathcal{O}(0; \{6^{10}, 3^{33}, 2^4\})$	2932031007402
6	$\mathcal{O}(0; \{6^{10}, 3^{36}\})$	23456248059222
6	$\mathcal{O}(0; \{6^{11}, 3, 2^{45}\})$	1366
6	$\mathcal{O}(0; \{6^{11}, 3^4, 2^{41}\})$	10922
6	$\mathcal{O}(0; \{6^{11}, 3^7, 2^{37}\})$	87382
6	$\mathcal{O}(0; \{6^{11}, 3^{10}, 2^{33}\})$	699050
6	$\mathcal{O}(0; \{6^{11}, 3^{13}, 2^{29}\})$	5592406
6	$\mathcal{O}(0; \{6^{11}, 3^{16}, 2^{25}\})$	44739242
6	$\mathcal{O}(0; \{6^{11}, 3^{19}, 2^{21}\})$	357913942
6	$\mathcal{O}(0; \{6^{11}, 3^{22}, 2^{17}\})$	2863311530
6	$\mathcal{O}(0; \{6^{11}, 3^{25}, 2^{13}\})$	22906492246
6	$\mathcal{O}(0; \{6^{11}, 3^{28}, 2^9\})$	183251937962
6	$\mathcal{O}(0; \{6^{11}, 3^{31}, 2^5\})$	1466015503702

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{11}, 3^{34}, 2\})$	11728124029610
6	$\mathcal{O}(0; \{6^{12}, 3^2, 2^{42}\})$	5462
6	$\mathcal{O}(0; \{6^{12}, 3^5, 2^{38}\})$	43690
6	$\mathcal{O}(0; \{6^{12}, 3^8, 2^{34}\})$	349526
6	$\mathcal{O}(0; \{6^{12}, 3^{11}, 2^{30}\})$	2796202
6	$\mathcal{O}(0; \{6^{12}, 3^{14}, 2^{26}\})$	22369622
6	$\mathcal{O}(0; \{6^{12}, 3^{17}, 2^{22}\})$	178956970
6	$\mathcal{O}(0; \{6^{12}, 3^{20}, 2^{18}\})$	1431655766
6	$\mathcal{O}(0; \{6^{12}, 3^{23}, 2^{14}\})$	11453246122
6	$\mathcal{O}(0; \{6^{12}, 3^{26}, 2^{10}\})$	91625968982
6	$\mathcal{O}(0; \{6^{12}, 3^{29}, 2^6\})$	733007751850
6	$\mathcal{O}(0; \{6^{12}, 3^{32}, 2^2\})$	5864062014806
6	$\mathcal{O}(0; \{6^{13}, 2^{43}\})$	2730
6	$\mathcal{O}(0; \{6^{13}, 3^3, 2^{39}\})$	21846
6	$\mathcal{O}(0; \{6^{13}, 3^6, 2^{35}\})$	174762
6	$\mathcal{O}(0; \{6^{13}, 3^9, 2^{31}\})$	1398102
6	$\mathcal{O}(0; \{6^{13}, 3^{12}, 2^{27}\})$	11184810
6	$\mathcal{O}(0; \{6^{13}, 3^{15}, 2^{23}\})$	89478486
6	$\mathcal{O}(0; \{6^{13}, 3^{18}, 2^{19}\})$	715827882
6	$\mathcal{O}(0; \{6^{13}, 3^{21}, 2^{15}\})$	5726623062
6	$\mathcal{O}(0; \{6^{13}, 3^{24}, 2^{11}\})$	45812984490
6	$\mathcal{O}(0; \{6^{13}, 3^{27}, 2^7\})$	366503875926
6	$\mathcal{O}(0; \{6^{13}, 3^{30}, 2^3\})$	2932031007402
6	$\mathcal{O}(0; \{6^{14}, 3, 2^{40}\})$	10922
6	$\mathcal{O}(0; \{6^{14}, 3^4, 2^{36}\})$	87382
6	$\mathcal{O}(0; \{6^{14}, 3^7, 2^{32}\})$	699050
6	$\mathcal{O}(0; \{6^{14}, 3^{10}, 2^{28}\})$	5592406
6	$\mathcal{O}(0; \{6^{14}, 3^{13}, 2^{24}\})$	44739242
6	$\mathcal{O}(0; \{6^{14}, 3^{16}, 2^{20}\})$	357913942
6	$\mathcal{O}(0; \{6^{14}, 3^{19}, 2^{16}\})$	2863311530
6	$\mathcal{O}(0; \{6^{14}, 3^{22}, 2^{12}\})$	22906492246
6	$\mathcal{O}(0; \{6^{14}, 3^{25}, 2^8\})$	183251937962
6	$\mathcal{O}(0; \{6^{14}, 3^{28}, 2^4\})$	1466015503702
6	$\mathcal{O}(0; \{6^{14}, 3^{31}\})$	11728124029610
6	$\mathcal{O}(0; \{6^{15}, 3^2, 2^{37}\})$	43690
6	$\mathcal{O}(0; \{6^{15}, 3^5, 2^{33}\})$	349526
6	$\mathcal{O}(0; \{6^{15}, 3^8, 2^{29}\})$	2796202
6	$\mathcal{O}(0; \{6^{15}, 3^{11}, 2^{25}\})$	22369622
6	$\mathcal{O}(0; \{6^{15}, 3^{14}, 2^{21}\})$	178956970
6	$\mathcal{O}(0; \{6^{15}, 3^{17}, 2^{17}\})$	1431655766
6	$\mathcal{O}(0; \{6^{15}, 3^{20}, 2^{13}\})$	11453246122
6	$\mathcal{O}(0; \{6^{15}, 3^{23}, 2^9\})$	91625968982
6	$\mathcal{O}(0; \{6^{15}, 3^{26}, 2^5\})$	733007751850

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{15}, 3^{29}, 2\})$	5864062014806
6	$\mathcal{O}(0; \{6^{16}, 2^{38}\})$	21846
6	$\mathcal{O}(0; \{6^{16}, 3^3, 2^{34}\})$	174762
6	$\mathcal{O}(0; \{6^{16}, 3^6, 2^{30}\})$	1398102
6	$\mathcal{O}(0; \{6^{16}, 3^9, 2^{26}\})$	11184810
6	$\mathcal{O}(0; \{6^{16}, 3^{12}, 2^{22}\})$	89478486
6	$\mathcal{O}(0; \{6^{16}, 3^{15}, 2^{18}\})$	715827882
6	$\mathcal{O}(0; \{6^{16}, 3^{18}, 2^{14}\})$	5726623062
6	$\mathcal{O}(0; \{6^{16}, 3^{21}, 2^{10}\})$	45812984490
6	$\mathcal{O}(0; \{6^{16}, 3^{24}, 2^6\})$	366503875926
6	$\mathcal{O}(0; \{6^{16}, 3^{27}, 2^2\})$	2932031007402
6	$\mathcal{O}(0; \{6^{17}, 3, 2^{35}\})$	87382
6	$\mathcal{O}(0; \{6^{17}, 3^4, 2^{31}\})$	699050
6	$\mathcal{O}(0; \{6^{17}, 3^7, 2^{27}\})$	5592406
6	$\mathcal{O}(0; \{6^{17}, 3^{10}, 2^{23}\})$	44739242
6	$\mathcal{O}(0; \{6^{17}, 3^{13}, 2^{19}\})$	357913942
6	$\mathcal{O}(0; \{6^{17}, 3^{16}, 2^{15}\})$	2863311530
6	$\mathcal{O}(0; \{6^{17}, 3^{19}, 2^{11}\})$	22906492246
6	$\mathcal{O}(0; \{6^{17}, 3^{22}, 2^7\})$	183251937962
6	$\mathcal{O}(0; \{6^{17}, 3^{25}, 2^3\})$	1466015503702
6	$\mathcal{O}(0; \{6^{18}, 3^2, 2^{32}\})$	349526
6	$\mathcal{O}(0; \{6^{18}, 3^5, 2^{28}\})$	2796202
6	$\mathcal{O}(0; \{6^{18}, 3^8, 2^{24}\})$	22369622
6	$\mathcal{O}(0; \{6^{18}, 3^{11}, 2^{20}\})$	178956970
6	$\mathcal{O}(0; \{6^{18}, 3^{14}, 2^{16}\})$	1431655766
6	$\mathcal{O}(0; \{6^{18}, 3^{17}, 2^{12}\})$	11453246122
6	$\mathcal{O}(0; \{6^{18}, 3^{20}, 2^8\})$	91625968982
6	$\mathcal{O}(0; \{6^{18}, 3^{23}, 2^4\})$	733007751850
6	$\mathcal{O}(0; \{6^{18}, 3^{26}\})$	5864062014806
6	$\mathcal{O}(0; \{6^{19}, 2^{33}\})$	174762
6	$\mathcal{O}(0; \{6^{19}, 3^3, 2^{29}\})$	1398102
6	$\mathcal{O}(0; \{6^{19}, 3^6, 2^{25}\})$	11184810
6	$\mathcal{O}(0; \{6^{19}, 3^9, 2^{21}\})$	89478486
6	$\mathcal{O}(0; \{6^{19}, 3^{12}, 2^{17}\})$	715827882
6	$\mathcal{O}(0; \{6^{19}, 3^{15}, 2^{13}\})$	5726623062
6	$\mathcal{O}(0; \{6^{19}, 3^{18}, 2^9\})$	45812984490
6	$\mathcal{O}(0; \{6^{19}, 3^{21}, 2^5\})$	366503875926
6	$\mathcal{O}(0; \{6^{19}, 3^{24}, 2\})$	2932031007402
6	$\mathcal{O}(0; \{6^{20}, 3, 2^{30}\})$	699050
6	$\mathcal{O}(0; \{6^{20}, 3^4, 2^{26}\})$	5592406
6	$\mathcal{O}(0; \{6^{20}, 3^7, 2^{22}\})$	44739242
6	$\mathcal{O}(0; \{6^{20}, 3^{10}, 2^{18}\})$	357913942
6	$\mathcal{O}(0; \{6^{20}, 3^{13}, 2^{14}\})$	2863311530

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{20}, 3^{16}, 2^{10}\})$	22906492246
6	$\mathcal{O}(0; \{6^{20}, 3^{19}, 2^6\})$	183251937962
6	$\mathcal{O}(0; \{6^{20}, 3^{22}, 2^2\})$	1466015503702
6	$\mathcal{O}(0; \{6^{21}, 3^2, 2^{27}\})$	2796202
6	$\mathcal{O}(0; \{6^{21}, 3^5, 2^{23}\})$	22369622
6	$\mathcal{O}(0; \{6^{21}, 3^8, 2^{19}\})$	178956970
6	$\mathcal{O}(0; \{6^{21}, 3^{11}, 2^{15}\})$	1431655766
6	$\mathcal{O}(0; \{6^{21}, 3^{14}, 2^{11}\})$	11453246122
6	$\mathcal{O}(0; \{6^{21}, 3^{17}, 2^7\})$	91625968982
6	$\mathcal{O}(0; \{6^{21}, 3^{20}, 2^3\})$	733007751850
6	$\mathcal{O}(0; \{6^{22}, 2^{28}\})$	1398102
6	$\mathcal{O}(0; \{6^{22}, 3^3, 2^{24}\})$	11184810
6	$\mathcal{O}(0; \{6^{22}, 3^6, 2^{20}\})$	89478486
6	$\mathcal{O}(0; \{6^{22}, 3^9, 2^{16}\})$	715827882
6	$\mathcal{O}(0; \{6^{22}, 3^{12}, 2^{12}\})$	5726623062
6	$\mathcal{O}(0; \{6^{22}, 3^{15}, 2^8\})$	45812984490
6	$\mathcal{O}(0; \{6^{22}, 3^{18}, 2^4\})$	366503875926
6	$\mathcal{O}(0; \{6^{22}, 3^{21}\})$	2932031007402
6	$\mathcal{O}(0; \{6^{23}, 3, 2^{25}\})$	5592406
6	$\mathcal{O}(0; \{6^{23}, 3^4, 2^{21}\})$	44739242
6	$\mathcal{O}(0; \{6^{23}, 3^7, 2^{17}\})$	357913942
6	$\mathcal{O}(0; \{6^{23}, 3^{10}, 2^{13}\})$	2863311530
6	$\mathcal{O}(0; \{6^{23}, 3^{13}, 2^9\})$	22906492246
6	$\mathcal{O}(0; \{6^{23}, 3^{16}, 2^5\})$	183251937962
6	$\mathcal{O}(0; \{6^{23}, 3^{19}, 2\})$	1466015503702
6	$\mathcal{O}(0; \{6^{24}, 3^2, 2^{22}\})$	22369622
6	$\mathcal{O}(0; \{6^{24}, 3^5, 2^{18}\})$	178956970
6	$\mathcal{O}(0; \{6^{24}, 3^8, 2^{14}\})$	1431655766
6	$\mathcal{O}(0; \{6^{24}, 3^{11}, 2^{10}\})$	11453246122
6	$\mathcal{O}(0; \{6^{24}, 3^{14}, 2^6\})$	91625968982
6	$\mathcal{O}(0; \{6^{24}, 3^{17}, 2^2\})$	733007751850
6	$\mathcal{O}(0; \{6^{25}, 2^{23}\})$	11184810
6	$\mathcal{O}(0; \{6^{25}, 3^3, 2^{19}\})$	89478486
6	$\mathcal{O}(0; \{6^{25}, 3^6, 2^{15}\})$	715827882
6	$\mathcal{O}(0; \{6^{25}, 3^9, 2^{11}\})$	5726623062
6	$\mathcal{O}(0; \{6^{25}, 3^{12}, 2^7\})$	45812984490
6	$\mathcal{O}(0; \{6^{25}, 3^{15}, 2^3\})$	366503875926
6	$\mathcal{O}(0; \{6^{26}, 3, 2^{20}\})$	44739242
6	$\mathcal{O}(0; \{6^{26}, 3^4, 2^{16}\})$	357913942
6	$\mathcal{O}(0; \{6^{26}, 3^7, 2^{12}\})$	2863311530
6	$\mathcal{O}(0; \{6^{26}, 3^{10}, 2^8\})$	22906492246
6	$\mathcal{O}(0; \{6^{26}, 3^{13}, 2^4\})$	183251937962
6	$\mathcal{O}(0; \{6^{26}, 3^{16}\})$	1466015503702

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{27}, 3^2, 2^{17}\})$	178956970
6	$\mathcal{O}(0; \{6^{27}, 3^5, 2^{13}\})$	1431655766
6	$\mathcal{O}(0; \{6^{27}, 3^8, 2^9\})$	11453246122
6	$\mathcal{O}(0; \{6^{27}, 3^{11}, 2^5\})$	91625968982
6	$\mathcal{O}(0; \{6^{27}, 3^{14}, 2\})$	733007751850
6	$\mathcal{O}(0; \{6^{28}, 2^{18}\})$	89478486
6	$\mathcal{O}(0; \{6^{28}, 3^3, 2^{14}\})$	715827882
6	$\mathcal{O}(0; \{6^{28}, 3^6, 2^{10}\})$	5726623062
6	$\mathcal{O}(0; \{6^{28}, 3^9, 2^6\})$	45812984490
6	$\mathcal{O}(0; \{6^{28}, 3^{12}, 2^2\})$	366503875926
6	$\mathcal{O}(0; \{6^{29}, 3, 2^{15}\})$	357913942
6	$\mathcal{O}(0; \{6^{29}, 3^4, 2^{11}\})$	2863311530
6	$\mathcal{O}(0; \{6^{29}, 3^7, 2^7\})$	22906492246
6	$\mathcal{O}(0; \{6^{29}, 3^{10}, 2^3\})$	183251937962
6	$\mathcal{O}(0; \{6^{30}, 3^2, 2^{12}\})$	1431655766
6	$\mathcal{O}(0; \{6^{30}, 3^5, 2^8\})$	11453246122
6	$\mathcal{O}(0; \{6^{30}, 3^8, 2^4\})$	91625968982
6	$\mathcal{O}(0; \{6^{30}, 3^{11}\})$	733007751850
6	$\mathcal{O}(0; \{6^{31}, 2^{13}\})$	715827882
6	$\mathcal{O}(0; \{6^{31}, 3^3, 2^9\})$	5726623062
6	$\mathcal{O}(0; \{6^{31}, 3^6, 2^5\})$	45812984490
6	$\mathcal{O}(0; \{6^{31}, 3^9, 2\})$	366503875926
6	$\mathcal{O}(0; \{6^{32}, 3, 2^{10}\})$	2863311530
6	$\mathcal{O}(0; \{6^{32}, 3^4, 2^6\})$	22906492246
6	$\mathcal{O}(0; \{6^{32}, 3^7, 2^2\})$	183251937962
6	$\mathcal{O}(0; \{6^{33}, 3^2, 2^7\})$	11453246122
6	$\mathcal{O}(0; \{6^{33}, 3^5, 2^3\})$	91625968982
6	$\mathcal{O}(0; \{6^{34}, 2^8\})$	5726623062
6	$\mathcal{O}(0; \{6^{34}, 3^3, 2^4\})$	45812984490
6	$\mathcal{O}(0; \{6^{34}, 3^6\})$	366503875926
6	$\mathcal{O}(0; \{6^{35}, 3, 2^5\})$	22906492246
6	$\mathcal{O}(0; \{6^{35}, 3^4, 2\})$	183251937962
6	$\mathcal{O}(0; \{6^{36}, 3^2, 2^2\})$	91625968982
6	$\mathcal{O}(0; \{6^{37}, 2^3\})$	45812984490
6	$\mathcal{O}(0; \{6^{38}, 3\})$	183251937962
7	$\mathcal{O}(14; \emptyset)$	459986536544739960976800
7	$\mathcal{O}(11; \{7^7\})$	156353743732833692079510
7	$\mathcal{O}(8; \{7^{14}\})$	372038689249512156666186
7	$\mathcal{O}(5; \{7^{21}\})$	885235084920206090404950
7	$\mathcal{O}(2; \{7^{28}\})$	2106343179561431715547146
8	$\mathcal{O}(11; \{8^2, 2^2\})$	295147905179352825856
8	$\mathcal{O}(10; \{8^2, 2^6\})$	4611686018427387904
8	$\mathcal{O}(10; \{8^2, 4^2, 2^3\})$	18446744073709551616

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(10; \{8^2, 4^4\})$	73786976294838206464
8	$\mathcal{O}(10; \{8^4, 4, 2\})$	147573952589676412928
8	$\mathcal{O}(9; \{8^2, 2^{10}\})$	72057594037927936
8	$\mathcal{O}(9; \{8^2, 4^2, 2^7\})$	288230376151711744
8	$\mathcal{O}(9; \{8^2, 4^4, 2^4\})$	1152921504606846976
8	$\mathcal{O}(9; \{8^2, 4^6, 2\})$	4611686018427387904
8	$\mathcal{O}(9; \{8^4, 4, 2^5\})$	2305843009213693952
8	$\mathcal{O}(9; \{8^4, 4^3, 2^2\})$	9223372036854775808
8	$\mathcal{O}(9; \{8^6, 2^3\})$	18446744073709551616
8	$\mathcal{O}(9; \{8^6, 4^2\})$	73786976294838206464
8	$\mathcal{O}(8; \{8^2, 2^{14}\})$	1125899906842624
8	$\mathcal{O}(8; \{8^2, 4^2, 2^{11}\})$	4503599627370496
8	$\mathcal{O}(8; \{8^2, 4^4, 2^8\})$	18014398509481984
8	$\mathcal{O}(8; \{8^2, 4^6, 2^5\})$	72057594037927936
8	$\mathcal{O}(8; \{8^2, 4^8, 2^2\})$	288230376151711744
8	$\mathcal{O}(8; \{8^4, 4, 2^9\})$	36028797018963968
8	$\mathcal{O}(8; \{8^4, 4^3, 2^6\})$	144115188075855872
8	$\mathcal{O}(8; \{8^4, 4^5, 2^3\})$	576460752303423488
8	$\mathcal{O}(8; \{8^4, 4^7\})$	2305843009213693952
8	$\mathcal{O}(8; \{8^6, 2^7\})$	288230376151711744
8	$\mathcal{O}(8; \{8^6, 4^2, 2^4\})$	1152921504606846976
8	$\mathcal{O}(8; \{8^6, 4^4, 2\})$	4611686018427387904
8	$\mathcal{O}(8; \{8^8, 4, 2^2\})$	9223372036854775808
8	$\mathcal{O}(8; \{8^{10}\})$	73786976294838206464
8	$\mathcal{O}(7; \{8^2, 2^{18}\})$	17592186044416
8	$\mathcal{O}(7; \{8^2, 4^2, 2^{15}\})$	70368744177664
8	$\mathcal{O}(7; \{8^2, 4^4, 2^{12}\})$	281474976710656
8	$\mathcal{O}(7; \{8^2, 4^6, 2^9\})$	1125899906842624
8	$\mathcal{O}(7; \{8^2, 4^8, 2^6\})$	4503599627370496
8	$\mathcal{O}(7; \{8^2, 4^{10}, 2^3\})$	18014398509481984
8	$\mathcal{O}(7; \{8^2, 4^{12}\})$	72057594037927936
8	$\mathcal{O}(7; \{8^4, 4, 2^{13}\})$	562949953421312
8	$\mathcal{O}(7; \{8^4, 4^3, 2^{10}\})$	2251799813685248
8	$\mathcal{O}(7; \{8^4, 4^5, 2^7\})$	9007199254740992
8	$\mathcal{O}(7; \{8^4, 4^7, 2^4\})$	36028797018963968
8	$\mathcal{O}(7; \{8^4, 4^9, 2\})$	144115188075855872
8	$\mathcal{O}(7; \{8^6, 2^{11}\})$	4503599627370496
8	$\mathcal{O}(7; \{8^6, 4^2, 2^8\})$	18014398509481984
8	$\mathcal{O}(7; \{8^6, 4^4, 2^5\})$	72057594037927936
8	$\mathcal{O}(7; \{8^6, 4^6, 2^2\})$	288230376151711744
8	$\mathcal{O}(7; \{8^8, 4, 2^6\})$	144115188075855872
8	$\mathcal{O}(7; \{8^8, 4^3, 2^3\})$	576460752303423488
8	$\mathcal{O}(7; \{8^8, 4^5\})$	2305843009213693952

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(7; \{8^{10}, 2^4\})$	1152921504606846976
8	$\mathcal{O}(7; \{8^{10}, 4^2, 2\})$	4611686018427387904
8	$\mathcal{O}(6; \{8^2, 2^{22}\})$	274877906944
8	$\mathcal{O}(6; \{8^2, 4^2, 2^{19}\})$	1099511627776
8	$\mathcal{O}(6; \{8^2, 4^4, 2^{16}\})$	4398046511104
8	$\mathcal{O}(6; \{8^2, 4^6, 2^{13}\})$	17592186044416
8	$\mathcal{O}(6; \{8^2, 4^8, 2^{10}\})$	70368744177664
8	$\mathcal{O}(6; \{8^2, 4^{10}, 2^7\})$	281474976710656
8	$\mathcal{O}(6; \{8^2, 4^{12}, 2^4\})$	1125899906842624
8	$\mathcal{O}(6; \{8^2, 4^{14}, 2\})$	4503599627370496
8	$\mathcal{O}(6; \{8^4, 4, 2^{17}\})$	8796093022208
8	$\mathcal{O}(6; \{8^4, 4^3, 2^{14}\})$	35184372088832
8	$\mathcal{O}(6; \{8^4, 4^5, 2^{11}\})$	140737488355328
8	$\mathcal{O}(6; \{8^4, 4^7, 2^8\})$	562949953421312
8	$\mathcal{O}(6; \{8^4, 4^9, 2^5\})$	2251799813685248
8	$\mathcal{O}(6; \{8^4, 4^{11}, 2^2\})$	9007199254740992
8	$\mathcal{O}(6; \{8^6, 2^{15}\})$	70368744177664
8	$\mathcal{O}(6; \{8^6, 4^2, 2^{12}\})$	281474976710656
8	$\mathcal{O}(6; \{8^6, 4^4, 2^9\})$	1125899906842624
8	$\mathcal{O}(6; \{8^6, 4^6, 2^6\})$	4503599627370496
8	$\mathcal{O}(6; \{8^6, 4^8, 2^3\})$	18014398509481984
8	$\mathcal{O}(6; \{8^6, 4^{10}\})$	72057594037927936
8	$\mathcal{O}(6; \{8^8, 4, 2^{10}\})$	2251799813685248
8	$\mathcal{O}(6; \{8^8, 4^3, 2^7\})$	9007199254740992
8	$\mathcal{O}(6; \{8^8, 4^5, 2^4\})$	36028797018963968
8	$\mathcal{O}(6; \{8^8, 4^7, 2\})$	144115188075855872
8	$\mathcal{O}(6; \{8^{10}, 2^8\})$	18014398509481984
8	$\mathcal{O}(6; \{8^{10}, 4^2, 2^5\})$	72057594037927936
8	$\mathcal{O}(6; \{8^{10}, 4^4, 2^2\})$	288230376151711744
8	$\mathcal{O}(6; \{8^{12}, 4, 2^3\})$	576460752303423488
8	$\mathcal{O}(6; \{8^{12}, 4^3\})$	2305843009213693952
8	$\mathcal{O}(6; \{8^{14}, 2\})$	4611686018427387904
8	$\mathcal{O}(5; \{8^2, 2^{26}\})$	4294967296
8	$\mathcal{O}(5; \{8^2, 4^2, 2^{23}\})$	17179869184
8	$\mathcal{O}(5; \{8^2, 4^4, 2^{20}\})$	68719476736
8	$\mathcal{O}(5; \{8^2, 4^6, 2^{17}\})$	274877906944
8	$\mathcal{O}(5; \{8^2, 4^8, 2^{14}\})$	1099511627776
8	$\mathcal{O}(5; \{8^2, 4^{10}, 2^{11}\})$	4398046511104
8	$\mathcal{O}(5; \{8^2, 4^{12}, 2^8\})$	17592186044416
8	$\mathcal{O}(5; \{8^2, 4^{14}, 2^5\})$	70368744177664
8	$\mathcal{O}(5; \{8^2, 4^{16}, 2^2\})$	281474976710656
8	$\mathcal{O}(5; \{8^4, 4, 2^{21}\})$	137438953472
8	$\mathcal{O}(5; \{8^4, 4^3, 2^{18}\})$	549755813888

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(5; \{8^4, 4^5, 2^{15}\})$	2199023255552
8	$\mathcal{O}(5; \{8^4, 4^7, 2^{12}\})$	8796093022208
8	$\mathcal{O}(5; \{8^4, 4^9, 2^9\})$	35184372088832
8	$\mathcal{O}(5; \{8^4, 4^{11}, 2^6\})$	140737488355328
8	$\mathcal{O}(5; \{8^4, 4^{13}, 2^3\})$	562949953421312
8	$\mathcal{O}(5; \{8^4, 4^{15}\})$	2251799813685248
8	$\mathcal{O}(5; \{8^6, 2^{19}\})$	1099511627776
8	$\mathcal{O}(5; \{8^6, 4^2, 2^{16}\})$	4398046511104
8	$\mathcal{O}(5; \{8^6, 4^4, 2^{13}\})$	17592186044416
8	$\mathcal{O}(5; \{8^6, 4^6, 2^{10}\})$	70368744177664
8	$\mathcal{O}(5; \{8^6, 4^8, 2^7\})$	281474976710656
8	$\mathcal{O}(5; \{8^6, 4^{10}, 2^4\})$	1125899906842624
8	$\mathcal{O}(5; \{8^6, 4^{12}, 2\})$	4503599627370496
8	$\mathcal{O}(5; \{8^8, 4, 2^{14}\})$	35184372088832
8	$\mathcal{O}(5; \{8^8, 4^3, 2^{11}\})$	140737488355328
8	$\mathcal{O}(5; \{8^8, 4^5, 2^8\})$	562949953421312
8	$\mathcal{O}(5; \{8^8, 4^7, 2^5\})$	2251799813685248
8	$\mathcal{O}(5; \{8^8, 4^9, 2^2\})$	9007199254740992
8	$\mathcal{O}(5; \{8^{10}, 2^{12}\})$	281474976710656
8	$\mathcal{O}(5; \{8^{10}, 4^2, 2^9\})$	1125899906842624
8	$\mathcal{O}(5; \{8^{10}, 4^4, 2^6\})$	4503599627370496
8	$\mathcal{O}(5; \{8^{10}, 4^6, 2^3\})$	18014398509481984
8	$\mathcal{O}(5; \{8^{10}, 4^8\})$	72057594037927936
8	$\mathcal{O}(5; \{8^{12}, 4, 2^7\})$	9007199254740992
8	$\mathcal{O}(5; \{8^{12}, 4^3, 2^4\})$	36028797018963968
8	$\mathcal{O}(5; \{8^{12}, 4^5, 2\})$	144115188075855872
8	$\mathcal{O}(5; \{8^{14}, 2^5\})$	72057594037927936
8	$\mathcal{O}(5; \{8^{14}, 4^2, 2^2\})$	288230376151711744
8	$\mathcal{O}(5; \{8^{16}, 4\})$	2305843009213693952
8	$\mathcal{O}(4; \{8^2, 2^{30}\})$	67108864
8	$\mathcal{O}(4; \{8^2, 4^2, 2^{27}\})$	268435456
8	$\mathcal{O}(4; \{8^2, 4^4, 2^{24}\})$	1073741824
8	$\mathcal{O}(4; \{8^2, 4^6, 2^{21}\})$	4294967296
8	$\mathcal{O}(4; \{8^2, 4^8, 2^{18}\})$	17179869184
8	$\mathcal{O}(4; \{8^2, 4^{10}, 2^{15}\})$	68719476736
8	$\mathcal{O}(4; \{8^2, 4^{12}, 2^{12}\})$	274877906944
8	$\mathcal{O}(4; \{8^2, 4^{14}, 2^9\})$	1099511627776
8	$\mathcal{O}(4; \{8^2, 4^{16}, 2^6\})$	4398046511104
8	$\mathcal{O}(4; \{8^2, 4^{18}, 2^3\})$	17592186044416
8	$\mathcal{O}(4; \{8^2, 4^{20}\})$	70368744177664
8	$\mathcal{O}(4; \{8^4, 4, 2^{25}\})$	2147483648
8	$\mathcal{O}(4; \{8^4, 4^3, 2^{22}\})$	8589934592
8	$\mathcal{O}(4; \{8^4, 4^5, 2^{19}\})$	34359738368

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(4; \{8^4, 4^7, 2^{16}\})$	137438953472
8	$\mathcal{O}(4; \{8^4, 4^9, 2^{13}\})$	549755813888
8	$\mathcal{O}(4; \{8^4, 4^{11}, 2^{10}\})$	2199023255552
8	$\mathcal{O}(4; \{8^4, 4^{13}, 2^7\})$	8796093022208
8	$\mathcal{O}(4; \{8^4, 4^{15}, 2^4\})$	35184372088832
8	$\mathcal{O}(4; \{8^4, 4^{17}, 2\})$	140737488355328
8	$\mathcal{O}(4; \{8^6, 2^{23}\})$	17179869184
8	$\mathcal{O}(4; \{8^6, 4^2, 2^{20}\})$	68719476736
8	$\mathcal{O}(4; \{8^6, 4^4, 2^{17}\})$	274877906944
8	$\mathcal{O}(4; \{8^6, 4^6, 2^{14}\})$	1099511627776
8	$\mathcal{O}(4; \{8^6, 4^8, 2^{11}\})$	4398046511104
8	$\mathcal{O}(4; \{8^6, 4^{10}, 2^8\})$	17592186044416
8	$\mathcal{O}(4; \{8^6, 4^{12}, 2^5\})$	70368744177664
8	$\mathcal{O}(4; \{8^6, 4^{14}, 2^2\})$	281474976710656
8	$\mathcal{O}(4; \{8^8, 4, 2^{18}\})$	549755813888
8	$\mathcal{O}(4; \{8^8, 4^3, 2^{15}\})$	2199023255552
8	$\mathcal{O}(4; \{8^8, 4^5, 2^{12}\})$	8796093022208
8	$\mathcal{O}(4; \{8^8, 4^7, 2^9\})$	35184372088832
8	$\mathcal{O}(4; \{8^8, 4^9, 2^6\})$	140737488355328
8	$\mathcal{O}(4; \{8^8, 4^{11}, 2^3\})$	562949953421312
8	$\mathcal{O}(4; \{8^8, 4^{13}\})$	2251799813685248
8	$\mathcal{O}(4; \{8^{10}, 2^{16}\})$	4398046511104
8	$\mathcal{O}(4; \{8^{10}, 4^2, 2^{13}\})$	17592186044416
8	$\mathcal{O}(4; \{8^{10}, 4^4, 2^{10}\})$	70368744177664
8	$\mathcal{O}(4; \{8^{10}, 4^6, 2^7\})$	281474976710656
8	$\mathcal{O}(4; \{8^{10}, 4^8, 2^4\})$	1125899906842624
8	$\mathcal{O}(4; \{8^{10}, 4^{10}, 2\})$	4503599627370496
8	$\mathcal{O}(4; \{8^{12}, 4, 2^{11}\})$	140737488355328
8	$\mathcal{O}(4; \{8^{12}, 4^3, 2^8\})$	562949953421312
8	$\mathcal{O}(4; \{8^{12}, 4^5, 2^5\})$	2251799813685248
8	$\mathcal{O}(4; \{8^{12}, 4^7, 2^2\})$	9007199254740992
8	$\mathcal{O}(4; \{8^{14}, 2^9\})$	1125899906842624
8	$\mathcal{O}(4; \{8^{14}, 4^2, 2^6\})$	4503599627370496
8	$\mathcal{O}(4; \{8^{14}, 4^4, 2^3\})$	18014398509481984
8	$\mathcal{O}(4; \{8^{14}, 4^6\})$	72057594037927936
8	$\mathcal{O}(4; \{8^{16}, 4, 2^4\})$	36028797018963968
8	$\mathcal{O}(4; \{8^{16}, 4^3, 2\})$	144115188075855872
8	$\mathcal{O}(4; \{8^{18}, 2^2\})$	288230376151711744
8	$\mathcal{O}(3; \{8^2, 2^{34}\})$	1048576
8	$\mathcal{O}(3; \{8^2, 4^2, 2^{31}\})$	4194304
8	$\mathcal{O}(3; \{8^2, 4^4, 2^{28}\})$	16777216
8	$\mathcal{O}(3; \{8^2, 4^6, 2^{25}\})$	67108864
8	$\mathcal{O}(3; \{8^2, 4^8, 2^{22}\})$	268435456

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(3; \{8^2, 4^{10}, 2^{19}\})$	1073741824
8	$\mathcal{O}(3; \{8^2, 4^{12}, 2^{16}\})$	4294967296
8	$\mathcal{O}(3; \{8^2, 4^{14}, 2^{13}\})$	17179869184
8	$\mathcal{O}(3; \{8^2, 4^{16}, 2^{10}\})$	68719476736
8	$\mathcal{O}(3; \{8^2, 4^{18}, 2^7\})$	274877906944
8	$\mathcal{O}(3; \{8^2, 4^{20}, 2^4\})$	1099511627776
8	$\mathcal{O}(3; \{8^2, 4^{22}, 2\})$	4398046511104
8	$\mathcal{O}(3; \{8^4, 4, 2^{29}\})$	33554432
8	$\mathcal{O}(3; \{8^4, 4^3, 2^{26}\})$	134217728
8	$\mathcal{O}(3; \{8^4, 4^5, 2^{23}\})$	536870912
8	$\mathcal{O}(3; \{8^4, 4^7, 2^{20}\})$	2147483648
8	$\mathcal{O}(3; \{8^4, 4^9, 2^{17}\})$	8589934592
8	$\mathcal{O}(3; \{8^4, 4^{11}, 2^{14}\})$	34359738368
8	$\mathcal{O}(3; \{8^4, 4^{13}, 2^{11}\})$	137438953472
8	$\mathcal{O}(3; \{8^4, 4^{15}, 2^8\})$	549755813888
8	$\mathcal{O}(3; \{8^4, 4^{17}, 2^5\})$	2199023255552
8	$\mathcal{O}(3; \{8^4, 4^{19}, 2^2\})$	8796093022208
8	$\mathcal{O}(3; \{8^6, 2^{27}\})$	268435456
8	$\mathcal{O}(3; \{8^6, 4^2, 2^{24}\})$	1073741824
8	$\mathcal{O}(3; \{8^6, 4^4, 2^{21}\})$	4294967296
8	$\mathcal{O}(3; \{8^6, 4^6, 2^{18}\})$	17179869184
8	$\mathcal{O}(3; \{8^6, 4^8, 2^{15}\})$	68719476736
8	$\mathcal{O}(3; \{8^6, 4^{10}, 2^{12}\})$	274877906944
8	$\mathcal{O}(3; \{8^6, 4^{12}, 2^9\})$	1099511627776
8	$\mathcal{O}(3; \{8^6, 4^{14}, 2^6\})$	4398046511104
8	$\mathcal{O}(3; \{8^6, 4^{16}, 2^3\})$	17592186044416
8	$\mathcal{O}(3; \{8^6, 4^{18}\})$	70368744177664
8	$\mathcal{O}(3; \{8^8, 4, 2^{22}\})$	8589934592
8	$\mathcal{O}(3; \{8^8, 4^3, 2^{19}\})$	34359738368
8	$\mathcal{O}(3; \{8^8, 4^5, 2^{16}\})$	137438953472
8	$\mathcal{O}(3; \{8^8, 4^7, 2^{13}\})$	549755813888
8	$\mathcal{O}(3; \{8^8, 4^9, 2^{10}\})$	2199023255552
8	$\mathcal{O}(3; \{8^8, 4^{11}, 2^7\})$	8796093022208
8	$\mathcal{O}(3; \{8^8, 4^{13}, 2^4\})$	35184372088832
8	$\mathcal{O}(3; \{8^8, 4^{15}, 2\})$	140737488355328
8	$\mathcal{O}(3; \{8^{10}, 2^{20}\})$	68719476736
8	$\mathcal{O}(3; \{8^{10}, 4^2, 2^{17}\})$	274877906944
8	$\mathcal{O}(3; \{8^{10}, 4^4, 2^{14}\})$	1099511627776
8	$\mathcal{O}(3; \{8^{10}, 4^6, 2^{11}\})$	4398046511104
8	$\mathcal{O}(3; \{8^{10}, 4^8, 2^8\})$	17592186044416
8	$\mathcal{O}(3; \{8^{10}, 4^{10}, 2^5\})$	70368744177664
8	$\mathcal{O}(3; \{8^{10}, 4^{12}, 2^2\})$	281474976710656
8	$\mathcal{O}(3; \{8^{12}, 4, 2^{15}\})$	2199023255552

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(3; \{8^{12}, 4^3, 2^{12}\})$	8796093022208
8	$\mathcal{O}(3; \{8^{12}, 4^5, 2^9\})$	35184372088832
8	$\mathcal{O}(3; \{8^{12}, 4^7, 2^6\})$	140737488355328
8	$\mathcal{O}(3; \{8^{12}, 4^9, 2^3\})$	562949953421312
8	$\mathcal{O}(3; \{8^{12}, 4^{11}\})$	2251799813685248
8	$\mathcal{O}(3; \{8^{14}, 2^{13}\})$	17592186044416
8	$\mathcal{O}(3; \{8^{14}, 4^2, 2^{10}\})$	70368744177664
8	$\mathcal{O}(3; \{8^{14}, 4^4, 2^7\})$	281474976710656
8	$\mathcal{O}(3; \{8^{14}, 4^6, 2^4\})$	1125899906842624
8	$\mathcal{O}(3; \{8^{14}, 4^8, 2\})$	4503599627370496
8	$\mathcal{O}(3; \{8^{16}, 4, 2^8\})$	562949953421312
8	$\mathcal{O}(3; \{8^{16}, 4^3, 2^5\})$	2251799813685248
8	$\mathcal{O}(3; \{8^{16}, 4^5, 2^2\})$	9007199254740992
8	$\mathcal{O}(3; \{8^{18}, 2^6\})$	4503599627370496
8	$\mathcal{O}(3; \{8^{18}, 4^2, 2^3\})$	18014398509481984
8	$\mathcal{O}(3; \{8^{18}, 4^4\})$	72057594037927936
8	$\mathcal{O}(3; \{8^{20}, 4, 2\})$	144115188075855872
8	$\mathcal{O}(2; \{8^2, 2^{38}\})$	16384
8	$\mathcal{O}(2; \{8^2, 4^2, 2^{35}\})$	65536
8	$\mathcal{O}(2; \{8^2, 4^4, 2^{32}\})$	262144
8	$\mathcal{O}(2; \{8^2, 4^6, 2^{29}\})$	1048576
8	$\mathcal{O}(2; \{8^2, 4^8, 2^{26}\})$	4194304
8	$\mathcal{O}(2; \{8^2, 4^{10}, 2^{23}\})$	16777216
8	$\mathcal{O}(2; \{8^2, 4^{12}, 2^{20}\})$	67108864
8	$\mathcal{O}(2; \{8^2, 4^{14}, 2^{17}\})$	268435456
8	$\mathcal{O}(2; \{8^2, 4^{16}, 2^{14}\})$	1073741824
8	$\mathcal{O}(2; \{8^2, 4^{18}, 2^{11}\})$	4294967296
8	$\mathcal{O}(2; \{8^2, 4^{20}, 2^8\})$	17179869184
8	$\mathcal{O}(2; \{8^2, 4^{22}, 2^5\})$	68719476736
8	$\mathcal{O}(2; \{8^2, 4^{24}, 2^2\})$	274877906944
8	$\mathcal{O}(2; \{8^4, 4, 2^{33}\})$	524288
8	$\mathcal{O}(2; \{8^4, 4^3, 2^{30}\})$	2097152
8	$\mathcal{O}(2; \{8^4, 4^5, 2^{27}\})$	8388608
8	$\mathcal{O}(2; \{8^4, 4^7, 2^{24}\})$	33554432
8	$\mathcal{O}(2; \{8^4, 4^9, 2^{21}\})$	134217728
8	$\mathcal{O}(2; \{8^4, 4^{11}, 2^{18}\})$	536870912
8	$\mathcal{O}(2; \{8^4, 4^{13}, 2^{15}\})$	2147483648
8	$\mathcal{O}(2; \{8^4, 4^{15}, 2^{12}\})$	8589934592
8	$\mathcal{O}(2; \{8^4, 4^{17}, 2^9\})$	34359738368
8	$\mathcal{O}(2; \{8^4, 4^{19}, 2^6\})$	137438953472
8	$\mathcal{O}(2; \{8^4, 4^{21}, 2^3\})$	549755813888
8	$\mathcal{O}(2; \{8^4, 4^{23}\})$	2199023255552
8	$\mathcal{O}(2; \{8^6, 2^{31}\})$	4194304

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{8^6, 4^2, 2^{28}\})$	16777216
8	$\mathcal{O}(2; \{8^6, 4^4, 2^{25}\})$	67108864
8	$\mathcal{O}(2; \{8^6, 4^6, 2^{22}\})$	268435456
8	$\mathcal{O}(2; \{8^6, 4^8, 2^{19}\})$	1073741824
8	$\mathcal{O}(2; \{8^6, 4^{10}, 2^{16}\})$	4294967296
8	$\mathcal{O}(2; \{8^6, 4^{12}, 2^{13}\})$	17179869184
8	$\mathcal{O}(2; \{8^6, 4^{14}, 2^{10}\})$	68719476736
8	$\mathcal{O}(2; \{8^6, 4^{16}, 2^7\})$	274877906944
8	$\mathcal{O}(2; \{8^6, 4^{18}, 2^4\})$	1099511627776
8	$\mathcal{O}(2; \{8^6, 4^{20}, 2\})$	4398046511104
8	$\mathcal{O}(2; \{8^8, 4, 2^{26}\})$	134217728
8	$\mathcal{O}(2; \{8^8, 4^3, 2^{23}\})$	536870912
8	$\mathcal{O}(2; \{8^8, 4^5, 2^{20}\})$	2147483648
8	$\mathcal{O}(2; \{8^8, 4^7, 2^{17}\})$	8589934592
8	$\mathcal{O}(2; \{8^8, 4^9, 2^{14}\})$	34359738368
8	$\mathcal{O}(2; \{8^8, 4^{11}, 2^{11}\})$	137438953472
8	$\mathcal{O}(2; \{8^8, 4^{13}, 2^8\})$	549755813888
8	$\mathcal{O}(2; \{8^8, 4^{15}, 2^5\})$	2199023255552
8	$\mathcal{O}(2; \{8^8, 4^{17}, 2^2\})$	8796093022208
8	$\mathcal{O}(2; \{8^{10}, 2^{24}\})$	1073741824
8	$\mathcal{O}(2; \{8^{10}, 4^2, 2^{21}\})$	4294967296
8	$\mathcal{O}(2; \{8^{10}, 4^4, 2^{18}\})$	17179869184
8	$\mathcal{O}(2; \{8^{10}, 4^6, 2^{15}\})$	68719476736
8	$\mathcal{O}(2; \{8^{10}, 4^8, 2^{12}\})$	274877906944
8	$\mathcal{O}(2; \{8^{10}, 4^{10}, 2^9\})$	1099511627776
8	$\mathcal{O}(2; \{8^{10}, 4^{12}, 2^6\})$	4398046511104
8	$\mathcal{O}(2; \{8^{10}, 4^{14}, 2^3\})$	17592186044416
8	$\mathcal{O}(2; \{8^{10}, 4^{16}\})$	70368744177664
8	$\mathcal{O}(2; \{8^{12}, 4, 2^{19}\})$	34359738368
8	$\mathcal{O}(2; \{8^{12}, 4^3, 2^{16}\})$	137438953472
8	$\mathcal{O}(2; \{8^{12}, 4^5, 2^{13}\})$	549755813888
8	$\mathcal{O}(2; \{8^{12}, 4^7, 2^{10}\})$	2199023255552
8	$\mathcal{O}(2; \{8^{12}, 4^9, 2^7\})$	8796093022208
8	$\mathcal{O}(2; \{8^{12}, 4^{11}, 2^4\})$	35184372088832
8	$\mathcal{O}(2; \{8^{12}, 4^{13}, 2\})$	140737488355328
8	$\mathcal{O}(2; \{8^{14}, 2^{17}\})$	274877906944
8	$\mathcal{O}(2; \{8^{14}, 4^2, 2^{14}\})$	1099511627776
8	$\mathcal{O}(2; \{8^{14}, 4^4, 2^{11}\})$	4398046511104
8	$\mathcal{O}(2; \{8^{14}, 4^6, 2^8\})$	17592186044416
8	$\mathcal{O}(2; \{8^{14}, 4^8, 2^5\})$	70368744177664
8	$\mathcal{O}(2; \{8^{14}, 4^{10}, 2^2\})$	281474976710656
8	$\mathcal{O}(2; \{8^{16}, 4, 2^{12}\})$	8796093022208
8	$\mathcal{O}(2; \{8^{16}, 4^3, 2^9\})$	35184372088832

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{8^{16}, 4^5, 2^6\})$	140737488355328
8	$\mathcal{O}(2; \{8^{16}, 4^7, 2^3\})$	562949953421312
8	$\mathcal{O}(2; \{8^{16}, 4^9\})$	2251799813685248
8	$\mathcal{O}(2; \{8^{18}, 2^{10}\})$	70368744177664
8	$\mathcal{O}(2; \{8^{18}, 4^2, 2^7\})$	281474976710656
8	$\mathcal{O}(2; \{8^{18}, 4^4, 2^4\})$	1125899906842624
8	$\mathcal{O}(2; \{8^{18}, 4^6, 2\})$	4503599627370496
8	$\mathcal{O}(2; \{8^{20}, 4, 2^5\})$	2251799813685248
8	$\mathcal{O}(2; \{8^{20}, 4^3, 2^2\})$	9007199254740992
8	$\mathcal{O}(2; \{8^{22}, 2^3\})$	18014398509481984
8	$\mathcal{O}(2; \{8^{22}, 4^2\})$	72057594037927936
8	$\mathcal{O}(1; \{8^2, 2^{42}\})$	256
8	$\mathcal{O}(1; \{8^2, 4^2, 2^{39}\})$	1024
8	$\mathcal{O}(1; \{8^2, 4^4, 2^{36}\})$	4096
8	$\mathcal{O}(1; \{8^2, 4^6, 2^{33}\})$	16384
8	$\mathcal{O}(1; \{8^2, 4^8, 2^{30}\})$	65536
8	$\mathcal{O}(1; \{8^2, 4^{10}, 2^{27}\})$	262144
8	$\mathcal{O}(1; \{8^2, 4^{12}, 2^{24}\})$	1048576
8	$\mathcal{O}(1; \{8^2, 4^{14}, 2^{21}\})$	4194304
8	$\mathcal{O}(1; \{8^2, 4^{16}, 2^{18}\})$	16777216
8	$\mathcal{O}(1; \{8^2, 4^{18}, 2^{15}\})$	67108864
8	$\mathcal{O}(1; \{8^2, 4^{20}, 2^{12}\})$	268435456
8	$\mathcal{O}(1; \{8^2, 4^{22}, 2^9\})$	1073741824
8	$\mathcal{O}(1; \{8^2, 4^{24}, 2^6\})$	4294967296
8	$\mathcal{O}(1; \{8^2, 4^{26}, 2^3\})$	17179869184
8	$\mathcal{O}(1; \{8^2, 4^{28}\})$	68719476736
8	$\mathcal{O}(1; \{8^4, 4, 2^{37}\})$	8192
8	$\mathcal{O}(1; \{8^4, 4^3, 2^{34}\})$	32768
8	$\mathcal{O}(1; \{8^4, 4^5, 2^{31}\})$	131072
8	$\mathcal{O}(1; \{8^4, 4^7, 2^{28}\})$	524288
8	$\mathcal{O}(1; \{8^4, 4^9, 2^{25}\})$	2097152
8	$\mathcal{O}(1; \{8^4, 4^{11}, 2^{22}\})$	8388608
8	$\mathcal{O}(1; \{8^4, 4^{13}, 2^{19}\})$	33554432
8	$\mathcal{O}(1; \{8^4, 4^{15}, 2^{16}\})$	134217728
8	$\mathcal{O}(1; \{8^4, 4^{17}, 2^{13}\})$	536870912
8	$\mathcal{O}(1; \{8^4, 4^{19}, 2^{10}\})$	2147483648
8	$\mathcal{O}(1; \{8^4, 4^{21}, 2^7\})$	8589934592
8	$\mathcal{O}(1; \{8^4, 4^{23}, 2^4\})$	34359738368
8	$\mathcal{O}(1; \{8^4, 4^{25}, 2\})$	137438953472
8	$\mathcal{O}(1; \{8^6, 2^{35}\})$	65536
8	$\mathcal{O}(1; \{8^6, 4^2, 2^{32}\})$	262144
8	$\mathcal{O}(1; \{8^6, 4^4, 2^{29}\})$	1048576
8	$\mathcal{O}(1; \{8^6, 4^6, 2^{26}\})$	4194304

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{8^6, 4^8, 2^{23}\})$	16777216
8	$\mathcal{O}(1; \{8^6, 4^{10}, 2^{20}\})$	67108864
8	$\mathcal{O}(1; \{8^6, 4^{12}, 2^{17}\})$	268435456
8	$\mathcal{O}(1; \{8^6, 4^{14}, 2^{14}\})$	1073741824
8	$\mathcal{O}(1; \{8^6, 4^{16}, 2^{11}\})$	4294967296
8	$\mathcal{O}(1; \{8^6, 4^{18}, 2^8\})$	17179869184
8	$\mathcal{O}(1; \{8^6, 4^{20}, 2^5\})$	68719476736
8	$\mathcal{O}(1; \{8^6, 4^{22}, 2^2\})$	274877906944
8	$\mathcal{O}(1; \{8^8, 4, 2^{30}\})$	2097152
8	$\mathcal{O}(1; \{8^8, 4^3, 2^{27}\})$	8388608
8	$\mathcal{O}(1; \{8^8, 4^5, 2^{24}\})$	33554432
8	$\mathcal{O}(1; \{8^8, 4^7, 2^{21}\})$	134217728
8	$\mathcal{O}(1; \{8^8, 4^9, 2^{18}\})$	536870912
8	$\mathcal{O}(1; \{8^8, 4^{11}, 2^{15}\})$	2147483648
8	$\mathcal{O}(1; \{8^8, 4^{13}, 2^{12}\})$	8589934592
8	$\mathcal{O}(1; \{8^8, 4^{15}, 2^9\})$	34359738368
8	$\mathcal{O}(1; \{8^8, 4^{17}, 2^6\})$	137438953472
8	$\mathcal{O}(1; \{8^8, 4^{19}, 2^3\})$	549755813888
8	$\mathcal{O}(1; \{8^8, 4^{21}\})$	2199023255552
8	$\mathcal{O}(1; \{8^{10}, 2^{28}\})$	16777216
8	$\mathcal{O}(1; \{8^{10}, 4^2, 2^{25}\})$	67108864
8	$\mathcal{O}(1; \{8^{10}, 4^4, 2^{22}\})$	268435456
8	$\mathcal{O}(1; \{8^{10}, 4^6, 2^{19}\})$	1073741824
8	$\mathcal{O}(1; \{8^{10}, 4^8, 2^{16}\})$	4294967296
8	$\mathcal{O}(1; \{8^{10}, 4^{10}, 2^{13}\})$	17179869184
8	$\mathcal{O}(1; \{8^{10}, 4^{12}, 2^{10}\})$	68719476736
8	$\mathcal{O}(1; \{8^{10}, 4^{14}, 2^7\})$	274877906944
8	$\mathcal{O}(1; \{8^{10}, 4^{16}, 2^4\})$	1099511627776
8	$\mathcal{O}(1; \{8^{10}, 4^{18}, 2\})$	4398046511104
8	$\mathcal{O}(1; \{8^{12}, 4, 2^{23}\})$	536870912
8	$\mathcal{O}(1; \{8^{12}, 4^3, 2^{20}\})$	2147483648
8	$\mathcal{O}(1; \{8^{12}, 4^5, 2^{17}\})$	8589934592
8	$\mathcal{O}(1; \{8^{12}, 4^7, 2^{14}\})$	34359738368
8	$\mathcal{O}(1; \{8^{12}, 4^9, 2^{11}\})$	137438953472
8	$\mathcal{O}(1; \{8^{12}, 4^{11}, 2^8\})$	549755813888
8	$\mathcal{O}(1; \{8^{12}, 4^{13}, 2^5\})$	2199023255552
8	$\mathcal{O}(1; \{8^{12}, 4^{15}, 2^2\})$	8796093022208
8	$\mathcal{O}(1; \{8^{14}, 2^{21}\})$	4294967296
8	$\mathcal{O}(1; \{8^{14}, 4^2, 2^{18}\})$	17179869184
8	$\mathcal{O}(1; \{8^{14}, 4^4, 2^{15}\})$	68719476736
8	$\mathcal{O}(1; \{8^{14}, 4^6, 2^{12}\})$	274877906944
8	$\mathcal{O}(1; \{8^{14}, 4^8, 2^9\})$	1099511627776
8	$\mathcal{O}(1; \{8^{14}, 4^{10}, 2^6\})$	4398046511104

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{8^{14}, 4^{12}, 2^3\})$	17592186044416
8	$\mathcal{O}(1; \{8^{14}, 4^{14}\})$	70368744177664
8	$\mathcal{O}(1; \{8^{16}, 4, 2^{16}\})$	137438953472
8	$\mathcal{O}(1; \{8^{16}, 4^3, 2^{13}\})$	549755813888
8	$\mathcal{O}(1; \{8^{16}, 4^5, 2^{10}\})$	2199023255552
8	$\mathcal{O}(1; \{8^{16}, 4^7, 2^7\})$	8796093022208
8	$\mathcal{O}(1; \{8^{16}, 4^9, 2^4\})$	35184372088832
8	$\mathcal{O}(1; \{8^{16}, 4^{11}, 2\})$	140737488355328
8	$\mathcal{O}(1; \{8^{18}, 2^{14}\})$	1099511627776
8	$\mathcal{O}(1; \{8^{18}, 4^2, 2^{11}\})$	4398046511104
8	$\mathcal{O}(1; \{8^{18}, 4^4, 2^8\})$	17592186044416
8	$\mathcal{O}(1; \{8^{18}, 4^6, 2^5\})$	70368744177664
8	$\mathcal{O}(1; \{8^{18}, 4^8, 2^2\})$	281474976710656
8	$\mathcal{O}(1; \{8^{20}, 4, 2^9\})$	35184372088832
8	$\mathcal{O}(1; \{8^{20}, 4^3, 2^6\})$	140737488355328
8	$\mathcal{O}(1; \{8^{20}, 4^5, 2^3\})$	562949953421312
8	$\mathcal{O}(1; \{8^{20}, 4^7\})$	2251799813685248
8	$\mathcal{O}(1; \{8^{22}, 2^7\})$	281474976710656
8	$\mathcal{O}(1; \{8^{22}, 4^2, 2^4\})$	112589906842624
8	$\mathcal{O}(1; \{8^{22}, 4^4, 2\})$	4503599627370496
8	$\mathcal{O}(1; \{8^{24}, 4, 2^2\})$	9007199254740992
8	$\mathcal{O}(1; \{8^{26}\})$	72057594037927936
8	$\mathcal{O}(0; \{8^2, 2^{46}\})$	4
8	$\mathcal{O}(0; \{8^2, 4^2, 2^{43}\})$	16
8	$\mathcal{O}(0; \{8^2, 4^4, 2^{40}\})$	64
8	$\mathcal{O}(0; \{8^2, 4^6, 2^{37}\})$	256
8	$\mathcal{O}(0; \{8^2, 4^8, 2^{34}\})$	1024
8	$\mathcal{O}(0; \{8^2, 4^{10}, 2^{31}\})$	4096
8	$\mathcal{O}(0; \{8^2, 4^{12}, 2^{28}\})$	16384
8	$\mathcal{O}(0; \{8^2, 4^{14}, 2^{25}\})$	65536
8	$\mathcal{O}(0; \{8^2, 4^{16}, 2^{22}\})$	262144
8	$\mathcal{O}(0; \{8^2, 4^{18}, 2^{19}\})$	1048576
8	$\mathcal{O}(0; \{8^2, 4^{20}, 2^{16}\})$	4194304
8	$\mathcal{O}(0; \{8^2, 4^{22}, 2^{13}\})$	16777216
8	$\mathcal{O}(0; \{8^2, 4^{24}, 2^{10}\})$	67108864
8	$\mathcal{O}(0; \{8^2, 4^{26}, 2^7\})$	268435456
8	$\mathcal{O}(0; \{8^2, 4^{28}, 2^4\})$	1073741824
8	$\mathcal{O}(0; \{8^2, 4^{30}, 2\})$	4294967296
8	$\mathcal{O}(0; \{8^4, 4, 2^{41}\})$	128
8	$\mathcal{O}(0; \{8^4, 4^3, 2^{38}\})$	512
8	$\mathcal{O}(0; \{8^4, 4^5, 2^{35}\})$	2048
8	$\mathcal{O}(0; \{8^4, 4^7, 2^{32}\})$	8192
8	$\mathcal{O}(0; \{8^4, 4^9, 2^{29}\})$	32768

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{8^4, 4^{11}, 2^{26}\})$	131072
8	$\mathcal{O}(0; \{8^4, 4^{13}, 2^{23}\})$	524288
8	$\mathcal{O}(0; \{8^4, 4^{15}, 2^{20}\})$	2097152
8	$\mathcal{O}(0; \{8^4, 4^{17}, 2^{17}\})$	8388608
8	$\mathcal{O}(0; \{8^4, 4^{19}, 2^{14}\})$	33554432
8	$\mathcal{O}(0; \{8^4, 4^{21}, 2^{11}\})$	134217728
8	$\mathcal{O}(0; \{8^4, 4^{23}, 2^8\})$	536870912
8	$\mathcal{O}(0; \{8^4, 4^{25}, 2^5\})$	2147483648
8	$\mathcal{O}(0; \{8^4, 4^{27}, 2^2\})$	8589934592
8	$\mathcal{O}(0; \{8^6, 2^{39}\})$	1024
8	$\mathcal{O}(0; \{8^6, 4^2, 2^{36}\})$	4096
8	$\mathcal{O}(0; \{8^6, 4^4, 2^{33}\})$	16384
8	$\mathcal{O}(0; \{8^6, 4^6, 2^{30}\})$	65536
8	$\mathcal{O}(0; \{8^6, 4^8, 2^{27}\})$	262144
8	$\mathcal{O}(0; \{8^6, 4^{10}, 2^{24}\})$	1048576
8	$\mathcal{O}(0; \{8^6, 4^{12}, 2^{21}\})$	4194304
8	$\mathcal{O}(0; \{8^6, 4^{14}, 2^{18}\})$	16777216
8	$\mathcal{O}(0; \{8^6, 4^{16}, 2^{15}\})$	67108864
8	$\mathcal{O}(0; \{8^6, 4^{18}, 2^{12}\})$	268435456
8	$\mathcal{O}(0; \{8^6, 4^{20}, 2^9\})$	1073741824
8	$\mathcal{O}(0; \{8^6, 4^{22}, 2^6\})$	4294967296
8	$\mathcal{O}(0; \{8^6, 4^{24}, 2^3\})$	17179869184
8	$\mathcal{O}(0; \{8^6, 4^{26}\})$	68719476736
8	$\mathcal{O}(0; \{8^8, 4, 2^{34}\})$	32768
8	$\mathcal{O}(0; \{8^8, 4^3, 2^{31}\})$	131072
8	$\mathcal{O}(0; \{8^8, 4^5, 2^{28}\})$	524288
8	$\mathcal{O}(0; \{8^8, 4^7, 2^{25}\})$	2097152
8	$\mathcal{O}(0; \{8^8, 4^9, 2^{22}\})$	8388608
8	$\mathcal{O}(0; \{8^8, 4^{11}, 2^{19}\})$	33554432
8	$\mathcal{O}(0; \{8^8, 4^{13}, 2^{16}\})$	134217728
8	$\mathcal{O}(0; \{8^8, 4^{15}, 2^{13}\})$	536870912
8	$\mathcal{O}(0; \{8^8, 4^{17}, 2^{10}\})$	2147483648
8	$\mathcal{O}(0; \{8^8, 4^{19}, 2^7\})$	8589934592
8	$\mathcal{O}(0; \{8^8, 4^{21}, 2^4\})$	34359738368
8	$\mathcal{O}(0; \{8^8, 4^{23}, 2\})$	137438953472
8	$\mathcal{O}(0; \{8^{10}, 2^{32}\})$	262144
8	$\mathcal{O}(0; \{8^{10}, 4^2, 2^{29}\})$	1048576
8	$\mathcal{O}(0; \{8^{10}, 4^4, 2^{26}\})$	4194304
8	$\mathcal{O}(0; \{8^{10}, 4^6, 2^{23}\})$	16777216
8	$\mathcal{O}(0; \{8^{10}, 4^8, 2^{20}\})$	67108864
8	$\mathcal{O}(0; \{8^{10}, 4^{10}, 2^{17}\})$	268435456
8	$\mathcal{O}(0; \{8^{10}, 4^{12}, 2^{14}\})$	1073741824
8	$\mathcal{O}(0; \{8^{10}, 4^{14}, 2^{11}\})$	4294967296

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{8^{10}, 4^{16}, 2^8\})$	17179869184
8	$\mathcal{O}(0; \{8^{10}, 4^{18}, 2^5\})$	68719476736
8	$\mathcal{O}(0; \{8^{10}, 4^{20}, 2^2\})$	274877906944
8	$\mathcal{O}(0; \{8^{12}, 4, 2^{27}\})$	8388608
8	$\mathcal{O}(0; \{8^{12}, 4^3, 2^{24}\})$	33554432
8	$\mathcal{O}(0; \{8^{12}, 4^5, 2^{21}\})$	134217728
8	$\mathcal{O}(0; \{8^{12}, 4^7, 2^{18}\})$	536870912
8	$\mathcal{O}(0; \{8^{12}, 4^9, 2^{15}\})$	2147483648
8	$\mathcal{O}(0; \{8^{12}, 4^{11}, 2^{12}\})$	8589934592
8	$\mathcal{O}(0; \{8^{12}, 4^{13}, 2^9\})$	34359738368
8	$\mathcal{O}(0; \{8^{12}, 4^{15}, 2^6\})$	137438953472
8	$\mathcal{O}(0; \{8^{12}, 4^{17}, 2^3\})$	549755813888
8	$\mathcal{O}(0; \{8^{12}, 4^{19}\})$	2199023255552
8	$\mathcal{O}(0; \{8^{14}, 2^{25}\})$	67108864
8	$\mathcal{O}(0; \{8^{14}, 4^2, 2^{22}\})$	268435456
8	$\mathcal{O}(0; \{8^{14}, 4^4, 2^{19}\})$	1073741824
8	$\mathcal{O}(0; \{8^{14}, 4^6, 2^{16}\})$	4294967296
8	$\mathcal{O}(0; \{8^{14}, 4^8, 2^{13}\})$	17179869184
8	$\mathcal{O}(0; \{8^{14}, 4^{10}, 2^{10}\})$	68719476736
8	$\mathcal{O}(0; \{8^{14}, 4^{12}, 2^7\})$	274877906944
8	$\mathcal{O}(0; \{8^{14}, 4^{14}, 2^4\})$	1099511627776
8	$\mathcal{O}(0; \{8^{14}, 4^{16}, 2\})$	4398046511104
8	$\mathcal{O}(0; \{8^{16}, 4, 2^{20}\})$	2147483648
8	$\mathcal{O}(0; \{8^{16}, 4^3, 2^{17}\})$	8589934592
8	$\mathcal{O}(0; \{8^{16}, 4^5, 2^{14}\})$	34359738368
8	$\mathcal{O}(0; \{8^{16}, 4^7, 2^{11}\})$	137438953472
8	$\mathcal{O}(0; \{8^{16}, 4^9, 2^8\})$	549755813888
8	$\mathcal{O}(0; \{8^{16}, 4^{11}, 2^5\})$	2199023255552
8	$\mathcal{O}(0; \{8^{16}, 4^{13}, 2^2\})$	8796093022208
8	$\mathcal{O}(0; \{8^{18}, 2^{18}\})$	17179869184
8	$\mathcal{O}(0; \{8^{18}, 4^2, 2^{15}\})$	68719476736
8	$\mathcal{O}(0; \{8^{18}, 4^4, 2^{12}\})$	274877906944
8	$\mathcal{O}(0; \{8^{18}, 4^6, 2^9\})$	1099511627776
8	$\mathcal{O}(0; \{8^{18}, 4^8, 2^6\})$	4398046511104
8	$\mathcal{O}(0; \{8^{18}, 4^{10}, 2^3\})$	17592186044416
8	$\mathcal{O}(0; \{8^{18}, 4^{12}\})$	70368744177664
8	$\mathcal{O}(0; \{8^{20}, 4, 2^{13}\})$	549755813888
8	$\mathcal{O}(0; \{8^{20}, 4^3, 2^{10}\})$	2199023255552
8	$\mathcal{O}(0; \{8^{20}, 4^5, 2^7\})$	8796093022208
8	$\mathcal{O}(0; \{8^{20}, 4^7, 2^4\})$	35184372088832
8	$\mathcal{O}(0; \{8^{20}, 4^9, 2\})$	140737488355328
8	$\mathcal{O}(0; \{8^{22}, 2^{11}\})$	4398046511104
8	$\mathcal{O}(0; \{8^{22}, 4^2, 2^8\})$	17592186044416

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{8^{22}, 4^4, 2^5\})$	70368744177664
8	$\mathcal{O}(0; \{8^{22}, 4^6, 2^2\})$	281474976710656
8	$\mathcal{O}(0; \{8^{24}, 4, 2^6\})$	140737488355328
8	$\mathcal{O}(0; \{8^{24}, 4^3, 2^3\})$	562949953421312
8	$\mathcal{O}(0; \{8^{24}, 4^5\})$	2251799813685248
8	$\mathcal{O}(0; \{8^{26}, 2^4\})$	1125899906842624
8	$\mathcal{O}(0; \{8^{26}, 4^2, 2\})$	4503599627370496
9	$\mathcal{O}(9; \{9^4, 3\})$	48630661836227715204
9	$\mathcal{O}(8; \{9^4, 3^4\})$	4803028329503971872
9	$\mathcal{O}(8; \{9^7\})$	56735772142265667738
9	$\mathcal{O}(7; \{9^4, 3^7\})$	474373168346071296
9	$\mathcal{O}(7; \{9^7, 3^3\})$	5603533051087967184
9	$\mathcal{O}(6; \{9^4, 3^{10}\})$	46851670947760128
9	$\mathcal{O}(6; \{9^7, 3^6\})$	553435363070416512
9	$\mathcal{O}(6; \{9^{10}, 3^2\})$	7604794855047955464
9	$\mathcal{O}(5; \{9^4, 3^{13}\})$	4627325525704704
9	$\mathcal{O}(5; \{9^7, 3^9\})$	54660282772386816
9	$\mathcal{O}(5; \{9^{10}, 3^5\})$	751090849881279552
9	$\mathcal{O}(5; \{9^{13}, 3\})$	10117490231131051860
9	$\mathcal{O}(4; \{9^4, 3^{16}\})$	457019805007872
9	$\mathcal{O}(4; \{9^7, 3^{12}\})$	5398546446655488
9	$\mathcal{O}(4; \{9^{10}, 3^8\})$	74181812333953536
9	$\mathcal{O}(4; \{9^{13}, 3^4\})$	999258294432696480
9	$\mathcal{O}(4; \{9^{16}\})$	13493693015219106162
9	$\mathcal{O}(3; \{9^4, 3^{19}\})$	45137758519296
9	$\mathcal{O}(3; \{9^7, 3^{15}\})$	533189772509184
9	$\mathcal{O}(3; \{9^{10}, 3^{11}\})$	7326598749032448
9	$\mathcal{O}(3; \{9^{13}, 3^7\})$	98692177227920640
9	$\mathcal{O}(3; \{9^{16}, 3^3\})$	1332710421256208016
9	$\mathcal{O}(2; \{9^4, 3^{22}\})$	4458050224128
9	$\mathcal{O}(2; \{9^7, 3^{18}\})$	52660718272512
9	$\mathcal{O}(2; \{9^{10}, 3^{14}\})$	723614691262464
9	$\mathcal{O}(2; \{9^{13}, 3^{10}\})$	9747375528683520
9	$\mathcal{O}(2; \{9^{16}, 3^6\})$	131625720617897088
9	$\mathcal{O}(2; \{9^{19}, 3^2\})$	1776886223561730792
9	$\mathcal{O}(1; \{9^4, 3^{25}\})$	440301256704
9	$\mathcal{O}(1; \{9^7, 3^{21}\})$	5201058594816
9	$\mathcal{O}(1; \{9^{10}, 3^{17}\})$	71468117655552
9	$\mathcal{O}(1; \{9^{13}, 3^{13}\})$	962703755919360
9	$\mathcal{O}(1; \{9^{16}, 3^9\})$	13000071172137984
9	$\mathcal{O}(1; \{9^{19}, 3^5\})$	175494935660417856
9	$\mathcal{O}(1; \{9^{22}, 3\})$	2369191798878954372
9	$\mathcal{O}(0; \{9^4, 3^{28}\})$	43486543872

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
9	$\mathcal{O}(0; \{9^7, 3^{24}\})$	513684799488
9	$\mathcal{O}(0; \{9^{10}, 3^{20}\})$	7058579521536
9	$\mathcal{O}(0; \{9^{13}, 3^{16}\})$	95081852436480
9	$\mathcal{O}(0; \{9^{16}, 3^{12}\})$	1283957646630912
9	$\mathcal{O}(0; \{9^{19}, 3^8\})$	17332833151646208
9	$\mathcal{O}(0; \{9^{22}, 3^4\})$	233994251741131296
9	$\mathcal{O}(0; \{9^{25}\})$	3158920703928053610
10	$\mathcal{O}(9; \{10, 5, 2\})$	400000000000000000
10	$\mathcal{O}(8; \{5^4, 2^2\})$	520000000000000000
10	$\mathcal{O}(8; \{10, 5, 2^5\})$	400000000000000000
10	$\mathcal{O}(8; \{10^2, 5^3\})$	204000000000000000
10	$\mathcal{O}(8; \{10^3, 2^3\})$	120000000000000000
10	$\mathcal{O}(7; \{5^4, 2^6\})$	520000000000000000
10	$\mathcal{O}(7; \{10, 5, 2^9\})$	400000000000000000
10	$\mathcal{O}(7; \{10, 5^6, 2\})$	327600000000000000
10	$\mathcal{O}(7; \{10^2, 5^3, 2^4\})$	204000000000000000
10	$\mathcal{O}(7; \{10^3, 2^7\})$	120000000000000000
10	$\mathcal{O}(7; \{10^4, 5^2, 2^2\})$	820000000000000000
10	$\mathcal{O}(7; \{10^6, 5\})$	327600000000000000
10	$\mathcal{O}(6; \{5^4, 2^{10}\})$	520000000000000000
10	$\mathcal{O}(6; \{5^9, 2^2\})$	524280000000000000
10	$\mathcal{O}(6; \{10, 5, 2^{13}\})$	400000000000000000
10	$\mathcal{O}(6; \{10, 5^6, 2^5\})$	327600000000000000
10	$\mathcal{O}(6; \{10^2, 5^3, 2^8\})$	204000000000000000
10	$\mathcal{O}(6; \{10^2, 5^8\})$	209716000000000000
10	$\mathcal{O}(6; \{10^3, 2^{11}\})$	120000000000000000
10	$\mathcal{O}(6; \{10^3, 5^5, 2^3\})$	131080000000000000
10	$\mathcal{O}(6; \{10^4, 5^2, 2^6\})$	820000000000000000
10	$\mathcal{O}(6; \{10^5, 5^4, 2\})$	524280000000000000
10	$\mathcal{O}(6; \{10^6, 5, 2^4\})$	327600000000000000
10	$\mathcal{O}(6; \{10^8, 2^2\})$	131080000000000000
10	$\mathcal{O}(5; \{5^4, 2^{14}\})$	520000000000000000
10	$\mathcal{O}(5; \{5^9, 2^6\})$	524280000000000000
10	$\mathcal{O}(5; \{10, 5, 2^{17}\})$	400000000000000000
10	$\mathcal{O}(5; \{10, 5^6, 2^9\})$	327600000000000000
10	$\mathcal{O}(5; \{10, 5^{11}, 2\})$	335544400000000000
10	$\mathcal{O}(5; \{10^2, 5^3, 2^{12}\})$	204000000000000000
10	$\mathcal{O}(5; \{10^2, 5^8, 2^4\})$	209716000000000000
10	$\mathcal{O}(5; \{10^3, 2^{15}\})$	120000000000000000
10	$\mathcal{O}(5; \{10^3, 5^5, 2^7\})$	131080000000000000
10	$\mathcal{O}(5; \{10^4, 5^2, 2^{10}\})$	820000000000000000
10	$\mathcal{O}(5; \{10^4, 5^7, 2^2\})$	838860000000000000
10	$\mathcal{O}(5; \{10^5, 5^4, 2^5\})$	524280000000000000

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(5; \{10^6, 5, 2^8\})$	32760000000000
10	$\mathcal{O}(5; \{10^6, 5^6\})$	3355444000000000
10	$\mathcal{O}(5; \{10^7, 5^3, 2^3\})$	2097160000000000
10	$\mathcal{O}(5; \{10^8, 2^6\})$	1310800000000000
10	$\mathcal{O}(5; \{10^9, 5^2, 2\})$	8388600000000000
10	$\mathcal{O}(4; \{5^4, 2^{18}\})$	5200000000
10	$\mathcal{O}(4; \{5^9, 2^{10}\})$	52428000000000
10	$\mathcal{O}(4; \{5^{14}, 2^2\})$	5368709200000000
10	$\mathcal{O}(4; \{10, 5, 2^{21}\})$	400000000
10	$\mathcal{O}(4; \{10, 5^6, 2^{13}\})$	32760000000000
10	$\mathcal{O}(4; \{10, 5^{11}, 2^5\})$	3355444000000000
10	$\mathcal{O}(4; \{10^2, 5^3, 2^{16}\})$	204000000000
10	$\mathcal{O}(4; \{10^2, 5^8, 2^8\})$	2097160000000000
10	$\mathcal{O}(4; \{10^2, 5^{13}\})$	21474836400000000
10	$\mathcal{O}(4; \{10^3, 2^{19}\})$	1200000000
10	$\mathcal{O}(4; \{10^3, 5^5, 2^{11}\})$	13108000000000
10	$\mathcal{O}(4; \{10^3, 5^{10}, 2^3\})$	1342177200000000
10	$\mathcal{O}(4; \{10^4, 5^2, 2^{14}\})$	820000000000
10	$\mathcal{O}(4; \{10^4, 5^7, 2^6\})$	8388600000000000
10	$\mathcal{O}(4; \{10^5, 5^4, 2^9\})$	52428000000000
10	$\mathcal{O}(4; \{10^5, 5^9, 2\})$	5368709200000000
10	$\mathcal{O}(4; \{10^6, 5, 2^{12}\})$	32760000000000
10	$\mathcal{O}(4; \{10^6, 5^6, 2^4\})$	3355444000000000
10	$\mathcal{O}(4; \{10^7, 5^3, 2^7\})$	2097160000000000
10	$\mathcal{O}(4; \{10^8, 2^{10}\})$	13108000000000
10	$\mathcal{O}(4; \{10^8, 5^5, 2^2\})$	1342177200000000
10	$\mathcal{O}(4; \{10^9, 5^2, 2^5\})$	8388600000000000
10	$\mathcal{O}(4; \{10^{10}, 5^4\})$	5368709200000000
10	$\mathcal{O}(4; \{10^{11}, 5, 2^3\})$	3355444000000000
10	$\mathcal{O}(4; \{10^{13}, 2\})$	1342177200000000
10	$\mathcal{O}(3; \{5^4, 2^{22}\})$	52000000
10	$\mathcal{O}(3; \{5^9, 2^{14}\})$	524280000000
10	$\mathcal{O}(3; \{5^{14}, 2^6\})$	5368709200000000
10	$\mathcal{O}(3; \{10, 5, 2^{25}\})$	4000000
10	$\mathcal{O}(3; \{10, 5^6, 2^{17}\})$	3276000000
10	$\mathcal{O}(3; \{10, 5^{11}, 2^9\})$	33554440000000
10	$\mathcal{O}(3; \{10, 5^{16}, 2\})$	3435973836000000
10	$\mathcal{O}(3; \{10^2, 5^3, 2^{20}\})$	204000000
10	$\mathcal{O}(3; \{10^2, 5^8, 2^{12}\})$	209716000000
10	$\mathcal{O}(3; \{10^2, 5^{13}, 2^4\})$	2147483640000000
10	$\mathcal{O}(3; \{10^3, 2^{23}\})$	12000000
10	$\mathcal{O}(3; \{10^3, 5^5, 2^{15}\})$	13108000000
10	$\mathcal{O}(3; \{10^3, 5^{10}, 2^7\})$	13421772000000

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(3; \{10^4, 5^2, 2^{18}\})$	820000000
10	$\mathcal{O}(3; \{10^4, 5^7, 2^{10}\})$	838860000000
10	$\mathcal{O}(3; \{10^4, 5^{12}, 2^2\})$	858993460000000
10	$\mathcal{O}(3; \{10^5, 5^4, 2^{13}\})$	52428000000
10	$\mathcal{O}(3; \{10^5, 5^9, 2^5\})$	53687092000000
10	$\mathcal{O}(3; \{10^6, 5, 2^{16}\})$	3276000000
10	$\mathcal{O}(3; \{10^6, 5^6, 2^8\})$	3355444000000
10	$\mathcal{O}(3; \{10^6, 5^{11}\})$	3435973836000000
10	$\mathcal{O}(3; \{10^7, 5^3, 2^{11}\})$	209716000000
10	$\mathcal{O}(3; \{10^7, 5^8, 2^3\})$	214748364000000
10	$\mathcal{O}(3; \{10^8, 2^{14}\})$	13108000000
10	$\mathcal{O}(3; \{10^8, 5^5, 2^6\})$	13421772000000
10	$\mathcal{O}(3; \{10^9, 5^2, 2^9\})$	838860000000
10	$\mathcal{O}(3; \{10^9, 5^7, 2\})$	858993460000000
10	$\mathcal{O}(3; \{10^{10}, 5^4, 2^4\})$	536870920000000
10	$\mathcal{O}(3; \{10^{11}, 5, 2^7\})$	3355444000000
10	$\mathcal{O}(3; \{10^{12}, 5^3, 2^2\})$	214748364000000
10	$\mathcal{O}(3; \{10^{13}, 2^5\})$	13421772000000
10	$\mathcal{O}(3; \{10^{14}, 5^2\})$	858993460000000
10	$\mathcal{O}(2; \{5^4, 2^{26}\})$	520000
10	$\mathcal{O}(2; \{5^9, 2^{18}\})$	524280000
10	$\mathcal{O}(2; \{5^{14}, 2^{10}\})$	536870920000
10	$\mathcal{O}(2; \{5^{19}, 2^2\})$	549755813880000
10	$\mathcal{O}(2; \{10, 5, 2^{29}\})$	40000
10	$\mathcal{O}(2; \{10, 5^6, 2^{21}\})$	32760000
10	$\mathcal{O}(2; \{10, 5^{11}, 2^{13}\})$	33554440000
10	$\mathcal{O}(2; \{10, 5^{16}, 2^5\})$	34359738360000
10	$\mathcal{O}(2; \{10^2, 5^3, 2^{24}\})$	2040000
10	$\mathcal{O}(2; \{10^2, 5^8, 2^{16}\})$	2097160000
10	$\mathcal{O}(2; \{10^2, 5^{13}, 2^8\})$	2147483640000
10	$\mathcal{O}(2; \{10^2, 5^{18}\})$	2199023255560000
10	$\mathcal{O}(2; \{10^3, 2^{27}\})$	120000
10	$\mathcal{O}(2; \{10^3, 5^5, 2^{19}\})$	131080000
10	$\mathcal{O}(2; \{10^3, 5^{10}, 2^{11}\})$	134217720000
10	$\mathcal{O}(2; \{10^3, 5^{15}, 2^3\})$	137438953480000
10	$\mathcal{O}(2; \{10^4, 5^2, 2^{22}\})$	8200000
10	$\mathcal{O}(2; \{10^4, 5^7, 2^{14}\})$	83886000000
10	$\mathcal{O}(2; \{10^4, 5^{12}, 2^6\})$	85899346000000
10	$\mathcal{O}(2; \{10^5, 5^4, 2^{17}\})$	524280000
10	$\mathcal{O}(2; \{10^5, 5^9, 2^9\})$	536870920000
10	$\mathcal{O}(2; \{10^5, 5^{14}, 2\})$	549755813880000
10	$\mathcal{O}(2; \{10^6, 5, 2^{20}\})$	32760000
10	$\mathcal{O}(2; \{10^6, 5^6, 2^{12}\})$	33554440000

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(2; \{10^6, 5^{11}, 2^4\})$	34359738360000
10	$\mathcal{O}(2; \{10^7, 5^3, 2^{15}\})$	2097160000
10	$\mathcal{O}(2; \{10^7, 5^8, 2^7\})$	2147483640000
10	$\mathcal{O}(2; \{10^8, 2^{18}\})$	131080000
10	$\mathcal{O}(2; \{10^8, 5^5, 2^{10}\})$	134217720000
10	$\mathcal{O}(2; \{10^8, 5^{10}, 2^2\})$	137438953480000
10	$\mathcal{O}(2; \{10^9, 5^2, 2^{13}\})$	8388600000
10	$\mathcal{O}(2; \{10^9, 5^7, 2^5\})$	8589934600000
10	$\mathcal{O}(2; \{10^{10}, 5^4, 2^8\})$	536870920000
10	$\mathcal{O}(2; \{10^{10}, 5^9\})$	549755813880000
10	$\mathcal{O}(2; \{10^{11}, 5, 2^{11}\})$	33554440000
10	$\mathcal{O}(2; \{10^{11}, 5^6, 2^3\})$	34359738360000
10	$\mathcal{O}(2; \{10^{12}, 5^3, 2^6\})$	2147483640000
10	$\mathcal{O}(2; \{10^{13}, 2^9\})$	134217720000
10	$\mathcal{O}(2; \{10^{13}, 5^5, 2\})$	137438953480000
10	$\mathcal{O}(2; \{10^{14}, 5^2, 2^4\})$	8589934600000
10	$\mathcal{O}(2; \{10^{16}, 5, 2^2\})$	34359738360000
10	$\mathcal{O}(2; \{10^{18}\})$	137438953480000
10	$\mathcal{O}(1; \{5^4, 2^{30}\})$	5200
10	$\mathcal{O}(1; \{5^9, 2^{22}\})$	5242800
10	$\mathcal{O}(1; \{5^{14}, 2^{14}\})$	5368709200
10	$\mathcal{O}(1; \{5^{19}, 2^6\})$	5497558138800
10	$\mathcal{O}(1; \{10, 5, 2^{33}\})$	400
10	$\mathcal{O}(1; \{10, 5^6, 2^{25}\})$	327600
10	$\mathcal{O}(1; \{10, 5^{11}, 2^{17}\})$	335544400
10	$\mathcal{O}(1; \{10, 5^{16}, 2^9\})$	343597383600
10	$\mathcal{O}(1; \{10, 5^{21}, 2\})$	351843720888400
10	$\mathcal{O}(1; \{10^2, 5^3, 2^{28}\})$	20400
10	$\mathcal{O}(1; \{10^2, 5^8, 2^{20}\})$	20971600
10	$\mathcal{O}(1; \{10^2, 5^{13}, 2^{12}\})$	21474836400
10	$\mathcal{O}(1; \{10^2, 5^{18}, 2^4\})$	21990232555600
10	$\mathcal{O}(1; \{10^3, 2^{31}\})$	1200
10	$\mathcal{O}(1; \{10^3, 5^5, 2^{23}\})$	1310800
10	$\mathcal{O}(1; \{10^3, 5^{10}, 2^{15}\})$	1342177200
10	$\mathcal{O}(1; \{10^3, 5^{15}, 2^7\})$	1374389534800
10	$\mathcal{O}(1; \{10^4, 5^2, 2^{26}\})$	82000
10	$\mathcal{O}(1; \{10^4, 5^7, 2^{18}\})$	83886000
10	$\mathcal{O}(1; \{10^4, 5^{12}, 2^{10}\})$	85899346000
10	$\mathcal{O}(1; \{10^4, 5^{17}, 2^2\})$	87960930222000
10	$\mathcal{O}(1; \{10^5, 5^4, 2^{21}\})$	5242800
10	$\mathcal{O}(1; \{10^5, 5^9, 2^{13}\})$	5368709200
10	$\mathcal{O}(1; \{10^5, 5^{14}, 2^5\})$	5497558138800
10	$\mathcal{O}(1; \{10^6, 5, 2^{24}\})$	327600

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(1; \{10^6, 5^6, 2^{16}\})$	335544400
10	$\mathcal{O}(1; \{10^6, 5^{11}, 2^8\})$	343597383600
10	$\mathcal{O}(1; \{10^6, 5^{16}\})$	351843720888400
10	$\mathcal{O}(1; \{10^7, 5^3, 2^{19}\})$	20971600
10	$\mathcal{O}(1; \{10^7, 5^8, 2^{11}\})$	21474836400
10	$\mathcal{O}(1; \{10^7, 5^{13}, 2^3\})$	21990232555600
10	$\mathcal{O}(1; \{10^8, 2^{22}\})$	1310800
10	$\mathcal{O}(1; \{10^8, 5^5, 2^{14}\})$	1342177200
10	$\mathcal{O}(1; \{10^8, 5^{10}, 2^6\})$	1374389534800
10	$\mathcal{O}(1; \{10^9, 5^2, 2^{17}\})$	83886000
10	$\mathcal{O}(1; \{10^9, 5^7, 2^9\})$	85899346000
10	$\mathcal{O}(1; \{10^9, 5^{12}, 2\})$	87960930222000
10	$\mathcal{O}(1; \{10^{10}, 5^4, 2^{12}\})$	5368709200
10	$\mathcal{O}(1; \{10^{10}, 5^9, 2^4\})$	5497558138800
10	$\mathcal{O}(1; \{10^{11}, 5, 2^{15}\})$	335544400
10	$\mathcal{O}(1; \{10^{11}, 5^6, 2^7\})$	343597383600
10	$\mathcal{O}(1; \{10^{12}, 5^3, 2^{10}\})$	21474836400
10	$\mathcal{O}(1; \{10^{12}, 5^8, 2^2\})$	21990232555600
10	$\mathcal{O}(1; \{10^{13}, 2^{13}\})$	1342177200
10	$\mathcal{O}(1; \{10^{13}, 5^5, 2^5\})$	1374389534800
10	$\mathcal{O}(1; \{10^{14}, 5^2, 2^8\})$	85899346000
10	$\mathcal{O}(1; \{10^{14}, 5^7\})$	87960930222000
10	$\mathcal{O}(1; \{10^{15}, 5^4, 2^3\})$	5497558138800
10	$\mathcal{O}(1; \{10^{16}, 5, 2^6\})$	343597383600
10	$\mathcal{O}(1; \{10^{17}, 5^3, 2\})$	21990232555600
10	$\mathcal{O}(1; \{10^{18}, 2^4\})$	1374389534800
10	$\mathcal{O}(0; \{5^4, 2^{34}\})$	52
10	$\mathcal{O}(0; \{5^9, 2^{26}\})$	52428
10	$\mathcal{O}(0; \{5^{14}, 2^{18}\})$	53687092
10	$\mathcal{O}(0; \{5^{19}, 2^{10}\})$	54975581388
10	$\mathcal{O}(0; \{5^{24}, 2^2\})$	56294995342132
10	$\mathcal{O}(0; \{10, 5, 2^{37}\})$	4
10	$\mathcal{O}(0; \{10, 5^6, 2^{29}\})$	3276
10	$\mathcal{O}(0; \{10, 5^{11}, 2^{21}\})$	3355444
10	$\mathcal{O}(0; \{10, 5^{16}, 2^{13}\})$	3435973836
10	$\mathcal{O}(0; \{10, 5^{21}, 2^5\})$	3518437208884
10	$\mathcal{O}(0; \{10^2, 5^3, 2^{32}\})$	204
10	$\mathcal{O}(0; \{10^2, 5^8, 2^{24}\})$	209716
10	$\mathcal{O}(0; \{10^2, 5^{13}, 2^{16}\})$	214748364
10	$\mathcal{O}(0; \{10^2, 5^{18}, 2^8\})$	219902325556
10	$\mathcal{O}(0; \{10^2, 5^{23}\})$	225179981368524
10	$\mathcal{O}(0; \{10^3, 2^{35}\})$	12
10	$\mathcal{O}(0; \{10^3, 5^5, 2^{27}\})$	13108

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(0; \{10^3, 5^{10}, 2^{19}\})$	13421772
10	$\mathcal{O}(0; \{10^3, 5^{15}, 2^{11}\})$	13743895348
10	$\mathcal{O}(0; \{10^3, 5^{20}, 2^3\})$	14073748835532
10	$\mathcal{O}(0; \{10^4, 5^2, 2^{30}\})$	820
10	$\mathcal{O}(0; \{10^4, 5^7, 2^{22}\})$	838860
10	$\mathcal{O}(0; \{10^4, 5^{12}, 2^{14}\})$	858993460
10	$\mathcal{O}(0; \{10^4, 5^{17}, 2^6\})$	879609302220
10	$\mathcal{O}(0; \{10^5, 5^4, 2^{25}\})$	52428
10	$\mathcal{O}(0; \{10^5, 5^9, 2^{17}\})$	53687092
10	$\mathcal{O}(0; \{10^5, 5^{14}, 2^9\})$	54975581388
10	$\mathcal{O}(0; \{10^5, 5^{19}, 2\})$	56294995342132
10	$\mathcal{O}(0; \{10^6, 5, 2^{28}\})$	3276
10	$\mathcal{O}(0; \{10^6, 5^6, 2^{20}\})$	3355444
10	$\mathcal{O}(0; \{10^6, 5^{11}, 2^{12}\})$	3435973836
10	$\mathcal{O}(0; \{10^6, 5^{16}, 2^4\})$	3518437208884
10	$\mathcal{O}(0; \{10^7, 5^3, 2^{23}\})$	209716
10	$\mathcal{O}(0; \{10^7, 5^8, 2^{15}\})$	214748364
10	$\mathcal{O}(0; \{10^7, 5^{13}, 2^7\})$	219902325556
10	$\mathcal{O}(0; \{10^8, 2^{26}\})$	13108
10	$\mathcal{O}(0; \{10^8, 5^5, 2^{18}\})$	13421772
10	$\mathcal{O}(0; \{10^8, 5^{10}, 2^{10}\})$	13743895348
10	$\mathcal{O}(0; \{10^8, 5^{15}, 2^2\})$	14073748835532
10	$\mathcal{O}(0; \{10^9, 5^2, 2^{21}\})$	838860
10	$\mathcal{O}(0; \{10^9, 5^7, 2^{13}\})$	858993460
10	$\mathcal{O}(0; \{10^9, 5^{12}, 2^5\})$	879609302220
10	$\mathcal{O}(0; \{10^{10}, 5^4, 2^{16}\})$	53687092
10	$\mathcal{O}(0; \{10^{10}, 5^9, 2^8\})$	54975581388
10	$\mathcal{O}(0; \{10^{10}, 5^{14}\})$	56294995342132
10	$\mathcal{O}(0; \{10^{11}, 5, 2^{19}\})$	3355444
10	$\mathcal{O}(0; \{10^{11}, 5^6, 2^{11}\})$	3435973836
10	$\mathcal{O}(0; \{10^{11}, 5^{11}, 2^3\})$	3518437208884
10	$\mathcal{O}(0; \{10^{12}, 5^3, 2^{14}\})$	214748364
10	$\mathcal{O}(0; \{10^{12}, 5^8, 2^6\})$	219902325556
10	$\mathcal{O}(0; \{10^{13}, 2^{17}\})$	13421772
10	$\mathcal{O}(0; \{10^{13}, 5^5, 2^9\})$	13743895348
10	$\mathcal{O}(0; \{10^{13}, 5^{10}, 2\})$	14073748835532
10	$\mathcal{O}(0; \{10^{14}, 5^2, 2^{12}\})$	858993460
10	$\mathcal{O}(0; \{10^{14}, 5^7, 2^4\})$	879609302220
10	$\mathcal{O}(0; \{10^{15}, 5^4, 2^7\})$	54975581388
10	$\mathcal{O}(0; \{10^{16}, 5, 2^{10}\})$	3435973836
10	$\mathcal{O}(0; \{10^{16}, 5^6, 2^2\})$	3518437208884
10	$\mathcal{O}(0; \{10^{17}, 5^3, 2^5\})$	219902325556
10	$\mathcal{O}(0; \{10^{18}, 2^8\})$	13743895348

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(0; \{10^{18}, 5^5\})$	14073748835532
10	$\mathcal{O}(0; \{10^{19}, 5^2, 2^3\})$	879609302220
10	$\mathcal{O}(0; \{10^{21}, 5, 2\})$	3518437208884
11	$\mathcal{O}(7; \{11^5\})$	3451925987271660690
11	$\mathcal{O}(2; \{11^{16}\})$	1331000000000013310
12	$\mathcal{O}(7; \{6^2, 4^2\})$	5135673858195456
12	$\mathcal{O}(7; \{12, 6, 4, 3\})$	5135673858195456
12	$\mathcal{O}(7; \{12^2, 3^2\})$	15407021574586368
12	$\mathcal{O}(7; \{12^2, 6, 2\})$	5135673858195456
12	$\mathcal{O}(6; \{4^2, 3^4, 2^2\})$	106993205379072
12	$\mathcal{O}(6; \{6, 4^2, 3^2, 2^3\})$	35664401793024
12	$\mathcal{O}(6; \{6, 4^4, 3^2\})$	142657607172096
12	$\mathcal{O}(6; \{6^2, 4^2, 2^4\})$	35664401793024
12	$\mathcal{O}(6; \{6^2, 4^2, 3^3\})$	178322008965120
12	$\mathcal{O}(6; \{6^2, 4^4, 2\})$	142657607172096
12	$\mathcal{O}(6; \{6^3, 4^2, 3, 2\})$	106993205379072
12	$\mathcal{O}(6; \{12, 4, 3^3, 2^3\})$	106993205379072
12	$\mathcal{O}(6; \{12, 4^3, 3^3\})$	427972821516288
12	$\mathcal{O}(6; \{12, 6, 4, 3, 2^4\})$	35664401793024
12	$\mathcal{O}(6; \{12, 6, 4, 3^4\})$	392308419723264
12	$\mathcal{O}(6; \{12, 6, 4^3, 3, 2\})$	142657607172096
12	$\mathcal{O}(6; \{12, 6^2, 4, 3^2, 2\})$	178322008965120
12	$\mathcal{O}(6; \{12, 6^3, 4, 2^2\})$	106993205379072
12	$\mathcal{O}(6; \{12^2, 3^2, 2^4\})$	106993205379072
12	$\mathcal{O}(6; \{12^2, 3^5\})$	748952437653504
12	$\mathcal{O}(6; \{12^2, 4^2, 3^2, 2\})$	427972821516288
12	$\mathcal{O}(6; \{12^2, 6, 2^5\})$	35664401793024
12	$\mathcal{O}(6; \{12^2, 6, 3^3, 2\})$	392308419723264
12	$\mathcal{O}(6; \{12^2, 6, 4^2, 2^2\})$	142657607172096
12	$\mathcal{O}(6; \{12^2, 6^2, 3, 2^2\})$	178322008965120
12	$\mathcal{O}(6; \{12^2, 6^4\})$	392308419723264
12	$\mathcal{O}(6; \{12^3, 4, 3, 2^2\})$	427972821516288
12	$\mathcal{O}(6; \{12^3, 6^2, 4\})$	713288035860480
12	$\mathcal{O}(6; \{12^4, 2^3\})$	427972821516288
12	$\mathcal{O}(6; \{12^4, 4^2\})$	1711891286065152
12	$\mathcal{O}(6; \{12^4, 6, 3\})$	1569233678893056
12	$\mathcal{O}(5; \{4^2, 3^4, 2^6\})$	743008370688
12	$\mathcal{O}(5; \{4^2, 3^7, 2^2\})$	5201058594816
12	$\mathcal{O}(5; \{4^4, 3^4, 2^3\})$	2972033482752
12	$\mathcal{O}(5; \{4^6, 3^4\})$	11888133931008
12	$\mathcal{O}(5; \{6, 4^2, 3^2, 2^7\})$	247669456896
12	$\mathcal{O}(5; \{6, 4^2, 3^5, 2^3\})$	2724364025856
12	$\mathcal{O}(5; \{6, 4^4, 3^2, 2^4\})$	990677827584

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{6, 4^4, 3^5\})$	10897456103424
12	$\mathcal{O}(5; \{6, 4^6, 3^2, 2\})$	3962711310336
12	$\mathcal{O}(5; \{6^2, 4^2, 2^8\})$	247669456896
12	$\mathcal{O}(5; \{6^2, 4^2, 3^3, 2^4\})$	1238347284480
12	$\mathcal{O}(5; \{6^2, 4^2, 3^6\})$	10649786646528
12	$\mathcal{O}(5; \{6^2, 4^4, 2^5\})$	990677827584
12	$\mathcal{O}(5; \{6^2, 4^4, 3^3, 2\})$	4953389137920
12	$\mathcal{O}(5; \{6^2, 4^6, 2^2\})$	3962711310336
12	$\mathcal{O}(5; \{6^3, 4^2, 3, 2^5\})$	743008370688
12	$\mathcal{O}(5; \{6^3, 4^2, 3^4, 2\})$	5201058594816
12	$\mathcal{O}(5; \{6^3, 4^4, 3, 2^2\})$	2972033482752
12	$\mathcal{O}(5; \{6^4, 4^2, 3^2, 2^2\})$	2724364025856
12	$\mathcal{O}(5; \{6^5, 4^2, 2^3\})$	1238347284480
12	$\mathcal{O}(5; \{6^5, 4^4\})$	4953389137920
12	$\mathcal{O}(5; \{6^6, 4^2, 3\})$	5201058594816
12	$\mathcal{O}(5; \{12, 4, 3^3, 2^7\})$	743008370688
12	$\mathcal{O}(5; \{12, 4, 3^6, 2^3\})$	5201058594816
12	$\mathcal{O}(5; \{12, 4^3, 3^3, 2^4\})$	2972033482752
12	$\mathcal{O}(5; \{12, 4^3, 3^6\})$	20804234379264
12	$\mathcal{O}(5; \{12, 4^5, 3^3, 2\})$	11888133931008
12	$\mathcal{O}(5; \{12, 6, 4, 3, 2^8\})$	247669456896
12	$\mathcal{O}(5; \{12, 6, 4, 3^4, 2^4\})$	2724364025856
12	$\mathcal{O}(5; \{12, 6, 4, 3^7\})$	21051903836160
12	$\mathcal{O}(5; \{12, 6, 4^3, 3, 2^5\})$	990677827584
12	$\mathcal{O}(5; \{12, 6, 4^3, 3^4, 2\})$	10897456103424
12	$\mathcal{O}(5; \{12, 6, 4^5, 3, 2^2\})$	3962711310336
12	$\mathcal{O}(5; \{12, 6^2, 4, 3^2, 2^5\})$	1238347284480
12	$\mathcal{O}(5; \{12, 6^2, 4, 3^5, 2\})$	10649786646528
12	$\mathcal{O}(5; \{12, 6^2, 4^3, 3^2, 2^2\})$	4953389137920
12	$\mathcal{O}(5; \{12, 6^3, 4, 2^6\})$	743008370688
12	$\mathcal{O}(5; \{12, 6^3, 4, 3^3, 2^2\})$	5201058594816
12	$\mathcal{O}(5; \{12, 6^3, 4^3, 2^3\})$	2972033482752
12	$\mathcal{O}(5; \{12, 6^3, 4^5\})$	11888133931008
12	$\mathcal{O}(5; \{12, 6^4, 4, 3, 2^3\})$	2724364025856
12	$\mathcal{O}(5; \{12, 6^4, 4^3, 3\})$	10897456103424
12	$\mathcal{O}(5; \{12, 6^5, 4, 3^2\})$	10649786646528
12	$\mathcal{O}(5; \{12, 6^6, 4, 2\})$	5201058594816
12	$\mathcal{O}(5; \{12^2, 3^2, 2^8\})$	743008370688
12	$\mathcal{O}(5; \{12^2, 3^5, 2^4\})$	5201058594816
12	$\mathcal{O}(5; \{12^2, 3^8\})$	42351477129216
12	$\mathcal{O}(5; \{12^2, 4^2, 3^2, 2^5\})$	2972033482752
12	$\mathcal{O}(5; \{12^2, 4^2, 3^5, 2\})$	20804234379264
12	$\mathcal{O}(5; \{12^2, 4^4, 3^2, 2^2\})$	11888133931008

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{12^2, 6, 2^9\})$	247669456896
12	$\mathcal{O}(5; \{12^2, 6, 3^3, 2^5\})$	2724364025856
12	$\mathcal{O}(5; \{12^2, 6, 3^6, 2\})$	21051903836160
12	$\mathcal{O}(5; \{12^2, 6, 4^2, 2^6\})$	990677827584
12	$\mathcal{O}(5; \{12^2, 6, 4^2, 3^3, 2^2\})$	10897456103424
12	$\mathcal{O}(5; \{12^2, 6, 4^4, 2^3\})$	3962711310336
12	$\mathcal{O}(5; \{12^2, 6, 4^6\})$	15850845241344
12	$\mathcal{O}(5; \{12^2, 6^2, 3, 2^6\})$	1238347284480
12	$\mathcal{O}(5; \{12^2, 6^2, 3^4, 2^2\})$	10649786646528
12	$\mathcal{O}(5; \{12^2, 6^2, 4^2, 3, 2^3\})$	4953389137920
12	$\mathcal{O}(5; \{12^2, 6^2, 4^4, 3\})$	19813556551680
12	$\mathcal{O}(5; \{12^2, 6^3, 3^2, 2^3\})$	5201058594816
12	$\mathcal{O}(5; \{12^2, 6^3, 4^2, 3^2\})$	20804234379264
12	$\mathcal{O}(5; \{12^2, 6^4, 2^4\})$	2724364025856
12	$\mathcal{O}(5; \{12^2, 6^4, 3^3\})$	21051903836160
12	$\mathcal{O}(5; \{12^2, 6^4, 4^2, 2\})$	10897456103424
12	$\mathcal{O}(5; \{12^2, 6^5, 3, 2\})$	10649786646528
12	$\mathcal{O}(5; \{12^3, 4, 3, 2^6\})$	2972033482752
12	$\mathcal{O}(5; \{12^3, 4, 3^4, 2^2\})$	20804234379264
12	$\mathcal{O}(5; \{12^3, 4^3, 3, 2^3\})$	11888133931008
12	$\mathcal{O}(5; \{12^3, 4^5, 3\})$	47552535724032
12	$\mathcal{O}(5; \{12^3, 6, 4, 3^2, 2^3\})$	10897456103424
12	$\mathcal{O}(5; \{12^3, 6, 4^3, 3^2\})$	43589824413696
12	$\mathcal{O}(5; \{12^3, 6^2, 4, 2^4\})$	4953389137920
12	$\mathcal{O}(5; \{12^3, 6^2, 4, 3^3\})$	42599146586112
12	$\mathcal{O}(5; \{12^3, 6^2, 4^3, 2\})$	19813556551680
12	$\mathcal{O}(5; \{12^3, 6^3, 4, 3, 2\})$	20804234379264
12	$\mathcal{O}(5; \{12^4, 2^7\})$	2972033482752
12	$\mathcal{O}(5; \{12^4, 3^3, 2^3\})$	20804234379264
12	$\mathcal{O}(5; \{12^4, 4^2, 2^4\})$	11888133931008
12	$\mathcal{O}(5; \{12^4, 4^2, 3^3\})$	83216937517056
12	$\mathcal{O}(5; \{12^4, 4^4, 2\})$	47552535724032
12	$\mathcal{O}(5; \{12^4, 6, 3, 2^4\})$	10897456103424
12	$\mathcal{O}(5; \{12^4, 6, 3^4\})$	84207615344640
12	$\mathcal{O}(5; \{12^4, 6, 4^2, 3, 2\})$	43589824413696
12	$\mathcal{O}(5; \{12^4, 6^2, 3^2, 2\})$	42599146586112
12	$\mathcal{O}(5; \{12^4, 6^3, 2^2\})$	20804234379264
12	$\mathcal{O}(5; \{12^5, 4, 3^2, 2\})$	83216937517056
12	$\mathcal{O}(5; \{12^5, 6, 4, 2^2\})$	43589824413696
12	$\mathcal{O}(5; \{12^6, 3, 2^2\})$	83216937517056
12	$\mathcal{O}(5; \{12^6, 6^2\})$	170396586344448
12	$\mathcal{O}(5; \{12^7, 4\})$	332867750068224
12	$\mathcal{O}(4; \{4^2, 3^4, 2^{10}\})$	5159780352

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{4^2, 3^7, 2^6\})$	36118462464
12	$\mathcal{O}(4; \{4^2, 3^{10}, 2^2\})$	294107480064
12	$\mathcal{O}(4; \{4^4, 3^4, 2^7\})$	20639121408
12	$\mathcal{O}(4; \{4^4, 3^7, 2^3\})$	144473849856
12	$\mathcal{O}(4; \{4^6, 3^4, 2^4\})$	82556485632
12	$\mathcal{O}(4; \{4^6, 3^7\})$	577895399424
12	$\mathcal{O}(4; \{4^8, 3^4, 2\})$	330225942528
12	$\mathcal{O}(4; \{6, 4^2, 3^2, 2^{11}\})$	1719926784
12	$\mathcal{O}(4; \{6, 4^2, 3^5, 2^7\})$	18919194624
12	$\mathcal{O}(4; \{6, 4^2, 3^8, 2^3\})$	146193776640
12	$\mathcal{O}(4; \{6, 4^4, 3^2, 2^8\})$	6879707136
12	$\mathcal{O}(4; \{6, 4^4, 3^5, 2^4\})$	75676778496
12	$\mathcal{O}(4; \{6, 4^4, 3^8\})$	584775106560
12	$\mathcal{O}(4; \{6, 4^6, 3^2, 2^5\})$	27518828544
12	$\mathcal{O}(4; \{6, 4^6, 3^5, 2\})$	302707113984
12	$\mathcal{O}(4; \{6, 4^8, 3^2, 2^2\})$	110075314176
12	$\mathcal{O}(4; \{6^2, 4^2, 2^{12}\})$	1719926784
12	$\mathcal{O}(4; \{6^2, 4^2, 3^3, 2^8\})$	8599633920
12	$\mathcal{O}(4; \{6^2, 4^2, 3^6, 2^4\})$	73956851712
12	$\mathcal{O}(4; \{6^2, 4^2, 3^9\})$	586495033344
12	$\mathcal{O}(4; \{6^2, 4^4, 2^9\})$	6879707136
12	$\mathcal{O}(4; \{6^2, 4^4, 3^3, 2^5\})$	34398535680
12	$\mathcal{O}(4; \{6^2, 4^4, 3^6, 2\})$	295827406848
12	$\mathcal{O}(4; \{6^2, 4^6, 2^6\})$	27518828544
12	$\mathcal{O}(4; \{6^2, 4^6, 3^3, 2^2\})$	137594142720
12	$\mathcal{O}(4; \{6^2, 4^8, 2^3\})$	110075314176
12	$\mathcal{O}(4; \{6^2, 4^{10}\})$	440301256704
12	$\mathcal{O}(4; \{6^3, 4^2, 3, 2^9\})$	5159780352
12	$\mathcal{O}(4; \{6^3, 4^2, 3^4, 2^5\})$	36118462464
12	$\mathcal{O}(4; \{6^3, 4^2, 3^7, 2\})$	294107480064
12	$\mathcal{O}(4; \{6^3, 4^4, 3, 2^6\})$	20639121408
12	$\mathcal{O}(4; \{6^3, 4^4, 3^4, 2^2\})$	144473849856
12	$\mathcal{O}(4; \{6^3, 4^6, 3, 2^3\})$	82556485632
12	$\mathcal{O}(4; \{6^3, 4^8, 3\})$	330225942528
12	$\mathcal{O}(4; \{6^4, 4^2, 3^2, 2^6\})$	18919194624
12	$\mathcal{O}(4; \{6^4, 4^2, 3^5, 2^2\})$	146193776640
12	$\mathcal{O}(4; \{6^4, 4^4, 3^2, 2^3\})$	75676778496
12	$\mathcal{O}(4; \{6^4, 4^6, 3^2\})$	302707113984
12	$\mathcal{O}(4; \{6^5, 4^2, 2^7\})$	8599633920
12	$\mathcal{O}(4; \{6^5, 4^2, 3^3, 2^3\})$	73956851712
12	$\mathcal{O}(4; \{6^5, 4^4, 2^4\})$	34398535680
12	$\mathcal{O}(4; \{6^5, 4^4, 3^3\})$	295827406848
12	$\mathcal{O}(4; \{6^5, 4^6, 2\})$	137594142720

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{6^6, 4^2, 3, 2^4\})$	36118462464
12	$\mathcal{O}(4; \{6^6, 4^2, 3^4\})$	294107480064
12	$\mathcal{O}(4; \{6^6, 4^4, 3, 2\})$	144473849856
12	$\mathcal{O}(4; \{6^7, 4^2, 3^2, 2\})$	146193776640
12	$\mathcal{O}(4; \{6^8, 4^2, 2^2\})$	73956851712
12	$\mathcal{O}(4; \{12, 4, 3^3, 2^{11}\})$	5159780352
12	$\mathcal{O}(4; \{12, 4, 3^6, 2^7\})$	36118462464
12	$\mathcal{O}(4; \{12, 4, 3^9, 2^3\})$	294107480064
12	$\mathcal{O}(4; \{12, 4^3, 3^3, 2^8\})$	20639121408
12	$\mathcal{O}(4; \{12, 4^3, 3^6, 2^4\})$	144473849856
12	$\mathcal{O}(4; \{12, 4^3, 3^9\})$	1176429920256
12	$\mathcal{O}(4; \{12, 4^5, 3^3, 2^5\})$	82556485632
12	$\mathcal{O}(4; \{12, 4^5, 3^6, 2\})$	577895399424
12	$\mathcal{O}(4; \{12, 4^7, 3^3, 2^2\})$	330225942528
12	$\mathcal{O}(4; \{12, 6, 4, 3, 2^{12}\})$	1719926784
12	$\mathcal{O}(4; \{12, 6, 4, 3^4, 2^8\})$	18919194624
12	$\mathcal{O}(4; \{12, 6, 4, 3^7, 2^4\})$	146193776640
12	$\mathcal{O}(4; \{12, 6, 4, 3^{10}\})$	1174709993472
12	$\mathcal{O}(4; \{12, 6, 4^3, 3, 2^9\})$	6879707136
12	$\mathcal{O}(4; \{12, 6, 4^3, 3^4, 2^5\})$	75676778496
12	$\mathcal{O}(4; \{12, 6, 4^3, 3^7, 2\})$	584775106560
12	$\mathcal{O}(4; \{12, 6, 4^5, 3, 2^6\})$	27518828544
12	$\mathcal{O}(4; \{12, 6, 4^5, 3^4, 2^2\})$	302707113984
12	$\mathcal{O}(4; \{12, 6, 4^7, 3, 2^3\})$	110075314176
12	$\mathcal{O}(4; \{12, 6, 4^9, 3\})$	440301256704
12	$\mathcal{O}(4; \{12, 6^2, 4, 3^2, 2^9\})$	8599633920
12	$\mathcal{O}(4; \{12, 6^2, 4, 3^5, 2^5\})$	73956851712
12	$\mathcal{O}(4; \{12, 6^2, 4, 3^8, 2\})$	586495033344
12	$\mathcal{O}(4; \{12, 6^2, 4^3, 3^2, 2^6\})$	34398535680
12	$\mathcal{O}(4; \{12, 6^2, 4^3, 3^5, 2^2\})$	295827406848
12	$\mathcal{O}(4; \{12, 6^2, 4^5, 3^2, 2^3\})$	137594142720
12	$\mathcal{O}(4; \{12, 6^2, 4^7, 3^2\})$	550376570880
12	$\mathcal{O}(4; \{12, 6^3, 4, 2^{10}\})$	5159780352
12	$\mathcal{O}(4; \{12, 6^3, 4, 3^3, 2^6\})$	36118462464
12	$\mathcal{O}(4; \{12, 6^3, 4, 3^6, 2^2\})$	294107480064
12	$\mathcal{O}(4; \{12, 6^3, 4^3, 2^7\})$	20639121408
12	$\mathcal{O}(4; \{12, 6^3, 4^3, 3^3, 2^3\})$	144473849856
12	$\mathcal{O}(4; \{12, 6^3, 4^5, 2^4\})$	82556485632
12	$\mathcal{O}(4; \{12, 6^3, 4^5, 3^3\})$	577895399424
12	$\mathcal{O}(4; \{12, 6^3, 4^7, 2\})$	330225942528
12	$\mathcal{O}(4; \{12, 6^4, 4, 3, 2^7\})$	18919194624
12	$\mathcal{O}(4; \{12, 6^4, 4, 3^4, 2^3\})$	146193776640
12	$\mathcal{O}(4; \{12, 6^4, 4^3, 3, 2^4\})$	75676778496

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12, 6^4, 4^3, 3^4\})$	584775106560
12	$\mathcal{O}(4; \{12, 6^4, 4^5, 3, 2\})$	302707113984
12	$\mathcal{O}(4; \{12, 6^5, 4, 3^2, 2^4\})$	73956851712
12	$\mathcal{O}(4; \{12, 6^5, 4, 3^5\})$	586495033344
12	$\mathcal{O}(4; \{12, 6^5, 4^3, 3^2, 2\})$	295827406848
12	$\mathcal{O}(4; \{12, 6^6, 4, 2^5\})$	36118462464
12	$\mathcal{O}(4; \{12, 6^6, 4, 3^3, 2\})$	294107480064
12	$\mathcal{O}(4; \{12, 6^6, 4^3, 2^2\})$	144473849856
12	$\mathcal{O}(4; \{12, 6^7, 4, 3, 2^2\})$	146193776640
12	$\mathcal{O}(4; \{12, 6^9, 4\})$	294107480064
12	$\mathcal{O}(4; \{12^2, 3^2, 2^{12}\})$	5159780352
12	$\mathcal{O}(4; \{12^2, 3^5, 2^8\})$	36118462464
12	$\mathcal{O}(4; \{12^2, 3^8, 2^4\})$	294107480064
12	$\mathcal{O}(4; \{12^2, 3^{11}\})$	2347700060160
12	$\mathcal{O}(4; \{12^2, 4^2, 3^2, 2^9\})$	20639121408
12	$\mathcal{O}(4; \{12^2, 4^2, 3^5, 2^5\})$	144473849856
12	$\mathcal{O}(4; \{12^2, 4^2, 3^8, 2\})$	1176429920256
12	$\mathcal{O}(4; \{12^2, 4^4, 3^2, 2^6\})$	82556485632
12	$\mathcal{O}(4; \{12^2, 4^4, 3^5, 2^2\})$	577895399424
12	$\mathcal{O}(4; \{12^2, 4^6, 3^2, 2^3\})$	330225942528
12	$\mathcal{O}(4; \{12^2, 4^8, 3^2\})$	1320903770112
12	$\mathcal{O}(4; \{12^2, 6, 2^{13}\})$	1719926784
12	$\mathcal{O}(4; \{12^2, 6, 3^3, 2^9\})$	18919194624
12	$\mathcal{O}(4; \{12^2, 6, 3^6, 2^5\})$	146193776640
12	$\mathcal{O}(4; \{12^2, 6, 3^9, 2\})$	1174709993472
12	$\mathcal{O}(4; \{12^2, 6, 4^2, 2^{10}\})$	6879707136
12	$\mathcal{O}(4; \{12^2, 6, 4^2, 3^3, 2^6\})$	75676778496
12	$\mathcal{O}(4; \{12^2, 6, 4^2, 3^6, 2^2\})$	584775106560
12	$\mathcal{O}(4; \{12^2, 6, 4^4, 2^7\})$	27518828544
12	$\mathcal{O}(4; \{12^2, 6, 4^4, 3^3, 2^3\})$	302707113984
12	$\mathcal{O}(4; \{12^2, 6, 4^6, 2^4\})$	110075314176
12	$\mathcal{O}(4; \{12^2, 6, 4^6, 3^3\})$	1210828455936
12	$\mathcal{O}(4; \{12^2, 6, 4^8, 2\})$	440301256704
12	$\mathcal{O}(4; \{12^2, 6^2, 3, 2^{10}\})$	8599633920
12	$\mathcal{O}(4; \{12^2, 6^2, 3^4, 2^6\})$	73956851712
12	$\mathcal{O}(4; \{12^2, 6^2, 3^7, 2^2\})$	586495033344
12	$\mathcal{O}(4; \{12^2, 6^2, 4^2, 3, 2^7\})$	34398535680
12	$\mathcal{O}(4; \{12^2, 6^2, 4^2, 3^4, 2^3\})$	295827406848
12	$\mathcal{O}(4; \{12^2, 6^2, 4^4, 3, 2^4\})$	137594142720
12	$\mathcal{O}(4; \{12^2, 6^2, 4^4, 3^4\})$	1183309627392
12	$\mathcal{O}(4; \{12^2, 6^2, 4^6, 3, 2\})$	550376570880
12	$\mathcal{O}(4; \{12^2, 6^3, 3^2, 2^7\})$	36118462464
12	$\mathcal{O}(4; \{12^2, 6^3, 3^5, 2^3\})$	294107480064

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^2, 6^3, 4^2, 3^2, 2^4\})$	144473849856
12	$\mathcal{O}(4; \{12^2, 6^3, 4^2, 3^5\})$	1176429920256
12	$\mathcal{O}(4; \{12^2, 6^3, 4^4, 3^2, 2\})$	577895399424
12	$\mathcal{O}(4; \{12^2, 6^4, 2^8\})$	18919194624
12	$\mathcal{O}(4; \{12^2, 6^4, 3^3, 2^4\})$	146193776640
12	$\mathcal{O}(4; \{12^2, 6^4, 3^6\})$	1174709993472
12	$\mathcal{O}(4; \{12^2, 6^4, 4^2, 2^5\})$	75676778496
12	$\mathcal{O}(4; \{12^2, 6^4, 4^2, 3^3, 2\})$	584775106560
12	$\mathcal{O}(4; \{12^2, 6^4, 4^4, 2^2\})$	302707113984
12	$\mathcal{O}(4; \{12^2, 6^5, 3, 2^5\})$	73956851712
12	$\mathcal{O}(4; \{12^2, 6^5, 3^4, 2\})$	586495033344
12	$\mathcal{O}(4; \{12^2, 6^5, 4^2, 3, 2^2\})$	295827406848
12	$\mathcal{O}(4; \{12^2, 6^6, 3^2, 2^2\})$	294107480064
12	$\mathcal{O}(4; \{12^2, 6^7, 2^3\})$	146193776640
12	$\mathcal{O}(4; \{12^2, 6^7, 4^2\})$	584775106560
12	$\mathcal{O}(4; \{12^2, 6^8, 3\})$	586495033344
12	$\mathcal{O}(4; \{12^3, 4, 3, 2^{10}\})$	20639121408
12	$\mathcal{O}(4; \{12^3, 4, 3^4, 2^6\})$	144473849856
12	$\mathcal{O}(4; \{12^3, 4, 3^7, 2^2\})$	1176429920256
12	$\mathcal{O}(4; \{12^3, 4^3, 3, 2^7\})$	82556485632
12	$\mathcal{O}(4; \{12^3, 4^3, 3^4, 2^3\})$	577895399424
12	$\mathcal{O}(4; \{12^3, 4^5, 3, 2^4\})$	330225942528
12	$\mathcal{O}(4; \{12^3, 4^5, 3^4\})$	2311581597696
12	$\mathcal{O}(4; \{12^3, 4^7, 3, 2\})$	1320903770112
12	$\mathcal{O}(4; \{12^3, 6, 4, 3^2, 2^7\})$	75676778496
12	$\mathcal{O}(4; \{12^3, 6, 4, 3^5, 2^3\})$	584775106560
12	$\mathcal{O}(4; \{12^3, 6, 4^3, 3^2, 2^4\})$	302707113984
12	$\mathcal{O}(4; \{12^3, 6, 4^3, 3^5\})$	2339100426240
12	$\mathcal{O}(4; \{12^3, 6, 4^5, 3^2, 2\})$	1210828455936
12	$\mathcal{O}(4; \{12^3, 6^2, 4, 2^8\})$	34398535680
12	$\mathcal{O}(4; \{12^3, 6^2, 4, 3^3, 2^4\})$	295827406848
12	$\mathcal{O}(4; \{12^3, 6^2, 4, 3^6\})$	2345980133376
12	$\mathcal{O}(4; \{12^3, 6^2, 4^3, 2^5\})$	137594142720
12	$\mathcal{O}(4; \{12^3, 6^2, 4^3, 3^3, 2\})$	1183309627392
12	$\mathcal{O}(4; \{12^3, 6^2, 4^5, 2^2\})$	550376570880
12	$\mathcal{O}(4; \{12^3, 6^3, 4, 3, 2^5\})$	144473849856
12	$\mathcal{O}(4; \{12^3, 6^3, 4, 3^4, 2\})$	1176429920256
12	$\mathcal{O}(4; \{12^3, 6^3, 4^3, 3, 2^2\})$	577895399424
12	$\mathcal{O}(4; \{12^3, 6^4, 4, 3^2, 2^2\})$	584775106560
12	$\mathcal{O}(4; \{12^3, 6^5, 4, 2^3\})$	295827406848
12	$\mathcal{O}(4; \{12^3, 6^5, 4^3\})$	1183309627392
12	$\mathcal{O}(4; \{12^3, 6^6, 4, 3\})$	1176429920256
12	$\mathcal{O}(4; \{12^4, 2^{11}\})$	20639121408

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^4, 3^3, 2^7\})$	144473849856
12	$\mathcal{O}(4; \{12^4, 3^6, 2^3\})$	1176429920256
12	$\mathcal{O}(4; \{12^4, 4^2, 2^8\})$	82556485632
12	$\mathcal{O}(4; \{12^4, 4^2, 3^3, 2^4\})$	577895399424
12	$\mathcal{O}(4; \{12^4, 4^2, 3^6\})$	4705719681024
12	$\mathcal{O}(4; \{12^4, 4^4, 2^5\})$	330225942528
12	$\mathcal{O}(4; \{12^4, 4^4, 3^3, 2\})$	2311581597696
12	$\mathcal{O}(4; \{12^4, 4^6, 2^2\})$	1320903770112
12	$\mathcal{O}(4; \{12^4, 6, 3, 2^8\})$	75676778496
12	$\mathcal{O}(4; \{12^4, 6, 3^4, 2^4\})$	584775106560
12	$\mathcal{O}(4; \{12^4, 6, 3^7\})$	4698839973888
12	$\mathcal{O}(4; \{12^4, 6, 4^2, 3, 2^5\})$	302707113984
12	$\mathcal{O}(4; \{12^4, 6, 4^2, 3^4, 2\})$	2339100426240
12	$\mathcal{O}(4; \{12^4, 6, 4^4, 3, 2^2\})$	1210828455936
12	$\mathcal{O}(4; \{12^4, 6^2, 3^2, 2^5\})$	295827406848
12	$\mathcal{O}(4; \{12^4, 6^2, 3^5, 2\})$	2345980133376
12	$\mathcal{O}(4; \{12^4, 6^2, 4^2, 3^2, 2^2\})$	1183309627392
12	$\mathcal{O}(4; \{12^4, 6^3, 2^6\})$	144473849856
12	$\mathcal{O}(4; \{12^4, 6^3, 3^3, 2^2\})$	1176429920256
12	$\mathcal{O}(4; \{12^4, 6^3, 4^2, 2^3\})$	577895399424
12	$\mathcal{O}(4; \{12^4, 6^3, 4^4\})$	2311581597696
12	$\mathcal{O}(4; \{12^4, 6^4, 3, 2^3\})$	584775106560
12	$\mathcal{O}(4; \{12^4, 6^4, 4^2, 3\})$	2339100426240
12	$\mathcal{O}(4; \{12^4, 6^5, 3^2\})$	2345980133376
12	$\mathcal{O}(4; \{12^4, 6^6, 2\})$	1176429920256
12	$\mathcal{O}(4; \{12^5, 4, 3^2, 2^5\})$	577895399424
12	$\mathcal{O}(4; \{12^5, 4, 3^5, 2\})$	4705719681024
12	$\mathcal{O}(4; \{12^5, 4^3, 3^2, 2^2\})$	2311581597696
12	$\mathcal{O}(4; \{12^5, 6, 4, 2^6\})$	302707113984
12	$\mathcal{O}(4; \{12^5, 6, 4, 3^3, 2^2\})$	2339100426240
12	$\mathcal{O}(4; \{12^5, 6, 4^3, 2^3\})$	1210828455936
12	$\mathcal{O}(4; \{12^5, 6, 4^5\})$	4843313823744
12	$\mathcal{O}(4; \{12^5, 6^2, 4, 3, 2^3\})$	1183309627392
12	$\mathcal{O}(4; \{12^5, 6^2, 4^3, 3\})$	4733238509568
12	$\mathcal{O}(4; \{12^5, 6^3, 4, 3^2\})$	4705719681024
12	$\mathcal{O}(4; \{12^5, 6^4, 4, 2\})$	2339100426240
12	$\mathcal{O}(4; \{12^6, 3, 2^6\})$	577895399424
12	$\mathcal{O}(4; \{12^6, 3^4, 2^2\})$	4705719681024
12	$\mathcal{O}(4; \{12^6, 4^2, 3, 2^3\})$	2311581597696
12	$\mathcal{O}(4; \{12^6, 4^4, 3\})$	9246326390784
12	$\mathcal{O}(4; \{12^6, 6, 3^2, 2^3\})$	2339100426240
12	$\mathcal{O}(4; \{12^6, 6, 4^2, 3^2\})$	9356401704960
12	$\mathcal{O}(4; \{12^6, 6^2, 2^4\})$	1183309627392

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^6, 6^2, 3^3\})$	9383920533504
12	$\mathcal{O}(4; \{12^6, 6^2, 4^2, 2\})$	4733238509568
12	$\mathcal{O}(4; \{12^6, 6^3, 3, 2\})$	4705719681024
12	$\mathcal{O}(4; \{12^7, 4, 2^4\})$	2311581597696
12	$\mathcal{O}(4; \{12^7, 4, 3^3\})$	18822878724096
12	$\mathcal{O}(4; \{12^7, 4^3, 2\})$	9246326390784
12	$\mathcal{O}(4; \{12^7, 6, 4, 3, 2\})$	9356401704960
12	$\mathcal{O}(4; \{12^8, 3^2, 2\})$	18822878724096
12	$\mathcal{O}(4; \{12^8, 6, 2^2\})$	9356401704960
12	$\mathcal{O}(4; \{12^{10}\})$	75291514896384
12	$\mathcal{O}(3; \{4^2, 3^4, 2^{14}\})$	35831808
12	$\mathcal{O}(3; \{4^2, 3^7, 2^{10}\})$	250822656
12	$\mathcal{O}(3; \{4^2, 3^{10}, 2^6\})$	2042413056
12	$\mathcal{O}(3; \{4^2, 3^{13}, 2^2\})$	16303472640
12	$\mathcal{O}(3; \{4^4, 3^4, 2^{11}\})$	143327232
12	$\mathcal{O}(3; \{4^4, 3^7, 2^7\})$	1003290624
12	$\mathcal{O}(3; \{4^4, 3^{10}, 2^3\})$	8169652224
12	$\mathcal{O}(3; \{4^6, 3^4, 2^8\})$	573308928
12	$\mathcal{O}(3; \{4^6, 3^7, 2^4\})$	4013162496
12	$\mathcal{O}(3; \{4^6, 3^{10}\})$	32678608896
12	$\mathcal{O}(3; \{4^8, 3^4, 2^5\})$	2293235712
12	$\mathcal{O}(3; \{4^8, 3^7, 2\})$	16052649984
12	$\mathcal{O}(3; \{4^{10}, 3^4, 2^2\})$	9172942848
12	$\mathcal{O}(3; \{6, 4^2, 3^2, 2^{15}\})$	11943936
12	$\mathcal{O}(3; \{6, 4^2, 3^5, 2^{11}\})$	131383296
12	$\mathcal{O}(3; \{6, 4^2, 3^8, 2^7\})$	1015234560
12	$\mathcal{O}(3; \{6, 4^2, 3^{11}, 2^3\})$	8157708288
12	$\mathcal{O}(3; \{6, 4^4, 3^2, 2^{12}\})$	47775744
12	$\mathcal{O}(3; \{6, 4^4, 3^5, 2^8\})$	525533184
12	$\mathcal{O}(3; \{6, 4^4, 3^8, 2^4\})$	4060938240
12	$\mathcal{O}(3; \{6, 4^4, 3^{11}\})$	32630833152
12	$\mathcal{O}(3; \{6, 4^6, 3^2, 2^9\})$	191102976
12	$\mathcal{O}(3; \{6, 4^6, 3^5, 2^5\})$	2102132736
12	$\mathcal{O}(3; \{6, 4^6, 3^8, 2\})$	16243752960
12	$\mathcal{O}(3; \{6, 4^8, 3^2, 2^6\})$	764411904
12	$\mathcal{O}(3; \{6, 4^8, 3^5, 2^2\})$	8408530944
12	$\mathcal{O}(3; \{6, 4^{10}, 3^2, 2^3\})$	3057647616
12	$\mathcal{O}(3; \{6, 4^{12}, 3^2\})$	12230590464
12	$\mathcal{O}(3; \{6^2, 4^2, 2^{16}\})$	11943936
12	$\mathcal{O}(3; \{6^2, 4^2, 3^3, 2^{12}\})$	59719680
12	$\mathcal{O}(3; \{6^2, 4^2, 3^6, 2^8\})$	513589248
12	$\mathcal{O}(3; \{6^2, 4^2, 3^9, 2^4\})$	4072882176
12	$\mathcal{O}(3; \{6^2, 4^2, 3^{12}\})$	32618889216

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{6^2, 4^4, 2^{13}\})$	47775744
12	$\mathcal{O}(3; \{6^2, 4^4, 3^3, 2^9\})$	238878720
12	$\mathcal{O}(3; \{6^2, 4^4, 3^6, 2^5\})$	2054356992
12	$\mathcal{O}(3; \{6^2, 4^4, 3^9, 2\})$	16291528704
12	$\mathcal{O}(3; \{6^2, 4^6, 2^{10}\})$	191102976
12	$\mathcal{O}(3; \{6^2, 4^6, 3^3, 2^6\})$	955514880
12	$\mathcal{O}(3; \{6^2, 4^6, 3^6, 2^2\})$	8217427968
12	$\mathcal{O}(3; \{6^2, 4^8, 2^7\})$	764411904
12	$\mathcal{O}(3; \{6^2, 4^8, 3^3, 2^3\})$	3822059520
12	$\mathcal{O}(3; \{6^2, 4^{10}, 2^4\})$	3057647616
12	$\mathcal{O}(3; \{6^2, 4^{10}, 3^3\})$	15288238080
12	$\mathcal{O}(3; \{6^2, 4^{12}, 2\})$	12230590464
12	$\mathcal{O}(3; \{6^3, 4^2, 3, 2^{13}\})$	35831808
12	$\mathcal{O}(3; \{6^3, 4^2, 3^4, 2^9\})$	250822656
12	$\mathcal{O}(3; \{6^3, 4^2, 3^7, 2^5\})$	2042413056
12	$\mathcal{O}(3; \{6^3, 4^2, 3^{10}, 2\})$	16303472640
12	$\mathcal{O}(3; \{6^3, 4^4, 3, 2^{10}\})$	143327232
12	$\mathcal{O}(3; \{6^3, 4^4, 3^4, 2^6\})$	1003290624
12	$\mathcal{O}(3; \{6^3, 4^4, 3^7, 2^2\})$	8169652224
12	$\mathcal{O}(3; \{6^3, 4^6, 3, 2^7\})$	573308928
12	$\mathcal{O}(3; \{6^3, 4^6, 3^4, 2^3\})$	4013162496
12	$\mathcal{O}(3; \{6^3, 4^8, 3, 2^4\})$	2293235712
12	$\mathcal{O}(3; \{6^3, 4^8, 3^4\})$	16052649984
12	$\mathcal{O}(3; \{6^3, 4^{10}, 3, 2\})$	9172942848
12	$\mathcal{O}(3; \{6^4, 4^2, 3^2, 2^{10}\})$	131383296
12	$\mathcal{O}(3; \{6^4, 4^2, 3^5, 2^6\})$	1015234560
12	$\mathcal{O}(3; \{6^4, 4^2, 3^8, 2^2\})$	8157708288
12	$\mathcal{O}(3; \{6^4, 4^4, 3^2, 2^7\})$	525533184
12	$\mathcal{O}(3; \{6^4, 4^4, 3^5, 2^3\})$	4060938240
12	$\mathcal{O}(3; \{6^4, 4^6, 3^2, 2^4\})$	2102132736
12	$\mathcal{O}(3; \{6^4, 4^6, 3^5\})$	16243752960
12	$\mathcal{O}(3; \{6^4, 4^8, 3^2, 2\})$	8408530944
12	$\mathcal{O}(3; \{6^5, 4^2, 2^{11}\})$	59719680
12	$\mathcal{O}(3; \{6^5, 4^2, 3^3, 2^7\})$	513589248
12	$\mathcal{O}(3; \{6^5, 4^2, 3^6, 2^3\})$	4072882176
12	$\mathcal{O}(3; \{6^5, 4^4, 2^8\})$	238878720
12	$\mathcal{O}(3; \{6^5, 4^4, 3^3, 2^4\})$	2054356992
12	$\mathcal{O}(3; \{6^5, 4^4, 3^6\})$	16291528704
12	$\mathcal{O}(3; \{6^5, 4^6, 2^5\})$	955514880
12	$\mathcal{O}(3; \{6^5, 4^6, 3^3, 2\})$	8217427968
12	$\mathcal{O}(3; \{6^5, 4^8, 2^2\})$	3822059520
12	$\mathcal{O}(3; \{6^6, 4^2, 3, 2^8\})$	250822656
12	$\mathcal{O}(3; \{6^6, 4^2, 3^4, 2^4\})$	2042413056

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{6^6, 4^2, 3^7\})$	16303472640
12	$\mathcal{O}(3; \{6^6, 4^4, 3, 2^5\})$	1003290624
12	$\mathcal{O}(3; \{6^6, 4^4, 3^4, 2\})$	8169652224
12	$\mathcal{O}(3; \{6^6, 4^6, 3, 2^2\})$	4013162496
12	$\mathcal{O}(3; \{6^7, 4^2, 3^2, 2^5\})$	1015234560
12	$\mathcal{O}(3; \{6^7, 4^2, 3^5, 2\})$	8157708288
12	$\mathcal{O}(3; \{6^7, 4^4, 3^2, 2^2\})$	4060938240
12	$\mathcal{O}(3; \{6^8, 4^2, 2^6\})$	513589248
12	$\mathcal{O}(3; \{6^8, 4^2, 3^3, 2^2\})$	4072882176
12	$\mathcal{O}(3; \{6^8, 4^4, 2^3\})$	2054356992
12	$\mathcal{O}(3; \{6^8, 4^6\})$	8217427968
12	$\mathcal{O}(3; \{6^9, 4^2, 3, 2^3\})$	2042413056
12	$\mathcal{O}(3; \{6^9, 4^4, 3\})$	8169652224
12	$\mathcal{O}(3; \{6^{10}, 4^2, 3^2\})$	8157708288
12	$\mathcal{O}(3; \{6^{11}, 4^2, 2\})$	4072882176
12	$\mathcal{O}(3; \{12, 4, 3^3, 2^{15}\})$	35831808
12	$\mathcal{O}(3; \{12, 4, 3^6, 2^{11}\})$	250822656
12	$\mathcal{O}(3; \{12, 4, 3^9, 2^7\})$	2042413056
12	$\mathcal{O}(3; \{12, 4, 3^{12}, 2^3\})$	16303472640
12	$\mathcal{O}(3; \{12, 4^3, 3^3, 2^{12}\})$	143327232
12	$\mathcal{O}(3; \{12, 4^3, 3^6, 2^8\})$	1003290624
12	$\mathcal{O}(3; \{12, 4^3, 3^9, 2^4\})$	8169652224
12	$\mathcal{O}(3; \{12, 4^3, 3^{12}\})$	65213890560
12	$\mathcal{O}(3; \{12, 4^5, 3^3, 2^9\})$	573308928
12	$\mathcal{O}(3; \{12, 4^5, 3^6, 2^5\})$	4013162496
12	$\mathcal{O}(3; \{12, 4^5, 3^9, 2\})$	32678608896
12	$\mathcal{O}(3; \{12, 4^7, 3^3, 2^6\})$	2293235712
12	$\mathcal{O}(3; \{12, 4^7, 3^6, 2^2\})$	16052649984
12	$\mathcal{O}(3; \{12, 4^9, 3^3, 2^3\})$	9172942848
12	$\mathcal{O}(3; \{12, 4^{11}, 3^3\})$	36691771392
12	$\mathcal{O}(3; \{12, 6, 4, 3, 2^{16}\})$	11943936
12	$\mathcal{O}(3; \{12, 6, 4, 3^4, 2^{12}\})$	131383296
12	$\mathcal{O}(3; \{12, 6, 4, 3^7, 2^8\})$	1015234560
12	$\mathcal{O}(3; \{12, 6, 4, 3^{10}, 2^4\})$	8157708288
12	$\mathcal{O}(3; \{12, 6, 4, 3^{13}\})$	65225834496
12	$\mathcal{O}(3; \{12, 6, 4^3, 3, 2^{13}\})$	47775744
12	$\mathcal{O}(3; \{12, 6, 4^3, 3^4, 2^9\})$	525533184
12	$\mathcal{O}(3; \{12, 6, 4^3, 3^7, 2^5\})$	4060938240
12	$\mathcal{O}(3; \{12, 6, 4^3, 3^{10}, 2\})$	32630833152
12	$\mathcal{O}(3; \{12, 6, 4^5, 3, 2^{10}\})$	191102976
12	$\mathcal{O}(3; \{12, 6, 4^5, 3^4, 2^6\})$	2102132736
12	$\mathcal{O}(3; \{12, 6, 4^5, 3^7, 2^2\})$	16243752960
12	$\mathcal{O}(3; \{12, 6, 4^7, 3, 2^7\})$	764411904

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12, 6, 4^7, 3^4, 2^3\})$	8408530944
12	$\mathcal{O}(3; \{12, 6, 4^9, 3, 2^4\})$	3057647616
12	$\mathcal{O}(3; \{12, 6, 4^9, 3^4\})$	33634123776
12	$\mathcal{O}(3; \{12, 6, 4^{11}, 3, 2\})$	12230590464
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^2, 2^{13}\})$	59719680
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^5, 2^9\})$	513589248
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^8, 2^5\})$	4072882176
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^{11}, 2\})$	32618889216
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 3^2, 2^{10}\})$	238878720
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 3^5, 2^6\})$	2054356992
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 3^8, 2^2\})$	16291528704
12	$\mathcal{O}(3; \{12, 6^2, 4^5, 3^2, 2^7\})$	955514880
12	$\mathcal{O}(3; \{12, 6^2, 4^5, 3^5, 2^3\})$	8217427968
12	$\mathcal{O}(3; \{12, 6^2, 4^7, 3^2, 2^4\})$	3822059520
12	$\mathcal{O}(3; \{12, 6^2, 4^7, 3^5\})$	32869711872
12	$\mathcal{O}(3; \{12, 6^2, 4^9, 3^2, 2\})$	15288238080
12	$\mathcal{O}(3; \{12, 6^3, 4, 2^{14}\})$	35831808
12	$\mathcal{O}(3; \{12, 6^3, 4, 3^3, 2^{10}\})$	250822656
12	$\mathcal{O}(3; \{12, 6^3, 4, 3^6, 2^6\})$	2042413056
12	$\mathcal{O}(3; \{12, 6^3, 4, 3^9, 2^2\})$	16303472640
12	$\mathcal{O}(3; \{12, 6^3, 4^3, 2^{11}\})$	143327232
12	$\mathcal{O}(3; \{12, 6^3, 4^3, 3^3, 2^7\})$	1003290624
12	$\mathcal{O}(3; \{12, 6^3, 4^3, 3^6, 2^3\})$	8169652224
12	$\mathcal{O}(3; \{12, 6^3, 4^5, 2^8\})$	573308928
12	$\mathcal{O}(3; \{12, 6^3, 4^5, 3^3, 2^4\})$	4013162496
12	$\mathcal{O}(3; \{12, 6^3, 4^5, 3^6\})$	32678608896
12	$\mathcal{O}(3; \{12, 6^3, 4^7, 2^5\})$	2293235712
12	$\mathcal{O}(3; \{12, 6^3, 4^7, 3^3, 2\})$	16052649984
12	$\mathcal{O}(3; \{12, 6^3, 4^9, 2^2\})$	9172942848
12	$\mathcal{O}(3; \{12, 6^4, 4, 3, 2^{11}\})$	131383296
12	$\mathcal{O}(3; \{12, 6^4, 4, 3^4, 2^7\})$	1015234560
12	$\mathcal{O}(3; \{12, 6^4, 4, 3^7, 2^3\})$	8157708288
12	$\mathcal{O}(3; \{12, 6^4, 4^3, 3, 2^8\})$	525533184
12	$\mathcal{O}(3; \{12, 6^4, 4^3, 3^4, 2^4\})$	4060938240
12	$\mathcal{O}(3; \{12, 6^4, 4^3, 3^7\})$	32630833152
12	$\mathcal{O}(3; \{12, 6^4, 4^5, 3, 2^5\})$	2102132736
12	$\mathcal{O}(3; \{12, 6^4, 4^5, 3^4, 2\})$	16243752960
12	$\mathcal{O}(3; \{12, 6^4, 4^7, 3, 2^2\})$	8408530944
12	$\mathcal{O}(3; \{12, 6^5, 4, 3^2, 2^8\})$	513589248
12	$\mathcal{O}(3; \{12, 6^5, 4, 3^5, 2^4\})$	4072882176
12	$\mathcal{O}(3; \{12, 6^5, 4, 3^8\})$	32618889216
12	$\mathcal{O}(3; \{12, 6^5, 4^3, 3^2, 2^5\})$	2054356992
12	$\mathcal{O}(3; \{12, 6^5, 4^3, 3^5, 2\})$	16291528704

Continued on next page

Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12, 6^5, 4^5, 3^2, 2^2\})$	8217427968
12	$\mathcal{O}(3; \{12, 6^6, 4, 2^9\})$	250822656
12	$\mathcal{O}(3; \{12, 6^6, 4, 3^3, 2^5\})$	2042413056
12	$\mathcal{O}(3; \{12, 6^6, 4, 3^6, 2\})$	16303472640
12	$\mathcal{O}(3; \{12, 6^6, 4^3, 2^6\})$	1003290624
12	$\mathcal{O}(3; \{12, 6^6, 4^3, 3^3, 2^2\})$	8169652224
12	$\mathcal{O}(3; \{12, 6^6, 4^5, 2^3\})$	4013162496
12	$\mathcal{O}(3; \{12, 6^6, 4^7\})$	16052649984
12	$\mathcal{O}(3; \{12, 6^7, 4, 3, 2^6\})$	1015234560
12	$\mathcal{O}(3; \{12, 6^7, 4, 3^4, 2^2\})$	8157708288
12	$\mathcal{O}(3; \{12, 6^7, 4^3, 3, 2^3\})$	4060938240
12	$\mathcal{O}(3; \{12, 6^7, 4^5, 3\})$	16243752960
12	$\mathcal{O}(3; \{12, 6^8, 4, 3^2, 2^3\})$	4072882176
12	$\mathcal{O}(3; \{12, 6^8, 4^3, 3^2\})$	16291528704
12	$\mathcal{O}(3; \{12, 6^9, 4, 2^4\})$	2042413056
12	$\mathcal{O}(3; \{12, 6^9, 4, 3^3\})$	16303472640
12	$\mathcal{O}(3; \{12, 6^9, 4^3, 2\})$	8169652224
12	$\mathcal{O}(3; \{12, 6^{10}, 4, 3, 2\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 3^2, 2^{16}\})$	35831808
12	$\mathcal{O}(3; \{12^2, 3^5, 2^{12}\})$	250822656
12	$\mathcal{O}(3; \{12^2, 3^8, 2^8\})$	2042413056
12	$\mathcal{O}(3; \{12^2, 3^{11}, 2^4\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 3^{14}\})$	130463612928
12	$\mathcal{O}(3; \{12^2, 4^2, 3^2, 2^{13}\})$	143327232
12	$\mathcal{O}(3; \{12^2, 4^2, 3^5, 2^9\})$	1003290624
12	$\mathcal{O}(3; \{12^2, 4^2, 3^8, 2^5\})$	8169652224
12	$\mathcal{O}(3; \{12^2, 4^2, 3^{11}, 2\})$	65213890560
12	$\mathcal{O}(3; \{12^2, 4^4, 3^2, 2^{10}\})$	573308928
12	$\mathcal{O}(3; \{12^2, 4^4, 3^5, 2^6\})$	4013162496
12	$\mathcal{O}(3; \{12^2, 4^4, 3^8, 2^2\})$	32678608896
12	$\mathcal{O}(3; \{12^2, 4^6, 3^2, 2^7\})$	2293235712
12	$\mathcal{O}(3; \{12^2, 4^6, 3^5, 2^3\})$	16052649984
12	$\mathcal{O}(3; \{12^2, 4^8, 3^2, 2^4\})$	9172942848
12	$\mathcal{O}(3; \{12^2, 4^8, 3^5\})$	64210599936
12	$\mathcal{O}(3; \{12^2, 4^{10}, 3^2, 2\})$	36691771392
12	$\mathcal{O}(3; \{12^2, 6, 2^{17}\})$	11943936
12	$\mathcal{O}(3; \{12^2, 6, 3^3, 2^{13}\})$	131383296
12	$\mathcal{O}(3; \{12^2, 6, 3^6, 2^9\})$	1015234560
12	$\mathcal{O}(3; \{12^2, 6, 3^9, 2^5\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 6, 3^{12}, 2\})$	65225834496
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 2^{14}\})$	47775744
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3^3, 2^{10}\})$	525533184
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3^6, 2^6\})$	4060938240

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3^9, 2^2\})$	32630833152
12	$\mathcal{O}(3; \{12^2, 6, 4^4, 2^{11}\})$	191102976
12	$\mathcal{O}(3; \{12^2, 6, 4^4, 3^3, 2^7\})$	2102132736
12	$\mathcal{O}(3; \{12^2, 6, 4^4, 3^6, 2^3\})$	16243752960
12	$\mathcal{O}(3; \{12^2, 6, 4^6, 2^8\})$	764411904
12	$\mathcal{O}(3; \{12^2, 6, 4^6, 3^3, 2^4\})$	8408530944
12	$\mathcal{O}(3; \{12^2, 6, 4^6, 3^6\})$	64975011840
12	$\mathcal{O}(3; \{12^2, 6, 4^8, 2^5\})$	3057647616
12	$\mathcal{O}(3; \{12^2, 6, 4^8, 3^3, 2\})$	33634123776
12	$\mathcal{O}(3; \{12^2, 6, 4^{10}, 2^2\})$	12230590464
12	$\mathcal{O}(3; \{12^2, 6^2, 3, 2^{14}\})$	59719680
12	$\mathcal{O}(3; \{12^2, 6^2, 3^4, 2^{10}\})$	513589248
12	$\mathcal{O}(3; \{12^2, 6^2, 3^7, 2^6\})$	4072882176
12	$\mathcal{O}(3; \{12^2, 6^2, 3^{10}, 2^2\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 3, 2^{11}\})$	238878720
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 3^4, 2^7\})$	2054356992
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 3^7, 2^3\})$	16291528704
12	$\mathcal{O}(3; \{12^2, 6^2, 4^4, 3, 2^8\})$	955514880
12	$\mathcal{O}(3; \{12^2, 6^2, 4^4, 3^4, 2^4\})$	8217427968
12	$\mathcal{O}(3; \{12^2, 6^2, 4^4, 3^7\})$	65166114816
12	$\mathcal{O}(3; \{12^2, 6^2, 4^6, 3, 2^5\})$	3822059520
12	$\mathcal{O}(3; \{12^2, 6^2, 4^6, 3^4, 2\})$	32869711872
12	$\mathcal{O}(3; \{12^2, 6^2, 4^8, 3, 2^2\})$	15288238080
12	$\mathcal{O}(3; \{12^2, 6^3, 3^2, 2^{11}\})$	250822656
12	$\mathcal{O}(3; \{12^2, 6^3, 3^5, 2^7\})$	2042413056
12	$\mathcal{O}(3; \{12^2, 6^3, 3^8, 2^3\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 6^3, 4^2, 3^2, 2^8\})$	1003290624
12	$\mathcal{O}(3; \{12^2, 6^3, 4^2, 3^5, 2^4\})$	8169652224
12	$\mathcal{O}(3; \{12^2, 6^3, 4^2, 3^8\})$	65213890560
12	$\mathcal{O}(3; \{12^2, 6^3, 4^4, 3^2, 2^5\})$	4013162496
12	$\mathcal{O}(3; \{12^2, 6^3, 4^4, 3^5, 2\})$	32678608896
12	$\mathcal{O}(3; \{12^2, 6^3, 4^6, 3^2, 2^2\})$	16052649984
12	$\mathcal{O}(3; \{12^2, 6^4, 2^{12}\})$	131383296
12	$\mathcal{O}(3; \{12^2, 6^4, 3^3, 2^8\})$	1015234560
12	$\mathcal{O}(3; \{12^2, 6^4, 3^6, 2^4\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 6^4, 3^9\})$	65225834496
12	$\mathcal{O}(3; \{12^2, 6^4, 4^2, 2^9\})$	525533184
12	$\mathcal{O}(3; \{12^2, 6^4, 4^2, 3^3, 2^5\})$	4060938240
12	$\mathcal{O}(3; \{12^2, 6^4, 4^2, 3^6, 2\})$	32630833152
12	$\mathcal{O}(3; \{12^2, 6^4, 4^4, 2^6\})$	2102132736
12	$\mathcal{O}(3; \{12^2, 6^4, 4^4, 3^3, 2^2\})$	16243752960
12	$\mathcal{O}(3; \{12^2, 6^4, 4^6, 2^3\})$	8408530944
12	$\mathcal{O}(3; \{12^2, 6^4, 4^8\})$	33634123776

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^2, 6^5, 3, 2^9\})$	513589248
12	$\mathcal{O}(3; \{12^2, 6^5, 3^4, 2^5\})$	4072882176
12	$\mathcal{O}(3; \{12^2, 6^5, 3^7, 2\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 6^5, 4^2, 3, 2^6\})$	2054356992
12	$\mathcal{O}(3; \{12^2, 6^5, 4^2, 3^4, 2^2\})$	16291528704
12	$\mathcal{O}(3; \{12^2, 6^5, 4^4, 3, 2^3\})$	8217427968
12	$\mathcal{O}(3; \{12^2, 6^5, 4^6, 3\})$	32869711872
12	$\mathcal{O}(3; \{12^2, 6^6, 3^2, 2^6\})$	2042413056
12	$\mathcal{O}(3; \{12^2, 6^6, 3^5, 2^2\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 6^6, 4^2, 3^2, 2^3\})$	8169652224
12	$\mathcal{O}(3; \{12^2, 6^6, 4^4, 3^2\})$	32678608896
12	$\mathcal{O}(3; \{12^2, 6^7, 2^7\})$	1015234560
12	$\mathcal{O}(3; \{12^2, 6^7, 3^3, 2^3\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 6^7, 4^2, 2^4\})$	4060938240
12	$\mathcal{O}(3; \{12^2, 6^7, 4^2, 3^3\})$	32630833152
12	$\mathcal{O}(3; \{12^2, 6^7, 4^4, 2\})$	16243752960
12	$\mathcal{O}(3; \{12^2, 6^8, 3, 2^4\})$	4072882176
12	$\mathcal{O}(3; \{12^2, 6^8, 3^4\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 6^8, 4^2, 3, 2\})$	16291528704
12	$\mathcal{O}(3; \{12^2, 6^9, 3^2, 2\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 6^{10}, 2^2\})$	8157708288
12	$\mathcal{O}(3; \{12^3, 4, 3, 2^{14}\})$	143327232
12	$\mathcal{O}(3; \{12^3, 4, 3^4, 2^{10}\})$	1003290624
12	$\mathcal{O}(3; \{12^3, 4, 3^7, 2^6\})$	8169652224
12	$\mathcal{O}(3; \{12^3, 4, 3^{10}, 2^2\})$	65213890560
12	$\mathcal{O}(3; \{12^3, 4^3, 3, 2^{11}\})$	573308928
12	$\mathcal{O}(3; \{12^3, 4^3, 3^4, 2^7\})$	4013162496
12	$\mathcal{O}(3; \{12^3, 4^3, 3^7, 2^3\})$	32678608896
12	$\mathcal{O}(3; \{12^3, 4^5, 3, 2^8\})$	2293235712
12	$\mathcal{O}(3; \{12^3, 4^5, 3^4, 2^4\})$	16052649984
12	$\mathcal{O}(3; \{12^3, 4^5, 3^7\})$	130714435584
12	$\mathcal{O}(3; \{12^3, 4^7, 3, 2^5\})$	9172942848
12	$\mathcal{O}(3; \{12^3, 4^7, 3^4, 2\})$	64210599936
12	$\mathcal{O}(3; \{12^3, 4^9, 3, 2^2\})$	36691771392
12	$\mathcal{O}(3; \{12^3, 6, 4, 3^2, 2^{11}\})$	525533184
12	$\mathcal{O}(3; \{12^3, 6, 4, 3^5, 2^7\})$	4060938240
12	$\mathcal{O}(3; \{12^3, 6, 4, 3^8, 2^3\})$	32630833152
12	$\mathcal{O}(3; \{12^3, 6, 4^3, 3^2, 2^8\})$	2102132736
12	$\mathcal{O}(3; \{12^3, 6, 4^3, 3^5, 2^4\})$	16243752960
12	$\mathcal{O}(3; \{12^3, 6, 4^3, 3^8\})$	130523332608
12	$\mathcal{O}(3; \{12^3, 6, 4^5, 3^2, 2^5\})$	8408530944
12	$\mathcal{O}(3; \{12^3, 6, 4^5, 3^5, 2\})$	64975011840
12	$\mathcal{O}(3; \{12^3, 6, 4^7, 3^2, 2^2\})$	33634123776

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 2^{12}\})$	238878720
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 3^3, 2^8\})$	2054356992
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 3^6, 2^4\})$	16291528704
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 3^9\})$	130475556864
12	$\mathcal{O}(3; \{12^3, 6^2, 4^3, 2^9\})$	955514880
12	$\mathcal{O}(3; \{12^3, 6^2, 4^3, 3^3, 2^5\})$	8217427968
12	$\mathcal{O}(3; \{12^3, 6^2, 4^3, 3^6, 2\})$	65166114816
12	$\mathcal{O}(3; \{12^3, 6^2, 4^5, 2^6\})$	3822059520
12	$\mathcal{O}(3; \{12^3, 6^2, 4^5, 3^3, 2^2\})$	32869711872
12	$\mathcal{O}(3; \{12^3, 6^2, 4^7, 2^3\})$	15288238080
12	$\mathcal{O}(3; \{12^3, 6^2, 4^9\})$	61152952320
12	$\mathcal{O}(3; \{12^3, 6^3, 4, 3, 2^9\})$	1003290624
12	$\mathcal{O}(3; \{12^3, 6^3, 4, 3^4, 2^5\})$	8169652224
12	$\mathcal{O}(3; \{12^3, 6^3, 4, 3^7, 2\})$	65213890560
12	$\mathcal{O}(3; \{12^3, 6^3, 4^3, 3, 2^6\})$	4013162496
12	$\mathcal{O}(3; \{12^3, 6^3, 4^3, 3^4, 2^2\})$	32678608896
12	$\mathcal{O}(3; \{12^3, 6^3, 4^5, 3, 2^3\})$	16052649984
12	$\mathcal{O}(3; \{12^3, 6^3, 4^7, 3\})$	64210599936
12	$\mathcal{O}(3; \{12^3, 6^4, 4, 3^2, 2^6\})$	4060938240
12	$\mathcal{O}(3; \{12^3, 6^4, 4, 3^5, 2^2\})$	32630833152
12	$\mathcal{O}(3; \{12^3, 6^4, 4^3, 3^2, 2^3\})$	16243752960
12	$\mathcal{O}(3; \{12^3, 6^4, 4^5, 3^2\})$	64975011840
12	$\mathcal{O}(3; \{12^3, 6^5, 4, 2^7\})$	2054356992
12	$\mathcal{O}(3; \{12^3, 6^5, 4, 3^3, 2^3\})$	16291528704
12	$\mathcal{O}(3; \{12^3, 6^5, 4^3, 2^4\})$	8217427968
12	$\mathcal{O}(3; \{12^3, 6^5, 4^3, 3^3\})$	65166114816
12	$\mathcal{O}(3; \{12^3, 6^5, 4^5, 2\})$	32869711872
12	$\mathcal{O}(3; \{12^3, 6^6, 4, 3, 2^4\})$	8169652224
12	$\mathcal{O}(3; \{12^3, 6^6, 4, 3^4\})$	65213890560
12	$\mathcal{O}(3; \{12^3, 6^6, 4^3, 3, 2\})$	32678608896
12	$\mathcal{O}(3; \{12^3, 6^7, 4, 3^2, 2\})$	32630833152
12	$\mathcal{O}(3; \{12^3, 6^8, 4, 2^2\})$	16291528704
12	$\mathcal{O}(3; \{12^4, 2^{15}\})$	143327232
12	$\mathcal{O}(3; \{12^4, 3^3, 2^{11}\})$	1003290624
12	$\mathcal{O}(3; \{12^4, 3^6, 2^7\})$	8169652224
12	$\mathcal{O}(3; \{12^4, 3^9, 2^3\})$	65213890560
12	$\mathcal{O}(3; \{12^4, 4^2, 2^{12}\})$	573308928
12	$\mathcal{O}(3; \{12^4, 4^2, 3^3, 2^8\})$	4013162496
12	$\mathcal{O}(3; \{12^4, 4^2, 3^6, 2^4\})$	32678608896
12	$\mathcal{O}(3; \{12^4, 4^2, 3^9\})$	260855562240
12	$\mathcal{O}(3; \{12^4, 4^4, 2^9\})$	2293235712
12	$\mathcal{O}(3; \{12^4, 4^4, 3^3, 2^5\})$	16052649984
12	$\mathcal{O}(3; \{12^4, 4^4, 3^6, 2\})$	130714435584

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^4, 4^6, 2^6\})$	9172942848
12	$\mathcal{O}(3; \{12^4, 4^6, 3^3, 2^2\})$	64210599936
12	$\mathcal{O}(3; \{12^4, 4^8, 2^3\})$	36691771392
12	$\mathcal{O}(3; \{12^4, 4^{10}\})$	146767085568
12	$\mathcal{O}(3; \{12^4, 6, 3, 2^{12}\})$	525533184
12	$\mathcal{O}(3; \{12^4, 6, 3^4, 2^8\})$	4060938240
12	$\mathcal{O}(3; \{12^4, 6, 3^7, 2^4\})$	32630833152
12	$\mathcal{O}(3; \{12^4, 6, 3^{10}\})$	260903337984
12	$\mathcal{O}(3; \{12^4, 6, 4^2, 3, 2^9\})$	2102132736
12	$\mathcal{O}(3; \{12^4, 6, 4^2, 3^4, 2^5\})$	16243752960
12	$\mathcal{O}(3; \{12^4, 6, 4^2, 3^7, 2\})$	130523332608
12	$\mathcal{O}(3; \{12^4, 6, 4^4, 3, 2^6\})$	8408530944
12	$\mathcal{O}(3; \{12^4, 6, 4^4, 3^4, 2^2\})$	64975011840
12	$\mathcal{O}(3; \{12^4, 6, 4^6, 3, 2^3\})$	33634123776
12	$\mathcal{O}(3; \{12^4, 6, 4^8, 3\})$	134536495104
12	$\mathcal{O}(3; \{12^4, 6^2, 3^2, 2^9\})$	2054356992
12	$\mathcal{O}(3; \{12^4, 6^2, 3^5, 2^5\})$	16291528704
12	$\mathcal{O}(3; \{12^4, 6^2, 3^8, 2\})$	130475556864
12	$\mathcal{O}(3; \{12^4, 6^2, 4^2, 3^2, 2^6\})$	8217427968
12	$\mathcal{O}(3; \{12^4, 6^2, 4^2, 3^5, 2^2\})$	65166114816
12	$\mathcal{O}(3; \{12^4, 6^2, 4^4, 3^2, 2^3\})$	32869711872
12	$\mathcal{O}(3; \{12^4, 6^2, 4^6, 3^2\})$	131478847488
12	$\mathcal{O}(3; \{12^4, 6^3, 2^{10}\})$	1003290624
12	$\mathcal{O}(3; \{12^4, 6^3, 3^3, 2^6\})$	8169652224
12	$\mathcal{O}(3; \{12^4, 6^3, 3^6, 2^2\})$	65213890560
12	$\mathcal{O}(3; \{12^4, 6^3, 4^2, 2^7\})$	4013162496
12	$\mathcal{O}(3; \{12^4, 6^3, 4^2, 3^3, 2^3\})$	32678608896
12	$\mathcal{O}(3; \{12^4, 6^3, 4^4, 2^4\})$	16052649984
12	$\mathcal{O}(3; \{12^4, 6^3, 4^4, 3^3\})$	130714435584
12	$\mathcal{O}(3; \{12^4, 6^3, 4^6, 2\})$	64210599936
12	$\mathcal{O}(3; \{12^4, 6^4, 3, 2^7\})$	4060938240
12	$\mathcal{O}(3; \{12^4, 6^4, 3^4, 2^3\})$	32630833152
12	$\mathcal{O}(3; \{12^4, 6^4, 4^2, 3, 2^4\})$	16243752960
12	$\mathcal{O}(3; \{12^4, 6^4, 4^2, 3^4\})$	130523332608
12	$\mathcal{O}(3; \{12^4, 6^4, 4^4, 3, 2\})$	64975011840
12	$\mathcal{O}(3; \{12^4, 6^5, 3^2, 2^4\})$	16291528704
12	$\mathcal{O}(3; \{12^4, 6^5, 3^5\})$	130475556864
12	$\mathcal{O}(3; \{12^4, 6^5, 4^2, 3^2, 2\})$	65166114816
12	$\mathcal{O}(3; \{12^4, 6^6, 2^5\})$	8169652224
12	$\mathcal{O}(3; \{12^4, 6^6, 3^3, 2\})$	65213890560
12	$\mathcal{O}(3; \{12^4, 6^6, 4^2, 2^2\})$	32678608896
12	$\mathcal{O}(3; \{12^4, 6^7, 3, 2^2\})$	32630833152
12	$\mathcal{O}(3; \{12^4, 6^9\})$	65213890560

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^5, 4, 3^2, 2^9\})$	4013162496
12	$\mathcal{O}(3; \{12^5, 4, 3^5, 2^5\})$	32678608896
12	$\mathcal{O}(3; \{12^5, 4, 3^8, 2\})$	260855562240
12	$\mathcal{O}(3; \{12^5, 4^3, 3^2, 2^6\})$	16052649984
12	$\mathcal{O}(3; \{12^5, 4^3, 3^5, 2^2\})$	130714435584
12	$\mathcal{O}(3; \{12^5, 4^5, 3^2, 2^3\})$	64210599936
12	$\mathcal{O}(3; \{12^5, 4^7, 3^2\})$	256842399744
12	$\mathcal{O}(3; \{12^5, 6, 4, 2^{10}\})$	2102132736
12	$\mathcal{O}(3; \{12^5, 6, 4, 3^3, 2^6\})$	16243752960
12	$\mathcal{O}(3; \{12^5, 6, 4, 3^6, 2^2\})$	130523332608
12	$\mathcal{O}(3; \{12^5, 6, 4^3, 2^7\})$	8408530944
12	$\mathcal{O}(3; \{12^5, 6, 4^3, 3^3, 2^3\})$	64975011840
12	$\mathcal{O}(3; \{12^5, 6, 4^5, 2^4\})$	33634123776
12	$\mathcal{O}(3; \{12^5, 6, 4^5, 3^3\})$	259900047360
12	$\mathcal{O}(3; \{12^5, 6, 4^7, 2\})$	134536495104
12	$\mathcal{O}(3; \{12^5, 6^2, 4, 3, 2^7\})$	8217427968
12	$\mathcal{O}(3; \{12^5, 6^2, 4, 3^4, 2^3\})$	65166114816
12	$\mathcal{O}(3; \{12^5, 6^2, 4^3, 3, 2^4\})$	32869711872
12	$\mathcal{O}(3; \{12^5, 6^2, 4^3, 3^4\})$	260664459264
12	$\mathcal{O}(3; \{12^5, 6^2, 4^5, 3, 2\})$	131478847488
12	$\mathcal{O}(3; \{12^5, 6^3, 4, 3^2, 2^4\})$	32678608896
12	$\mathcal{O}(3; \{12^5, 6^3, 4, 3^5\})$	260855562240
12	$\mathcal{O}(3; \{12^5, 6^3, 4^3, 3^2, 2\})$	130714435584
12	$\mathcal{O}(3; \{12^5, 6^4, 4, 2^5\})$	16243752960
12	$\mathcal{O}(3; \{12^5, 6^4, 4, 3^3, 2\})$	130523332608
12	$\mathcal{O}(3; \{12^5, 6^4, 4^3, 2^2\})$	64975011840
12	$\mathcal{O}(3; \{12^5, 6^5, 4, 3, 2^2\})$	65166114816
12	$\mathcal{O}(3; \{12^5, 6^7, 4\})$	130523332608
12	$\mathcal{O}(3; \{12^6, 3, 2^{10}\})$	4013162496
12	$\mathcal{O}(3; \{12^6, 3^4, 2^6\})$	32678608896
12	$\mathcal{O}(3; \{12^6, 3^7, 2^2\})$	260855562240
12	$\mathcal{O}(3; \{12^6, 4^2, 3, 2^7\})$	16052649984
12	$\mathcal{O}(3; \{12^6, 4^2, 3^4, 2^3\})$	130714435584
12	$\mathcal{O}(3; \{12^6, 4^4, 3, 2^4\})$	64210599936
12	$\mathcal{O}(3; \{12^6, 4^4, 3^4\})$	522857742336
12	$\mathcal{O}(3; \{12^6, 4^6, 3, 2\})$	256842399744
12	$\mathcal{O}(3; \{12^6, 6, 3^2, 2^7\})$	16243752960
12	$\mathcal{O}(3; \{12^6, 6, 3^5, 2^3\})$	130523332608
12	$\mathcal{O}(3; \{12^6, 6, 4^2, 3^2, 2^4\})$	64975011840
12	$\mathcal{O}(3; \{12^6, 6, 4^2, 3^5\})$	522093330432
12	$\mathcal{O}(3; \{12^6, 6, 4^4, 3^2, 2\})$	259900047360
12	$\mathcal{O}(3; \{12^6, 6^2, 2^8\})$	8217427968
12	$\mathcal{O}(3; \{12^6, 6^2, 3^3, 2^4\})$	65166114816

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^6, 6^2, 3^6\})$	521902227456
12	$\mathcal{O}(3; \{12^6, 6^2, 4^2, 2^5\})$	32869711872
12	$\mathcal{O}(3; \{12^6, 6^2, 4^2, 3^3, 2\})$	260664459264
12	$\mathcal{O}(3; \{12^6, 6^2, 4^4, 2^2\})$	131478847488
12	$\mathcal{O}(3; \{12^6, 6^3, 3, 2^5\})$	32678608896
12	$\mathcal{O}(3; \{12^6, 6^3, 3^4, 2\})$	260855562240
12	$\mathcal{O}(3; \{12^6, 6^3, 4^2, 3, 2^2\})$	130714435584
12	$\mathcal{O}(3; \{12^6, 6^4, 3^2, 2^2\})$	130523332608
12	$\mathcal{O}(3; \{12^6, 6^5, 2^3\})$	65166114816
12	$\mathcal{O}(3; \{12^6, 6^5, 4^2\})$	260664459264
12	$\mathcal{O}(3; \{12^6, 6^6, 3\})$	260855562240
12	$\mathcal{O}(3; \{12^7, 4, 2^8\})$	16052649984
12	$\mathcal{O}(3; \{12^7, 4, 3^3, 2^4\})$	130714435584
12	$\mathcal{O}(3; \{12^7, 4, 3^6\})$	1043422248960
12	$\mathcal{O}(3; \{12^7, 4^3, 2^5\})$	64210599936
12	$\mathcal{O}(3; \{12^7, 4^3, 3^3, 2\})$	522857742336
12	$\mathcal{O}(3; \{12^7, 4^5, 2^2\})$	256842399744
12	$\mathcal{O}(3; \{12^7, 6, 4, 3, 2^5\})$	64975011840
12	$\mathcal{O}(3; \{12^7, 6, 4, 3^4, 2\})$	522093330432
12	$\mathcal{O}(3; \{12^7, 6, 4^3, 3, 2^2\})$	259900047360
12	$\mathcal{O}(3; \{12^7, 6^2, 4, 3^2, 2^2\})$	260664459264
12	$\mathcal{O}(3; \{12^7, 6^3, 4, 2^3\})$	130714435584
12	$\mathcal{O}(3; \{12^7, 6^3, 4^3\})$	522857742336
12	$\mathcal{O}(3; \{12^7, 6^4, 4, 3\})$	522093330432
12	$\mathcal{O}(3; \{12^8, 3^2, 2^5\})$	130714435584
12	$\mathcal{O}(3; \{12^8, 3^5, 2\})$	1043422248960
12	$\mathcal{O}(3; \{12^8, 4^2, 3^2, 2^2\})$	522857742336
12	$\mathcal{O}(3; \{12^8, 6, 2^6\})$	64975011840
12	$\mathcal{O}(3; \{12^8, 6, 3^3, 2^2\})$	522093330432
12	$\mathcal{O}(3; \{12^8, 6, 4^2, 2^3\})$	259900047360
12	$\mathcal{O}(3; \{12^8, 6, 4^4\})$	1039600189440
12	$\mathcal{O}(3; \{12^8, 6^2, 3, 2^3\})$	260664459264
12	$\mathcal{O}(3; \{12^8, 6^2, 4^2, 3\})$	1042657837056
12	$\mathcal{O}(3; \{12^8, 6^3, 3^2\})$	1043422248960
12	$\mathcal{O}(3; \{12^8, 6^4, 2\})$	522093330432
12	$\mathcal{O}(3; \{12^9, 4, 3, 2^3\})$	522857742336
12	$\mathcal{O}(3; \{12^9, 4^3, 3\})$	2091430969344
12	$\mathcal{O}(3; \{12^9, 6, 4, 3^2\})$	2088373321728
12	$\mathcal{O}(3; \{12^9, 6^2, 4, 2\})$	1042657837056
12	$\mathcal{O}(3; \{12^{10}, 2^4\})$	522857742336
12	$\mathcal{O}(3; \{12^{10}, 3^3\})$	4173688995840
12	$\mathcal{O}(3; \{12^{10}, 4^2, 2\})$	2091430969344
12	$\mathcal{O}(3; \{12^{10}, 6, 3, 2\})$	2088373321728

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{4^2, 3^4, 2^{18}\})$	248832
12	$\mathcal{O}(2; \{4^2, 3^7, 2^{14}\})$	1741824
12	$\mathcal{O}(2; \{4^2, 3^{10}, 2^{10}\})$	14183424
12	$\mathcal{O}(2; \{4^2, 3^{13}, 2^6\})$	113218560
12	$\mathcal{O}(2; \{4^2, 3^{16}, 2^2\})$	905997312
12	$\mathcal{O}(2; \{4^4, 3^4, 2^{15}\})$	995328
12	$\mathcal{O}(2; \{4^4, 3^7, 2^{11}\})$	6967296
12	$\mathcal{O}(2; \{4^4, 3^{10}, 2^7\})$	56733696
12	$\mathcal{O}(2; \{4^4, 3^{13}, 2^3\})$	452874240
12	$\mathcal{O}(2; \{4^6, 3^4, 2^{12}\})$	3981312
12	$\mathcal{O}(2; \{4^6, 3^7, 2^8\})$	27869184
12	$\mathcal{O}(2; \{4^6, 3^{10}, 2^4\})$	226934784
12	$\mathcal{O}(2; \{4^6, 3^{13}\})$	1811496960
12	$\mathcal{O}(2; \{4^8, 3^4, 2^9\})$	15925248
12	$\mathcal{O}(2; \{4^8, 3^7, 2^5\})$	111476736
12	$\mathcal{O}(2; \{4^8, 3^{10}, 2\})$	907739136
12	$\mathcal{O}(2; \{4^{10}, 3^4, 2^6\})$	63700992
12	$\mathcal{O}(2; \{4^{10}, 3^7, 2^2\})$	445906944
12	$\mathcal{O}(2; \{4^{12}, 3^4, 2^3\})$	254803968
12	$\mathcal{O}(2; \{4^{14}, 3^4\})$	1019215872
12	$\mathcal{O}(2; \{6, 4^2, 3^2, 2^{19}\})$	82944
12	$\mathcal{O}(2; \{6, 4^2, 3^5, 2^{15}\})$	912384
12	$\mathcal{O}(2; \{6, 4^2, 3^8, 2^{11}\})$	7050240
12	$\mathcal{O}(2; \{6, 4^2, 3^{11}, 2^7\})$	56650752
12	$\mathcal{O}(2; \{6, 4^2, 3^{14}, 2^3\})$	452957184
12	$\mathcal{O}(2; \{6, 4^4, 3^2, 2^{16}\})$	331776
12	$\mathcal{O}(2; \{6, 4^4, 3^5, 2^{12}\})$	3649536
12	$\mathcal{O}(2; \{6, 4^4, 3^8, 2^8\})$	28200960
12	$\mathcal{O}(2; \{6, 4^4, 3^{11}, 2^4\})$	226603008
12	$\mathcal{O}(2; \{6, 4^4, 3^{14}\})$	1811828736
12	$\mathcal{O}(2; \{6, 4^6, 3^2, 2^{13}\})$	1327104
12	$\mathcal{O}(2; \{6, 4^6, 3^5, 2^9\})$	14598144
12	$\mathcal{O}(2; \{6, 4^6, 3^8, 2^5\})$	112803840
12	$\mathcal{O}(2; \{6, 4^6, 3^{11}, 2\})$	906412032
12	$\mathcal{O}(2; \{6, 4^8, 3^2, 2^{10}\})$	5308416
12	$\mathcal{O}(2; \{6, 4^8, 3^5, 2^6\})$	58392576
12	$\mathcal{O}(2; \{6, 4^8, 3^8, 2^2\})$	451215360
12	$\mathcal{O}(2; \{6, 4^{10}, 3^2, 2^7\})$	21233664
12	$\mathcal{O}(2; \{6, 4^{10}, 3^5, 2^3\})$	233570304
12	$\mathcal{O}(2; \{6, 4^{12}, 3^2, 2^4\})$	84934656
12	$\mathcal{O}(2; \{6, 4^{12}, 3^5\})$	934281216
12	$\mathcal{O}(2; \{6, 4^{14}, 3^2, 2\})$	339738624
12	$\mathcal{O}(2; \{6^2, 4^2, 2^{20}\})$	82944

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^2, 4^2, 3^3, 2^{16}\})$	414720
12	$\mathcal{O}(2; \{6^2, 4^2, 3^6, 2^{12}\})$	3566592
12	$\mathcal{O}(2; \{6^2, 4^2, 3^9, 2^8\})$	28283904
12	$\mathcal{O}(2; \{6^2, 4^2, 3^{12}, 2^4\})$	226520064
12	$\mathcal{O}(2; \{6^2, 4^2, 3^{15}\})$	1811911680
12	$\mathcal{O}(2; \{6^2, 4^4, 2^{17}\})$	331776
12	$\mathcal{O}(2; \{6^2, 4^4, 3^3, 2^{13}\})$	1658880
12	$\mathcal{O}(2; \{6^2, 4^4, 3^6, 2^9\})$	14266368
12	$\mathcal{O}(2; \{6^2, 4^4, 3^9, 2^5\})$	113135616
12	$\mathcal{O}(2; \{6^2, 4^4, 3^{12}, 2\})$	906080256
12	$\mathcal{O}(2; \{6^2, 4^6, 2^{14}\})$	1327104
12	$\mathcal{O}(2; \{6^2, 4^6, 3^3, 2^{10}\})$	6635520
12	$\mathcal{O}(2; \{6^2, 4^6, 3^6, 2^6\})$	57065472
12	$\mathcal{O}(2; \{6^2, 4^6, 3^9, 2^2\})$	452542464
12	$\mathcal{O}(2; \{6^2, 4^8, 2^{11}\})$	5308416
12	$\mathcal{O}(2; \{6^2, 4^8, 3^3, 2^7\})$	26542080
12	$\mathcal{O}(2; \{6^2, 4^8, 3^6, 2^3\})$	228261888
12	$\mathcal{O}(2; \{6^2, 4^{10}, 2^8\})$	21233664
12	$\mathcal{O}(2; \{6^2, 4^{10}, 3^3, 2^4\})$	106168320
12	$\mathcal{O}(2; \{6^2, 4^{10}, 3^6\})$	913047552
12	$\mathcal{O}(2; \{6^2, 4^{12}, 2^5\})$	84934656
12	$\mathcal{O}(2; \{6^2, 4^{12}, 3^3, 2\})$	424673280
12	$\mathcal{O}(2; \{6^2, 4^{14}, 2^2\})$	339738624
12	$\mathcal{O}(2; \{6^3, 4^2, 3, 2^{17}\})$	248832
12	$\mathcal{O}(2; \{6^3, 4^2, 3^4, 2^{13}\})$	1741824
12	$\mathcal{O}(2; \{6^3, 4^2, 3^7, 2^9\})$	14183424
12	$\mathcal{O}(2; \{6^3, 4^2, 3^{10}, 2^5\})$	113218560
12	$\mathcal{O}(2; \{6^3, 4^2, 3^{13}, 2\})$	905997312
12	$\mathcal{O}(2; \{6^3, 4^4, 3, 2^{14}\})$	995328
12	$\mathcal{O}(2; \{6^3, 4^4, 3^4, 2^{10}\})$	6967296
12	$\mathcal{O}(2; \{6^3, 4^4, 3^7, 2^6\})$	56733696
12	$\mathcal{O}(2; \{6^3, 4^4, 3^{10}, 2^2\})$	452874240
12	$\mathcal{O}(2; \{6^3, 4^6, 3, 2^{11}\})$	3981312
12	$\mathcal{O}(2; \{6^3, 4^6, 3^4, 2^7\})$	27869184
12	$\mathcal{O}(2; \{6^3, 4^6, 3^7, 2^3\})$	226934784
12	$\mathcal{O}(2; \{6^3, 4^8, 3, 2^8\})$	15925248
12	$\mathcal{O}(2; \{6^3, 4^8, 3^4, 2^4\})$	111476736
12	$\mathcal{O}(2; \{6^3, 4^8, 3^7\})$	907739136
12	$\mathcal{O}(2; \{6^3, 4^{10}, 3, 2^5\})$	63700992
12	$\mathcal{O}(2; \{6^3, 4^{10}, 3^4, 2\})$	445906944
12	$\mathcal{O}(2; \{6^3, 4^{12}, 3, 2^2\})$	254803968
12	$\mathcal{O}(2; \{6^4, 4^2, 3^2, 2^{14}\})$	912384
12	$\mathcal{O}(2; \{6^4, 4^2, 3^5, 2^{10}\})$	7050240

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^4, 4^2, 3^8, 2^6\})$	56650752
12	$\mathcal{O}(2; \{6^4, 4^2, 3^{11}, 2^2\})$	452957184
12	$\mathcal{O}(2; \{6^4, 4^4, 3^2, 2^{11}\})$	3649536
12	$\mathcal{O}(2; \{6^4, 4^4, 3^5, 2^7\})$	28200960
12	$\mathcal{O}(2; \{6^4, 4^4, 3^8, 2^3\})$	226603008
12	$\mathcal{O}(2; \{6^4, 4^6, 3^2, 2^8\})$	14598144
12	$\mathcal{O}(2; \{6^4, 4^6, 3^5, 2^4\})$	112803840
12	$\mathcal{O}(2; \{6^4, 4^6, 3^8\})$	906412032
12	$\mathcal{O}(2; \{6^4, 4^8, 3^2, 2^5\})$	58392576
12	$\mathcal{O}(2; \{6^4, 4^8, 3^5, 2\})$	451215360
12	$\mathcal{O}(2; \{6^4, 4^{10}, 3^2, 2^2\})$	233570304
12	$\mathcal{O}(2; \{6^5, 4^2, 2^{15}\})$	414720
12	$\mathcal{O}(2; \{6^5, 4^2, 3^3, 2^{11}\})$	3566592
12	$\mathcal{O}(2; \{6^5, 4^2, 3^6, 2^7\})$	28283904
12	$\mathcal{O}(2; \{6^5, 4^2, 3^9, 2^3\})$	226520064
12	$\mathcal{O}(2; \{6^5, 4^4, 2^{12}\})$	1658880
12	$\mathcal{O}(2; \{6^5, 4^4, 3^3, 2^8\})$	14266368
12	$\mathcal{O}(2; \{6^5, 4^4, 3^6, 2^4\})$	113135616
12	$\mathcal{O}(2; \{6^5, 4^4, 3^9\})$	906080256
12	$\mathcal{O}(2; \{6^5, 4^6, 2^9\})$	6635520
12	$\mathcal{O}(2; \{6^5, 4^6, 3^3, 2^5\})$	57065472
12	$\mathcal{O}(2; \{6^5, 4^6, 3^6, 2\})$	452542464
12	$\mathcal{O}(2; \{6^5, 4^8, 2^6\})$	26542080
12	$\mathcal{O}(2; \{6^5, 4^8, 3^3, 2^2\})$	228261888
12	$\mathcal{O}(2; \{6^5, 4^{10}, 2^3\})$	106168320
12	$\mathcal{O}(2; \{6^5, 4^{12}\})$	424673280
12	$\mathcal{O}(2; \{6^6, 4^2, 3, 2^{12}\})$	1741824
12	$\mathcal{O}(2; \{6^6, 4^2, 3^4, 2^8\})$	14183424
12	$\mathcal{O}(2; \{6^6, 4^2, 3^7, 2^4\})$	113218560
12	$\mathcal{O}(2; \{6^6, 4^2, 3^{10}\})$	905997312
12	$\mathcal{O}(2; \{6^6, 4^4, 3, 2^9\})$	6967296
12	$\mathcal{O}(2; \{6^6, 4^4, 3^4, 2^5\})$	56733696
12	$\mathcal{O}(2; \{6^6, 4^4, 3^7, 2\})$	452874240
12	$\mathcal{O}(2; \{6^6, 4^6, 3, 2^6\})$	27869184
12	$\mathcal{O}(2; \{6^6, 4^6, 3^4, 2^2\})$	226934784
12	$\mathcal{O}(2; \{6^6, 4^8, 3, 2^3\})$	111476736
12	$\mathcal{O}(2; \{6^6, 4^{10}, 3\})$	445906944
12	$\mathcal{O}(2; \{6^7, 4^2, 3^2, 2^9\})$	7050240
12	$\mathcal{O}(2; \{6^7, 4^2, 3^5, 2^5\})$	56650752
12	$\mathcal{O}(2; \{6^7, 4^2, 3^8, 2\})$	452957184
12	$\mathcal{O}(2; \{6^7, 4^4, 3^2, 2^6\})$	28200960
12	$\mathcal{O}(2; \{6^7, 4^4, 3^5, 2^2\})$	226603008
12	$\mathcal{O}(2; \{6^7, 4^6, 3^2, 2^3\})$	112803840

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^7, 4^8, 3^2\})$	451215360
12	$\mathcal{O}(2; \{6^8, 4^2, 2^{10}\})$	3566592
12	$\mathcal{O}(2; \{6^8, 4^2, 3^3, 2^6\})$	28283904
12	$\mathcal{O}(2; \{6^8, 4^2, 3^6, 2^2\})$	226520064
12	$\mathcal{O}(2; \{6^8, 4^4, 2^7\})$	14266368
12	$\mathcal{O}(2; \{6^8, 4^4, 3^3, 2^3\})$	113135616
12	$\mathcal{O}(2; \{6^8, 4^6, 2^4\})$	57065472
12	$\mathcal{O}(2; \{6^8, 4^6, 3^3\})$	452542464
12	$\mathcal{O}(2; \{6^8, 4^8, 2\})$	228261888
12	$\mathcal{O}(2; \{6^9, 4^2, 3, 2^7\})$	14183424
12	$\mathcal{O}(2; \{6^9, 4^2, 3^4, 2^3\})$	113218560
12	$\mathcal{O}(2; \{6^9, 4^4, 3, 2^4\})$	56733696
12	$\mathcal{O}(2; \{6^9, 4^4, 3^4\})$	452874240
12	$\mathcal{O}(2; \{6^9, 4^6, 3, 2\})$	226934784
12	$\mathcal{O}(2; \{6^{10}, 4^2, 3^2, 2^4\})$	56650752
12	$\mathcal{O}(2; \{6^{10}, 4^2, 3^5\})$	452957184
12	$\mathcal{O}(2; \{6^{10}, 4^4, 3^2, 2\})$	226603008
12	$\mathcal{O}(2; \{6^{11}, 4^2, 2^5\})$	28283904
12	$\mathcal{O}(2; \{6^{11}, 4^2, 3^3, 2\})$	226520064
12	$\mathcal{O}(2; \{6^{11}, 4^4, 2^2\})$	113135616
12	$\mathcal{O}(2; \{6^{12}, 4^2, 3, 2^2\})$	113218560
12	$\mathcal{O}(2; \{6^{14}, 4^2\})$	226520064
12	$\mathcal{O}(2; \{12, 4, 3^3, 2^{19}\})$	248832
12	$\mathcal{O}(2; \{12, 4, 3^6, 2^{15}\})$	1741824
12	$\mathcal{O}(2; \{12, 4, 3^9, 2^{11}\})$	14183424
12	$\mathcal{O}(2; \{12, 4, 3^{12}, 2^7\})$	113218560
12	$\mathcal{O}(2; \{12, 4, 3^{15}, 2^3\})$	905997312
12	$\mathcal{O}(2; \{12, 4^3, 3^3, 2^{16}\})$	995328
12	$\mathcal{O}(2; \{12, 4^3, 3^6, 2^{12}\})$	6967296
12	$\mathcal{O}(2; \{12, 4^3, 3^9, 2^8\})$	56733696
12	$\mathcal{O}(2; \{12, 4^3, 3^{12}, 2^4\})$	452874240
12	$\mathcal{O}(2; \{12, 4^3, 3^{15}\})$	3623989248
12	$\mathcal{O}(2; \{12, 4^5, 3^3, 2^{13}\})$	3981312
12	$\mathcal{O}(2; \{12, 4^5, 3^6, 2^9\})$	27869184
12	$\mathcal{O}(2; \{12, 4^5, 3^9, 2^5\})$	226934784
12	$\mathcal{O}(2; \{12, 4^5, 3^{12}, 2\})$	1811496960
12	$\mathcal{O}(2; \{12, 4^7, 3^3, 2^{10}\})$	15925248
12	$\mathcal{O}(2; \{12, 4^7, 3^6, 2^6\})$	111476736
12	$\mathcal{O}(2; \{12, 4^7, 3^9, 2^2\})$	907739136
12	$\mathcal{O}(2; \{12, 4^9, 3^3, 2^7\})$	63700992
12	$\mathcal{O}(2; \{12, 4^9, 3^6, 2^3\})$	445906944
12	$\mathcal{O}(2; \{12, 4^{11}, 3^3, 2^4\})$	254803968
12	$\mathcal{O}(2; \{12, 4^{11}, 3^6\})$	1783627776

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 4^{13}, 3^3, 2\})$	1019215872
12	$\mathcal{O}(2; \{12, 6, 4, 3, 2^{20}\})$	82944
12	$\mathcal{O}(2; \{12, 6, 4, 3^4, 2^{16}\})$	912384
12	$\mathcal{O}(2; \{12, 6, 4, 3^7, 2^{12}\})$	7050240
12	$\mathcal{O}(2; \{12, 6, 4, 3^{10}, 2^8\})$	56650752
12	$\mathcal{O}(2; \{12, 6, 4, 3^{13}, 2^4\})$	452957184
12	$\mathcal{O}(2; \{12, 6, 4, 3^{16}\})$	3623906304
12	$\mathcal{O}(2; \{12, 6, 4^3, 3, 2^{17}\})$	331776
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^4, 2^{13}\})$	3649536
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^7, 2^9\})$	28200960
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^{10}, 2^5\})$	226603008
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^{13}, 2\})$	1811828736
12	$\mathcal{O}(2; \{12, 6, 4^5, 3, 2^{14}\})$	1327104
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^4, 2^{10}\})$	14598144
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^7, 2^6\})$	112803840
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^{10}, 2^2\})$	906412032
12	$\mathcal{O}(2; \{12, 6, 4^7, 3, 2^{11}\})$	5308416
12	$\mathcal{O}(2; \{12, 6, 4^7, 3^4, 2^7\})$	58392576
12	$\mathcal{O}(2; \{12, 6, 4^7, 3^7, 2^3\})$	451215360
12	$\mathcal{O}(2; \{12, 6, 4^9, 3, 2^8\})$	21233664
12	$\mathcal{O}(2; \{12, 6, 4^9, 3^4, 2^4\})$	233570304
12	$\mathcal{O}(2; \{12, 6, 4^9, 3^7\})$	1804861440
12	$\mathcal{O}(2; \{12, 6, 4^{11}, 3, 2^5\})$	84934656
12	$\mathcal{O}(2; \{12, 6, 4^{11}, 3^4, 2\})$	934281216
12	$\mathcal{O}(2; \{12, 6, 4^{13}, 3, 2^2\})$	339738624
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^2, 2^{17}\})$	414720
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^5, 2^{13}\})$	3566592
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^8, 2^9\})$	28283904
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^{11}, 2^5\})$	226520064
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^{14}, 2\})$	1811911680
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^2, 2^{14}\})$	1658880
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^5, 2^{10}\})$	14266368
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^8, 2^6\})$	113135616
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^{11}, 2^2\})$	906080256
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3^2, 2^{11}\})$	6635520
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3^5, 2^7\})$	57065472
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3^8, 2^3\})$	452542464
12	$\mathcal{O}(2; \{12, 6^2, 4^7, 3^2, 2^8\})$	26542080
12	$\mathcal{O}(2; \{12, 6^2, 4^7, 3^5, 2^4\})$	228261888
12	$\mathcal{O}(2; \{12, 6^2, 4^7, 3^8\})$	1810169856
12	$\mathcal{O}(2; \{12, 6^2, 4^9, 3^2, 2^5\})$	106168320
12	$\mathcal{O}(2; \{12, 6^2, 4^9, 3^5, 2\})$	913047552
12	$\mathcal{O}(2; \{12, 6^2, 4^{11}, 3^2, 2^2\})$	424673280

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 6^3, 4, 2^{18}\})$	248832
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^3, 2^{14}\})$	1741824
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^6, 2^{10}\})$	14183424
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^9, 2^6\})$	113218560
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^{12}, 2^2\})$	905997312
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 2^{15}\})$	995328
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^3, 2^{11}\})$	6967296
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^6, 2^7\})$	56733696
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^9, 2^3\})$	452874240
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 2^{12}\})$	3981312
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 3^3, 2^8\})$	27869184
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 3^6, 2^4\})$	226934784
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 3^9\})$	1811496960
12	$\mathcal{O}(2; \{12, 6^3, 4^7, 2^9\})$	15925248
12	$\mathcal{O}(2; \{12, 6^3, 4^7, 3^3, 2^5\})$	111476736
12	$\mathcal{O}(2; \{12, 6^3, 4^7, 3^6, 2\})$	907739136
12	$\mathcal{O}(2; \{12, 6^3, 4^9, 2^6\})$	63700992
12	$\mathcal{O}(2; \{12, 6^3, 4^9, 3^3, 2^2\})$	445906944
12	$\mathcal{O}(2; \{12, 6^3, 4^{11}, 2^3\})$	254803968
12	$\mathcal{O}(2; \{12, 6^3, 4^{13}\})$	1019215872
12	$\mathcal{O}(2; \{12, 6^4, 4, 3, 2^{15}\})$	912384
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^4, 2^{11}\})$	7050240
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^7, 2^7\})$	56650752
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^{10}, 2^3\})$	452957184
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3, 2^{12}\})$	3649536
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3^4, 2^8\})$	28200960
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3^7, 2^4\})$	226603008
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3^{10}\})$	1811828736
12	$\mathcal{O}(2; \{12, 6^4, 4^5, 3, 2^9\})$	14598144
12	$\mathcal{O}(2; \{12, 6^4, 4^5, 3^4, 2^5\})$	112803840
12	$\mathcal{O}(2; \{12, 6^4, 4^5, 3^7, 2\})$	906412032
12	$\mathcal{O}(2; \{12, 6^4, 4^7, 3, 2^6\})$	58392576
12	$\mathcal{O}(2; \{12, 6^4, 4^7, 3^4, 2^2\})$	451215360
12	$\mathcal{O}(2; \{12, 6^4, 4^9, 3, 2^3\})$	233570304
12	$\mathcal{O}(2; \{12, 6^4, 4^{11}, 3\})$	934281216
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^2, 2^{12}\})$	3566592
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^5, 2^8\})$	28283904
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^8, 2^4\})$	226520064
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^{11}\})$	1811911680
12	$\mathcal{O}(2; \{12, 6^5, 4^3, 3^2, 2^9\})$	14266368
12	$\mathcal{O}(2; \{12, 6^5, 4^3, 3^5, 2^5\})$	113135616
12	$\mathcal{O}(2; \{12, 6^5, 4^3, 3^8, 2\})$	906080256
12	$\mathcal{O}(2; \{12, 6^5, 4^5, 3^2, 2^6\})$	57065472

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 6^5, 4^5, 3^5, 2^2\})$	452542464
12	$\mathcal{O}(2; \{12, 6^5, 4^7, 3^2, 2^3\})$	228261888
12	$\mathcal{O}(2; \{12, 6^5, 4^9, 3^2\})$	913047552
12	$\mathcal{O}(2; \{12, 6^6, 4, 2^{13}\})$	1741824
12	$\mathcal{O}(2; \{12, 6^6, 4, 3^3, 2^9\})$	14183424
12	$\mathcal{O}(2; \{12, 6^6, 4, 3^6, 2^5\})$	113218560
12	$\mathcal{O}(2; \{12, 6^6, 4, 3^9, 2\})$	905997312
12	$\mathcal{O}(2; \{12, 6^6, 4^3, 2^{10}\})$	6967296
12	$\mathcal{O}(2; \{12, 6^6, 4^3, 3^3, 2^6\})$	56733696
12	$\mathcal{O}(2; \{12, 6^6, 4^3, 3^6, 2^2\})$	452874240
12	$\mathcal{O}(2; \{12, 6^6, 4^5, 2^7\})$	27869184
12	$\mathcal{O}(2; \{12, 6^6, 4^5, 3^3, 2^3\})$	226934784
12	$\mathcal{O}(2; \{12, 6^6, 4^7, 2^4\})$	111476736
12	$\mathcal{O}(2; \{12, 6^6, 4^7, 3^3\})$	907739136
12	$\mathcal{O}(2; \{12, 6^6, 4^9, 2\})$	445906944
12	$\mathcal{O}(2; \{12, 6^7, 4, 3, 2^{10}\})$	7050240
12	$\mathcal{O}(2; \{12, 6^7, 4, 3^4, 2^6\})$	56650752
12	$\mathcal{O}(2; \{12, 6^7, 4, 3^7, 2^2\})$	452957184
12	$\mathcal{O}(2; \{12, 6^7, 4^3, 3, 2^7\})$	28200960
12	$\mathcal{O}(2; \{12, 6^7, 4^3, 3^4, 2^3\})$	226603008
12	$\mathcal{O}(2; \{12, 6^7, 4^5, 3, 2^4\})$	112803840
12	$\mathcal{O}(2; \{12, 6^7, 4^5, 3^4\})$	906412032
12	$\mathcal{O}(2; \{12, 6^7, 4^7, 3, 2\})$	451215360
12	$\mathcal{O}(2; \{12, 6^8, 4, 3^2, 2^7\})$	28283904
12	$\mathcal{O}(2; \{12, 6^8, 4, 3^5, 2^3\})$	226520064
12	$\mathcal{O}(2; \{12, 6^8, 4^3, 3^2, 2^4\})$	113135616
12	$\mathcal{O}(2; \{12, 6^8, 4^3, 3^5\})$	906080256
12	$\mathcal{O}(2; \{12, 6^8, 4^5, 3^2, 2\})$	452542464
12	$\mathcal{O}(2; \{12, 6^9, 4, 2^8\})$	14183424
12	$\mathcal{O}(2; \{12, 6^9, 4, 3^3, 2^4\})$	113218560
12	$\mathcal{O}(2; \{12, 6^9, 4, 3^6\})$	905997312
12	$\mathcal{O}(2; \{12, 6^9, 4^3, 2^5\})$	56733696
12	$\mathcal{O}(2; \{12, 6^9, 4^3, 3^3, 2\})$	452874240
12	$\mathcal{O}(2; \{12, 6^9, 4^5, 2^2\})$	226934784
12	$\mathcal{O}(2; \{12, 6^{10}, 4, 3, 2^5\})$	56650752
12	$\mathcal{O}(2; \{12, 6^{10}, 4, 3^4, 2\})$	452957184
12	$\mathcal{O}(2; \{12, 6^{10}, 4^3, 3, 2^2\})$	226603008
12	$\mathcal{O}(2; \{12, 6^{11}, 4, 3^2, 2^2\})$	226520064
12	$\mathcal{O}(2; \{12, 6^{12}, 4, 2^3\})$	113218560
12	$\mathcal{O}(2; \{12, 6^{12}, 4^3\})$	452874240
12	$\mathcal{O}(2; \{12, 6^{13}, 4, 3\})$	452957184
12	$\mathcal{O}(2; \{12^2, 3^2, 2^{20}\})$	248832
12	$\mathcal{O}(2; \{12^2, 3^5, 2^{16}\})$	1741824

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 3^8, 2^{12}\})$	14183424
12	$\mathcal{O}(2; \{12^2, 3^{11}, 2^8\})$	113218560
12	$\mathcal{O}(2; \{12^2, 3^{14}, 2^4\})$	905997312
12	$\mathcal{O}(2; \{12^2, 3^{17}\})$	7247729664
12	$\mathcal{O}(2; \{12^2, 4^2, 3^2, 2^{17}\})$	995328
12	$\mathcal{O}(2; \{12^2, 4^2, 3^5, 2^{13}\})$	6967296
12	$\mathcal{O}(2; \{12^2, 4^2, 3^8, 2^9\})$	56733696
12	$\mathcal{O}(2; \{12^2, 4^2, 3^{11}, 2^5\})$	452874240
12	$\mathcal{O}(2; \{12^2, 4^2, 3^{14}, 2\})$	3623989248
12	$\mathcal{O}(2; \{12^2, 4^4, 3^2, 2^{14}\})$	3981312
12	$\mathcal{O}(2; \{12^2, 4^4, 3^5, 2^{10}\})$	27869184
12	$\mathcal{O}(2; \{12^2, 4^4, 3^8, 2^6\})$	226934784
12	$\mathcal{O}(2; \{12^2, 4^4, 3^{11}, 2^2\})$	1811496960
12	$\mathcal{O}(2; \{12^2, 4^6, 3^2, 2^{11}\})$	15925248
12	$\mathcal{O}(2; \{12^2, 4^6, 3^5, 2^7\})$	111476736
12	$\mathcal{O}(2; \{12^2, 4^6, 3^8, 2^3\})$	907739136
12	$\mathcal{O}(2; \{12^2, 4^8, 3^2, 2^8\})$	63700992
12	$\mathcal{O}(2; \{12^2, 4^8, 3^5, 2^4\})$	445906944
12	$\mathcal{O}(2; \{12^2, 4^8, 3^8\})$	3630956544
12	$\mathcal{O}(2; \{12^2, 4^{10}, 3^2, 2^5\})$	254803968
12	$\mathcal{O}(2; \{12^2, 4^{10}, 3^5, 2\})$	1783627776
12	$\mathcal{O}(2; \{12^2, 4^{12}, 3^2, 2^2\})$	1019215872
12	$\mathcal{O}(2; \{12^2, 6, 2^{21}\})$	82944
12	$\mathcal{O}(2; \{12^2, 6, 3^3, 2^{17}\})$	912384
12	$\mathcal{O}(2; \{12^2, 6, 3^6, 2^{13}\})$	7050240
12	$\mathcal{O}(2; \{12^2, 6, 3^9, 2^9\})$	56650752
12	$\mathcal{O}(2; \{12^2, 6, 3^{12}, 2^5\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6, 3^{15}, 2\})$	3623906304
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 2^{18}\})$	331776
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^3, 2^{14}\})$	3649536
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^6, 2^{10}\})$	28200960
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^9, 2^6\})$	226603008
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^{12}, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 2^{15}\})$	1327104
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^3, 2^{11}\})$	14598144
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^6, 2^7\})$	112803840
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^9, 2^3\})$	906412032
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 2^{12}\})$	5308416
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 3^3, 2^8\})$	58392576
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 3^6, 2^4\})$	451215360
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 3^9\})$	3625648128
12	$\mathcal{O}(2; \{12^2, 6, 4^8, 2^9\})$	21233664
12	$\mathcal{O}(2; \{12^2, 6, 4^8, 3^3, 2^5\})$	233570304

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 6, 4^8, 3^6, 2\})$	1804861440
12	$\mathcal{O}(2; \{12^2, 6, 4^{10}, 2^6\})$	84934656
12	$\mathcal{O}(2; \{12^2, 6, 4^{10}, 3^3, 2^2\})$	934281216
12	$\mathcal{O}(2; \{12^2, 6, 4^{12}, 2^3\})$	339738624
12	$\mathcal{O}(2; \{12^2, 6, 4^{14}\})$	1358954496
12	$\mathcal{O}(2; \{12^2, 6^2, 3, 2^{18}\})$	414720
12	$\mathcal{O}(2; \{12^2, 6^2, 3^4, 2^{14}\})$	3566592
12	$\mathcal{O}(2; \{12^2, 6^2, 3^7, 2^{10}\})$	28283904
12	$\mathcal{O}(2; \{12^2, 6^2, 3^{10}, 2^6\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^2, 3^{13}, 2^2\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3, 2^{15}\})$	1658880
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^4, 2^{11}\})$	14266368
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^7, 2^7\})$	113135616
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^{10}, 2^3\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3, 2^{12}\})$	6635520
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3^4, 2^8\})$	57065472
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3^7, 2^4\})$	452542464
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3^{10}\})$	3624321024
12	$\mathcal{O}(2; \{12^2, 6^2, 4^6, 3, 2^9\})$	26542080
12	$\mathcal{O}(2; \{12^2, 6^2, 4^6, 3^4, 2^5\})$	228261888
12	$\mathcal{O}(2; \{12^2, 6^2, 4^6, 3^7, 2\})$	1810169856
12	$\mathcal{O}(2; \{12^2, 6^2, 4^8, 3, 2^6\})$	106168320
12	$\mathcal{O}(2; \{12^2, 6^2, 4^8, 3^4, 2^2\})$	913047552
12	$\mathcal{O}(2; \{12^2, 6^2, 4^{10}, 3, 2^3\})$	424673280
12	$\mathcal{O}(2; \{12^2, 6^2, 4^{12}, 3\})$	1698693120
12	$\mathcal{O}(2; \{12^2, 6^3, 3^2, 2^{15}\})$	1741824
12	$\mathcal{O}(2; \{12^2, 6^3, 3^5, 2^{11}\})$	14183424
12	$\mathcal{O}(2; \{12^2, 6^3, 3^8, 2^7\})$	113218560
12	$\mathcal{O}(2; \{12^2, 6^3, 3^{11}, 2^3\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^2, 2^{12}\})$	6967296
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^5, 2^8\})$	56733696
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^8, 2^4\})$	452874240
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^{11}\})$	3623989248
12	$\mathcal{O}(2; \{12^2, 6^3, 4^4, 3^2, 2^9\})$	27869184
12	$\mathcal{O}(2; \{12^2, 6^3, 4^4, 3^5, 2^5\})$	226934784
12	$\mathcal{O}(2; \{12^2, 6^3, 4^4, 3^8, 2\})$	1811496960
12	$\mathcal{O}(2; \{12^2, 6^3, 4^6, 3^2, 2^6\})$	111476736
12	$\mathcal{O}(2; \{12^2, 6^3, 4^6, 3^5, 2^2\})$	907739136
12	$\mathcal{O}(2; \{12^2, 6^3, 4^8, 3^2, 2^3\})$	445906944
12	$\mathcal{O}(2; \{12^2, 6^3, 4^{10}, 3^2\})$	1783627776
12	$\mathcal{O}(2; \{12^2, 6^4, 2^{16}\})$	912384
12	$\mathcal{O}(2; \{12^2, 6^4, 3^3, 2^{12}\})$	7050240
12	$\mathcal{O}(2; \{12^2, 6^4, 3^6, 2^8\})$	56650752

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 6^4, 3^9, 2^4\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^4, 3^{12}\})$	3623906304
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 2^{13}\})$	3649536
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 3^3, 2^9\})$	28200960
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 3^6, 2^5\})$	226603008
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 3^9, 2\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6^4, 4^4, 2^{10}\})$	14598144
12	$\mathcal{O}(2; \{12^2, 6^4, 4^4, 3^3, 2^6\})$	112803840
12	$\mathcal{O}(2; \{12^2, 6^4, 4^4, 3^6, 2^2\})$	906412032
12	$\mathcal{O}(2; \{12^2, 6^4, 4^6, 2^7\})$	58392576
12	$\mathcal{O}(2; \{12^2, 6^4, 4^6, 3^3, 2^3\})$	451215360
12	$\mathcal{O}(2; \{12^2, 6^4, 4^8, 2^4\})$	233570304
12	$\mathcal{O}(2; \{12^2, 6^4, 4^8, 3^3\})$	1804861440
12	$\mathcal{O}(2; \{12^2, 6^4, 4^{10}, 2\})$	934281216
12	$\mathcal{O}(2; \{12^2, 6^5, 3, 2^{13}\})$	3566592
12	$\mathcal{O}(2; \{12^2, 6^5, 3^4, 2^9\})$	28283904
12	$\mathcal{O}(2; \{12^2, 6^5, 3^7, 2^5\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^5, 3^{10}, 2\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6^5, 4^2, 3, 2^{10}\})$	14266368
12	$\mathcal{O}(2; \{12^2, 6^5, 4^2, 3^4, 2^6\})$	113135616
12	$\mathcal{O}(2; \{12^2, 6^5, 4^2, 3^7, 2^2\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^5, 4^4, 3, 2^7\})$	57065472
12	$\mathcal{O}(2; \{12^2, 6^5, 4^4, 3^4, 2^3\})$	452542464
12	$\mathcal{O}(2; \{12^2, 6^5, 4^6, 3, 2^4\})$	228261888
12	$\mathcal{O}(2; \{12^2, 6^5, 4^6, 3^4\})$	1810169856
12	$\mathcal{O}(2; \{12^2, 6^5, 4^8, 3, 2\})$	913047552
12	$\mathcal{O}(2; \{12^2, 6^6, 3^2, 2^{10}\})$	14183424
12	$\mathcal{O}(2; \{12^2, 6^6, 3^5, 2^6\})$	113218560
12	$\mathcal{O}(2; \{12^2, 6^6, 3^8, 2^2\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^6, 4^2, 3^2, 2^7\})$	56733696
12	$\mathcal{O}(2; \{12^2, 6^6, 4^2, 3^5, 2^3\})$	452874240
12	$\mathcal{O}(2; \{12^2, 6^6, 4^4, 3^2, 2^4\})$	226934784
12	$\mathcal{O}(2; \{12^2, 6^6, 4^4, 3^5\})$	1811496960
12	$\mathcal{O}(2; \{12^2, 6^6, 4^6, 3^2, 2\})$	907739136
12	$\mathcal{O}(2; \{12^2, 6^7, 2^{11}\})$	7050240
12	$\mathcal{O}(2; \{12^2, 6^7, 3^3, 2^7\})$	56650752
12	$\mathcal{O}(2; \{12^2, 6^7, 3^6, 2^3\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^7, 4^2, 2^8\})$	28200960
12	$\mathcal{O}(2; \{12^2, 6^7, 4^2, 3^3, 2^4\})$	226603008
12	$\mathcal{O}(2; \{12^2, 6^7, 4^2, 3^6\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6^7, 4^4, 2^5\})$	112803840
12	$\mathcal{O}(2; \{12^2, 6^7, 4^4, 3^3, 2\})$	906412032
12	$\mathcal{O}(2; \{12^2, 6^7, 4^6, 2^2\})$	451215360

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 6^8, 3, 2^8\})$	28283904
12	$\mathcal{O}(2; \{12^2, 6^8, 3^4, 2^4\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^8, 3^7\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6^8, 4^2, 3, 2^5\})$	113135616
12	$\mathcal{O}(2; \{12^2, 6^8, 4^2, 3^4, 2\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^8, 4^4, 3, 2^2\})$	452542464
12	$\mathcal{O}(2; \{12^2, 6^9, 3^2, 2^5\})$	113218560
12	$\mathcal{O}(2; \{12^2, 6^9, 3^5, 2\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^9, 4^2, 3^2, 2^2\})$	452874240
12	$\mathcal{O}(2; \{12^2, 6^{10}, 2^6\})$	56650752
12	$\mathcal{O}(2; \{12^2, 6^{10}, 3^3, 2^2\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^{10}, 4^2, 2^3\})$	226603008
12	$\mathcal{O}(2; \{12^2, 6^{10}, 4^4\})$	906412032
12	$\mathcal{O}(2; \{12^2, 6^{11}, 3, 2^3\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^{11}, 4^2, 3\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^{12}, 3^2\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^{13}, 2\})$	452957184
12	$\mathcal{O}(2; \{12^3, 4, 3, 2^{18}\})$	995328
12	$\mathcal{O}(2; \{12^3, 4, 3^4, 2^{14}\})$	6967296
12	$\mathcal{O}(2; \{12^3, 4, 3^7, 2^{10}\})$	56733696
12	$\mathcal{O}(2; \{12^3, 4, 3^{10}, 2^6\})$	452874240
12	$\mathcal{O}(2; \{12^3, 4, 3^{13}, 2^2\})$	3623989248
12	$\mathcal{O}(2; \{12^3, 4^3, 3, 2^{15}\})$	3981312
12	$\mathcal{O}(2; \{12^3, 4^3, 3^4, 2^{11}\})$	27869184
12	$\mathcal{O}(2; \{12^3, 4^3, 3^7, 2^7\})$	226934784
12	$\mathcal{O}(2; \{12^3, 4^3, 3^{10}, 2^3\})$	1811496960
12	$\mathcal{O}(2; \{12^3, 4^5, 3, 2^{12}\})$	15925248
12	$\mathcal{O}(2; \{12^3, 4^5, 3^4, 2^8\})$	111476736
12	$\mathcal{O}(2; \{12^3, 4^5, 3^7, 2^4\})$	907739136
12	$\mathcal{O}(2; \{12^3, 4^5, 3^{10}\})$	7245987840
12	$\mathcal{O}(2; \{12^3, 4^7, 3, 2^9\})$	63700992
12	$\mathcal{O}(2; \{12^3, 4^7, 3^4, 2^5\})$	445906944
12	$\mathcal{O}(2; \{12^3, 4^7, 3^7, 2\})$	3630956544
12	$\mathcal{O}(2; \{12^3, 4^9, 3, 2^6\})$	254803968
12	$\mathcal{O}(2; \{12^3, 4^9, 3^4, 2^2\})$	1783627776
12	$\mathcal{O}(2; \{12^3, 4^{11}, 3, 2^3\})$	1019215872
12	$\mathcal{O}(2; \{12^3, 4^{13}, 3\})$	4076863488
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^2, 2^{15}\})$	3649536
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^5, 2^{11}\})$	28200960
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^8, 2^7\})$	226603008
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^{11}, 2^3\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^2, 2^{12}\})$	14598144
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^5, 2^8\})$	112803840

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^8, 2^4\})$	906412032
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^{11}\})$	7247314944
12	$\mathcal{O}(2; \{12^3, 6, 4^5, 3^2, 2^9\})$	58392576
12	$\mathcal{O}(2; \{12^3, 6, 4^5, 3^5, 2^5\})$	451215360
12	$\mathcal{O}(2; \{12^3, 6, 4^5, 3^8, 2\})$	3625648128
12	$\mathcal{O}(2; \{12^3, 6, 4^7, 3^2, 2^6\})$	233570304
12	$\mathcal{O}(2; \{12^3, 6, 4^7, 3^5, 2^2\})$	1804861440
12	$\mathcal{O}(2; \{12^3, 6, 4^9, 3^2, 2^3\})$	934281216
12	$\mathcal{O}(2; \{12^3, 6, 4^{11}, 3^2\})$	3737124864
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 2^{16}\})$	1658880
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^3, 2^{12}\})$	14266368
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^6, 2^8\})$	113135616
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^9, 2^4\})$	906080256
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^{12}\})$	7247646720
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 2^{13}\})$	6635520
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 3^3, 2^9\})$	57065472
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 3^6, 2^5\})$	452542464
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 3^9, 2\})$	3624321024
12	$\mathcal{O}(2; \{12^3, 6^2, 4^5, 2^{10}\})$	26542080
12	$\mathcal{O}(2; \{12^3, 6^2, 4^5, 3^3, 2^6\})$	228261888
12	$\mathcal{O}(2; \{12^3, 6^2, 4^5, 3^6, 2^2\})$	1810169856
12	$\mathcal{O}(2; \{12^3, 6^2, 4^7, 2^7\})$	106168320
12	$\mathcal{O}(2; \{12^3, 6^2, 4^7, 3^3, 2^3\})$	913047552
12	$\mathcal{O}(2; \{12^3, 6^2, 4^9, 2^4\})$	424673280
12	$\mathcal{O}(2; \{12^3, 6^2, 4^9, 3^3\})$	3652190208
12	$\mathcal{O}(2; \{12^3, 6^2, 4^{11}, 2\})$	1698693120
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3, 2^{13}\})$	6967296
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3^4, 2^9\})$	56733696
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3^7, 2^5\})$	452874240
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3^{10}, 2\})$	3623989248
12	$\mathcal{O}(2; \{12^3, 6^3, 4^3, 3, 2^{10}\})$	27869184
12	$\mathcal{O}(2; \{12^3, 6^3, 4^3, 3^4, 2^6\})$	226934784
12	$\mathcal{O}(2; \{12^3, 6^3, 4^3, 3^7, 2^2\})$	1811496960
12	$\mathcal{O}(2; \{12^3, 6^3, 4^5, 3, 2^7\})$	111476736
12	$\mathcal{O}(2; \{12^3, 6^3, 4^5, 3^4, 2^3\})$	907739136
12	$\mathcal{O}(2; \{12^3, 6^3, 4^7, 3, 2^4\})$	445906944
12	$\mathcal{O}(2; \{12^3, 6^3, 4^7, 3^4\})$	3630956544
12	$\mathcal{O}(2; \{12^3, 6^3, 4^9, 3, 2\})$	1783627776
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 3^2, 2^{10}\})$	28200960
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 3^5, 2^6\})$	226603008
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 3^8, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 6^4, 4^3, 3^2, 2^7\})$	112803840
12	$\mathcal{O}(2; \{12^3, 6^4, 4^3, 3^5, 2^3\})$	906412032

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^3, 6^4, 4^5, 3^2, 2^4\})$	451215360
12	$\mathcal{O}(2; \{12^3, 6^4, 4^5, 3^5\})$	3625648128
12	$\mathcal{O}(2; \{12^3, 6^4, 4^7, 3^2, 2\})$	1804861440
12	$\mathcal{O}(2; \{12^3, 6^5, 4, 2^{11}\})$	14266368
12	$\mathcal{O}(2; \{12^3, 6^5, 4, 3^3, 2^7\})$	113135616
12	$\mathcal{O}(2; \{12^3, 6^5, 4, 3^6, 2^3\})$	906080256
12	$\mathcal{O}(2; \{12^3, 6^5, 4^3, 2^8\})$	57065472
12	$\mathcal{O}(2; \{12^3, 6^5, 4^3, 3^3, 2^4\})$	452542464
12	$\mathcal{O}(2; \{12^3, 6^5, 4^3, 3^6\})$	3624321024
12	$\mathcal{O}(2; \{12^3, 6^5, 4^5, 2^5\})$	228261888
12	$\mathcal{O}(2; \{12^3, 6^5, 4^5, 3^3, 2\})$	1810169856
12	$\mathcal{O}(2; \{12^3, 6^5, 4^7, 2^2\})$	913047552
12	$\mathcal{O}(2; \{12^3, 6^6, 4, 3, 2^8\})$	56733696
12	$\mathcal{O}(2; \{12^3, 6^6, 4, 3^4, 2^4\})$	452874240
12	$\mathcal{O}(2; \{12^3, 6^6, 4, 3^7\})$	3623989248
12	$\mathcal{O}(2; \{12^3, 6^6, 4^3, 3, 2^5\})$	226934784
12	$\mathcal{O}(2; \{12^3, 6^6, 4^3, 3^4, 2\})$	1811496960
12	$\mathcal{O}(2; \{12^3, 6^6, 4^5, 3, 2^2\})$	907739136
12	$\mathcal{O}(2; \{12^3, 6^7, 4, 3^2, 2^5\})$	226603008
12	$\mathcal{O}(2; \{12^3, 6^7, 4, 3^5, 2\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 6^7, 4^3, 3^2, 2^2\})$	906412032
12	$\mathcal{O}(2; \{12^3, 6^8, 4, 2^6\})$	113135616
12	$\mathcal{O}(2; \{12^3, 6^8, 4, 3^3, 2^2\})$	906080256
12	$\mathcal{O}(2; \{12^3, 6^8, 4^3, 2^3\})$	452542464
12	$\mathcal{O}(2; \{12^3, 6^8, 4^5\})$	1810169856
12	$\mathcal{O}(2; \{12^3, 6^9, 4, 3, 2^3\})$	452874240
12	$\mathcal{O}(2; \{12^3, 6^9, 4^3, 3\})$	1811496960
12	$\mathcal{O}(2; \{12^3, 6^{10}, 4, 3^2\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 6^{11}, 4, 2\})$	906080256
12	$\mathcal{O}(2; \{12^4, 2^{19}\})$	995328
12	$\mathcal{O}(2; \{12^4, 3^3, 2^{15}\})$	6967296
12	$\mathcal{O}(2; \{12^4, 3^6, 2^{11}\})$	56733696
12	$\mathcal{O}(2; \{12^4, 3^9, 2^7\})$	452874240
12	$\mathcal{O}(2; \{12^4, 3^{12}, 2^3\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 4^2, 2^{16}\})$	3981312
12	$\mathcal{O}(2; \{12^4, 4^2, 3^3, 2^{12}\})$	27869184
12	$\mathcal{O}(2; \{12^4, 4^2, 3^6, 2^8\})$	226934784
12	$\mathcal{O}(2; \{12^4, 4^2, 3^9, 2^4\})$	1811496960
12	$\mathcal{O}(2; \{12^4, 4^2, 3^{12}\})$	14495956992
12	$\mathcal{O}(2; \{12^4, 4^4, 2^{13}\})$	15925248
12	$\mathcal{O}(2; \{12^4, 4^4, 3^3, 2^9\})$	111476736
12	$\mathcal{O}(2; \{12^4, 4^4, 3^6, 2^5\})$	907739136
12	$\mathcal{O}(2; \{12^4, 4^4, 3^9, 2\})$	7245987840

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^4, 4^6, 2^{10}\})$	63700992
12	$\mathcal{O}(2; \{12^4, 4^6, 3^3, 2^6\})$	445906944
12	$\mathcal{O}(2; \{12^4, 4^6, 3^6, 2^2\})$	3630956544
12	$\mathcal{O}(2; \{12^4, 4^8, 2^7\})$	254803968
12	$\mathcal{O}(2; \{12^4, 4^8, 3^3, 2^3\})$	1783627776
12	$\mathcal{O}(2; \{12^4, 4^{10}, 2^4\})$	1019215872
12	$\mathcal{O}(2; \{12^4, 4^{10}, 3^3\})$	7134511104
12	$\mathcal{O}(2; \{12^4, 4^{12}, 2\})$	4076863488
12	$\mathcal{O}(2; \{12^4, 6, 3, 2^{16}\})$	3649536
12	$\mathcal{O}(2; \{12^4, 6, 3^4, 2^{12}\})$	28200960
12	$\mathcal{O}(2; \{12^4, 6, 3^7, 2^8\})$	226603008
12	$\mathcal{O}(2; \{12^4, 6, 3^{10}, 2^4\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 6, 3^{13}\})$	14495625216
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3, 2^{13}\})$	14598144
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3^4, 2^9\})$	112803840
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3^7, 2^5\})$	906412032
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3^{10}, 2\})$	7247314944
12	$\mathcal{O}(2; \{12^4, 6, 4^4, 3, 2^{10}\})$	58392576
12	$\mathcal{O}(2; \{12^4, 6, 4^4, 3^4, 2^6\})$	451215360
12	$\mathcal{O}(2; \{12^4, 6, 4^4, 3^7, 2^2\})$	3625648128
12	$\mathcal{O}(2; \{12^4, 6, 4^6, 3, 2^7\})$	233570304
12	$\mathcal{O}(2; \{12^4, 6, 4^6, 3^4, 2^3\})$	1804861440
12	$\mathcal{O}(2; \{12^4, 6, 4^8, 3, 2^4\})$	934281216
12	$\mathcal{O}(2; \{12^4, 6, 4^8, 3^4\})$	7219445760
12	$\mathcal{O}(2; \{12^4, 6, 4^{10}, 3, 2\})$	3737124864
12	$\mathcal{O}(2; \{12^4, 6^2, 3^2, 2^{13}\})$	14266368
12	$\mathcal{O}(2; \{12^4, 6^2, 3^5, 2^9\})$	113135616
12	$\mathcal{O}(2; \{12^4, 6^2, 3^8, 2^5\})$	906080256
12	$\mathcal{O}(2; \{12^4, 6^2, 3^{11}, 2\})$	7247646720
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 3^2, 2^{10}\})$	57065472
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 3^5, 2^6\})$	452542464
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 3^8, 2^2\})$	3624321024
12	$\mathcal{O}(2; \{12^4, 6^2, 4^4, 3^2, 2^7\})$	228261888
12	$\mathcal{O}(2; \{12^4, 6^2, 4^4, 3^5, 2^3\})$	1810169856
12	$\mathcal{O}(2; \{12^4, 6^2, 4^6, 3^2, 2^4\})$	913047552
12	$\mathcal{O}(2; \{12^4, 6^2, 4^6, 3^5\})$	7240679424
12	$\mathcal{O}(2; \{12^4, 6^2, 4^8, 3^2, 2\})$	3652190208
12	$\mathcal{O}(2; \{12^4, 6^3, 2^{14}\})$	6967296
12	$\mathcal{O}(2; \{12^4, 6^3, 3^3, 2^{10}\})$	56733696
12	$\mathcal{O}(2; \{12^4, 6^3, 3^6, 2^6\})$	452874240
12	$\mathcal{O}(2; \{12^4, 6^3, 3^9, 2^2\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 6^3, 4^2, 2^{11}\})$	27869184
12	$\mathcal{O}(2; \{12^4, 6^3, 4^2, 3^3, 2^7\})$	226934784

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^4, 6^3, 4^2, 3^6, 2^3\})$	1811496960
12	$\mathcal{O}(2; \{12^4, 6^3, 4^4, 2^8\})$	111476736
12	$\mathcal{O}(2; \{12^4, 6^3, 4^4, 3^3, 2^4\})$	907739136
12	$\mathcal{O}(2; \{12^4, 6^3, 4^4, 3^6\})$	7245987840
12	$\mathcal{O}(2; \{12^4, 6^3, 4^6, 2^5\})$	445906944
12	$\mathcal{O}(2; \{12^4, 6^3, 4^6, 3^3, 2\})$	3630956544
12	$\mathcal{O}(2; \{12^4, 6^3, 4^8, 2^2\})$	1783627776
12	$\mathcal{O}(2; \{12^4, 6^4, 3, 2^{11}\})$	28200960
12	$\mathcal{O}(2; \{12^4, 6^4, 3^4, 2^7\})$	226603008
12	$\mathcal{O}(2; \{12^4, 6^4, 3^7, 2^3\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 6^4, 4^2, 3, 2^8\})$	112803840
12	$\mathcal{O}(2; \{12^4, 6^4, 4^2, 3^4, 2^4\})$	906412032
12	$\mathcal{O}(2; \{12^4, 6^4, 4^2, 3^7\})$	7247314944
12	$\mathcal{O}(2; \{12^4, 6^4, 4^4, 3, 2^5\})$	451215360
12	$\mathcal{O}(2; \{12^4, 6^4, 4^4, 3^4, 2\})$	3625648128
12	$\mathcal{O}(2; \{12^4, 6^4, 4^6, 3, 2^2\})$	1804861440
12	$\mathcal{O}(2; \{12^4, 6^5, 3^2, 2^8\})$	113135616
12	$\mathcal{O}(2; \{12^4, 6^5, 3^5, 2^4\})$	906080256
12	$\mathcal{O}(2; \{12^4, 6^5, 3^8\})$	7247646720
12	$\mathcal{O}(2; \{12^4, 6^5, 4^2, 3^2, 2^5\})$	452542464
12	$\mathcal{O}(2; \{12^4, 6^5, 4^2, 3^5, 2\})$	3624321024
12	$\mathcal{O}(2; \{12^4, 6^5, 4^4, 3^2, 2^2\})$	1810169856
12	$\mathcal{O}(2; \{12^4, 6^6, 2^9\})$	56733696
12	$\mathcal{O}(2; \{12^4, 6^6, 3^3, 2^5\})$	452874240
12	$\mathcal{O}(2; \{12^4, 6^6, 3^6, 2\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 6^6, 4^2, 2^6\})$	226934784
12	$\mathcal{O}(2; \{12^4, 6^6, 4^2, 3^3, 2^2\})$	1811496960
12	$\mathcal{O}(2; \{12^4, 6^6, 4^4, 2^3\})$	907739136
12	$\mathcal{O}(2; \{12^4, 6^6, 4^6\})$	3630956544
12	$\mathcal{O}(2; \{12^4, 6^7, 3, 2^6\})$	226603008
12	$\mathcal{O}(2; \{12^4, 6^7, 3^4, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 6^7, 4^2, 3, 2^3\})$	906412032
12	$\mathcal{O}(2; \{12^4, 6^7, 4^4, 3\})$	3625648128
12	$\mathcal{O}(2; \{12^4, 6^8, 3^2, 2^3\})$	906080256
12	$\mathcal{O}(2; \{12^4, 6^8, 4^2, 3^2\})$	3624321024
12	$\mathcal{O}(2; \{12^4, 6^9, 2^4\})$	452874240
12	$\mathcal{O}(2; \{12^4, 6^9, 3^3\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 6^9, 4^2, 2\})$	1811496960
12	$\mathcal{O}(2; \{12^4, 6^{10}, 3, 2\})$	1811828736
12	$\mathcal{O}(2; \{12^5, 4, 3^2, 2^{13}\})$	27869184
12	$\mathcal{O}(2; \{12^5, 4, 3^5, 2^9\})$	226934784
12	$\mathcal{O}(2; \{12^5, 4, 3^8, 2^5\})$	1811496960
12	$\mathcal{O}(2; \{12^5, 4, 3^{11}, 2\})$	14495956992

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^5, 4^3, 3^2, 2^{10}\})$	111476736
12	$\mathcal{O}(2; \{12^5, 4^3, 3^5, 2^6\})$	907739136
12	$\mathcal{O}(2; \{12^5, 4^3, 3^8, 2^2\})$	7245987840
12	$\mathcal{O}(2; \{12^5, 4^5, 3^2, 2^7\})$	445906944
12	$\mathcal{O}(2; \{12^5, 4^5, 3^5, 2^3\})$	3630956544
12	$\mathcal{O}(2; \{12^5, 4^7, 3^2, 2^4\})$	1783627776
12	$\mathcal{O}(2; \{12^5, 4^7, 3^5\})$	14523826176
12	$\mathcal{O}(2; \{12^5, 4^9, 3^2, 2\})$	7134511104
12	$\mathcal{O}(2; \{12^5, 6, 4, 2^{14}\})$	14598144
12	$\mathcal{O}(2; \{12^5, 6, 4, 3^3, 2^{10}\})$	112803840
12	$\mathcal{O}(2; \{12^5, 6, 4, 3^6, 2^6\})$	906412032
12	$\mathcal{O}(2; \{12^5, 6, 4, 3^9, 2^2\})$	7247314944
12	$\mathcal{O}(2; \{12^5, 6, 4^3, 2^{11}\})$	58392576
12	$\mathcal{O}(2; \{12^5, 6, 4^3, 3^3, 2^7\})$	451215360
12	$\mathcal{O}(2; \{12^5, 6, 4^3, 3^6, 2^3\})$	3625648128
12	$\mathcal{O}(2; \{12^5, 6, 4^5, 2^8\})$	233570304
12	$\mathcal{O}(2; \{12^5, 6, 4^5, 3^3, 2^4\})$	1804861440
12	$\mathcal{O}(2; \{12^5, 6, 4^5, 3^6\})$	14502592512
12	$\mathcal{O}(2; \{12^5, 6, 4^7, 2^5\})$	934281216
12	$\mathcal{O}(2; \{12^5, 6, 4^7, 3^3, 2\})$	7219445760
12	$\mathcal{O}(2; \{12^5, 6, 4^9, 2^2\})$	3737124864
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 3, 2^{11}\})$	57065472
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 3^4, 2^7\})$	452542464
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 3^7, 2^3\})$	3624321024
12	$\mathcal{O}(2; \{12^5, 6^2, 4^3, 3, 2^8\})$	228261888
12	$\mathcal{O}(2; \{12^5, 6^2, 4^3, 3^4, 2^4\})$	1810169856
12	$\mathcal{O}(2; \{12^5, 6^2, 4^3, 3^7\})$	14497284096
12	$\mathcal{O}(2; \{12^5, 6^2, 4^5, 3, 2^5\})$	913047552
12	$\mathcal{O}(2; \{12^5, 6^2, 4^5, 3^4, 2\})$	7240679424
12	$\mathcal{O}(2; \{12^5, 6^2, 4^7, 3, 2^2\})$	3652190208
12	$\mathcal{O}(2; \{12^5, 6^3, 4, 3^2, 2^8\})$	226934784
12	$\mathcal{O}(2; \{12^5, 6^3, 4, 3^5, 2^4\})$	1811496960
12	$\mathcal{O}(2; \{12^5, 6^3, 4, 3^8\})$	14495956992
12	$\mathcal{O}(2; \{12^5, 6^3, 4^3, 3^2, 2^5\})$	907739136
12	$\mathcal{O}(2; \{12^5, 6^3, 4^3, 3^5, 2\})$	7245987840
12	$\mathcal{O}(2; \{12^5, 6^3, 4^5, 3^2, 2^2\})$	3630956544
12	$\mathcal{O}(2; \{12^5, 6^4, 4, 2^9\})$	112803840
12	$\mathcal{O}(2; \{12^5, 6^4, 4, 3^3, 2^5\})$	906412032
12	$\mathcal{O}(2; \{12^5, 6^4, 4, 3^6, 2\})$	7247314944
12	$\mathcal{O}(2; \{12^5, 6^4, 4^3, 2^6\})$	451215360
12	$\mathcal{O}(2; \{12^5, 6^4, 4^3, 3^3, 2^2\})$	3625648128
12	$\mathcal{O}(2; \{12^5, 6^4, 4^5, 2^3\})$	1804861440
12	$\mathcal{O}(2; \{12^5, 6^4, 4^7\})$	7219445760

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^5, 6^5, 4, 3, 2^6\})$	452542464
12	$\mathcal{O}(2; \{12^5, 6^5, 4, 3^4, 2^2\})$	3624321024
12	$\mathcal{O}(2; \{12^5, 6^5, 4^3, 3, 2^3\})$	1810169856
12	$\mathcal{O}(2; \{12^5, 6^5, 4^5, 3\})$	7240679424
12	$\mathcal{O}(2; \{12^5, 6^6, 4, 3^2, 2^3\})$	1811496960
12	$\mathcal{O}(2; \{12^5, 6^6, 4^3, 3^2\})$	7245987840
12	$\mathcal{O}(2; \{12^5, 6^7, 4, 2^4\})$	906412032
12	$\mathcal{O}(2; \{12^5, 6^7, 4, 3^3\})$	7247314944
12	$\mathcal{O}(2; \{12^5, 6^7, 4^3, 2\})$	3625648128
12	$\mathcal{O}(2; \{12^5, 6^8, 4, 3, 2\})$	3624321024
12	$\mathcal{O}(2; \{12^6, 3, 2^{14}\})$	27869184
12	$\mathcal{O}(2; \{12^6, 3^4, 2^{10}\})$	226934784
12	$\mathcal{O}(2; \{12^6, 3^7, 2^6\})$	1811496960
12	$\mathcal{O}(2; \{12^6, 3^{10}, 2^2\})$	14495956992
12	$\mathcal{O}(2; \{12^6, 4^2, 3, 2^{11}\})$	111476736
12	$\mathcal{O}(2; \{12^6, 4^2, 3^4, 2^7\})$	907739136
12	$\mathcal{O}(2; \{12^6, 4^2, 3^7, 2^3\})$	7245987840
12	$\mathcal{O}(2; \{12^6, 4^4, 3, 2^8\})$	445906944
12	$\mathcal{O}(2; \{12^6, 4^4, 3^4, 2^4\})$	3630956544
12	$\mathcal{O}(2; \{12^6, 4^4, 3^7\})$	28983951360
12	$\mathcal{O}(2; \{12^6, 4^6, 3, 2^5\})$	1783627776
12	$\mathcal{O}(2; \{12^6, 4^6, 3^4, 2\})$	14523826176
12	$\mathcal{O}(2; \{12^6, 4^8, 3, 2^2\})$	7134511104
12	$\mathcal{O}(2; \{12^6, 6, 3^2, 2^{11}\})$	112803840
12	$\mathcal{O}(2; \{12^6, 6, 3^5, 2^7\})$	906412032
12	$\mathcal{O}(2; \{12^6, 6, 3^8, 2^3\})$	7247314944
12	$\mathcal{O}(2; \{12^6, 6, 4^2, 3^2, 2^8\})$	451215360
12	$\mathcal{O}(2; \{12^6, 6, 4^2, 3^5, 2^4\})$	3625648128
12	$\mathcal{O}(2; \{12^6, 6, 4^2, 3^8\})$	28989259776
12	$\mathcal{O}(2; \{12^6, 6, 4^4, 3^2, 2^5\})$	1804861440
12	$\mathcal{O}(2; \{12^6, 6, 4^4, 3^5, 2\})$	14502592512
12	$\mathcal{O}(2; \{12^6, 6, 4^6, 3^2, 2^2\})$	7219445760
12	$\mathcal{O}(2; \{12^6, 6^2, 2^{12}\})$	57065472
12	$\mathcal{O}(2; \{12^6, 6^2, 3^3, 2^8\})$	452542464
12	$\mathcal{O}(2; \{12^6, 6^2, 3^6, 2^4\})$	3624321024
12	$\mathcal{O}(2; \{12^6, 6^2, 3^9\})$	28990586880
12	$\mathcal{O}(2; \{12^6, 6^2, 4^2, 2^9\})$	228261888
12	$\mathcal{O}(2; \{12^6, 6^2, 4^2, 3^3, 2^5\})$	1810169856
12	$\mathcal{O}(2; \{12^6, 6^2, 4^2, 3^6, 2\})$	14497284096
12	$\mathcal{O}(2; \{12^6, 6^2, 4^4, 2^6\})$	913047552
12	$\mathcal{O}(2; \{12^6, 6^2, 4^4, 3^3, 2^2\})$	7240679424
12	$\mathcal{O}(2; \{12^6, 6^2, 4^6, 2^3\})$	3652190208
12	$\mathcal{O}(2; \{12^6, 6^2, 4^8\})$	14608760832

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^6, 6^3, 3, 2^9\})$	226934784
12	$\mathcal{O}(2; \{12^6, 6^3, 3^4, 2^5\})$	1811496960
12	$\mathcal{O}(2; \{12^6, 6^3, 3^7, 2\})$	14495956992
12	$\mathcal{O}(2; \{12^6, 6^3, 4^2, 3, 2^6\})$	907739136
12	$\mathcal{O}(2; \{12^6, 6^3, 4^2, 3^4, 2^2\})$	7245987840
12	$\mathcal{O}(2; \{12^6, 6^3, 4^4, 3, 2^3\})$	3630956544
12	$\mathcal{O}(2; \{12^6, 6^3, 4^6, 3\})$	14523826176
12	$\mathcal{O}(2; \{12^6, 6^4, 3^2, 2^6\})$	906412032
12	$\mathcal{O}(2; \{12^6, 6^4, 3^5, 2^2\})$	7247314944
12	$\mathcal{O}(2; \{12^6, 6^4, 4^2, 3^2, 2^3\})$	3625648128
12	$\mathcal{O}(2; \{12^6, 6^4, 4^4, 3^2\})$	14502592512
12	$\mathcal{O}(2; \{12^6, 6^5, 2^7\})$	452542464
12	$\mathcal{O}(2; \{12^6, 6^5, 3^3, 2^3\})$	3624321024
12	$\mathcal{O}(2; \{12^6, 6^5, 4^2, 2^4\})$	1810169856
12	$\mathcal{O}(2; \{12^6, 6^5, 4^2, 3^3\})$	14497284096
12	$\mathcal{O}(2; \{12^6, 6^5, 4^4, 2\})$	7240679424
12	$\mathcal{O}(2; \{12^6, 6^6, 3, 2^4\})$	1811496960
12	$\mathcal{O}(2; \{12^6, 6^6, 3^4\})$	14495956992
12	$\mathcal{O}(2; \{12^6, 6^6, 4^2, 3, 2\})$	7245987840
12	$\mathcal{O}(2; \{12^6, 6^7, 3^2, 2\})$	7247314944
12	$\mathcal{O}(2; \{12^6, 6^8, 2^2\})$	3624321024
12	$\mathcal{O}(2; \{12^7, 4, 2^{12}\})$	111476736
12	$\mathcal{O}(2; \{12^7, 4, 3^3, 2^8\})$	907739136
12	$\mathcal{O}(2; \{12^7, 4, 3^6, 2^4\})$	7245987840
12	$\mathcal{O}(2; \{12^7, 4, 3^9\})$	57983827968
12	$\mathcal{O}(2; \{12^7, 4^3, 2^9\})$	445906944
12	$\mathcal{O}(2; \{12^7, 4^3, 3^3, 2^5\})$	3630956544
12	$\mathcal{O}(2; \{12^7, 4^3, 3^6, 2\})$	28983951360
12	$\mathcal{O}(2; \{12^7, 4^5, 2^6\})$	1783627776
12	$\mathcal{O}(2; \{12^7, 4^5, 3^3, 2^2\})$	14523826176
12	$\mathcal{O}(2; \{12^7, 4^7, 2^3\})$	7134511104
12	$\mathcal{O}(2; \{12^7, 4^9\})$	28538044416
12	$\mathcal{O}(2; \{12^7, 6, 4, 3, 2^9\})$	451215360
12	$\mathcal{O}(2; \{12^7, 6, 4, 3^4, 2^5\})$	3625648128
12	$\mathcal{O}(2; \{12^7, 6, 4, 3^7, 2\})$	28989259776
12	$\mathcal{O}(2; \{12^7, 6, 4^3, 3, 2^6\})$	1804861440
12	$\mathcal{O}(2; \{12^7, 6, 4^3, 3^4, 2^2\})$	14502592512
12	$\mathcal{O}(2; \{12^7, 6, 4^5, 3, 2^3\})$	7219445760
12	$\mathcal{O}(2; \{12^7, 6, 4^7, 3\})$	28877783040
12	$\mathcal{O}(2; \{12^7, 6^2, 4, 3^2, 2^6\})$	1810169856
12	$\mathcal{O}(2; \{12^7, 6^2, 4, 3^5, 2^2\})$	14497284096
12	$\mathcal{O}(2; \{12^7, 6^2, 4^3, 3^2, 2^3\})$	7240679424
12	$\mathcal{O}(2; \{12^7, 6^2, 4^5, 3^2\})$	28962717696

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^7, 6^3, 4, 2^7\})$	907739136
12	$\mathcal{O}(2; \{12^7, 6^3, 4, 3^3, 2^3\})$	7245987840
12	$\mathcal{O}(2; \{12^7, 6^3, 4^3, 2^4\})$	3630956544
12	$\mathcal{O}(2; \{12^7, 6^3, 4^3, 3^3\})$	28983951360
12	$\mathcal{O}(2; \{12^7, 6^3, 4^5, 2\})$	14523826176
12	$\mathcal{O}(2; \{12^7, 6^4, 4, 3, 2^4\})$	3625648128
12	$\mathcal{O}(2; \{12^7, 6^4, 4, 3^4\})$	28989259776
12	$\mathcal{O}(2; \{12^7, 6^4, 4^3, 3, 2\})$	14502592512
12	$\mathcal{O}(2; \{12^7, 6^5, 4, 3^2, 2\})$	14497284096
12	$\mathcal{O}(2; \{12^7, 6^6, 4, 2^2\})$	7245987840
12	$\mathcal{O}(2; \{12^8, 3^2, 2^9\})$	907739136
12	$\mathcal{O}(2; \{12^8, 3^5, 2^5\})$	7245987840
12	$\mathcal{O}(2; \{12^8, 3^8, 2\})$	57983827968
12	$\mathcal{O}(2; \{12^8, 4^2, 3^2, 2^6\})$	3630956544
12	$\mathcal{O}(2; \{12^8, 4^2, 3^5, 2^2\})$	28983951360
12	$\mathcal{O}(2; \{12^8, 4^4, 3^2, 2^3\})$	14523826176
12	$\mathcal{O}(2; \{12^8, 4^6, 3^2\})$	58095304704
12	$\mathcal{O}(2; \{12^8, 6, 2^{10}\})$	451215360
12	$\mathcal{O}(2; \{12^8, 6, 3^3, 2^6\})$	3625648128
12	$\mathcal{O}(2; \{12^8, 6, 3^6, 2^2\})$	28989259776
12	$\mathcal{O}(2; \{12^8, 6, 4^2, 2^7\})$	1804861440
12	$\mathcal{O}(2; \{12^8, 6, 4^2, 3^3, 2^3\})$	14502592512
12	$\mathcal{O}(2; \{12^8, 6, 4^4, 2^4\})$	7219445760
12	$\mathcal{O}(2; \{12^8, 6, 4^4, 3^3\})$	58010370048
12	$\mathcal{O}(2; \{12^8, 6, 4^6, 2\})$	28877783040
12	$\mathcal{O}(2; \{12^8, 6^2, 3, 2^7\})$	1810169856
12	$\mathcal{O}(2; \{12^8, 6^2, 3^4, 2^3\})$	14497284096
12	$\mathcal{O}(2; \{12^8, 6^2, 4^2, 3, 2^4\})$	7240679424
12	$\mathcal{O}(2; \{12^8, 6^2, 4^2, 3^4\})$	57989136384
12	$\mathcal{O}(2; \{12^8, 6^2, 4^4, 3, 2\})$	28962717696
12	$\mathcal{O}(2; \{12^8, 6^3, 3^2, 2^4\})$	7245987840
12	$\mathcal{O}(2; \{12^8, 6^3, 3^5\})$	57983827968
12	$\mathcal{O}(2; \{12^8, 6^3, 4^2, 3^2, 2\})$	28983951360
12	$\mathcal{O}(2; \{12^8, 6^4, 2^5\})$	3625648128
12	$\mathcal{O}(2; \{12^8, 6^4, 3^3, 2\})$	28989259776
12	$\mathcal{O}(2; \{12^8, 6^4, 4^2, 2^2\})$	14502592512
12	$\mathcal{O}(2; \{12^8, 6^5, 3, 2^2\})$	14497284096
12	$\mathcal{O}(2; \{12^8, 6^7\})$	28989259776
12	$\mathcal{O}(2; \{12^9, 4, 3, 2^7\})$	3630956544
12	$\mathcal{O}(2; \{12^9, 4, 3^4, 2^3\})$	28983951360
12	$\mathcal{O}(2; \{12^9, 4^3, 3, 2^4\})$	14523826176
12	$\mathcal{O}(2; \{12^9, 4^3, 3^4\})$	115935805440
12	$\mathcal{O}(2; \{12^9, 4^5, 3, 2\})$	58095304704

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^9, 6, 4, 3^2, 2^4\})$	14502592512
12	$\mathcal{O}(2; \{12^9, 6, 4, 3^5\})$	115957039104
12	$\mathcal{O}(2; \{12^9, 6, 4^3, 3^2, 2\})$	58010370048
12	$\mathcal{O}(2; \{12^9, 6^2, 4, 2^5\})$	7240679424
12	$\mathcal{O}(2; \{12^9, 6^2, 4, 3^3, 2\})$	57989136384
12	$\mathcal{O}(2; \{12^9, 6^2, 4^3, 2^2\})$	28962717696
12	$\mathcal{O}(2; \{12^9, 6^3, 4, 3, 2^2\})$	28983951360
12	$\mathcal{O}(2; \{12^9, 6^5, 4\})$	57989136384
12	$\mathcal{O}(2; \{12^{10}, 2^8\})$	3630956544
12	$\mathcal{O}(2; \{12^{10}, 3^3, 2^4\})$	28983951360
12	$\mathcal{O}(2; \{12^{10}, 3^6\})$	231935311872
12	$\mathcal{O}(2; \{12^{10}, 4^2, 2^5\})$	14523826176
12	$\mathcal{O}(2; \{12^{10}, 4^2, 3^3, 2\})$	115935805440
12	$\mathcal{O}(2; \{12^{10}, 4^4, 2^2\})$	58095304704
12	$\mathcal{O}(2; \{12^{10}, 6, 3, 2^5\})$	14502592512
12	$\mathcal{O}(2; \{12^{10}, 6, 3^4, 2\})$	115957039104
12	$\mathcal{O}(2; \{12^{10}, 6, 4^2, 3, 2^2\})$	58010370048
12	$\mathcal{O}(2; \{12^{10}, 6^2, 3^2, 2^2\})$	57989136384
12	$\mathcal{O}(2; \{12^{10}, 6^3, 2^3\})$	28983951360
12	$\mathcal{O}(2; \{12^{10}, 6^3, 4^2\})$	115935805440
12	$\mathcal{O}(2; \{12^{10}, 6^4, 3\})$	115957039104
12	$\mathcal{O}(2; \{12^{11}, 4, 3^2, 2^2\})$	115935805440
12	$\mathcal{O}(2; \{12^{11}, 6, 4, 2^3\})$	58010370048
12	$\mathcal{O}(2; \{12^{11}, 6, 4^3\})$	232041480192
12	$\mathcal{O}(2; \{12^{11}, 6^2, 4, 3\})$	231956545536
12	$\mathcal{O}(2; \{12^{12}, 3, 2^3\})$	115935805440
12	$\mathcal{O}(2; \{12^{12}, 4^2, 3\})$	463743221760
12	$\mathcal{O}(2; \{12^{12}, 6, 3^2\})$	463828156416
12	$\mathcal{O}(2; \{12^{12}, 6^2, 2\})$	231956545536
12	$\mathcal{O}(2; \{12^{13}, 4, 2\})$	463743221760
12	$\mathcal{O}(1; \{4^2, 3^4, 2^{22}\})$	1728
12	$\mathcal{O}(1; \{4^2, 3^7, 2^{18}\})$	12096
12	$\mathcal{O}(1; \{4^2, 3^{10}, 2^{14}\})$	98496
12	$\mathcal{O}(1; \{4^2, 3^{13}, 2^{10}\})$	786240
12	$\mathcal{O}(1; \{4^2, 3^{16}, 2^6\})$	6291648
12	$\mathcal{O}(1; \{4^2, 3^{19}, 2^2\})$	50331456
12	$\mathcal{O}(1; \{4^4, 3^4, 2^{19}\})$	6912
12	$\mathcal{O}(1; \{4^4, 3^7, 2^{15}\})$	48384
12	$\mathcal{O}(1; \{4^4, 3^{10}, 2^{11}\})$	393984
12	$\mathcal{O}(1; \{4^4, 3^{13}, 2^7\})$	3144960
12	$\mathcal{O}(1; \{4^4, 3^{16}, 2^3\})$	25166592
12	$\mathcal{O}(1; \{4^6, 3^4, 2^{16}\})$	27648
12	$\mathcal{O}(1; \{4^6, 3^7, 2^{12}\})$	193536

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{4^6, 3^{10}, 2^8\})$	1575936
12	$\mathcal{O}(1; \{4^6, 3^{13}, 2^4\})$	12579840
12	$\mathcal{O}(1; \{4^6, 3^{16}\})$	100666368
12	$\mathcal{O}(1; \{4^8, 3^4, 2^{13}\})$	110592
12	$\mathcal{O}(1; \{4^8, 3^7, 2^9\})$	774144
12	$\mathcal{O}(1; \{4^8, 3^{10}, 2^5\})$	6303744
12	$\mathcal{O}(1; \{4^8, 3^{13}, 2\})$	50319360
12	$\mathcal{O}(1; \{4^{10}, 3^4, 2^{10}\})$	442368
12	$\mathcal{O}(1; \{4^{10}, 3^7, 2^6\})$	3096576
12	$\mathcal{O}(1; \{4^{10}, 3^{10}, 2^2\})$	25214976
12	$\mathcal{O}(1; \{4^{12}, 3^4, 2^7\})$	1769472
12	$\mathcal{O}(1; \{4^{12}, 3^7, 2^3\})$	12386304
12	$\mathcal{O}(1; \{4^{14}, 3^4, 2^4\})$	7077888
12	$\mathcal{O}(1; \{4^{14}, 3^7\})$	49545216
12	$\mathcal{O}(1; \{4^{16}, 3^4, 2\})$	28311552
12	$\mathcal{O}(1; \{6, 4^2, 3^2, 2^{23}\})$	576
12	$\mathcal{O}(1; \{6, 4^2, 3^5, 2^{19}\})$	6336
12	$\mathcal{O}(1; \{6, 4^2, 3^8, 2^{15}\})$	48960
12	$\mathcal{O}(1; \{6, 4^2, 3^{11}, 2^{11}\})$	393408
12	$\mathcal{O}(1; \{6, 4^2, 3^{14}, 2^7\})$	3145536
12	$\mathcal{O}(1; \{6, 4^2, 3^{17}, 2^3\})$	25166016
12	$\mathcal{O}(1; \{6, 4^4, 3^2, 2^{20}\})$	2304
12	$\mathcal{O}(1; \{6, 4^4, 3^5, 2^{16}\})$	25344
12	$\mathcal{O}(1; \{6, 4^4, 3^8, 2^{12}\})$	195840
12	$\mathcal{O}(1; \{6, 4^4, 3^{11}, 2^8\})$	1573632
12	$\mathcal{O}(1; \{6, 4^4, 3^{14}, 2^4\})$	12582144
12	$\mathcal{O}(1; \{6, 4^4, 3^{17}\})$	100664064
12	$\mathcal{O}(1; \{6, 4^6, 3^2, 2^{17}\})$	9216
12	$\mathcal{O}(1; \{6, 4^6, 3^5, 2^{13}\})$	101376
12	$\mathcal{O}(1; \{6, 4^6, 3^8, 2^9\})$	783360
12	$\mathcal{O}(1; \{6, 4^6, 3^{11}, 2^5\})$	6294528
12	$\mathcal{O}(1; \{6, 4^6, 3^{14}, 2\})$	50328576
12	$\mathcal{O}(1; \{6, 4^8, 3^2, 2^{14}\})$	36864
12	$\mathcal{O}(1; \{6, 4^8, 3^5, 2^{10}\})$	405504
12	$\mathcal{O}(1; \{6, 4^8, 3^8, 2^6\})$	3133440
12	$\mathcal{O}(1; \{6, 4^8, 3^{11}, 2^2\})$	25178112
12	$\mathcal{O}(1; \{6, 4^{10}, 3^2, 2^{11}\})$	147456
12	$\mathcal{O}(1; \{6, 4^{10}, 3^5, 2^7\})$	1622016
12	$\mathcal{O}(1; \{6, 4^{10}, 3^8, 2^3\})$	12533760
12	$\mathcal{O}(1; \{6, 4^{12}, 3^2, 2^8\})$	589824
12	$\mathcal{O}(1; \{6, 4^{12}, 3^5, 2^4\})$	6488064
12	$\mathcal{O}(1; \{6, 4^{12}, 3^8\})$	50135040
12	$\mathcal{O}(1; \{6, 4^{14}, 3^2, 2^5\})$	2359296

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6, 4^{14}, 3^5, 2\})$	25952256
12	$\mathcal{O}(1; \{6, 4^{16}, 3^2, 2^2\})$	9437184
12	$\mathcal{O}(1; \{6^2, 4^2, 2^{24}\})$	576
12	$\mathcal{O}(1; \{6^2, 4^2, 3^3, 2^{20}\})$	2880
12	$\mathcal{O}(1; \{6^2, 4^2, 3^6, 2^{16}\})$	24768
12	$\mathcal{O}(1; \{6^2, 4^2, 3^9, 2^{12}\})$	196416
12	$\mathcal{O}(1; \{6^2, 4^2, 3^{12}, 2^8\})$	1573056
12	$\mathcal{O}(1; \{6^2, 4^2, 3^{15}, 2^4\})$	12582720
12	$\mathcal{O}(1; \{6^2, 4^2, 3^{18}\})$	100663488
12	$\mathcal{O}(1; \{6^2, 4^4, 2^{21}\})$	2304
12	$\mathcal{O}(1; \{6^2, 4^4, 3^3, 2^{17}\})$	11520
12	$\mathcal{O}(1; \{6^2, 4^4, 3^6, 2^{13}\})$	99072
12	$\mathcal{O}(1; \{6^2, 4^4, 3^9, 2^9\})$	785664
12	$\mathcal{O}(1; \{6^2, 4^4, 3^{12}, 2^5\})$	6292224
12	$\mathcal{O}(1; \{6^2, 4^4, 3^{15}, 2\})$	50330880
12	$\mathcal{O}(1; \{6^2, 4^6, 2^{18}\})$	9216
12	$\mathcal{O}(1; \{6^2, 4^6, 3^3, 2^{14}\})$	46080
12	$\mathcal{O}(1; \{6^2, 4^6, 3^6, 2^{10}\})$	396288
12	$\mathcal{O}(1; \{6^2, 4^6, 3^9, 2^6\})$	3142656
12	$\mathcal{O}(1; \{6^2, 4^6, 3^{12}, 2^2\})$	25168896
12	$\mathcal{O}(1; \{6^2, 4^8, 2^{15}\})$	36864
12	$\mathcal{O}(1; \{6^2, 4^8, 3^3, 2^{11}\})$	184320
12	$\mathcal{O}(1; \{6^2, 4^8, 3^6, 2^7\})$	1585152
12	$\mathcal{O}(1; \{6^2, 4^8, 3^9, 2^3\})$	12570624
12	$\mathcal{O}(1; \{6^2, 4^{10}, 2^{12}\})$	147456
12	$\mathcal{O}(1; \{6^2, 4^{10}, 3^3, 2^8\})$	737280
12	$\mathcal{O}(1; \{6^2, 4^{10}, 3^6, 2^4\})$	6340608
12	$\mathcal{O}(1; \{6^2, 4^{10}, 3^9\})$	50282496
12	$\mathcal{O}(1; \{6^2, 4^{12}, 2^9\})$	589824
12	$\mathcal{O}(1; \{6^2, 4^{12}, 3^3, 2^5\})$	2949120
12	$\mathcal{O}(1; \{6^2, 4^{12}, 3^6, 2\})$	25362432
12	$\mathcal{O}(1; \{6^2, 4^{14}, 2^6\})$	2359296
12	$\mathcal{O}(1; \{6^2, 4^{14}, 3^3, 2^2\})$	11796480
12	$\mathcal{O}(1; \{6^2, 4^{16}, 2^3\})$	9437184
12	$\mathcal{O}(1; \{6^2, 4^{18}\})$	37748736
12	$\mathcal{O}(1; \{6^3, 4^2, 3, 2^{21}\})$	1728
12	$\mathcal{O}(1; \{6^3, 4^2, 3^4, 2^{17}\})$	12096
12	$\mathcal{O}(1; \{6^3, 4^2, 3^7, 2^{13}\})$	98496
12	$\mathcal{O}(1; \{6^3, 4^2, 3^{10}, 2^9\})$	786240
12	$\mathcal{O}(1; \{6^3, 4^2, 3^{13}, 2^5\})$	6291648
12	$\mathcal{O}(1; \{6^3, 4^2, 3^{16}, 2\})$	50331456
12	$\mathcal{O}(1; \{6^3, 4^4, 3, 2^{18}\})$	6912
12	$\mathcal{O}(1; \{6^3, 4^4, 3^4, 2^{14}\})$	48384

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^3, 4^4, 3^7, 2^{10}\})$	393984
12	$\mathcal{O}(1; \{6^3, 4^4, 3^{10}, 2^6\})$	3144960
12	$\mathcal{O}(1; \{6^3, 4^4, 3^{13}, 2^2\})$	25166592
12	$\mathcal{O}(1; \{6^3, 4^6, 3, 2^{15}\})$	27648
12	$\mathcal{O}(1; \{6^3, 4^6, 3^4, 2^{11}\})$	193536
12	$\mathcal{O}(1; \{6^3, 4^6, 3^7, 2^7\})$	1575936
12	$\mathcal{O}(1; \{6^3, 4^6, 3^{10}, 2^3\})$	12579840
12	$\mathcal{O}(1; \{6^3, 4^8, 3, 2^{12}\})$	110592
12	$\mathcal{O}(1; \{6^3, 4^8, 3^4, 2^8\})$	774144
12	$\mathcal{O}(1; \{6^3, 4^8, 3^7, 2^4\})$	6303744
12	$\mathcal{O}(1; \{6^3, 4^8, 3^{10}\})$	50319360
12	$\mathcal{O}(1; \{6^3, 4^{10}, 3, 2^9\})$	442368
12	$\mathcal{O}(1; \{6^3, 4^{10}, 3^4, 2^5\})$	3096576
12	$\mathcal{O}(1; \{6^3, 4^{10}, 3^7, 2\})$	25214976
12	$\mathcal{O}(1; \{6^3, 4^{12}, 3, 2^6\})$	1769472
12	$\mathcal{O}(1; \{6^3, 4^{12}, 3^4, 2^2\})$	12386304
12	$\mathcal{O}(1; \{6^3, 4^{14}, 3, 2^3\})$	7077888
12	$\mathcal{O}(1; \{6^3, 4^{16}, 3\})$	28311552
12	$\mathcal{O}(1; \{6^4, 4^2, 3^2, 2^{18}\})$	6336
12	$\mathcal{O}(1; \{6^4, 4^2, 3^5, 2^{14}\})$	48960
12	$\mathcal{O}(1; \{6^4, 4^2, 3^8, 2^{10}\})$	393408
12	$\mathcal{O}(1; \{6^4, 4^2, 3^{11}, 2^6\})$	3145536
12	$\mathcal{O}(1; \{6^4, 4^2, 3^{14}, 2^2\})$	25166016
12	$\mathcal{O}(1; \{6^4, 4^4, 3^2, 2^{15}\})$	25344
12	$\mathcal{O}(1; \{6^4, 4^4, 3^5, 2^{11}\})$	195840
12	$\mathcal{O}(1; \{6^4, 4^4, 3^8, 2^7\})$	1573632
12	$\mathcal{O}(1; \{6^4, 4^4, 3^{11}, 2^3\})$	12582144
12	$\mathcal{O}(1; \{6^4, 4^6, 3^2, 2^{12}\})$	101376
12	$\mathcal{O}(1; \{6^4, 4^6, 3^5, 2^8\})$	783360
12	$\mathcal{O}(1; \{6^4, 4^6, 3^8, 2^4\})$	6294528
12	$\mathcal{O}(1; \{6^4, 4^6, 3^{11}\})$	50328576
12	$\mathcal{O}(1; \{6^4, 4^8, 3^2, 2^9\})$	405504
12	$\mathcal{O}(1; \{6^4, 4^8, 3^5, 2^5\})$	3133440
12	$\mathcal{O}(1; \{6^4, 4^8, 3^8, 2\})$	25178112
12	$\mathcal{O}(1; \{6^4, 4^{10}, 3^2, 2^6\})$	1622016
12	$\mathcal{O}(1; \{6^4, 4^{10}, 3^5, 2^2\})$	12533760
12	$\mathcal{O}(1; \{6^4, 4^{12}, 3^2, 2^3\})$	6488064
12	$\mathcal{O}(1; \{6^4, 4^{14}, 3^2\})$	25952256
12	$\mathcal{O}(1; \{6^5, 4^2, 2^{19}\})$	2880
12	$\mathcal{O}(1; \{6^5, 4^2, 3^3, 2^{15}\})$	24768
12	$\mathcal{O}(1; \{6^5, 4^2, 3^6, 2^{11}\})$	196416
12	$\mathcal{O}(1; \{6^5, 4^2, 3^9, 2^7\})$	1573056
12	$\mathcal{O}(1; \{6^5, 4^2, 3^{12}, 2^3\})$	12582720

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^5, 4^4, 2^{16}\})$	11520
12	$\mathcal{O}(1; \{6^5, 4^4, 3^3, 2^{12}\})$	99072
12	$\mathcal{O}(1; \{6^5, 4^4, 3^6, 2^8\})$	785664
12	$\mathcal{O}(1; \{6^5, 4^4, 3^9, 2^4\})$	6292224
12	$\mathcal{O}(1; \{6^5, 4^4, 3^{12}\})$	50330880
12	$\mathcal{O}(1; \{6^5, 4^6, 2^{13}\})$	46080
12	$\mathcal{O}(1; \{6^5, 4^6, 3^3, 2^9\})$	396288
12	$\mathcal{O}(1; \{6^5, 4^6, 3^6, 2^5\})$	3142656
12	$\mathcal{O}(1; \{6^5, 4^6, 3^9, 2\})$	25168896
12	$\mathcal{O}(1; \{6^5, 4^8, 2^{10}\})$	184320
12	$\mathcal{O}(1; \{6^5, 4^8, 3^3, 2^6\})$	1585152
12	$\mathcal{O}(1; \{6^5, 4^8, 3^6, 2^2\})$	12570624
12	$\mathcal{O}(1; \{6^5, 4^{10}, 2^7\})$	737280
12	$\mathcal{O}(1; \{6^5, 4^{10}, 3^3, 2^3\})$	6340608
12	$\mathcal{O}(1; \{6^5, 4^{12}, 2^4\})$	2949120
12	$\mathcal{O}(1; \{6^5, 4^{12}, 3^3\})$	25362432
12	$\mathcal{O}(1; \{6^5, 4^{14}, 2\})$	11796480
12	$\mathcal{O}(1; \{6^6, 4^2, 3, 2^{16}\})$	12096
12	$\mathcal{O}(1; \{6^6, 4^2, 3^4, 2^{12}\})$	98496
12	$\mathcal{O}(1; \{6^6, 4^2, 3^7, 2^8\})$	786240
12	$\mathcal{O}(1; \{6^6, 4^2, 3^{10}, 2^4\})$	6291648
12	$\mathcal{O}(1; \{6^6, 4^2, 3^{13}\})$	50331456
12	$\mathcal{O}(1; \{6^6, 4^4, 3, 2^{13}\})$	48384
12	$\mathcal{O}(1; \{6^6, 4^4, 3^4, 2^9\})$	393984
12	$\mathcal{O}(1; \{6^6, 4^4, 3^7, 2^5\})$	3144960
12	$\mathcal{O}(1; \{6^6, 4^4, 3^{10}, 2\})$	25166592
12	$\mathcal{O}(1; \{6^6, 4^6, 3, 2^{10}\})$	193536
12	$\mathcal{O}(1; \{6^6, 4^6, 3^4, 2^6\})$	1575936
12	$\mathcal{O}(1; \{6^6, 4^6, 3^7, 2^2\})$	12579840
12	$\mathcal{O}(1; \{6^6, 4^8, 3, 2^7\})$	774144
12	$\mathcal{O}(1; \{6^6, 4^8, 3^4, 2^3\})$	6303744
12	$\mathcal{O}(1; \{6^6, 4^{10}, 3, 2^4\})$	3096576
12	$\mathcal{O}(1; \{6^6, 4^{10}, 3^4\})$	25214976
12	$\mathcal{O}(1; \{6^6, 4^{12}, 3, 2\})$	12386304
12	$\mathcal{O}(1; \{6^7, 4^2, 3^2, 2^{13}\})$	48960
12	$\mathcal{O}(1; \{6^7, 4^2, 3^5, 2^9\})$	393408
12	$\mathcal{O}(1; \{6^7, 4^2, 3^8, 2^5\})$	3145536
12	$\mathcal{O}(1; \{6^7, 4^2, 3^{11}, 2\})$	25166016
12	$\mathcal{O}(1; \{6^7, 4^4, 3^2, 2^{10}\})$	195840
12	$\mathcal{O}(1; \{6^7, 4^4, 3^5, 2^6\})$	1573632
12	$\mathcal{O}(1; \{6^7, 4^4, 3^8, 2^2\})$	12582144
12	$\mathcal{O}(1; \{6^7, 4^6, 3^2, 2^7\})$	783360
12	$\mathcal{O}(1; \{6^7, 4^6, 3^5, 2^3\})$	6294528

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^7, 4^8, 3^2, 2^4\})$	3133440
12	$\mathcal{O}(1; \{6^7, 4^8, 3^5\})$	25178112
12	$\mathcal{O}(1; \{6^7, 4^{10}, 3^2, 2\})$	12533760
12	$\mathcal{O}(1; \{6^8, 4^2, 2^{14}\})$	24768
12	$\mathcal{O}(1; \{6^8, 4^2, 3^3, 2^{10}\})$	196416
12	$\mathcal{O}(1; \{6^8, 4^2, 3^6, 2^6\})$	1573056
12	$\mathcal{O}(1; \{6^8, 4^2, 3^9, 2^2\})$	12582720
12	$\mathcal{O}(1; \{6^8, 4^4, 2^{11}\})$	99072
12	$\mathcal{O}(1; \{6^8, 4^4, 3^3, 2^7\})$	785664
12	$\mathcal{O}(1; \{6^8, 4^4, 3^6, 2^3\})$	6292224
12	$\mathcal{O}(1; \{6^8, 4^6, 2^8\})$	396288
12	$\mathcal{O}(1; \{6^8, 4^6, 3^3, 2^4\})$	3142656
12	$\mathcal{O}(1; \{6^8, 4^6, 3^6\})$	25168896
12	$\mathcal{O}(1; \{6^8, 4^8, 2^5\})$	1585152
12	$\mathcal{O}(1; \{6^8, 4^8, 3^3, 2\})$	12570624
12	$\mathcal{O}(1; \{6^8, 4^{10}, 2^2\})$	6340608
12	$\mathcal{O}(1; \{6^9, 4^2, 3, 2^{11}\})$	98496
12	$\mathcal{O}(1; \{6^9, 4^2, 3^4, 2^7\})$	786240
12	$\mathcal{O}(1; \{6^9, 4^2, 3^7, 2^3\})$	6291648
12	$\mathcal{O}(1; \{6^9, 4^4, 3, 2^8\})$	393984
12	$\mathcal{O}(1; \{6^9, 4^4, 3^4, 2^4\})$	3144960
12	$\mathcal{O}(1; \{6^9, 4^4, 3^7\})$	25166592
12	$\mathcal{O}(1; \{6^9, 4^6, 3, 2^5\})$	1575936
12	$\mathcal{O}(1; \{6^9, 4^6, 3^4, 2\})$	12579840
12	$\mathcal{O}(1; \{6^9, 4^8, 3, 2^2\})$	6303744
12	$\mathcal{O}(1; \{6^{10}, 4^2, 3^2, 2^8\})$	393408
12	$\mathcal{O}(1; \{6^{10}, 4^2, 3^5, 2^4\})$	3145536
12	$\mathcal{O}(1; \{6^{10}, 4^2, 3^8\})$	25166016
12	$\mathcal{O}(1; \{6^{10}, 4^4, 3^2, 2^5\})$	1573632
12	$\mathcal{O}(1; \{6^{10}, 4^4, 3^5, 2\})$	12582144
12	$\mathcal{O}(1; \{6^{10}, 4^6, 3^2, 2^2\})$	6294528
12	$\mathcal{O}(1; \{6^{11}, 4^2, 2^9\})$	196416
12	$\mathcal{O}(1; \{6^{11}, 4^2, 3^3, 2^5\})$	1573056
12	$\mathcal{O}(1; \{6^{11}, 4^2, 3^6, 2\})$	12582720
12	$\mathcal{O}(1; \{6^{11}, 4^4, 2^6\})$	785664
12	$\mathcal{O}(1; \{6^{11}, 4^4, 3^3, 2^2\})$	6292224
12	$\mathcal{O}(1; \{6^{11}, 4^6, 2^3\})$	3142656
12	$\mathcal{O}(1; \{6^{11}, 4^8\})$	12570624
12	$\mathcal{O}(1; \{6^{12}, 4^2, 3, 2^6\})$	786240
12	$\mathcal{O}(1; \{6^{12}, 4^2, 3^4, 2^2\})$	6291648
12	$\mathcal{O}(1; \{6^{12}, 4^4, 3, 2^3\})$	3144960
12	$\mathcal{O}(1; \{6^{12}, 4^6, 3\})$	12579840
12	$\mathcal{O}(1; \{6^{13}, 4^2, 3^2, 2^3\})$	3145536

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^{13}, 4^4, 3^2\})$	12582144
12	$\mathcal{O}(1; \{6^{14}, 4^2, 2^4\})$	1573056
12	$\mathcal{O}(1; \{6^{14}, 4^2, 3^3\})$	12582720
12	$\mathcal{O}(1; \{6^{14}, 4^4, 2\})$	6292224
12	$\mathcal{O}(1; \{6^{15}, 4^2, 3, 2\})$	6291648
12	$\mathcal{O}(1; \{12, 4, 3^3, 2^{23}\})$	1728
12	$\mathcal{O}(1; \{12, 4, 3^6, 2^{19}\})$	12096
12	$\mathcal{O}(1; \{12, 4, 3^9, 2^{15}\})$	98496
12	$\mathcal{O}(1; \{12, 4, 3^{12}, 2^{11}\})$	786240
12	$\mathcal{O}(1; \{12, 4, 3^{15}, 2^7\})$	6291648
12	$\mathcal{O}(1; \{12, 4, 3^{18}, 2^3\})$	50331456
12	$\mathcal{O}(1; \{12, 4^3, 3^3, 2^{20}\})$	6912
12	$\mathcal{O}(1; \{12, 4^3, 3^6, 2^{16}\})$	48384
12	$\mathcal{O}(1; \{12, 4^3, 3^9, 2^{12}\})$	393984
12	$\mathcal{O}(1; \{12, 4^3, 3^{12}, 2^8\})$	3144960
12	$\mathcal{O}(1; \{12, 4^3, 3^{15}, 2^4\})$	25166592
12	$\mathcal{O}(1; \{12, 4^3, 3^{18}\})$	201325824
12	$\mathcal{O}(1; \{12, 4^5, 3^3, 2^{17}\})$	27648
12	$\mathcal{O}(1; \{12, 4^5, 3^6, 2^{13}\})$	193536
12	$\mathcal{O}(1; \{12, 4^5, 3^9, 2^9\})$	1575936
12	$\mathcal{O}(1; \{12, 4^5, 3^{12}, 2^5\})$	12579840
12	$\mathcal{O}(1; \{12, 4^5, 3^{15}, 2\})$	100666368
12	$\mathcal{O}(1; \{12, 4^7, 3^3, 2^{14}\})$	110592
12	$\mathcal{O}(1; \{12, 4^7, 3^6, 2^{10}\})$	774144
12	$\mathcal{O}(1; \{12, 4^7, 3^9, 2^6\})$	6303744
12	$\mathcal{O}(1; \{12, 4^7, 3^{12}, 2^2\})$	50319360
12	$\mathcal{O}(1; \{12, 4^9, 3^3, 2^{11}\})$	442368
12	$\mathcal{O}(1; \{12, 4^9, 3^6, 2^7\})$	3096576
12	$\mathcal{O}(1; \{12, 4^9, 3^9, 2^3\})$	25214976
12	$\mathcal{O}(1; \{12, 4^{11}, 3^3, 2^8\})$	1769472
12	$\mathcal{O}(1; \{12, 4^{11}, 3^6, 2^4\})$	12386304
12	$\mathcal{O}(1; \{12, 4^{11}, 3^9\})$	100859904
12	$\mathcal{O}(1; \{12, 4^{13}, 3^3, 2^5\})$	7077888
12	$\mathcal{O}(1; \{12, 4^{13}, 3^6, 2\})$	49545216
12	$\mathcal{O}(1; \{12, 4^{15}, 3^3, 2^2\})$	28311552
12	$\mathcal{O}(1; \{12, 6, 4, 3, 2^{24}\})$	576
12	$\mathcal{O}(1; \{12, 6, 4, 3^4, 2^{20}\})$	6336
12	$\mathcal{O}(1; \{12, 6, 4, 3^7, 2^{16}\})$	48960
12	$\mathcal{O}(1; \{12, 6, 4, 3^{10}, 2^{12}\})$	393408
12	$\mathcal{O}(1; \{12, 6, 4, 3^{13}, 2^8\})$	3145536
12	$\mathcal{O}(1; \{12, 6, 4, 3^{16}, 2^4\})$	25166016
12	$\mathcal{O}(1; \{12, 6, 4, 3^{19}\})$	201326400
12	$\mathcal{O}(1; \{12, 6, 4^3, 3, 2^{21}\})$	2304

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^4, 2^{17}\})$	25344
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^7, 2^{13}\})$	195840
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^{10}, 2^9\})$	1573632
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^{13}, 2^5\})$	12582144
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^{16}, 2\})$	100664064
12	$\mathcal{O}(1; \{12, 6, 4^5, 3, 2^{18}\})$	9216
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^4, 2^{14}\})$	101376
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^7, 2^{10}\})$	783360
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^{10}, 2^6\})$	6294528
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^{13}, 2^2\})$	50328576
12	$\mathcal{O}(1; \{12, 6, 4^7, 3, 2^{15}\})$	36864
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^4, 2^{11}\})$	405504
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^7, 2^7\})$	3133440
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^{10}, 2^3\})$	25178112
12	$\mathcal{O}(1; \{12, 6, 4^9, 3, 2^{12}\})$	147456
12	$\mathcal{O}(1; \{12, 6, 4^9, 3^4, 2^8\})$	1622016
12	$\mathcal{O}(1; \{12, 6, 4^9, 3^7, 2^4\})$	12533760
12	$\mathcal{O}(1; \{12, 6, 4^9, 3^{10}\})$	100712448
12	$\mathcal{O}(1; \{12, 6, 4^{11}, 3, 2^9\})$	589824
12	$\mathcal{O}(1; \{12, 6, 4^{11}, 3^4, 2^5\})$	6488064
12	$\mathcal{O}(1; \{12, 6, 4^{11}, 3^7, 2\})$	50135040
12	$\mathcal{O}(1; \{12, 6, 4^{13}, 3, 2^6\})$	2359296
12	$\mathcal{O}(1; \{12, 6, 4^{13}, 3^4, 2^2\})$	25952256
12	$\mathcal{O}(1; \{12, 6, 4^{15}, 3, 2^3\})$	9437184
12	$\mathcal{O}(1; \{12, 6, 4^{17}, 3\})$	37748736
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^2, 2^{21}\})$	2880
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^5, 2^{17}\})$	24768
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^8, 2^{13}\})$	196416
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^{11}, 2^9\})$	1573056
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^{14}, 2^5\})$	12582720
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^{17}, 2\})$	100663488
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^2, 2^{18}\})$	11520
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^5, 2^{14}\})$	99072
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^8, 2^{10}\})$	785664
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^{11}, 2^6\})$	6292224
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^{14}, 2^2\})$	50330880
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^2, 2^{15}\})$	46080
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^5, 2^{11}\})$	396288
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^8, 2^7\})$	3142656
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^{11}, 2^3\})$	25168896
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^2, 2^{12}\})$	184320
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^5, 2^8\})$	1585152
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^8, 2^4\})$	12570624

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^{11}\})$	100675584
12	$\mathcal{O}(1; \{12, 6^2, 4^9, 3^2, 2^9\})$	737280
12	$\mathcal{O}(1; \{12, 6^2, 4^9, 3^5, 2^5\})$	6340608
12	$\mathcal{O}(1; \{12, 6^2, 4^9, 3^8, 2\})$	50282496
12	$\mathcal{O}(1; \{12, 6^2, 4^{11}, 3^2, 2^6\})$	2949120
12	$\mathcal{O}(1; \{12, 6^2, 4^{11}, 3^5, 2^2\})$	25362432
12	$\mathcal{O}(1; \{12, 6^2, 4^{13}, 3^2, 2^3\})$	11796480
12	$\mathcal{O}(1; \{12, 6^2, 4^{15}, 3^2\})$	47185920
12	$\mathcal{O}(1; \{12, 6^3, 4, 2^{22}\})$	1728
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^3, 2^{18}\})$	12096
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^6, 2^{14}\})$	98496
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^9, 2^{10}\})$	786240
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^{12}, 2^6\})$	6291648
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^{15}, 2^2\})$	50331456
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 2^{19}\})$	6912
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^3, 2^{15}\})$	48384
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^6, 2^{11}\})$	393984
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^9, 2^7\})$	3144960
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^{12}, 2^3\})$	25166592
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 2^{16}\})$	27648
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^3, 2^{12}\})$	193536
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^6, 2^8\})$	1575936
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^9, 2^4\})$	12579840
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^{12}\})$	100666368
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 2^{13}\})$	110592
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 3^3, 2^9\})$	774144
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 3^6, 2^5\})$	6303744
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 3^9, 2\})$	50319360
12	$\mathcal{O}(1; \{12, 6^3, 4^9, 2^{10}\})$	442368
12	$\mathcal{O}(1; \{12, 6^3, 4^9, 3^3, 2^6\})$	3096576
12	$\mathcal{O}(1; \{12, 6^3, 4^9, 3^6, 2^2\})$	25214976
12	$\mathcal{O}(1; \{12, 6^3, 4^{11}, 2^7\})$	1769472
12	$\mathcal{O}(1; \{12, 6^3, 4^{11}, 3^3, 2^3\})$	12386304
12	$\mathcal{O}(1; \{12, 6^3, 4^{13}, 2^4\})$	7077888
12	$\mathcal{O}(1; \{12, 6^3, 4^{13}, 3^3\})$	49545216
12	$\mathcal{O}(1; \{12, 6^3, 4^{15}, 2\})$	28311552
12	$\mathcal{O}(1; \{12, 6^4, 4, 3, 2^{19}\})$	6336
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^4, 2^{15}\})$	48960
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^7, 2^{11}\})$	393408
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^{10}, 2^7\})$	3145536
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^{13}, 2^3\})$	25166016
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3, 2^{16}\})$	25344
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^4, 2^{12}\})$	195840

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^7, 2^8\})$	1573632
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^{10}, 2^4\})$	12582144
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^{13}\})$	100664064
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3, 2^{13}\})$	101376
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3^4, 2^9\})$	783360
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3^7, 2^5\})$	6294528
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3^{10}, 2\})$	50328576
12	$\mathcal{O}(1; \{12, 6^4, 4^7, 3, 2^{10}\})$	405504
12	$\mathcal{O}(1; \{12, 6^4, 4^7, 3^4, 2^6\})$	3133440
12	$\mathcal{O}(1; \{12, 6^4, 4^7, 3^7, 2^2\})$	25178112
12	$\mathcal{O}(1; \{12, 6^4, 4^9, 3, 2^7\})$	1622016
12	$\mathcal{O}(1; \{12, 6^4, 4^9, 3^4, 2^3\})$	12533760
12	$\mathcal{O}(1; \{12, 6^4, 4^{11}, 3, 2^4\})$	6488064
12	$\mathcal{O}(1; \{12, 6^4, 4^{11}, 3^4\})$	50135040
12	$\mathcal{O}(1; \{12, 6^4, 4^{13}, 3, 2\})$	25952256
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^2, 2^{16}\})$	24768
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^5, 2^{12}\})$	196416
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^8, 2^8\})$	1573056
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^{11}, 2^4\})$	12582720
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^{14}\})$	100663488
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^2, 2^{13}\})$	99072
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^5, 2^9\})$	785664
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^8, 2^5\})$	6292224
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^{11}, 2\})$	50330880
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 3^2, 2^{10}\})$	396288
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 3^5, 2^6\})$	3142656
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 3^8, 2^2\})$	25168896
12	$\mathcal{O}(1; \{12, 6^5, 4^7, 3^2, 2^7\})$	1585152
12	$\mathcal{O}(1; \{12, 6^5, 4^7, 3^5, 2^3\})$	12570624
12	$\mathcal{O}(1; \{12, 6^5, 4^9, 3^2, 2^4\})$	6340608
12	$\mathcal{O}(1; \{12, 6^5, 4^9, 3^5\})$	50282496
12	$\mathcal{O}(1; \{12, 6^5, 4^{11}, 3^2, 2\})$	25362432
12	$\mathcal{O}(1; \{12, 6^6, 4, 2^{17}\})$	12096
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^3, 2^{13}\})$	98496
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^6, 2^9\})$	786240
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^9, 2^5\})$	6291648
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^{12}, 2\})$	50331456
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 2^{14}\})$	48384
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3^3, 2^{10}\})$	393984
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3^6, 2^6\})$	3144960
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3^9, 2^2\})$	25166592
12	$\mathcal{O}(1; \{12, 6^6, 4^5, 2^{11}\})$	193536
12	$\mathcal{O}(1; \{12, 6^6, 4^5, 3^3, 2^7\})$	1575936

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^6, 4^5, 3^6, 2^3\})$	12579840
12	$\mathcal{O}(1; \{12, 6^6, 4^7, 2^8\})$	774144
12	$\mathcal{O}(1; \{12, 6^6, 4^7, 3^3, 2^4\})$	6303744
12	$\mathcal{O}(1; \{12, 6^6, 4^7, 3^6\})$	50319360
12	$\mathcal{O}(1; \{12, 6^6, 4^9, 2^5\})$	3096576
12	$\mathcal{O}(1; \{12, 6^6, 4^9, 3^3, 2\})$	25214976
12	$\mathcal{O}(1; \{12, 6^6, 4^{11}, 2^2\})$	12386304
12	$\mathcal{O}(1; \{12, 6^7, 4, 3, 2^{14}\})$	48960
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^4, 2^{10}\})$	393408
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^7, 2^6\})$	3145536
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^{10}, 2^2\})$	25166016
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 3, 2^{11}\})$	195840
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 3^4, 2^7\})$	1573632
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 3^7, 2^3\})$	12582144
12	$\mathcal{O}(1; \{12, 6^7, 4^5, 3, 2^8\})$	783360
12	$\mathcal{O}(1; \{12, 6^7, 4^5, 3^4, 2^4\})$	6294528
12	$\mathcal{O}(1; \{12, 6^7, 4^5, 3^7\})$	50328576
12	$\mathcal{O}(1; \{12, 6^7, 4^7, 3, 2^5\})$	3133440
12	$\mathcal{O}(1; \{12, 6^7, 4^7, 3^4, 2\})$	25178112
12	$\mathcal{O}(1; \{12, 6^7, 4^9, 3, 2^2\})$	12533760
12	$\mathcal{O}(1; \{12, 6^8, 4, 3^2, 2^{11}\})$	196416
12	$\mathcal{O}(1; \{12, 6^8, 4, 3^5, 2^7\})$	1573056
12	$\mathcal{O}(1; \{12, 6^8, 4, 3^8, 2^3\})$	12582720
12	$\mathcal{O}(1; \{12, 6^8, 4^3, 3^2, 2^8\})$	785664
12	$\mathcal{O}(1; \{12, 6^8, 4^3, 3^5, 2^4\})$	6292224
12	$\mathcal{O}(1; \{12, 6^8, 4^3, 3^8\})$	50330880
12	$\mathcal{O}(1; \{12, 6^8, 4^5, 3^2, 2^5\})$	3142656
12	$\mathcal{O}(1; \{12, 6^8, 4^5, 3^5, 2\})$	25168896
12	$\mathcal{O}(1; \{12, 6^8, 4^7, 3^2, 2^2\})$	12570624
12	$\mathcal{O}(1; \{12, 6^9, 4, 2^{12}\})$	98496
12	$\mathcal{O}(1; \{12, 6^9, 4, 3^3, 2^8\})$	786240
12	$\mathcal{O}(1; \{12, 6^9, 4, 3^6, 2^4\})$	6291648
12	$\mathcal{O}(1; \{12, 6^9, 4, 3^9\})$	50331456
12	$\mathcal{O}(1; \{12, 6^9, 4^3, 2^9\})$	393984
12	$\mathcal{O}(1; \{12, 6^9, 4^3, 3^3, 2^5\})$	3144960
12	$\mathcal{O}(1; \{12, 6^9, 4^3, 3^6, 2\})$	25166592
12	$\mathcal{O}(1; \{12, 6^9, 4^5, 2^6\})$	1575936
12	$\mathcal{O}(1; \{12, 6^9, 4^5, 3^3, 2^2\})$	12579840
12	$\mathcal{O}(1; \{12, 6^9, 4^7, 2^3\})$	6303744
12	$\mathcal{O}(1; \{12, 6^9, 4^9\})$	25214976
12	$\mathcal{O}(1; \{12, 6^{10}, 4, 3, 2^9\})$	393408
12	$\mathcal{O}(1; \{12, 6^{10}, 4, 3^4, 2^5\})$	3145536
12	$\mathcal{O}(1; \{12, 6^{10}, 4, 3^7, 2\})$	25166016

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^{10}, 4^3, 3, 2^6\})$	1573632
12	$\mathcal{O}(1; \{12, 6^{10}, 4^3, 3^4, 2^2\})$	12582144
12	$\mathcal{O}(1; \{12, 6^{10}, 4^5, 3, 2^3\})$	6294528
12	$\mathcal{O}(1; \{12, 6^{10}, 4^7, 3\})$	25178112
12	$\mathcal{O}(1; \{12, 6^{11}, 4, 3^2, 2^6\})$	1573056
12	$\mathcal{O}(1; \{12, 6^{11}, 4, 3^5, 2^2\})$	12582720
12	$\mathcal{O}(1; \{12, 6^{11}, 4^3, 3^2, 2^3\})$	6292224
12	$\mathcal{O}(1; \{12, 6^{11}, 4^5, 3^2\})$	25168896
12	$\mathcal{O}(1; \{12, 6^{12}, 4, 2^7\})$	786240
12	$\mathcal{O}(1; \{12, 6^{12}, 4, 3^3, 2^3\})$	6291648
12	$\mathcal{O}(1; \{12, 6^{12}, 4^3, 2^4\})$	3144960
12	$\mathcal{O}(1; \{12, 6^{12}, 4^3, 3^3\})$	25166592
12	$\mathcal{O}(1; \{12, 6^{12}, 4^5, 2\})$	12579840
12	$\mathcal{O}(1; \{12, 6^{13}, 4, 3, 2^4\})$	3145536
12	$\mathcal{O}(1; \{12, 6^{13}, 4, 3^4\})$	25166016
12	$\mathcal{O}(1; \{12, 6^{13}, 4^3, 3, 2\})$	12582144
12	$\mathcal{O}(1; \{12, 6^{14}, 4, 3^2, 2\})$	12582720
12	$\mathcal{O}(1; \{12, 6^{15}, 4, 2^2\})$	6291648
12	$\mathcal{O}(1; \{12^2, 3^2, 2^{24}\})$	1728
12	$\mathcal{O}(1; \{12^2, 3^5, 2^{20}\})$	12096
12	$\mathcal{O}(1; \{12^2, 3^8, 2^{16}\})$	98496
12	$\mathcal{O}(1; \{12^2, 3^{11}, 2^{12}\})$	786240
12	$\mathcal{O}(1; \{12^2, 3^{14}, 2^8\})$	6291648
12	$\mathcal{O}(1; \{12^2, 3^{17}, 2^4\})$	50331456
12	$\mathcal{O}(1; \{12^2, 3^{20}\})$	402653376
12	$\mathcal{O}(1; \{12^2, 4^2, 3^2, 2^{21}\})$	6912
12	$\mathcal{O}(1; \{12^2, 4^2, 3^5, 2^{17}\})$	48384
12	$\mathcal{O}(1; \{12^2, 4^2, 3^8, 2^{13}\})$	393984
12	$\mathcal{O}(1; \{12^2, 4^2, 3^{11}, 2^9\})$	3144960
12	$\mathcal{O}(1; \{12^2, 4^2, 3^{14}, 2^5\})$	25166592
12	$\mathcal{O}(1; \{12^2, 4^2, 3^{17}, 2\})$	201325824
12	$\mathcal{O}(1; \{12^2, 4^4, 3^2, 2^{18}\})$	27648
12	$\mathcal{O}(1; \{12^2, 4^4, 3^5, 2^{14}\})$	193536
12	$\mathcal{O}(1; \{12^2, 4^4, 3^8, 2^{10}\})$	1575936
12	$\mathcal{O}(1; \{12^2, 4^4, 3^{11}, 2^6\})$	12579840
12	$\mathcal{O}(1; \{12^2, 4^4, 3^{14}, 2^2\})$	100666368
12	$\mathcal{O}(1; \{12^2, 4^6, 3^2, 2^{15}\})$	110592
12	$\mathcal{O}(1; \{12^2, 4^6, 3^5, 2^{11}\})$	774144
12	$\mathcal{O}(1; \{12^2, 4^6, 3^8, 2^7\})$	6303744
12	$\mathcal{O}(1; \{12^2, 4^6, 3^{11}, 2^3\})$	50319360
12	$\mathcal{O}(1; \{12^2, 4^8, 3^2, 2^{12}\})$	442368
12	$\mathcal{O}(1; \{12^2, 4^8, 3^5, 2^8\})$	3096576
12	$\mathcal{O}(1; \{12^2, 4^8, 3^8, 2^4\})$	25214976

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 4^8, 3^{11}\})$	201277440
12	$\mathcal{O}(1; \{12^2, 4^{10}, 3^2, 2^9\})$	1769472
12	$\mathcal{O}(1; \{12^2, 4^{10}, 3^5, 2^5\})$	12386304
12	$\mathcal{O}(1; \{12^2, 4^{10}, 3^8, 2\})$	100859904
12	$\mathcal{O}(1; \{12^2, 4^{12}, 3^2, 2^6\})$	7077888
12	$\mathcal{O}(1; \{12^2, 4^{12}, 3^5, 2^2\})$	49545216
12	$\mathcal{O}(1; \{12^2, 4^{14}, 3^2, 2^3\})$	28311552
12	$\mathcal{O}(1; \{12^2, 4^{16}, 3^2\})$	113246208
12	$\mathcal{O}(1; \{12^2, 6, 2^{25}\})$	576
12	$\mathcal{O}(1; \{12^2, 6, 3^3, 2^{21}\})$	6336
12	$\mathcal{O}(1; \{12^2, 6, 3^6, 2^{17}\})$	48960
12	$\mathcal{O}(1; \{12^2, 6, 3^9, 2^{13}\})$	393408
12	$\mathcal{O}(1; \{12^2, 6, 3^{12}, 2^9\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6, 3^{15}, 2^5\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6, 3^{18}, 2\})$	201326400
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 2^{22}\})$	2304
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^3, 2^{18}\})$	25344
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^6, 2^{14}\})$	195840
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^9, 2^{10}\})$	1573632
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^{12}, 2^6\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^{15}, 2^2\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 2^{19}\})$	9216
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^3, 2^{15}\})$	101376
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^6, 2^{11}\})$	783360
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^9, 2^7\})$	6294528
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^{12}, 2^3\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 2^{16}\})$	36864
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^3, 2^{12}\})$	405504
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^6, 2^8\})$	3133440
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^9, 2^4\})$	25178112
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^{12}\})$	201314304
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 2^{13}\})$	147456
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 3^3, 2^9\})$	1622016
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 3^6, 2^5\})$	12533760
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 3^9, 2\})$	100712448
12	$\mathcal{O}(1; \{12^2, 6, 4^{10}, 2^{10}\})$	589824
12	$\mathcal{O}(1; \{12^2, 6, 4^{10}, 3^3, 2^6\})$	6488064
12	$\mathcal{O}(1; \{12^2, 6, 4^{10}, 3^6, 2^2\})$	50135040
12	$\mathcal{O}(1; \{12^2, 6, 4^{12}, 2^7\})$	2359296
12	$\mathcal{O}(1; \{12^2, 6, 4^{12}, 3^3, 2^3\})$	25952256
12	$\mathcal{O}(1; \{12^2, 6, 4^{14}, 2^4\})$	9437184
12	$\mathcal{O}(1; \{12^2, 6, 4^{14}, 3^3\})$	103809024
12	$\mathcal{O}(1; \{12^2, 6, 4^{16}, 2\})$	37748736

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^2, 3, 2^{22}\})$	2880
12	$\mathcal{O}(1; \{12^2, 6^2, 3^4, 2^{18}\})$	24768
12	$\mathcal{O}(1; \{12^2, 6^2, 3^7, 2^{14}\})$	196416
12	$\mathcal{O}(1; \{12^2, 6^2, 3^{10}, 2^{10}\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^2, 3^{13}, 2^6\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^2, 3^{16}, 2^2\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3, 2^{19}\})$	11520
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^4, 2^{15}\})$	99072
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^7, 2^{11}\})$	785664
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^{10}, 2^7\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^{13}, 2^3\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3, 2^{16}\})$	46080
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^4, 2^{12}\})$	396288
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^7, 2^8\})$	3142656
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^{10}, 2^4\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^{13}\})$	201323520
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3, 2^{13}\})$	184320
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3^4, 2^9\})$	1585152
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3^7, 2^5\})$	12570624
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3^{10}, 2\})$	100675584
12	$\mathcal{O}(1; \{12^2, 6^2, 4^8, 3, 2^{10}\})$	737280
12	$\mathcal{O}(1; \{12^2, 6^2, 4^8, 3^4, 2^6\})$	6340608
12	$\mathcal{O}(1; \{12^2, 6^2, 4^8, 3^7, 2^2\})$	50282496
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{10}, 3, 2^7\})$	2949120
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{10}, 3^4, 2^3\})$	25362432
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{12}, 3, 2^4\})$	11796480
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{12}, 3^4\})$	101449728
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{14}, 3, 2\})$	47185920
12	$\mathcal{O}(1; \{12^2, 6^3, 3^2, 2^{19}\})$	12096
12	$\mathcal{O}(1; \{12^2, 6^3, 3^5, 2^{15}\})$	98496
12	$\mathcal{O}(1; \{12^2, 6^3, 3^8, 2^{11}\})$	786240
12	$\mathcal{O}(1; \{12^2, 6^3, 3^{11}, 2^7\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^3, 3^{14}, 2^3\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^2, 2^{16}\})$	48384
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^5, 2^{12}\})$	393984
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^8, 2^8\})$	3144960
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^{11}, 2^4\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^{14}\})$	201325824
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^2, 2^{13}\})$	193536
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^5, 2^9\})$	1575936
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^8, 2^5\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^{11}, 2\})$	100666368
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 3^2, 2^{10}\})$	774144

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 3^5, 2^6\})$	6303744
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 3^8, 2^2\})$	50319360
12	$\mathcal{O}(1; \{12^2, 6^3, 4^8, 3^2, 2^7\})$	3096576
12	$\mathcal{O}(1; \{12^2, 6^3, 4^8, 3^5, 2^3\})$	25214976
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{10}, 3^2, 2^4\})$	12386304
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{10}, 3^5\})$	100859904
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{12}, 3^2, 2\})$	49545216
12	$\mathcal{O}(1; \{12^2, 6^4, 2^{20}\})$	6336
12	$\mathcal{O}(1; \{12^2, 6^4, 3^3, 2^{16}\})$	48960
12	$\mathcal{O}(1; \{12^2, 6^4, 3^6, 2^{12}\})$	393408
12	$\mathcal{O}(1; \{12^2, 6^4, 3^9, 2^8\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^4, 3^{12}, 2^4\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^4, 3^{15}\})$	201326400
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 2^{17}\})$	25344
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^3, 2^{13}\})$	195840
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^6, 2^9\})$	1573632
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^9, 2^5\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^{12}, 2\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 2^{14}\})$	101376
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3^3, 2^{10}\})$	783360
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3^6, 2^6\})$	6294528
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3^9, 2^2\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^4, 4^6, 2^{11}\})$	405504
12	$\mathcal{O}(1; \{12^2, 6^4, 4^6, 3^3, 2^7\})$	3133440
12	$\mathcal{O}(1; \{12^2, 6^4, 4^6, 3^6, 2^3\})$	25178112
12	$\mathcal{O}(1; \{12^2, 6^4, 4^8, 2^8\})$	1622016
12	$\mathcal{O}(1; \{12^2, 6^4, 4^8, 3^3, 2^4\})$	12533760
12	$\mathcal{O}(1; \{12^2, 6^4, 4^8, 3^6\})$	100712448
12	$\mathcal{O}(1; \{12^2, 6^4, 4^{10}, 2^5\})$	6488064
12	$\mathcal{O}(1; \{12^2, 6^4, 4^{10}, 3^3, 2\})$	50135040
12	$\mathcal{O}(1; \{12^2, 6^4, 4^{12}, 2^2\})$	25952256
12	$\mathcal{O}(1; \{12^2, 6^5, 3, 2^{17}\})$	24768
12	$\mathcal{O}(1; \{12^2, 6^5, 3^4, 2^{13}\})$	196416
12	$\mathcal{O}(1; \{12^2, 6^5, 3^7, 2^9\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^5, 3^{10}, 2^5\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^5, 3^{13}, 2\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3, 2^{14}\})$	99072
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^4, 2^{10}\})$	785664
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^7, 2^6\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^{10}, 2^2\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 3, 2^{11}\})$	396288
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 3^4, 2^7\})$	3142656
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 3^7, 2^3\})$	25168896

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^5, 4^6, 3, 2^8\})$	1585152
12	$\mathcal{O}(1; \{12^2, 6^5, 4^6, 3^4, 2^4\})$	12570624
12	$\mathcal{O}(1; \{12^2, 6^5, 4^6, 3^7\})$	100675584
12	$\mathcal{O}(1; \{12^2, 6^5, 4^8, 3, 2^5\})$	6340608
12	$\mathcal{O}(1; \{12^2, 6^5, 4^8, 3^4, 2\})$	50282496
12	$\mathcal{O}(1; \{12^2, 6^5, 4^{10}, 3, 2^2\})$	25362432
12	$\mathcal{O}(1; \{12^2, 6^6, 3^2, 2^{14}\})$	98496
12	$\mathcal{O}(1; \{12^2, 6^6, 3^5, 2^{10}\})$	786240
12	$\mathcal{O}(1; \{12^2, 6^6, 3^8, 2^6\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^6, 3^{11}, 2^2\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3^2, 2^{11}\})$	393984
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3^5, 2^7\})$	3144960
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3^8, 2^3\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^6, 4^4, 3^2, 2^8\})$	1575936
12	$\mathcal{O}(1; \{12^2, 6^6, 4^4, 3^5, 2^4\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6^6, 4^4, 3^8\})$	100666368
12	$\mathcal{O}(1; \{12^2, 6^6, 4^6, 3^2, 2^5\})$	6303744
12	$\mathcal{O}(1; \{12^2, 6^6, 4^6, 3^5, 2\})$	50319360
12	$\mathcal{O}(1; \{12^2, 6^6, 4^8, 3^2, 2^2\})$	25214976
12	$\mathcal{O}(1; \{12^2, 6^7, 2^{15}\})$	48960
12	$\mathcal{O}(1; \{12^2, 6^7, 3^3, 2^{11}\})$	393408
12	$\mathcal{O}(1; \{12^2, 6^7, 3^6, 2^7\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^7, 3^9, 2^3\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 2^{12}\})$	195840
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 3^3, 2^8\})$	1573632
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 3^6, 2^4\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 3^9\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6^7, 4^4, 2^9\})$	783360
12	$\mathcal{O}(1; \{12^2, 6^7, 4^4, 3^3, 2^5\})$	6294528
12	$\mathcal{O}(1; \{12^2, 6^7, 4^4, 3^6, 2\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^7, 4^6, 2^6\})$	3133440
12	$\mathcal{O}(1; \{12^2, 6^7, 4^6, 3^3, 2^2\})$	25178112
12	$\mathcal{O}(1; \{12^2, 6^7, 4^8, 2^3\})$	12533760
12	$\mathcal{O}(1; \{12^2, 6^7, 4^{10}\})$	50135040
12	$\mathcal{O}(1; \{12^2, 6^8, 3, 2^{12}\})$	196416
12	$\mathcal{O}(1; \{12^2, 6^8, 3^4, 2^8\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^8, 3^7, 2^4\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^8, 3^{10}\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^8, 4^2, 3, 2^9\})$	785664
12	$\mathcal{O}(1; \{12^2, 6^8, 4^2, 3^4, 2^5\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6^8, 4^2, 3^7, 2\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^8, 4^4, 3, 2^6\})$	3142656
12	$\mathcal{O}(1; \{12^2, 6^8, 4^4, 3^4, 2^2\})$	25168896

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^8, 4^6, 3, 2^3\})$	12570624
12	$\mathcal{O}(1; \{12^2, 6^8, 4^8, 3\})$	50282496
12	$\mathcal{O}(1; \{12^2, 6^9, 3^2, 2^9\})$	786240
12	$\mathcal{O}(1; \{12^2, 6^9, 3^5, 2^5\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^9, 3^8, 2\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^9, 4^2, 3^2, 2^6\})$	3144960
12	$\mathcal{O}(1; \{12^2, 6^9, 4^2, 3^5, 2^2\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^9, 4^4, 3^2, 2^3\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6^9, 4^6, 3^2\})$	50319360
12	$\mathcal{O}(1; \{12^2, 6^{10}, 2^{10}\})$	393408
12	$\mathcal{O}(1; \{12^2, 6^{10}, 3^3, 2^6\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^{10}, 3^6, 2^2\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^2, 2^7\})$	1573632
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^2, 3^3, 2^3\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^4, 2^4\})$	6294528
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^4, 3^3\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^6, 2\})$	25178112
12	$\mathcal{O}(1; \{12^2, 6^{11}, 3, 2^7\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^{11}, 3^4, 2^3\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^2, 3, 2^4\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^2, 3^4\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^4, 3, 2\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6^{12}, 3^2, 2^4\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^{12}, 3^5\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^{12}, 4^2, 3^2, 2\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^{13}, 2^5\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^{13}, 3^3, 2\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^{13}, 4^2, 2^2\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^{14}, 3, 2^2\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^{16}\})$	25166016
12	$\mathcal{O}(1; \{12^3, 4, 3, 2^{22}\})$	6912
12	$\mathcal{O}(1; \{12^3, 4, 3^4, 2^{18}\})$	48384
12	$\mathcal{O}(1; \{12^3, 4, 3^7, 2^{14}\})$	393984
12	$\mathcal{O}(1; \{12^3, 4, 3^{10}, 2^{10}\})$	3144960
12	$\mathcal{O}(1; \{12^3, 4, 3^{13}, 2^6\})$	25166592
12	$\mathcal{O}(1; \{12^3, 4, 3^{16}, 2^2\})$	201325824
12	$\mathcal{O}(1; \{12^3, 4^3, 3, 2^{19}\})$	27648
12	$\mathcal{O}(1; \{12^3, 4^3, 3^4, 2^{15}\})$	193536
12	$\mathcal{O}(1; \{12^3, 4^3, 3^7, 2^{11}\})$	1575936
12	$\mathcal{O}(1; \{12^3, 4^3, 3^{10}, 2^7\})$	12579840
12	$\mathcal{O}(1; \{12^3, 4^3, 3^{13}, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12^3, 4^5, 3, 2^{16}\})$	110592
12	$\mathcal{O}(1; \{12^3, 4^5, 3^4, 2^{12}\})$	774144

Continued on next page

Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 4^5, 3^7, 2^8\})$	6303744
12	$\mathcal{O}(1; \{12^3, 4^5, 3^{10}, 2^4\})$	50319360
12	$\mathcal{O}(1; \{12^3, 4^5, 3^{13}\})$	402665472
12	$\mathcal{O}(1; \{12^3, 4^7, 3, 2^{13}\})$	442368
12	$\mathcal{O}(1; \{12^3, 4^7, 3^4, 2^9\})$	3096576
12	$\mathcal{O}(1; \{12^3, 4^7, 3^7, 2^5\})$	25214976
12	$\mathcal{O}(1; \{12^3, 4^7, 3^{10}, 2\})$	201277440
12	$\mathcal{O}(1; \{12^3, 4^9, 3, 2^{10}\})$	1769472
12	$\mathcal{O}(1; \{12^3, 4^9, 3^4, 2^6\})$	12386304
12	$\mathcal{O}(1; \{12^3, 4^9, 3^7, 2^2\})$	100859904
12	$\mathcal{O}(1; \{12^3, 4^{11}, 3, 2^7\})$	7077888
12	$\mathcal{O}(1; \{12^3, 4^{11}, 3^4, 2^3\})$	49545216
12	$\mathcal{O}(1; \{12^3, 4^{13}, 3, 2^4\})$	28311552
12	$\mathcal{O}(1; \{12^3, 4^{13}, 3^4\})$	198180864
12	$\mathcal{O}(1; \{12^3, 4^{15}, 3, 2\})$	113246208
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^2, 2^{19}\})$	25344
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^5, 2^{15}\})$	195840
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^8, 2^{11}\})$	1573632
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^{11}, 2^7\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^{14}, 2^3\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^2, 2^{16}\})$	101376
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^5, 2^{12}\})$	783360
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^8, 2^8\})$	6294528
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^{11}, 2^4\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^{14}\})$	402656256
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^2, 2^{13}\})$	405504
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^5, 2^9\})$	3133440
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^8, 2^5\})$	25178112
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^{11}, 2\})$	201314304
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 3^2, 2^{10}\})$	1622016
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 3^5, 2^6\})$	12533760
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 3^8, 2^2\})$	100712448
12	$\mathcal{O}(1; \{12^3, 6, 4^9, 3^2, 2^7\})$	6488064
12	$\mathcal{O}(1; \{12^3, 6, 4^9, 3^5, 2^3\})$	50135040
12	$\mathcal{O}(1; \{12^3, 6, 4^{11}, 3^2, 2^4\})$	25952256
12	$\mathcal{O}(1; \{12^3, 6, 4^{11}, 3^5\})$	200540160
12	$\mathcal{O}(1; \{12^3, 6, 4^{13}, 3^2, 2\})$	103809024
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 2^{20}\})$	11520
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^3, 2^{16}\})$	99072
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^6, 2^{12}\})$	785664
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^9, 2^8\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^{12}, 2^4\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^{15}\})$	402653952

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 2^{17}\})$	46080
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^3, 2^{13}\})$	396288
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^6, 2^9\})$	3142656
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^9, 2^5\})$	25168896
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^{12}, 2\})$	201323520
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 2^{14}\})$	184320
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3^3, 2^{10}\})$	1585152
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3^6, 2^6\})$	12570624
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3^9, 2^2\})$	100675584
12	$\mathcal{O}(1; \{12^3, 6^2, 4^7, 2^{11}\})$	737280
12	$\mathcal{O}(1; \{12^3, 6^2, 4^7, 3^3, 2^7\})$	6340608
12	$\mathcal{O}(1; \{12^3, 6^2, 4^7, 3^6, 2^3\})$	50282496
12	$\mathcal{O}(1; \{12^3, 6^2, 4^9, 2^8\})$	2949120
12	$\mathcal{O}(1; \{12^3, 6^2, 4^9, 3^3, 2^4\})$	25362432
12	$\mathcal{O}(1; \{12^3, 6^2, 4^9, 3^6\})$	201129984
12	$\mathcal{O}(1; \{12^3, 6^2, 4^{11}, 2^5\})$	11796480
12	$\mathcal{O}(1; \{12^3, 6^2, 4^{11}, 3^3, 2\})$	101449728
12	$\mathcal{O}(1; \{12^3, 6^2, 4^{13}, 2^2\})$	47185920
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3, 2^{17}\})$	48384
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^4, 2^{13}\})$	393984
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^7, 2^9\})$	3144960
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^{10}, 2^5\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^{13}, 2\})$	201325824
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3, 2^{14}\})$	193536
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^4, 2^{10}\})$	1575936
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^7, 2^6\})$	12579840
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^{10}, 2^2\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 3, 2^{11}\})$	774144
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 3^4, 2^7\})$	6303744
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 3^7, 2^3\})$	50319360
12	$\mathcal{O}(1; \{12^3, 6^3, 4^7, 3, 2^8\})$	3096576
12	$\mathcal{O}(1; \{12^3, 6^3, 4^7, 3^4, 2^4\})$	25214976
12	$\mathcal{O}(1; \{12^3, 6^3, 4^7, 3^7\})$	201277440
12	$\mathcal{O}(1; \{12^3, 6^3, 4^9, 3, 2^5\})$	12386304
12	$\mathcal{O}(1; \{12^3, 6^3, 4^9, 3^4, 2\})$	100859904
12	$\mathcal{O}(1; \{12^3, 6^3, 4^{11}, 3, 2^2\})$	49545216
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^2, 2^{14}\})$	195840
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^5, 2^{10}\})$	1573632
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^8, 2^6\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^{11}, 2^2\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3^2, 2^{11}\})$	783360
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3^5, 2^7\})$	6294528
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3^8, 2^3\})$	50328576

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 6^4, 4^5, 3^2, 2^8\})$	3133440
12	$\mathcal{O}(1; \{12^3, 6^4, 4^5, 3^5, 2^4\})$	25178112
12	$\mathcal{O}(1; \{12^3, 6^4, 4^5, 3^8\})$	201314304
12	$\mathcal{O}(1; \{12^3, 6^4, 4^7, 3^2, 2^5\})$	12533760
12	$\mathcal{O}(1; \{12^3, 6^4, 4^7, 3^5, 2\})$	100712448
12	$\mathcal{O}(1; \{12^3, 6^4, 4^9, 3^2, 2^2\})$	50135040
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 2^{15}\})$	99072
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^3, 2^{11}\})$	785664
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^6, 2^7\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^9, 2^3\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 2^{12}\})$	396288
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 3^3, 2^8\})$	3142656
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 3^6, 2^4\})$	25168896
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 3^9\})$	201323520
12	$\mathcal{O}(1; \{12^3, 6^5, 4^5, 2^9\})$	1585152
12	$\mathcal{O}(1; \{12^3, 6^5, 4^5, 3^3, 2^5\})$	12570624
12	$\mathcal{O}(1; \{12^3, 6^5, 4^5, 3^6, 2\})$	100675584
12	$\mathcal{O}(1; \{12^3, 6^5, 4^7, 2^6\})$	6340608
12	$\mathcal{O}(1; \{12^3, 6^5, 4^7, 3^3, 2^2\})$	50282496
12	$\mathcal{O}(1; \{12^3, 6^5, 4^9, 2^3\})$	25362432
12	$\mathcal{O}(1; \{12^3, 6^5, 4^{11}\})$	101449728
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3, 2^{12}\})$	393984
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3^4, 2^8\})$	3144960
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3^7, 2^4\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3^{10}\})$	201325824
12	$\mathcal{O}(1; \{12^3, 6^6, 4^3, 3, 2^9\})$	1575936
12	$\mathcal{O}(1; \{12^3, 6^6, 4^3, 3^4, 2^5\})$	12579840
12	$\mathcal{O}(1; \{12^3, 6^6, 4^3, 3^7, 2\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^6, 4^5, 3, 2^6\})$	6303744
12	$\mathcal{O}(1; \{12^3, 6^6, 4^5, 3^4, 2^2\})$	50319360
12	$\mathcal{O}(1; \{12^3, 6^6, 4^7, 3, 2^3\})$	25214976
12	$\mathcal{O}(1; \{12^3, 6^6, 4^9, 3\})$	100859904
12	$\mathcal{O}(1; \{12^3, 6^7, 4, 3^2, 2^9\})$	1573632
12	$\mathcal{O}(1; \{12^3, 6^7, 4, 3^5, 2^5\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6^7, 4, 3^8, 2\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^7, 4^3, 3^2, 2^6\})$	6294528
12	$\mathcal{O}(1; \{12^3, 6^7, 4^3, 3^5, 2^2\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6^7, 4^5, 3^2, 2^3\})$	25178112
12	$\mathcal{O}(1; \{12^3, 6^7, 4^7, 3^2\})$	100712448
12	$\mathcal{O}(1; \{12^3, 6^8, 4, 2^{10}\})$	785664
12	$\mathcal{O}(1; \{12^3, 6^8, 4, 3^3, 2^6\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6^8, 4, 3^6, 2^2\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^8, 4^3, 2^7\})$	3142656

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 6^8, 4^3, 3^3, 2^3\})$	25168896
12	$\mathcal{O}(1; \{12^3, 6^8, 4^5, 2^4\})$	12570624
12	$\mathcal{O}(1; \{12^3, 6^8, 4^5, 3^3\})$	100675584
12	$\mathcal{O}(1; \{12^3, 6^8, 4^7, 2\})$	50282496
12	$\mathcal{O}(1; \{12^3, 6^9, 4, 3, 2^7\})$	3144960
12	$\mathcal{O}(1; \{12^3, 6^9, 4, 3^4, 2^3\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^9, 4^3, 3, 2^4\})$	12579840
12	$\mathcal{O}(1; \{12^3, 6^9, 4^3, 3^4\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^9, 4^5, 3, 2\})$	50319360
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4, 3^2, 2^4\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4, 3^5\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4^3, 3^2, 2\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6^{11}, 4, 2^5\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6^{11}, 4, 3^3, 2\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^{11}, 4^3, 2^2\})$	25168896
12	$\mathcal{O}(1; \{12^3, 6^{12}, 4, 3, 2^2\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^{14}, 4\})$	50330880
12	$\mathcal{O}(1; \{12^4, 2^{23}\})$	6912
12	$\mathcal{O}(1; \{12^4, 3^3, 2^{19}\})$	48384
12	$\mathcal{O}(1; \{12^4, 3^6, 2^{15}\})$	393984
12	$\mathcal{O}(1; \{12^4, 3^9, 2^{11}\})$	3144960
12	$\mathcal{O}(1; \{12^4, 3^{12}, 2^7\})$	25166592
12	$\mathcal{O}(1; \{12^4, 3^{15}, 2^3\})$	201325824
12	$\mathcal{O}(1; \{12^4, 4^2, 2^{20}\})$	27648
12	$\mathcal{O}(1; \{12^4, 4^2, 3^3, 2^{16}\})$	193536
12	$\mathcal{O}(1; \{12^4, 4^2, 3^6, 2^{12}\})$	1575936
12	$\mathcal{O}(1; \{12^4, 4^2, 3^9, 2^8\})$	12579840
12	$\mathcal{O}(1; \{12^4, 4^2, 3^{12}, 2^4\})$	100666368
12	$\mathcal{O}(1; \{12^4, 4^2, 3^{15}\})$	805303296
12	$\mathcal{O}(1; \{12^4, 4^4, 2^{17}\})$	110592
12	$\mathcal{O}(1; \{12^4, 4^4, 3^3, 2^{13}\})$	774144
12	$\mathcal{O}(1; \{12^4, 4^4, 3^6, 2^9\})$	6303744
12	$\mathcal{O}(1; \{12^4, 4^4, 3^9, 2^5\})$	50319360
12	$\mathcal{O}(1; \{12^4, 4^4, 3^{12}, 2\})$	402665472
12	$\mathcal{O}(1; \{12^4, 4^6, 2^{14}\})$	442368
12	$\mathcal{O}(1; \{12^4, 4^6, 3^3, 2^{10}\})$	3096576
12	$\mathcal{O}(1; \{12^4, 4^6, 3^6, 2^6\})$	25214976
12	$\mathcal{O}(1; \{12^4, 4^6, 3^9, 2^2\})$	201277440
12	$\mathcal{O}(1; \{12^4, 4^8, 2^{11}\})$	1769472
12	$\mathcal{O}(1; \{12^4, 4^8, 3^3, 2^7\})$	12386304
12	$\mathcal{O}(1; \{12^4, 4^8, 3^6, 2^3\})$	100859904
12	$\mathcal{O}(1; \{12^4, 4^{10}, 2^8\})$	7077888
12	$\mathcal{O}(1; \{12^4, 4^{10}, 3^3, 2^4\})$	49545216

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 4^{10}, 3^6\})$	403439616
12	$\mathcal{O}(1; \{12^4, 4^{12}, 2^5\})$	28311552
12	$\mathcal{O}(1; \{12^4, 4^{12}, 3^3, 2\})$	198180864
12	$\mathcal{O}(1; \{12^4, 4^{14}, 2^2\})$	113246208
12	$\mathcal{O}(1; \{12^4, 6, 3, 2^{20}\})$	25344
12	$\mathcal{O}(1; \{12^4, 6, 3^4, 2^{16}\})$	195840
12	$\mathcal{O}(1; \{12^4, 6, 3^7, 2^{12}\})$	1573632
12	$\mathcal{O}(1; \{12^4, 6, 3^{10}, 2^8\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6, 3^{13}, 2^4\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6, 3^{16}\})$	805305600
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3, 2^{17}\})$	101376
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^4, 2^{13}\})$	783360
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^7, 2^9\})$	6294528
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^{10}, 2^5\})$	50328576
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^{13}, 2\})$	402656256
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3, 2^{14}\})$	405504
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^4, 2^{10}\})$	3133440
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^7, 2^6\})$	25178112
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^{10}, 2^2\})$	201314304
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 3, 2^{11}\})$	1622016
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 3^4, 2^7\})$	12533760
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 3^7, 2^3\})$	100712448
12	$\mathcal{O}(1; \{12^4, 6, 4^8, 3, 2^8\})$	6488064
12	$\mathcal{O}(1; \{12^4, 6, 4^8, 3^4, 2^4\})$	50135040
12	$\mathcal{O}(1; \{12^4, 6, 4^8, 3^7\})$	402849792
12	$\mathcal{O}(1; \{12^4, 6, 4^{10}, 3, 2^5\})$	25952256
12	$\mathcal{O}(1; \{12^4, 6, 4^{10}, 3^4, 2\})$	200540160
12	$\mathcal{O}(1; \{12^4, 6, 4^{12}, 3, 2^2\})$	103809024
12	$\mathcal{O}(1; \{12^4, 6^2, 3^2, 2^{17}\})$	99072
12	$\mathcal{O}(1; \{12^4, 6^2, 3^5, 2^{13}\})$	785664
12	$\mathcal{O}(1; \{12^4, 6^2, 3^8, 2^9\})$	6292224
12	$\mathcal{O}(1; \{12^4, 6^2, 3^{11}, 2^5\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^2, 3^{14}, 2\})$	402653952
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^2, 2^{14}\})$	396288
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^5, 2^{10}\})$	3142656
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^8, 2^6\})$	25168896
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^{11}, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3^2, 2^{11}\})$	1585152
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3^5, 2^7\})$	12570624
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3^8, 2^3\})$	100675584
12	$\mathcal{O}(1; \{12^4, 6^2, 4^6, 3^2, 2^8\})$	6340608
12	$\mathcal{O}(1; \{12^4, 6^2, 4^6, 3^5, 2^4\})$	50282496
12	$\mathcal{O}(1; \{12^4, 6^2, 4^6, 3^8\})$	402702336

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 6^2, 4^8, 3^2, 2^5\})$	25362432
12	$\mathcal{O}(1; \{12^4, 6^2, 4^8, 3^5, 2\})$	201129984
12	$\mathcal{O}(1; \{12^4, 6^2, 4^{10}, 3^2, 2^2\})$	101449728
12	$\mathcal{O}(1; \{12^4, 6^3, 2^{18}\})$	48384
12	$\mathcal{O}(1; \{12^4, 6^3, 3^3, 2^{14}\})$	393984
12	$\mathcal{O}(1; \{12^4, 6^3, 3^6, 2^{10}\})$	3144960
12	$\mathcal{O}(1; \{12^4, 6^3, 3^9, 2^6\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^3, 3^{12}, 2^2\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 2^{15}\})$	193536
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^3, 2^{11}\})$	1575936
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^6, 2^7\})$	12579840
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^9, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 2^{12}\})$	774144
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 3^3, 2^8\})$	6303744
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 3^6, 2^4\})$	50319360
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 3^9\})$	402665472
12	$\mathcal{O}(1; \{12^4, 6^3, 4^6, 2^9\})$	3096576
12	$\mathcal{O}(1; \{12^4, 6^3, 4^6, 3^3, 2^5\})$	25214976
12	$\mathcal{O}(1; \{12^4, 6^3, 4^6, 3^6, 2\})$	201277440
12	$\mathcal{O}(1; \{12^4, 6^3, 4^8, 2^6\})$	12386304
12	$\mathcal{O}(1; \{12^4, 6^3, 4^8, 3^3, 2^2\})$	100859904
12	$\mathcal{O}(1; \{12^4, 6^3, 4^{10}, 2^3\})$	49545216
12	$\mathcal{O}(1; \{12^4, 6^3, 4^{12}\})$	198180864
12	$\mathcal{O}(1; \{12^4, 6^4, 3, 2^{15}\})$	195840
12	$\mathcal{O}(1; \{12^4, 6^4, 3^4, 2^{11}\})$	1573632
12	$\mathcal{O}(1; \{12^4, 6^4, 3^7, 2^7\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6^4, 3^{10}, 2^3\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3, 2^{12}\})$	783360
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3^4, 2^8\})$	6294528
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3^7, 2^4\})$	50328576
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3^{10}\})$	402656256
12	$\mathcal{O}(1; \{12^4, 6^4, 4^4, 3, 2^9\})$	3133440
12	$\mathcal{O}(1; \{12^4, 6^4, 4^4, 3^4, 2^5\})$	25178112
12	$\mathcal{O}(1; \{12^4, 6^4, 4^4, 3^7, 2\})$	201314304
12	$\mathcal{O}(1; \{12^4, 6^4, 4^6, 3, 2^6\})$	12533760
12	$\mathcal{O}(1; \{12^4, 6^4, 4^6, 3^4, 2^2\})$	100712448
12	$\mathcal{O}(1; \{12^4, 6^4, 4^8, 3, 2^3\})$	50135040
12	$\mathcal{O}(1; \{12^4, 6^4, 4^{10}, 3\})$	200540160
12	$\mathcal{O}(1; \{12^4, 6^5, 3^2, 2^{12}\})$	785664
12	$\mathcal{O}(1; \{12^4, 6^5, 3^5, 2^8\})$	6292224
12	$\mathcal{O}(1; \{12^4, 6^5, 3^8, 2^4\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^5, 3^{11}\})$	402653952
12	$\mathcal{O}(1; \{12^4, 6^5, 4^2, 3^2, 2^9\})$	3142656

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 6^5, 4^2, 3^5, 2^5\})$	25168896
12	$\mathcal{O}(1; \{12^4, 6^5, 4^2, 3^8, 2\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6^5, 4^4, 3^2, 2^6\})$	12570624
12	$\mathcal{O}(1; \{12^4, 6^5, 4^4, 3^5, 2^2\})$	100675584
12	$\mathcal{O}(1; \{12^4, 6^5, 4^6, 3^2, 2^3\})$	50282496
12	$\mathcal{O}(1; \{12^4, 6^5, 4^8, 3^2\})$	201129984
12	$\mathcal{O}(1; \{12^4, 6^6, 2^{13}\})$	393984
12	$\mathcal{O}(1; \{12^4, 6^6, 3^3, 2^9\})$	3144960
12	$\mathcal{O}(1; \{12^4, 6^6, 3^6, 2^5\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^6, 3^9, 2\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6^6, 4^2, 2^{10}\})$	1575936
12	$\mathcal{O}(1; \{12^4, 6^6, 4^2, 3^3, 2^6\})$	12579840
12	$\mathcal{O}(1; \{12^4, 6^6, 4^2, 3^6, 2^2\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^6, 4^4, 2^7\})$	6303744
12	$\mathcal{O}(1; \{12^4, 6^6, 4^4, 3^3, 2^3\})$	50319360
12	$\mathcal{O}(1; \{12^4, 6^6, 4^6, 2^4\})$	25214976
12	$\mathcal{O}(1; \{12^4, 6^6, 4^6, 3^3\})$	201277440
12	$\mathcal{O}(1; \{12^4, 6^6, 4^8, 2\})$	100859904
12	$\mathcal{O}(1; \{12^4, 6^7, 3, 2^{10}\})$	1573632
12	$\mathcal{O}(1; \{12^4, 6^7, 3^4, 2^6\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6^7, 3^7, 2^2\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^7, 4^2, 3, 2^7\})$	6294528
12	$\mathcal{O}(1; \{12^4, 6^7, 4^2, 3^4, 2^3\})$	50328576
12	$\mathcal{O}(1; \{12^4, 6^7, 4^4, 3, 2^4\})$	25178112
12	$\mathcal{O}(1; \{12^4, 6^7, 4^4, 3^4\})$	201314304
12	$\mathcal{O}(1; \{12^4, 6^7, 4^6, 3, 2\})$	100712448
12	$\mathcal{O}(1; \{12^4, 6^8, 3^2, 2^7\})$	6292224
12	$\mathcal{O}(1; \{12^4, 6^8, 3^5, 2^3\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^8, 4^2, 3^2, 2^4\})$	25168896
12	$\mathcal{O}(1; \{12^4, 6^8, 4^2, 3^5\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6^8, 4^4, 3^2, 2\})$	100675584
12	$\mathcal{O}(1; \{12^4, 6^9, 2^8\})$	3144960
12	$\mathcal{O}(1; \{12^4, 6^9, 3^3, 2^4\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^9, 3^6\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6^9, 4^2, 2^5\})$	12579840
12	$\mathcal{O}(1; \{12^4, 6^9, 4^2, 3^3, 2\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^9, 4^4, 2^2\})$	50319360
12	$\mathcal{O}(1; \{12^4, 6^{10}, 3, 2^9\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6^{10}, 3^4, 2\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^{10}, 4^2, 3, 2^2\})$	50328576
12	$\mathcal{O}(1; \{12^4, 6^{11}, 3^2, 2^2\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^{12}, 2^3\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^{12}, 4^2\})$	100666368

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 6^{13}, 3\})$	100664064
12	$\mathcal{O}(1; \{12^5, 4, 3^2, 2^{17}\})$	193536
12	$\mathcal{O}(1; \{12^5, 4, 3^5, 2^{13}\})$	1575936
12	$\mathcal{O}(1; \{12^5, 4, 3^8, 2^9\})$	12579840
12	$\mathcal{O}(1; \{12^5, 4, 3^{11}, 2^5\})$	100666368
12	$\mathcal{O}(1; \{12^5, 4, 3^{14}, 2\})$	805303296
12	$\mathcal{O}(1; \{12^5, 4^3, 3^2, 2^{14}\})$	774144
12	$\mathcal{O}(1; \{12^5, 4^3, 3^5, 2^{10}\})$	6303744
12	$\mathcal{O}(1; \{12^5, 4^3, 3^8, 2^6\})$	50319360
12	$\mathcal{O}(1; \{12^5, 4^3, 3^{11}, 2^2\})$	402665472
12	$\mathcal{O}(1; \{12^5, 4^5, 3^2, 2^{11}\})$	3096576
12	$\mathcal{O}(1; \{12^5, 4^5, 3^5, 2^7\})$	25214976
12	$\mathcal{O}(1; \{12^5, 4^5, 3^8, 2^3\})$	201277440
12	$\mathcal{O}(1; \{12^5, 4^7, 3^2, 2^8\})$	12386304
12	$\mathcal{O}(1; \{12^5, 4^7, 3^5, 2^4\})$	100859904
12	$\mathcal{O}(1; \{12^5, 4^7, 3^8\})$	805109760
12	$\mathcal{O}(1; \{12^5, 4^9, 3^2, 2^5\})$	49545216
12	$\mathcal{O}(1; \{12^5, 4^9, 3^5, 2\})$	403439616
12	$\mathcal{O}(1; \{12^5, 4^{11}, 3^2, 2^2\})$	198180864
12	$\mathcal{O}(1; \{12^5, 6, 4, 2^{18}\})$	101376
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^3, 2^{14}\})$	783360
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^6, 2^{10}\})$	6294528
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^9, 2^6\})$	50328576
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^{12}, 2^2\})$	402656256
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 2^{15}\})$	405504
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^3, 2^{11}\})$	3133440
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^6, 2^7\})$	25178112
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^9, 2^3\})$	201314304
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 2^{12}\})$	1622016
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 3^3, 2^8\})$	12533760
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 3^6, 2^4\})$	100712448
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 3^9\})$	805257216
12	$\mathcal{O}(1; \{12^5, 6, 4^7, 2^9\})$	6488064
12	$\mathcal{O}(1; \{12^5, 6, 4^7, 3^3, 2^5\})$	50135040
12	$\mathcal{O}(1; \{12^5, 6, 4^7, 3^6, 2\})$	402849792
12	$\mathcal{O}(1; \{12^5, 6, 4^9, 2^6\})$	25952256
12	$\mathcal{O}(1; \{12^5, 6, 4^9, 3^3, 2^2\})$	200540160
12	$\mathcal{O}(1; \{12^5, 6, 4^{11}, 2^3\})$	103809024
12	$\mathcal{O}(1; \{12^5, 6, 4^{13}\})$	415236096
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3, 2^{15}\})$	396288
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^4, 2^{11}\})$	3142656
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^7, 2^7\})$	25168896
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^{10}, 2^3\})$	201323520

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3, 2^{12}\})$	1585152
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3^4, 2^8\})$	12570624
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3^7, 2^4\})$	100675584
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3^{10}\})$	805294080
12	$\mathcal{O}(1; \{12^5, 6^2, 4^5, 3, 2^9\})$	6340608
12	$\mathcal{O}(1; \{12^5, 6^2, 4^5, 3^4, 2^5\})$	50282496
12	$\mathcal{O}(1; \{12^5, 6^2, 4^5, 3^7, 2\})$	402702336
12	$\mathcal{O}(1; \{12^5, 6^2, 4^7, 3, 2^6\})$	25362432
12	$\mathcal{O}(1; \{12^5, 6^2, 4^7, 3^4, 2^2\})$	201129984
12	$\mathcal{O}(1; \{12^5, 6^2, 4^9, 3, 2^3\})$	101449728
12	$\mathcal{O}(1; \{12^5, 6^2, 4^{11}, 3\})$	405798912
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^2, 2^{12}\})$	1575936
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^5, 2^8\})$	12579840
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^8, 2^4\})$	100666368
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^{11}\})$	805303296
12	$\mathcal{O}(1; \{12^5, 6^3, 4^3, 3^2, 2^9\})$	6303744
12	$\mathcal{O}(1; \{12^5, 6^3, 4^3, 3^5, 2^5\})$	50319360
12	$\mathcal{O}(1; \{12^5, 6^3, 4^3, 3^8, 2\})$	402665472
12	$\mathcal{O}(1; \{12^5, 6^3, 4^5, 3^2, 2^6\})$	25214976
12	$\mathcal{O}(1; \{12^5, 6^3, 4^5, 3^5, 2^2\})$	201277440
12	$\mathcal{O}(1; \{12^5, 6^3, 4^7, 3^2, 2^3\})$	100859904
12	$\mathcal{O}(1; \{12^5, 6^3, 4^9, 3^2\})$	403439616
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 2^{13}\})$	783360
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 3^3, 2^9\})$	6294528
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 3^6, 2^5\})$	50328576
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 3^9, 2\})$	402656256
12	$\mathcal{O}(1; \{12^5, 6^4, 4^3, 2^{10}\})$	3133440
12	$\mathcal{O}(1; \{12^5, 6^4, 4^3, 3^3, 2^6\})$	25178112
12	$\mathcal{O}(1; \{12^5, 6^4, 4^3, 3^6, 2^2\})$	201314304
12	$\mathcal{O}(1; \{12^5, 6^4, 4^5, 2^7\})$	12533760
12	$\mathcal{O}(1; \{12^5, 6^4, 4^5, 3^3, 2^3\})$	100712448
12	$\mathcal{O}(1; \{12^5, 6^4, 4^7, 2^4\})$	50135040
12	$\mathcal{O}(1; \{12^5, 6^4, 4^7, 3^3\})$	402849792
12	$\mathcal{O}(1; \{12^5, 6^4, 4^9, 2\})$	200540160
12	$\mathcal{O}(1; \{12^5, 6^5, 4, 3, 2^{10}\})$	3142656
12	$\mathcal{O}(1; \{12^5, 6^5, 4, 3^4, 2^6\})$	25168896
12	$\mathcal{O}(1; \{12^5, 6^5, 4, 3^7, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12^5, 6^5, 4^3, 3, 2^7\})$	12570624
12	$\mathcal{O}(1; \{12^5, 6^5, 4^3, 3^4, 2^3\})$	100675584
12	$\mathcal{O}(1; \{12^5, 6^5, 4^5, 3, 2^4\})$	50282496
12	$\mathcal{O}(1; \{12^5, 6^5, 4^5, 3^4\})$	402702336
12	$\mathcal{O}(1; \{12^5, 6^5, 4^7, 3, 2\})$	201129984
12	$\mathcal{O}(1; \{12^5, 6^6, 4, 3^2, 2^7\})$	12579840

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^5, 6^6, 4, 3^5, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12^5, 6^6, 4^3, 3^2, 2^4\})$	50319360
12	$\mathcal{O}(1; \{12^5, 6^6, 4^3, 3^5\})$	402665472
12	$\mathcal{O}(1; \{12^5, 6^6, 4^5, 3^2, 2\})$	201277440
12	$\mathcal{O}(1; \{12^5, 6^7, 4, 2^8\})$	6294528
12	$\mathcal{O}(1; \{12^5, 6^7, 4, 3^3, 2^4\})$	50328576
12	$\mathcal{O}(1; \{12^5, 6^7, 4, 3^6\})$	402656256
12	$\mathcal{O}(1; \{12^5, 6^7, 4^3, 2^5\})$	25178112
12	$\mathcal{O}(1; \{12^5, 6^7, 4^3, 3^3, 2\})$	201314304
12	$\mathcal{O}(1; \{12^5, 6^7, 4^5, 2^2\})$	100712448
12	$\mathcal{O}(1; \{12^5, 6^8, 4, 3, 2^5\})$	25168896
12	$\mathcal{O}(1; \{12^5, 6^8, 4, 3^4, 2\})$	201323520
12	$\mathcal{O}(1; \{12^5, 6^8, 4^3, 3, 2^2\})$	100675584
12	$\mathcal{O}(1; \{12^5, 6^9, 4, 3^2, 2^2\})$	100666368
12	$\mathcal{O}(1; \{12^5, 6^{10}, 4, 2^3\})$	50328576
12	$\mathcal{O}(1; \{12^5, 6^{10}, 4^3\})$	201314304
12	$\mathcal{O}(1; \{12^5, 6^{11}, 4, 3\})$	201323520
12	$\mathcal{O}(1; \{12^6, 3, 2^{18}\})$	193536
12	$\mathcal{O}(1; \{12^6, 3^4, 2^{14}\})$	1575936
12	$\mathcal{O}(1; \{12^6, 3^7, 2^{10}\})$	12579840
12	$\mathcal{O}(1; \{12^6, 3^{10}, 2^6\})$	100666368
12	$\mathcal{O}(1; \{12^6, 3^{13}, 2^2\})$	805303296
12	$\mathcal{O}(1; \{12^6, 4^2, 3, 2^{15}\})$	774144
12	$\mathcal{O}(1; \{12^6, 4^2, 3^4, 2^{11}\})$	6303744
12	$\mathcal{O}(1; \{12^6, 4^2, 3^7, 2^7\})$	50319360
12	$\mathcal{O}(1; \{12^6, 4^2, 3^{10}, 2^3\})$	402665472
12	$\mathcal{O}(1; \{12^6, 4^4, 3, 2^{12}\})$	3096576
12	$\mathcal{O}(1; \{12^6, 4^4, 3^4, 2^8\})$	25214976
12	$\mathcal{O}(1; \{12^6, 4^4, 3^7, 2^4\})$	201277440
12	$\mathcal{O}(1; \{12^6, 4^4, 3^{10}\})$	1610661888
12	$\mathcal{O}(1; \{12^6, 4^6, 3, 2^9\})$	12386304
12	$\mathcal{O}(1; \{12^6, 4^6, 3^4, 2^5\})$	100859904
12	$\mathcal{O}(1; \{12^6, 4^6, 3^7, 2\})$	805109760
12	$\mathcal{O}(1; \{12^6, 4^8, 3, 2^6\})$	49545216
12	$\mathcal{O}(1; \{12^6, 4^8, 3^4, 2^2\})$	403439616
12	$\mathcal{O}(1; \{12^6, 4^{10}, 3, 2^3\})$	198180864
12	$\mathcal{O}(1; \{12^6, 4^{12}, 3\})$	792723456
12	$\mathcal{O}(1; \{12^6, 6, 3^2, 2^{15}\})$	783360
12	$\mathcal{O}(1; \{12^6, 6, 3^5, 2^{11}\})$	6294528
12	$\mathcal{O}(1; \{12^6, 6, 3^8, 2^7\})$	50328576
12	$\mathcal{O}(1; \{12^6, 6, 3^{11}, 2^3\})$	402656256
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^2, 2^{12}\})$	3133440
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^5, 2^8\})$	25178112

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^8, 2^4\})$	201314304
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^{11}\})$	1610625024
12	$\mathcal{O}(1; \{12^6, 6, 4^4, 3^2, 2^9\})$	12533760
12	$\mathcal{O}(1; \{12^6, 6, 4^4, 3^5, 2^5\})$	100712448
12	$\mathcal{O}(1; \{12^6, 6, 4^4, 3^8, 2\})$	805257216
12	$\mathcal{O}(1; \{12^6, 6, 4^6, 3^2, 2^6\})$	50135040
12	$\mathcal{O}(1; \{12^6, 6, 4^6, 3^5, 2^2\})$	402849792
12	$\mathcal{O}(1; \{12^6, 6, 4^8, 3^2, 2^3\})$	200540160
12	$\mathcal{O}(1; \{12^6, 6, 4^{10}, 3^2\})$	802160640
12	$\mathcal{O}(1; \{12^6, 6^2, 2^{16}\})$	396288
12	$\mathcal{O}(1; \{12^6, 6^2, 3^3, 2^{12}\})$	3142656
12	$\mathcal{O}(1; \{12^6, 6^2, 3^6, 2^8\})$	25168896
12	$\mathcal{O}(1; \{12^6, 6^2, 3^9, 2^4\})$	201323520
12	$\mathcal{O}(1; \{12^6, 6^2, 3^{12}\})$	1610615808
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 2^{13}\})$	1585152
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 3^3, 2^9\})$	12570624
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 3^6, 2^5\})$	100675584
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 3^9, 2\})$	805294080
12	$\mathcal{O}(1; \{12^6, 6^2, 4^4, 2^{10}\})$	6340608
12	$\mathcal{O}(1; \{12^6, 6^2, 4^4, 3^3, 2^6\})$	50282496
12	$\mathcal{O}(1; \{12^6, 6^2, 4^4, 3^6, 2^2\})$	402702336
12	$\mathcal{O}(1; \{12^6, 6^2, 4^6, 2^7\})$	25362432
12	$\mathcal{O}(1; \{12^6, 6^2, 4^6, 3^3, 2^3\})$	201129984
12	$\mathcal{O}(1; \{12^6, 6^2, 4^8, 2^4\})$	101449728
12	$\mathcal{O}(1; \{12^6, 6^2, 4^8, 3^3\})$	804519936
12	$\mathcal{O}(1; \{12^6, 6^2, 4^{10}, 2\})$	405798912
12	$\mathcal{O}(1; \{12^6, 6^3, 3, 2^{13}\})$	1575936
12	$\mathcal{O}(1; \{12^6, 6^3, 3^4, 2^9\})$	12579840
12	$\mathcal{O}(1; \{12^6, 6^3, 3^7, 2^5\})$	100666368
12	$\mathcal{O}(1; \{12^6, 6^3, 3^{10}, 2\})$	805303296
12	$\mathcal{O}(1; \{12^6, 6^3, 4^2, 3, 2^{10}\})$	6303744
12	$\mathcal{O}(1; \{12^6, 6^3, 4^2, 3^4, 2^6\})$	50319360
12	$\mathcal{O}(1; \{12^6, 6^3, 4^2, 3^7, 2^2\})$	402665472
12	$\mathcal{O}(1; \{12^6, 6^3, 4^4, 3, 2^7\})$	25214976
12	$\mathcal{O}(1; \{12^6, 6^3, 4^4, 3^4, 2^3\})$	201277440
12	$\mathcal{O}(1; \{12^6, 6^3, 4^6, 3, 2^4\})$	100859904
12	$\mathcal{O}(1; \{12^6, 6^3, 4^6, 3^4\})$	805109760
12	$\mathcal{O}(1; \{12^6, 6^3, 4^8, 3, 2\})$	403439616
12	$\mathcal{O}(1; \{12^6, 6^4, 3^2, 2^{10}\})$	6294528
12	$\mathcal{O}(1; \{12^6, 6^4, 3^5, 2^6\})$	50328576
12	$\mathcal{O}(1; \{12^6, 6^4, 3^8, 2^2\})$	402656256
12	$\mathcal{O}(1; \{12^6, 6^4, 4^2, 3^2, 2^7\})$	25178112
12	$\mathcal{O}(1; \{12^6, 6^4, 4^2, 3^5, 2^3\})$	201314304

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^6, 6^4, 4^4, 3^2, 2^4\})$	100712448
12	$\mathcal{O}(1; \{12^6, 6^4, 4^4, 3^5\})$	805257216
12	$\mathcal{O}(1; \{12^6, 6^4, 4^6, 3^2, 2\})$	402849792
12	$\mathcal{O}(1; \{12^6, 6^5, 2^{11}\})$	3142656
12	$\mathcal{O}(1; \{12^6, 6^5, 3^3, 2^7\})$	25168896
12	$\mathcal{O}(1; \{12^6, 6^5, 3^6, 2^3\})$	201323520
12	$\mathcal{O}(1; \{12^6, 6^5, 4^2, 2^8\})$	12570624
12	$\mathcal{O}(1; \{12^6, 6^5, 4^2, 3^3, 2^4\})$	100675584
12	$\mathcal{O}(1; \{12^6, 6^5, 4^2, 3^6\})$	805294080
12	$\mathcal{O}(1; \{12^6, 6^5, 4^4, 2^5\})$	50282496
12	$\mathcal{O}(1; \{12^6, 6^5, 4^4, 3^3, 2\})$	402702336
12	$\mathcal{O}(1; \{12^6, 6^5, 4^6, 2^2\})$	201129984
12	$\mathcal{O}(1; \{12^6, 6^6, 3, 2^8\})$	12579840
12	$\mathcal{O}(1; \{12^6, 6^6, 3^4, 2^4\})$	100666368
12	$\mathcal{O}(1; \{12^6, 6^6, 3^7\})$	805303296
12	$\mathcal{O}(1; \{12^6, 6^6, 4^2, 3, 2^5\})$	50319360
12	$\mathcal{O}(1; \{12^6, 6^6, 4^2, 3^4, 2\})$	402665472
12	$\mathcal{O}(1; \{12^6, 6^6, 4^4, 3, 2^2\})$	201277440
12	$\mathcal{O}(1; \{12^6, 6^7, 3^2, 2^5\})$	50328576
12	$\mathcal{O}(1; \{12^6, 6^7, 3^5, 2\})$	402656256
12	$\mathcal{O}(1; \{12^6, 6^7, 4^2, 3^2, 2^2\})$	201314304
12	$\mathcal{O}(1; \{12^6, 6^8, 2^6\})$	25168896
12	$\mathcal{O}(1; \{12^6, 6^8, 3^3, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12^6, 6^8, 4^2, 2^3\})$	100675584
12	$\mathcal{O}(1; \{12^6, 6^8, 4^4\})$	402702336
12	$\mathcal{O}(1; \{12^6, 6^9, 3, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12^6, 6^9, 4^2, 3\})$	402665472
12	$\mathcal{O}(1; \{12^6, 6^{10}, 3^2\})$	402656256
12	$\mathcal{O}(1; \{12^6, 6^{11}, 2\})$	201323520
12	$\mathcal{O}(1; \{12^7, 4, 2^{16}\})$	774144
12	$\mathcal{O}(1; \{12^7, 4, 3^3, 2^{12}\})$	6303744
12	$\mathcal{O}(1; \{12^7, 4, 3^6, 2^8\})$	50319360
12	$\mathcal{O}(1; \{12^7, 4, 3^9, 2^4\})$	402665472
12	$\mathcal{O}(1; \{12^7, 4, 3^{12}\})$	3221213184
12	$\mathcal{O}(1; \{12^7, 4^3, 2^{13}\})$	3096576
12	$\mathcal{O}(1; \{12^7, 4^3, 3^3, 2^9\})$	25214976
12	$\mathcal{O}(1; \{12^7, 4^3, 3^6, 2^5\})$	201277440
12	$\mathcal{O}(1; \{12^7, 4^3, 3^9, 2\})$	1610661888
12	$\mathcal{O}(1; \{12^7, 4^5, 2^{10}\})$	12386304
12	$\mathcal{O}(1; \{12^7, 4^5, 3^3, 2^6\})$	100859904
12	$\mathcal{O}(1; \{12^7, 4^5, 3^6, 2^2\})$	805109760
12	$\mathcal{O}(1; \{12^7, 4^7, 2^7\})$	49545216
12	$\mathcal{O}(1; \{12^7, 4^7, 3^3, 2^3\})$	403439616

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^7, 4^9, 2^4\})$	198180864
12	$\mathcal{O}(1; \{12^7, 4^9, 3^3\})$	1613758464
12	$\mathcal{O}(1; \{12^7, 4^{11}, 2\})$	792723456
12	$\mathcal{O}(1; \{12^7, 6, 4, 3, 2^{13}\})$	3133440
12	$\mathcal{O}(1; \{12^7, 6, 4, 3^4, 2^9\})$	25178112
12	$\mathcal{O}(1; \{12^7, 6, 4, 3^7, 2^5\})$	201314304
12	$\mathcal{O}(1; \{12^7, 6, 4, 3^{10}, 2\})$	1610625024
12	$\mathcal{O}(1; \{12^7, 6, 4^3, 3, 2^{10}\})$	12533760
12	$\mathcal{O}(1; \{12^7, 6, 4^3, 3^4, 2^6\})$	100712448
12	$\mathcal{O}(1; \{12^7, 6, 4^3, 3^7, 2^2\})$	805257216
12	$\mathcal{O}(1; \{12^7, 6, 4^5, 3, 2^7\})$	50135040
12	$\mathcal{O}(1; \{12^7, 6, 4^5, 3^4, 2^3\})$	402849792
12	$\mathcal{O}(1; \{12^7, 6, 4^7, 3, 2^4\})$	200540160
12	$\mathcal{O}(1; \{12^7, 6, 4^7, 3^4\})$	1611399168
12	$\mathcal{O}(1; \{12^7, 6, 4^9, 3, 2\})$	802160640
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 3^2, 2^{10}\})$	12570624
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 3^5, 2^6\})$	100675584
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 3^8, 2^2\})$	805294080
12	$\mathcal{O}(1; \{12^7, 6^2, 4^3, 3^2, 2^7\})$	50282496
12	$\mathcal{O}(1; \{12^7, 6^2, 4^3, 3^5, 2^3\})$	402702336
12	$\mathcal{O}(1; \{12^7, 6^2, 4^5, 3^2, 2^4\})$	201129984
12	$\mathcal{O}(1; \{12^7, 6^2, 4^5, 3^5\})$	1610809344
12	$\mathcal{O}(1; \{12^7, 6^2, 4^7, 3^2, 2\})$	804519936
12	$\mathcal{O}(1; \{12^7, 6^3, 4, 2^{11}\})$	6303744
12	$\mathcal{O}(1; \{12^7, 6^3, 4, 3^3, 2^7\})$	50319360
12	$\mathcal{O}(1; \{12^7, 6^3, 4, 3^6, 2^3\})$	402665472
12	$\mathcal{O}(1; \{12^7, 6^3, 4^3, 2^8\})$	25214976
12	$\mathcal{O}(1; \{12^7, 6^3, 4^3, 3^3, 2^4\})$	201277440
12	$\mathcal{O}(1; \{12^7, 6^3, 4^3, 3^6\})$	1610661888
12	$\mathcal{O}(1; \{12^7, 6^3, 4^5, 2^5\})$	100859904
12	$\mathcal{O}(1; \{12^7, 6^3, 4^5, 3^3, 2\})$	805109760
12	$\mathcal{O}(1; \{12^7, 6^3, 4^7, 2^2\})$	403439616
12	$\mathcal{O}(1; \{12^7, 6^4, 4, 3, 2^8\})$	25178112
12	$\mathcal{O}(1; \{12^7, 6^4, 4, 3^4, 2^4\})$	201314304
12	$\mathcal{O}(1; \{12^7, 6^4, 4, 3^7\})$	1610625024
12	$\mathcal{O}(1; \{12^7, 6^4, 4^3, 3, 2^5\})$	100712448
12	$\mathcal{O}(1; \{12^7, 6^4, 4^3, 3^4, 2\})$	805257216
12	$\mathcal{O}(1; \{12^7, 6^4, 4^5, 3, 2^2\})$	402849792
12	$\mathcal{O}(1; \{12^7, 6^5, 4, 3^2, 2^5\})$	100675584
12	$\mathcal{O}(1; \{12^7, 6^5, 4, 3^5, 2\})$	805294080
12	$\mathcal{O}(1; \{12^7, 6^5, 4^3, 3^2, 2^2\})$	402702336
12	$\mathcal{O}(1; \{12^7, 6^6, 4, 2^6\})$	50319360
12	$\mathcal{O}(1; \{12^7, 6^6, 4, 3^3, 2^2\})$	402665472

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^7, 6^6, 4^3, 2^3\})$	201277440
12	$\mathcal{O}(1; \{12^7, 6^6, 4^5\})$	805109760
12	$\mathcal{O}(1; \{12^7, 6^7, 4, 3, 2^3\})$	201314304
12	$\mathcal{O}(1; \{12^7, 6^7, 4^3, 3\})$	805257216
12	$\mathcal{O}(1; \{12^7, 6^8, 4, 3^2\})$	805294080
12	$\mathcal{O}(1; \{12^7, 6^9, 4, 2\})$	402665472
12	$\mathcal{O}(1; \{12^8, 3^2, 2^{13}\})$	6303744
12	$\mathcal{O}(1; \{12^8, 3^5, 2^9\})$	50319360
12	$\mathcal{O}(1; \{12^8, 3^8, 2^5\})$	402665472
12	$\mathcal{O}(1; \{12^8, 3^{11}, 2\})$	3221213184
12	$\mathcal{O}(1; \{12^8, 4^2, 3^2, 2^{10}\})$	25214976
12	$\mathcal{O}(1; \{12^8, 4^2, 3^5, 2^6\})$	201277440
12	$\mathcal{O}(1; \{12^8, 4^2, 3^8, 2^2\})$	1610661888
12	$\mathcal{O}(1; \{12^8, 4^4, 3^2, 2^7\})$	100859904
12	$\mathcal{O}(1; \{12^8, 4^4, 3^5, 2^3\})$	805109760
12	$\mathcal{O}(1; \{12^8, 4^6, 3^2, 2^4\})$	403439616
12	$\mathcal{O}(1; \{12^8, 4^6, 3^5\})$	3220439040
12	$\mathcal{O}(1; \{12^8, 4^8, 3^2, 2\})$	1613758464
12	$\mathcal{O}(1; \{12^8, 6, 2^{14}\})$	3133440
12	$\mathcal{O}(1; \{12^8, 6, 3^3, 2^{10}\})$	25178112
12	$\mathcal{O}(1; \{12^8, 6, 3^6, 2^6\})$	201314304
12	$\mathcal{O}(1; \{12^8, 6, 3^9, 2^2\})$	1610625024
12	$\mathcal{O}(1; \{12^8, 6, 4^2, 2^{11}\})$	12533760
12	$\mathcal{O}(1; \{12^8, 6, 4^2, 3^3, 2^7\})$	100712448
12	$\mathcal{O}(1; \{12^8, 6, 4^2, 3^6, 2^3\})$	805257216
12	$\mathcal{O}(1; \{12^8, 6, 4^4, 2^8\})$	50135040
12	$\mathcal{O}(1; \{12^8, 6, 4^4, 3^3, 2^4\})$	402849792
12	$\mathcal{O}(1; \{12^8, 6, 4^4, 3^6\})$	3221028864
12	$\mathcal{O}(1; \{12^8, 6, 4^6, 2^5\})$	200540160
12	$\mathcal{O}(1; \{12^8, 6, 4^6, 3^3, 2\})$	1611399168
12	$\mathcal{O}(1; \{12^8, 6, 4^8, 2^2\})$	802160640
12	$\mathcal{O}(1; \{12^8, 6^2, 3, 2^{11}\})$	12570624
12	$\mathcal{O}(1; \{12^8, 6^2, 3^4, 2^7\})$	100675584
12	$\mathcal{O}(1; \{12^8, 6^2, 3^7, 2^3\})$	805294080
12	$\mathcal{O}(1; \{12^8, 6^2, 4^2, 3, 2^8\})$	50282496
12	$\mathcal{O}(1; \{12^8, 6^2, 4^2, 3^4, 2^4\})$	402702336
12	$\mathcal{O}(1; \{12^8, 6^2, 4^2, 3^7\})$	3221176320
12	$\mathcal{O}(1; \{12^8, 6^2, 4^4, 3, 2^5\})$	201129984
12	$\mathcal{O}(1; \{12^8, 6^2, 4^4, 3^4, 2\})$	1610809344
12	$\mathcal{O}(1; \{12^8, 6^2, 4^6, 3, 2^2\})$	804519936
12	$\mathcal{O}(1; \{12^8, 6^3, 3^2, 2^8\})$	50319360
12	$\mathcal{O}(1; \{12^8, 6^3, 3^5, 2^4\})$	402665472
12	$\mathcal{O}(1; \{12^8, 6^3, 3^8\})$	3221213184

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^8, 6^3, 4^2, 3^2, 2^5\})$	201277440
12	$\mathcal{O}(1; \{12^8, 6^3, 4^2, 3^5, 2\})$	1610661888
12	$\mathcal{O}(1; \{12^8, 6^3, 4^4, 3^2, 2^2\})$	805109760
12	$\mathcal{O}(1; \{12^8, 6^4, 2^9\})$	25178112
12	$\mathcal{O}(1; \{12^8, 6^4, 3^3, 2^5\})$	201314304
12	$\mathcal{O}(1; \{12^8, 6^4, 3^6, 2\})$	1610625024
12	$\mathcal{O}(1; \{12^8, 6^4, 4^2, 2^6\})$	100712448
12	$\mathcal{O}(1; \{12^8, 6^4, 4^2, 3^3, 2^2\})$	805257216
12	$\mathcal{O}(1; \{12^8, 6^4, 4^4, 2^3\})$	402849792
12	$\mathcal{O}(1; \{12^8, 6^4, 4^6\})$	1611399168
12	$\mathcal{O}(1; \{12^8, 6^5, 3, 2^6\})$	100675584
12	$\mathcal{O}(1; \{12^8, 6^5, 3^4, 2^2\})$	805294080
12	$\mathcal{O}(1; \{12^8, 6^5, 4^2, 3, 2^3\})$	402702336
12	$\mathcal{O}(1; \{12^8, 6^5, 4^4, 3\})$	1610809344
12	$\mathcal{O}(1; \{12^8, 6^6, 3^2, 2^3\})$	402665472
12	$\mathcal{O}(1; \{12^8, 6^6, 4^2, 3^2\})$	1610661888
12	$\mathcal{O}(1; \{12^8, 6^7, 2^4\})$	201314304
12	$\mathcal{O}(1; \{12^8, 6^7, 3^3\})$	1610625024
12	$\mathcal{O}(1; \{12^8, 6^7, 4^2, 2\})$	805257216
12	$\mathcal{O}(1; \{12^8, 6^8, 3, 2\})$	805294080
12	$\mathcal{O}(1; \{12^9, 4, 3, 2^{11}\})$	25214976
12	$\mathcal{O}(1; \{12^9, 4, 3^4, 2^7\})$	201277440
12	$\mathcal{O}(1; \{12^9, 4, 3^7, 2^3\})$	1610661888
12	$\mathcal{O}(1; \{12^9, 4^3, 3, 2^8\})$	100859904
12	$\mathcal{O}(1; \{12^9, 4^3, 3^4, 2^4\})$	805109760
12	$\mathcal{O}(1; \{12^9, 4^3, 3^7\})$	6442647552
12	$\mathcal{O}(1; \{12^9, 4^5, 3, 2^5\})$	403439616
12	$\mathcal{O}(1; \{12^9, 4^5, 3^4, 2\})$	3220439040
12	$\mathcal{O}(1; \{12^9, 4^7, 3, 2^2\})$	1613758464
12	$\mathcal{O}(1; \{12^9, 6, 4, 3^2, 2^8\})$	100712448
12	$\mathcal{O}(1; \{12^9, 6, 4, 3^5, 2^4\})$	805257216
12	$\mathcal{O}(1; \{12^9, 6, 4, 3^8\})$	6442500096
12	$\mathcal{O}(1; \{12^9, 6, 4^3, 3^2, 2^5\})$	402849792
12	$\mathcal{O}(1; \{12^9, 6, 4^3, 3^5, 2\})$	3221028864
12	$\mathcal{O}(1; \{12^9, 6, 4^5, 3^2, 2^2\})$	1611399168
12	$\mathcal{O}(1; \{12^9, 6^2, 4, 2^9\})$	50282496
12	$\mathcal{O}(1; \{12^9, 6^2, 4, 3^3, 2^5\})$	402702336
12	$\mathcal{O}(1; \{12^9, 6^2, 4, 3^6, 2\})$	3221176320
12	$\mathcal{O}(1; \{12^9, 6^2, 4^3, 2^6\})$	201129984
12	$\mathcal{O}(1; \{12^9, 6^2, 4^3, 3^3, 2^2\})$	1610809344
12	$\mathcal{O}(1; \{12^9, 6^2, 4^5, 2^3\})$	804519936
12	$\mathcal{O}(1; \{12^9, 6^2, 4^7\})$	3218079744
12	$\mathcal{O}(1; \{12^9, 6^3, 4, 3, 2^6\})$	201277440

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^9, 6^3, 4, 3^4, 2^2\})$	1610661888
12	$\mathcal{O}(1; \{12^9, 6^3, 4^3, 3, 2^3\})$	805109760
12	$\mathcal{O}(1; \{12^9, 6^3, 4^5, 3\})$	3220439040
12	$\mathcal{O}(1; \{12^9, 6^4, 4, 3^2, 2^3\})$	805257216
12	$\mathcal{O}(1; \{12^9, 6^4, 4^3, 3^2\})$	3221028864
12	$\mathcal{O}(1; \{12^9, 6^5, 4, 2^4\})$	402702336
12	$\mathcal{O}(1; \{12^9, 6^5, 4, 3^3\})$	3221176320
12	$\mathcal{O}(1; \{12^9, 6^5, 4^3, 2\})$	1610809344
12	$\mathcal{O}(1; \{12^9, 6^6, 4, 3, 2\})$	1610661888
12	$\mathcal{O}(1; \{12^{10}, 2^{12}\})$	25214976
12	$\mathcal{O}(1; \{12^{10}, 3^3, 2^8\})$	201277440
12	$\mathcal{O}(1; \{12^{10}, 3^6, 2^4\})$	1610661888
12	$\mathcal{O}(1; \{12^{10}, 3^9\})$	12884852736
12	$\mathcal{O}(1; \{12^{10}, 4^2, 2^9\})$	100859904
12	$\mathcal{O}(1; \{12^{10}, 4^2, 3^3, 2^5\})$	805109760
12	$\mathcal{O}(1; \{12^{10}, 4^2, 3^6, 2\})$	6442647552
12	$\mathcal{O}(1; \{12^{10}, 4^4, 2^6\})$	403439616
12	$\mathcal{O}(1; \{12^{10}, 4^4, 3^3, 2^2\})$	3220439040
12	$\mathcal{O}(1; \{12^{10}, 4^6, 2^3\})$	1613758464
12	$\mathcal{O}(1; \{12^{10}, 4^8\})$	6455033856
12	$\mathcal{O}(1; \{12^{10}, 6, 3, 2^9\})$	100712448
12	$\mathcal{O}(1; \{12^{10}, 6, 3^4, 2^5\})$	805257216
12	$\mathcal{O}(1; \{12^{10}, 6, 3^7, 2\})$	6442500096
12	$\mathcal{O}(1; \{12^{10}, 6, 4^2, 3, 2^6\})$	402849792
12	$\mathcal{O}(1; \{12^{10}, 6, 4^2, 3^4, 2^2\})$	3221028864
12	$\mathcal{O}(1; \{12^{10}, 6, 4^4, 3, 2^3\})$	1611399168
12	$\mathcal{O}(1; \{12^{10}, 6, 4^6, 3\})$	6445596672
12	$\mathcal{O}(1; \{12^{10}, 6^2, 3^2, 2^6\})$	402702336
12	$\mathcal{O}(1; \{12^{10}, 6^2, 3^5, 2^2\})$	3221176320
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^2, 3^2, 2^3\})$	1610809344
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^4, 3^2\})$	6443237376
12	$\mathcal{O}(1; \{12^{10}, 6^3, 2^7\})$	201277440
12	$\mathcal{O}(1; \{12^{10}, 6^3, 3^3, 2^3\})$	1610661888
12	$\mathcal{O}(1; \{12^{10}, 6^3, 4^2, 2^4\})$	805109760
12	$\mathcal{O}(1; \{12^{10}, 6^3, 4^2, 3^3\})$	6442647552
12	$\mathcal{O}(1; \{12^{10}, 6^3, 4^4, 2\})$	3220439040
12	$\mathcal{O}(1; \{12^{10}, 6^4, 3, 2^4\})$	805257216
12	$\mathcal{O}(1; \{12^{10}, 6^4, 3^4\})$	6442500096
12	$\mathcal{O}(1; \{12^{10}, 6^4, 4^2, 3, 2\})$	3221028864
12	$\mathcal{O}(1; \{12^{10}, 6^5, 3^2, 2\})$	3221176320
12	$\mathcal{O}(1; \{12^{10}, 6^6, 2^2\})$	1610661888
12	$\mathcal{O}(1; \{12^{11}, 4, 3^2, 2^6\})$	805109760
12	$\mathcal{O}(1; \{12^{11}, 4, 3^5, 2^2\})$	6442647552

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^{11}, 4^3, 3^2, 2^3\})$	3220439040
12	$\mathcal{O}(1; \{12^{11}, 4^5, 3^2\})$	12881756160
12	$\mathcal{O}(1; \{12^{11}, 6, 4, 2^7\})$	402849792
12	$\mathcal{O}(1; \{12^{11}, 6, 4, 3^3, 2^3\})$	3221028864
12	$\mathcal{O}(1; \{12^{11}, 6, 4^3, 2^4\})$	1611399168
12	$\mathcal{O}(1; \{12^{11}, 6, 4^3, 3^3\})$	12884115456
12	$\mathcal{O}(1; \{12^{11}, 6, 4^5, 2\})$	6445596672
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4, 3, 2^4\})$	1610809344
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4, 3^4\})$	12884705280
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4^3, 3, 2\})$	6443237376
12	$\mathcal{O}(1; \{12^{11}, 6^3, 4, 3^2, 2\})$	6442647552
12	$\mathcal{O}(1; \{12^{11}, 6^4, 4, 2^2\})$	3221028864
12	$\mathcal{O}(1; \{12^{12}, 3, 2^7\})$	805109760
12	$\mathcal{O}(1; \{12^{12}, 3^4, 2^3\})$	6442647552
12	$\mathcal{O}(1; \{12^{12}, 4^2, 3, 2^4\})$	3220439040
12	$\mathcal{O}(1; \{12^{12}, 4^2, 3^4\})$	25770590208
12	$\mathcal{O}(1; \{12^{12}, 4^4, 3, 2\})$	12881756160
12	$\mathcal{O}(1; \{12^{12}, 6, 3^2, 2^4\})$	3221028864
12	$\mathcal{O}(1; \{12^{12}, 6, 3^5\})$	25770000384
12	$\mathcal{O}(1; \{12^{12}, 6, 4^2, 3^2, 2\})$	12884115456
12	$\mathcal{O}(1; \{12^{12}, 6^2, 2^5\})$	1610809344
12	$\mathcal{O}(1; \{12^{12}, 6^2, 3^3, 2\})$	12884705280
12	$\mathcal{O}(1; \{12^{12}, 6^2, 4^2, 2^2\})$	6443237376
12	$\mathcal{O}(1; \{12^{12}, 6^3, 3, 2^2\})$	6442647552
12	$\mathcal{O}(1; \{12^{12}, 6^5\})$	12884705280
12	$\mathcal{O}(1; \{12^{13}, 4, 2^5\})$	3220439040
12	$\mathcal{O}(1; \{12^{13}, 4, 3^3, 2\})$	25770590208
12	$\mathcal{O}(1; \{12^{13}, 4^3, 2^2\})$	12881756160
12	$\mathcal{O}(1; \{12^{13}, 6, 4, 3, 2^2\})$	12884115456
12	$\mathcal{O}(1; \{12^{13}, 6^3, 4\})$	25770590208
12	$\mathcal{O}(1; \{12^{14}, 3^2, 2^2\})$	25770590208
12	$\mathcal{O}(1; \{12^{14}, 6, 2^3\})$	12884115456
12	$\mathcal{O}(1; \{12^{14}, 6, 4^2\})$	51536461824
12	$\mathcal{O}(1; \{12^{14}, 6^2, 3\})$	51538821120
12	$\mathcal{O}(1; \{12^{15}, 4, 3\})$	103082360832
12	$\mathcal{O}(1; \{12^{16}, 2\})$	103082360832
12	$\mathcal{O}(0; \{4^2, 3^4, 2^{26}\})$	12
12	$\mathcal{O}(0; \{4^2, 3^7, 2^{22}\})$	84
12	$\mathcal{O}(0; \{4^2, 3^{10}, 2^{18}\})$	684
12	$\mathcal{O}(0; \{4^2, 3^{13}, 2^{14}\})$	5460
12	$\mathcal{O}(0; \{4^2, 3^{16}, 2^{10}\})$	43692
12	$\mathcal{O}(0; \{4^2, 3^{19}, 2^6\})$	349524
12	$\mathcal{O}(0; \{4^2, 3^{22}, 2^2\})$	2796204

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{4^4, 3^4, 2^{23}\})$	48
12	$\mathcal{O}(0; \{4^4, 3^7, 2^{19}\})$	336
12	$\mathcal{O}(0; \{4^4, 3^{10}, 2^{15}\})$	2736
12	$\mathcal{O}(0; \{4^4, 3^{13}, 2^{11}\})$	21840
12	$\mathcal{O}(0; \{4^4, 3^{16}, 2^7\})$	174768
12	$\mathcal{O}(0; \{4^4, 3^{19}, 2^3\})$	1398096
12	$\mathcal{O}(0; \{4^6, 3^4, 2^{20}\})$	192
12	$\mathcal{O}(0; \{4^6, 3^7, 2^{16}\})$	1344
12	$\mathcal{O}(0; \{4^6, 3^{10}, 2^{12}\})$	10944
12	$\mathcal{O}(0; \{4^6, 3^{13}, 2^8\})$	87360
12	$\mathcal{O}(0; \{4^6, 3^{16}, 2^4\})$	699072
12	$\mathcal{O}(0; \{4^6, 3^{19}\})$	5592384
12	$\mathcal{O}(0; \{4^8, 3^4, 2^{17}\})$	768
12	$\mathcal{O}(0; \{4^8, 3^7, 2^{13}\})$	5376
12	$\mathcal{O}(0; \{4^8, 3^{10}, 2^9\})$	43776
12	$\mathcal{O}(0; \{4^8, 3^{13}, 2^5\})$	349440
12	$\mathcal{O}(0; \{4^8, 3^{16}, 2\})$	2796288
12	$\mathcal{O}(0; \{4^{10}, 3^4, 2^{14}\})$	3072
12	$\mathcal{O}(0; \{4^{10}, 3^7, 2^{10}\})$	21504
12	$\mathcal{O}(0; \{4^{10}, 3^{10}, 2^6\})$	175104
12	$\mathcal{O}(0; \{4^{10}, 3^{13}, 2^2\})$	1397760
12	$\mathcal{O}(0; \{4^{12}, 3^4, 2^{11}\})$	12288
12	$\mathcal{O}(0; \{4^{12}, 3^7, 2^7\})$	86016
12	$\mathcal{O}(0; \{4^{12}, 3^{10}, 2^3\})$	700416
12	$\mathcal{O}(0; \{4^{14}, 3^4, 2^8\})$	49152
12	$\mathcal{O}(0; \{4^{14}, 3^7, 2^4\})$	344064
12	$\mathcal{O}(0; \{4^{14}, 3^{10}\})$	2801664
12	$\mathcal{O}(0; \{4^{16}, 3^4, 2^5\})$	196608
12	$\mathcal{O}(0; \{4^{16}, 3^7, 2\})$	1376256
12	$\mathcal{O}(0; \{4^{18}, 3^4, 2^2\})$	786432
12	$\mathcal{O}(0; \{6, 4^2, 3^2, 2^{27}\})$	4
12	$\mathcal{O}(0; \{6, 4^2, 3^5, 2^{23}\})$	44
12	$\mathcal{O}(0; \{6, 4^2, 3^8, 2^{19}\})$	340
12	$\mathcal{O}(0; \{6, 4^2, 3^{11}, 2^{15}\})$	2732
12	$\mathcal{O}(0; \{6, 4^2, 3^{14}, 2^{11}\})$	21844
12	$\mathcal{O}(0; \{6, 4^2, 3^{17}, 2^7\})$	174764
12	$\mathcal{O}(0; \{6, 4^2, 3^{20}, 2^3\})$	1398100
12	$\mathcal{O}(0; \{6, 4^4, 3^2, 2^{24}\})$	16
12	$\mathcal{O}(0; \{6, 4^4, 3^5, 2^{20}\})$	176
12	$\mathcal{O}(0; \{6, 4^4, 3^8, 2^{16}\})$	1360
12	$\mathcal{O}(0; \{6, 4^4, 3^{11}, 2^{12}\})$	10928
12	$\mathcal{O}(0; \{6, 4^4, 3^{14}, 2^8\})$	87376
12	$\mathcal{O}(0; \{6, 4^4, 3^{17}, 2^4\})$	699056

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6, 4^4, 3^{20}\})$	5592400
12	$\mathcal{O}(0; \{6, 4^6, 3^2, 2^{21}\})$	64
12	$\mathcal{O}(0; \{6, 4^6, 3^5, 2^{17}\})$	704
12	$\mathcal{O}(0; \{6, 4^6, 3^8, 2^{13}\})$	5440
12	$\mathcal{O}(0; \{6, 4^6, 3^{11}, 2^9\})$	43712
12	$\mathcal{O}(0; \{6, 4^6, 3^{14}, 2^5\})$	349504
12	$\mathcal{O}(0; \{6, 4^6, 3^{17}, 2\})$	2796224
12	$\mathcal{O}(0; \{6, 4^8, 3^2, 2^{18}\})$	256
12	$\mathcal{O}(0; \{6, 4^8, 3^5, 2^{14}\})$	2816
12	$\mathcal{O}(0; \{6, 4^8, 3^8, 2^{10}\})$	21760
12	$\mathcal{O}(0; \{6, 4^8, 3^{11}, 2^6\})$	174848
12	$\mathcal{O}(0; \{6, 4^8, 3^{14}, 2^2\})$	1398016
12	$\mathcal{O}(0; \{6, 4^{10}, 3^2, 2^{15}\})$	1024
12	$\mathcal{O}(0; \{6, 4^{10}, 3^5, 2^{11}\})$	11264
12	$\mathcal{O}(0; \{6, 4^{10}, 3^8, 2^7\})$	87040
12	$\mathcal{O}(0; \{6, 4^{10}, 3^{11}, 2^3\})$	699392
12	$\mathcal{O}(0; \{6, 4^{12}, 3^2, 2^{12}\})$	4096
12	$\mathcal{O}(0; \{6, 4^{12}, 3^5, 2^8\})$	45056
12	$\mathcal{O}(0; \{6, 4^{12}, 3^8, 2^4\})$	348160
12	$\mathcal{O}(0; \{6, 4^{12}, 3^{11}\})$	2797568
12	$\mathcal{O}(0; \{6, 4^{14}, 3^2, 2^9\})$	16384
12	$\mathcal{O}(0; \{6, 4^{14}, 3^5, 2^5\})$	180224
12	$\mathcal{O}(0; \{6, 4^{14}, 3^8, 2\})$	1392640
12	$\mathcal{O}(0; \{6, 4^{16}, 3^2, 2^6\})$	65536
12	$\mathcal{O}(0; \{6, 4^{16}, 3^5, 2^2\})$	720896
12	$\mathcal{O}(0; \{6, 4^{18}, 3^2, 2^3\})$	262144
12	$\mathcal{O}(0; \{6, 4^{20}, 3^2\})$	1048576
12	$\mathcal{O}(0; \{6^2, 4^2, 2^{28}\})$	4
12	$\mathcal{O}(0; \{6^2, 4^2, 3^3, 2^{24}\})$	20
12	$\mathcal{O}(0; \{6^2, 4^2, 3^6, 2^{20}\})$	172
12	$\mathcal{O}(0; \{6^2, 4^2, 3^9, 2^{16}\})$	1364
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{12}, 2^{12}\})$	10924
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{15}, 2^8\})$	87380
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{18}, 2^4\})$	699052
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{21}\})$	5592404
12	$\mathcal{O}(0; \{6^2, 4^4, 2^{25}\})$	16
12	$\mathcal{O}(0; \{6^2, 4^4, 3^3, 2^{21}\})$	80
12	$\mathcal{O}(0; \{6^2, 4^4, 3^6, 2^{17}\})$	688
12	$\mathcal{O}(0; \{6^2, 4^4, 3^9, 2^{13}\})$	5456
12	$\mathcal{O}(0; \{6^2, 4^4, 3^{12}, 2^9\})$	43696
12	$\mathcal{O}(0; \{6^2, 4^4, 3^{15}, 2^5\})$	349520
12	$\mathcal{O}(0; \{6^2, 4^4, 3^{18}, 2\})$	2796208
12	$\mathcal{O}(0; \{6^2, 4^6, 2^{22}\})$	64

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^2, 4^6, 3^3, 2^{18}\})$	320
12	$\mathcal{O}(0; \{6^2, 4^6, 3^6, 2^{14}\})$	2752
12	$\mathcal{O}(0; \{6^2, 4^6, 3^9, 2^{10}\})$	21824
12	$\mathcal{O}(0; \{6^2, 4^6, 3^{12}, 2^6\})$	174784
12	$\mathcal{O}(0; \{6^2, 4^6, 3^{15}, 2^2\})$	1398080
12	$\mathcal{O}(0; \{6^2, 4^8, 2^{19}\})$	256
12	$\mathcal{O}(0; \{6^2, 4^8, 3^3, 2^{15}\})$	1280
12	$\mathcal{O}(0; \{6^2, 4^8, 3^6, 2^{11}\})$	11008
12	$\mathcal{O}(0; \{6^2, 4^8, 3^9, 2^7\})$	87296
12	$\mathcal{O}(0; \{6^2, 4^8, 3^{12}, 2^3\})$	699136
12	$\mathcal{O}(0; \{6^2, 4^{10}, 2^{16}\})$	1024
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^3, 2^{12}\})$	5120
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^6, 2^8\})$	44032
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^9, 2^4\})$	349184
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^{12}\})$	2796544
12	$\mathcal{O}(0; \{6^2, 4^{12}, 2^{13}\})$	4096
12	$\mathcal{O}(0; \{6^2, 4^{12}, 3^3, 2^9\})$	20480
12	$\mathcal{O}(0; \{6^2, 4^{12}, 3^6, 2^5\})$	176128
12	$\mathcal{O}(0; \{6^2, 4^{12}, 3^9, 2\})$	1396736
12	$\mathcal{O}(0; \{6^2, 4^{14}, 2^{10}\})$	16384
12	$\mathcal{O}(0; \{6^2, 4^{14}, 3^3, 2^6\})$	81920
12	$\mathcal{O}(0; \{6^2, 4^{14}, 3^6, 2^2\})$	704512
12	$\mathcal{O}(0; \{6^2, 4^{16}, 2^7\})$	65536
12	$\mathcal{O}(0; \{6^2, 4^{16}, 3^3, 2^3\})$	327680
12	$\mathcal{O}(0; \{6^2, 4^{18}, 2^4\})$	262144
12	$\mathcal{O}(0; \{6^2, 4^{18}, 3^3\})$	1310720
12	$\mathcal{O}(0; \{6^2, 4^{20}, 2\})$	1048576
12	$\mathcal{O}(0; \{6^3, 4^2, 3, 2^{25}\})$	12
12	$\mathcal{O}(0; \{6^3, 4^2, 3^4, 2^{21}\})$	84
12	$\mathcal{O}(0; \{6^3, 4^2, 3^7, 2^{17}\})$	684
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{10}, 2^{13}\})$	5460
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{13}, 2^9\})$	43692
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{16}, 2^5\})$	349524
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{19}, 2\})$	2796204
12	$\mathcal{O}(0; \{6^3, 4^4, 3, 2^{22}\})$	48
12	$\mathcal{O}(0; \{6^3, 4^4, 3^4, 2^{18}\})$	336
12	$\mathcal{O}(0; \{6^3, 4^4, 3^7, 2^{14}\})$	2736
12	$\mathcal{O}(0; \{6^3, 4^4, 3^{10}, 2^{10}\})$	21840
12	$\mathcal{O}(0; \{6^3, 4^4, 3^{13}, 2^6\})$	174768
12	$\mathcal{O}(0; \{6^3, 4^4, 3^{16}, 2^2\})$	1398096
12	$\mathcal{O}(0; \{6^3, 4^6, 3, 2^{19}\})$	192
12	$\mathcal{O}(0; \{6^3, 4^6, 3^4, 2^{15}\})$	1344
12	$\mathcal{O}(0; \{6^3, 4^6, 3^7, 2^{11}\})$	10944

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^3, 4^6, 3^{10}, 2^7\})$	87360
12	$\mathcal{O}(0; \{6^3, 4^6, 3^{13}, 2^3\})$	699072
12	$\mathcal{O}(0; \{6^3, 4^8, 3, 2^{16}\})$	768
12	$\mathcal{O}(0; \{6^3, 4^8, 3^4, 2^{12}\})$	5376
12	$\mathcal{O}(0; \{6^3, 4^8, 3^7, 2^8\})$	43776
12	$\mathcal{O}(0; \{6^3, 4^8, 3^{10}, 2^4\})$	349440
12	$\mathcal{O}(0; \{6^3, 4^8, 3^{13}\})$	2796288
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3, 2^{13}\})$	3072
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3^4, 2^9\})$	21504
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3^7, 2^5\})$	175104
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3^{10}, 2\})$	1397760
12	$\mathcal{O}(0; \{6^3, 4^{12}, 3, 2^{10}\})$	12288
12	$\mathcal{O}(0; \{6^3, 4^{12}, 3^4, 2^6\})$	86016
12	$\mathcal{O}(0; \{6^3, 4^{12}, 3^7, 2^2\})$	700416
12	$\mathcal{O}(0; \{6^3, 4^{14}, 3, 2^7\})$	49152
12	$\mathcal{O}(0; \{6^3, 4^{14}, 3^4, 2^3\})$	344064
12	$\mathcal{O}(0; \{6^3, 4^{16}, 3, 2^4\})$	196608
12	$\mathcal{O}(0; \{6^3, 4^{16}, 3^4\})$	1376256
12	$\mathcal{O}(0; \{6^3, 4^{18}, 3, 2\})$	786432
12	$\mathcal{O}(0; \{6^4, 4^2, 3^2, 2^{22}\})$	44
12	$\mathcal{O}(0; \{6^4, 4^2, 3^5, 2^{18}\})$	340
12	$\mathcal{O}(0; \{6^4, 4^2, 3^8, 2^{14}\})$	2732
12	$\mathcal{O}(0; \{6^4, 4^2, 3^{11}, 2^{10}\})$	21844
12	$\mathcal{O}(0; \{6^4, 4^2, 3^{14}, 2^6\})$	174764
12	$\mathcal{O}(0; \{6^4, 4^2, 3^{17}, 2^2\})$	1398100
12	$\mathcal{O}(0; \{6^4, 4^4, 3^2, 2^{19}\})$	176
12	$\mathcal{O}(0; \{6^4, 4^4, 3^5, 2^{15}\})$	1360
12	$\mathcal{O}(0; \{6^4, 4^4, 3^8, 2^{11}\})$	10928
12	$\mathcal{O}(0; \{6^4, 4^4, 3^{11}, 2^7\})$	87376
12	$\mathcal{O}(0; \{6^4, 4^4, 3^{14}, 2^3\})$	699056
12	$\mathcal{O}(0; \{6^4, 4^6, 3^2, 2^{16}\})$	704
12	$\mathcal{O}(0; \{6^4, 4^6, 3^5, 2^{12}\})$	5440
12	$\mathcal{O}(0; \{6^4, 4^6, 3^8, 2^8\})$	43712
12	$\mathcal{O}(0; \{6^4, 4^6, 3^{11}, 2^4\})$	349504
12	$\mathcal{O}(0; \{6^4, 4^6, 3^{14}\})$	2796224
12	$\mathcal{O}(0; \{6^4, 4^8, 3^2, 2^{13}\})$	2816
12	$\mathcal{O}(0; \{6^4, 4^8, 3^5, 2^9\})$	21760
12	$\mathcal{O}(0; \{6^4, 4^8, 3^8, 2^5\})$	174848
12	$\mathcal{O}(0; \{6^4, 4^8, 3^{11}, 2\})$	1398016
12	$\mathcal{O}(0; \{6^4, 4^{10}, 3^2, 2^{10}\})$	11264
12	$\mathcal{O}(0; \{6^4, 4^{10}, 3^5, 2^6\})$	87040
12	$\mathcal{O}(0; \{6^4, 4^{10}, 3^8, 2^2\})$	699392
12	$\mathcal{O}(0; \{6^4, 4^{12}, 3^2, 2^7\})$	45056

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^4, 4^{12}, 3^5, 2^3\})$	348160
12	$\mathcal{O}(0; \{6^4, 4^{14}, 3^2, 2^4\})$	180224
12	$\mathcal{O}(0; \{6^4, 4^{14}, 3^5\})$	1392640
12	$\mathcal{O}(0; \{6^4, 4^{16}, 3^2, 2\})$	720896
12	$\mathcal{O}(0; \{6^5, 4^2, 2^{23}\})$	20
12	$\mathcal{O}(0; \{6^5, 4^2, 3^3, 2^{19}\})$	172
12	$\mathcal{O}(0; \{6^5, 4^2, 3^6, 2^{15}\})$	1364
12	$\mathcal{O}(0; \{6^5, 4^2, 3^9, 2^{11}\})$	10924
12	$\mathcal{O}(0; \{6^5, 4^2, 3^{12}, 2^7\})$	87380
12	$\mathcal{O}(0; \{6^5, 4^2, 3^{15}, 2^3\})$	699052
12	$\mathcal{O}(0; \{6^5, 4^4, 2^{20}\})$	80
12	$\mathcal{O}(0; \{6^5, 4^4, 3^3, 2^{16}\})$	688
12	$\mathcal{O}(0; \{6^5, 4^4, 3^6, 2^{12}\})$	5456
12	$\mathcal{O}(0; \{6^5, 4^4, 3^9, 2^8\})$	43696
12	$\mathcal{O}(0; \{6^5, 4^4, 3^{12}, 2^4\})$	349520
12	$\mathcal{O}(0; \{6^5, 4^4, 3^{15}\})$	2796208
12	$\mathcal{O}(0; \{6^5, 4^6, 2^{17}\})$	320
12	$\mathcal{O}(0; \{6^5, 4^6, 3^3, 2^{13}\})$	2752
12	$\mathcal{O}(0; \{6^5, 4^6, 3^6, 2^9\})$	21824
12	$\mathcal{O}(0; \{6^5, 4^6, 3^9, 2^5\})$	174784
12	$\mathcal{O}(0; \{6^5, 4^6, 3^{12}, 2\})$	1398080
12	$\mathcal{O}(0; \{6^5, 4^8, 2^{14}\})$	1280
12	$\mathcal{O}(0; \{6^5, 4^8, 3^3, 2^{10}\})$	11008
12	$\mathcal{O}(0; \{6^5, 4^8, 3^6, 2^6\})$	87296
12	$\mathcal{O}(0; \{6^5, 4^8, 3^9, 2^2\})$	699136
12	$\mathcal{O}(0; \{6^5, 4^{10}, 2^{11}\})$	5120
12	$\mathcal{O}(0; \{6^5, 4^{10}, 3^3, 2^7\})$	44032
12	$\mathcal{O}(0; \{6^5, 4^{10}, 3^6, 2^3\})$	349184
12	$\mathcal{O}(0; \{6^5, 4^{12}, 2^8\})$	20480
12	$\mathcal{O}(0; \{6^5, 4^{12}, 3^3, 2^4\})$	176128
12	$\mathcal{O}(0; \{6^5, 4^{12}, 3^6\})$	1396736
12	$\mathcal{O}(0; \{6^5, 4^{14}, 2^5\})$	81920
12	$\mathcal{O}(0; \{6^5, 4^{14}, 3^3, 2\})$	704512
12	$\mathcal{O}(0; \{6^5, 4^{16}, 2^2\})$	327680
12	$\mathcal{O}(0; \{6^6, 4^2, 3, 2^{20}\})$	84
12	$\mathcal{O}(0; \{6^6, 4^2, 3^4, 2^{16}\})$	684
12	$\mathcal{O}(0; \{6^6, 4^2, 3^7, 2^{12}\})$	5460
12	$\mathcal{O}(0; \{6^6, 4^2, 3^{10}, 2^8\})$	43692
12	$\mathcal{O}(0; \{6^6, 4^2, 3^{13}, 2^4\})$	349524
12	$\mathcal{O}(0; \{6^6, 4^2, 3^{16}\})$	2796204
12	$\mathcal{O}(0; \{6^6, 4^4, 3, 2^{17}\})$	336
12	$\mathcal{O}(0; \{6^6, 4^4, 3^4, 2^{13}\})$	2736
12	$\mathcal{O}(0; \{6^6, 4^4, 3^7, 2^9\})$	21840

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^6, 4^4, 3^{10}, 2^5\})$	174768
12	$\mathcal{O}(0; \{6^6, 4^4, 3^{13}, 2\})$	1398096
12	$\mathcal{O}(0; \{6^6, 4^6, 3, 2^{14}\})$	1344
12	$\mathcal{O}(0; \{6^6, 4^6, 3^4, 2^{10}\})$	10944
12	$\mathcal{O}(0; \{6^6, 4^6, 3^7, 2^6\})$	87360
12	$\mathcal{O}(0; \{6^6, 4^6, 3^{10}, 2^2\})$	699072
12	$\mathcal{O}(0; \{6^6, 4^8, 3, 2^{11}\})$	5376
12	$\mathcal{O}(0; \{6^6, 4^8, 3^4, 2^7\})$	43776
12	$\mathcal{O}(0; \{6^6, 4^8, 3^7, 2^3\})$	349440
12	$\mathcal{O}(0; \{6^6, 4^{10}, 3, 2^8\})$	21504
12	$\mathcal{O}(0; \{6^6, 4^{10}, 3^4, 2^4\})$	175104
12	$\mathcal{O}(0; \{6^6, 4^{10}, 3^7\})$	1397760
12	$\mathcal{O}(0; \{6^6, 4^{12}, 3, 2^5\})$	86016
12	$\mathcal{O}(0; \{6^6, 4^{12}, 3^4, 2\})$	700416
12	$\mathcal{O}(0; \{6^6, 4^{14}, 3, 2^2\})$	344064
12	$\mathcal{O}(0; \{6^7, 4^2, 3^2, 2^{17}\})$	340
12	$\mathcal{O}(0; \{6^7, 4^2, 3^5, 2^{13}\})$	2732
12	$\mathcal{O}(0; \{6^7, 4^2, 3^8, 2^9\})$	21844
12	$\mathcal{O}(0; \{6^7, 4^2, 3^{11}, 2^5\})$	174764
12	$\mathcal{O}(0; \{6^7, 4^2, 3^{14}, 2\})$	1398100
12	$\mathcal{O}(0; \{6^7, 4^4, 3^2, 2^{14}\})$	1360
12	$\mathcal{O}(0; \{6^7, 4^4, 3^5, 2^{10}\})$	10928
12	$\mathcal{O}(0; \{6^7, 4^4, 3^8, 2^6\})$	87376
12	$\mathcal{O}(0; \{6^7, 4^4, 3^{11}, 2^2\})$	699056
12	$\mathcal{O}(0; \{6^7, 4^6, 3^2, 2^{11}\})$	5440
12	$\mathcal{O}(0; \{6^7, 4^6, 3^5, 2^7\})$	43712
12	$\mathcal{O}(0; \{6^7, 4^6, 3^8, 2^3\})$	349504
12	$\mathcal{O}(0; \{6^7, 4^8, 3^2, 2^8\})$	21760
12	$\mathcal{O}(0; \{6^7, 4^8, 3^5, 2^4\})$	174848
12	$\mathcal{O}(0; \{6^7, 4^8, 3^8\})$	1398016
12	$\mathcal{O}(0; \{6^7, 4^{10}, 3^2, 2^5\})$	87040
12	$\mathcal{O}(0; \{6^7, 4^{10}, 3^5, 2\})$	699392
12	$\mathcal{O}(0; \{6^7, 4^{12}, 3^2, 2^2\})$	348160
12	$\mathcal{O}(0; \{6^8, 4^2, 2^{18}\})$	172
12	$\mathcal{O}(0; \{6^8, 4^2, 3^3, 2^{14}\})$	1364
12	$\mathcal{O}(0; \{6^8, 4^2, 3^6, 2^{10}\})$	10924
12	$\mathcal{O}(0; \{6^8, 4^2, 3^9, 2^6\})$	87380
12	$\mathcal{O}(0; \{6^8, 4^2, 3^{12}, 2^2\})$	699052
12	$\mathcal{O}(0; \{6^8, 4^4, 2^{15}\})$	688
12	$\mathcal{O}(0; \{6^8, 4^4, 3^3, 2^{11}\})$	5456
12	$\mathcal{O}(0; \{6^8, 4^4, 3^6, 2^7\})$	43696
12	$\mathcal{O}(0; \{6^8, 4^4, 3^9, 2^3\})$	349520
12	$\mathcal{O}(0; \{6^8, 4^6, 2^{12}\})$	2752

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^8, 4^6, 3^3, 2^8\})$	21824
12	$\mathcal{O}(0; \{6^8, 4^6, 3^6, 2^4\})$	174784
12	$\mathcal{O}(0; \{6^8, 4^6, 3^9\})$	1398080
12	$\mathcal{O}(0; \{6^8, 4^8, 2^9\})$	11008
12	$\mathcal{O}(0; \{6^8, 4^8, 3^3, 2^5\})$	87296
12	$\mathcal{O}(0; \{6^8, 4^8, 3^6, 2\})$	699136
12	$\mathcal{O}(0; \{6^8, 4^{10}, 2^6\})$	44032
12	$\mathcal{O}(0; \{6^8, 4^{10}, 3^3, 2^2\})$	349184
12	$\mathcal{O}(0; \{6^8, 4^{12}, 2^3\})$	176128
12	$\mathcal{O}(0; \{6^8, 4^{14}\})$	704512
12	$\mathcal{O}(0; \{6^9, 4^2, 3, 2^{15}\})$	684
12	$\mathcal{O}(0; \{6^9, 4^2, 3^4, 2^{11}\})$	5460
12	$\mathcal{O}(0; \{6^9, 4^2, 3^7, 2^7\})$	43692
12	$\mathcal{O}(0; \{6^9, 4^2, 3^{10}, 2^3\})$	349524
12	$\mathcal{O}(0; \{6^9, 4^4, 3, 2^{12}\})$	2736
12	$\mathcal{O}(0; \{6^9, 4^4, 3^4, 2^8\})$	21840
12	$\mathcal{O}(0; \{6^9, 4^4, 3^7, 2^4\})$	174768
12	$\mathcal{O}(0; \{6^9, 4^4, 3^{10}\})$	1398096
12	$\mathcal{O}(0; \{6^9, 4^6, 3, 2^9\})$	10944
12	$\mathcal{O}(0; \{6^9, 4^6, 3^4, 2^5\})$	87360
12	$\mathcal{O}(0; \{6^9, 4^6, 3^7, 2\})$	699072
12	$\mathcal{O}(0; \{6^9, 4^8, 3, 2^6\})$	43776
12	$\mathcal{O}(0; \{6^9, 4^8, 3^4, 2^2\})$	349440
12	$\mathcal{O}(0; \{6^9, 4^{10}, 3, 2^3\})$	175104
12	$\mathcal{O}(0; \{6^9, 4^{12}, 3\})$	700416
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^2, 2^{12}\})$	2732
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^5, 2^8\})$	21844
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^8, 2^4\})$	174764
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^{11}\})$	1398100
12	$\mathcal{O}(0; \{6^{10}, 4^4, 3^2, 2^9\})$	10928
12	$\mathcal{O}(0; \{6^{10}, 4^4, 3^5, 2^5\})$	87376
12	$\mathcal{O}(0; \{6^{10}, 4^4, 3^8, 2\})$	699056
12	$\mathcal{O}(0; \{6^{10}, 4^6, 3^2, 2^6\})$	43712
12	$\mathcal{O}(0; \{6^{10}, 4^6, 3^5, 2^2\})$	349504
12	$\mathcal{O}(0; \{6^{10}, 4^8, 3^2, 2^3\})$	174848
12	$\mathcal{O}(0; \{6^{10}, 4^{10}, 3^2\})$	699392
12	$\mathcal{O}(0; \{6^{11}, 4^2, 2^{13}\})$	1364
12	$\mathcal{O}(0; \{6^{11}, 4^2, 3^3, 2^9\})$	10924
12	$\mathcal{O}(0; \{6^{11}, 4^2, 3^6, 2^5\})$	87380
12	$\mathcal{O}(0; \{6^{11}, 4^2, 3^9, 2\})$	699052
12	$\mathcal{O}(0; \{6^{11}, 4^4, 2^{10}\})$	5456
12	$\mathcal{O}(0; \{6^{11}, 4^4, 3^3, 2^6\})$	43696
12	$\mathcal{O}(0; \{6^{11}, 4^4, 3^6, 2^2\})$	349520

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^{11}, 4^6, 2^7\})$	21824
12	$\mathcal{O}(0; \{6^{11}, 4^6, 3^3, 2^3\})$	174784
12	$\mathcal{O}(0; \{6^{11}, 4^8, 2^4\})$	87296
12	$\mathcal{O}(0; \{6^{11}, 4^8, 3^3\})$	699136
12	$\mathcal{O}(0; \{6^{11}, 4^{10}, 2\})$	349184
12	$\mathcal{O}(0; \{6^{12}, 4^2, 3, 2^{10}\})$	5460
12	$\mathcal{O}(0; \{6^{12}, 4^2, 3^4, 2^6\})$	43692
12	$\mathcal{O}(0; \{6^{12}, 4^2, 3^7, 2^2\})$	349524
12	$\mathcal{O}(0; \{6^{12}, 4^4, 3, 2^7\})$	21840
12	$\mathcal{O}(0; \{6^{12}, 4^4, 3^4, 2^3\})$	174768
12	$\mathcal{O}(0; \{6^{12}, 4^6, 3, 2^4\})$	87360
12	$\mathcal{O}(0; \{6^{12}, 4^6, 3^4\})$	699072
12	$\mathcal{O}(0; \{6^{12}, 4^8, 3, 2\})$	349440
12	$\mathcal{O}(0; \{6^{13}, 4^2, 3^2, 2^7\})$	21844
12	$\mathcal{O}(0; \{6^{13}, 4^2, 3^5, 2^3\})$	174764
12	$\mathcal{O}(0; \{6^{13}, 4^4, 3^2, 2^4\})$	87376
12	$\mathcal{O}(0; \{6^{13}, 4^4, 3^5\})$	699056
12	$\mathcal{O}(0; \{6^{13}, 4^6, 3^2, 2\})$	349504
12	$\mathcal{O}(0; \{6^{14}, 4^2, 2^8\})$	10924
12	$\mathcal{O}(0; \{6^{14}, 4^2, 3^3, 2^4\})$	87380
12	$\mathcal{O}(0; \{6^{14}, 4^2, 3^6\})$	699052
12	$\mathcal{O}(0; \{6^{14}, 4^4, 2^5\})$	43696
12	$\mathcal{O}(0; \{6^{14}, 4^4, 3^3, 2\})$	349520
12	$\mathcal{O}(0; \{6^{14}, 4^6, 2^2\})$	174784
12	$\mathcal{O}(0; \{6^{15}, 4^2, 3, 2^5\})$	43692
12	$\mathcal{O}(0; \{6^{15}, 4^2, 3^4, 2\})$	349524
12	$\mathcal{O}(0; \{6^{15}, 4^4, 3, 2^2\})$	174768
12	$\mathcal{O}(0; \{6^{16}, 4^2, 3^2, 2^2\})$	174764
12	$\mathcal{O}(0; \{6^{17}, 4^2, 2^3\})$	87380
12	$\mathcal{O}(0; \{6^{17}, 4^4\})$	349520
12	$\mathcal{O}(0; \{6^{18}, 4^2, 3\})$	349524
12	$\mathcal{O}(0; \{12, 4, 3^3, 2^{27}\})$	12
12	$\mathcal{O}(0; \{12, 4, 3^6, 2^{23}\})$	84
12	$\mathcal{O}(0; \{12, 4, 3^9, 2^{19}\})$	684
12	$\mathcal{O}(0; \{12, 4, 3^{12}, 2^{15}\})$	5460
12	$\mathcal{O}(0; \{12, 4, 3^{15}, 2^{11}\})$	43692
12	$\mathcal{O}(0; \{12, 4, 3^{18}, 2^7\})$	349524
12	$\mathcal{O}(0; \{12, 4, 3^{21}, 2^3\})$	2796204
12	$\mathcal{O}(0; \{12, 4^3, 3^3, 2^{24}\})$	48
12	$\mathcal{O}(0; \{12, 4^3, 3^6, 2^{20}\})$	336
12	$\mathcal{O}(0; \{12, 4^3, 3^9, 2^{16}\})$	2736
12	$\mathcal{O}(0; \{12, 4^3, 3^{12}, 2^{12}\})$	21840
12	$\mathcal{O}(0; \{12, 4^3, 3^{15}, 2^8\})$	174768

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 4^3, 3^{18}, 2^4\})$	1398096
12	$\mathcal{O}(0; \{12, 4^3, 3^{21}\})$	11184816
12	$\mathcal{O}(0; \{12, 4^5, 3^3, 2^{21}\})$	192
12	$\mathcal{O}(0; \{12, 4^5, 3^6, 2^{17}\})$	1344
12	$\mathcal{O}(0; \{12, 4^5, 3^9, 2^{13}\})$	10944
12	$\mathcal{O}(0; \{12, 4^5, 3^{12}, 2^9\})$	87360
12	$\mathcal{O}(0; \{12, 4^5, 3^{15}, 2^5\})$	699072
12	$\mathcal{O}(0; \{12, 4^5, 3^{18}, 2\})$	5592384
12	$\mathcal{O}(0; \{12, 4^7, 3^3, 2^{18}\})$	768
12	$\mathcal{O}(0; \{12, 4^7, 3^6, 2^{14}\})$	5376
12	$\mathcal{O}(0; \{12, 4^7, 3^9, 2^{10}\})$	43776
12	$\mathcal{O}(0; \{12, 4^7, 3^{12}, 2^6\})$	349440
12	$\mathcal{O}(0; \{12, 4^7, 3^{15}, 2^2\})$	2796288
12	$\mathcal{O}(0; \{12, 4^9, 3^3, 2^{15}\})$	3072
12	$\mathcal{O}(0; \{12, 4^9, 3^6, 2^{11}\})$	21504
12	$\mathcal{O}(0; \{12, 4^9, 3^9, 2^7\})$	175104
12	$\mathcal{O}(0; \{12, 4^9, 3^{12}, 2^3\})$	1397760
12	$\mathcal{O}(0; \{12, 4^{11}, 3^3, 2^{12}\})$	12288
12	$\mathcal{O}(0; \{12, 4^{11}, 3^6, 2^8\})$	86016
12	$\mathcal{O}(0; \{12, 4^{11}, 3^9, 2^4\})$	700416
12	$\mathcal{O}(0; \{12, 4^{11}, 3^{12}\})$	5591040
12	$\mathcal{O}(0; \{12, 4^{13}, 3^3, 2^9\})$	49152
12	$\mathcal{O}(0; \{12, 4^{13}, 3^6, 2^5\})$	344064
12	$\mathcal{O}(0; \{12, 4^{13}, 3^9, 2\})$	2801664
12	$\mathcal{O}(0; \{12, 4^{15}, 3^3, 2^6\})$	196608
12	$\mathcal{O}(0; \{12, 4^{15}, 3^6, 2^2\})$	1376256
12	$\mathcal{O}(0; \{12, 4^{17}, 3^3, 2^3\})$	786432
12	$\mathcal{O}(0; \{12, 4^{19}, 3^3\})$	3145728
12	$\mathcal{O}(0; \{12, 6, 4, 3, 2^{28}\})$	4
12	$\mathcal{O}(0; \{12, 6, 4, 3^4, 2^{24}\})$	44
12	$\mathcal{O}(0; \{12, 6, 4, 3^7, 2^{20}\})$	340
12	$\mathcal{O}(0; \{12, 6, 4, 3^{10}, 2^{16}\})$	2732
12	$\mathcal{O}(0; \{12, 6, 4, 3^{13}, 2^{12}\})$	21844
12	$\mathcal{O}(0; \{12, 6, 4, 3^{16}, 2^8\})$	174764
12	$\mathcal{O}(0; \{12, 6, 4, 3^{19}, 2^4\})$	1398100
12	$\mathcal{O}(0; \{12, 6, 4, 3^{22}\})$	11184812
12	$\mathcal{O}(0; \{12, 6, 4^3, 3, 2^{25}\})$	16
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^4, 2^{21}\})$	176
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^7, 2^{17}\})$	1360
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{10}, 2^{13}\})$	10928
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{13}, 2^9\})$	87376
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{16}, 2^5\})$	699056
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{19}, 2\})$	5592400

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6, 4^5, 3, 2^{22}\})$	64
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^4, 2^{18}\})$	704
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^7, 2^{14}\})$	5440
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^{10}, 2^{10}\})$	43712
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^{13}, 2^6\})$	349504
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^{16}, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12, 6, 4^7, 3, 2^{19}\})$	256
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^4, 2^{15}\})$	2816
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^7, 2^{11}\})$	21760
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^{10}, 2^7\})$	174848
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^{13}, 2^3\})$	1398016
12	$\mathcal{O}(0; \{12, 6, 4^9, 3, 2^{16}\})$	1024
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^4, 2^{12}\})$	11264
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^7, 2^8\})$	87040
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^{10}, 2^4\})$	699392
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^{13}\})$	5592064
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3, 2^{13}\})$	4096
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3^4, 2^9\})$	45056
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3^7, 2^5\})$	348160
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3^{10}, 2\})$	2797568
12	$\mathcal{O}(0; \{12, 6, 4^{13}, 3, 2^{10}\})$	16384
12	$\mathcal{O}(0; \{12, 6, 4^{13}, 3^4, 2^6\})$	180224
12	$\mathcal{O}(0; \{12, 6, 4^{13}, 3^7, 2^2\})$	1392640
12	$\mathcal{O}(0; \{12, 6, 4^{15}, 3, 2^7\})$	65536
12	$\mathcal{O}(0; \{12, 6, 4^{15}, 3^4, 2^3\})$	720896
12	$\mathcal{O}(0; \{12, 6, 4^{17}, 3, 2^4\})$	262144
12	$\mathcal{O}(0; \{12, 6, 4^{17}, 3^4\})$	2883584
12	$\mathcal{O}(0; \{12, 6, 4^{19}, 3, 2\})$	1048576
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^2, 2^{25}\})$	20
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^5, 2^{21}\})$	172
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^8, 2^{17}\})$	1364
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{11}, 2^{13}\})$	10924
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{14}, 2^9\})$	87380
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{17}, 2^5\})$	699052
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{20}, 2\})$	5592404
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^2, 2^{22}\})$	80
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^5, 2^{18}\})$	688
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^8, 2^{14}\})$	5456
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^{11}, 2^{10}\})$	43696
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^{14}, 2^6\})$	349520
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^{17}, 2^2\})$	2796208
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^2, 2^{19}\})$	320
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^5, 2^{15}\})$	2752

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^8, 2^{11}\})$	21824
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^{11}, 2^7\})$	174784
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^{14}, 2^3\})$	1398080
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^2, 2^{16}\})$	1280
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^5, 2^{12}\})$	11008
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^8, 2^8\})$	87296
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^{11}, 2^4\})$	699136
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^{14}\})$	5592320
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^2, 2^{13}\})$	5120
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^5, 2^9\})$	44032
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^8, 2^5\})$	349184
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^{11}, 2\})$	2796544
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 3^2, 2^{10}\})$	20480
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 3^5, 2^6\})$	176128
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 3^8, 2^2\})$	1396736
12	$\mathcal{O}(0; \{12, 6^2, 4^{13}, 3^2, 2^7\})$	81920
12	$\mathcal{O}(0; \{12, 6^2, 4^{13}, 3^5, 2^3\})$	704512
12	$\mathcal{O}(0; \{12, 6^2, 4^{15}, 3^2, 2^4\})$	327680
12	$\mathcal{O}(0; \{12, 6^2, 4^{15}, 3^5\})$	2818048
12	$\mathcal{O}(0; \{12, 6^2, 4^{17}, 3^2, 2\})$	1310720
12	$\mathcal{O}(0; \{12, 6^3, 4, 2^{26}\})$	12
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^3, 2^{22}\})$	84
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^6, 2^{18}\})$	684
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^9, 2^{14}\})$	5460
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{12}, 2^{10}\})$	43692
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{15}, 2^6\})$	349524
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{18}, 2^2\})$	2796204
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 2^{23}\})$	48
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^3, 2^{19}\})$	336
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^6, 2^{15}\})$	2736
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^9, 2^{11}\})$	21840
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^{12}, 2^7\})$	174768
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^{15}, 2^3\})$	1398096
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 2^{20}\})$	192
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^3, 2^{16}\})$	1344
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^6, 2^{12}\})$	10944
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^9, 2^8\})$	87360
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^{12}, 2^4\})$	699072
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^{15}\})$	5592384
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 2^{17}\})$	768
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^3, 2^{13}\})$	5376
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^6, 2^9\})$	43776
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^9, 2^5\})$	349440

Continued on next page

Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^{12}, 2\})$	2796288
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 2^{14}\})$	3072
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3^3, 2^{10}\})$	21504
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3^6, 2^6\})$	175104
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3^9, 2^2\})$	1397760
12	$\mathcal{O}(0; \{12, 6^3, 4^{11}, 2^{11}\})$	12288
12	$\mathcal{O}(0; \{12, 6^3, 4^{11}, 3^3, 2^7\})$	86016
12	$\mathcal{O}(0; \{12, 6^3, 4^{11}, 3^6, 2^3\})$	700416
12	$\mathcal{O}(0; \{12, 6^3, 4^{13}, 2^8\})$	49152
12	$\mathcal{O}(0; \{12, 6^3, 4^{13}, 3^3, 2^4\})$	344064
12	$\mathcal{O}(0; \{12, 6^3, 4^{13}, 3^6\})$	2801664
12	$\mathcal{O}(0; \{12, 6^3, 4^{15}, 2^5\})$	196608
12	$\mathcal{O}(0; \{12, 6^3, 4^{15}, 3^3, 2\})$	1376256
12	$\mathcal{O}(0; \{12, 6^3, 4^{17}, 2^2\})$	786432
12	$\mathcal{O}(0; \{12, 6^4, 4, 3, 2^{23}\})$	44
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^4, 2^{19}\})$	340
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^7, 2^{15}\})$	2732
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^{10}, 2^{11}\})$	21844
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^{13}, 2^7\})$	174764
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^{16}, 2^3\})$	1398100
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3, 2^{20}\})$	176
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^4, 2^{16}\})$	1360
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^7, 2^{12}\})$	10928
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^{10}, 2^8\})$	87376
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^{13}, 2^4\})$	699056
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^{16}\})$	5592400
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3, 2^{17}\})$	704
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^4, 2^{13}\})$	5440
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^7, 2^9\})$	43712
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^{10}, 2^5\})$	349504
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^{13}, 2\})$	2796224
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3, 2^{14}\})$	2816
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^4, 2^{10}\})$	21760
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^7, 2^6\})$	174848
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^{10}, 2^2\})$	1398016
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 3, 2^{11}\})$	11264
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 3^4, 2^7\})$	87040
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 3^7, 2^3\})$	699392
12	$\mathcal{O}(0; \{12, 6^4, 4^{11}, 3, 2^8\})$	45056
12	$\mathcal{O}(0; \{12, 6^4, 4^{11}, 3^4, 2^4\})$	348160
12	$\mathcal{O}(0; \{12, 6^4, 4^{11}, 3^7\})$	2797568
12	$\mathcal{O}(0; \{12, 6^4, 4^{13}, 3, 2^5\})$	180224
12	$\mathcal{O}(0; \{12, 6^4, 4^{13}, 3^4, 2\})$	1392640

Continued on next page

Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^4, 4^{15}, 3, 2^2\})$	720896
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^2, 2^{20}\})$	172
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^5, 2^{16}\})$	1364
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^8, 2^{12}\})$	10924
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^{11}, 2^8\})$	87380
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^{14}, 2^4\})$	699052
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^{17}\})$	5592404
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^2, 2^{17}\})$	688
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^5, 2^{13}\})$	5456
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^8, 2^9\})$	43696
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^{11}, 2^5\})$	349520
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^{14}, 2\})$	2796208
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^2, 2^{14}\})$	2752
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^5, 2^{10}\})$	21824
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^8, 2^6\})$	174784
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^{11}, 2^2\})$	1398080
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3^2, 2^{11}\})$	11008
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3^5, 2^7\})$	87296
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3^8, 2^3\})$	699136
12	$\mathcal{O}(0; \{12, 6^5, 4^9, 3^2, 2^8\})$	44032
12	$\mathcal{O}(0; \{12, 6^5, 4^9, 3^5, 2^4\})$	349184
12	$\mathcal{O}(0; \{12, 6^5, 4^9, 3^8\})$	2796544
12	$\mathcal{O}(0; \{12, 6^5, 4^{11}, 3^2, 2^5\})$	176128
12	$\mathcal{O}(0; \{12, 6^5, 4^{11}, 3^5, 2\})$	1396736
12	$\mathcal{O}(0; \{12, 6^5, 4^{13}, 3^2, 2^2\})$	704512
12	$\mathcal{O}(0; \{12, 6^6, 4, 2^{21}\})$	84
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^3, 2^{17}\})$	684
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^6, 2^{13}\})$	5460
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^9, 2^9\})$	43692
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^{12}, 2^5\})$	349524
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^{15}, 2\})$	2796204
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 2^{18}\})$	336
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^3, 2^{14}\})$	2736
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^6, 2^{10}\})$	21840
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^9, 2^6\})$	174768
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^{12}, 2^2\})$	1398096
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 2^{15}\})$	1344
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^3, 2^{11}\})$	10944
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^6, 2^7\})$	87360
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^9, 2^3\})$	699072
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 2^{12}\})$	5376
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 3^3, 2^8\})$	43776
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 3^6, 2^4\})$	349440

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 3^9\})$	2796288
12	$\mathcal{O}(0; \{12, 6^6, 4^9, 2^9\})$	21504
12	$\mathcal{O}(0; \{12, 6^6, 4^9, 3^3, 2^5\})$	175104
12	$\mathcal{O}(0; \{12, 6^6, 4^9, 3^6, 2\})$	1397760
12	$\mathcal{O}(0; \{12, 6^6, 4^{11}, 2^6\})$	86016
12	$\mathcal{O}(0; \{12, 6^6, 4^{11}, 3^3, 2^2\})$	700416
12	$\mathcal{O}(0; \{12, 6^6, 4^{13}, 2^3\})$	344064
12	$\mathcal{O}(0; \{12, 6^6, 4^{15}\})$	1376256
12	$\mathcal{O}(0; \{12, 6^7, 4, 3, 2^{18}\})$	340
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^4, 2^{14}\})$	2732
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^7, 2^{10}\})$	21844
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^{10}, 2^6\})$	174764
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^{13}, 2^2\})$	1398100
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3, 2^{15}\})$	1360
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^4, 2^{11}\})$	10928
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^7, 2^7\})$	87376
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^{10}, 2^3\})$	699056
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3, 2^{12}\})$	5440
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3^4, 2^8\})$	43712
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3^7, 2^4\})$	349504
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3^{10}\})$	2796224
12	$\mathcal{O}(0; \{12, 6^7, 4^7, 3, 2^9\})$	21760
12	$\mathcal{O}(0; \{12, 6^7, 4^7, 3^4, 2^5\})$	174848
12	$\mathcal{O}(0; \{12, 6^7, 4^7, 3^7, 2\})$	1398016
12	$\mathcal{O}(0; \{12, 6^7, 4^9, 3, 2^6\})$	87040
12	$\mathcal{O}(0; \{12, 6^7, 4^9, 3^4, 2^2\})$	699392
12	$\mathcal{O}(0; \{12, 6^7, 4^{11}, 3, 2^3\})$	348160
12	$\mathcal{O}(0; \{12, 6^7, 4^{13}, 3\})$	1392640
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^2, 2^{15}\})$	1364
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^5, 2^{11}\})$	10924
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^8, 2^7\})$	87380
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^{11}, 2^3\})$	699052
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^2, 2^{12}\})$	5456
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^5, 2^8\})$	43696
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^8, 2^4\})$	349520
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^{11}\})$	2796208
12	$\mathcal{O}(0; \{12, 6^8, 4^5, 3^2, 2^9\})$	21824
12	$\mathcal{O}(0; \{12, 6^8, 4^5, 3^5, 2^5\})$	174784
12	$\mathcal{O}(0; \{12, 6^8, 4^5, 3^8, 2\})$	1398080
12	$\mathcal{O}(0; \{12, 6^8, 4^7, 3^2, 2^6\})$	87296
12	$\mathcal{O}(0; \{12, 6^8, 4^7, 3^5, 2^2\})$	699136
12	$\mathcal{O}(0; \{12, 6^8, 4^9, 3^2, 2^3\})$	349184
12	$\mathcal{O}(0; \{12, 6^8, 4^{11}, 3^2\})$	1396736

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^9, 4, 2^{16}\})$	684
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^3, 2^{12}\})$	5460
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^6, 2^8\})$	43692
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^9, 2^4\})$	349524
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^{12}\})$	2796204
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 2^{13}\})$	2736
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 3^3, 2^9\})$	21840
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 3^6, 2^5\})$	174768
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 3^9, 2\})$	1398096
12	$\mathcal{O}(0; \{12, 6^9, 4^5, 2^{10}\})$	10944
12	$\mathcal{O}(0; \{12, 6^9, 4^5, 3^3, 2^6\})$	87360
12	$\mathcal{O}(0; \{12, 6^9, 4^5, 3^6, 2^2\})$	699072
12	$\mathcal{O}(0; \{12, 6^9, 4^7, 2^7\})$	43776
12	$\mathcal{O}(0; \{12, 6^9, 4^7, 3^3, 2^3\})$	349440
12	$\mathcal{O}(0; \{12, 6^9, 4^9, 2^4\})$	175104
12	$\mathcal{O}(0; \{12, 6^9, 4^9, 3^3\})$	1397760
12	$\mathcal{O}(0; \{12, 6^9, 4^{11}, 2\})$	700416
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3, 2^{13}\})$	2732
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3^4, 2^9\})$	21844
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3^7, 2^5\})$	174764
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3^{10}, 2\})$	1398100
12	$\mathcal{O}(0; \{12, 6^{10}, 4^3, 3, 2^{10}\})$	10928
12	$\mathcal{O}(0; \{12, 6^{10}, 4^3, 3^4, 2^6\})$	87376
12	$\mathcal{O}(0; \{12, 6^{10}, 4^3, 3^7, 2^2\})$	699056
12	$\mathcal{O}(0; \{12, 6^{10}, 4^5, 3, 2^7\})$	43712
12	$\mathcal{O}(0; \{12, 6^{10}, 4^5, 3^4, 2^3\})$	349504
12	$\mathcal{O}(0; \{12, 6^{10}, 4^7, 3, 2^4\})$	174848
12	$\mathcal{O}(0; \{12, 6^{10}, 4^7, 3^4\})$	1398016
12	$\mathcal{O}(0; \{12, 6^{10}, 4^9, 3, 2\})$	699392
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 3^2, 2^{10}\})$	10924
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 3^5, 2^6\})$	87380
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 3^8, 2^2\})$	699052
12	$\mathcal{O}(0; \{12, 6^{11}, 4^3, 3^2, 2^7\})$	43696
12	$\mathcal{O}(0; \{12, 6^{11}, 4^3, 3^5, 2^3\})$	349520
12	$\mathcal{O}(0; \{12, 6^{11}, 4^5, 3^2, 2^4\})$	174784
12	$\mathcal{O}(0; \{12, 6^{11}, 4^5, 3^5\})$	1398080
12	$\mathcal{O}(0; \{12, 6^{11}, 4^7, 3^2, 2\})$	699136
12	$\mathcal{O}(0; \{12, 6^{12}, 4, 2^{11}\})$	5460
12	$\mathcal{O}(0; \{12, 6^{12}, 4, 3^3, 2^7\})$	43692
12	$\mathcal{O}(0; \{12, 6^{12}, 4, 3^6, 2^3\})$	349524
12	$\mathcal{O}(0; \{12, 6^{12}, 4^3, 2^8\})$	21840
12	$\mathcal{O}(0; \{12, 6^{12}, 4^3, 3^3, 2^4\})$	174768
12	$\mathcal{O}(0; \{12, 6^{12}, 4^3, 3^6\})$	1398096

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^{12}, 4^5, 2^5\})$	87360
12	$\mathcal{O}(0; \{12, 6^{12}, 4^5, 3^3, 2\})$	699072
12	$\mathcal{O}(0; \{12, 6^{12}, 4^7, 2^2\})$	349440
12	$\mathcal{O}(0; \{12, 6^{13}, 4, 3, 2^8\})$	21844
12	$\mathcal{O}(0; \{12, 6^{13}, 4, 3^4, 2^4\})$	174764
12	$\mathcal{O}(0; \{12, 6^{13}, 4, 3^7\})$	1398100
12	$\mathcal{O}(0; \{12, 6^{13}, 4^3, 3, 2^5\})$	87376
12	$\mathcal{O}(0; \{12, 6^{13}, 4^3, 3^4, 2\})$	699056
12	$\mathcal{O}(0; \{12, 6^{13}, 4^5, 3, 2^2\})$	349504
12	$\mathcal{O}(0; \{12, 6^{14}, 4, 3^2, 2^5\})$	87380
12	$\mathcal{O}(0; \{12, 6^{14}, 4, 3^5, 2\})$	699052
12	$\mathcal{O}(0; \{12, 6^{14}, 4^3, 3^2, 2^2\})$	349520
12	$\mathcal{O}(0; \{12, 6^{15}, 4, 2^6\})$	43692
12	$\mathcal{O}(0; \{12, 6^{15}, 4, 3^3, 2^2\})$	349524
12	$\mathcal{O}(0; \{12, 6^{15}, 4^3, 2^3\})$	174768
12	$\mathcal{O}(0; \{12, 6^{15}, 4^5\})$	699072
12	$\mathcal{O}(0; \{12, 6^{16}, 4, 3, 2^3\})$	174764
12	$\mathcal{O}(0; \{12, 6^{16}, 4^3, 3\})$	699056
12	$\mathcal{O}(0; \{12, 6^{17}, 4, 3^2\})$	699052
12	$\mathcal{O}(0; \{12, 6^{18}, 4, 2\})$	349524
12	$\mathcal{O}(0; \{12^2, 3^2, 2^{28}\})$	12
12	$\mathcal{O}(0; \{12^2, 3^5, 2^{24}\})$	84
12	$\mathcal{O}(0; \{12^2, 3^8, 2^{20}\})$	684
12	$\mathcal{O}(0; \{12^2, 3^{11}, 2^{16}\})$	5460
12	$\mathcal{O}(0; \{12^2, 3^{14}, 2^{12}\})$	43692
12	$\mathcal{O}(0; \{12^2, 3^{17}, 2^8\})$	349524
12	$\mathcal{O}(0; \{12^2, 3^{20}, 2^4\})$	2796204
12	$\mathcal{O}(0; \{12^2, 3^{23}\})$	22369620
12	$\mathcal{O}(0; \{12^2, 4^2, 3^2, 2^{25}\})$	48
12	$\mathcal{O}(0; \{12^2, 4^2, 3^5, 2^{21}\})$	336
12	$\mathcal{O}(0; \{12^2, 4^2, 3^8, 2^{17}\})$	2736
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{11}, 2^{13}\})$	21840
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{14}, 2^9\})$	174768
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{17}, 2^5\})$	1398096
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{20}, 2\})$	11184816
12	$\mathcal{O}(0; \{12^2, 4^4, 3^2, 2^{22}\})$	192
12	$\mathcal{O}(0; \{12^2, 4^4, 3^5, 2^{18}\})$	1344
12	$\mathcal{O}(0; \{12^2, 4^4, 3^8, 2^{14}\})$	10944
12	$\mathcal{O}(0; \{12^2, 4^4, 3^{11}, 2^{10}\})$	87360
12	$\mathcal{O}(0; \{12^2, 4^4, 3^{14}, 2^6\})$	699072
12	$\mathcal{O}(0; \{12^2, 4^4, 3^{17}, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^2, 4^6, 3^2, 2^{19}\})$	768
12	$\mathcal{O}(0; \{12^2, 4^6, 3^5, 2^{15}\})$	5376

Continued on next page

Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 4^6, 3^8, 2^{11}\})$	43776
12	$\mathcal{O}(0; \{12^2, 4^6, 3^{11}, 2^7\})$	349440
12	$\mathcal{O}(0; \{12^2, 4^6, 3^{14}, 2^3\})$	2796288
12	$\mathcal{O}(0; \{12^2, 4^8, 3^2, 2^{16}\})$	3072
12	$\mathcal{O}(0; \{12^2, 4^8, 3^5, 2^{12}\})$	21504
12	$\mathcal{O}(0; \{12^2, 4^8, 3^8, 2^8\})$	175104
12	$\mathcal{O}(0; \{12^2, 4^8, 3^{11}, 2^4\})$	1397760
12	$\mathcal{O}(0; \{12^2, 4^8, 3^{14}\})$	11185152
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^2, 2^{13}\})$	12288
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^5, 2^9\})$	86016
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^8, 2^5\})$	700416
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^{11}, 2\})$	5591040
12	$\mathcal{O}(0; \{12^2, 4^{12}, 3^2, 2^{10}\})$	49152
12	$\mathcal{O}(0; \{12^2, 4^{12}, 3^5, 2^6\})$	344064
12	$\mathcal{O}(0; \{12^2, 4^{12}, 3^8, 2^2\})$	2801664
12	$\mathcal{O}(0; \{12^2, 4^{14}, 3^2, 2^7\})$	196608
12	$\mathcal{O}(0; \{12^2, 4^{14}, 3^5, 2^3\})$	1376256
12	$\mathcal{O}(0; \{12^2, 4^{16}, 3^2, 2^4\})$	786432
12	$\mathcal{O}(0; \{12^2, 4^{16}, 3^5\})$	5505024
12	$\mathcal{O}(0; \{12^2, 4^{18}, 3^2, 2\})$	3145728
12	$\mathcal{O}(0; \{12^2, 6, 2^{29}\})$	4
12	$\mathcal{O}(0; \{12^2, 6, 3^3, 2^{25}\})$	44
12	$\mathcal{O}(0; \{12^2, 6, 3^6, 2^{21}\})$	340
12	$\mathcal{O}(0; \{12^2, 6, 3^9, 2^{17}\})$	2732
12	$\mathcal{O}(0; \{12^2, 6, 3^{12}, 2^{13}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6, 3^{15}, 2^9\})$	174764
12	$\mathcal{O}(0; \{12^2, 6, 3^{18}, 2^5\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6, 3^{21}, 2\})$	11184812
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 2^{26}\})$	16
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^3, 2^{22}\})$	176
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^6, 2^{18}\})$	1360
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^9, 2^{14}\})$	10928
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{12}, 2^{10}\})$	87376
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{15}, 2^6\})$	699056
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{18}, 2^2\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 2^{23}\})$	64
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^3, 2^{19}\})$	704
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^6, 2^{15}\})$	5440
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^9, 2^{11}\})$	43712
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^{12}, 2^7\})$	349504
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^{15}, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 2^{20}\})$	256
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^3, 2^{16}\})$	2816

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^6, 2^{12}\})$	21760
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^9, 2^8\})$	174848
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^{12}, 2^4\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^{15}\})$	11184896
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 2^{17}\})$	1024
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^3, 2^{13}\})$	11264
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^6, 2^9\})$	87040
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^9, 2^5\})$	699392
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^{12}, 2\})$	5592064
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 2^{14}\})$	4096
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3^3, 2^{10}\})$	45056
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3^6, 2^6\})$	348160
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3^9, 2^2\})$	2797568
12	$\mathcal{O}(0; \{12^2, 6, 4^{12}, 2^{11}\})$	16384
12	$\mathcal{O}(0; \{12^2, 6, 4^{12}, 3^3, 2^7\})$	180224
12	$\mathcal{O}(0; \{12^2, 6, 4^{12}, 3^6, 2^3\})$	1392640
12	$\mathcal{O}(0; \{12^2, 6, 4^{14}, 2^8\})$	65536
12	$\mathcal{O}(0; \{12^2, 6, 4^{14}, 3^3, 2^4\})$	720896
12	$\mathcal{O}(0; \{12^2, 6, 4^{14}, 3^6\})$	5570560
12	$\mathcal{O}(0; \{12^2, 6, 4^{16}, 2^5\})$	262144
12	$\mathcal{O}(0; \{12^2, 6, 4^{16}, 3^3, 2\})$	2883584
12	$\mathcal{O}(0; \{12^2, 6, 4^{18}, 2^2\})$	1048576
12	$\mathcal{O}(0; \{12^2, 6^2, 3, 2^{26}\})$	20
12	$\mathcal{O}(0; \{12^2, 6^2, 3^4, 2^{22}\})$	172
12	$\mathcal{O}(0; \{12^2, 6^2, 3^7, 2^{18}\})$	1364
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{10}, 2^{14}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{13}, 2^{10}\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{16}, 2^6\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{19}, 2^2\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3, 2^{23}\})$	80
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^4, 2^{19}\})$	688
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^7, 2^{15}\})$	5456
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^{10}, 2^{11}\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^{13}, 2^7\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^{16}, 2^3\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3, 2^{20}\})$	320
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^4, 2^{16}\})$	2752
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^7, 2^{12}\})$	21824
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^{10}, 2^8\})$	174784
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^{13}, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^{16}\})$	11184832
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3, 2^{17}\})$	1280
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^4, 2^{13}\})$	11008

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^7, 2^9\})$	87296
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^{10}, 2^5\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^{13}, 2\})$	5592320
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3, 2^{14}\})$	5120
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^4, 2^{10}\})$	44032
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^7, 2^6\})$	349184
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^{10}, 2^2\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 3, 2^{11}\})$	20480
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 3^4, 2^7\})$	176128
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 3^7, 2^3\})$	1396736
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{12}, 3, 2^8\})$	81920
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{12}, 3^4, 2^4\})$	704512
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{12}, 3^7\})$	5586944
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{14}, 3, 2^5\})$	327680
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{14}, 3^4, 2\})$	2818048
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{16}, 3, 2^2\})$	1310720
12	$\mathcal{O}(0; \{12^2, 6^3, 3^2, 2^{23}\})$	84
12	$\mathcal{O}(0; \{12^2, 6^3, 3^5, 2^{19}\})$	684
12	$\mathcal{O}(0; \{12^2, 6^3, 3^8, 2^{15}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{11}, 2^{11}\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{14}, 2^7\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{17}, 2^3\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^2, 2^{20}\})$	336
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^5, 2^{16}\})$	2736
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^8, 2^{12}\})$	21840
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^{11}, 2^8\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^{14}, 2^4\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^{17}\})$	11184816
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^2, 2^{17}\})$	1344
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^5, 2^{13}\})$	10944
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^8, 2^9\})$	87360
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^{11}, 2^5\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^{14}, 2\})$	5592384
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^2, 2^{14}\})$	5376
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^5, 2^{10}\})$	43776
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^8, 2^6\})$	349440
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^{11}, 2^2\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3^2, 2^{11}\})$	21504
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3^5, 2^7\})$	175104
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3^8, 2^3\})$	1397760
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{10}, 3^2, 2^8\})$	86016
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{10}, 3^5, 2^4\})$	700416
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{10}, 3^8\})$	5591040

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{12}, 3^2, 2^5\})$	344064
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{12}, 3^5, 2\})$	2801664
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{14}, 3^2, 2^2\})$	1376256
12	$\mathcal{O}(0; \{12^2, 6^4, 2^{24}\})$	44
12	$\mathcal{O}(0; \{12^2, 6^4, 3^3, 2^{20}\})$	340
12	$\mathcal{O}(0; \{12^2, 6^4, 3^6, 2^{16}\})$	2732
12	$\mathcal{O}(0; \{12^2, 6^4, 3^9, 2^{12}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^4, 3^{12}, 2^8\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^4, 3^{15}, 2^4\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^4, 3^{18}\})$	11184812
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 2^{21}\})$	176
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^3, 2^{17}\})$	1360
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^6, 2^{13}\})$	10928
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^9, 2^9\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^{12}, 2^5\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^{15}, 2\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 2^{18}\})$	704
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^3, 2^{14}\})$	5440
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^6, 2^{10}\})$	43712
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^9, 2^6\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^{12}, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 2^{15}\})$	2816
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^3, 2^{11}\})$	21760
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^6, 2^7\})$	174848
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^9, 2^3\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 2^{12}\})$	11264
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 3^3, 2^8\})$	87040
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 3^6, 2^4\})$	699392
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 3^9\})$	5592064
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{10}, 2^9\})$	45056
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{10}, 3^3, 2^5\})$	348160
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{10}, 3^6, 2\})$	2797568
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{12}, 2^6\})$	180224
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{12}, 3^3, 2^2\})$	1392640
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{14}, 2^3\})$	720896
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{16}\})$	2883584
12	$\mathcal{O}(0; \{12^2, 6^5, 3, 2^{21}\})$	172
12	$\mathcal{O}(0; \{12^2, 6^5, 3^4, 2^{17}\})$	1364
12	$\mathcal{O}(0; \{12^2, 6^5, 3^7, 2^{13}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6^5, 3^{10}, 2^9\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^5, 3^{13}, 2^5\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^5, 3^{16}, 2\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3, 2^{18}\})$	688

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^4, 2^{14}\})$	5456
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^7, 2^{10}\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^{10}, 2^6\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^{13}, 2^2\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3, 2^{15}\})$	2752
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^4, 2^{11}\})$	21824
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^7, 2^7\})$	174784
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^{10}, 2^3\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3, 2^{12}\})$	11008
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3^4, 2^8\})$	87296
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3^7, 2^4\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3^{10}\})$	5592320
12	$\mathcal{O}(0; \{12^2, 6^5, 4^8, 3, 2^9\})$	44032
12	$\mathcal{O}(0; \{12^2, 6^5, 4^8, 3^4, 2^5\})$	349184
12	$\mathcal{O}(0; \{12^2, 6^5, 4^8, 3^7, 2\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{10}, 3, 2^6\})$	176128
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{10}, 3^4, 2^2\})$	1396736
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{12}, 3, 2^3\})$	704512
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{14}, 3\})$	2818048
12	$\mathcal{O}(0; \{12^2, 6^6, 3^2, 2^{18}\})$	684
12	$\mathcal{O}(0; \{12^2, 6^6, 3^5, 2^{14}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6^6, 3^8, 2^{10}\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^6, 3^{11}, 2^6\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^6, 3^{14}, 2^2\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^2, 2^{15}\})$	2736
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^5, 2^{11}\})$	21840
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^8, 2^7\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^{11}, 2^3\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^2, 2^{12}\})$	10944
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^5, 2^8\})$	87360
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^8, 2^4\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^{11}\})$	5592384
12	$\mathcal{O}(0; \{12^2, 6^6, 4^6, 3^2, 2^9\})$	43776
12	$\mathcal{O}(0; \{12^2, 6^6, 4^6, 3^5, 2^5\})$	349440
12	$\mathcal{O}(0; \{12^2, 6^6, 4^6, 3^8, 2\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^6, 4^8, 3^2, 2^6\})$	175104
12	$\mathcal{O}(0; \{12^2, 6^6, 4^8, 3^5, 2^2\})$	1397760
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{10}, 3^2, 2^3\})$	700416
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{12}, 3^2\})$	2801664
12	$\mathcal{O}(0; \{12^2, 6^7, 2^{19}\})$	340
12	$\mathcal{O}(0; \{12^2, 6^7, 3^3, 2^{15}\})$	2732
12	$\mathcal{O}(0; \{12^2, 6^7, 3^6, 2^{11}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^7, 3^9, 2^7\})$	174764

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^7, 3^{12}, 2^3\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 2^{16}\})$	1360
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^3, 2^{12}\})$	10928
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^6, 2^8\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^9, 2^4\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^{12}\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 2^{13}\})$	5440
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 3^3, 2^9\})$	43712
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 3^6, 2^5\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 3^9, 2\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^7, 4^6, 2^{10}\})$	21760
12	$\mathcal{O}(0; \{12^2, 6^7, 4^6, 3^3, 2^6\})$	174848
12	$\mathcal{O}(0; \{12^2, 6^7, 4^6, 3^6, 2^2\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^7, 4^8, 2^7\})$	87040
12	$\mathcal{O}(0; \{12^2, 6^7, 4^8, 3^3, 2^3\})$	699392
12	$\mathcal{O}(0; \{12^2, 6^7, 4^{10}, 2^4\})$	348160
12	$\mathcal{O}(0; \{12^2, 6^7, 4^{10}, 3^3\})$	2797568
12	$\mathcal{O}(0; \{12^2, 6^7, 4^{12}, 2\})$	1392640
12	$\mathcal{O}(0; \{12^2, 6^8, 3, 2^{16}\})$	1364
12	$\mathcal{O}(0; \{12^2, 6^8, 3^4, 2^{12}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6^8, 3^7, 2^8\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^8, 3^{10}, 2^4\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^8, 3^{13}\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3, 2^{13}\})$	5456
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3^4, 2^9\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3^7, 2^5\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3^{10}, 2\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^8, 4^4, 3, 2^{10}\})$	21824
12	$\mathcal{O}(0; \{12^2, 6^8, 4^4, 3^4, 2^6\})$	174784
12	$\mathcal{O}(0; \{12^2, 6^8, 4^4, 3^7, 2^2\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^8, 4^6, 3, 2^7\})$	87296
12	$\mathcal{O}(0; \{12^2, 6^8, 4^6, 3^4, 2^3\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^8, 4^8, 3, 2^4\})$	349184
12	$\mathcal{O}(0; \{12^2, 6^8, 4^8, 3^4\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6^8, 4^{10}, 3, 2\})$	1396736
12	$\mathcal{O}(0; \{12^2, 6^9, 3^2, 2^{13}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6^9, 3^5, 2^9\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^9, 3^8, 2^5\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^9, 3^{11}, 2\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 3^2, 2^{10}\})$	21840
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 3^5, 2^6\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 3^8, 2^2\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^9, 4^4, 3^2, 2^7\})$	87360

Continued on next page

Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^9, 4^4, 3^5, 2^3\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^9, 4^6, 3^2, 2^4\})$	349440
12	$\mathcal{O}(0; \{12^2, 6^9, 4^6, 3^5\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^9, 4^8, 3^2, 2\})$	1397760
12	$\mathcal{O}(0; \{12^2, 6^{10}, 2^{14}\})$	2732
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3^3, 2^{10}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3^6, 2^6\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3^9, 2^2\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^2, 2^{11}\})$	10928
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^2, 3^3, 2^7\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^2, 3^6, 2^3\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^4, 2^8\})$	43712
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^4, 3^3, 2^4\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^4, 3^6\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^6, 2^5\})$	174848
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^6, 3^3, 2\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^8, 2^2\})$	699392
12	$\mathcal{O}(0; \{12^2, 6^{11}, 3, 2^{11}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6^{11}, 3^4, 2^7\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^{11}, 3^7, 2^3\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^2, 3, 2^8\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^2, 3^4, 2^4\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^2, 3^7\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^4, 3, 2^5\})$	174784
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^4, 3^4, 2\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^6, 3, 2^2\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^{12}, 3^2, 2^8\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^{12}, 3^5, 2^4\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^{12}, 3^8\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^2, 3^2, 2^5\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^2, 3^5, 2\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^4, 3^2, 2^2\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^{13}, 2^9\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^{13}, 3^3, 2^5\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^{13}, 3^6, 2\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^2, 2^6\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^2, 3^3, 2^2\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^4, 2^3\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^6\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^{14}, 3, 2^6\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^{14}, 3^4, 2^2\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^{14}, 4^2, 3, 2^3\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^{14}, 4^4, 3\})$	1398080

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^{15}, 3^2, 2^3\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^{15}, 4^2, 3^2\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^{16}, 2^4\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^{16}, 3^3\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^{16}, 4^2, 2\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^{17}, 3, 2\})$	699052
12	$\mathcal{O}(0; \{12^3, 4, 3, 2^{26}\})$	48
12	$\mathcal{O}(0; \{12^3, 4, 3^4, 2^{22}\})$	336
12	$\mathcal{O}(0; \{12^3, 4, 3^7, 2^{18}\})$	2736
12	$\mathcal{O}(0; \{12^3, 4, 3^{10}, 2^{14}\})$	21840
12	$\mathcal{O}(0; \{12^3, 4, 3^{13}, 2^{10}\})$	174768
12	$\mathcal{O}(0; \{12^3, 4, 3^{16}, 2^6\})$	1398096
12	$\mathcal{O}(0; \{12^3, 4, 3^{19}, 2^2\})$	11184816
12	$\mathcal{O}(0; \{12^3, 4^3, 3, 2^{23}\})$	192
12	$\mathcal{O}(0; \{12^3, 4^3, 3^4, 2^{19}\})$	1344
12	$\mathcal{O}(0; \{12^3, 4^3, 3^7, 2^{15}\})$	10944
12	$\mathcal{O}(0; \{12^3, 4^3, 3^{10}, 2^{11}\})$	87360
12	$\mathcal{O}(0; \{12^3, 4^3, 3^{13}, 2^7\})$	699072
12	$\mathcal{O}(0; \{12^3, 4^3, 3^{16}, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^3, 4^5, 3, 2^{20}\})$	768
12	$\mathcal{O}(0; \{12^3, 4^5, 3^4, 2^{16}\})$	5376
12	$\mathcal{O}(0; \{12^3, 4^5, 3^7, 2^{12}\})$	43776
12	$\mathcal{O}(0; \{12^3, 4^5, 3^{10}, 2^8\})$	349440
12	$\mathcal{O}(0; \{12^3, 4^5, 3^{13}, 2^4\})$	2796288
12	$\mathcal{O}(0; \{12^3, 4^5, 3^{16}\})$	22369536
12	$\mathcal{O}(0; \{12^3, 4^7, 3, 2^{17}\})$	3072
12	$\mathcal{O}(0; \{12^3, 4^7, 3^4, 2^{13}\})$	21504
12	$\mathcal{O}(0; \{12^3, 4^7, 3^7, 2^9\})$	175104
12	$\mathcal{O}(0; \{12^3, 4^7, 3^{10}, 2^5\})$	1397760
12	$\mathcal{O}(0; \{12^3, 4^7, 3^{13}, 2\})$	11185152
12	$\mathcal{O}(0; \{12^3, 4^9, 3, 2^{14}\})$	12288
12	$\mathcal{O}(0; \{12^3, 4^9, 3^4, 2^{10}\})$	86016
12	$\mathcal{O}(0; \{12^3, 4^9, 3^7, 2^6\})$	700416
12	$\mathcal{O}(0; \{12^3, 4^9, 3^{10}, 2^2\})$	5591040
12	$\mathcal{O}(0; \{12^3, 4^{11}, 3, 2^{11}\})$	49152
12	$\mathcal{O}(0; \{12^3, 4^{11}, 3^4, 2^7\})$	344064
12	$\mathcal{O}(0; \{12^3, 4^{11}, 3^7, 2^3\})$	2801664
12	$\mathcal{O}(0; \{12^3, 4^{13}, 3, 2^8\})$	196608
12	$\mathcal{O}(0; \{12^3, 4^{13}, 3^4, 2^4\})$	1376256
12	$\mathcal{O}(0; \{12^3, 4^{13}, 3^7\})$	11206656
12	$\mathcal{O}(0; \{12^3, 4^{15}, 3, 2^5\})$	786432
12	$\mathcal{O}(0; \{12^3, 4^{15}, 3^4, 2\})$	5505024
12	$\mathcal{O}(0; \{12^3, 4^{17}, 3, 2^2\})$	3145728

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^2, 2^{23}\})$	176
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^5, 2^{19}\})$	1360
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^8, 2^{15}\})$	10928
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{11}, 2^{11}\})$	87376
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{14}, 2^7\})$	699056
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{17}, 2^3\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^2, 2^{20}\})$	704
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^5, 2^{16}\})$	5440
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^8, 2^{12}\})$	43712
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^{11}, 2^8\})$	349504
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^{14}, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^{17}\})$	22369600
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^2, 2^{17}\})$	2816
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^5, 2^{13}\})$	21760
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^8, 2^9\})$	174848
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^{11}, 2^5\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^{14}, 2\})$	11184896
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^2, 2^{14}\})$	11264
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^5, 2^{10}\})$	87040
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^8, 2^6\})$	699392
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^{11}, 2^2\})$	5592064
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3^2, 2^{11}\})$	45056
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3^5, 2^7\})$	348160
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3^8, 2^3\})$	2797568
12	$\mathcal{O}(0; \{12^3, 6, 4^{11}, 3^2, 2^8\})$	180224
12	$\mathcal{O}(0; \{12^3, 6, 4^{11}, 3^5, 2^4\})$	1392640
12	$\mathcal{O}(0; \{12^3, 6, 4^{11}, 3^8\})$	11190272
12	$\mathcal{O}(0; \{12^3, 6, 4^{13}, 3^2, 2^5\})$	720896
12	$\mathcal{O}(0; \{12^3, 6, 4^{13}, 3^5, 2\})$	5570560
12	$\mathcal{O}(0; \{12^3, 6, 4^{15}, 3^2, 2^2\})$	2883584
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 2^{24}\})$	80
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^3, 2^{20}\})$	688
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^6, 2^{16}\})$	5456
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^9, 2^{12}\})$	43696
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^{12}, 2^8\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^{15}, 2^4\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^{18}\})$	22369616
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 2^{21}\})$	320
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^3, 2^{17}\})$	2752
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^6, 2^{13}\})$	21824
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^9, 2^9\})$	174784
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^{12}, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^{15}, 2\})$	11184832

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 2^{18}\})$	1280
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^3, 2^{14}\})$	11008
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^6, 2^{10}\})$	87296
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^9, 2^6\})$	699136
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^{12}, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 2^{15}\})$	5120
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^3, 2^{11}\})$	44032
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^6, 2^7\})$	349184
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^9, 2^3\})$	2796544
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 2^{12}\})$	20480
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 3^3, 2^8\})$	176128
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 3^6, 2^4\})$	1396736
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 3^9\})$	11186176
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{11}, 2^9\})$	81920
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{11}, 3^3, 2^5\})$	704512
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{11}, 3^6, 2\})$	5586944
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{13}, 2^6\})$	327680
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{13}, 3^3, 2^2\})$	2818048
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{15}, 2^3\})$	1310720
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{17}\})$	5242880
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3, 2^{21}\})$	336
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^4, 2^{17}\})$	2736
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^7, 2^{13}\})$	21840
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^{10}, 2^9\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^{13}, 2^5\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^{16}, 2\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3, 2^{18}\})$	1344
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^4, 2^{14}\})$	10944
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^7, 2^{10}\})$	87360
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^{10}, 2^6\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^{13}, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3, 2^{15}\})$	5376
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^4, 2^{11}\})$	43776
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^7, 2^7\})$	349440
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^{10}, 2^3\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3, 2^{12}\})$	21504
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3^4, 2^8\})$	175104
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3^7, 2^4\})$	1397760
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3^{10}\})$	11185152
12	$\mathcal{O}(0; \{12^3, 6^3, 4^9, 3, 2^9\})$	86016
12	$\mathcal{O}(0; \{12^3, 6^3, 4^9, 3^4, 2^5\})$	700416
12	$\mathcal{O}(0; \{12^3, 6^3, 4^9, 3^7, 2\})$	5591040
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{11}, 3, 2^6\})$	344064

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{11}, 3^4, 2^2\})$	2801664
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{13}, 3, 2^3\})$	1376256
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{15}, 3\})$	5505024
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^2, 2^{18}\})$	1360
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^5, 2^{14}\})$	10928
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^8, 2^{10}\})$	87376
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^{11}, 2^6\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^{14}, 2^2\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^2, 2^{15}\})$	5440
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^5, 2^{11}\})$	43712
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^8, 2^7\})$	349504
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^{11}, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^2, 2^{12}\})$	21760
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^5, 2^8\})$	174848
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^8, 2^4\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^{11}\})$	11184896
12	$\mathcal{O}(0; \{12^3, 6^4, 4^7, 3^2, 2^9\})$	87040
12	$\mathcal{O}(0; \{12^3, 6^4, 4^7, 3^5, 2^5\})$	699392
12	$\mathcal{O}(0; \{12^3, 6^4, 4^7, 3^8, 2\})$	5592064
12	$\mathcal{O}(0; \{12^3, 6^4, 4^9, 3^2, 2^6\})$	348160
12	$\mathcal{O}(0; \{12^3, 6^4, 4^9, 3^5, 2^2\})$	2797568
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{11}, 3^2, 2^3\})$	1392640
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{13}, 3^2\})$	5570560
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 2^{19}\})$	688
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^3, 2^{15}\})$	5456
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^6, 2^{11}\})$	43696
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^9, 2^7\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^{12}, 2^3\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 2^{16}\})$	2752
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^3, 2^{12}\})$	21824
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^6, 2^8\})$	174784
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^9, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^{12}\})$	11184832
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 2^{13}\})$	11008
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 3^3, 2^9\})$	87296
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 3^6, 2^5\})$	699136
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 3^9, 2\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^5, 4^7, 2^{10}\})$	44032
12	$\mathcal{O}(0; \{12^3, 6^5, 4^7, 3^3, 2^6\})$	349184
12	$\mathcal{O}(0; \{12^3, 6^5, 4^7, 3^6, 2^2\})$	2796544
12	$\mathcal{O}(0; \{12^3, 6^5, 4^9, 2^7\})$	176128
12	$\mathcal{O}(0; \{12^3, 6^5, 4^9, 3^3, 2^3\})$	1396736
12	$\mathcal{O}(0; \{12^3, 6^5, 4^{11}, 2^4\})$	704512

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^5, 4^{11}, 3^3\})$	5586944
12	$\mathcal{O}(0; \{12^3, 6^5, 4^{13}, 2\})$	2818048
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3, 2^{16}\})$	2736
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^4, 2^{12}\})$	21840
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^7, 2^8\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^{10}, 2^4\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^{13}\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3, 2^{13}\})$	10944
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3^4, 2^9\})$	87360
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3^7, 2^5\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3^{10}, 2\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^6, 4^5, 3, 2^{10}\})$	43776
12	$\mathcal{O}(0; \{12^3, 6^6, 4^5, 3^4, 2^6\})$	349440
12	$\mathcal{O}(0; \{12^3, 6^6, 4^5, 3^7, 2^2\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^6, 4^7, 3, 2^7\})$	175104
12	$\mathcal{O}(0; \{12^3, 6^6, 4^7, 3^4, 2^3\})$	1397760
12	$\mathcal{O}(0; \{12^3, 6^6, 4^9, 3, 2^4\})$	700416
12	$\mathcal{O}(0; \{12^3, 6^6, 4^9, 3^4\})$	5591040
12	$\mathcal{O}(0; \{12^3, 6^6, 4^{11}, 3, 2\})$	2801664
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^2, 2^{13}\})$	10928
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^5, 2^9\})$	87376
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^8, 2^5\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^{11}, 2\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 3^2, 2^{10}\})$	43712
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 3^5, 2^6\})$	349504
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 3^8, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^7, 4^5, 3^2, 2^7\})$	174848
12	$\mathcal{O}(0; \{12^3, 6^7, 4^5, 3^5, 2^3\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^7, 4^7, 3^2, 2^4\})$	699392
12	$\mathcal{O}(0; \{12^3, 6^7, 4^7, 3^5\})$	5592064
12	$\mathcal{O}(0; \{12^3, 6^7, 4^9, 3^2, 2\})$	2797568
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 2^{14}\})$	5456
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3^3, 2^{10}\})$	43696
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3^6, 2^6\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3^9, 2^2\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^8, 4^3, 2^{11}\})$	21824
12	$\mathcal{O}(0; \{12^3, 6^8, 4^3, 3^3, 2^7\})$	174784
12	$\mathcal{O}(0; \{12^3, 6^8, 4^3, 3^6, 2^3\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^8, 4^5, 2^8\})$	87296
12	$\mathcal{O}(0; \{12^3, 6^8, 4^5, 3^3, 2^4\})$	699136
12	$\mathcal{O}(0; \{12^3, 6^8, 4^5, 3^6\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^8, 4^7, 2^5\})$	349184
12	$\mathcal{O}(0; \{12^3, 6^8, 4^7, 3^3, 2\})$	2796544

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^8, 4^9, 2^2\})$	1396736
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 3, 2^{11}\})$	21840
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 3^4, 2^7\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 3^7, 2^3\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^9, 4^3, 3, 2^8\})$	87360
12	$\mathcal{O}(0; \{12^3, 6^9, 4^3, 3^4, 2^4\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^9, 4^3, 3^7\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^9, 4^5, 3, 2^5\})$	349440
12	$\mathcal{O}(0; \{12^3, 6^9, 4^5, 3^4, 2\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^9, 4^7, 3, 2^2\})$	1397760
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4, 3^2, 2^8\})$	87376
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4, 3^5, 2^4\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4, 3^8\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^3, 3^2, 2^5\})$	349504
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^3, 3^5, 2\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^5, 3^2, 2^2\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4, 2^9\})$	43696
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4, 3^3, 2^5\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4, 3^6, 2\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^3, 2^6\})$	174784
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^3, 3^3, 2^2\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^5, 2^3\})$	699136
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^7\})$	2796544
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4, 3, 2^6\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4, 3^4, 2^2\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4^3, 3, 2^3\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4^5, 3\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4, 3^2, 2^3\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4^3, 3^2\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^{14}, 4, 2^4\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^{14}, 4, 3^3\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^{14}, 4^3, 2\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^{15}, 4, 3, 2\})$	1398096
12	$\mathcal{O}(0; \{12^4, 2^{27}\})$	48
12	$\mathcal{O}(0; \{12^4, 3^3, 2^{23}\})$	336
12	$\mathcal{O}(0; \{12^4, 3^6, 2^{19}\})$	2736
12	$\mathcal{O}(0; \{12^4, 3^9, 2^{15}\})$	21840
12	$\mathcal{O}(0; \{12^4, 3^{12}, 2^{11}\})$	174768
12	$\mathcal{O}(0; \{12^4, 3^{15}, 2^7\})$	1398096
12	$\mathcal{O}(0; \{12^4, 3^{18}, 2^3\})$	11184816
12	$\mathcal{O}(0; \{12^4, 4^2, 2^{24}\})$	192
12	$\mathcal{O}(0; \{12^4, 4^2, 3^3, 2^{20}\})$	1344
12	$\mathcal{O}(0; \{12^4, 4^2, 3^6, 2^{16}\})$	10944

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 4^2, 3^9, 2^{12}\})$	87360
12	$\mathcal{O}(0; \{12^4, 4^2, 3^{12}, 2^8\})$	699072
12	$\mathcal{O}(0; \{12^4, 4^2, 3^{15}, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^4, 4^2, 3^{18}\})$	44739264
12	$\mathcal{O}(0; \{12^4, 4^4, 2^{21}\})$	768
12	$\mathcal{O}(0; \{12^4, 4^4, 3^3, 2^{17}\})$	5376
12	$\mathcal{O}(0; \{12^4, 4^4, 3^6, 2^{13}\})$	43776
12	$\mathcal{O}(0; \{12^4, 4^4, 3^9, 2^9\})$	349440
12	$\mathcal{O}(0; \{12^4, 4^4, 3^{12}, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12^4, 4^4, 3^{15}, 2\})$	22369536
12	$\mathcal{O}(0; \{12^4, 4^6, 2^{18}\})$	3072
12	$\mathcal{O}(0; \{12^4, 4^6, 3^3, 2^{14}\})$	21504
12	$\mathcal{O}(0; \{12^4, 4^6, 3^6, 2^{10}\})$	175104
12	$\mathcal{O}(0; \{12^4, 4^6, 3^9, 2^6\})$	1397760
12	$\mathcal{O}(0; \{12^4, 4^6, 3^{12}, 2^2\})$	11185152
12	$\mathcal{O}(0; \{12^4, 4^8, 2^{15}\})$	12288
12	$\mathcal{O}(0; \{12^4, 4^8, 3^3, 2^{11}\})$	86016
12	$\mathcal{O}(0; \{12^4, 4^8, 3^6, 2^7\})$	700416
12	$\mathcal{O}(0; \{12^4, 4^8, 3^9, 2^3\})$	5591040
12	$\mathcal{O}(0; \{12^4, 4^{10}, 2^{12}\})$	49152
12	$\mathcal{O}(0; \{12^4, 4^{10}, 3^3, 2^8\})$	344064
12	$\mathcal{O}(0; \{12^4, 4^{10}, 3^6, 2^4\})$	2801664
12	$\mathcal{O}(0; \{12^4, 4^{10}, 3^9\})$	22364160
12	$\mathcal{O}(0; \{12^4, 4^{12}, 2^9\})$	196608
12	$\mathcal{O}(0; \{12^4, 4^{12}, 3^3, 2^5\})$	1376256
12	$\mathcal{O}(0; \{12^4, 4^{12}, 3^6, 2\})$	11206656
12	$\mathcal{O}(0; \{12^4, 4^{14}, 2^6\})$	786432
12	$\mathcal{O}(0; \{12^4, 4^{14}, 3^3, 2^2\})$	5505024
12	$\mathcal{O}(0; \{12^4, 4^{16}, 2^3\})$	3145728
12	$\mathcal{O}(0; \{12^4, 4^{18}\})$	12582912
12	$\mathcal{O}(0; \{12^4, 6, 3, 2^{24}\})$	176
12	$\mathcal{O}(0; \{12^4, 6, 3^4, 2^{20}\})$	1360
12	$\mathcal{O}(0; \{12^4, 6, 3^7, 2^{16}\})$	10928
12	$\mathcal{O}(0; \{12^4, 6, 3^{10}, 2^{12}\})$	87376
12	$\mathcal{O}(0; \{12^4, 6, 3^{13}, 2^8\})$	699056
12	$\mathcal{O}(0; \{12^4, 6, 3^{16}, 2^4\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6, 3^{19}\})$	44739248
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3, 2^{21}\})$	704
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^4, 2^{17}\})$	5440
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^7, 2^{13}\})$	43712
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^{10}, 2^9\})$	349504
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^{13}, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^{16}, 2\})$	22369600

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3, 2^{18}\})$	2816
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^4, 2^{14}\})$	21760
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^7, 2^{10}\})$	174848
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^{10}, 2^6\})$	1398016
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^{13}, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3, 2^{15}\})$	11264
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^4, 2^{11}\})$	87040
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^7, 2^7\})$	699392
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^{10}, 2^3\})$	5592064
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3, 2^{12}\})$	45056
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3^4, 2^8\})$	348160
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3^7, 2^4\})$	2797568
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3^{10}\})$	22368256
12	$\mathcal{O}(0; \{12^4, 6, 4^{10}, 3, 2^9\})$	180224
12	$\mathcal{O}(0; \{12^4, 6, 4^{10}, 3^4, 2^5\})$	1392640
12	$\mathcal{O}(0; \{12^4, 6, 4^{10}, 3^7, 2\})$	11190272
12	$\mathcal{O}(0; \{12^4, 6, 4^{12}, 3, 2^6\})$	720896
12	$\mathcal{O}(0; \{12^4, 6, 4^{12}, 3^4, 2^2\})$	5570560
12	$\mathcal{O}(0; \{12^4, 6, 4^{14}, 3, 2^3\})$	2883584
12	$\mathcal{O}(0; \{12^4, 6, 4^{16}, 3\})$	11534336
12	$\mathcal{O}(0; \{12^4, 6^2, 3^2, 2^{21}\})$	688
12	$\mathcal{O}(0; \{12^4, 6^2, 3^5, 2^{17}\})$	5456
12	$\mathcal{O}(0; \{12^4, 6^2, 3^8, 2^{13}\})$	43696
12	$\mathcal{O}(0; \{12^4, 6^2, 3^{11}, 2^9\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^2, 3^{14}, 2^5\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^2, 3^{17}, 2\})$	22369616
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^2, 2^{18}\})$	2752
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^5, 2^{14}\})$	21824
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^8, 2^{10}\})$	174784
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^{11}, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^{14}, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^2, 2^{15}\})$	11008
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^5, 2^{11}\})$	87296
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^8, 2^7\})$	699136
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^{11}, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^2, 2^{12}\})$	44032
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^5, 2^8\})$	349184
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^8, 2^4\})$	2796544
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^{11}\})$	22369280
12	$\mathcal{O}(0; \{12^4, 6^2, 4^8, 3^2, 2^9\})$	176128
12	$\mathcal{O}(0; \{12^4, 6^2, 4^8, 3^5, 2^5\})$	1396736
12	$\mathcal{O}(0; \{12^4, 6^2, 4^8, 3^8, 2\})$	11186176
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{10}, 3^2, 2^6\})$	704512

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{10}, 3^5, 2^2\})$	5586944
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{12}, 3^2, 2^3\})$	2818048
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{14}, 3^2\})$	11272192
12	$\mathcal{O}(0; \{12^4, 6^3, 2^{22}\})$	336
12	$\mathcal{O}(0; \{12^4, 6^3, 3^3, 2^{18}\})$	2736
12	$\mathcal{O}(0; \{12^4, 6^3, 3^6, 2^{14}\})$	21840
12	$\mathcal{O}(0; \{12^4, 6^3, 3^9, 2^{10}\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^3, 3^{12}, 2^6\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^3, 3^{15}, 2^2\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 2^{19}\})$	1344
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^3, 2^{15}\})$	10944
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^6, 2^{11}\})$	87360
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^9, 2^7\})$	699072
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^{12}, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 2^{16}\})$	5376
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^3, 2^{12}\})$	43776
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^6, 2^8\})$	349440
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^9, 2^4\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^{12}\})$	22369536
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 2^{13}\})$	21504
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 3^3, 2^9\})$	175104
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 3^6, 2^5\})$	1397760
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 3^9, 2\})$	11185152
12	$\mathcal{O}(0; \{12^4, 6^3, 4^8, 2^{10}\})$	86016
12	$\mathcal{O}(0; \{12^4, 6^3, 4^8, 3^3, 2^6\})$	700416
12	$\mathcal{O}(0; \{12^4, 6^3, 4^8, 3^6, 2^2\})$	5591040
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{10}, 2^7\})$	344064
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{10}, 3^3, 2^3\})$	2801664
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{12}, 2^4\})$	1376256
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{12}, 3^3\})$	11206656
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{14}, 2\})$	5505024
12	$\mathcal{O}(0; \{12^4, 6^4, 3, 2^{19}\})$	1360
12	$\mathcal{O}(0; \{12^4, 6^4, 3^4, 2^{15}\})$	10928
12	$\mathcal{O}(0; \{12^4, 6^4, 3^7, 2^{11}\})$	87376
12	$\mathcal{O}(0; \{12^4, 6^4, 3^{10}, 2^7\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^4, 3^{13}, 2^3\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3, 2^{16}\})$	5440
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^4, 2^{12}\})$	43712
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^7, 2^8\})$	349504
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^{10}, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^{13}\})$	22369600
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3, 2^{13}\})$	21760
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3^4, 2^9\})$	174848

Continued on next page

Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3^7, 2^5\})$	1398016
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3^{10}, 2\})$	11184896
12	$\mathcal{O}(0; \{12^4, 6^4, 4^6, 3, 2^{10}\})$	87040
12	$\mathcal{O}(0; \{12^4, 6^4, 4^6, 3^4, 2^6\})$	699392
12	$\mathcal{O}(0; \{12^4, 6^4, 4^6, 3^7, 2^2\})$	5592064
12	$\mathcal{O}(0; \{12^4, 6^4, 4^8, 3, 2^7\})$	348160
12	$\mathcal{O}(0; \{12^4, 6^4, 4^8, 3^4, 2^3\})$	2797568
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{10}, 3, 2^4\})$	1392640
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{10}, 3^4\})$	11190272
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{12}, 3, 2\})$	5570560
12	$\mathcal{O}(0; \{12^4, 6^5, 3^2, 2^{16}\})$	5456
12	$\mathcal{O}(0; \{12^4, 6^5, 3^5, 2^{12}\})$	43696
12	$\mathcal{O}(0; \{12^4, 6^5, 3^8, 2^8\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^5, 3^{11}, 2^4\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^5, 3^{14}\})$	22369616
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^2, 2^{13}\})$	21824
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^5, 2^9\})$	174784
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^8, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^{11}, 2\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 3^2, 2^{10}\})$	87296
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 3^5, 2^6\})$	699136
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 3^8, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^5, 4^6, 3^2, 2^7\})$	349184
12	$\mathcal{O}(0; \{12^4, 6^5, 4^6, 3^5, 2^3\})$	2796544
12	$\mathcal{O}(0; \{12^4, 6^5, 4^8, 3^2, 2^4\})$	1396736
12	$\mathcal{O}(0; \{12^4, 6^5, 4^8, 3^5\})$	11186176
12	$\mathcal{O}(0; \{12^4, 6^5, 4^{10}, 3^2, 2\})$	5586944
12	$\mathcal{O}(0; \{12^4, 6^6, 2^{17}\})$	2736
12	$\mathcal{O}(0; \{12^4, 6^6, 3^3, 2^{13}\})$	21840
12	$\mathcal{O}(0; \{12^4, 6^6, 3^6, 2^9\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^6, 3^9, 2^5\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^6, 3^{12}, 2\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 2^{14}\})$	10944
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3^3, 2^{10}\})$	87360
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3^6, 2^6\})$	699072
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3^9, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^6, 4^4, 2^{11}\})$	43776
12	$\mathcal{O}(0; \{12^4, 6^6, 4^4, 3^3, 2^7\})$	349440
12	$\mathcal{O}(0; \{12^4, 6^6, 4^4, 3^6, 2^3\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6^6, 4^6, 2^8\})$	175104
12	$\mathcal{O}(0; \{12^4, 6^6, 4^6, 3^3, 2^4\})$	1397760
12	$\mathcal{O}(0; \{12^4, 6^6, 4^6, 3^6\})$	11185152
12	$\mathcal{O}(0; \{12^4, 6^6, 4^8, 2^5\})$	700416

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^6, 4^8, 3^3, 2\})$	5591040
12	$\mathcal{O}(0; \{12^4, 6^6, 4^{10}, 2^2\})$	2801664
12	$\mathcal{O}(0; \{12^4, 6^7, 3, 2^{14}\})$	10928
12	$\mathcal{O}(0; \{12^4, 6^7, 3^4, 2^{10}\})$	87376
12	$\mathcal{O}(0; \{12^4, 6^7, 3^7, 2^6\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^7, 3^{10}, 2^2\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 3, 2^{11}\})$	43712
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 3^4, 2^7\})$	349504
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 3^7, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^7, 4^4, 3, 2^8\})$	174848
12	$\mathcal{O}(0; \{12^4, 6^7, 4^4, 3^4, 2^4\})$	1398016
12	$\mathcal{O}(0; \{12^4, 6^7, 4^4, 3^7\})$	11184896
12	$\mathcal{O}(0; \{12^4, 6^7, 4^6, 3, 2^5\})$	699392
12	$\mathcal{O}(0; \{12^4, 6^7, 4^6, 3^4, 2\})$	5592064
12	$\mathcal{O}(0; \{12^4, 6^7, 4^8, 3, 2^2\})$	2797568
12	$\mathcal{O}(0; \{12^4, 6^8, 3^2, 2^{11}\})$	43696
12	$\mathcal{O}(0; \{12^4, 6^8, 3^5, 2^7\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^8, 3^8, 2^3\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^8, 4^2, 3^2, 2^8\})$	174784
12	$\mathcal{O}(0; \{12^4, 6^8, 4^2, 3^5, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^8, 4^2, 3^8\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^8, 4^4, 3^2, 2^5\})$	699136
12	$\mathcal{O}(0; \{12^4, 6^8, 4^4, 3^5, 2\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^8, 4^6, 3^2, 2^2\})$	2796544
12	$\mathcal{O}(0; \{12^4, 6^9, 2^{12}\})$	21840
12	$\mathcal{O}(0; \{12^4, 6^9, 3^3, 2^8\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^9, 3^6, 2^4\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^9, 3^9\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^9, 4^2, 2^9\})$	87360
12	$\mathcal{O}(0; \{12^4, 6^9, 4^2, 3^3, 2^5\})$	699072
12	$\mathcal{O}(0; \{12^4, 6^9, 4^2, 3^6, 2\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^9, 4^4, 2^6\})$	349440
12	$\mathcal{O}(0; \{12^4, 6^9, 4^4, 3^3, 2^2\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6^9, 4^6, 2^3\})$	1397760
12	$\mathcal{O}(0; \{12^4, 6^9, 4^8\})$	5591040
12	$\mathcal{O}(0; \{12^4, 6^{10}, 3, 2^9\})$	87376
12	$\mathcal{O}(0; \{12^4, 6^{10}, 3^4, 2^5\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^{10}, 3^7, 2\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^2, 3, 2^6\})$	349504
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^2, 3^4, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^4, 3, 2^3\})$	1398016
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^6, 3\})$	5592064
12	$\mathcal{O}(0; \{12^4, 6^{11}, 3^2, 2^6\})$	349520

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^{11}, 3^5, 2^2\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^2, 3^2, 2^3\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^4, 3^2\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^{12}, 2^7\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^{12}, 3^3, 2^3\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^{12}, 4^2, 2^4\})$	699072
12	$\mathcal{O}(0; \{12^4, 6^{12}, 4^2, 3^3\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^{12}, 4^4, 2\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6^{13}, 3, 2^4\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^{13}, 3^4\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^{13}, 4^2, 3, 2\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^{14}, 3^2, 2\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^{15}, 2^2\})$	1398096
12	$\mathcal{O}(0; \{12^5, 4, 3^2, 2^{21}\})$	1344
12	$\mathcal{O}(0; \{12^5, 4, 3^5, 2^{17}\})$	10944
12	$\mathcal{O}(0; \{12^5, 4, 3^8, 2^{13}\})$	87360
12	$\mathcal{O}(0; \{12^5, 4, 3^{11}, 2^9\})$	699072
12	$\mathcal{O}(0; \{12^5, 4, 3^{14}, 2^5\})$	5592384
12	$\mathcal{O}(0; \{12^5, 4, 3^{17}, 2\})$	44739264
12	$\mathcal{O}(0; \{12^5, 4^3, 3^2, 2^{18}\})$	5376
12	$\mathcal{O}(0; \{12^5, 4^3, 3^5, 2^{14}\})$	43776
12	$\mathcal{O}(0; \{12^5, 4^3, 3^8, 2^{10}\})$	349440
12	$\mathcal{O}(0; \{12^5, 4^3, 3^{11}, 2^6\})$	2796288
12	$\mathcal{O}(0; \{12^5, 4^3, 3^{14}, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^5, 4^5, 3^2, 2^{15}\})$	21504
12	$\mathcal{O}(0; \{12^5, 4^5, 3^5, 2^{11}\})$	175104
12	$\mathcal{O}(0; \{12^5, 4^5, 3^8, 2^7\})$	1397760
12	$\mathcal{O}(0; \{12^5, 4^5, 3^{11}, 2^3\})$	11185152
12	$\mathcal{O}(0; \{12^5, 4^7, 3^2, 2^{12}\})$	86016
12	$\mathcal{O}(0; \{12^5, 4^7, 3^5, 2^8\})$	700416
12	$\mathcal{O}(0; \{12^5, 4^7, 3^8, 2^4\})$	5591040
12	$\mathcal{O}(0; \{12^5, 4^7, 3^{11}\})$	44740608
12	$\mathcal{O}(0; \{12^5, 4^9, 3^2, 2^9\})$	344064
12	$\mathcal{O}(0; \{12^5, 4^9, 3^5, 2^5\})$	2801664
12	$\mathcal{O}(0; \{12^5, 4^9, 3^8, 2\})$	22364160
12	$\mathcal{O}(0; \{12^5, 4^{11}, 3^2, 2^6\})$	1376256
12	$\mathcal{O}(0; \{12^5, 4^{11}, 3^5, 2^2\})$	11206656
12	$\mathcal{O}(0; \{12^5, 4^{13}, 3^2, 2^3\})$	5505024
12	$\mathcal{O}(0; \{12^5, 4^{15}, 3^2\})$	22020096
12	$\mathcal{O}(0; \{12^5, 6, 4, 2^{22}\})$	704
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^3, 2^{18}\})$	5440
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^6, 2^{14}\})$	43712
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^9, 2^{10}\})$	349504

Continued on next page

Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^{12}, 2^6\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^{15}, 2^2\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 2^{19}\})$	2816
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^3, 2^{15}\})$	21760
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^6, 2^{11}\})$	174848
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^9, 2^7\})$	1398016
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^{12}, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 2^{16}\})$	11264
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^3, 2^{12}\})$	87040
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^6, 2^8\})$	699392
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^9, 2^4\})$	5592064
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^{12}\})$	44739584
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 2^{13}\})$	45056
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 3^3, 2^9\})$	348160
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 3^6, 2^5\})$	2797568
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 3^9, 2\})$	22368256
12	$\mathcal{O}(0; \{12^5, 6, 4^9, 2^{10}\})$	180224
12	$\mathcal{O}(0; \{12^5, 6, 4^9, 3^3, 2^6\})$	1392640
12	$\mathcal{O}(0; \{12^5, 6, 4^9, 3^6, 2^2\})$	11190272
12	$\mathcal{O}(0; \{12^5, 6, 4^{11}, 2^7\})$	720896
12	$\mathcal{O}(0; \{12^5, 6, 4^{11}, 3^3, 2^3\})$	5570560
12	$\mathcal{O}(0; \{12^5, 6, 4^{13}, 2^4\})$	2883584
12	$\mathcal{O}(0; \{12^5, 6, 4^{13}, 3^3\})$	22282240
12	$\mathcal{O}(0; \{12^5, 6, 4^{15}, 2\})$	11534336
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3, 2^{19}\})$	2752
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^4, 2^{15}\})$	21824
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^7, 2^{11}\})$	174784
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^{10}, 2^7\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^{13}, 2^3\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3, 2^{16}\})$	11008
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^4, 2^{12}\})$	87296
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^7, 2^8\})$	699136
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^{10}, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^{13}\})$	44739328
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3, 2^{13}\})$	44032
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3^4, 2^9\})$	349184
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3^7, 2^5\})$	2796544
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3^{10}, 2\})$	22369280
12	$\mathcal{O}(0; \{12^5, 6^2, 4^7, 3, 2^{10}\})$	176128
12	$\mathcal{O}(0; \{12^5, 6^2, 4^7, 3^4, 2^6\})$	1396736
12	$\mathcal{O}(0; \{12^5, 6^2, 4^7, 3^7, 2^2\})$	11186176
12	$\mathcal{O}(0; \{12^5, 6^2, 4^9, 3, 2^7\})$	704512
12	$\mathcal{O}(0; \{12^5, 6^2, 4^9, 3^4, 2^3\})$	5586944

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{11}, 3, 2^4\})$	2818048
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{11}, 3^4\})$	22347776
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{13}, 3, 2\})$	11272192
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^2, 2^{16}\})$	10944
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^5, 2^{12}\})$	87360
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^8, 2^8\})$	699072
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^{11}, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^{14}\})$	44739264
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^2, 2^{13}\})$	43776
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^5, 2^9\})$	349440
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^8, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^{11}, 2\})$	22369536
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 3^2, 2^{10}\})$	175104
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 3^5, 2^6\})$	1397760
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 3^8, 2^2\})$	11185152
12	$\mathcal{O}(0; \{12^5, 6^3, 4^7, 3^2, 2^7\})$	700416
12	$\mathcal{O}(0; \{12^5, 6^3, 4^7, 3^5, 2^3\})$	5591040
12	$\mathcal{O}(0; \{12^5, 6^3, 4^9, 3^2, 2^4\})$	2801664
12	$\mathcal{O}(0; \{12^5, 6^3, 4^9, 3^5\})$	22364160
12	$\mathcal{O}(0; \{12^5, 6^3, 4^{11}, 3^2, 2\})$	11206656
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 2^{17}\})$	5440
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^3, 2^{13}\})$	43712
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^6, 2^9\})$	349504
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^9, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^{12}, 2\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 2^{14}\})$	21760
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3^3, 2^{10}\})$	174848
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3^6, 2^6\})$	1398016
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3^9, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^4, 4^5, 2^{11}\})$	87040
12	$\mathcal{O}(0; \{12^5, 6^4, 4^5, 3^3, 2^7\})$	699392
12	$\mathcal{O}(0; \{12^5, 6^4, 4^5, 3^6, 2^3\})$	5592064
12	$\mathcal{O}(0; \{12^5, 6^4, 4^7, 2^8\})$	348160
12	$\mathcal{O}(0; \{12^5, 6^4, 4^7, 3^3, 2^4\})$	2797568
12	$\mathcal{O}(0; \{12^5, 6^4, 4^7, 3^6\})$	22368256
12	$\mathcal{O}(0; \{12^5, 6^4, 4^9, 2^5\})$	1392640
12	$\mathcal{O}(0; \{12^5, 6^4, 4^9, 3^3, 2\})$	11190272
12	$\mathcal{O}(0; \{12^5, 6^4, 4^{11}, 2^2\})$	5570560
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3, 2^{14}\})$	21824
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^4, 2^{10}\})$	174784
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^7, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^{10}, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 3, 2^{11}\})$	87296

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 3^4, 2^7\})$	699136
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 3^7, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^5, 4^5, 3, 2^8\})$	349184
12	$\mathcal{O}(0; \{12^5, 6^5, 4^5, 3^4, 2^4\})$	2796544
12	$\mathcal{O}(0; \{12^5, 6^5, 4^5, 3^7\})$	22369280
12	$\mathcal{O}(0; \{12^5, 6^5, 4^7, 3, 2^5\})$	1396736
12	$\mathcal{O}(0; \{12^5, 6^5, 4^7, 3^4, 2\})$	11186176
12	$\mathcal{O}(0; \{12^5, 6^5, 4^9, 3, 2^2\})$	5586944
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3^2, 2^{11}\})$	87360
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3^5, 2^7\})$	699072
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3^8, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^6, 4^3, 3^2, 2^8\})$	349440
12	$\mathcal{O}(0; \{12^5, 6^6, 4^3, 3^5, 2^4\})$	2796288
12	$\mathcal{O}(0; \{12^5, 6^6, 4^3, 3^8\})$	22369536
12	$\mathcal{O}(0; \{12^5, 6^6, 4^5, 3^2, 2^5\})$	1397760
12	$\mathcal{O}(0; \{12^5, 6^6, 4^5, 3^5, 2\})$	11185152
12	$\mathcal{O}(0; \{12^5, 6^6, 4^7, 3^2, 2^2\})$	5591040
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 2^{12}\})$	43712
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 3^3, 2^8\})$	349504
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 3^6, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 3^9\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6^7, 4^3, 2^9\})$	174848
12	$\mathcal{O}(0; \{12^5, 6^7, 4^3, 3^3, 2^5\})$	1398016
12	$\mathcal{O}(0; \{12^5, 6^7, 4^3, 3^6, 2\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^7, 4^5, 2^6\})$	699392
12	$\mathcal{O}(0; \{12^5, 6^7, 4^5, 3^3, 2^2\})$	5592064
12	$\mathcal{O}(0; \{12^5, 6^7, 4^7, 2^3\})$	2797568
12	$\mathcal{O}(0; \{12^5, 6^7, 4^9\})$	11190272
12	$\mathcal{O}(0; \{12^5, 6^8, 4, 3, 2^9\})$	174784
12	$\mathcal{O}(0; \{12^5, 6^8, 4, 3^4, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6^8, 4, 3^7, 2\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^8, 4^3, 3, 2^6\})$	699136
12	$\mathcal{O}(0; \{12^5, 6^8, 4^3, 3^4, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^8, 4^5, 3, 2^3\})$	2796544
12	$\mathcal{O}(0; \{12^5, 6^8, 4^7, 3\})$	11186176
12	$\mathcal{O}(0; \{12^5, 6^9, 4, 3^2, 2^6\})$	699072
12	$\mathcal{O}(0; \{12^5, 6^9, 4, 3^5, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^9, 4^3, 3^2, 2^3\})$	2796288
12	$\mathcal{O}(0; \{12^5, 6^9, 4^5, 3^2\})$	11185152
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4, 2^7\})$	349504
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4, 3^3, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4^3, 2^4\})$	1398016
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4^3, 3^3\})$	11184896

Continued on next page

Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4^5, 2\})$	5592064
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4, 3, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4, 3^4\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4^3, 3, 2\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^{12}, 4, 3^2, 2\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^{13}, 4, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12^6, 3, 2^{22}\})$	1344
12	$\mathcal{O}(0; \{12^6, 3^4, 2^{18}\})$	10944
12	$\mathcal{O}(0; \{12^6, 3^7, 2^{14}\})$	87360
12	$\mathcal{O}(0; \{12^6, 3^{10}, 2^{10}\})$	699072
12	$\mathcal{O}(0; \{12^6, 3^{13}, 2^6\})$	5592384
12	$\mathcal{O}(0; \{12^6, 3^{16}, 2^2\})$	44739264
12	$\mathcal{O}(0; \{12^6, 4^2, 3, 2^{19}\})$	5376
12	$\mathcal{O}(0; \{12^6, 4^2, 3^4, 2^{15}\})$	43776
12	$\mathcal{O}(0; \{12^6, 4^2, 3^7, 2^{11}\})$	349440
12	$\mathcal{O}(0; \{12^6, 4^2, 3^{10}, 2^7\})$	2796288
12	$\mathcal{O}(0; \{12^6, 4^2, 3^{13}, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^6, 4^4, 3, 2^{16}\})$	21504
12	$\mathcal{O}(0; \{12^6, 4^4, 3^4, 2^{12}\})$	175104
12	$\mathcal{O}(0; \{12^6, 4^4, 3^7, 2^8\})$	1397760
12	$\mathcal{O}(0; \{12^6, 4^4, 3^{10}, 2^4\})$	11185152
12	$\mathcal{O}(0; \{12^6, 4^4, 3^{13}\})$	89478144
12	$\mathcal{O}(0; \{12^6, 4^6, 3, 2^{13}\})$	86016
12	$\mathcal{O}(0; \{12^6, 4^6, 3^4, 2^9\})$	700416
12	$\mathcal{O}(0; \{12^6, 4^6, 3^7, 2^5\})$	5591040
12	$\mathcal{O}(0; \{12^6, 4^6, 3^{10}, 2\})$	44740608
12	$\mathcal{O}(0; \{12^6, 4^8, 3, 2^{10}\})$	344064
12	$\mathcal{O}(0; \{12^6, 4^8, 3^4, 2^6\})$	2801664
12	$\mathcal{O}(0; \{12^6, 4^8, 3^7, 2^2\})$	22364160
12	$\mathcal{O}(0; \{12^6, 4^{10}, 3, 2^7\})$	1376256
12	$\mathcal{O}(0; \{12^6, 4^{10}, 3^4, 2^3\})$	11206656
12	$\mathcal{O}(0; \{12^6, 4^{12}, 3, 2^4\})$	5505024
12	$\mathcal{O}(0; \{12^6, 4^{12}, 3^4\})$	44826624
12	$\mathcal{O}(0; \{12^6, 4^{14}, 3, 2\})$	22020096
12	$\mathcal{O}(0; \{12^6, 6, 3^2, 2^{19}\})$	5440
12	$\mathcal{O}(0; \{12^6, 6, 3^5, 2^{15}\})$	43712
12	$\mathcal{O}(0; \{12^6, 6, 3^8, 2^{11}\})$	349504
12	$\mathcal{O}(0; \{12^6, 6, 3^{11}, 2^7\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6, 3^{14}, 2^3\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^2, 2^{16}\})$	21760
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^5, 2^{12}\})$	174848
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^8, 2^8\})$	1398016
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^{11}, 2^4\})$	11184896

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^{14}\})$	89478400
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^2, 2^{13}\})$	87040
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^5, 2^9\})$	699392
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^8, 2^5\})$	5592064
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^{11}, 2\})$	44739584
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 3^2, 2^{10}\})$	348160
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 3^5, 2^6\})$	2797568
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 3^8, 2^2\})$	22368256
12	$\mathcal{O}(0; \{12^6, 6, 4^8, 3^2, 2^7\})$	1392640
12	$\mathcal{O}(0; \{12^6, 6, 4^8, 3^5, 2^3\})$	11190272
12	$\mathcal{O}(0; \{12^6, 6, 4^{10}, 3^2, 2^4\})$	5570560
12	$\mathcal{O}(0; \{12^6, 6, 4^{10}, 3^5\})$	44761088
12	$\mathcal{O}(0; \{12^6, 6, 4^{12}, 3^2, 2\})$	22282240
12	$\mathcal{O}(0; \{12^6, 6^2, 2^{20}\})$	2752
12	$\mathcal{O}(0; \{12^6, 6^2, 3^3, 2^{16}\})$	21824
12	$\mathcal{O}(0; \{12^6, 6^2, 3^6, 2^{12}\})$	174784
12	$\mathcal{O}(0; \{12^6, 6^2, 3^9, 2^8\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6^2, 3^{12}, 2^4\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^2, 3^{15}\})$	89478464
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 2^{17}\})$	11008
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^3, 2^{13}\})$	87296
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^6, 2^9\})$	699136
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^9, 2^5\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^{12}, 2\})$	44739328
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 2^{14}\})$	44032
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3^3, 2^{10}\})$	349184
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3^6, 2^6\})$	2796544
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3^9, 2^2\})$	22369280
12	$\mathcal{O}(0; \{12^6, 6^2, 4^6, 2^{11}\})$	176128
12	$\mathcal{O}(0; \{12^6, 6^2, 4^6, 3^3, 2^7\})$	1396736
12	$\mathcal{O}(0; \{12^6, 6^2, 4^6, 3^6, 2^3\})$	11186176
12	$\mathcal{O}(0; \{12^6, 6^2, 4^8, 2^8\})$	704512
12	$\mathcal{O}(0; \{12^6, 6^2, 4^8, 3^3, 2^4\})$	5586944
12	$\mathcal{O}(0; \{12^6, 6^2, 4^8, 3^6\})$	44744704
12	$\mathcal{O}(0; \{12^6, 6^2, 4^{10}, 2^5\})$	2818048
12	$\mathcal{O}(0; \{12^6, 6^2, 4^{10}, 3^3, 2\})$	22347776
12	$\mathcal{O}(0; \{12^6, 6^2, 4^{12}, 2^2\})$	11272192
12	$\mathcal{O}(0; \{12^6, 6^3, 3, 2^{17}\})$	10944
12	$\mathcal{O}(0; \{12^6, 6^3, 3^4, 2^{13}\})$	87360
12	$\mathcal{O}(0; \{12^6, 6^3, 3^7, 2^9\})$	699072
12	$\mathcal{O}(0; \{12^6, 6^3, 3^{10}, 2^5\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^3, 3^{13}, 2\})$	44739264
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3, 2^{14}\})$	43776

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^4, 2^{10}\})$	349440
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^7, 2^6\})$	2796288
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^{10}, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 3, 2^{11}\})$	175104
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 3^4, 2^7\})$	1397760
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 3^7, 2^3\})$	11185152
12	$\mathcal{O}(0; \{12^6, 6^3, 4^6, 3, 2^8\})$	700416
12	$\mathcal{O}(0; \{12^6, 6^3, 4^6, 3^4, 2^4\})$	5591040
12	$\mathcal{O}(0; \{12^6, 6^3, 4^6, 3^7\})$	44740608
12	$\mathcal{O}(0; \{12^6, 6^3, 4^8, 3, 2^5\})$	2801664
12	$\mathcal{O}(0; \{12^6, 6^3, 4^8, 3^4, 2\})$	22364160
12	$\mathcal{O}(0; \{12^6, 6^3, 4^{10}, 3, 2^2\})$	11206656
12	$\mathcal{O}(0; \{12^6, 6^4, 3^2, 2^{14}\})$	43712
12	$\mathcal{O}(0; \{12^6, 6^4, 3^5, 2^{10}\})$	349504
12	$\mathcal{O}(0; \{12^6, 6^4, 3^8, 2^6\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^4, 3^{11}, 2^2\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3^2, 2^{11}\})$	174848
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3^5, 2^7\})$	1398016
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3^8, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^4, 4^4, 3^2, 2^8\})$	699392
12	$\mathcal{O}(0; \{12^6, 6^4, 4^4, 3^5, 2^4\})$	5592064
12	$\mathcal{O}(0; \{12^6, 6^4, 4^4, 3^8\})$	44739584
12	$\mathcal{O}(0; \{12^6, 6^4, 4^6, 3^2, 2^5\})$	2797568
12	$\mathcal{O}(0; \{12^6, 6^4, 4^6, 3^5, 2\})$	22368256
12	$\mathcal{O}(0; \{12^6, 6^4, 4^8, 3^2, 2^2\})$	11190272
12	$\mathcal{O}(0; \{12^6, 6^5, 2^{15}\})$	21824
12	$\mathcal{O}(0; \{12^6, 6^5, 3^3, 2^{11}\})$	174784
12	$\mathcal{O}(0; \{12^6, 6^5, 3^6, 2^7\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6^5, 3^9, 2^3\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 2^{12}\})$	87296
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 3^3, 2^8\})$	699136
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 3^6, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 3^9\})$	44739328
12	$\mathcal{O}(0; \{12^6, 6^5, 4^4, 2^9\})$	349184
12	$\mathcal{O}(0; \{12^6, 6^5, 4^4, 3^3, 2^5\})$	2796544
12	$\mathcal{O}(0; \{12^6, 6^5, 4^4, 3^6, 2\})$	22369280
12	$\mathcal{O}(0; \{12^6, 6^5, 4^6, 2^6\})$	1396736
12	$\mathcal{O}(0; \{12^6, 6^5, 4^6, 3^3, 2^2\})$	11186176
12	$\mathcal{O}(0; \{12^6, 6^5, 4^8, 2^3\})$	5586944
12	$\mathcal{O}(0; \{12^6, 6^5, 4^{10}\})$	22347776
12	$\mathcal{O}(0; \{12^6, 6^6, 3, 2^{12}\})$	87360
12	$\mathcal{O}(0; \{12^6, 6^6, 3^4, 2^8\})$	699072
12	$\mathcal{O}(0; \{12^6, 6^6, 3^7, 2^4\})$	5592384

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6^6, 3^{10}\})$	44739264
12	$\mathcal{O}(0; \{12^6, 6^6, 4^2, 3, 2^9\})$	349440
12	$\mathcal{O}(0; \{12^6, 6^6, 4^2, 3^4, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12^6, 6^6, 4^2, 3^7, 2\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^6, 4^4, 3, 2^6\})$	1397760
12	$\mathcal{O}(0; \{12^6, 6^6, 4^4, 3^4, 2^2\})$	11185152
12	$\mathcal{O}(0; \{12^6, 6^6, 4^6, 3, 2^3\})$	5591040
12	$\mathcal{O}(0; \{12^6, 6^6, 4^8, 3\})$	22364160
12	$\mathcal{O}(0; \{12^6, 6^7, 3^2, 2^9\})$	349504
12	$\mathcal{O}(0; \{12^6, 6^7, 3^5, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^7, 3^8, 2\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^7, 4^2, 3^2, 2^6\})$	1398016
12	$\mathcal{O}(0; \{12^6, 6^7, 4^2, 3^5, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^7, 4^4, 3^2, 2^3\})$	5592064
12	$\mathcal{O}(0; \{12^6, 6^7, 4^6, 3^2\})$	22368256
12	$\mathcal{O}(0; \{12^6, 6^8, 2^{10}\})$	174784
12	$\mathcal{O}(0; \{12^6, 6^8, 3^3, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6^8, 3^6, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^8, 4^2, 2^7\})$	699136
12	$\mathcal{O}(0; \{12^6, 6^8, 4^2, 3^3, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6^8, 4^4, 2^4\})$	2796544
12	$\mathcal{O}(0; \{12^6, 6^8, 4^4, 3^3\})$	22369280
12	$\mathcal{O}(0; \{12^6, 6^8, 4^6, 2\})$	11186176
12	$\mathcal{O}(0; \{12^6, 6^9, 3, 2^7\})$	699072
12	$\mathcal{O}(0; \{12^6, 6^9, 3^4, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^9, 4^2, 3, 2^4\})$	2796288
12	$\mathcal{O}(0; \{12^6, 6^9, 4^2, 3^4\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^9, 4^4, 3, 2\})$	11185152
12	$\mathcal{O}(0; \{12^6, 6^{10}, 3^2, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^{10}, 3^5\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^{10}, 4^2, 3^2, 2\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^{11}, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6^{11}, 3^3, 2\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^{11}, 4^2, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6^{12}, 3, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^{14}\})$	11184832
12	$\mathcal{O}(0; \{12^7, 4, 2^{20}\})$	5376
12	$\mathcal{O}(0; \{12^7, 4, 3^3, 2^{16}\})$	43776
12	$\mathcal{O}(0; \{12^7, 4, 3^6, 2^{12}\})$	349440
12	$\mathcal{O}(0; \{12^7, 4, 3^9, 2^8\})$	2796288
12	$\mathcal{O}(0; \{12^7, 4, 3^{12}, 2^4\})$	22369536
12	$\mathcal{O}(0; \{12^7, 4, 3^{15}\})$	178957056
12	$\mathcal{O}(0; \{12^7, 4^3, 2^{17}\})$	21504

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^7, 4^3, 3^3, 2^{13}\})$	175104
12	$\mathcal{O}(0; \{12^7, 4^3, 3^6, 2^9\})$	1397760
12	$\mathcal{O}(0; \{12^7, 4^3, 3^9, 2^5\})$	11185152
12	$\mathcal{O}(0; \{12^7, 4^3, 3^{12}, 2\})$	89478144
12	$\mathcal{O}(0; \{12^7, 4^5, 2^{14}\})$	86016
12	$\mathcal{O}(0; \{12^7, 4^5, 3^3, 2^{10}\})$	700416
12	$\mathcal{O}(0; \{12^7, 4^5, 3^6, 2^6\})$	5591040
12	$\mathcal{O}(0; \{12^7, 4^5, 3^9, 2^2\})$	44740608
12	$\mathcal{O}(0; \{12^7, 4^7, 2^{11}\})$	344064
12	$\mathcal{O}(0; \{12^7, 4^7, 3^3, 2^7\})$	2801664
12	$\mathcal{O}(0; \{12^7, 4^7, 3^6, 2^3\})$	22364160
12	$\mathcal{O}(0; \{12^7, 4^9, 2^8\})$	1376256
12	$\mathcal{O}(0; \{12^7, 4^9, 3^3, 2^4\})$	11206656
12	$\mathcal{O}(0; \{12^7, 4^9, 3^6\})$	89456640
12	$\mathcal{O}(0; \{12^7, 4^{11}, 2^5\})$	5505024
12	$\mathcal{O}(0; \{12^7, 4^{11}, 3^3, 2\})$	44826624
12	$\mathcal{O}(0; \{12^7, 4^{13}, 2^2\})$	22020096
12	$\mathcal{O}(0; \{12^7, 6, 4, 3, 2^{17}\})$	21760
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^4, 2^{13}\})$	174848
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^7, 2^9\})$	1398016
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^{10}, 2^5\})$	11184896
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^{13}, 2\})$	89478400
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3, 2^{14}\})$	87040
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^4, 2^{10}\})$	699392
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^7, 2^6\})$	5592064
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^{10}, 2^2\})$	44739584
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 3, 2^{11}\})$	348160
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 3^4, 2^7\})$	2797568
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 3^7, 2^3\})$	22368256
12	$\mathcal{O}(0; \{12^7, 6, 4^7, 3, 2^8\})$	1392640
12	$\mathcal{O}(0; \{12^7, 6, 4^7, 3^4, 2^4\})$	11190272
12	$\mathcal{O}(0; \{12^7, 6, 4^7, 3^7\})$	89473024
12	$\mathcal{O}(0; \{12^7, 6, 4^9, 3, 2^5\})$	5570560
12	$\mathcal{O}(0; \{12^7, 6, 4^9, 3^4, 2\})$	44761088
12	$\mathcal{O}(0; \{12^7, 6, 4^{11}, 3, 2^2\})$	22282240
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^2, 2^{14}\})$	87296
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^5, 2^{10}\})$	699136
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^8, 2^6\})$	5592320
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^{11}, 2^2\})$	44739328
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3^2, 2^{11}\})$	349184
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3^5, 2^7\})$	2796544
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3^8, 2^3\})$	22369280
12	$\mathcal{O}(0; \{12^7, 6^2, 4^5, 3^2, 2^8\})$	1396736

Continued on next page

Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^7, 6^2, 4^5, 3^5, 2^4\})$	11186176
12	$\mathcal{O}(0; \{12^7, 6^2, 4^5, 3^8\})$	89477120
12	$\mathcal{O}(0; \{12^7, 6^2, 4^7, 3^2, 2^5\})$	5586944
12	$\mathcal{O}(0; \{12^7, 6^2, 4^7, 3^5, 2\})$	44744704
12	$\mathcal{O}(0; \{12^7, 6^2, 4^9, 3^2, 2^2\})$	22347776
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 2^{15}\})$	43776
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^3, 2^{11}\})$	349440
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^6, 2^7\})$	2796288
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^9, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 2^{12}\})$	175104
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 3^3, 2^8\})$	1397760
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 3^6, 2^4\})$	11185152
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 3^9\})$	89478144
12	$\mathcal{O}(0; \{12^7, 6^3, 4^5, 2^9\})$	700416
12	$\mathcal{O}(0; \{12^7, 6^3, 4^5, 3^3, 2^5\})$	5591040
12	$\mathcal{O}(0; \{12^7, 6^3, 4^5, 3^6, 2\})$	44740608
12	$\mathcal{O}(0; \{12^7, 6^3, 4^7, 2^6\})$	2801664
12	$\mathcal{O}(0; \{12^7, 6^3, 4^7, 3^3, 2^2\})$	22364160
12	$\mathcal{O}(0; \{12^7, 6^3, 4^9, 2^3\})$	11206656
12	$\mathcal{O}(0; \{12^7, 6^3, 4^{11}\})$	44826624
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3, 2^{12}\})$	174848
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3^4, 2^8\})$	1398016
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3^7, 2^4\})$	11184896
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3^{10}\})$	89478400
12	$\mathcal{O}(0; \{12^7, 6^4, 4^3, 3, 2^9\})$	699392
12	$\mathcal{O}(0; \{12^7, 6^4, 4^3, 3^4, 2^5\})$	5592064
12	$\mathcal{O}(0; \{12^7, 6^4, 4^3, 3^7, 2\})$	44739584
12	$\mathcal{O}(0; \{12^7, 6^4, 4^5, 3, 2^6\})$	2797568
12	$\mathcal{O}(0; \{12^7, 6^4, 4^5, 3^4, 2^2\})$	22368256
12	$\mathcal{O}(0; \{12^7, 6^4, 4^7, 3, 2^3\})$	11190272
12	$\mathcal{O}(0; \{12^7, 6^4, 4^9, 3\})$	44761088
12	$\mathcal{O}(0; \{12^7, 6^5, 4, 3^2, 2^9\})$	699136
12	$\mathcal{O}(0; \{12^7, 6^5, 4, 3^5, 2^5\})$	5592320
12	$\mathcal{O}(0; \{12^7, 6^5, 4, 3^8, 2\})$	44739328
12	$\mathcal{O}(0; \{12^7, 6^5, 4^3, 3^2, 2^6\})$	2796544
12	$\mathcal{O}(0; \{12^7, 6^5, 4^3, 3^5, 2^2\})$	22369280
12	$\mathcal{O}(0; \{12^7, 6^5, 4^5, 3^2, 2^3\})$	11186176
12	$\mathcal{O}(0; \{12^7, 6^5, 4^7, 3^2\})$	44744704
12	$\mathcal{O}(0; \{12^7, 6^6, 4, 2^{10}\})$	349440
12	$\mathcal{O}(0; \{12^7, 6^6, 4, 3^3, 2^6\})$	2796288
12	$\mathcal{O}(0; \{12^7, 6^6, 4, 3^6, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^7, 6^6, 4^3, 2^7\})$	1397760
12	$\mathcal{O}(0; \{12^7, 6^6, 4^3, 3^3, 2^3\})$	11185152

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^7, 6^6, 4^5, 2^4\})$	5591040
12	$\mathcal{O}(0; \{12^7, 6^6, 4^5, 3^3\})$	44740608
12	$\mathcal{O}(0; \{12^7, 6^6, 4^7, 2\})$	22364160
12	$\mathcal{O}(0; \{12^7, 6^7, 4, 3, 2^7\})$	1398016
12	$\mathcal{O}(0; \{12^7, 6^7, 4, 3^4, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^7, 6^7, 4^3, 3, 2^4\})$	5592064
12	$\mathcal{O}(0; \{12^7, 6^7, 4^3, 3^4\})$	44739584
12	$\mathcal{O}(0; \{12^7, 6^7, 4^5, 3, 2\})$	22368256
12	$\mathcal{O}(0; \{12^7, 6^8, 4, 3^2, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^7, 6^8, 4, 3^5\})$	44739328
12	$\mathcal{O}(0; \{12^7, 6^8, 4^3, 3^2, 2\})$	22369280
12	$\mathcal{O}(0; \{12^7, 6^9, 4, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12^7, 6^9, 4, 3^3, 2\})$	22369536
12	$\mathcal{O}(0; \{12^7, 6^9, 4^3, 2^2\})$	11185152
12	$\mathcal{O}(0; \{12^7, 6^{10}, 4, 3, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^7, 6^{12}, 4\})$	22369536
12	$\mathcal{O}(0; \{12^8, 3^2, 2^{17}\})$	43776
12	$\mathcal{O}(0; \{12^8, 3^5, 2^{13}\})$	349440
12	$\mathcal{O}(0; \{12^8, 3^8, 2^9\})$	2796288
12	$\mathcal{O}(0; \{12^8, 3^{11}, 2^5\})$	22369536
12	$\mathcal{O}(0; \{12^8, 3^{14}, 2\})$	178957056
12	$\mathcal{O}(0; \{12^8, 4^2, 3^2, 2^{14}\})$	175104
12	$\mathcal{O}(0; \{12^8, 4^2, 3^5, 2^{10}\})$	1397760
12	$\mathcal{O}(0; \{12^8, 4^2, 3^8, 2^6\})$	11185152
12	$\mathcal{O}(0; \{12^8, 4^2, 3^{11}, 2^2\})$	89478144
12	$\mathcal{O}(0; \{12^8, 4^4, 3^2, 2^{11}\})$	700416
12	$\mathcal{O}(0; \{12^8, 4^4, 3^5, 2^7\})$	5591040
12	$\mathcal{O}(0; \{12^8, 4^4, 3^8, 2^3\})$	44740608
12	$\mathcal{O}(0; \{12^8, 4^6, 3^2, 2^8\})$	2801664
12	$\mathcal{O}(0; \{12^8, 4^6, 3^5, 2^4\})$	22364160
12	$\mathcal{O}(0; \{12^8, 4^6, 3^8\})$	178962432
12	$\mathcal{O}(0; \{12^8, 4^8, 3^2, 2^5\})$	11206656
12	$\mathcal{O}(0; \{12^8, 4^8, 3^5, 2\})$	89456640
12	$\mathcal{O}(0; \{12^8, 4^{10}, 3^2, 2^2\})$	44826624
12	$\mathcal{O}(0; \{12^8, 6, 2^{18}\})$	21760
12	$\mathcal{O}(0; \{12^8, 6, 3^3, 2^{14}\})$	174848
12	$\mathcal{O}(0; \{12^8, 6, 3^6, 2^{10}\})$	1398016
12	$\mathcal{O}(0; \{12^8, 6, 3^9, 2^6\})$	11184896
12	$\mathcal{O}(0; \{12^8, 6, 3^{12}, 2^2\})$	89478400
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 2^{15}\})$	87040
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^3, 2^{11}\})$	699392
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^6, 2^7\})$	5592064
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^9, 2^3\})$	44739584

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 2^{12}\})$	348160
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 3^3, 2^8\})$	2797568
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 3^6, 2^4\})$	22368256
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 3^9\})$	178958336
12	$\mathcal{O}(0; \{12^8, 6, 4^6, 2^9\})$	1392640
12	$\mathcal{O}(0; \{12^8, 6, 4^6, 3^3, 2^5\})$	11190272
12	$\mathcal{O}(0; \{12^8, 6, 4^6, 3^6, 2\})$	89473024
12	$\mathcal{O}(0; \{12^8, 6, 4^8, 2^6\})$	5570560
12	$\mathcal{O}(0; \{12^8, 6, 4^8, 3^3, 2^2\})$	44761088
12	$\mathcal{O}(0; \{12^8, 6, 4^{10}, 2^3\})$	22282240
12	$\mathcal{O}(0; \{12^8, 6, 4^{12}\})$	89128960
12	$\mathcal{O}(0; \{12^8, 6^2, 3, 2^{15}\})$	87296
12	$\mathcal{O}(0; \{12^8, 6^2, 3^4, 2^{11}\})$	699136
12	$\mathcal{O}(0; \{12^8, 6^2, 3^7, 2^7\})$	5592320
12	$\mathcal{O}(0; \{12^8, 6^2, 3^{10}, 2^3\})$	44739328
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3, 2^{12}\})$	349184
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3^4, 2^8\})$	2796544
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3^7, 2^4\})$	22369280
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3^{10}\})$	178957312
12	$\mathcal{O}(0; \{12^8, 6^2, 4^4, 3, 2^9\})$	1396736
12	$\mathcal{O}(0; \{12^8, 6^2, 4^4, 3^4, 2^5\})$	11186176
12	$\mathcal{O}(0; \{12^8, 6^2, 4^4, 3^7, 2\})$	89477120
12	$\mathcal{O}(0; \{12^8, 6^2, 4^6, 3, 2^6\})$	5586944
12	$\mathcal{O}(0; \{12^8, 6^2, 4^6, 3^4, 2^2\})$	44744704
12	$\mathcal{O}(0; \{12^8, 6^2, 4^8, 3, 2^3\})$	22347776
12	$\mathcal{O}(0; \{12^8, 6^2, 4^{10}, 3\})$	89391104
12	$\mathcal{O}(0; \{12^8, 6^3, 3^2, 2^{12}\})$	349440
12	$\mathcal{O}(0; \{12^8, 6^3, 3^5, 2^8\})$	2796288
12	$\mathcal{O}(0; \{12^8, 6^3, 3^8, 2^4\})$	22369536
12	$\mathcal{O}(0; \{12^8, 6^3, 3^{11}\})$	178957056
12	$\mathcal{O}(0; \{12^8, 6^3, 4^2, 3^2, 2^9\})$	1397760
12	$\mathcal{O}(0; \{12^8, 6^3, 4^2, 3^5, 2^5\})$	11185152
12	$\mathcal{O}(0; \{12^8, 6^3, 4^2, 3^8, 2\})$	89478144
12	$\mathcal{O}(0; \{12^8, 6^3, 4^4, 3^2, 2^6\})$	5591040
12	$\mathcal{O}(0; \{12^8, 6^3, 4^4, 3^5, 2^2\})$	44740608
12	$\mathcal{O}(0; \{12^8, 6^3, 4^6, 3^2, 2^3\})$	22364160
12	$\mathcal{O}(0; \{12^8, 6^3, 4^8, 3^2\})$	89456640
12	$\mathcal{O}(0; \{12^8, 6^4, 2^{13}\})$	174848
12	$\mathcal{O}(0; \{12^8, 6^4, 3^3, 2^9\})$	1398016
12	$\mathcal{O}(0; \{12^8, 6^4, 3^6, 2^5\})$	11184896
12	$\mathcal{O}(0; \{12^8, 6^4, 3^9, 2\})$	89478400
12	$\mathcal{O}(0; \{12^8, 6^4, 4^2, 2^{10}\})$	699392
12	$\mathcal{O}(0; \{12^8, 6^4, 4^2, 3^3, 2^6\})$	5592064

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^8, 6^4, 4^2, 3^6, 2^2\})$	44739584
12	$\mathcal{O}(0; \{12^8, 6^4, 4^4, 2^7\})$	2797568
12	$\mathcal{O}(0; \{12^8, 6^4, 4^4, 3^3, 2^3\})$	22368256
12	$\mathcal{O}(0; \{12^8, 6^4, 4^6, 2^4\})$	11190272
12	$\mathcal{O}(0; \{12^8, 6^4, 4^6, 3^3\})$	89473024
12	$\mathcal{O}(0; \{12^8, 6^4, 4^8, 2\})$	44761088
12	$\mathcal{O}(0; \{12^8, 6^5, 3, 2^{10}\})$	699136
12	$\mathcal{O}(0; \{12^8, 6^5, 3^4, 2^6\})$	5592320
12	$\mathcal{O}(0; \{12^8, 6^5, 3^7, 2^2\})$	44739328
12	$\mathcal{O}(0; \{12^8, 6^5, 4^2, 3, 2^7\})$	2796544
12	$\mathcal{O}(0; \{12^8, 6^5, 4^2, 3^4, 2^3\})$	22369280
12	$\mathcal{O}(0; \{12^8, 6^5, 4^4, 3, 2^4\})$	11186176
12	$\mathcal{O}(0; \{12^8, 6^5, 4^4, 3^4\})$	89477120
12	$\mathcal{O}(0; \{12^8, 6^5, 4^6, 3, 2\})$	44744704
12	$\mathcal{O}(0; \{12^8, 6^6, 3^2, 2^7\})$	2796288
12	$\mathcal{O}(0; \{12^8, 6^6, 3^5, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^8, 6^6, 4^2, 3^2, 2^4\})$	11185152
12	$\mathcal{O}(0; \{12^8, 6^6, 4^2, 3^5\})$	89478144
12	$\mathcal{O}(0; \{12^8, 6^6, 4^4, 3^2, 2\})$	44740608
12	$\mathcal{O}(0; \{12^8, 6^7, 2^8\})$	1398016
12	$\mathcal{O}(0; \{12^8, 6^7, 3^3, 2^4\})$	11184896
12	$\mathcal{O}(0; \{12^8, 6^7, 3^6\})$	89478400
12	$\mathcal{O}(0; \{12^8, 6^7, 4^2, 2^5\})$	5592064
12	$\mathcal{O}(0; \{12^8, 6^7, 4^2, 3^3, 2\})$	44739584
12	$\mathcal{O}(0; \{12^8, 6^7, 4^4, 2^2\})$	22368256
12	$\mathcal{O}(0; \{12^8, 6^8, 3, 2^5\})$	5592320
12	$\mathcal{O}(0; \{12^8, 6^8, 3^4, 2\})$	44739328
12	$\mathcal{O}(0; \{12^8, 6^8, 4^2, 3, 2^2\})$	22369280
12	$\mathcal{O}(0; \{12^8, 6^9, 3^2, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^8, 6^{10}, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^8, 6^{10}, 4^2\})$	44739584
12	$\mathcal{O}(0; \{12^8, 6^{11}, 3\})$	44739328
12	$\mathcal{O}(0; \{12^9, 4, 3, 2^{15}\})$	175104
12	$\mathcal{O}(0; \{12^9, 4, 3^4, 2^{11}\})$	1397760
12	$\mathcal{O}(0; \{12^9, 4, 3^7, 2^7\})$	11185152
12	$\mathcal{O}(0; \{12^9, 4, 3^{10}, 2^3\})$	89478144
12	$\mathcal{O}(0; \{12^9, 4^3, 3, 2^{12}\})$	700416
12	$\mathcal{O}(0; \{12^9, 4^3, 3^4, 2^8\})$	5591040
12	$\mathcal{O}(0; \{12^9, 4^3, 3^7, 2^4\})$	44740608
12	$\mathcal{O}(0; \{12^9, 4^3, 3^{10}\})$	357912576
12	$\mathcal{O}(0; \{12^9, 4^5, 3, 2^9\})$	2801664
12	$\mathcal{O}(0; \{12^9, 4^5, 3^4, 2^5\})$	22364160
12	$\mathcal{O}(0; \{12^9, 4^5, 3^7, 2\})$	178962432

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^9, 4^7, 3, 2^6\})$	11206656
12	$\mathcal{O}(0; \{12^9, 4^7, 3^4, 2^2\})$	89456640
12	$\mathcal{O}(0; \{12^9, 4^9, 3, 2^3\})$	44826624
12	$\mathcal{O}(0; \{12^9, 4^{11}, 3\})$	179306496
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^2, 2^{12}\})$	699392
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^5, 2^8\})$	5592064
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^8, 2^4\})$	44739584
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^{11}\})$	357913600
12	$\mathcal{O}(0; \{12^9, 6, 4^3, 3^2, 2^9\})$	2797568
12	$\mathcal{O}(0; \{12^9, 6, 4^3, 3^5, 2^5\})$	22368256
12	$\mathcal{O}(0; \{12^9, 6, 4^3, 3^8, 2\})$	178958336
12	$\mathcal{O}(0; \{12^9, 6, 4^5, 3^2, 2^6\})$	11190272
12	$\mathcal{O}(0; \{12^9, 6, 4^5, 3^5, 2^2\})$	89473024
12	$\mathcal{O}(0; \{12^9, 6, 4^7, 3^2, 2^3\})$	44761088
12	$\mathcal{O}(0; \{12^9, 6, 4^9, 3^2\})$	179044352
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 2^{13}\})$	349184
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 3^3, 2^9\})$	2796544
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 3^6, 2^5\})$	22369280
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 3^9, 2\})$	178957312
12	$\mathcal{O}(0; \{12^9, 6^2, 4^3, 2^{10}\})$	1396736
12	$\mathcal{O}(0; \{12^9, 6^2, 4^3, 3^3, 2^6\})$	11186176
12	$\mathcal{O}(0; \{12^9, 6^2, 4^3, 3^6, 2^2\})$	89477120
12	$\mathcal{O}(0; \{12^9, 6^2, 4^5, 2^7\})$	5586944
12	$\mathcal{O}(0; \{12^9, 6^2, 4^5, 3^3, 2^3\})$	44744704
12	$\mathcal{O}(0; \{12^9, 6^2, 4^7, 2^4\})$	22347776
12	$\mathcal{O}(0; \{12^9, 6^2, 4^7, 3^3\})$	178978816
12	$\mathcal{O}(0; \{12^9, 6^2, 4^9, 2\})$	89391104
12	$\mathcal{O}(0; \{12^9, 6^3, 4, 3, 2^{10}\})$	1397760
12	$\mathcal{O}(0; \{12^9, 6^3, 4, 3^4, 2^6\})$	11185152
12	$\mathcal{O}(0; \{12^9, 6^3, 4, 3^7, 2^2\})$	89478144
12	$\mathcal{O}(0; \{12^9, 6^3, 4^3, 3, 2^7\})$	5591040
12	$\mathcal{O}(0; \{12^9, 6^3, 4^3, 3^4, 2^3\})$	44740608
12	$\mathcal{O}(0; \{12^9, 6^3, 4^5, 3, 2^4\})$	22364160
12	$\mathcal{O}(0; \{12^9, 6^3, 4^5, 3^4\})$	178962432
12	$\mathcal{O}(0; \{12^9, 6^3, 4^7, 3, 2\})$	89456640
12	$\mathcal{O}(0; \{12^9, 6^4, 4, 3^2, 2^7\})$	5592064
12	$\mathcal{O}(0; \{12^9, 6^4, 4, 3^5, 2^3\})$	44739584
12	$\mathcal{O}(0; \{12^9, 6^4, 4^3, 3^2, 2^4\})$	22368256
12	$\mathcal{O}(0; \{12^9, 6^4, 4^3, 3^5\})$	178958336
12	$\mathcal{O}(0; \{12^9, 6^4, 4^5, 3^2, 2\})$	89473024
12	$\mathcal{O}(0; \{12^9, 6^5, 4, 2^8\})$	2796544
12	$\mathcal{O}(0; \{12^9, 6^5, 4, 3^3, 2^4\})$	22369280
12	$\mathcal{O}(0; \{12^9, 6^5, 4, 3^6\})$	178957312

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^9, 6^5, 4^3, 2^5\})$	11186176
12	$\mathcal{O}(0; \{12^9, 6^5, 4^3, 3^3, 2\})$	89477120
12	$\mathcal{O}(0; \{12^9, 6^5, 4^5, 2^2\})$	44744704
12	$\mathcal{O}(0; \{12^9, 6^6, 4, 3, 2^5\})$	11185152
12	$\mathcal{O}(0; \{12^9, 6^6, 4, 3^4, 2\})$	89478144
12	$\mathcal{O}(0; \{12^9, 6^6, 4^3, 3, 2^2\})$	44740608
12	$\mathcal{O}(0; \{12^9, 6^7, 4, 3^2, 2^2\})$	44739584
12	$\mathcal{O}(0; \{12^9, 6^8, 4, 2^3\})$	22369280
12	$\mathcal{O}(0; \{12^9, 6^8, 4^3\})$	89477120
12	$\mathcal{O}(0; \{12^9, 6^9, 4, 3\})$	89478144
12	$\mathcal{O}(0; \{12^{10}, 2^{16}\})$	175104
12	$\mathcal{O}(0; \{12^{10}, 3^3, 2^{12}\})$	1397760
12	$\mathcal{O}(0; \{12^{10}, 3^6, 2^8\})$	11185152
12	$\mathcal{O}(0; \{12^{10}, 3^9, 2^4\})$	89478144
12	$\mathcal{O}(0; \{12^{10}, 3^{12}\})$	715828224
12	$\mathcal{O}(0; \{12^{10}, 4^2, 2^{13}\})$	700416
12	$\mathcal{O}(0; \{12^{10}, 4^2, 3^3, 2^9\})$	5591040
12	$\mathcal{O}(0; \{12^{10}, 4^2, 3^6, 2^5\})$	44740608
12	$\mathcal{O}(0; \{12^{10}, 4^2, 3^9, 2\})$	357912576
12	$\mathcal{O}(0; \{12^{10}, 4^4, 2^{10}\})$	2801664
12	$\mathcal{O}(0; \{12^{10}, 4^4, 3^3, 2^6\})$	22364160
12	$\mathcal{O}(0; \{12^{10}, 4^4, 3^6, 2^2\})$	178962432
12	$\mathcal{O}(0; \{12^{10}, 4^6, 2^7\})$	11206656
12	$\mathcal{O}(0; \{12^{10}, 4^6, 3^3, 2^3\})$	89456640
12	$\mathcal{O}(0; \{12^{10}, 4^8, 2^4\})$	44826624
12	$\mathcal{O}(0; \{12^{10}, 4^8, 3^3\})$	357826560
12	$\mathcal{O}(0; \{12^{10}, 4^{10}, 2\})$	179306496
12	$\mathcal{O}(0; \{12^{10}, 6, 3, 2^{13}\})$	699392
12	$\mathcal{O}(0; \{12^{10}, 6, 3^4, 2^9\})$	5592064
12	$\mathcal{O}(0; \{12^{10}, 6, 3^7, 2^5\})$	44739584
12	$\mathcal{O}(0; \{12^{10}, 6, 3^{10}, 2\})$	357913600
12	$\mathcal{O}(0; \{12^{10}, 6, 4^2, 3, 2^{10}\})$	2797568
12	$\mathcal{O}(0; \{12^{10}, 6, 4^2, 3^4, 2^6\})$	22368256
12	$\mathcal{O}(0; \{12^{10}, 6, 4^2, 3^7, 2^2\})$	178958336
12	$\mathcal{O}(0; \{12^{10}, 6, 4^4, 3, 2^7\})$	11190272
12	$\mathcal{O}(0; \{12^{10}, 6, 4^4, 3^4, 2^3\})$	89473024
12	$\mathcal{O}(0; \{12^{10}, 6, 4^6, 3, 2^4\})$	44761088
12	$\mathcal{O}(0; \{12^{10}, 6, 4^6, 3^4\})$	357892096
12	$\mathcal{O}(0; \{12^{10}, 6, 4^8, 3, 2\})$	179044352
12	$\mathcal{O}(0; \{12^{10}, 6^2, 3^2, 2^{10}\})$	2796544
12	$\mathcal{O}(0; \{12^{10}, 6^2, 3^5, 2^6\})$	22369280
12	$\mathcal{O}(0; \{12^{10}, 6^2, 3^8, 2^2\})$	178957312
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^2, 3^2, 2^7\})$	11186176

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^2, 3^5, 2^3\})$	89477120
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^4, 3^2, 2^4\})$	44744704
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^4, 3^5\})$	357908480
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^6, 3^2, 2\})$	178978816
12	$\mathcal{O}(0; \{12^{10}, 6^3, 2^{11}\})$	1397760
12	$\mathcal{O}(0; \{12^{10}, 6^3, 3^3, 2^7\})$	11185152
12	$\mathcal{O}(0; \{12^{10}, 6^3, 3^6, 2^3\})$	89478144
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^2, 2^8\})$	5591040
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^2, 3^3, 2^4\})$	44740608
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^2, 3^6\})$	357912576
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^4, 2^5\})$	22364160
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^4, 3^3, 2\})$	178962432
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^6, 2^2\})$	89456640
12	$\mathcal{O}(0; \{12^{10}, 6^4, 3, 2^8\})$	5592064
12	$\mathcal{O}(0; \{12^{10}, 6^4, 3^4, 2^4\})$	44739584
12	$\mathcal{O}(0; \{12^{10}, 6^4, 3^7\})$	357913600
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^2, 3, 2^5\})$	22368256
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^2, 3^4, 2\})$	178958336
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^4, 3, 2^2\})$	89473024
12	$\mathcal{O}(0; \{12^{10}, 6^5, 3^2, 2^5\})$	22369280
12	$\mathcal{O}(0; \{12^{10}, 6^5, 3^5, 2\})$	178957312
12	$\mathcal{O}(0; \{12^{10}, 6^5, 4^2, 3^2, 2^2\})$	89477120
12	$\mathcal{O}(0; \{12^{10}, 6^6, 2^6\})$	11185152
12	$\mathcal{O}(0; \{12^{10}, 6^6, 3^3, 2^2\})$	89478144
12	$\mathcal{O}(0; \{12^{10}, 6^6, 4^2, 2^3\})$	44740608
12	$\mathcal{O}(0; \{12^{10}, 6^6, 4^4\})$	178962432
12	$\mathcal{O}(0; \{12^{10}, 6^7, 3, 2^3\})$	44739584
12	$\mathcal{O}(0; \{12^{10}, 6^7, 4^2, 3\})$	178958336
12	$\mathcal{O}(0; \{12^{10}, 6^8, 3^2\})$	178957312
12	$\mathcal{O}(0; \{12^{10}, 6^9, 2\})$	89478144
12	$\mathcal{O}(0; \{12^{11}, 4, 3^2, 2^{10}\})$	5591040
12	$\mathcal{O}(0; \{12^{11}, 4, 3^5, 2^6\})$	44740608
12	$\mathcal{O}(0; \{12^{11}, 4, 3^8, 2^2\})$	357912576
12	$\mathcal{O}(0; \{12^{11}, 4^3, 3^2, 2^7\})$	22364160
12	$\mathcal{O}(0; \{12^{11}, 4^3, 3^5, 2^3\})$	178962432
12	$\mathcal{O}(0; \{12^{11}, 4^5, 3^2, 2^4\})$	89456640
12	$\mathcal{O}(0; \{12^{11}, 4^5, 3^5\})$	715849728
12	$\mathcal{O}(0; \{12^{11}, 4^7, 3^2, 2\})$	357826560
12	$\mathcal{O}(0; \{12^{11}, 6, 4, 2^{11}\})$	2797568
12	$\mathcal{O}(0; \{12^{11}, 6, 4, 3^3, 2^7\})$	22368256
12	$\mathcal{O}(0; \{12^{11}, 6, 4, 3^6, 2^3\})$	178958336
12	$\mathcal{O}(0; \{12^{11}, 6, 4^3, 2^8\})$	11190272
12	$\mathcal{O}(0; \{12^{11}, 6, 4^3, 3^3, 2^4\})$	89473024

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{11}, 6, 4^3, 3^6\})$	715833344
12	$\mathcal{O}(0; \{12^{11}, 6, 4^5, 2^5\})$	44761088
12	$\mathcal{O}(0; \{12^{11}, 6, 4^5, 3^3, 2\})$	357892096
12	$\mathcal{O}(0; \{12^{11}, 6, 4^7, 2^2\})$	179044352
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4, 3, 2^8\})$	11186176
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4, 3^4, 2^4\})$	89477120
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4, 3^7\})$	715829248
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^3, 3, 2^5\})$	44744704
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^3, 3^4, 2\})$	357908480
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^5, 3, 2^2\})$	178978816
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4, 3^2, 2^5\})$	44740608
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4, 3^5, 2\})$	357912576
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4^3, 3^2, 2^2\})$	178962432
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4, 2^6\})$	22368256
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4, 3^3, 2^2\})$	178958336
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4^3, 2^3\})$	89473024
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4^5\})$	357892096
12	$\mathcal{O}(0; \{12^{11}, 6^5, 4, 3, 2^3\})$	89477120
12	$\mathcal{O}(0; \{12^{11}, 6^5, 4^3, 3\})$	357908480
12	$\mathcal{O}(0; \{12^{11}, 6^6, 4, 3^2\})$	357912576
12	$\mathcal{O}(0; \{12^{11}, 6^7, 4, 2\})$	178958336
12	$\mathcal{O}(0; \{12^{12}, 3, 2^{11}\})$	5591040
12	$\mathcal{O}(0; \{12^{12}, 3^4, 2^7\})$	44740608
12	$\mathcal{O}(0; \{12^{12}, 3^7, 2^3\})$	357912576
12	$\mathcal{O}(0; \{12^{12}, 4^2, 3, 2^8\})$	22364160
12	$\mathcal{O}(0; \{12^{12}, 4^2, 3^4, 2^4\})$	178962432
12	$\mathcal{O}(0; \{12^{12}, 4^2, 3^7\})$	1431650304
12	$\mathcal{O}(0; \{12^{12}, 4^4, 3, 2^5\})$	89456640
12	$\mathcal{O}(0; \{12^{12}, 4^4, 3^4, 2\})$	715849728
12	$\mathcal{O}(0; \{12^{12}, 4^6, 3, 2^2\})$	357826560
12	$\mathcal{O}(0; \{12^{12}, 6, 3^2, 2^8\})$	22368256
12	$\mathcal{O}(0; \{12^{12}, 6, 3^5, 2^4\})$	178958336
12	$\mathcal{O}(0; \{12^{12}, 6, 3^8\})$	1431654400
12	$\mathcal{O}(0; \{12^{12}, 6, 4^2, 3^2, 2^5\})$	89473024
12	$\mathcal{O}(0; \{12^{12}, 6, 4^2, 3^5, 2\})$	715833344
12	$\mathcal{O}(0; \{12^{12}, 6, 4^4, 3^2, 2^2\})$	357892096
12	$\mathcal{O}(0; \{12^{12}, 6^2, 2^9\})$	11186176
12	$\mathcal{O}(0; \{12^{12}, 6^2, 3^3, 2^5\})$	89477120
12	$\mathcal{O}(0; \{12^{12}, 6^2, 3^6, 2\})$	715829248
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^2, 2^6\})$	44744704
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^2, 3^3, 2^2\})$	357908480
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^4, 2^3\})$	178978816
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^6\})$	715915264

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{12}, 6^3, 3, 2^6\})$	44740608
12	$\mathcal{O}(0; \{12^{12}, 6^3, 3^4, 2^2\})$	357912576
12	$\mathcal{O}(0; \{12^{12}, 6^3, 4^2, 3, 2^3\})$	178962432
12	$\mathcal{O}(0; \{12^{12}, 6^3, 4^4, 3\})$	715849728
12	$\mathcal{O}(0; \{12^{12}, 6^4, 3^2, 2^3\})$	178958336
12	$\mathcal{O}(0; \{12^{12}, 6^4, 4^2, 3^2\})$	715833344
12	$\mathcal{O}(0; \{12^{12}, 6^5, 2^4\})$	89477120
12	$\mathcal{O}(0; \{12^{12}, 6^5, 3^3\})$	715829248
12	$\mathcal{O}(0; \{12^{12}, 6^5, 4^2, 2\})$	357908480
12	$\mathcal{O}(0; \{12^{12}, 6^6, 3, 2\})$	357912576
12	$\mathcal{O}(0; \{12^{13}, 4, 2^9\})$	22364160
12	$\mathcal{O}(0; \{12^{13}, 4, 3^3, 2^5\})$	178962432
12	$\mathcal{O}(0; \{12^{13}, 4, 3^6, 2\})$	1431650304
12	$\mathcal{O}(0; \{12^{13}, 4^3, 2^6\})$	89456640
12	$\mathcal{O}(0; \{12^{13}, 4^3, 3^3, 2^2\})$	715849728
12	$\mathcal{O}(0; \{12^{13}, 4^5, 2^3\})$	357826560
12	$\mathcal{O}(0; \{12^{13}, 4^7\})$	1431306240
12	$\mathcal{O}(0; \{12^{13}, 6, 4, 3, 2^6\})$	89473024
12	$\mathcal{O}(0; \{12^{13}, 6, 4, 3^4, 2^2\})$	715833344
12	$\mathcal{O}(0; \{12^{13}, 6, 4^3, 3, 2^3\})$	357892096
12	$\mathcal{O}(0; \{12^{13}, 6, 4^5, 3\})$	1431568384
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4, 3^2, 2^3\})$	357908480
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4^3, 3^2\})$	1431633920
12	$\mathcal{O}(0; \{12^{13}, 6^3, 4, 2^4\})$	178962432
12	$\mathcal{O}(0; \{12^{13}, 6^3, 4, 3^3\})$	1431650304
12	$\mathcal{O}(0; \{12^{13}, 6^3, 4^3, 2\})$	715849728
12	$\mathcal{O}(0; \{12^{13}, 6^4, 4, 3, 2\})$	715833344
12	$\mathcal{O}(0; \{12^{14}, 3^2, 2^6\})$	178962432
12	$\mathcal{O}(0; \{12^{14}, 3^5, 2^2\})$	1431650304
12	$\mathcal{O}(0; \{12^{14}, 4^2, 3^2, 2^3\})$	715849728
12	$\mathcal{O}(0; \{12^{14}, 4^4, 3^2\})$	2863398912
12	$\mathcal{O}(0; \{12^{14}, 6, 2^7\})$	89473024
12	$\mathcal{O}(0; \{12^{14}, 6, 3^3, 2^3\})$	715833344
12	$\mathcal{O}(0; \{12^{14}, 6, 4^2, 2^4\})$	357892096
12	$\mathcal{O}(0; \{12^{14}, 6, 4^2, 3^3\})$	2863333376
12	$\mathcal{O}(0; \{12^{14}, 6, 4^4, 2\})$	1431568384
12	$\mathcal{O}(0; \{12^{14}, 6^2, 3, 2^4\})$	357908480
12	$\mathcal{O}(0; \{12^{14}, 6^2, 3^4\})$	2863316992
12	$\mathcal{O}(0; \{12^{14}, 6^2, 4^2, 3, 2\})$	1431633920
12	$\mathcal{O}(0; \{12^{14}, 6^3, 3^2, 2\})$	1431650304
12	$\mathcal{O}(0; \{12^{14}, 6^4, 2^2\})$	715833344
12	$\mathcal{O}(0; \{12^{15}, 4, 3, 2^4\})$	715849728
12	$\mathcal{O}(0; \{12^{15}, 4, 3^4\})$	5726601216

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{15}, 4^3, 3, 2\})$	2863398912
12	$\mathcal{O}(0; \{12^{15}, 6, 4, 3^2, 2\})$	2863333376
12	$\mathcal{O}(0; \{12^{15}, 6^2, 4, 2^2\})$	1431633920
12	$\mathcal{O}(0; \{12^{16}, 2^5\})$	715849728
12	$\mathcal{O}(0; \{12^{16}, 3^3, 2\})$	5726601216
12	$\mathcal{O}(0; \{12^{16}, 4^2, 2^2\})$	2863398912
12	$\mathcal{O}(0; \{12^{16}, 6, 3, 2^2\})$	2863333376
12	$\mathcal{O}(0; \{12^{16}, 6^3\})$	5726601216
12	$\mathcal{O}(0; \{12^{17}, 6, 4\})$	11453333504
12	$\mathcal{O}(0; \{12^{18}, 3\})$	22906404864
13	$\mathcal{O}(8; \emptyset)$	665416609183179840
13	$\mathcal{O}(2; \{13^{13}\})$	235064072217794820
14	$\mathcal{O}(7; \{2^2\})$	11112006825541632
14	$\mathcal{O}(6; \{2^6\})$	56693912371200
14	$\mathcal{O}(5; \{2^{10}\})$	289254653952
14	$\mathcal{O}(5; \{14, 7^3, 2^3\})$	53801365825536
14	$\mathcal{O}(5; \{14^3, 7^2, 2\})$	321072667023360
14	$\mathcal{O}(4; \{2^{14}\})$	1475788800
14	$\mathcal{O}(4; \{7^7, 2^2\})$	59016804349440
14	$\mathcal{O}(4; \{14, 7^3, 2^7\})$	274496764416
14	$\mathcal{O}(4; \{14^2, 7^6\})$	354109680830976
14	$\mathcal{O}(4; \{14^3, 7^2, 2^5\})$	1638125852160
14	$\mathcal{O}(4; \{14^5, 7, 2^3\})$	9837609847296
14	$\mathcal{O}(4; \{14^7, 2\})$	59016804349440
14	$\mathcal{O}(3; \{2^{18}\})$	7529472
14	$\mathcal{O}(3; \{7^7, 2^6\})$	301106144640
14	$\mathcal{O}(3; \{14, 7^3, 2^{11}\})$	1400493696
14	$\mathcal{O}(3; \{14^2, 7^6, 2^4\})$	1806682045056
14	$\mathcal{O}(3; \{14^3, 7^2, 2^9\})$	8357784960
14	$\mathcal{O}(3; \{14^4, 7^5, 2^2\})$	10840047093120
14	$\mathcal{O}(3; \{14^5, 7, 2^7\})$	50191886976
14	$\mathcal{O}(3; \{14^6, 7^4\})$	65040327735936
14	$\mathcal{O}(3; \{14^7, 2^5\})$	301106144640
14	$\mathcal{O}(2; \{2^{22}\})$	38400
14	$\mathcal{O}(2; \{7^7, 2^{10}\})$	1536255840
14	$\mathcal{O}(2; \{14, 7^3, 2^{15}\})$	7145376
14	$\mathcal{O}(2; \{14, 7^{10}, 2^3\})$	1991030210400
14	$\mathcal{O}(2; \{14^2, 7^6, 2^8\})$	9217765536
14	$\mathcal{O}(2; \{14^3, 7^2, 2^{13}\})$	42641760
14	$\mathcal{O}(2; \{14^3, 7^9, 2\})$	11946181492896
14	$\mathcal{O}(2; \{14^4, 7^5, 2^6\})$	55306362720
14	$\mathcal{O}(2; \{14^5, 7, 2^{11}\})$	256081056
14	$\mathcal{O}(2; \{14^6, 7^4, 2^4\})$	331838406816

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
14	$\mathcal{O}(2; \{14^7, 2^9\})$	1536255840
14	$\mathcal{O}(2; \{14^8, 7^3, 2^2\})$	1991030210400
14	$\mathcal{O}(2; \{14^{10}, 7^2\})$	11946181492896
14	$\mathcal{O}(1; \{2^{26}\})$	192
14	$\mathcal{O}(1; \{7^7, 2^{14}\})$	7838040
14	$\mathcal{O}(1; \{7^{14}, 2^2\})$	2194196594856
14	$\mathcal{O}(1; \{14, 7^3, 2^{19}\})$	36456
14	$\mathcal{O}(1; \{14, 7^{10}, 2^7\})$	10158317400
14	$\mathcal{O}(1; \{14^2, 7^6, 2^{12}\})$	47029416
14	$\mathcal{O}(1; \{14^2, 7^{13}\})$	13165179567960
14	$\mathcal{O}(1; \{14^3, 7^2, 2^{17}\})$	217560
14	$\mathcal{O}(1; \{14^3, 7^9, 2^5\})$	60949905576
14	$\mathcal{O}(1; \{14^4, 7^5, 2^{10}\})$	282175320
14	$\mathcal{O}(1; \{14^5, 7, 2^{15}\})$	1306536
14	$\mathcal{O}(1; \{14^5, 7^8, 2^3\})$	365699432280
14	$\mathcal{O}(1; \{14^6, 7^4, 2^8\})$	1693053096
14	$\mathcal{O}(1; \{14^7, 2^{13}\})$	7838040
14	$\mathcal{O}(1; \{14^7, 7^7, 2\})$	2194196594856
14	$\mathcal{O}(1; \{14^8, 7^3, 2^6\})$	10158317400
14	$\mathcal{O}(1; \{14^{10}, 7^2, 2^4\})$	60949905576
14	$\mathcal{O}(1; \{14^{12}, 7, 2^2\})$	365699432280
14	$\mathcal{O}(1; \{14^{14}\})$	2194196594856
14	$\mathcal{O}(0; \{7^7, 2^{18}\})$	39990
14	$\mathcal{O}(0; \{7^{14}, 2^6\})$	11194880586
14	$\mathcal{O}(0; \{14, 7^3, 2^{23}\})$	186
14	$\mathcal{O}(0; \{14, 7^{10}, 2^{11}\})$	51828150
14	$\mathcal{O}(0; \{14^2, 7^6, 2^{16}\})$	239946
14	$\mathcal{O}(0; \{14^2, 7^{13}, 2^4\})$	67169283510
14	$\mathcal{O}(0; \{14^3, 7^2, 2^{21}\})$	1110
14	$\mathcal{O}(0; \{14^3, 7^9, 2^9\})$	310968906
14	$\mathcal{O}(0; \{14^4, 7^5, 2^{14}\})$	1439670
14	$\mathcal{O}(0; \{14^4, 7^{12}, 2^2\})$	403015701066
14	$\mathcal{O}(0; \{14^5, 7, 2^{19}\})$	6666
14	$\mathcal{O}(0; \{14^5, 7^8, 2^7\})$	1865813430
14	$\mathcal{O}(0; \{14^6, 7^4, 2^{12}\})$	8638026
14	$\mathcal{O}(0; \{14^6, 7^{11}\})$	2418094206390
14	$\mathcal{O}(0; \{14^7, 2^{17}\})$	39990
14	$\mathcal{O}(0; \{14^7, 7^7, 2^5\})$	11194880586
14	$\mathcal{O}(0; \{14^8, 7^3, 2^{10}\})$	51828150
14	$\mathcal{O}(0; \{14^9, 7^6, 2^3\})$	67169283510
14	$\mathcal{O}(0; \{14^{10}, 7^2, 2^8\})$	310968906
14	$\mathcal{O}(0; \{14^{11}, 7^5, 2\})$	403015701066
14	$\mathcal{O}(0; \{14^{12}, 7, 2^6\})$	1865813430

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
14	$\mathcal{O}(0; \{14^{14}, 2^4\})$	11194880586
15	$\mathcal{O}(5; \{15^2, 5^2, 3\})$	59971640625000
15	$\mathcal{O}(5; \{15^3, 3^2\})$	69198046875000
15	$\mathcal{O}(4; \{5^6, 3^2\})$	4203140625000
15	$\mathcal{O}(4; \{15, 5^4, 3^3\})$	3136978125000
15	$\mathcal{O}(4; \{15^2, 5^2, 3^4\})$	2931946875000
15	$\mathcal{O}(4; \{15^3, 3^5\})$	2644903125000
15	$\mathcal{O}(4; \{15^4, 5^3\})$	50376178125000
15	$\mathcal{O}(4; \{15^5, 5, 3\})$	46234546875000
15	$\mathcal{O}(3; \{5^6, 3^5\})$	93403125000
15	$\mathcal{O}(3; \{15, 5^4, 3^6\})$	97594875000
15	$\mathcal{O}(3; \{15^2, 5^2, 3^7\})$	100693125000
15	$\mathcal{O}(3; \{15^2, 5^7, 3\})$	1194375375000
15	$\mathcal{O}(3; \{15^3, 3^8\})$	93220875000
15	$\mathcal{O}(3; \{15^3, 5^5, 3^2\})$	1493083125000
15	$\mathcal{O}(3; \{15^4, 5^3, 3^3\})$	1567258875000
15	$\mathcal{O}(3; \{15^5, 5, 3^4\})$	1587853125000
15	$\mathcal{O}(3; \{15^7, 5^2\})$	25081882875000
15	$\mathcal{O}(3; \{15^8, 3\})$	25382413125000
15	$\mathcal{O}(2; \{5^6, 3^8\})$	3570075000
15	$\mathcal{O}(2; \{5^{11}, 3^2\})$	84934575000
15	$\mathcal{O}(2; \{15, 5^4, 3^9\})$	3532005000
15	$\mathcal{O}(2; \{15, 5^9, 3^3\})$	63701235000
15	$\mathcal{O}(2; \{15^2, 5^2, 3^{10}\})$	3595995000
15	$\mathcal{O}(2; \{15^2, 5^7, 3^4\})$	58391685000
15	$\mathcal{O}(2; \{15^3, 3^{11}\})$	3318165000
15	$\mathcal{O}(2; \{15^3, 5^5, 3^5\})$	57068955000
15	$\mathcal{O}(2; \{15^4, 5^3, 3^6\})$	56719845000
15	$\mathcal{O}(2; \{15^4, 5^8\})$	1019216115000
15	$\mathcal{O}(2; \{15^5, 5, 3^7\})$	56706075000
15	$\mathcal{O}(2; \{15^5, 5^6, 3\})$	934280325000
15	$\mathcal{O}(2; \{15^6, 5^4, 3^2\})$	913051035000
15	$\mathcal{O}(2; \{15^7, 5^2, 3^3\})$	907725285000
15	$\mathcal{O}(2; \{15^8, 3^4\})$	906467355000
15	$\mathcal{O}(2; \{15^{10}, 5\})$	14523812325000
15	$\mathcal{O}(1; \{5^6, 3^{11}\})$	125829000
15	$\mathcal{O}(1; \{5^{11}, 3^5\})$	1887435000
15	$\mathcal{O}(1; \{15, 5^4, 3^{12}\})$	125307000
15	$\mathcal{O}(1; \{15, 5^9, 3^6\})$	1981816200
15	$\mathcal{O}(1; \{15^2, 5^2, 3^{13}\})$	127787400
15	$\mathcal{O}(1; \{15^2, 5^7, 3^7\})$	2005371000
15	$\mathcal{O}(1; \{15^2, 5^{12}, 3\})$	24159191400
15	$\mathcal{O}(1; \{15^3, 3^{14}\})$	117963000

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(1; \{15^3, 5^5, 3^8\})$	2011422600
15	$\mathcal{O}(1; \{15^3, 5^{10}, 3^2\})$	30198987000
15	$\mathcal{O}(1; \{15^4, 5^3, 3^9\})$	2012283000
15	$\mathcal{O}(1; \{15^4, 5^8, 3^3\})$	31708945800
15	$\mathcal{O}(1; \{15^5, 5, 3^{10}\})$	2015109000
15	$\mathcal{O}(1; \{15^5, 5^6, 3^4\})$	32086395000
15	$\mathcal{O}(1; \{15^6, 5^4, 3^5\})$	32180920200
15	$\mathcal{O}(1; \{15^7, 5^2, 3^6\})$	32203899000
15	$\mathcal{O}(1; \{15^7, 5^7\})$	507343019400
15	$\mathcal{O}(1; \{15^8, 3^7\})$	32212254600
15	$\mathcal{O}(1; \{15^8, 5^5, 3\})$	513382779000
15	$\mathcal{O}(1; \{15^9, 5^3, 3^2\})$	514892881800
15	$\mathcal{O}(1; \{15^{10}, 5, 3^3\})$	515269755000
15	$\mathcal{O}(1; \{15^{13}\})$	8244323451000
15	$\mathcal{O}(0; \{5^6, 3^{14}\})$	4478840
15	$\mathcal{O}(0; \{5^{11}, 3^8\})$	72141960
15	$\mathcal{O}(0; \{5^{16}, 3^2\})$	1717986920
15	$\mathcal{O}(0; \{15, 5^4, 3^{15}\})$	4456584
15	$\mathcal{O}(0; \{15, 5^9, 3^9\})$	71722872
15	$\mathcal{O}(0; \{15, 5^{14}, 3^3\})$	1288490184
15	$\mathcal{O}(0; \{15^2, 5^2, 3^{16}\})$	4543864
15	$\mathcal{O}(0; \{15^2, 5^7, 3^{10}\})$	71616648
15	$\mathcal{O}(0; \{15^2, 5^{12}, 3^4\})$	1181116024
15	$\mathcal{O}(0; \{15^3, 3^{17}\})$	4194312
15	$\mathcal{O}(0; \{15^3, 5^5, 3^{11}\})$	71595896
15	$\mathcal{O}(0; \{15^3, 5^{10}, 3^5\})$	1154272392
15	$\mathcal{O}(0; \{15^4, 5^3, 3^{12}\})$	71567496
15	$\mathcal{O}(0; \{15^4, 5^8, 3^6\})$	1147561848
15	$\mathcal{O}(0; \{15^4, 5^{13}\})$	20615843016
15	$\mathcal{O}(0; \{15^5, 5, 3^{13}\})$	71653240
15	$\mathcal{O}(0; \{15^5, 5^6, 3^7\})$	1145882760
15	$\mathcal{O}(0; \{15^5, 5^{11}, 3\})$	18897856120
15	$\mathcal{O}(0; \{15^6, 5^4, 3^8\})$	1145468792
15	$\mathcal{O}(0; \{15^6, 5^9, 3^2\})$	18468359304
15	$\mathcal{O}(0; \{15^7, 5^2, 3^9\})$	1145342088
15	$\mathcal{O}(0; \{15^7, 5^7, 3^3\})$	18360985464
15	$\mathcal{O}(0; \{15^8, 3^{10}\})$	1145403256
15	$\mathcal{O}(0; \{15^8, 5^5, 3^4\})$	18334140552
15	$\mathcal{O}(0; \{15^9, 5^3, 3^5\})$	18327435128
15	$\mathcal{O}(0; \{15^{10}, 5, 3^6\})$	18325735560
15	$\mathcal{O}(0; \{15^{10}, 5^6\})$	293775763320
15	$\mathcal{O}(0; \{15^{11}, 5^4, 3\})$	293346265224
15	$\mathcal{O}(0; \{15^{12}, 5^2, 3^2\})$	293238896504

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(0; \{15^{13}, 3^3\})$	293212031112
16	$\mathcal{O}(5; \{16^2, 2^3\})$	8796093022208
16	$\mathcal{O}(5; \{16^2, 4^2\})$	35184372088832
16	$\mathcal{O}(4; \{16^2, 2^7\})$	34359738368
16	$\mathcal{O}(4; \{16^2, 4^2, 2^4\})$	137438953472
16	$\mathcal{O}(4; \{16^2, 4^4, 2\})$	549755813888
16	$\mathcal{O}(4; \{16^2, 8^2, 4, 2^2\})$	1099511627776
16	$\mathcal{O}(4; \{16^2, 8^4\})$	8796093022208
16	$\mathcal{O}(4; \{16^4, 8, 4\})$	17592186044416
16	$\mathcal{O}(3; \{16^2, 2^{11}\})$	134217728
16	$\mathcal{O}(3; \{16^2, 4^2, 2^8\})$	536870912
16	$\mathcal{O}(3; \{16^2, 4^4, 2^5\})$	2147483648
16	$\mathcal{O}(3; \{16^2, 4^6, 2^2\})$	8589934592
16	$\mathcal{O}(3; \{16^2, 8^2, 4, 2^6\})$	4294967296
16	$\mathcal{O}(3; \{16^2, 8^2, 4^3, 2^3\})$	17179869184
16	$\mathcal{O}(3; \{16^2, 8^2, 4^5\})$	68719476736
16	$\mathcal{O}(3; \{16^2, 8^4, 2^4\})$	34359738368
16	$\mathcal{O}(3; \{16^2, 8^4, 4^2, 2\})$	137438953472
16	$\mathcal{O}(3; \{16^4, 8, 4, 2^4\})$	68719476736
16	$\mathcal{O}(3; \{16^4, 8, 4^3, 2\})$	274877906944
16	$\mathcal{O}(3; \{16^4, 8^3, 2^2\})$	549755813888
16	$\mathcal{O}(3; \{16^6, 4, 2^2\})$	1099511627776
16	$\mathcal{O}(3; \{16^6, 8^2\})$	8796093022208
16	$\mathcal{O}(2; \{16^2, 2^{15}\})$	524288
16	$\mathcal{O}(2; \{16^2, 4^2, 2^{12}\})$	2097152
16	$\mathcal{O}(2; \{16^2, 4^4, 2^9\})$	8388608
16	$\mathcal{O}(2; \{16^2, 4^6, 2^6\})$	33554432
16	$\mathcal{O}(2; \{16^2, 4^8, 2^3\})$	134217728
16	$\mathcal{O}(2; \{16^2, 4^{10}\})$	536870912
16	$\mathcal{O}(2; \{16^2, 8^2, 4, 2^{10}\})$	16777216
16	$\mathcal{O}(2; \{16^2, 8^2, 4^3, 2^7\})$	67108864
16	$\mathcal{O}(2; \{16^2, 8^2, 4^5, 2^4\})$	268435456
16	$\mathcal{O}(2; \{16^2, 8^2, 4^7, 2\})$	1073741824
16	$\mathcal{O}(2; \{16^2, 8^4, 2^8\})$	134217728
16	$\mathcal{O}(2; \{16^2, 8^4, 4^2, 2^5\})$	536870912
16	$\mathcal{O}(2; \{16^2, 8^4, 4^4, 2^2\})$	2147483648
16	$\mathcal{O}(2; \{16^2, 8^6, 4, 2^3\})$	4294967296
16	$\mathcal{O}(2; \{16^2, 8^6, 4^3\})$	17179869184
16	$\mathcal{O}(2; \{16^2, 8^8, 2\})$	34359738368
16	$\mathcal{O}(2; \{16^4, 8, 4, 2^8\})$	268435456
16	$\mathcal{O}(2; \{16^4, 8, 4^3, 2^5\})$	1073741824
16	$\mathcal{O}(2; \{16^4, 8, 4^5, 2^2\})$	4294967296
16	$\mathcal{O}(2; \{16^4, 8^3, 2^6\})$	2147483648

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(2; \{16^4, 8^3, 4^2, 2^3\})$	8589934592
16	$\mathcal{O}(2; \{16^4, 8^3, 4^4\})$	34359738368
16	$\mathcal{O}(2; \{16^4, 8^5, 4, 2\})$	68719476736
16	$\mathcal{O}(2; \{16^6, 4, 2^6\})$	4294967296
16	$\mathcal{O}(2; \{16^6, 4^3, 2^3\})$	17179869184
16	$\mathcal{O}(2; \{16^6, 4^5\})$	68719476736
16	$\mathcal{O}(2; \{16^6, 8^2, 2^4\})$	34359738368
16	$\mathcal{O}(2; \{16^6, 8^2, 4^2, 2\})$	137438953472
16	$\mathcal{O}(2; \{16^8, 8, 2^2\})$	549755813888
16	$\mathcal{O}(2; \{16^{10}\})$	8796093022208
16	$\mathcal{O}(1; \{16^2, 2^{19}\})$	2048
16	$\mathcal{O}(1; \{16^2, 4^2, 2^{16}\})$	8192
16	$\mathcal{O}(1; \{16^2, 4^4, 2^{13}\})$	32768
16	$\mathcal{O}(1; \{16^2, 4^6, 2^{10}\})$	131072
16	$\mathcal{O}(1; \{16^2, 4^8, 2^7\})$	524288
16	$\mathcal{O}(1; \{16^2, 4^{10}, 2^4\})$	2097152
16	$\mathcal{O}(1; \{16^2, 4^{12}, 2\})$	8388608
16	$\mathcal{O}(1; \{16^2, 8^2, 4, 2^{14}\})$	65536
16	$\mathcal{O}(1; \{16^2, 8^2, 4^3, 2^{11}\})$	262144
16	$\mathcal{O}(1; \{16^2, 8^2, 4^5, 2^8\})$	1048576
16	$\mathcal{O}(1; \{16^2, 8^2, 4^7, 2^5\})$	4194304
16	$\mathcal{O}(1; \{16^2, 8^2, 4^9, 2^2\})$	16777216
16	$\mathcal{O}(1; \{16^2, 8^4, 2^{12}\})$	524288
16	$\mathcal{O}(1; \{16^2, 8^4, 4^2, 2^9\})$	2097152
16	$\mathcal{O}(1; \{16^2, 8^4, 4^4, 2^6\})$	8388608
16	$\mathcal{O}(1; \{16^2, 8^4, 4^6, 2^3\})$	33554432
16	$\mathcal{O}(1; \{16^2, 8^4, 4^8\})$	134217728
16	$\mathcal{O}(1; \{16^2, 8^6, 4, 2^7\})$	16777216
16	$\mathcal{O}(1; \{16^2, 8^6, 4^3, 2^4\})$	67108864
16	$\mathcal{O}(1; \{16^2, 8^6, 4^5, 2\})$	268435456
16	$\mathcal{O}(1; \{16^2, 8^8, 2^5\})$	134217728
16	$\mathcal{O}(1; \{16^2, 8^8, 4^2, 2^2\})$	536870912
16	$\mathcal{O}(1; \{16^2, 8^{10}, 4\})$	4294967296
16	$\mathcal{O}(1; \{16^4, 8, 4, 2^{12}\})$	1048576
16	$\mathcal{O}(1; \{16^4, 8, 4^3, 2^9\})$	4194304
16	$\mathcal{O}(1; \{16^4, 8, 4^5, 2^6\})$	16777216
16	$\mathcal{O}(1; \{16^4, 8, 4^7, 2^3\})$	67108864
16	$\mathcal{O}(1; \{16^4, 8, 4^9\})$	268435456
16	$\mathcal{O}(1; \{16^4, 8^3, 2^{10}\})$	8388608
16	$\mathcal{O}(1; \{16^4, 8^3, 4^2, 2^7\})$	33554432
16	$\mathcal{O}(1; \{16^4, 8^3, 4^4, 2^4\})$	134217728
16	$\mathcal{O}(1; \{16^4, 8^3, 4^6, 2\})$	536870912
16	$\mathcal{O}(1; \{16^4, 8^5, 4, 2^5\})$	268435456

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(1; \{16^4, 8^5, 4^3, 2^2\})$	1073741824
16	$\mathcal{O}(1; \{16^4, 8^7, 2^3\})$	2147483648
16	$\mathcal{O}(1; \{16^4, 8^7, 4^2\})$	8589934592
16	$\mathcal{O}(1; \{16^6, 4, 2^{10}\})$	16777216
16	$\mathcal{O}(1; \{16^6, 4^3, 2^7\})$	67108864
16	$\mathcal{O}(1; \{16^6, 4^5, 2^4\})$	268435456
16	$\mathcal{O}(1; \{16^6, 4^7, 2\})$	1073741824
16	$\mathcal{O}(1; \{16^6, 8^2, 2^8\})$	134217728
16	$\mathcal{O}(1; \{16^6, 8^2, 4^2, 2^5\})$	536870912
16	$\mathcal{O}(1; \{16^6, 8^2, 4^4, 2^2\})$	2147483648
16	$\mathcal{O}(1; \{16^6, 8^4, 4, 2^3\})$	4294967296
16	$\mathcal{O}(1; \{16^6, 8^4, 4^3\})$	17179869184
16	$\mathcal{O}(1; \{16^6, 8^6, 2\})$	34359738368
16	$\mathcal{O}(1; \{16^8, 8, 2^6\})$	2147483648
16	$\mathcal{O}(1; \{16^8, 8, 4^2, 2^3\})$	8589934592
16	$\mathcal{O}(1; \{16^8, 8, 4^4\})$	34359738368
16	$\mathcal{O}(1; \{16^8, 8^3, 4, 2\})$	68719476736
16	$\mathcal{O}(1; \{16^{10}, 2^4\})$	34359738368
16	$\mathcal{O}(1; \{16^{10}, 4^2, 2\})$	137438953472
16	$\mathcal{O}(0; \{16^2, 2^{23}\})$	8
16	$\mathcal{O}(0; \{16^2, 4^2, 2^{20}\})$	32
16	$\mathcal{O}(0; \{16^2, 4^4, 2^{17}\})$	128
16	$\mathcal{O}(0; \{16^2, 4^6, 2^{14}\})$	512
16	$\mathcal{O}(0; \{16^2, 4^8, 2^{11}\})$	2048
16	$\mathcal{O}(0; \{16^2, 4^{10}, 2^8\})$	8192
16	$\mathcal{O}(0; \{16^2, 4^{12}, 2^5\})$	32768
16	$\mathcal{O}(0; \{16^2, 4^{14}, 2^2\})$	131072
16	$\mathcal{O}(0; \{16^2, 8^2, 4, 2^{18}\})$	256
16	$\mathcal{O}(0; \{16^2, 8^2, 4^3, 2^{15}\})$	1024
16	$\mathcal{O}(0; \{16^2, 8^2, 4^5, 2^{12}\})$	4096
16	$\mathcal{O}(0; \{16^2, 8^2, 4^7, 2^9\})$	16384
16	$\mathcal{O}(0; \{16^2, 8^2, 4^9, 2^6\})$	65536
16	$\mathcal{O}(0; \{16^2, 8^2, 4^{11}, 2^3\})$	262144
16	$\mathcal{O}(0; \{16^2, 8^2, 4^{13}\})$	1048576
16	$\mathcal{O}(0; \{16^2, 8^4, 2^{16}\})$	2048
16	$\mathcal{O}(0; \{16^2, 8^4, 4^2, 2^{13}\})$	8192
16	$\mathcal{O}(0; \{16^2, 8^4, 4^4, 2^{10}\})$	32768
16	$\mathcal{O}(0; \{16^2, 8^4, 4^6, 2^7\})$	131072
16	$\mathcal{O}(0; \{16^2, 8^4, 4^8, 2^4\})$	524288
16	$\mathcal{O}(0; \{16^2, 8^4, 4^{10}, 2\})$	2097152
16	$\mathcal{O}(0; \{16^2, 8^6, 4, 2^{11}\})$	65536
16	$\mathcal{O}(0; \{16^2, 8^6, 4^3, 2^8\})$	262144
16	$\mathcal{O}(0; \{16^2, 8^6, 4^5, 2^5\})$	1048576

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{16^2, 8^6, 4^7, 2^2\})$	4194304
16	$\mathcal{O}(0; \{16^2, 8^8, 2^9\})$	524288
16	$\mathcal{O}(0; \{16^2, 8^8, 4^2, 2^6\})$	2097152
16	$\mathcal{O}(0; \{16^2, 8^8, 4^4, 2^3\})$	8388608
16	$\mathcal{O}(0; \{16^2, 8^8, 4^6\})$	33554432
16	$\mathcal{O}(0; \{16^2, 8^{10}, 4, 2^4\})$	16777216
16	$\mathcal{O}(0; \{16^2, 8^{10}, 4^3, 2\})$	67108864
16	$\mathcal{O}(0; \{16^2, 8^{12}, 2^2\})$	134217728
16	$\mathcal{O}(0; \{16^4, 8, 4, 2^{16}\})$	4096
16	$\mathcal{O}(0; \{16^4, 8, 4^3, 2^{13}\})$	16384
16	$\mathcal{O}(0; \{16^4, 8, 4^5, 2^{10}\})$	65536
16	$\mathcal{O}(0; \{16^4, 8, 4^7, 2^7\})$	262144
16	$\mathcal{O}(0; \{16^4, 8, 4^9, 2^4\})$	1048576
16	$\mathcal{O}(0; \{16^4, 8, 4^{11}, 2\})$	4194304
16	$\mathcal{O}(0; \{16^4, 8^3, 2^{14}\})$	32768
16	$\mathcal{O}(0; \{16^4, 8^3, 4^2, 2^{11}\})$	131072
16	$\mathcal{O}(0; \{16^4, 8^3, 4^4, 2^8\})$	524288
16	$\mathcal{O}(0; \{16^4, 8^3, 4^6, 2^5\})$	2097152
16	$\mathcal{O}(0; \{16^4, 8^3, 4^8, 2^2\})$	8388608
16	$\mathcal{O}(0; \{16^4, 8^5, 4, 2^9\})$	1048576
16	$\mathcal{O}(0; \{16^4, 8^5, 4^3, 2^6\})$	4194304
16	$\mathcal{O}(0; \{16^4, 8^5, 4^5, 2^3\})$	16777216
16	$\mathcal{O}(0; \{16^4, 8^5, 4^7\})$	67108864
16	$\mathcal{O}(0; \{16^4, 8^7, 2^7\})$	8388608
16	$\mathcal{O}(0; \{16^4, 8^7, 4^2, 2^4\})$	33554432
16	$\mathcal{O}(0; \{16^4, 8^7, 4^4, 2\})$	134217728
16	$\mathcal{O}(0; \{16^4, 8^9, 4, 2^2\})$	268435456
16	$\mathcal{O}(0; \{16^4, 8^{11}\})$	2147483648
16	$\mathcal{O}(0; \{16^6, 4, 2^{14}\})$	65536
16	$\mathcal{O}(0; \{16^6, 4^3, 2^{11}\})$	262144
16	$\mathcal{O}(0; \{16^6, 4^5, 2^8\})$	1048576
16	$\mathcal{O}(0; \{16^6, 4^7, 2^5\})$	4194304
16	$\mathcal{O}(0; \{16^6, 4^9, 2^2\})$	16777216
16	$\mathcal{O}(0; \{16^6, 8^2, 2^{12}\})$	524288
16	$\mathcal{O}(0; \{16^6, 8^2, 4^2, 2^9\})$	2097152
16	$\mathcal{O}(0; \{16^6, 8^2, 4^4, 2^6\})$	8388608
16	$\mathcal{O}(0; \{16^6, 8^2, 4^6, 2^3\})$	33554432
16	$\mathcal{O}(0; \{16^6, 8^2, 4^8\})$	134217728
16	$\mathcal{O}(0; \{16^6, 8^4, 4, 2^7\})$	16777216
16	$\mathcal{O}(0; \{16^6, 8^4, 4^3, 2^4\})$	67108864
16	$\mathcal{O}(0; \{16^6, 8^4, 4^5, 2\})$	268435456
16	$\mathcal{O}(0; \{16^6, 8^6, 2^5\})$	134217728
16	$\mathcal{O}(0; \{16^6, 8^6, 4^2, 2^2\})$	536870912

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{16^6, 8^8, 4\})$	4294967296
16	$\mathcal{O}(0; \{16^8, 8, 2^{10}\})$	8388608
16	$\mathcal{O}(0; \{16^8, 8, 4^2, 2^7\})$	33554432
16	$\mathcal{O}(0; \{16^8, 8, 4^4, 2^4\})$	134217728
16	$\mathcal{O}(0; \{16^8, 8, 4^6, 2\})$	536870912
16	$\mathcal{O}(0; \{16^8, 8^3, 4, 2^5\})$	268435456
16	$\mathcal{O}(0; \{16^8, 8^3, 4^3, 2^2\})$	1073741824
16	$\mathcal{O}(0; \{16^8, 8^5, 2^3\})$	2147483648
16	$\mathcal{O}(0; \{16^8, 8^5, 4^2\})$	8589934592
16	$\mathcal{O}(0; \{16^{10}, 2^8\})$	134217728
16	$\mathcal{O}(0; \{16^{10}, 4^2, 2^5\})$	536870912
16	$\mathcal{O}(0; \{16^{10}, 4^4, 2^2\})$	2147483648
16	$\mathcal{O}(0; \{16^{10}, 8^2, 4, 2^3\})$	4294967296
16	$\mathcal{O}(0; \{16^{10}, 8^2, 4^3\})$	17179869184
16	$\mathcal{O}(0; \{16^{10}, 8^4, 2\})$	34359738368
16	$\mathcal{O}(0; \{16^{12}, 8, 4, 2\})$	68719476736
17	$\mathcal{O}(4; \{17^5\})$	430264718960880
18	$\mathcal{O}(4; \{9^2, 3^2, 2^2\})$	264479053824
18	$\mathcal{O}(4; \{9^2, 6, 2^3\})$	132239526912
18	$\mathcal{O}(4; \{9^2, 6^2, 3\})$	528958107648
18	$\mathcal{O}(4; \{18, 9^3, 2\})$	1785233613312
18	$\mathcal{O}(4; \{18^2, 9, 3^2\})$	793437161472
18	$\mathcal{O}(4; \{18^2, 9, 6, 2\})$	396718580736
18	$\mathcal{O}(3; \{9^2, 3^2, 2^6\})$	816293376
18	$\mathcal{O}(3; \{9^2, 3^5, 2^2\})$	6530347008
18	$\mathcal{O}(3; \{9^2, 6, 2^7\})$	408146688
18	$\mathcal{O}(3; \{9^2, 6, 3^3, 2^3\})$	3265173504
18	$\mathcal{O}(3; \{9^2, 6^2, 3, 2^4\})$	1632586752
18	$\mathcal{O}(3; \{9^2, 6^2, 3^4\})$	13060694016
18	$\mathcal{O}(3; \{9^2, 6^3, 3^2, 2\})$	6530347008
18	$\mathcal{O}(3; \{9^2, 6^4, 2^2\})$	3265173504
18	$\mathcal{O}(3; \{9^5, 3, 2^2\})$	55099802880
18	$\mathcal{O}(3; \{9^5, 6^2\})$	110199605760
18	$\mathcal{O}(3; \{18, 9^3, 2^5\})$	5509980288
18	$\mathcal{O}(3; \{18, 9^3, 3^3, 2\})$	44079842304
18	$\mathcal{O}(3; \{18, 9^3, 6, 3, 2^2\})$	22039921152
18	$\mathcal{O}(3; \{18, 9^3, 6^3\})$	44079842304
18	$\mathcal{O}(3; \{18^2, 9, 3^2, 2^4\})$	2448880128
18	$\mathcal{O}(3; \{18^2, 9, 3^5\})$	19591041024
18	$\mathcal{O}(3; \{18^2, 9, 6, 2^5\})$	1224440064
18	$\mathcal{O}(3; \{18^2, 9, 6, 3^3, 2\})$	9795520512
18	$\mathcal{O}(3; \{18^2, 9, 6^2, 3, 2^2\})$	4897760256
18	$\mathcal{O}(3; \{18^2, 9, 6^4\})$	9795520512

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(3; \{18^2, 9^4, 3\})$	363658699008
18	$\mathcal{O}(3; \{18^3, 9^2, 2^3\})$	27549901440
18	$\mathcal{O}(3; \{18^3, 9^2, 6, 3\})$	110199605760
18	$\mathcal{O}(3; \{18^4, 3^2, 2^2\})$	22039921152
18	$\mathcal{O}(3; \{18^4, 6, 2^3\})$	11019960576
18	$\mathcal{O}(3; \{18^4, 6^2, 3\})$	44079842304
18	$\mathcal{O}(3; \{18^5, 9, 2\})$	181829349504
18	$\mathcal{O}(2; \{9^2, 3^2, 2^{10}\})$	2519424
18	$\mathcal{O}(2; \{9^2, 3^5, 2^6\})$	20155392
18	$\mathcal{O}(2; \{9^2, 3^8, 2^2\})$	161243136
18	$\mathcal{O}(2; \{9^2, 6, 2^{11}\})$	1259712
18	$\mathcal{O}(2; \{9^2, 6, 3^3, 2^7\})$	10077696
18	$\mathcal{O}(2; \{9^2, 6, 3^6, 2^3\})$	80621568
18	$\mathcal{O}(2; \{9^2, 6^2, 3, 2^8\})$	5038848
18	$\mathcal{O}(2; \{9^2, 6^2, 3^4, 2^4\})$	40310784
18	$\mathcal{O}(2; \{9^2, 6^2, 3^7\})$	322486272
18	$\mathcal{O}(2; \{9^2, 6^3, 3^2, 2^5\})$	20155392
18	$\mathcal{O}(2; \{9^2, 6^3, 3^5, 2\})$	161243136
18	$\mathcal{O}(2; \{9^2, 6^4, 2^6\})$	10077696
18	$\mathcal{O}(2; \{9^2, 6^4, 3^3, 2^2\})$	80621568
18	$\mathcal{O}(2; \{9^2, 6^5, 3, 2^3\})$	40310784
18	$\mathcal{O}(2; \{9^2, 6^6, 3^2\})$	161243136
18	$\mathcal{O}(2; \{9^2, 6^7, 2\})$	80621568
18	$\mathcal{O}(2; \{9^5, 3, 2^6\})$	170061120
18	$\mathcal{O}(2; \{9^5, 3^4, 2^2\})$	1360488960
18	$\mathcal{O}(2; \{9^5, 6, 3^2, 2^3\})$	680244480
18	$\mathcal{O}(2; \{9^5, 6^2, 2^4\})$	340122240
18	$\mathcal{O}(2; \{9^5, 6^2, 3^3\})$	2720977920
18	$\mathcal{O}(2; \{9^5, 6^3, 3, 2\})$	1360488960
18	$\mathcal{O}(2; \{9^8, 2^2\})$	19744096032
18	$\mathcal{O}(2; \{18, 9^3, 2^9\})$	17006112
18	$\mathcal{O}(2; \{18, 9^3, 3^3, 2^5\})$	136048896
18	$\mathcal{O}(2; \{18, 9^3, 3^6, 2\})$	1088391168
18	$\mathcal{O}(2; \{18, 9^3, 6, 3, 2^6\})$	68024448
18	$\mathcal{O}(2; \{18, 9^3, 6, 3^4, 2^2\})$	544195584
18	$\mathcal{O}(2; \{18, 9^3, 6^2, 3^2, 2^3\})$	272097792
18	$\mathcal{O}(2; \{18, 9^3, 6^3, 2^4\})$	136048896
18	$\mathcal{O}(2; \{18, 9^3, 6^3, 3^3\})$	1088391168
18	$\mathcal{O}(2; \{18, 9^3, 6^4, 3, 2\})$	544195584
18	$\mathcal{O}(2; \{18, 9^6, 3^2, 2\})$	12856620672
18	$\mathcal{O}(2; \{18, 9^6, 6, 2^2\})$	6428310336
18	$\mathcal{O}(2; \{18^2, 9, 3^2, 2^8\})$	7558272
18	$\mathcal{O}(2; \{18^2, 9, 3^5, 2^4\})$	60466176

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(2; \{18^2, 9, 3^8\})$	483729408
18	$\mathcal{O}(2; \{18^2, 9, 6, 2^9\})$	3779136
18	$\mathcal{O}(2; \{18^2, 9, 6, 3^3, 2^5\})$	30233088
18	$\mathcal{O}(2; \{18^2, 9, 6, 3^6, 2\})$	241864704
18	$\mathcal{O}(2; \{18^2, 9, 6^2, 3, 2^6\})$	15116544
18	$\mathcal{O}(2; \{18^2, 9, 6^2, 3^4, 2^2\})$	120932352
18	$\mathcal{O}(2; \{18^2, 9, 6^3, 3^2, 2^3\})$	60466176
18	$\mathcal{O}(2; \{18^2, 9, 6^4, 2^4\})$	30233088
18	$\mathcal{O}(2; \{18^2, 9, 6^4, 3^3\})$	241864704
18	$\mathcal{O}(2; \{18^2, 9, 6^5, 3, 2\})$	120932352
18	$\mathcal{O}(2; \{18^2, 9^4, 3, 2^4\})$	1122403392
18	$\mathcal{O}(2; \{18^2, 9^4, 3^4\})$	8979227136
18	$\mathcal{O}(2; \{18^2, 9^4, 6, 3^2, 2\})$	4489613568
18	$\mathcal{O}(2; \{18^2, 9^4, 6^2, 2^2\})$	2244806784
18	$\mathcal{O}(2; \{18^2, 9^7\})$	117087081120
18	$\mathcal{O}(2; \{18^3, 9^2, 2^7\})$	85030560
18	$\mathcal{O}(2; \{18^3, 9^2, 3^3, 2^3\})$	680244480
18	$\mathcal{O}(2; \{18^3, 9^2, 6, 3, 2^4\})$	340122240
18	$\mathcal{O}(2; \{18^3, 9^2, 6, 3^4\})$	2720977920
18	$\mathcal{O}(2; \{18^3, 9^2, 6^2, 3^2, 2\})$	1360488960
18	$\mathcal{O}(2; \{18^3, 9^2, 6^3, 2^2\})$	680244480
18	$\mathcal{O}(2; \{18^3, 9^5, 6\})$	39488192064
18	$\mathcal{O}(2; \{18^4, 3^2, 2^6\})$	68024448
18	$\mathcal{O}(2; \{18^4, 3^5, 2^2\})$	544195584
18	$\mathcal{O}(2; \{18^4, 6, 2^7\})$	34012224
18	$\mathcal{O}(2; \{18^4, 6, 3^3, 2^3\})$	272097792
18	$\mathcal{O}(2; \{18^4, 6^2, 3, 2^4\})$	136048896
18	$\mathcal{O}(2; \{18^4, 6^2, 3^4\})$	1088391168
18	$\mathcal{O}(2; \{18^4, 6^3, 3^2, 2\})$	544195584
18	$\mathcal{O}(2; \{18^4, 6^4, 2^2\})$	272097792
18	$\mathcal{O}(2; \{18^4, 9^3, 3, 2^2\})$	6428310336
18	$\mathcal{O}(2; \{18^4, 9^3, 6^2\})$	12856620672
18	$\mathcal{O}(2; \{18^5, 9, 2^5\})$	561201696
18	$\mathcal{O}(2; \{18^5, 9, 3^3, 2\})$	4489613568
18	$\mathcal{O}(2; \{18^5, 9, 6, 3, 2^2\})$	2244806784
18	$\mathcal{O}(2; \{18^5, 9, 6^3\})$	4489613568
18	$\mathcal{O}(2; \{18^6, 9^2, 3\})$	39488192064
18	$\mathcal{O}(2; \{18^7, 2^3\})$	3214155168
18	$\mathcal{O}(2; \{18^7, 6, 3\})$	12856620672
18	$\mathcal{O}(1; \{9^2, 3^2, 2^{14}\})$	7776
18	$\mathcal{O}(1; \{9^2, 3^5, 2^{10}\})$	62208
18	$\mathcal{O}(1; \{9^2, 3^8, 2^6\})$	497664
18	$\mathcal{O}(1; \{9^2, 3^{11}, 2^2\})$	3981312

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{9^2, 6, 2^{15}\})$	3888
18	$\mathcal{O}(1; \{9^2, 6, 3^3, 2^{11}\})$	31104
18	$\mathcal{O}(1; \{9^2, 6, 3^6, 2^7\})$	248832
18	$\mathcal{O}(1; \{9^2, 6, 3^9, 2^3\})$	1990656
18	$\mathcal{O}(1; \{9^2, 6^2, 3, 2^{12}\})$	15552
18	$\mathcal{O}(1; \{9^2, 6^2, 3^4, 2^8\})$	124416
18	$\mathcal{O}(1; \{9^2, 6^2, 3^7, 2^4\})$	995328
18	$\mathcal{O}(1; \{9^2, 6^2, 3^{10}\})$	7962624
18	$\mathcal{O}(1; \{9^2, 6^3, 3^2, 2^9\})$	62208
18	$\mathcal{O}(1; \{9^2, 6^3, 3^5, 2^5\})$	497664
18	$\mathcal{O}(1; \{9^2, 6^3, 3^8, 2\})$	3981312
18	$\mathcal{O}(1; \{9^2, 6^4, 2^{10}\})$	31104
18	$\mathcal{O}(1; \{9^2, 6^4, 3^3, 2^6\})$	248832
18	$\mathcal{O}(1; \{9^2, 6^4, 3^6, 2^2\})$	1990656
18	$\mathcal{O}(1; \{9^2, 6^5, 3, 2^7\})$	124416
18	$\mathcal{O}(1; \{9^2, 6^5, 3^4, 2^3\})$	995328
18	$\mathcal{O}(1; \{9^2, 6^6, 3^2, 2^4\})$	497664
18	$\mathcal{O}(1; \{9^2, 6^6, 3^5\})$	3981312
18	$\mathcal{O}(1; \{9^2, 6^7, 2^5\})$	248832
18	$\mathcal{O}(1; \{9^2, 6^7, 3^3, 2\})$	1990656
18	$\mathcal{O}(1; \{9^2, 6^8, 3, 2^2\})$	995328
18	$\mathcal{O}(1; \{9^2, 6^{10}\})$	1990656
18	$\mathcal{O}(1; \{9^5, 3, 2^{10}\})$	524880
18	$\mathcal{O}(1; \{9^5, 3^4, 2^6\})$	4199040
18	$\mathcal{O}(1; \{9^5, 3^7, 2^2\})$	33592320
18	$\mathcal{O}(1; \{9^5, 6, 3^2, 2^7\})$	2099520
18	$\mathcal{O}(1; \{9^5, 6, 3^5, 2^3\})$	16796160
18	$\mathcal{O}(1; \{9^5, 6^2, 2^8\})$	1049760
18	$\mathcal{O}(1; \{9^5, 6^2, 3^3, 2^4\})$	8398080
18	$\mathcal{O}(1; \{9^5, 6^2, 3^6\})$	67184640
18	$\mathcal{O}(1; \{9^5, 6^3, 3, 2^5\})$	4199040
18	$\mathcal{O}(1; \{9^5, 6^3, 3^4, 2\})$	33592320
18	$\mathcal{O}(1; \{9^5, 6^4, 3^2, 2^2\})$	16796160
18	$\mathcal{O}(1; \{9^5, 6^5, 2^3\})$	8398080
18	$\mathcal{O}(1; \{9^5, 6^6, 3\})$	33592320
18	$\mathcal{O}(1; \{9^8, 2^6\})$	60938568
18	$\mathcal{O}(1; \{9^8, 3^3, 2^2\})$	487508544
18	$\mathcal{O}(1; \{9^8, 6, 3, 2^3\})$	243754272
18	$\mathcal{O}(1; \{9^8, 6^2, 3^2\})$	975017088
18	$\mathcal{O}(1; \{9^8, 6^3, 2\})$	487508544
18	$\mathcal{O}(1; \{18, 9^3, 2^{13}\})$	52488
18	$\mathcal{O}(1; \{18, 9^3, 3^3, 2^9\})$	419904
18	$\mathcal{O}(1; \{18, 9^3, 3^6, 2^5\})$	3359232

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18, 9^3, 3^9, 2\})$	26873856
18	$\mathcal{O}(1; \{18, 9^3, 6, 3, 2^{10}\})$	209952
18	$\mathcal{O}(1; \{18, 9^3, 6, 3^4, 2^6\})$	1679616
18	$\mathcal{O}(1; \{18, 9^3, 6, 3^7, 2^2\})$	13436928
18	$\mathcal{O}(1; \{18, 9^3, 6^2, 3^2, 2^7\})$	839808
18	$\mathcal{O}(1; \{18, 9^3, 6^2, 3^5, 2^3\})$	6718464
18	$\mathcal{O}(1; \{18, 9^3, 6^3, 2^8\})$	419904
18	$\mathcal{O}(1; \{18, 9^3, 6^3, 3^3, 2^4\})$	3359232
18	$\mathcal{O}(1; \{18, 9^3, 6^3, 3^6\})$	26873856
18	$\mathcal{O}(1; \{18, 9^3, 6^4, 3, 2^5\})$	1679616
18	$\mathcal{O}(1; \{18, 9^3, 6^4, 3^4, 2\})$	13436928
18	$\mathcal{O}(1; \{18, 9^3, 6^5, 3^2, 2^2\})$	6718464
18	$\mathcal{O}(1; \{18, 9^3, 6^6, 2^3\})$	3359232
18	$\mathcal{O}(1; \{18, 9^3, 6^7, 3\})$	13436928
18	$\mathcal{O}(1; \{18, 9^6, 3^2, 2^5\})$	39680928
18	$\mathcal{O}(1; \{18, 9^6, 3^5, 2\})$	317447424
18	$\mathcal{O}(1; \{18, 9^6, 6, 2^6\})$	19840464
18	$\mathcal{O}(1; \{18, 9^6, 6, 3^3, 2^2\})$	158723712
18	$\mathcal{O}(1; \{18, 9^6, 6^2, 3, 2^3\})$	79361856
18	$\mathcal{O}(1; \{18, 9^6, 6^3, 3^2\})$	317447424
18	$\mathcal{O}(1; \{18, 9^6, 6^4, 2\})$	158723712
18	$\mathcal{O}(1; \{18, 9^9, 3, 2\})$	4362067728
18	$\mathcal{O}(1; \{18^2, 9, 3^2, 2^{12}\})$	23328
18	$\mathcal{O}(1; \{18^2, 9, 3^5, 2^8\})$	186624
18	$\mathcal{O}(1; \{18^2, 9, 3^8, 2^4\})$	1492992
18	$\mathcal{O}(1; \{18^2, 9, 3^{11}\})$	11943936
18	$\mathcal{O}(1; \{18^2, 9, 6, 2^{13}\})$	11664
18	$\mathcal{O}(1; \{18^2, 9, 6, 3^3, 2^9\})$	93312
18	$\mathcal{O}(1; \{18^2, 9, 6, 3^6, 2^5\})$	746496
18	$\mathcal{O}(1; \{18^2, 9, 6, 3^9, 2\})$	5971968
18	$\mathcal{O}(1; \{18^2, 9, 6^2, 3, 2^{10}\})$	46656
18	$\mathcal{O}(1; \{18^2, 9, 6^2, 3^4, 2^6\})$	373248
18	$\mathcal{O}(1; \{18^2, 9, 6^2, 3^7, 2^2\})$	2985984
18	$\mathcal{O}(1; \{18^2, 9, 6^3, 3^2, 2^7\})$	186624
18	$\mathcal{O}(1; \{18^2, 9, 6^3, 3^5, 2^3\})$	1492992
18	$\mathcal{O}(1; \{18^2, 9, 6^4, 2^8\})$	93312
18	$\mathcal{O}(1; \{18^2, 9, 6^4, 3^3, 2^4\})$	746496
18	$\mathcal{O}(1; \{18^2, 9, 6^4, 3^6\})$	5971968
18	$\mathcal{O}(1; \{18^2, 9, 6^5, 3, 2^5\})$	373248
18	$\mathcal{O}(1; \{18^2, 9, 6^5, 3^4, 2\})$	2985984
18	$\mathcal{O}(1; \{18^2, 9, 6^6, 3^2, 2^2\})$	1492992
18	$\mathcal{O}(1; \{18^2, 9, 6^7, 2^3\})$	746496
18	$\mathcal{O}(1; \{18^2, 9, 6^8, 3\})$	2985984

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18^2, 9^4, 3, 2^8\})$	3464208
18	$\mathcal{O}(1; \{18^2, 9^4, 3^4, 2^4\})$	27713664
18	$\mathcal{O}(1; \{18^2, 9^4, 3^7\})$	221709312
18	$\mathcal{O}(1; \{18^2, 9^4, 6, 3^2, 2^5\})$	13856832
18	$\mathcal{O}(1; \{18^2, 9^4, 6, 3^5, 2\})$	110854656
18	$\mathcal{O}(1; \{18^2, 9^4, 6^2, 2^6\})$	6928416
18	$\mathcal{O}(1; \{18^2, 9^4, 6^2, 3^3, 2^2\})$	55427328
18	$\mathcal{O}(1; \{18^2, 9^4, 6^3, 3, 2^3\})$	27713664
18	$\mathcal{O}(1; \{18^2, 9^4, 6^4, 3^2\})$	110854656
18	$\mathcal{O}(1; \{18^2, 9^4, 6^5, 2\})$	55427328
18	$\mathcal{O}(1; \{18^2, 9^7, 2^4\})$	361379880
18	$\mathcal{O}(1; \{18^2, 9^7, 3^3\})$	2891039040
18	$\mathcal{O}(1; \{18^2, 9^7, 6, 3, 2\})$	1445519520
18	$\mathcal{O}(1; \{18^3, 9^2, 2^{11}\})$	262440
18	$\mathcal{O}(1; \{18^3, 9^2, 3^3, 2^7\})$	2099520
18	$\mathcal{O}(1; \{18^3, 9^2, 3^6, 2^3\})$	16796160
18	$\mathcal{O}(1; \{18^3, 9^2, 6, 3, 2^8\})$	1049760
18	$\mathcal{O}(1; \{18^3, 9^2, 6, 3^4, 2^4\})$	8398080
18	$\mathcal{O}(1; \{18^3, 9^2, 6, 3^7\})$	67184640
18	$\mathcal{O}(1; \{18^3, 9^2, 6^2, 3^2, 2^5\})$	4199040
18	$\mathcal{O}(1; \{18^3, 9^2, 6^2, 3^5, 2\})$	33592320
18	$\mathcal{O}(1; \{18^3, 9^2, 6^3, 2^6\})$	2099520
18	$\mathcal{O}(1; \{18^3, 9^2, 6^3, 3^3, 2^2\})$	16796160
18	$\mathcal{O}(1; \{18^3, 9^2, 6^4, 3, 2^3\})$	8398080
18	$\mathcal{O}(1; \{18^3, 9^2, 6^5, 3^2\})$	33592320
18	$\mathcal{O}(1; \{18^3, 9^2, 6^6, 2\})$	16796160
18	$\mathcal{O}(1; \{18^3, 9^5, 3^2, 2^3\})$	243754272
18	$\mathcal{O}(1; \{18^3, 9^5, 6, 2^4\})$	121877136
18	$\mathcal{O}(1; \{18^3, 9^5, 6, 3^3\})$	975017088
18	$\mathcal{O}(1; \{18^3, 9^5, 6^2, 3, 2\})$	487508544
18	$\mathcal{O}(1; \{18^4, 3^2, 2^{10}\})$	209952
18	$\mathcal{O}(1; \{18^4, 3^5, 2^6\})$	1679616
18	$\mathcal{O}(1; \{18^4, 3^8, 2^2\})$	13436928
18	$\mathcal{O}(1; \{18^4, 6, 2^{11}\})$	104976
18	$\mathcal{O}(1; \{18^4, 6, 3^3, 2^7\})$	839808
18	$\mathcal{O}(1; \{18^4, 6, 3^6, 2^3\})$	6718464
18	$\mathcal{O}(1; \{18^4, 6^2, 3, 2^8\})$	419904
18	$\mathcal{O}(1; \{18^4, 6^2, 3^4, 2^4\})$	3359232
18	$\mathcal{O}(1; \{18^4, 6^2, 3^7\})$	26873856
18	$\mathcal{O}(1; \{18^4, 6^3, 3^2, 2^5\})$	1679616
18	$\mathcal{O}(1; \{18^4, 6^3, 3^5, 2\})$	13436928
18	$\mathcal{O}(1; \{18^4, 6^4, 2^6\})$	839808
18	$\mathcal{O}(1; \{18^4, 6^4, 3^3, 2^2\})$	6718464

Continued on next page

Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18^4, 6^5, 3, 2^3\})$	3359232
18	$\mathcal{O}(1; \{18^4, 6^6, 3^2\})$	13436928
18	$\mathcal{O}(1; \{18^4, 6^7, 2\})$	6718464
18	$\mathcal{O}(1; \{18^4, 9^3, 3, 2^6\})$	19840464
18	$\mathcal{O}(1; \{18^4, 9^3, 3^4, 2^2\})$	158723712
18	$\mathcal{O}(1; \{18^4, 9^3, 6, 3^2, 2^3\})$	79361856
18	$\mathcal{O}(1; \{18^4, 9^3, 6^2, 2^4\})$	39680928
18	$\mathcal{O}(1; \{18^4, 9^3, 6^2, 3^3\})$	317447424
18	$\mathcal{O}(1; \{18^4, 9^3, 6^3, 3, 2\})$	158723712
18	$\mathcal{O}(1; \{18^4, 9^6, 2^2\})$	2181033864
18	$\mathcal{O}(1; \{18^5, 9, 2^9\})$	1732104
18	$\mathcal{O}(1; \{18^5, 9, 3^3, 2^5\})$	13856832
18	$\mathcal{O}(1; \{18^5, 9, 3^6, 2\})$	110854656
18	$\mathcal{O}(1; \{18^5, 9, 6, 3, 2^6\})$	6928416
18	$\mathcal{O}(1; \{18^5, 9, 6, 3^4, 2^2\})$	55427328
18	$\mathcal{O}(1; \{18^5, 9, 6^2, 3^2, 2^3\})$	27713664
18	$\mathcal{O}(1; \{18^5, 9, 6^3, 2^4\})$	13856832
18	$\mathcal{O}(1; \{18^5, 9, 6^3, 3^3\})$	110854656
18	$\mathcal{O}(1; \{18^5, 9, 6^4, 3, 2\})$	55427328
18	$\mathcal{O}(1; \{18^5, 9^4, 3^2, 2\})$	1445519520
18	$\mathcal{O}(1; \{18^5, 9^4, 6, 2^2\})$	722759760
18	$\mathcal{O}(1; \{18^6, 9^2, 3, 2^4\})$	121877136
18	$\mathcal{O}(1; \{18^6, 9^2, 3^4\})$	975017088
18	$\mathcal{O}(1; \{18^6, 9^2, 6, 3^2, 2\})$	487508544
18	$\mathcal{O}(1; \{18^6, 9^2, 6^2, 2^2\})$	243754272
18	$\mathcal{O}(1; \{18^6, 9^5\})$	13047939432
18	$\mathcal{O}(1; \{18^7, 2^7\})$	9920232
18	$\mathcal{O}(1; \{18^7, 3^3, 2^3\})$	79361856
18	$\mathcal{O}(1; \{18^7, 6, 3, 2^4\})$	39680928
18	$\mathcal{O}(1; \{18^7, 6, 3^4\})$	317447424
18	$\mathcal{O}(1; \{18^7, 6^2, 3^2, 2\})$	158723712
18	$\mathcal{O}(1; \{18^7, 6^3, 2^2\})$	79361856
18	$\mathcal{O}(1; \{18^7, 9^3, 6\})$	4362067728
18	$\mathcal{O}(1; \{18^8, 9, 3, 2^2\})$	722759760
18	$\mathcal{O}(1; \{18^8, 9, 6^2\})$	1445519520
18	$\mathcal{O}(1; \{18^{10}, 3\})$	4362067728
18	$\mathcal{O}(0; \{9^2, 3^2, 2^{18}\})$	24
18	$\mathcal{O}(0; \{9^2, 3^5, 2^{14}\})$	192
18	$\mathcal{O}(0; \{9^2, 3^8, 2^{10}\})$	1536
18	$\mathcal{O}(0; \{9^2, 3^{11}, 2^6\})$	12288
18	$\mathcal{O}(0; \{9^2, 3^{14}, 2^2\})$	98304
18	$\mathcal{O}(0; \{9^2, 6, 2^{19}\})$	12
18	$\mathcal{O}(0; \{9^2, 6, 3^3, 2^{15}\})$	96

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{9^2, 6, 3^6, 2^{11}\})$	768
18	$\mathcal{O}(0; \{9^2, 6, 3^9, 2^7\})$	6144
18	$\mathcal{O}(0; \{9^2, 6, 3^{12}, 2^3\})$	49152
18	$\mathcal{O}(0; \{9^2, 6^2, 3, 2^{16}\})$	48
18	$\mathcal{O}(0; \{9^2, 6^2, 3^4, 2^{12}\})$	384
18	$\mathcal{O}(0; \{9^2, 6^2, 3^7, 2^8\})$	3072
18	$\mathcal{O}(0; \{9^2, 6^2, 3^{10}, 2^4\})$	24576
18	$\mathcal{O}(0; \{9^2, 6^2, 3^{13}\})$	196608
18	$\mathcal{O}(0; \{9^2, 6^3, 3^2, 2^{13}\})$	192
18	$\mathcal{O}(0; \{9^2, 6^3, 3^5, 2^9\})$	1536
18	$\mathcal{O}(0; \{9^2, 6^3, 3^8, 2^5\})$	12288
18	$\mathcal{O}(0; \{9^2, 6^3, 3^{11}, 2\})$	98304
18	$\mathcal{O}(0; \{9^2, 6^4, 2^{14}\})$	96
18	$\mathcal{O}(0; \{9^2, 6^4, 3^3, 2^{10}\})$	768
18	$\mathcal{O}(0; \{9^2, 6^4, 3^6, 2^6\})$	6144
18	$\mathcal{O}(0; \{9^2, 6^4, 3^9, 2^2\})$	49152
18	$\mathcal{O}(0; \{9^2, 6^5, 3, 2^{11}\})$	384
18	$\mathcal{O}(0; \{9^2, 6^5, 3^4, 2^7\})$	3072
18	$\mathcal{O}(0; \{9^2, 6^5, 3^7, 2^3\})$	24576
18	$\mathcal{O}(0; \{9^2, 6^6, 3^2, 2^8\})$	1536
18	$\mathcal{O}(0; \{9^2, 6^6, 3^5, 2^4\})$	12288
18	$\mathcal{O}(0; \{9^2, 6^6, 3^8\})$	98304
18	$\mathcal{O}(0; \{9^2, 6^7, 2^9\})$	768
18	$\mathcal{O}(0; \{9^2, 6^7, 3^3, 2^5\})$	6144
18	$\mathcal{O}(0; \{9^2, 6^7, 3^6, 2\})$	49152
18	$\mathcal{O}(0; \{9^2, 6^8, 3, 2^6\})$	3072
18	$\mathcal{O}(0; \{9^2, 6^8, 3^4, 2^2\})$	24576
18	$\mathcal{O}(0; \{9^2, 6^9, 3^2, 2^3\})$	12288
18	$\mathcal{O}(0; \{9^2, 6^{10}, 2^4\})$	6144
18	$\mathcal{O}(0; \{9^2, 6^{10}, 3^3\})$	49152
18	$\mathcal{O}(0; \{9^2, 6^{11}, 3, 2\})$	24576
18	$\mathcal{O}(0; \{9^5, 3, 2^{14}\})$	1620
18	$\mathcal{O}(0; \{9^5, 3^4, 2^{10}\})$	12960
18	$\mathcal{O}(0; \{9^5, 3^7, 2^6\})$	103680
18	$\mathcal{O}(0; \{9^5, 3^{10}, 2^2\})$	829440
18	$\mathcal{O}(0; \{9^5, 6, 3^2, 2^{11}\})$	6480
18	$\mathcal{O}(0; \{9^5, 6, 3^5, 2^7\})$	51840
18	$\mathcal{O}(0; \{9^5, 6, 3^8, 2^3\})$	414720
18	$\mathcal{O}(0; \{9^5, 6^2, 2^{12}\})$	3240
18	$\mathcal{O}(0; \{9^5, 6^2, 3^3, 2^8\})$	25920
18	$\mathcal{O}(0; \{9^5, 6^2, 3^6, 2^4\})$	207360
18	$\mathcal{O}(0; \{9^5, 6^2, 3^9\})$	1658880
18	$\mathcal{O}(0; \{9^5, 6^3, 3, 2^9\})$	12960

Continued on next page

Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{9^5, 6^3, 3^4, 2^5\})$	103680
18	$\mathcal{O}(0; \{9^5, 6^3, 3^7, 2\})$	829440
18	$\mathcal{O}(0; \{9^5, 6^4, 3^2, 2^6\})$	51840
18	$\mathcal{O}(0; \{9^5, 6^4, 3^5, 2^2\})$	414720
18	$\mathcal{O}(0; \{9^5, 6^5, 2^7\})$	25920
18	$\mathcal{O}(0; \{9^5, 6^5, 3^3, 2^3\})$	207360
18	$\mathcal{O}(0; \{9^5, 6^6, 3, 2^4\})$	103680
18	$\mathcal{O}(0; \{9^5, 6^6, 3^4\})$	829440
18	$\mathcal{O}(0; \{9^5, 6^7, 3^2, 2\})$	414720
18	$\mathcal{O}(0; \{9^5, 6^8, 2^2\})$	207360
18	$\mathcal{O}(0; \{9^8, 2^{10}\})$	188082
18	$\mathcal{O}(0; \{9^8, 3^3, 2^6\})$	1504656
18	$\mathcal{O}(0; \{9^8, 3^6, 2^2\})$	12037248
18	$\mathcal{O}(0; \{9^8, 6, 3, 2^7\})$	752328
18	$\mathcal{O}(0; \{9^8, 6, 3^4, 2^3\})$	6018624
18	$\mathcal{O}(0; \{9^8, 6^2, 3^2, 2^4\})$	3009312
18	$\mathcal{O}(0; \{9^8, 6^2, 3^5\})$	24074496
18	$\mathcal{O}(0; \{9^8, 6^3, 2^5\})$	1504656
18	$\mathcal{O}(0; \{9^8, 6^3, 3^3, 2\})$	12037248
18	$\mathcal{O}(0; \{9^8, 6^4, 3, 2^2\})$	6018624
18	$\mathcal{O}(0; \{9^8, 6^6\})$	12037248
18	$\mathcal{O}(0; \{9^{11}, 3^2, 2^2\})$	161085672
18	$\mathcal{O}(0; \{9^{11}, 6, 2^3\})$	80542836
18	$\mathcal{O}(0; \{9^{11}, 6^2, 3\})$	322171344
18	$\mathcal{O}(0; \{18, 9^3, 2^{17}\})$	162
18	$\mathcal{O}(0; \{18, 9^3, 3^3, 2^{13}\})$	1296
18	$\mathcal{O}(0; \{18, 9^3, 3^6, 2^9\})$	10368
18	$\mathcal{O}(0; \{18, 9^3, 3^9, 2^5\})$	82944
18	$\mathcal{O}(0; \{18, 9^3, 3^{12}, 2\})$	663552
18	$\mathcal{O}(0; \{18, 9^3, 6, 3, 2^{14}\})$	648
18	$\mathcal{O}(0; \{18, 9^3, 6, 3^4, 2^{10}\})$	5184
18	$\mathcal{O}(0; \{18, 9^3, 6, 3^7, 2^6\})$	41472
18	$\mathcal{O}(0; \{18, 9^3, 6, 3^{10}, 2^2\})$	331776
18	$\mathcal{O}(0; \{18, 9^3, 6^2, 3^2, 2^{11}\})$	2592
18	$\mathcal{O}(0; \{18, 9^3, 6^2, 3^5, 2^7\})$	20736
18	$\mathcal{O}(0; \{18, 9^3, 6^2, 3^8, 2^3\})$	165888
18	$\mathcal{O}(0; \{18, 9^3, 6^3, 2^{12}\})$	1296
18	$\mathcal{O}(0; \{18, 9^3, 6^3, 3^3, 2^8\})$	10368
18	$\mathcal{O}(0; \{18, 9^3, 6^3, 3^6, 2^4\})$	82944
18	$\mathcal{O}(0; \{18, 9^3, 6^3, 3^9\})$	663552
18	$\mathcal{O}(0; \{18, 9^3, 6^4, 3, 2^9\})$	5184
18	$\mathcal{O}(0; \{18, 9^3, 6^4, 3^4, 2^5\})$	41472
18	$\mathcal{O}(0; \{18, 9^3, 6^4, 3^7, 2\})$	331776

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18, 9^3, 6^5, 3^2, 2^6\})$	20736
18	$\mathcal{O}(0; \{18, 9^3, 6^5, 3^5, 2^2\})$	165888
18	$\mathcal{O}(0; \{18, 9^3, 6^6, 2^7\})$	10368
18	$\mathcal{O}(0; \{18, 9^3, 6^6, 3^3, 2^3\})$	82944
18	$\mathcal{O}(0; \{18, 9^3, 6^7, 3, 2^4\})$	41472
18	$\mathcal{O}(0; \{18, 9^3, 6^7, 3^4\})$	331776
18	$\mathcal{O}(0; \{18, 9^3, 6^8, 3^2, 2\})$	165888
18	$\mathcal{O}(0; \{18, 9^3, 6^9, 2^2\})$	82944
18	$\mathcal{O}(0; \{18, 9^6, 3^2, 2^9\})$	122472
18	$\mathcal{O}(0; \{18, 9^6, 3^5, 2^5\})$	979776
18	$\mathcal{O}(0; \{18, 9^6, 3^8, 2\})$	7838208
18	$\mathcal{O}(0; \{18, 9^6, 6, 2^{10}\})$	61236
18	$\mathcal{O}(0; \{18, 9^6, 6, 3^3, 2^6\})$	489888
18	$\mathcal{O}(0; \{18, 9^6, 6, 3^6, 2^2\})$	3919104
18	$\mathcal{O}(0; \{18, 9^6, 6^2, 3, 2^7\})$	244944
18	$\mathcal{O}(0; \{18, 9^6, 6^2, 3^4, 2^3\})$	1959552
18	$\mathcal{O}(0; \{18, 9^6, 6^3, 3^2, 2^4\})$	979776
18	$\mathcal{O}(0; \{18, 9^6, 6^3, 3^5\})$	7838208
18	$\mathcal{O}(0; \{18, 9^6, 6^4, 2^5\})$	489888
18	$\mathcal{O}(0; \{18, 9^6, 6^4, 3^3, 2\})$	3919104
18	$\mathcal{O}(0; \{18, 9^6, 6^5, 3, 2^2\})$	1959552
18	$\mathcal{O}(0; \{18, 9^6, 6^7\})$	3919104
18	$\mathcal{O}(0; \{18, 9^9, 3, 2^5\})$	13463172
18	$\mathcal{O}(0; \{18, 9^9, 3^4, 2\})$	107705376
18	$\mathcal{O}(0; \{18, 9^9, 6, 3^2, 2^2\})$	53852688
18	$\mathcal{O}(0; \{18, 9^9, 6^2, 2^3\})$	26926344
18	$\mathcal{O}(0; \{18, 9^9, 6^3, 3\})$	107705376
18	$\mathcal{O}(0; \{18, 9^{12}, 2\})$	1450833930
18	$\mathcal{O}(0; \{18^2, 9, 3^2, 2^{16}\})$	72
18	$\mathcal{O}(0; \{18^2, 9, 3^5, 2^{12}\})$	576
18	$\mathcal{O}(0; \{18^2, 9, 3^8, 2^8\})$	4608
18	$\mathcal{O}(0; \{18^2, 9, 3^{11}, 2^4\})$	36864
18	$\mathcal{O}(0; \{18^2, 9, 3^{14}\})$	294912
18	$\mathcal{O}(0; \{18^2, 9, 6, 2^{17}\})$	36
18	$\mathcal{O}(0; \{18^2, 9, 6, 3^3, 2^{13}\})$	288
18	$\mathcal{O}(0; \{18^2, 9, 6, 3^6, 2^9\})$	2304
18	$\mathcal{O}(0; \{18^2, 9, 6, 3^9, 2^5\})$	18432
18	$\mathcal{O}(0; \{18^2, 9, 6, 3^{12}, 2\})$	147456
18	$\mathcal{O}(0; \{18^2, 9, 6^2, 3, 2^{14}\})$	144
18	$\mathcal{O}(0; \{18^2, 9, 6^2, 3^4, 2^{10}\})$	1152
18	$\mathcal{O}(0; \{18^2, 9, 6^2, 3^7, 2^6\})$	9216
18	$\mathcal{O}(0; \{18^2, 9, 6^2, 3^{10}, 2^2\})$	73728
18	$\mathcal{O}(0; \{18^2, 9, 6^3, 3^2, 2^{11}\})$	576

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^2, 9, 6^3, 3^5, 2^7\})$	4608
18	$\mathcal{O}(0; \{18^2, 9, 6^3, 3^8, 2^3\})$	36864
18	$\mathcal{O}(0; \{18^2, 9, 6^4, 2^{12}\})$	288
18	$\mathcal{O}(0; \{18^2, 9, 6^4, 3^3, 2^8\})$	2304
18	$\mathcal{O}(0; \{18^2, 9, 6^4, 3^6, 2^4\})$	18432
18	$\mathcal{O}(0; \{18^2, 9, 6^4, 3^9\})$	147456
18	$\mathcal{O}(0; \{18^2, 9, 6^5, 3, 2^9\})$	1152
18	$\mathcal{O}(0; \{18^2, 9, 6^5, 3^4, 2^5\})$	9216
18	$\mathcal{O}(0; \{18^2, 9, 6^5, 3^7, 2\})$	73728
18	$\mathcal{O}(0; \{18^2, 9, 6^6, 3^2, 2^6\})$	4608
18	$\mathcal{O}(0; \{18^2, 9, 6^6, 3^5, 2^2\})$	36864
18	$\mathcal{O}(0; \{18^2, 9, 6^7, 2^7\})$	2304
18	$\mathcal{O}(0; \{18^2, 9, 6^7, 3^3, 2^3\})$	18432
18	$\mathcal{O}(0; \{18^2, 9, 6^8, 3, 2^4\})$	9216
18	$\mathcal{O}(0; \{18^2, 9, 6^8, 3^4\})$	73728
18	$\mathcal{O}(0; \{18^2, 9, 6^9, 3^2, 2\})$	36864
18	$\mathcal{O}(0; \{18^2, 9, 6^{10}, 2^2\})$	18432
18	$\mathcal{O}(0; \{18^2, 9^4, 3, 2^{12}\})$	10692
18	$\mathcal{O}(0; \{18^2, 9^4, 3^4, 2^8\})$	85536
18	$\mathcal{O}(0; \{18^2, 9^4, 3^7, 2^4\})$	684288
18	$\mathcal{O}(0; \{18^2, 9^4, 3^{10}\})$	5474304
18	$\mathcal{O}(0; \{18^2, 9^4, 6, 3^2, 2^9\})$	42768
18	$\mathcal{O}(0; \{18^2, 9^4, 6, 3^5, 2^5\})$	342144
18	$\mathcal{O}(0; \{18^2, 9^4, 6, 3^8, 2\})$	2737152
18	$\mathcal{O}(0; \{18^2, 9^4, 6^2, 2^{10}\})$	21384
18	$\mathcal{O}(0; \{18^2, 9^4, 6^2, 3^3, 2^6\})$	171072
18	$\mathcal{O}(0; \{18^2, 9^4, 6^2, 3^6, 2^2\})$	1368576
18	$\mathcal{O}(0; \{18^2, 9^4, 6^3, 3, 2^7\})$	85536
18	$\mathcal{O}(0; \{18^2, 9^4, 6^3, 3^4, 2^3\})$	684288
18	$\mathcal{O}(0; \{18^2, 9^4, 6^4, 3^2, 2^4\})$	342144
18	$\mathcal{O}(0; \{18^2, 9^4, 6^4, 3^5\})$	2737152
18	$\mathcal{O}(0; \{18^2, 9^4, 6^5, 2^5\})$	171072
18	$\mathcal{O}(0; \{18^2, 9^4, 6^5, 3^3, 2\})$	1368576
18	$\mathcal{O}(0; \{18^2, 9^4, 6^6, 3, 2^2\})$	684288
18	$\mathcal{O}(0; \{18^2, 9^4, 6^8\})$	1368576
18	$\mathcal{O}(0; \{18^2, 9^7, 2^8\})$	1115370
18	$\mathcal{O}(0; \{18^2, 9^7, 3^3, 2^4\})$	8922960
18	$\mathcal{O}(0; \{18^2, 9^7, 3^6\})$	71383680
18	$\mathcal{O}(0; \{18^2, 9^7, 6, 3, 2^5\})$	4461480
18	$\mathcal{O}(0; \{18^2, 9^7, 6, 3^4, 2\})$	35691840
18	$\mathcal{O}(0; \{18^2, 9^7, 6^2, 3^2, 2^2\})$	17845920
18	$\mathcal{O}(0; \{18^2, 9^7, 6^3, 2^3\})$	8922960
18	$\mathcal{O}(0; \{18^2, 9^7, 6^4, 3\})$	35691840

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^2, 9^{10}, 3^2\})$	967931208
18	$\mathcal{O}(0; \{18^2, 9^{10}, 6, 2\})$	483965604
18	$\mathcal{O}(0; \{18^3, 9^2, 2^{15}\})$	810
18	$\mathcal{O}(0; \{18^3, 9^2, 3^3, 2^{11}\})$	6480
18	$\mathcal{O}(0; \{18^3, 9^2, 3^6, 2^7\})$	51840
18	$\mathcal{O}(0; \{18^3, 9^2, 3^9, 2^3\})$	414720
18	$\mathcal{O}(0; \{18^3, 9^2, 6, 3, 2^{12}\})$	3240
18	$\mathcal{O}(0; \{18^3, 9^2, 6, 3^4, 2^8\})$	25920
18	$\mathcal{O}(0; \{18^3, 9^2, 6, 3^7, 2^4\})$	207360
18	$\mathcal{O}(0; \{18^3, 9^2, 6, 3^{10}\})$	1658880
18	$\mathcal{O}(0; \{18^3, 9^2, 6^2, 3^2, 2^9\})$	12960
18	$\mathcal{O}(0; \{18^3, 9^2, 6^2, 3^5, 2^5\})$	103680
18	$\mathcal{O}(0; \{18^3, 9^2, 6^2, 3^8, 2\})$	829440
18	$\mathcal{O}(0; \{18^3, 9^2, 6^3, 2^{10}\})$	6480
18	$\mathcal{O}(0; \{18^3, 9^2, 6^3, 3^3, 2^6\})$	51840
18	$\mathcal{O}(0; \{18^3, 9^2, 6^3, 3^6, 2^2\})$	414720
18	$\mathcal{O}(0; \{18^3, 9^2, 6^4, 3, 2^7\})$	25920
18	$\mathcal{O}(0; \{18^3, 9^2, 6^4, 3^4, 2^3\})$	207360
18	$\mathcal{O}(0; \{18^3, 9^2, 6^5, 3^2, 2^4\})$	103680
18	$\mathcal{O}(0; \{18^3, 9^2, 6^5, 3^5\})$	829440
18	$\mathcal{O}(0; \{18^3, 9^2, 6^6, 2^5\})$	51840
18	$\mathcal{O}(0; \{18^3, 9^2, 6^6, 3^3, 2\})$	414720
18	$\mathcal{O}(0; \{18^3, 9^2, 6^7, 3, 2^2\})$	207360
18	$\mathcal{O}(0; \{18^3, 9^2, 6^9\})$	414720
18	$\mathcal{O}(0; \{18^3, 9^5, 3^2, 2^7\})$	752328
18	$\mathcal{O}(0; \{18^3, 9^5, 3^5, 2^3\})$	6018624
18	$\mathcal{O}(0; \{18^3, 9^5, 6, 2^8\})$	376164
18	$\mathcal{O}(0; \{18^3, 9^5, 6, 3^3, 2^4\})$	3009312
18	$\mathcal{O}(0; \{18^3, 9^5, 6, 3^6\})$	24074496
18	$\mathcal{O}(0; \{18^3, 9^5, 6^2, 3, 2^5\})$	1504656
18	$\mathcal{O}(0; \{18^3, 9^5, 6^2, 3^4, 2\})$	12037248
18	$\mathcal{O}(0; \{18^3, 9^5, 6^3, 3^2, 2^2\})$	6018624
18	$\mathcal{O}(0; \{18^3, 9^5, 6^4, 2^3\})$	3009312
18	$\mathcal{O}(0; \{18^3, 9^5, 6^5, 3\})$	12037248
18	$\mathcal{O}(0; \{18^3, 9^8, 3, 2^3\})$	80542836
18	$\mathcal{O}(0; \{18^3, 9^8, 6, 3^2\})$	322171344
18	$\mathcal{O}(0; \{18^3, 9^8, 6^2, 2\})$	161085672
18	$\mathcal{O}(0; \{18^4, 3^2, 2^{14}\})$	648
18	$\mathcal{O}(0; \{18^4, 3^5, 2^{10}\})$	5184
18	$\mathcal{O}(0; \{18^4, 3^8, 2^6\})$	41472
18	$\mathcal{O}(0; \{18^4, 3^{11}, 2^2\})$	331776
18	$\mathcal{O}(0; \{18^4, 6, 2^{15}\})$	324
18	$\mathcal{O}(0; \{18^4, 6, 3^3, 2^{11}\})$	2592

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^4, 6, 3^6, 2^7\})$	20736
18	$\mathcal{O}(0; \{18^4, 6, 3^9, 2^3\})$	165888
18	$\mathcal{O}(0; \{18^4, 6^2, 3, 2^{12}\})$	1296
18	$\mathcal{O}(0; \{18^4, 6^2, 3^4, 2^8\})$	10368
18	$\mathcal{O}(0; \{18^4, 6^2, 3^7, 2^4\})$	82944
18	$\mathcal{O}(0; \{18^4, 6^2, 3^{10}\})$	663552
18	$\mathcal{O}(0; \{18^4, 6^3, 3^2, 2^9\})$	5184
18	$\mathcal{O}(0; \{18^4, 6^3, 3^5, 2^5\})$	41472
18	$\mathcal{O}(0; \{18^4, 6^3, 3^8, 2\})$	331776
18	$\mathcal{O}(0; \{18^4, 6^4, 2^{10}\})$	2592
18	$\mathcal{O}(0; \{18^4, 6^4, 3^3, 2^6\})$	20736
18	$\mathcal{O}(0; \{18^4, 6^4, 3^6, 2^2\})$	165888
18	$\mathcal{O}(0; \{18^4, 6^5, 3, 2^7\})$	10368
18	$\mathcal{O}(0; \{18^4, 6^5, 3^4, 2^3\})$	82944
18	$\mathcal{O}(0; \{18^4, 6^6, 3^2, 2^4\})$	41472
18	$\mathcal{O}(0; \{18^4, 6^6, 3^5\})$	331776
18	$\mathcal{O}(0; \{18^4, 6^7, 2^5\})$	20736
18	$\mathcal{O}(0; \{18^4, 6^7, 3^3, 2\})$	165888
18	$\mathcal{O}(0; \{18^4, 6^8, 3, 2^2\})$	82944
18	$\mathcal{O}(0; \{18^4, 6^{10}\})$	165888
18	$\mathcal{O}(0; \{18^4, 9^3, 3, 2^{10}\})$	61236
18	$\mathcal{O}(0; \{18^4, 9^3, 3^4, 2^6\})$	489888
18	$\mathcal{O}(0; \{18^4, 9^3, 3^7, 2^2\})$	3919104
18	$\mathcal{O}(0; \{18^4, 9^3, 6, 3^2, 2^7\})$	244944
18	$\mathcal{O}(0; \{18^4, 9^3, 6, 3^5, 2^3\})$	1959552
18	$\mathcal{O}(0; \{18^4, 9^3, 6^2, 2^8\})$	122472
18	$\mathcal{O}(0; \{18^4, 9^3, 6^2, 3^3, 2^4\})$	979776
18	$\mathcal{O}(0; \{18^4, 9^3, 6^2, 3^6\})$	7838208
18	$\mathcal{O}(0; \{18^4, 9^3, 6^3, 3, 2^5\})$	489888
18	$\mathcal{O}(0; \{18^4, 9^3, 6^3, 3^4, 2\})$	3919104
18	$\mathcal{O}(0; \{18^4, 9^3, 6^4, 3^2, 2^2\})$	1959552
18	$\mathcal{O}(0; \{18^4, 9^3, 6^5, 2^3\})$	979776
18	$\mathcal{O}(0; \{18^4, 9^3, 6^6, 3\})$	3919104
18	$\mathcal{O}(0; \{18^4, 9^6, 2^6\})$	6731586
18	$\mathcal{O}(0; \{18^4, 9^6, 3^3, 2^2\})$	53852688
18	$\mathcal{O}(0; \{18^4, 9^6, 6, 3, 2^3\})$	26926344
18	$\mathcal{O}(0; \{18^4, 9^6, 6^2, 3^2\})$	107705376
18	$\mathcal{O}(0; \{18^4, 9^6, 6^3, 2\})$	53852688
18	$\mathcal{O}(0; \{18^5, 9, 2^{13}\})$	5346
18	$\mathcal{O}(0; \{18^5, 9, 3^3, 2^9\})$	42768
18	$\mathcal{O}(0; \{18^5, 9, 3^6, 2^5\})$	342144
18	$\mathcal{O}(0; \{18^5, 9, 3^9, 2\})$	2737152
18	$\mathcal{O}(0; \{18^5, 9, 6, 3, 2^{10}\})$	21384

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^5, 9, 6, 3^4, 2^6\})$	171072
18	$\mathcal{O}(0; \{18^5, 9, 6, 3^7, 2^2\})$	1368576
18	$\mathcal{O}(0; \{18^5, 9, 6^2, 3^2, 2^7\})$	85536
18	$\mathcal{O}(0; \{18^5, 9, 6^2, 3^5, 2^3\})$	684288
18	$\mathcal{O}(0; \{18^5, 9, 6^3, 2^8\})$	42768
18	$\mathcal{O}(0; \{18^5, 9, 6^3, 3^3, 2^4\})$	342144
18	$\mathcal{O}(0; \{18^5, 9, 6^3, 3^6\})$	2737152
18	$\mathcal{O}(0; \{18^5, 9, 6^4, 3, 2^5\})$	171072
18	$\mathcal{O}(0; \{18^5, 9, 6^4, 3^4, 2\})$	1368576
18	$\mathcal{O}(0; \{18^5, 9, 6^5, 3^2, 2^2\})$	684288
18	$\mathcal{O}(0; \{18^5, 9, 6^6, 2^3\})$	342144
18	$\mathcal{O}(0; \{18^5, 9, 6^7, 3\})$	1368576
18	$\mathcal{O}(0; \{18^5, 9^4, 3^2, 2^5\})$	4461480
18	$\mathcal{O}(0; \{18^5, 9^4, 3^5, 2\})$	35691840
18	$\mathcal{O}(0; \{18^5, 9^4, 6, 2^6\})$	2230740
18	$\mathcal{O}(0; \{18^5, 9^4, 6, 3^3, 2^2\})$	17845920
18	$\mathcal{O}(0; \{18^5, 9^4, 6^2, 3, 2^3\})$	8922960
18	$\mathcal{O}(0; \{18^5, 9^4, 6^3, 3^2\})$	35691840
18	$\mathcal{O}(0; \{18^5, 9^4, 6^4, 2\})$	17845920
18	$\mathcal{O}(0; \{18^5, 9^7, 3, 2\})$	483965604
18	$\mathcal{O}(0; \{18^6, 9^2, 3, 2^8\})$	376164
18	$\mathcal{O}(0; \{18^6, 9^2, 3^4, 2^4\})$	3009312
18	$\mathcal{O}(0; \{18^6, 9^2, 3^7\})$	24074496
18	$\mathcal{O}(0; \{18^6, 9^2, 6, 3^2, 2^5\})$	1504656
18	$\mathcal{O}(0; \{18^6, 9^2, 6, 3^5, 2\})$	12037248
18	$\mathcal{O}(0; \{18^6, 9^2, 6^2, 2^6\})$	752328
18	$\mathcal{O}(0; \{18^6, 9^2, 6^2, 3^3, 2^2\})$	6018624
18	$\mathcal{O}(0; \{18^6, 9^2, 6^3, 3, 2^3\})$	3009312
18	$\mathcal{O}(0; \{18^6, 9^2, 6^4, 3^2\})$	12037248
18	$\mathcal{O}(0; \{18^6, 9^2, 6^5, 2\})$	6018624
18	$\mathcal{O}(0; \{18^6, 9^5, 2^4\})$	40271418
18	$\mathcal{O}(0; \{18^6, 9^5, 3^3\})$	322171344
18	$\mathcal{O}(0; \{18^6, 9^5, 6, 3, 2\})$	161085672
18	$\mathcal{O}(0; \{18^7, 2^{11}\})$	30618
18	$\mathcal{O}(0; \{18^7, 3^3, 2^7\})$	244944
18	$\mathcal{O}(0; \{18^7, 3^6, 2^3\})$	1959552
18	$\mathcal{O}(0; \{18^7, 6, 3, 2^8\})$	122472
18	$\mathcal{O}(0; \{18^7, 6, 3^4, 2^4\})$	979776
18	$\mathcal{O}(0; \{18^7, 6, 3^7\})$	7838208
18	$\mathcal{O}(0; \{18^7, 6^2, 3^2, 2^5\})$	489888
18	$\mathcal{O}(0; \{18^7, 6^2, 3^5, 2\})$	3919104
18	$\mathcal{O}(0; \{18^7, 6^3, 2^6\})$	244944
18	$\mathcal{O}(0; \{18^7, 6^3, 3^3, 2^2\})$	1959552

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^7, 6^4, 3, 2^3\})$	979776
18	$\mathcal{O}(0; \{18^7, 6^5, 3^2\})$	3919104
18	$\mathcal{O}(0; \{18^7, 6^6, 2\})$	1959552
18	$\mathcal{O}(0; \{18^7, 9^3, 3^2, 2^3\})$	26926344
18	$\mathcal{O}(0; \{18^7, 9^3, 6, 2^4\})$	13463172
18	$\mathcal{O}(0; \{18^7, 9^3, 6, 3^3\})$	107705376
18	$\mathcal{O}(0; \{18^7, 9^3, 6^2, 3, 2\})$	53852688
18	$\mathcal{O}(0; \{18^8, 9, 3, 2^6\})$	2230740
18	$\mathcal{O}(0; \{18^8, 9, 3^4, 2^2\})$	17845920
18	$\mathcal{O}(0; \{18^8, 9, 6, 3^2, 2^3\})$	8922960
18	$\mathcal{O}(0; \{18^8, 9, 6^2, 2^4\})$	4461480
18	$\mathcal{O}(0; \{18^8, 9, 6^2, 3^3\})$	35691840
18	$\mathcal{O}(0; \{18^8, 9, 6^3, 3, 2\})$	17845920
18	$\mathcal{O}(0; \{18^8, 9^4, 2^2\})$	241982802
18	$\mathcal{O}(0; \{18^9, 9^2, 3^2, 2\})$	161085672
18	$\mathcal{O}(0; \{18^9, 9^2, 6, 2^2\})$	80542836
18	$\mathcal{O}(0; \{18^{10}, 3, 2^4\})$	13463172
18	$\mathcal{O}(0; \{18^{10}, 3^4\})$	107705376
18	$\mathcal{O}(0; \{18^{10}, 6, 3^2, 2\})$	53852688
18	$\mathcal{O}(0; \{18^{10}, 6^2, 2^2\})$	26926344
18	$\mathcal{O}(0; \{18^{10}, 9^3\})$	1450833930
18	$\mathcal{O}(0; \{18^{11}, 9, 6\})$	483965604
19	$\mathcal{O}(2; \{19^8\})$	75585909714246
20	$\mathcal{O}(4; \{5^2, 4^2\})$	204800000000
20	$\mathcal{O}(4; \{20, 10, 4, 2\})$	204800000000
20	$\mathcal{O}(3; \{5^2, 4^2, 2^4\})$	512000000
20	$\mathcal{O}(3; \{5^2, 4^4, 2\})$	2048000000
20	$\mathcal{O}(3; \{10^2, 5, 4^2, 2^2\})$	1536000000
20	$\mathcal{O}(3; \{10^4, 4^2\})$	6656000000
20	$\mathcal{O}(3; \{20, 5^3, 4, 2^2\})$	6656000000
20	$\mathcal{O}(3; \{20, 10, 4, 2^5\})$	512000000
20	$\mathcal{O}(3; \{20, 10, 4^3, 2^2\})$	2048000000
20	$\mathcal{O}(3; \{20, 10^2, 5^2, 4\})$	26112000000
20	$\mathcal{O}(3; \{20^2, 5^4\})$	104960000000
20	$\mathcal{O}(3; \{20^2, 10, 5, 2^3\})$	6656000000
20	$\mathcal{O}(3; \{20^2, 10, 5, 4^2\})$	26624000000
20	$\mathcal{O}(3; \{20^2, 10^3, 2\})$	26112000000
20	$\mathcal{O}(3; \{20^3, 4, 2^3\})$	6144000000
20	$\mathcal{O}(3; \{20^3, 4^3\})$	24576000000
20	$\mathcal{O}(3; \{20^4, 5, 2\})$	104448000000
20	$\mathcal{O}(2; \{5^2, 4^2, 2^8\})$	1280000
20	$\mathcal{O}(2; \{5^2, 4^4, 2^5\})$	5120000
20	$\mathcal{O}(2; \{5^2, 4^6, 2^2\})$	20480000

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(2; \{5^7, 4^2\})$	1048320000
20	$\mathcal{O}(2; \{10, 5^4, 4^2, 2^3\})$	65280000
20	$\mathcal{O}(2; \{10, 5^4, 4^4\})$	261120000
20	$\mathcal{O}(2; \{10^2, 5, 4^2, 2^6\})$	3840000
20	$\mathcal{O}(2; \{10^2, 5, 4^4, 2^3\})$	15360000
20	$\mathcal{O}(2; \{10^2, 5, 4^6\})$	61440000
20	$\mathcal{O}(2; \{10^3, 5^3, 4^2, 2\})$	262400000
20	$\mathcal{O}(2; \{10^4, 4^2, 2^4\})$	16640000
20	$\mathcal{O}(2; \{10^4, 4^4, 2\})$	66560000
20	$\mathcal{O}(2; \{20, 5^3, 4, 2^6\})$	16640000
20	$\mathcal{O}(2; \{20, 5^3, 4^3, 2^3\})$	66560000
20	$\mathcal{O}(2; \{20, 5^3, 4^5\})$	266240000
20	$\mathcal{O}(2; \{20, 10, 4, 2^9\})$	1280000
20	$\mathcal{O}(2; \{20, 10, 4^3, 2^6\})$	5120000
20	$\mathcal{O}(2; \{20, 10, 4^5, 2^3\})$	20480000
20	$\mathcal{O}(2; \{20, 10, 4^7\})$	81920000
20	$\mathcal{O}(2; \{20, 10, 5^5, 4, 2\})$	1048320000
20	$\mathcal{O}(2; \{20, 10^2, 5^2, 4, 2^4\})$	65280000
20	$\mathcal{O}(2; \{20, 10^2, 5^2, 4^3, 2\})$	261120000
20	$\mathcal{O}(2; \{20, 10^4, 5, 4, 2^2\})$	262400000
20	$\mathcal{O}(2; \{20, 10^6, 4\})$	1048320000
20	$\mathcal{O}(2; \{20^2, 5^4, 2^4\})$	262400000
20	$\mathcal{O}(2; \{20^2, 5^4, 4^2, 2\})$	1049600000
20	$\mathcal{O}(2; \{20^2, 10, 5, 2^7\})$	16640000
20	$\mathcal{O}(2; \{20^2, 10, 5, 4^2, 2^4\})$	66560000
20	$\mathcal{O}(2; \{20^2, 10, 5, 4^4, 2\})$	266240000
20	$\mathcal{O}(2; \{20^2, 10^2, 5^3, 2^2\})$	1048320000
20	$\mathcal{O}(2; \{20^2, 10^3, 2^5\})$	65280000
20	$\mathcal{O}(2; \{20^2, 10^3, 4^2, 2^2\})$	261120000
20	$\mathcal{O}(2; \{20^2, 10^4, 5^2\})$	4194560000
20	$\mathcal{O}(2; \{20^3, 4, 2^7\})$	15360000
20	$\mathcal{O}(2; \{20^3, 4^3, 2^4\})$	61440000
20	$\mathcal{O}(2; \{20^3, 4^5, 2\})$	245760000
20	$\mathcal{O}(2; \{20^3, 10, 5^2, 4, 2^2\})$	1049600000
20	$\mathcal{O}(2; \{20^3, 10^3, 5, 4\})$	4193280000
20	$\mathcal{O}(2; \{20^4, 5, 2^5\})$	261120000
20	$\mathcal{O}(2; \{20^4, 5, 4^2, 2^2\})$	1044480000
20	$\mathcal{O}(2; \{20^4, 10, 5^3\})$	16778240000
20	$\mathcal{O}(2; \{20^4, 10^2, 2^3\})$	1049600000
20	$\mathcal{O}(2; \{20^4, 10^2, 4^2\})$	4198400000
20	$\mathcal{O}(2; \{20^5, 5^2, 4\})$	16773120000
20	$\mathcal{O}(2; \{20^6, 10, 2\})$	16773120000
20	$\mathcal{O}(1; \{5^2, 4^2, 2^{12}\})$	3200

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{5^2, 4^4, 2^9\})$	12800
20	$\mathcal{O}(1; \{5^2, 4^6, 2^6\})$	51200
20	$\mathcal{O}(1; \{5^2, 4^8, 2^3\})$	204800
20	$\mathcal{O}(1; \{5^2, 4^{10}\})$	819200
20	$\mathcal{O}(1; \{5^7, 4^2, 2^4\})$	2620800
20	$\mathcal{O}(1; \{5^7, 4^4, 2\})$	10483200
20	$\mathcal{O}(1; \{10, 5^4, 4^2, 2^7\})$	163200
20	$\mathcal{O}(1; \{10, 5^4, 4^4, 2^4\})$	652800
20	$\mathcal{O}(1; \{10, 5^4, 4^6, 2\})$	2611200
20	$\mathcal{O}(1; \{10^2, 5, 4^2, 2^{10}\})$	9600
20	$\mathcal{O}(1; \{10^2, 5, 4^4, 2^7\})$	38400
20	$\mathcal{O}(1; \{10^2, 5, 4^6, 2^4\})$	153600
20	$\mathcal{O}(1; \{10^2, 5, 4^8, 2\})$	614400
20	$\mathcal{O}(1; \{10^2, 5^6, 4^2, 2^2\})$	10486400
20	$\mathcal{O}(1; \{10^3, 5^3, 4^2, 2^5\})$	656000
20	$\mathcal{O}(1; \{10^3, 5^3, 4^4, 2^2\})$	2624000
20	$\mathcal{O}(1; \{10^4, 4^2, 2^8\})$	41600
20	$\mathcal{O}(1; \{10^4, 4^4, 2^5\})$	166400
20	$\mathcal{O}(1; \{10^4, 4^6, 2^2\})$	665600
20	$\mathcal{O}(1; \{10^4, 5^5, 4^2\})$	41942400
20	$\mathcal{O}(1; \{10^5, 5^2, 4^2, 2^3\})$	2620800
20	$\mathcal{O}(1; \{10^5, 5^2, 4^4\})$	10483200
20	$\mathcal{O}(1; \{10^7, 5, 4^2, 2\})$	10486400
20	$\mathcal{O}(1; \{20, 5^3, 4, 2^{10}\})$	41600
20	$\mathcal{O}(1; \{20, 5^3, 4^3, 2^7\})$	166400
20	$\mathcal{O}(1; \{20, 5^3, 4^5, 2^4\})$	665600
20	$\mathcal{O}(1; \{20, 5^3, 4^7, 2\})$	2662400
20	$\mathcal{O}(1; \{20, 5^8, 4, 2^2\})$	41942400
20	$\mathcal{O}(1; \{20, 10, 4, 2^{13}\})$	3200
20	$\mathcal{O}(1; \{20, 10, 4^3, 2^{10}\})$	12800
20	$\mathcal{O}(1; \{20, 10, 4^5, 2^7\})$	51200
20	$\mathcal{O}(1; \{20, 10, 4^7, 2^4\})$	204800
20	$\mathcal{O}(1; \{20, 10, 4^9, 2\})$	819200
20	$\mathcal{O}(1; \{20, 10, 5^5, 4, 2^5\})$	2620800
20	$\mathcal{O}(1; \{20, 10, 5^5, 4^3, 2^2\})$	10483200
20	$\mathcal{O}(1; \{20, 10^2, 5^2, 4, 2^8\})$	163200
20	$\mathcal{O}(1; \{20, 10^2, 5^2, 4^3, 2^5\})$	652800
20	$\mathcal{O}(1; \{20, 10^2, 5^2, 4^5, 2^2\})$	2611200
20	$\mathcal{O}(1; \{20, 10^2, 5^7, 4\})$	167772800
20	$\mathcal{O}(1; \{20, 10^3, 5^4, 4, 2^3\})$	10486400
20	$\mathcal{O}(1; \{20, 10^3, 5^4, 4^3\})$	41945600
20	$\mathcal{O}(1; \{20, 10^4, 5, 4, 2^6\})$	656000
20	$\mathcal{O}(1; \{20, 10^4, 5, 4^3, 2^3\})$	2624000

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{20, 10^4, 5, 4^5\})$	10496000
20	$\mathcal{O}(1; \{20, 10^5, 5^3, 4, 2\})$	41942400
20	$\mathcal{O}(1; \{20, 10^6, 4, 2^4\})$	2620800
20	$\mathcal{O}(1; \{20, 10^6, 4^3, 2\})$	10483200
20	$\mathcal{O}(1; \{20^2, 5^4, 2^8\})$	656000
20	$\mathcal{O}(1; \{20^2, 5^4, 4^2, 2^5\})$	2624000
20	$\mathcal{O}(1; \{20^2, 5^4, 4^4, 2^2\})$	10496000
20	$\mathcal{O}(1; \{20^2, 5^9\})$	671088000
20	$\mathcal{O}(1; \{20^2, 10, 5, 2^{11}\})$	41600
20	$\mathcal{O}(1; \{20^2, 10, 5, 4^2, 2^8\})$	166400
20	$\mathcal{O}(1; \{20^2, 10, 5, 4^4, 2^5\})$	665600
20	$\mathcal{O}(1; \{20^2, 10, 5, 4^6, 2^2\})$	2662400
20	$\mathcal{O}(1; \{20^2, 10, 5^6, 2^3\})$	41942400
20	$\mathcal{O}(1; \{20^2, 10, 5^6, 4^2\})$	167769600
20	$\mathcal{O}(1; \{20^2, 10^2, 5^3, 2^6\})$	2620800
20	$\mathcal{O}(1; \{20^2, 10^2, 5^3, 4^2, 2^3\})$	10483200
20	$\mathcal{O}(1; \{20^2, 10^2, 5^3, 4^4\})$	41932800
20	$\mathcal{O}(1; \{20^2, 10^3, 2^9\})$	163200
20	$\mathcal{O}(1; \{20^2, 10^3, 4^2, 2^6\})$	652800
20	$\mathcal{O}(1; \{20^2, 10^3, 4^4, 2^3\})$	2611200
20	$\mathcal{O}(1; \{20^2, 10^3, 4^6\})$	10444800
20	$\mathcal{O}(1; \{20^2, 10^3, 5^5, 2\})$	167772800
20	$\mathcal{O}(1; \{20^2, 10^4, 5^2, 2^4\})$	10486400
20	$\mathcal{O}(1; \{20^2, 10^4, 5^2, 4^2, 2\})$	41945600
20	$\mathcal{O}(1; \{20^2, 10^6, 5, 2^2\})$	41942400
20	$\mathcal{O}(1; \{20^2, 10^8\})$	167772800
20	$\mathcal{O}(1; \{20^3, 4, 2^{11}\})$	38400
20	$\mathcal{O}(1; \{20^3, 4^3, 2^8\})$	153600
20	$\mathcal{O}(1; \{20^3, 4^5, 2^5\})$	614400
20	$\mathcal{O}(1; \{20^3, 4^7, 2^2\})$	2457600
20	$\mathcal{O}(1; \{20^3, 5^5, 4, 2^3\})$	41945600
20	$\mathcal{O}(1; \{20^3, 5^5, 4^3\})$	167782400
20	$\mathcal{O}(1; \{20^3, 10, 5^2, 4, 2^6\})$	2624000
20	$\mathcal{O}(1; \{20^3, 10, 5^2, 4^3, 2^3\})$	10496000
20	$\mathcal{O}(1; \{20^3, 10, 5^2, 4^5\})$	41984000
20	$\mathcal{O}(1; \{20^3, 10^2, 5^4, 4, 2\})$	167769600
20	$\mathcal{O}(1; \{20^3, 10^3, 5, 4, 2^4\})$	10483200
20	$\mathcal{O}(1; \{20^3, 10^3, 5, 4^3, 2\})$	41932800
20	$\mathcal{O}(1; \{20^3, 10^5, 4, 2^2\})$	41945600
20	$\mathcal{O}(1; \{20^4, 5, 2^9\})$	652800
20	$\mathcal{O}(1; \{20^4, 5, 4^2, 2^6\})$	2611200
20	$\mathcal{O}(1; \{20^4, 5, 4^4, 2^3\})$	10444800
20	$\mathcal{O}(1; \{20^4, 5, 4^6\})$	41779200

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{20^4, 5^6, 2\})$	671091200
20	$\mathcal{O}(1; \{20^4, 10, 5^3, 2^4\})$	41945600
20	$\mathcal{O}(1; \{20^4, 10, 5^3, 4^2, 2\})$	167782400
20	$\mathcal{O}(1; \{20^4, 10^2, 2^7\})$	2624000
20	$\mathcal{O}(1; \{20^4, 10^2, 4^2, 2^4\})$	10496000
20	$\mathcal{O}(1; \{20^4, 10^2, 4^4, 2\})$	41984000
20	$\mathcal{O}(1; \{20^4, 10^3, 5^2, 2^2\})$	167769600
20	$\mathcal{O}(1; \{20^4, 10^5, 5\})$	671091200
20	$\mathcal{O}(1; \{20^5, 5^2, 4, 2^4\})$	41932800
20	$\mathcal{O}(1; \{20^5, 5^2, 4^3, 2\})$	167731200
20	$\mathcal{O}(1; \{20^5, 10^2, 5, 4, 2^2\})$	167782400
20	$\mathcal{O}(1; \{20^5, 10^4, 4\})$	671078400
20	$\mathcal{O}(1; \{20^6, 5^3, 2^2\})$	671078400
20	$\mathcal{O}(1; \{20^6, 10, 2^5\})$	41932800
20	$\mathcal{O}(1; \{20^6, 10, 4^2, 2^2\})$	167731200
20	$\mathcal{O}(1; \{20^6, 10^2, 5^2\})$	2684364800
20	$\mathcal{O}(1; \{20^7, 10, 5, 4\})$	2684313600
20	$\mathcal{O}(1; \{20^8, 2^3\})$	671129600
20	$\mathcal{O}(1; \{20^8, 4^2\})$	2684518400
20	$\mathcal{O}(0; \{5^2, 4^2, 2^{16}\})$	8
20	$\mathcal{O}(0; \{5^2, 4^4, 2^{13}\})$	32
20	$\mathcal{O}(0; \{5^2, 4^6, 2^{10}\})$	128
20	$\mathcal{O}(0; \{5^2, 4^8, 2^7\})$	512
20	$\mathcal{O}(0; \{5^2, 4^{10}, 2^4\})$	2048
20	$\mathcal{O}(0; \{5^2, 4^{12}, 2\})$	8192
20	$\mathcal{O}(0; \{5^7, 4^2, 2^8\})$	6552
20	$\mathcal{O}(0; \{5^7, 4^4, 2^5\})$	26208
20	$\mathcal{O}(0; \{5^7, 4^6, 2^2\})$	104832
20	$\mathcal{O}(0; \{5^{12}, 4^2\})$	6710888
20	$\mathcal{O}(0; \{10, 5^4, 4^2, 2^{11}\})$	408
20	$\mathcal{O}(0; \{10, 5^4, 4^4, 2^8\})$	1632
20	$\mathcal{O}(0; \{10, 5^4, 4^6, 2^5\})$	6528
20	$\mathcal{O}(0; \{10, 5^4, 4^8, 2^2\})$	26112
20	$\mathcal{O}(0; \{10, 5^9, 4^2, 2^3\})$	419432
20	$\mathcal{O}(0; \{10, 5^9, 4^4\})$	1677728
20	$\mathcal{O}(0; \{10^2, 5, 4^2, 2^{14}\})$	24
20	$\mathcal{O}(0; \{10^2, 5, 4^4, 2^{11}\})$	96
20	$\mathcal{O}(0; \{10^2, 5, 4^6, 2^8\})$	384
20	$\mathcal{O}(0; \{10^2, 5, 4^8, 2^5\})$	1536
20	$\mathcal{O}(0; \{10^2, 5, 4^{10}, 2^2\})$	6144
20	$\mathcal{O}(0; \{10^2, 5^6, 4^2, 2^6\})$	26216
20	$\mathcal{O}(0; \{10^2, 5^6, 4^4, 2^3\})$	104864
20	$\mathcal{O}(0; \{10^2, 5^6, 4^6\})$	419456

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{10^3, 5^3, 4^2, 2^9\})$	1640
20	$\mathcal{O}(0; \{10^3, 5^3, 4^4, 2^6\})$	6560
20	$\mathcal{O}(0; \{10^3, 5^3, 4^6, 2^3\})$	26240
20	$\mathcal{O}(0; \{10^3, 5^3, 4^8\})$	104960
20	$\mathcal{O}(0; \{10^3, 5^8, 4^2, 2\})$	1677720
20	$\mathcal{O}(0; \{10^4, 4^2, 2^{12}\})$	104
20	$\mathcal{O}(0; \{10^4, 4^4, 2^9\})$	416
20	$\mathcal{O}(0; \{10^4, 4^6, 2^6\})$	1664
20	$\mathcal{O}(0; \{10^4, 4^8, 2^3\})$	6656
20	$\mathcal{O}(0; \{10^4, 4^{10}\})$	26624
20	$\mathcal{O}(0; \{10^4, 5^5, 4^2, 2^4\})$	104856
20	$\mathcal{O}(0; \{10^4, 5^5, 4^4, 2\})$	419424
20	$\mathcal{O}(0; \{10^5, 5^2, 4^2, 2^7\})$	6552
20	$\mathcal{O}(0; \{10^5, 5^2, 4^4, 2^4\})$	26208
20	$\mathcal{O}(0; \{10^5, 5^2, 4^6, 2\})$	104832
20	$\mathcal{O}(0; \{10^6, 5^4, 4^2, 2^2\})$	419432
20	$\mathcal{O}(0; \{10^7, 5, 4^2, 2^5\})$	26216
20	$\mathcal{O}(0; \{10^7, 5, 4^4, 2^2\})$	104864
20	$\mathcal{O}(0; \{10^8, 5^3, 4^2\})$	1677720
20	$\mathcal{O}(0; \{10^9, 4^2, 2^3\})$	104856
20	$\mathcal{O}(0; \{10^9, 4^4\})$	419424
20	$\mathcal{O}(0; \{20, 5^3, 4, 2^{14}\})$	104
20	$\mathcal{O}(0; \{20, 5^3, 4^3, 2^{11}\})$	416
20	$\mathcal{O}(0; \{20, 5^3, 4^5, 2^8\})$	1664
20	$\mathcal{O}(0; \{20, 5^3, 4^7, 2^5\})$	6656
20	$\mathcal{O}(0; \{20, 5^3, 4^9, 2^2\})$	26624
20	$\mathcal{O}(0; \{20, 5^8, 4, 2^6\})$	104856
20	$\mathcal{O}(0; \{20, 5^8, 4^3, 2^3\})$	419424
20	$\mathcal{O}(0; \{20, 5^8, 4^5\})$	1677696
20	$\mathcal{O}(0; \{20, 10, 4, 2^{17}\})$	8
20	$\mathcal{O}(0; \{20, 10, 4^3, 2^{14}\})$	32
20	$\mathcal{O}(0; \{20, 10, 4^5, 2^{11}\})$	128
20	$\mathcal{O}(0; \{20, 10, 4^7, 2^8\})$	512
20	$\mathcal{O}(0; \{20, 10, 4^9, 2^5\})$	2048
20	$\mathcal{O}(0; \{20, 10, 4^{11}, 2^2\})$	8192
20	$\mathcal{O}(0; \{20, 10, 5^5, 4, 2^9\})$	6552
20	$\mathcal{O}(0; \{20, 10, 5^5, 4^3, 2^6\})$	26208
20	$\mathcal{O}(0; \{20, 10, 5^5, 4^5, 2^3\})$	104832
20	$\mathcal{O}(0; \{20, 10, 5^5, 4^7\})$	419328
20	$\mathcal{O}(0; \{20, 10, 5^{10}, 4, 2\})$	6710888
20	$\mathcal{O}(0; \{20, 10^2, 5^2, 4, 2^{12}\})$	408
20	$\mathcal{O}(0; \{20, 10^2, 5^2, 4^3, 2^9\})$	1632
20	$\mathcal{O}(0; \{20, 10^2, 5^2, 4^5, 2^6\})$	6528

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20, 10^2, 5^2, 4^7, 2^3\})$	26112
20	$\mathcal{O}(0; \{20, 10^2, 5^2, 4^9\})$	104448
20	$\mathcal{O}(0; \{20, 10^2, 5^7, 4, 2^4\})$	419432
20	$\mathcal{O}(0; \{20, 10^2, 5^7, 4^3, 2\})$	1677728
20	$\mathcal{O}(0; \{20, 10^3, 5^4, 4, 2^7\})$	26216
20	$\mathcal{O}(0; \{20, 10^3, 5^4, 4^3, 2^4\})$	104864
20	$\mathcal{O}(0; \{20, 10^3, 5^4, 4^5, 2\})$	419456
20	$\mathcal{O}(0; \{20, 10^4, 5, 4, 2^{10}\})$	1640
20	$\mathcal{O}(0; \{20, 10^4, 5, 4^3, 2^7\})$	6560
20	$\mathcal{O}(0; \{20, 10^4, 5, 4^5, 2^4\})$	26240
20	$\mathcal{O}(0; \{20, 10^4, 5, 4^7, 2\})$	104960
20	$\mathcal{O}(0; \{20, 10^4, 5^6, 4, 2^2\})$	1677720
20	$\mathcal{O}(0; \{20, 10^5, 5^3, 4, 2^5\})$	104856
20	$\mathcal{O}(0; \{20, 10^5, 5^3, 4^3, 2^2\})$	419424
20	$\mathcal{O}(0; \{20, 10^6, 4, 2^8\})$	6552
20	$\mathcal{O}(0; \{20, 10^6, 4^3, 2^5\})$	26208
20	$\mathcal{O}(0; \{20, 10^6, 4^5, 2^2\})$	104832
20	$\mathcal{O}(0; \{20, 10^6, 5^5, 4\})$	6710888
20	$\mathcal{O}(0; \{20, 10^7, 5^2, 4, 2^3\})$	419432
20	$\mathcal{O}(0; \{20, 10^7, 5^2, 4^3\})$	1677728
20	$\mathcal{O}(0; \{20, 10^9, 5, 4, 2\})$	1677720
20	$\mathcal{O}(0; \{20^2, 5^4, 2^{12}\})$	1640
20	$\mathcal{O}(0; \{20^2, 5^4, 4^2, 2^9\})$	6560
20	$\mathcal{O}(0; \{20^2, 5^4, 4^4, 2^6\})$	26240
20	$\mathcal{O}(0; \{20^2, 5^4, 4^6, 2^3\})$	104960
20	$\mathcal{O}(0; \{20^2, 5^4, 4^8\})$	419840
20	$\mathcal{O}(0; \{20^2, 5^9, 2^4\})$	1677720
20	$\mathcal{O}(0; \{20^2, 5^9, 4^2, 2\})$	6710880
20	$\mathcal{O}(0; \{20^2, 10, 5, 2^{15}\})$	104
20	$\mathcal{O}(0; \{20^2, 10, 5, 4^2, 2^{12}\})$	416
20	$\mathcal{O}(0; \{20^2, 10, 5, 4^4, 2^9\})$	1664
20	$\mathcal{O}(0; \{20^2, 10, 5, 4^6, 2^6\})$	6656
20	$\mathcal{O}(0; \{20^2, 10, 5, 4^8, 2^3\})$	26624
20	$\mathcal{O}(0; \{20^2, 10, 5, 4^{10}\})$	106496
20	$\mathcal{O}(0; \{20^2, 10, 5^6, 2^7\})$	104856
20	$\mathcal{O}(0; \{20^2, 10, 5^6, 4^2, 2^4\})$	419424
20	$\mathcal{O}(0; \{20^2, 10, 5^6, 4^4, 2\})$	1677696
20	$\mathcal{O}(0; \{20^2, 10^2, 5^3, 2^{10}\})$	6552
20	$\mathcal{O}(0; \{20^2, 10^2, 5^3, 4^2, 2^7\})$	26208
20	$\mathcal{O}(0; \{20^2, 10^2, 5^3, 4^4, 2^4\})$	104832
20	$\mathcal{O}(0; \{20^2, 10^2, 5^3, 4^6, 2\})$	419328
20	$\mathcal{O}(0; \{20^2, 10^2, 5^8, 2^2\})$	6710888
20	$\mathcal{O}(0; \{20^2, 10^3, 2^{13}\})$	408

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20^2, 10^3, 4^2, 2^{10}\})$	1632
20	$\mathcal{O}(0; \{20^2, 10^3, 4^4, 2^7\})$	6528
20	$\mathcal{O}(0; \{20^2, 10^3, 4^6, 2^4\})$	26112
20	$\mathcal{O}(0; \{20^2, 10^3, 4^8, 2\})$	104448
20	$\mathcal{O}(0; \{20^2, 10^3, 5^5, 2^5\})$	419432
20	$\mathcal{O}(0; \{20^2, 10^3, 5^5, 4^2, 2^2\})$	1677728
20	$\mathcal{O}(0; \{20^2, 10^4, 5^2, 2^8\})$	26216
20	$\mathcal{O}(0; \{20^2, 10^4, 5^2, 4^2, 2^5\})$	104864
20	$\mathcal{O}(0; \{20^2, 10^4, 5^2, 4^4, 2^2\})$	419456
20	$\mathcal{O}(0; \{20^2, 10^4, 5^7\})$	26843544
20	$\mathcal{O}(0; \{20^2, 10^5, 5^4, 2^3\})$	1677720
20	$\mathcal{O}(0; \{20^2, 10^5, 5^4, 4^2\})$	6710880
20	$\mathcal{O}(0; \{20^2, 10^6, 5, 2^6\})$	104856
20	$\mathcal{O}(0; \{20^2, 10^6, 5, 4^2, 2^3\})$	419424
20	$\mathcal{O}(0; \{20^2, 10^6, 5, 4^4\})$	1677696
20	$\mathcal{O}(0; \{20^2, 10^7, 5^3, 2\})$	6710888
20	$\mathcal{O}(0; \{20^2, 10^8, 2^4\})$	419432
20	$\mathcal{O}(0; \{20^2, 10^8, 4^2, 2\})$	1677728
20	$\mathcal{O}(0; \{20^3, 4, 2^{15}\})$	96
20	$\mathcal{O}(0; \{20^3, 4^3, 2^{12}\})$	384
20	$\mathcal{O}(0; \{20^3, 4^5, 2^9\})$	1536
20	$\mathcal{O}(0; \{20^3, 4^7, 2^6\})$	6144
20	$\mathcal{O}(0; \{20^3, 4^9, 2^3\})$	24576
20	$\mathcal{O}(0; \{20^3, 4^{11}\})$	98304
20	$\mathcal{O}(0; \{20^3, 5^5, 4, 2^7\})$	104864
20	$\mathcal{O}(0; \{20^3, 5^5, 4^3, 2^4\})$	419456
20	$\mathcal{O}(0; \{20^3, 5^5, 4^5, 2\})$	1677824
20	$\mathcal{O}(0; \{20^3, 10, 5^2, 4, 2^{10}\})$	6560
20	$\mathcal{O}(0; \{20^3, 10, 5^2, 4^3, 2^7\})$	26240
20	$\mathcal{O}(0; \{20^3, 10, 5^2, 4^5, 2^4\})$	104960
20	$\mathcal{O}(0; \{20^3, 10, 5^2, 4^7, 2\})$	419840
20	$\mathcal{O}(0; \{20^3, 10, 5^7, 4, 2^2\})$	6710880
20	$\mathcal{O}(0; \{20^3, 10^2, 5^4, 4, 2^5\})$	419424
20	$\mathcal{O}(0; \{20^3, 10^2, 5^4, 4^3, 2^2\})$	1677696
20	$\mathcal{O}(0; \{20^3, 10^3, 5, 4, 2^8\})$	26208
20	$\mathcal{O}(0; \{20^3, 10^3, 5, 4^3, 2^5\})$	104832
20	$\mathcal{O}(0; \{20^3, 10^3, 5, 4^5, 2^2\})$	419328
20	$\mathcal{O}(0; \{20^3, 10^3, 5^6, 4\})$	26843552
20	$\mathcal{O}(0; \{20^3, 10^4, 5^3, 4, 2^3\})$	1677728
20	$\mathcal{O}(0; \{20^3, 10^4, 5^3, 4^3\})$	6710912
20	$\mathcal{O}(0; \{20^3, 10^5, 4, 2^6\})$	104864
20	$\mathcal{O}(0; \{20^3, 10^5, 4^3, 2^3\})$	419456
20	$\mathcal{O}(0; \{20^3, 10^5, 4^5\})$	1677824

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20^3, 10^6, 5^2, 4, 2\})$	6710880
20	$\mathcal{O}(0; \{20^4, 5, 2^{13}\})$	1632
20	$\mathcal{O}(0; \{20^4, 5, 4^2, 2^{10}\})$	6528
20	$\mathcal{O}(0; \{20^4, 5, 4^4, 2^7\})$	26112
20	$\mathcal{O}(0; \{20^4, 5, 4^6, 2^4\})$	104448
20	$\mathcal{O}(0; \{20^4, 5, 4^8, 2\})$	417792
20	$\mathcal{O}(0; \{20^4, 5^6, 2^5\})$	1677728
20	$\mathcal{O}(0; \{20^4, 5^6, 4^2, 2^2\})$	6710912
20	$\mathcal{O}(0; \{20^4, 10, 5^3, 2^8\})$	104864
20	$\mathcal{O}(0; \{20^4, 10, 5^3, 4^2, 2^5\})$	419456
20	$\mathcal{O}(0; \{20^4, 10, 5^3, 4^4, 2^2\})$	1677824
20	$\mathcal{O}(0; \{20^4, 10, 5^8\})$	107374176
20	$\mathcal{O}(0; \{20^4, 10^2, 2^{11}\})$	6560
20	$\mathcal{O}(0; \{20^4, 10^2, 4^2, 2^8\})$	26240
20	$\mathcal{O}(0; \{20^4, 10^2, 4^4, 2^5\})$	104960
20	$\mathcal{O}(0; \{20^4, 10^2, 4^6, 2^2\})$	419840
20	$\mathcal{O}(0; \{20^4, 10^2, 5^5, 2^3\})$	6710880
20	$\mathcal{O}(0; \{20^4, 10^2, 5^5, 4^2\})$	26843520
20	$\mathcal{O}(0; \{20^4, 10^3, 5^2, 2^6\})$	419424
20	$\mathcal{O}(0; \{20^4, 10^3, 5^2, 4^2, 2^3\})$	1677696
20	$\mathcal{O}(0; \{20^4, 10^3, 5^2, 4^4\})$	6710784
20	$\mathcal{O}(0; \{20^4, 10^4, 5^4, 2\})$	26843552
20	$\mathcal{O}(0; \{20^4, 10^5, 5, 2^4\})$	1677728
20	$\mathcal{O}(0; \{20^4, 10^5, 5, 4^2, 2\})$	6710912
20	$\mathcal{O}(0; \{20^4, 10^7, 2^2\})$	6710880
20	$\mathcal{O}(0; \{20^5, 5^2, 4, 2^8\})$	104832
20	$\mathcal{O}(0; \{20^5, 5^2, 4^3, 2^5\})$	419328
20	$\mathcal{O}(0; \{20^5, 5^2, 4^5, 2^2\})$	1677312
20	$\mathcal{O}(0; \{20^5, 5^7, 4\})$	107374208
20	$\mathcal{O}(0; \{20^5, 10, 5^4, 4, 2^3\})$	6710912
20	$\mathcal{O}(0; \{20^5, 10, 5^4, 4^3\})$	26843648
20	$\mathcal{O}(0; \{20^5, 10^2, 5, 4, 2^6\})$	419456
20	$\mathcal{O}(0; \{20^5, 10^2, 5, 4^3, 2^3\})$	1677824
20	$\mathcal{O}(0; \{20^5, 10^2, 5, 4^5\})$	6711296
20	$\mathcal{O}(0; \{20^5, 10^3, 5^3, 4, 2\})$	26843520
20	$\mathcal{O}(0; \{20^5, 10^4, 4, 2^4\})$	1677696
20	$\mathcal{O}(0; \{20^5, 10^4, 4^3, 2\})$	6710784
20	$\mathcal{O}(0; \{20^6, 5^3, 2^6\})$	1677696
20	$\mathcal{O}(0; \{20^6, 5^3, 4^2, 2^3\})$	6710784
20	$\mathcal{O}(0; \{20^6, 5^3, 4^4\})$	26843136
20	$\mathcal{O}(0; \{20^6, 10, 2^9\})$	104832
20	$\mathcal{O}(0; \{20^6, 10, 4^2, 2^6\})$	419328
20	$\mathcal{O}(0; \{20^6, 10, 4^4, 2^3\})$	1677312

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20^6, 10, 4^6\})$	6709248
20	$\mathcal{O}(0; \{20^6, 10, 5^5, 2\})$	107374208
20	$\mathcal{O}(0; \{20^6, 10^2, 5^2, 2^4\})$	6710912
20	$\mathcal{O}(0; \{20^6, 10^2, 5^2, 4^2, 2\})$	26843648
20	$\mathcal{O}(0; \{20^6, 10^4, 5, 2^2\})$	26843520
20	$\mathcal{O}(0; \{20^6, 10^6\})$	107374208
20	$\mathcal{O}(0; \{20^7, 5^4, 4, 2\})$	107374080
20	$\mathcal{O}(0; \{20^7, 10, 5, 4, 2^4\})$	6710784
20	$\mathcal{O}(0; \{20^7, 10, 5, 4^3, 2\})$	26843136
20	$\mathcal{O}(0; \{20^7, 10^3, 4, 2^2\})$	26843648
20	$\mathcal{O}(0; \{20^8, 2^7\})$	1677824
20	$\mathcal{O}(0; \{20^8, 4^2, 2^4\})$	6711296
20	$\mathcal{O}(0; \{20^8, 4^4, 2\})$	26845184
20	$\mathcal{O}(0; \{20^8, 10, 5^2, 2^2\})$	107374080
20	$\mathcal{O}(0; \{20^8, 10^3, 5\})$	429496832
20	$\mathcal{O}(0; \{20^9, 5, 4, 2^2\})$	107374592
20	$\mathcal{O}(0; \{20^9, 10^2, 4\})$	429496320
20	$\mathcal{O}(0; \{20^{10}, 5^2\})$	1717987328
21	$\mathcal{O}(4; \{3^4\})$	226937116800
21	$\mathcal{O}(3; \{3^7\})$	3602146464
21	$\mathcal{O}(3; \{21, 7^2, 3^3\})$	15437901780
21	$\mathcal{O}(3; \{21^4, 7\})$	571202365860
21	$\mathcal{O}(2; \{3^{10}\})$	66484800
21	$\mathcal{O}(2; \{21, 7^2, 3^6\})$	245046060
21	$\mathcal{O}(2; \{21^2, 7^4, 3^2\})$	7778462076
21	$\mathcal{O}(2; \{21^4, 7, 3^3\})$	9066704220
21	$\mathcal{O}(2; \{21^7\})$	326646397980
21	$\mathcal{O}(1; \{3^{13}\})$	1179360
21	$\mathcal{O}(1; \{7^7, 3^4\})$	105813540
21	$\mathcal{O}(1; \{21, 7^2, 3^9\})$	4524660
21	$\mathcal{O}(1; \{21^2, 7^4, 3^5\})$	123467652
21	$\mathcal{O}(1; \{21^3, 7^6, 3\})$	3809366820
21	$\mathcal{O}(1; \{21^4, 7, 3^6\})$	167412420
21	$\mathcal{O}(1; \{21^5, 7^3, 3^2\})$	4444279812
21	$\mathcal{O}(1; \{21^7, 3^3\})$	6031371780
21	$\mathcal{O}(0; \{7^7, 3^7\})$	1679580
21	$\mathcal{O}(0; \{21, 7^2, 3^{12}\})$	81900
21	$\mathcal{O}(0; \{21, 7^9, 3^3\})$	51828156
21	$\mathcal{O}(0; \{21^2, 7^4, 3^8\})$	2279772
21	$\mathcal{O}(0; \{21^3, 7^6, 3^4\})$	60466140
21	$\mathcal{O}(0; \{21^4, 7, 3^9\})$	3030300
21	$\mathcal{O}(0; \{21^4, 7^8\})$	1865813436
21	$\mathcal{O}(0; \{21^5, 7^3, 3^5\})$	82061532

Continued on next page

Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
21	$\mathcal{O}(0; \{21^6, 7^5, 3\})$	2176782300
21	$\mathcal{O}(0; \{21^7, 3^6\})$	109172700
21	$\mathcal{O}(0; \{21^8, 7^2, 3^2\})$	2954204892
22	$\mathcal{O}(3; \{22, 11^2, 2^3\})$	10204191360
22	$\mathcal{O}(3; \{22^3, 11, 2\})$	103175712640
22	$\mathcal{O}(2; \{22, 11^2, 2^7\})$	21083040
22	$\mathcal{O}(2; \{22^3, 11, 2^5\})$	213172960
22	$\mathcal{O}(2; \{22^5, 2^3\})$	2129387040
22	$\mathcal{O}(1; \{11^8, 2^2\})$	4400000440
22	$\mathcal{O}(1; \{22, 11^2, 2^{11}\})$	43560
22	$\mathcal{O}(1; \{22^2, 11^7\})$	43999999560
22	$\mathcal{O}(1; \{22^3, 11, 2^9\})$	440440
22	$\mathcal{O}(1; \{22^5, 2^7\})$	4399560
22	$\mathcal{O}(0; \{11^8, 2^6\})$	9090910
22	$\mathcal{O}(0; \{22, 11^2, 2^{15}\})$	90
22	$\mathcal{O}(0; \{22^2, 11^7, 2^4\})$	90909090
22	$\mathcal{O}(0; \{22^3, 11, 2^{13}\})$	910
22	$\mathcal{O}(0; \{22^4, 11^6, 2^2\})$	909090910
22	$\mathcal{O}(0; \{22^5, 2^{11}\})$	9090
22	$\mathcal{O}(0; \{22^6, 11^5\})$	9090909090
23	$\mathcal{O}(4; \{23^2\})$	1722841676182
24	$\mathcal{O}(3; \{8^2, 3^2, 2\})$	1528823808
24	$\mathcal{O}(3; \{12^2, 8^2\})$	6115295232
24	$\mathcal{O}(3; \{24, 12, 8, 6\})$	3057647616
24	$\mathcal{O}(3; \{24^2, 3, 2^2\})$	1528823808
24	$\mathcal{O}(3; \{24^2, 6^2\})$	4586471424
24	$\mathcal{O}(3; \{24^2, 12, 4\})$	6115295232
24	$\mathcal{O}(2; \{8^2, 3^2, 2^5\})$	2654208
24	$\mathcal{O}(2; \{8^2, 3^5, 2\})$	13271040
24	$\mathcal{O}(2; \{8^2, 4^2, 3^2, 2^2\})$	10616832
24	$\mathcal{O}(2; \{8^2, 6, 3^3, 2^2\})$	7962624
24	$\mathcal{O}(2; \{8^2, 6^2, 3, 2^3\})$	2654208
24	$\mathcal{O}(2; \{8^2, 6^2, 4^2, 3\})$	10616832
24	$\mathcal{O}(2; \{8^2, 6^3, 3^2\})$	13271040
24	$\mathcal{O}(2; \{8^2, 6^4, 2\})$	7962624
24	$\mathcal{O}(2; \{8^4, 4, 3^2\})$	84934656
24	$\mathcal{O}(2; \{12, 8^2, 4, 3, 2^3\})$	10616832
24	$\mathcal{O}(2; \{12, 8^2, 4^3, 3\})$	42467328
24	$\mathcal{O}(2; \{12, 8^2, 6, 4, 3^2\})$	31850496
24	$\mathcal{O}(2; \{12, 8^2, 6^2, 4, 2\})$	10616832
24	$\mathcal{O}(2; \{12, 8^4, 3, 2\})$	84934656
24	$\mathcal{O}(2; \{12^2, 8^2, 2^4\})$	10616832
24	$\mathcal{O}(2; \{12^2, 8^2, 3^3\})$	53084160

Continued on next page

Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(2; \{12^2, 8^2, 4^2, 2\})$	42467328
24	$\mathcal{O}(2; \{12^2, 8^2, 6, 3, 2\})$	31850496
24	$\mathcal{O}(2; \{24, 8, 4, 3^3, 2^2\})$	15925248
24	$\mathcal{O}(2; \{24, 8, 6, 4, 3, 2^3\})$	5308416
24	$\mathcal{O}(2; \{24, 8, 6, 4^3, 3\})$	21233664
24	$\mathcal{O}(2; \{24, 8, 6^2, 4, 3^2\})$	26542080
24	$\mathcal{O}(2; \{24, 8, 6^3, 4, 2\})$	15925248
24	$\mathcal{O}(2; \{24, 8^3, 3^3\})$	127401984
24	$\mathcal{O}(2; \{24, 8^3, 6, 3, 2\})$	42467328
24	$\mathcal{O}(2; \{24, 12, 8, 3^2, 2^3\})$	15925248
24	$\mathcal{O}(2; \{24, 12, 8, 4^2, 3^2\})$	63700992
24	$\mathcal{O}(2; \{24, 12, 8, 6, 2^4\})$	5308416
24	$\mathcal{O}(2; \{24, 12, 8, 6, 3^3\})$	58392576
24	$\mathcal{O}(2; \{24, 12, 8, 6, 4^2, 2\})$	21233664
24	$\mathcal{O}(2; \{24, 12, 8, 6^2, 3, 2\})$	26542080
24	$\mathcal{O}(2; \{24, 12^2, 8, 4, 3, 2\})$	63700992
24	$\mathcal{O}(2; \{24, 12^3, 8, 2^2\})$	63700992
24	$\mathcal{O}(2; \{24^2, 3, 2^6\})$	2654208
24	$\mathcal{O}(2; \{24^2, 3^4, 2^2\})$	29196288
24	$\mathcal{O}(2; \{24^2, 4^2, 3, 2^3\})$	10616832
24	$\mathcal{O}(2; \{24^2, 4^4, 3\})$	42467328
24	$\mathcal{O}(2; \{24^2, 6, 3^2, 2^3\})$	13271040
24	$\mathcal{O}(2; \{24^2, 6, 4^2, 3^2\})$	53084160
24	$\mathcal{O}(2; \{24^2, 6^2, 2^4\})$	7962624
24	$\mathcal{O}(2; \{24^2, 6^2, 3^3\})$	55738368
24	$\mathcal{O}(2; \{24^2, 6^2, 4^2, 2\})$	31850496
24	$\mathcal{O}(2; \{24^2, 6^3, 3, 2\})$	29196288
24	$\mathcal{O}(2; \{24^2, 8^2, 4, 3, 2\})$	84934656
24	$\mathcal{O}(2; \{24^2, 12, 4, 2^4\})$	10616832
24	$\mathcal{O}(2; \{24^2, 12, 4, 3^3\})$	116785152
24	$\mathcal{O}(2; \{24^2, 12, 4^3, 2\})$	42467328
24	$\mathcal{O}(2; \{24^2, 12, 6, 4, 3, 2\})$	53084160
24	$\mathcal{O}(2; \{24^2, 12, 8^2, 2^2\})$	84934656
24	$\mathcal{O}(2; \{24^2, 12^2, 3^2, 2\})$	116785152
24	$\mathcal{O}(2; \{24^2, 12^2, 6, 2^2\})$	53084160
24	$\mathcal{O}(2; \{24^2, 12^4\})$	467140608
24	$\mathcal{O}(2; \{24^3, 8, 3^2, 2\})$	212336640
24	$\mathcal{O}(2; \{24^3, 8, 6, 2^2\})$	127401984
24	$\mathcal{O}(2; \{24^3, 12^2, 8\})$	849346560
24	$\mathcal{O}(2; \{24^4, 4, 2^2\})$	254803968
24	$\mathcal{O}(2; \{24^4, 8^2\})$	2038431744
24	$\mathcal{O}(2; \{24^4, 12, 6\})$	934281216
24	$\mathcal{O}(1; \{8^2, 3^2, 2^9\})$	4608

Continued on next page

Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{8^2, 3^5, 2^5\})$	23040
24	$\mathcal{O}(1; \{8^2, 3^8, 2\})$	198144
24	$\mathcal{O}(1; \{8^2, 4^2, 3^2, 2^6\})$	18432
24	$\mathcal{O}(1; \{8^2, 4^2, 3^5, 2^2\})$	92160
24	$\mathcal{O}(1; \{8^2, 4^4, 3^2, 2^3\})$	73728
24	$\mathcal{O}(1; \{8^2, 4^6, 3^2\})$	294912
24	$\mathcal{O}(1; \{8^2, 6, 3^3, 2^6\})$	13824
24	$\mathcal{O}(1; \{8^2, 6, 3^6, 2^2\})$	96768
24	$\mathcal{O}(1; \{8^2, 6, 4^2, 3^3, 2^3\})$	55296
24	$\mathcal{O}(1; \{8^2, 6, 4^4, 3^3\})$	221184
24	$\mathcal{O}(1; \{8^2, 6^2, 3, 2^7\})$	4608
24	$\mathcal{O}(1; \{8^2, 6^2, 3^4, 2^3\})$	50688
24	$\mathcal{O}(1; \{8^2, 6^2, 4^2, 3, 2^4\})$	18432
24	$\mathcal{O}(1; \{8^2, 6^2, 4^2, 3^4\})$	202752
24	$\mathcal{O}(1; \{8^2, 6^2, 4^4, 3, 2\})$	73728
24	$\mathcal{O}(1; \{8^2, 6^3, 3^2, 2^4\})$	23040
24	$\mathcal{O}(1; \{8^2, 6^3, 3^5\})$	198144
24	$\mathcal{O}(1; \{8^2, 6^3, 4^2, 3^2, 2\})$	92160
24	$\mathcal{O}(1; \{8^2, 6^4, 2^5\})$	13824
24	$\mathcal{O}(1; \{8^2, 6^4, 3^3, 2\})$	96768
24	$\mathcal{O}(1; \{8^2, 6^4, 4^2, 2^2\})$	55296
24	$\mathcal{O}(1; \{8^2, 6^5, 3, 2^2\})$	50688
24	$\mathcal{O}(1; \{8^2, 6^7\})$	96768
24	$\mathcal{O}(1; \{8^4, 4, 3^2, 2^4\})$	147456
24	$\mathcal{O}(1; \{8^4, 4, 3^5\})$	737280
24	$\mathcal{O}(1; \{8^4, 4^3, 3^2, 2\})$	589824
24	$\mathcal{O}(1; \{8^4, 6, 4, 3^3, 2\})$	442368
24	$\mathcal{O}(1; \{8^4, 6^2, 4, 3, 2^2\})$	147456
24	$\mathcal{O}(1; \{8^4, 6^4, 4\})$	442368
24	$\mathcal{O}(1; \{8^6, 3^2, 2^2\})$	1179648
24	$\mathcal{O}(1; \{8^6, 6^2, 3\})$	1179648
24	$\mathcal{O}(1; \{12, 8^2, 4, 3, 2^7\})$	18432
24	$\mathcal{O}(1; \{12, 8^2, 4, 3^4, 2^3\})$	92160
24	$\mathcal{O}(1; \{12, 8^2, 4^3, 3, 2^4\})$	73728
24	$\mathcal{O}(1; \{12, 8^2, 4^3, 3^4\})$	368640
24	$\mathcal{O}(1; \{12, 8^2, 4^5, 3, 2\})$	294912
24	$\mathcal{O}(1; \{12, 8^2, 6, 4, 3^2, 2^4\})$	55296
24	$\mathcal{O}(1; \{12, 8^2, 6, 4, 3^5\})$	387072
24	$\mathcal{O}(1; \{12, 8^2, 6, 4^3, 3^2, 2\})$	221184
24	$\mathcal{O}(1; \{12, 8^2, 6^2, 4, 2^5\})$	18432
24	$\mathcal{O}(1; \{12, 8^2, 6^2, 4, 3^3, 2\})$	202752
24	$\mathcal{O}(1; \{12, 8^2, 6^2, 4^3, 2^2\})$	73728
24	$\mathcal{O}(1; \{12, 8^2, 6^3, 4, 3, 2^2\})$	92160

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{12, 8^2, 6^5, 4\})$	202752
24	$\mathcal{O}(1; \{12, 8^4, 3, 2^5\})$	147456
24	$\mathcal{O}(1; \{12, 8^4, 3^4, 2\})$	737280
24	$\mathcal{O}(1; \{12, 8^4, 4^2, 3, 2^2\})$	589824
24	$\mathcal{O}(1; \{12, 8^4, 6, 3^2, 2^2\})$	442368
24	$\mathcal{O}(1; \{12, 8^4, 6^2, 2^3\})$	147456
24	$\mathcal{O}(1; \{12, 8^4, 6^2, 4^2\})$	589824
24	$\mathcal{O}(1; \{12, 8^4, 6^3, 3\})$	737280
24	$\mathcal{O}(1; \{12, 8^6, 4, 3\})$	4718592
24	$\mathcal{O}(1; \{12^2, 8^2, 2^8\})$	18432
24	$\mathcal{O}(1; \{12^2, 8^2, 3^3, 2^4\})$	92160
24	$\mathcal{O}(1; \{12^2, 8^2, 3^6\})$	792576
24	$\mathcal{O}(1; \{12^2, 8^2, 4^2, 2^5\})$	73728
24	$\mathcal{O}(1; \{12^2, 8^2, 4^2, 3^3, 2\})$	368640
24	$\mathcal{O}(1; \{12^2, 8^2, 4^4, 2^2\})$	294912
24	$\mathcal{O}(1; \{12^2, 8^2, 6, 3, 2^5\})$	55296
24	$\mathcal{O}(1; \{12^2, 8^2, 6, 3^4, 2\})$	387072
24	$\mathcal{O}(1; \{12^2, 8^2, 6, 4^2, 3, 2^2\})$	221184
24	$\mathcal{O}(1; \{12^2, 8^2, 6^2, 3^2, 2^2\})$	202752
24	$\mathcal{O}(1; \{12^2, 8^2, 6^3, 2^3\})$	92160
24	$\mathcal{O}(1; \{12^2, 8^2, 6^3, 4^2\})$	368640
24	$\mathcal{O}(1; \{12^2, 8^2, 6^4, 3\})$	387072
24	$\mathcal{O}(1; \{12^2, 8^4, 4, 2^3\})$	589824
24	$\mathcal{O}(1; \{12^2, 8^4, 4^3\})$	2359296
24	$\mathcal{O}(1; \{12^2, 8^4, 6, 4, 3\})$	1769472
24	$\mathcal{O}(1; \{12^2, 8^6, 2\})$	4718592
24	$\mathcal{O}(1; \{12^3, 8^2, 4, 3^2, 2^2\})$	368640
24	$\mathcal{O}(1; \{12^3, 8^2, 6, 4, 2^3\})$	221184
24	$\mathcal{O}(1; \{12^3, 8^2, 6, 4^3\})$	884736
24	$\mathcal{O}(1; \{12^3, 8^2, 6^2, 4, 3\})$	811008
24	$\mathcal{O}(1; \{12^3, 8^4, 3^2\})$	2949120
24	$\mathcal{O}(1; \{12^3, 8^4, 6, 2\})$	1769472
24	$\mathcal{O}(1; \{12^4, 8^2, 3, 2^3\})$	368640
24	$\mathcal{O}(1; \{12^4, 8^2, 4^2, 3\})$	1474560
24	$\mathcal{O}(1; \{12^4, 8^2, 6, 3^2\})$	1548288
24	$\mathcal{O}(1; \{12^4, 8^2, 6^2, 2\})$	811008
24	$\mathcal{O}(1; \{12^5, 8^2, 4, 2\})$	1474560
24	$\mathcal{O}(1; \{24, 8, 4, 3^3, 2^6\})$	27648
24	$\mathcal{O}(1; \{24, 8, 4, 3^6, 2^2\})$	193536
24	$\mathcal{O}(1; \{24, 8, 4^3, 3^3, 2^3\})$	110592
24	$\mathcal{O}(1; \{24, 8, 4^5, 3^3\})$	442368
24	$\mathcal{O}(1; \{24, 8, 6, 4, 3, 2^7\})$	9216
24	$\mathcal{O}(1; \{24, 8, 6, 4, 3^4, 2^3\})$	101376

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24, 8, 6, 4^3, 3, 2^4\})$	36864
24	$\mathcal{O}(1; \{24, 8, 6, 4^3, 3^4\})$	405504
24	$\mathcal{O}(1; \{24, 8, 6, 4^5, 3, 2\})$	147456
24	$\mathcal{O}(1; \{24, 8, 6^2, 4, 3^2, 2^4\})$	46080
24	$\mathcal{O}(1; \{24, 8, 6^2, 4, 3^5\})$	396288
24	$\mathcal{O}(1; \{24, 8, 6^2, 4^3, 3^2, 2\})$	184320
24	$\mathcal{O}(1; \{24, 8, 6^3, 4, 2^5\})$	27648
24	$\mathcal{O}(1; \{24, 8, 6^3, 4, 3^3, 2\})$	193536
24	$\mathcal{O}(1; \{24, 8, 6^3, 4^3, 2^2\})$	110592
24	$\mathcal{O}(1; \{24, 8, 6^4, 4, 3, 2^2\})$	101376
24	$\mathcal{O}(1; \{24, 8, 6^6, 4\})$	193536
24	$\mathcal{O}(1; \{24, 8^3, 3^3, 2^4\})$	221184
24	$\mathcal{O}(1; \{24, 8^3, 3^6\})$	1548288
24	$\mathcal{O}(1; \{24, 8^3, 4^2, 3^3, 2\})$	884736
24	$\mathcal{O}(1; \{24, 8^3, 6, 3, 2^5\})$	73728
24	$\mathcal{O}(1; \{24, 8^3, 6, 3^4, 2\})$	811008
24	$\mathcal{O}(1; \{24, 8^3, 6, 4^2, 3, 2^2\})$	294912
24	$\mathcal{O}(1; \{24, 8^3, 6^2, 3^2, 2^2\})$	368640
24	$\mathcal{O}(1; \{24, 8^3, 6^3, 2^3\})$	221184
24	$\mathcal{O}(1; \{24, 8^3, 6^3, 4^2\})$	884736
24	$\mathcal{O}(1; \{24, 8^3, 6^4, 3\})$	811008
24	$\mathcal{O}(1; \{24, 8^5, 6, 4, 3\})$	2359296
24	$\mathcal{O}(1; \{24, 12, 8, 3^2, 2^7\})$	27648
24	$\mathcal{O}(1; \{24, 12, 8, 3^5, 2^3\})$	193536
24	$\mathcal{O}(1; \{24, 12, 8, 4^2, 3^2, 2^4\})$	110592
24	$\mathcal{O}(1; \{24, 12, 8, 4^2, 3^5\})$	774144
24	$\mathcal{O}(1; \{24, 12, 8, 4^4, 3^2, 2\})$	442368
24	$\mathcal{O}(1; \{24, 12, 8, 6, 2^8\})$	9216
24	$\mathcal{O}(1; \{24, 12, 8, 6, 3^3, 2^4\})$	101376
24	$\mathcal{O}(1; \{24, 12, 8, 6, 3^6\})$	783360
24	$\mathcal{O}(1; \{24, 12, 8, 6, 4^2, 2^5\})$	36864
24	$\mathcal{O}(1; \{24, 12, 8, 6, 4^2, 3^3, 2\})$	405504
24	$\mathcal{O}(1; \{24, 12, 8, 6, 4^4, 2^2\})$	147456
24	$\mathcal{O}(1; \{24, 12, 8, 6^2, 3, 2^5\})$	46080
24	$\mathcal{O}(1; \{24, 12, 8, 6^2, 3^4, 2\})$	396288
24	$\mathcal{O}(1; \{24, 12, 8, 6^2, 4^2, 3, 2^2\})$	184320
24	$\mathcal{O}(1; \{24, 12, 8, 6^3, 3^2, 2^2\})$	193536
24	$\mathcal{O}(1; \{24, 12, 8, 6^4, 2^3\})$	101376
24	$\mathcal{O}(1; \{24, 12, 8, 6^4, 4^2\})$	405504
24	$\mathcal{O}(1; \{24, 12, 8, 6^5, 3\})$	396288
24	$\mathcal{O}(1; \{24, 12, 8^3, 4, 3^2, 2^2\})$	884736
24	$\mathcal{O}(1; \{24, 12, 8^3, 6, 4, 2^3\})$	294912
24	$\mathcal{O}(1; \{24, 12, 8^3, 6, 4^3\})$	1179648

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24, 12, 8^3, 6^2, 4, 3\})$	1474560
24	$\mathcal{O}(1; \{24, 12, 8^5, 3^2\})$	7077888
24	$\mathcal{O}(1; \{24, 12, 8^5, 6, 2\})$	2359296
24	$\mathcal{O}(1; \{24, 12^2, 8, 4, 3, 2^5\})$	110592
24	$\mathcal{O}(1; \{24, 12^2, 8, 4, 3^4, 2\})$	774144
24	$\mathcal{O}(1; \{24, 12^2, 8, 4^3, 3, 2^2\})$	442368
24	$\mathcal{O}(1; \{24, 12^2, 8, 6, 4, 3^2, 2^2\})$	405504
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^2, 4, 2^3\})$	184320
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^2, 4^3\})$	737280
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^3, 4, 3\})$	774144
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 3, 2^3\})$	884736
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 4^2, 3\})$	3538944
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 6, 3^2\})$	3244032
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 6^2, 2\})$	1474560
24	$\mathcal{O}(1; \{24, 12^3, 8, 2^6\})$	110592
24	$\mathcal{O}(1; \{24, 12^3, 8, 3^3, 2^2\})$	774144
24	$\mathcal{O}(1; \{24, 12^3, 8, 4^2, 2^3\})$	442368
24	$\mathcal{O}(1; \{24, 12^3, 8, 4^4\})$	1769472
24	$\mathcal{O}(1; \{24, 12^3, 8, 6, 3, 2^3\})$	405504
24	$\mathcal{O}(1; \{24, 12^3, 8, 6, 4^2, 3\})$	1622016
24	$\mathcal{O}(1; \{24, 12^3, 8, 6^2, 3^2\})$	1585152
24	$\mathcal{O}(1; \{24, 12^3, 8, 6^3, 2\})$	774144
24	$\mathcal{O}(1; \{24, 12^3, 8^3, 4, 2\})$	3538944
24	$\mathcal{O}(1; \{24, 12^4, 8, 4, 3^2\})$	3096576
24	$\mathcal{O}(1; \{24, 12^4, 8, 6, 4, 2\})$	1622016
24	$\mathcal{O}(1; \{24, 12^5, 8, 3, 2\})$	3096576
24	$\mathcal{O}(1; \{24^2, 3, 2^{10}\})$	4608
24	$\mathcal{O}(1; \{24^2, 3^4, 2^6\})$	50688
24	$\mathcal{O}(1; \{24^2, 3^7, 2^2\})$	391680
24	$\mathcal{O}(1; \{24^2, 4^2, 3, 2^7\})$	18432
24	$\mathcal{O}(1; \{24^2, 4^2, 3^4, 2^3\})$	202752
24	$\mathcal{O}(1; \{24^2, 4^4, 3, 2^4\})$	73728
24	$\mathcal{O}(1; \{24^2, 4^4, 3^4\})$	811008
24	$\mathcal{O}(1; \{24^2, 4^6, 3, 2\})$	294912
24	$\mathcal{O}(1; \{24^2, 6, 3^2, 2^7\})$	23040
24	$\mathcal{O}(1; \{24^2, 6, 3^5, 2^3\})$	198144
24	$\mathcal{O}(1; \{24^2, 6, 4^2, 3^2, 2^4\})$	92160
24	$\mathcal{O}(1; \{24^2, 6, 4^2, 3^5\})$	792576
24	$\mathcal{O}(1; \{24^2, 6, 4^4, 3^2, 2\})$	368640
24	$\mathcal{O}(1; \{24^2, 6^2, 2^8\})$	13824
24	$\mathcal{O}(1; \{24^2, 6^2, 3^3, 2^4\})$	96768
24	$\mathcal{O}(1; \{24^2, 6^2, 3^6\})$	787968
24	$\mathcal{O}(1; \{24^2, 6^2, 4^2, 2^5\})$	55296

Continued on next page

Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^2, 6^2, 4^2, 3^3, 2\})$	387072
24	$\mathcal{O}(1; \{24^2, 6^2, 4^4, 2^2\})$	221184
24	$\mathcal{O}(1; \{24^2, 6^3, 3, 2^5\})$	50688
24	$\mathcal{O}(1; \{24^2, 6^3, 3^4, 2\})$	391680
24	$\mathcal{O}(1; \{24^2, 6^3, 4^2, 3, 2^2\})$	202752
24	$\mathcal{O}(1; \{24^2, 6^4, 3^2, 2^2\})$	198144
24	$\mathcal{O}(1; \{24^2, 6^5, 2^3\})$	96768
24	$\mathcal{O}(1; \{24^2, 6^5, 4^2\})$	387072
24	$\mathcal{O}(1; \{24^2, 6^6, 3\})$	391680
24	$\mathcal{O}(1; \{24^2, 8^2, 4, 3, 2^5\})$	147456
24	$\mathcal{O}(1; \{24^2, 8^2, 4, 3^4, 2\})$	1622016
24	$\mathcal{O}(1; \{24^2, 8^2, 4^3, 3, 2^2\})$	589824
24	$\mathcal{O}(1; \{24^2, 8^2, 6, 4, 3^2, 2^2\})$	737280
24	$\mathcal{O}(1; \{24^2, 8^2, 6^2, 4, 2^3\})$	442368
24	$\mathcal{O}(1; \{24^2, 8^2, 6^2, 4^3\})$	1769472
24	$\mathcal{O}(1; \{24^2, 8^2, 6^3, 4, 3\})$	1622016
24	$\mathcal{O}(1; \{24^2, 8^4, 3, 2^3\})$	1179648
24	$\mathcal{O}(1; \{24^2, 8^4, 4^2, 3\})$	4718592
24	$\mathcal{O}(1; \{24^2, 8^4, 6, 3^2\})$	5898240
24	$\mathcal{O}(1; \{24^2, 8^4, 6^2, 2\})$	3538944
24	$\mathcal{O}(1; \{24^2, 12, 4, 2^8\})$	18432
24	$\mathcal{O}(1; \{24^2, 12, 4, 3^3, 2^4\})$	202752
24	$\mathcal{O}(1; \{24^2, 12, 4, 3^6\})$	1566720
24	$\mathcal{O}(1; \{24^2, 12, 4^3, 2^5\})$	73728
24	$\mathcal{O}(1; \{24^2, 12, 4^3, 3^3, 2\})$	811008
24	$\mathcal{O}(1; \{24^2, 12, 4^5, 2^2\})$	294912
24	$\mathcal{O}(1; \{24^2, 12, 6, 4, 3, 2^5\})$	92160
24	$\mathcal{O}(1; \{24^2, 12, 6, 4, 3^4, 2\})$	792576
24	$\mathcal{O}(1; \{24^2, 12, 6, 4^3, 3, 2^2\})$	368640
24	$\mathcal{O}(1; \{24^2, 12, 6^2, 4, 3^2, 2^2\})$	387072
24	$\mathcal{O}(1; \{24^2, 12, 6^3, 4, 2^3\})$	202752
24	$\mathcal{O}(1; \{24^2, 12, 6^3, 4^3\})$	811008
24	$\mathcal{O}(1; \{24^2, 12, 6^4, 4, 3\})$	792576
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 2^6\})$	147456
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 3^3, 2^2\})$	1622016
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 4^2, 2^3\})$	589824
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 4^4\})$	2359296
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6, 3, 2^3\})$	737280
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6, 4^2, 3\})$	2949120
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6^2, 3^2\})$	3096576
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6^3, 2\})$	1622016
24	$\mathcal{O}(1; \{24^2, 12, 8^4, 4, 2\})$	4718592
24	$\mathcal{O}(1; \{24^2, 12^2, 3^2, 2^5\})$	202752

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^2, 12^2, 3^5, 2\})$	1566720
24	$\mathcal{O}(1; \{24^2, 12^2, 4^2, 3^2, 2^2\})$	811008
24	$\mathcal{O}(1; \{24^2, 12^2, 6, 2^6\})$	92160
24	$\mathcal{O}(1; \{24^2, 12^2, 6, 3^3, 2^2\})$	792576
24	$\mathcal{O}(1; \{24^2, 12^2, 6, 4^2, 2^3\})$	368640
24	$\mathcal{O}(1; \{24^2, 12^2, 6, 4^4\})$	1474560
24	$\mathcal{O}(1; \{24^2, 12^2, 6^2, 3, 2^3\})$	387072
24	$\mathcal{O}(1; \{24^2, 12^2, 6^2, 4^2, 3\})$	1548288
24	$\mathcal{O}(1; \{24^2, 12^2, 6^3, 3^2\})$	1566720
24	$\mathcal{O}(1; \{24^2, 12^2, 6^4, 2\})$	792576
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 4, 3^2\})$	6488064
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 6, 4, 2\})$	2949120
24	$\mathcal{O}(1; \{24^2, 12^3, 4, 3, 2^3\})$	811008
24	$\mathcal{O}(1; \{24^2, 12^3, 4^3, 3\})$	3244032
24	$\mathcal{O}(1; \{24^2, 12^3, 6, 4, 3^2\})$	3170304
24	$\mathcal{O}(1; \{24^2, 12^3, 6^2, 4, 2\})$	1548288
24	$\mathcal{O}(1; \{24^2, 12^3, 8^2, 3, 2\})$	6488064
24	$\mathcal{O}(1; \{24^2, 12^4, 2^4\})$	811008
24	$\mathcal{O}(1; \{24^2, 12^4, 3^3\})$	6266880
24	$\mathcal{O}(1; \{24^2, 12^4, 4^2, 2\})$	3244032
24	$\mathcal{O}(1; \{24^2, 12^4, 6, 3, 2\})$	3170304
24	$\mathcal{O}(1; \{24^3, 8, 3^2, 2^5\})$	368640
24	$\mathcal{O}(1; \{24^3, 8, 3^5, 2\})$	3170304
24	$\mathcal{O}(1; \{24^3, 8, 4^2, 3^2, 2^2\})$	1474560
24	$\mathcal{O}(1; \{24^3, 8, 6, 2^6\})$	221184
24	$\mathcal{O}(1; \{24^3, 8, 6, 3^3, 2^2\})$	1548288
24	$\mathcal{O}(1; \{24^3, 8, 6, 4^2, 2^3\})$	884736
24	$\mathcal{O}(1; \{24^3, 8, 6, 4^4\})$	3538944
24	$\mathcal{O}(1; \{24^3, 8, 6^2, 3, 2^3\})$	811008
24	$\mathcal{O}(1; \{24^3, 8, 6^2, 4^2, 3\})$	3244032
24	$\mathcal{O}(1; \{24^3, 8, 6^3, 3^2\})$	3170304
24	$\mathcal{O}(1; \{24^3, 8, 6^4, 2\})$	1548288
24	$\mathcal{O}(1; \{24^3, 8^3, 4, 3^2\})$	11796480
24	$\mathcal{O}(1; \{24^3, 8^3, 6, 4, 2\})$	7077888
24	$\mathcal{O}(1; \{24^3, 12, 8, 4, 3, 2^3\})$	1474560
24	$\mathcal{O}(1; \{24^3, 12, 8, 4^3, 3\})$	5898240
24	$\mathcal{O}(1; \{24^3, 12, 8, 6, 4, 3^2\})$	6193152
24	$\mathcal{O}(1; \{24^3, 12, 8, 6^2, 4, 2\})$	3244032
24	$\mathcal{O}(1; \{24^3, 12, 8^3, 3, 2\})$	11796480
24	$\mathcal{O}(1; \{24^3, 12^2, 8, 2^4\})$	1474560
24	$\mathcal{O}(1; \{24^3, 12^2, 8, 3^3\})$	12681216
24	$\mathcal{O}(1; \{24^3, 12^2, 8, 4^2, 2\})$	5898240
24	$\mathcal{O}(1; \{24^3, 12^2, 8, 6, 3, 2\})$	6193152

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^4, 4, 2^6\})$	442368
24	$\mathcal{O}(1; \{24^4, 4, 3^3, 2^2\})$	3096576
24	$\mathcal{O}(1; \{24^4, 4^3, 2^3\})$	1769472
24	$\mathcal{O}(1; \{24^4, 4^5\})$	7077888
24	$\mathcal{O}(1; \{24^4, 6, 4, 3, 2^3\})$	1622016
24	$\mathcal{O}(1; \{24^4, 6, 4^3, 3\})$	6488064
24	$\mathcal{O}(1; \{24^4, 6^2, 4, 3^2\})$	6340608
24	$\mathcal{O}(1; \{24^4, 6^3, 4, 2\})$	3096576
24	$\mathcal{O}(1; \{24^4, 8^2, 2^4\})$	3538944
24	$\mathcal{O}(1; \{24^4, 8^2, 3^3\})$	24772608
24	$\mathcal{O}(1; \{24^4, 8^2, 4^2, 2\})$	14155776
24	$\mathcal{O}(1; \{24^4, 8^2, 6, 3, 2\})$	12976128
24	$\mathcal{O}(1; \{24^4, 12, 3^2, 2^3\})$	3096576
24	$\mathcal{O}(1; \{24^4, 12, 4^2, 3^2\})$	12386304
24	$\mathcal{O}(1; \{24^4, 12, 6, 2^4\})$	1622016
24	$\mathcal{O}(1; \{24^4, 12, 6, 3^3\})$	12533760
24	$\mathcal{O}(1; \{24^4, 12, 6, 4^2, 2\})$	6488064
24	$\mathcal{O}(1; \{24^4, 12, 6^2, 3, 2\})$	6340608
24	$\mathcal{O}(1; \{24^4, 12^2, 4, 3, 2\})$	12386304
24	$\mathcal{O}(1; \{24^4, 12^3, 2^2\})$	12386304
24	$\mathcal{O}(1; \{24^5, 8, 4, 3, 2\})$	25952256
24	$\mathcal{O}(1; \{24^5, 12, 8, 2^2\})$	25952256
24	$\mathcal{O}(1; \{24^6, 3^2, 2\})$	50724864
24	$\mathcal{O}(1; \{24^6, 6, 2^2\})$	24772608
24	$\mathcal{O}(1; \{24^6, 12^2\})$	202899456
24	$\mathcal{O}(1; \{24^7, 8\})$	396361728
24	$\mathcal{O}(0; \{8^2, 3^2, 2^{13}\})$	8
24	$\mathcal{O}(0; \{8^2, 3^5, 2^9\})$	40
24	$\mathcal{O}(0; \{8^2, 3^8, 2^5\})$	344
24	$\mathcal{O}(0; \{8^2, 3^{11}, 2\})$	2728
24	$\mathcal{O}(0; \{8^2, 4^2, 3^2, 2^{10}\})$	32
24	$\mathcal{O}(0; \{8^2, 4^2, 3^5, 2^6\})$	160
24	$\mathcal{O}(0; \{8^2, 4^2, 3^8, 2^2\})$	1376
24	$\mathcal{O}(0; \{8^2, 4^4, 3^2, 2^7\})$	128
24	$\mathcal{O}(0; \{8^2, 4^4, 3^5, 2^3\})$	640
24	$\mathcal{O}(0; \{8^2, 4^6, 3^2, 2^4\})$	512
24	$\mathcal{O}(0; \{8^2, 4^6, 3^5\})$	2560
24	$\mathcal{O}(0; \{8^2, 4^8, 3^2, 2\})$	2048
24	$\mathcal{O}(0; \{8^2, 6, 3^3, 2^{10}\})$	24
24	$\mathcal{O}(0; \{8^2, 6, 3^6, 2^6\})$	168
24	$\mathcal{O}(0; \{8^2, 6, 3^9, 2^2\})$	1368
24	$\mathcal{O}(0; \{8^2, 6, 4^2, 3^3, 2^7\})$	96
24	$\mathcal{O}(0; \{8^2, 6, 4^2, 3^6, 2^3\})$	672

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{8^2, 6, 4^4, 3^3, 2^4\})$	384
24	$\mathcal{O}(0; \{8^2, 6, 4^4, 3^6\})$	2688
24	$\mathcal{O}(0; \{8^2, 6, 4^6, 3^3, 2\})$	1536
24	$\mathcal{O}(0; \{8^2, 6^2, 3, 2^{11}\})$	8
24	$\mathcal{O}(0; \{8^2, 6^2, 3^4, 2^7\})$	88
24	$\mathcal{O}(0; \{8^2, 6^2, 3^7, 2^3\})$	680
24	$\mathcal{O}(0; \{8^2, 6^2, 4^2, 3, 2^8\})$	32
24	$\mathcal{O}(0; \{8^2, 6^2, 4^2, 3^4, 2^4\})$	352
24	$\mathcal{O}(0; \{8^2, 6^2, 4^2, 3^7\})$	2720
24	$\mathcal{O}(0; \{8^2, 6^2, 4^4, 3, 2^5\})$	128
24	$\mathcal{O}(0; \{8^2, 6^2, 4^4, 3^4, 2\})$	1408
24	$\mathcal{O}(0; \{8^2, 6^2, 4^6, 3, 2^2\})$	512
24	$\mathcal{O}(0; \{8^2, 6^3, 3^2, 2^8\})$	40
24	$\mathcal{O}(0; \{8^2, 6^3, 3^5, 2^4\})$	344
24	$\mathcal{O}(0; \{8^2, 6^3, 3^8\})$	2728
24	$\mathcal{O}(0; \{8^2, 6^3, 4^2, 3^2, 2^5\})$	160
24	$\mathcal{O}(0; \{8^2, 6^3, 4^2, 3^5, 2\})$	1376
24	$\mathcal{O}(0; \{8^2, 6^3, 4^4, 3^2, 2^2\})$	640
24	$\mathcal{O}(0; \{8^2, 6^4, 2^9\})$	24
24	$\mathcal{O}(0; \{8^2, 6^4, 3^3, 2^5\})$	168
24	$\mathcal{O}(0; \{8^2, 6^4, 3^6, 2\})$	1368
24	$\mathcal{O}(0; \{8^2, 6^4, 4^2, 2^6\})$	96
24	$\mathcal{O}(0; \{8^2, 6^4, 4^2, 3^3, 2^2\})$	672
24	$\mathcal{O}(0; \{8^2, 6^4, 4^4, 2^3\})$	384
24	$\mathcal{O}(0; \{8^2, 6^4, 4^6\})$	1536
24	$\mathcal{O}(0; \{8^2, 6^5, 3, 2^6\})$	88
24	$\mathcal{O}(0; \{8^2, 6^5, 3^4, 2^2\})$	680
24	$\mathcal{O}(0; \{8^2, 6^5, 4^2, 3, 2^3\})$	352
24	$\mathcal{O}(0; \{8^2, 6^5, 4^4, 3\})$	1408
24	$\mathcal{O}(0; \{8^2, 6^6, 3^2, 2^3\})$	344
24	$\mathcal{O}(0; \{8^2, 6^6, 4^2, 3^2\})$	1376
24	$\mathcal{O}(0; \{8^2, 6^7, 2^4\})$	168
24	$\mathcal{O}(0; \{8^2, 6^7, 3^3\})$	1368
24	$\mathcal{O}(0; \{8^2, 6^7, 4^2, 2\})$	672
24	$\mathcal{O}(0; \{8^2, 6^8, 3, 2\})$	680
24	$\mathcal{O}(0; \{8^4, 4, 3^2, 2^8\})$	256
24	$\mathcal{O}(0; \{8^4, 4, 3^5, 2^4\})$	1280
24	$\mathcal{O}(0; \{8^4, 4, 3^8\})$	11008
24	$\mathcal{O}(0; \{8^4, 4^3, 3^2, 2^5\})$	1024
24	$\mathcal{O}(0; \{8^4, 4^3, 3^5, 2\})$	5120
24	$\mathcal{O}(0; \{8^4, 4^5, 3^2, 2^2\})$	4096
24	$\mathcal{O}(0; \{8^4, 6, 4, 3^3, 2^5\})$	768
24	$\mathcal{O}(0; \{8^4, 6, 4, 3^6, 2\})$	5376

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{8^4, 6, 4^3, 3^3, 2^2\})$	3072
24	$\mathcal{O}(0; \{8^4, 6^2, 4, 3, 2^6\})$	256
24	$\mathcal{O}(0; \{8^4, 6^2, 4, 3^4, 2^2\})$	2816
24	$\mathcal{O}(0; \{8^4, 6^2, 4^3, 3, 2^3\})$	1024
24	$\mathcal{O}(0; \{8^4, 6^2, 4^5, 3\})$	4096
24	$\mathcal{O}(0; \{8^4, 6^3, 4, 3^2, 2^3\})$	1280
24	$\mathcal{O}(0; \{8^4, 6^3, 4^3, 3^2\})$	5120
24	$\mathcal{O}(0; \{8^4, 6^4, 4, 2^4\})$	768
24	$\mathcal{O}(0; \{8^4, 6^4, 4, 3^3\})$	5376
24	$\mathcal{O}(0; \{8^4, 6^4, 4^3, 2\})$	3072
24	$\mathcal{O}(0; \{8^4, 6^5, 4, 3, 2\})$	2816
24	$\mathcal{O}(0; \{8^6, 3^2, 2^6\})$	2048
24	$\mathcal{O}(0; \{8^6, 3^5, 2^2\})$	10240
24	$\mathcal{O}(0; \{8^6, 4^2, 3^2, 2^3\})$	8192
24	$\mathcal{O}(0; \{8^6, 4^4, 3^2\})$	32768
24	$\mathcal{O}(0; \{8^6, 6, 3^3, 2^3\})$	6144
24	$\mathcal{O}(0; \{8^6, 6, 4^2, 3^3\})$	24576
24	$\mathcal{O}(0; \{8^6, 6^2, 3, 2^4\})$	2048
24	$\mathcal{O}(0; \{8^6, 6^2, 3^4\})$	22528
24	$\mathcal{O}(0; \{8^6, 6^2, 4^2, 3, 2\})$	8192
24	$\mathcal{O}(0; \{8^6, 6^3, 3^2, 2\})$	10240
24	$\mathcal{O}(0; \{8^6, 6^4, 2^2\})$	6144
24	$\mathcal{O}(0; \{8^8, 4, 3^2, 2\})$	65536
24	$\mathcal{O}(0; \{12, 8^2, 4, 3, 2^{11}\})$	32
24	$\mathcal{O}(0; \{12, 8^2, 4, 3^4, 2^7\})$	160
24	$\mathcal{O}(0; \{12, 8^2, 4, 3^7, 2^3\})$	1376
24	$\mathcal{O}(0; \{12, 8^2, 4^3, 3, 2^8\})$	128
24	$\mathcal{O}(0; \{12, 8^2, 4^3, 3^4, 2^4\})$	640
24	$\mathcal{O}(0; \{12, 8^2, 4^3, 3^7\})$	5504
24	$\mathcal{O}(0; \{12, 8^2, 4^5, 3, 2^5\})$	512
24	$\mathcal{O}(0; \{12, 8^2, 4^5, 3^4, 2\})$	2560
24	$\mathcal{O}(0; \{12, 8^2, 4^7, 3, 2^2\})$	2048
24	$\mathcal{O}(0; \{12, 8^2, 6, 4, 3^2, 2^8\})$	96
24	$\mathcal{O}(0; \{12, 8^2, 6, 4, 3^5, 2^4\})$	672
24	$\mathcal{O}(0; \{12, 8^2, 6, 4, 3^8\})$	5472
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^3, 3^2, 2^5\})$	384
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^3, 3^5, 2\})$	2688
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^5, 3^2, 2^2\})$	1536
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4, 2^9\})$	32
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4, 3^3, 2^5\})$	352
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4, 3^6, 2\})$	2720
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^3, 2^6\})$	128
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^3, 3^3, 2^2\})$	1408

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^5, 2^3\})$	512
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^7\})$	2048
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4, 3, 2^6\})$	160
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4, 3^4, 2^2\})$	1376
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4^3, 3, 2^3\})$	640
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4^5, 3\})$	2560
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 4, 3^2, 2^3\})$	672
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 4^3, 3^2\})$	2688
24	$\mathcal{O}(0; \{12, 8^2, 6^5, 4, 2^4\})$	352
24	$\mathcal{O}(0; \{12, 8^2, 6^5, 4, 3^3\})$	2720
24	$\mathcal{O}(0; \{12, 8^2, 6^5, 4^3, 2\})$	1408
24	$\mathcal{O}(0; \{12, 8^2, 6^6, 4, 3, 2\})$	1376
24	$\mathcal{O}(0; \{12, 8^4, 3, 2^9\})$	256
24	$\mathcal{O}(0; \{12, 8^4, 3^4, 2^5\})$	1280
24	$\mathcal{O}(0; \{12, 8^4, 3^7, 2\})$	11008
24	$\mathcal{O}(0; \{12, 8^4, 4^2, 3, 2^6\})$	1024
24	$\mathcal{O}(0; \{12, 8^4, 4^2, 3^4, 2^2\})$	5120
24	$\mathcal{O}(0; \{12, 8^4, 4^4, 3, 2^3\})$	4096
24	$\mathcal{O}(0; \{12, 8^4, 4^6, 3\})$	16384
24	$\mathcal{O}(0; \{12, 8^4, 6, 3^2, 2^6\})$	768
24	$\mathcal{O}(0; \{12, 8^4, 6, 3^5, 2^2\})$	5376
24	$\mathcal{O}(0; \{12, 8^4, 6, 4^2, 3^2, 2^3\})$	3072
24	$\mathcal{O}(0; \{12, 8^4, 6, 4^4, 3^2\})$	12288
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 2^7\})$	256
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 3^3, 2^3\})$	2816
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 4^2, 2^4\})$	1024
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 4^2, 3^3\})$	11264
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 4^4, 2\})$	4096
24	$\mathcal{O}(0; \{12, 8^4, 6^3, 3, 2^4\})$	1280
24	$\mathcal{O}(0; \{12, 8^4, 6^3, 3^4\})$	11008
24	$\mathcal{O}(0; \{12, 8^4, 6^3, 4^2, 3, 2\})$	5120
24	$\mathcal{O}(0; \{12, 8^4, 6^4, 3^2, 2\})$	5376
24	$\mathcal{O}(0; \{12, 8^4, 6^5, 2^2\})$	2816
24	$\mathcal{O}(0; \{12, 8^6, 4, 3, 2^4\})$	8192
24	$\mathcal{O}(0; \{12, 8^6, 4, 3^4\})$	40960
24	$\mathcal{O}(0; \{12, 8^6, 4^3, 3, 2\})$	32768
24	$\mathcal{O}(0; \{12, 8^6, 6, 4, 3^2, 2\})$	24576
24	$\mathcal{O}(0; \{12, 8^6, 6^2, 4, 2^2\})$	8192
24	$\mathcal{O}(0; \{12, 8^8, 3, 2^2\})$	65536
24	$\mathcal{O}(0; \{12, 8^8, 6^2\})$	65536
24	$\mathcal{O}(0; \{12^2, 8^2, 2^{12}\})$	32
24	$\mathcal{O}(0; \{12^2, 8^2, 3^3, 2^8\})$	160
24	$\mathcal{O}(0; \{12^2, 8^2, 3^6, 2^4\})$	1376

Continued on next page

Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12^2, 8^2, 3^9\})$	10912
24	$\mathcal{O}(0; \{12^2, 8^2, 4^2, 2^9\})$	128
24	$\mathcal{O}(0; \{12^2, 8^2, 4^2, 3^3, 2^5\})$	640
24	$\mathcal{O}(0; \{12^2, 8^2, 4^2, 3^6, 2\})$	5504
24	$\mathcal{O}(0; \{12^2, 8^2, 4^4, 2^6\})$	512
24	$\mathcal{O}(0; \{12^2, 8^2, 4^4, 3^3, 2^2\})$	2560
24	$\mathcal{O}(0; \{12^2, 8^2, 4^6, 2^3\})$	2048
24	$\mathcal{O}(0; \{12^2, 8^2, 4^8\})$	8192
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 3, 2^9\})$	96
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 3^4, 2^5\})$	672
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 3^7, 2\})$	5472
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^2, 3, 2^6\})$	384
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^2, 3^4, 2^2\})$	2688
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^4, 3, 2^3\})$	1536
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^6, 3\})$	6144
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 3^2, 2^6\})$	352
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 3^5, 2^2\})$	2720
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4^2, 3^2, 2^3\})$	1408
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4^4, 3^2\})$	5632
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 2^7\})$	160
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 3^3, 2^3\})$	1376
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 4^2, 2^4\})$	640
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 4^2, 3^3\})$	5504
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 4^4, 2\})$	2560
24	$\mathcal{O}(0; \{12^2, 8^2, 6^4, 3, 2^4\})$	672
24	$\mathcal{O}(0; \{12^2, 8^2, 6^4, 3^4\})$	5472
24	$\mathcal{O}(0; \{12^2, 8^2, 6^4, 4^2, 3, 2\})$	2688
24	$\mathcal{O}(0; \{12^2, 8^2, 6^5, 3^2, 2\})$	2720
24	$\mathcal{O}(0; \{12^2, 8^2, 6^6, 2^2\})$	1376
24	$\mathcal{O}(0; \{12^2, 8^4, 4, 2^7\})$	1024
24	$\mathcal{O}(0; \{12^2, 8^4, 4, 3^3, 2^3\})$	5120
24	$\mathcal{O}(0; \{12^2, 8^4, 4^3, 2^4\})$	4096
24	$\mathcal{O}(0; \{12^2, 8^4, 4^3, 3^3\})$	20480
24	$\mathcal{O}(0; \{12^2, 8^4, 4^5, 2\})$	16384
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 4, 3, 2^4\})$	3072
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 4, 3^4\})$	21504
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 4^3, 3, 2\})$	12288
24	$\mathcal{O}(0; \{12^2, 8^4, 6^2, 4, 3^2, 2\})$	11264
24	$\mathcal{O}(0; \{12^2, 8^4, 6^3, 4, 2^2\})$	5120
24	$\mathcal{O}(0; \{12^2, 8^6, 2^5\})$	8192
24	$\mathcal{O}(0; \{12^2, 8^6, 3^3, 2\})$	40960
24	$\mathcal{O}(0; \{12^2, 8^6, 4^2, 2^2\})$	32768
24	$\mathcal{O}(0; \{12^2, 8^6, 6, 3, 2^2\})$	24576

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12^2, 8^6, 6^3\})$	40960
24	$\mathcal{O}(0; \{12^2, 8^8, 4\})$	262144
24	$\mathcal{O}(0; \{12^3, 8^2, 4, 3^2, 2^6\})$	640
24	$\mathcal{O}(0; \{12^3, 8^2, 4, 3^5, 2^2\})$	5504
24	$\mathcal{O}(0; \{12^3, 8^2, 4^3, 3^2, 2^3\})$	2560
24	$\mathcal{O}(0; \{12^3, 8^2, 4^5, 3^2\})$	10240
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4, 2^7\})$	384
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4, 3^3, 2^3\})$	2688
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4^3, 2^4\})$	1536
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4^3, 3^3\})$	10752
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4^5, 2\})$	6144
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 4, 3, 2^4\})$	1408
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 4, 3^4\})$	10880
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 4^3, 3, 2\})$	5632
24	$\mathcal{O}(0; \{12^3, 8^2, 6^3, 4, 3^2, 2\})$	5504
24	$\mathcal{O}(0; \{12^3, 8^2, 6^4, 4, 2^2\})$	2688
24	$\mathcal{O}(0; \{12^3, 8^4, 3^2, 2^4\})$	5120
24	$\mathcal{O}(0; \{12^3, 8^4, 3^5\})$	44032
24	$\mathcal{O}(0; \{12^3, 8^4, 4^2, 3^2, 2\})$	20480
24	$\mathcal{O}(0; \{12^3, 8^4, 6, 2^5\})$	3072
24	$\mathcal{O}(0; \{12^3, 8^4, 6, 3^3, 2\})$	21504
24	$\mathcal{O}(0; \{12^3, 8^4, 6, 4^2, 2^2\})$	12288
24	$\mathcal{O}(0; \{12^3, 8^4, 6^2, 3, 2^2\})$	11264
24	$\mathcal{O}(0; \{12^3, 8^4, 6^4\})$	21504
24	$\mathcal{O}(0; \{12^3, 8^6, 6, 4\})$	98304
24	$\mathcal{O}(0; \{12^4, 8^2, 3, 2^7\})$	640
24	$\mathcal{O}(0; \{12^4, 8^2, 3^4, 2^3\})$	5504
24	$\mathcal{O}(0; \{12^4, 8^2, 4^2, 3, 2^4\})$	2560
24	$\mathcal{O}(0; \{12^4, 8^2, 4^2, 3^4\})$	22016
24	$\mathcal{O}(0; \{12^4, 8^2, 4^4, 3, 2\})$	10240
24	$\mathcal{O}(0; \{12^4, 8^2, 6, 3^2, 2^4\})$	2688
24	$\mathcal{O}(0; \{12^4, 8^2, 6, 3^5\})$	21888
24	$\mathcal{O}(0; \{12^4, 8^2, 6, 4^2, 3^2, 2\})$	10752
24	$\mathcal{O}(0; \{12^4, 8^2, 6^2, 2^5\})$	1408
24	$\mathcal{O}(0; \{12^4, 8^2, 6^2, 3^3, 2\})$	10880
24	$\mathcal{O}(0; \{12^4, 8^2, 6^2, 4^2, 2^2\})$	5632
24	$\mathcal{O}(0; \{12^4, 8^2, 6^3, 3, 2^2\})$	5504
24	$\mathcal{O}(0; \{12^4, 8^2, 6^5\})$	10880
24	$\mathcal{O}(0; \{12^4, 8^4, 4, 3, 2^2\})$	20480
24	$\mathcal{O}(0; \{12^4, 8^4, 6^2, 4\})$	45056
24	$\mathcal{O}(0; \{12^4, 8^6, 3\})$	163840
24	$\mathcal{O}(0; \{12^5, 8^2, 4, 2^5\})$	2560
24	$\mathcal{O}(0; \{12^5, 8^2, 4, 3^3, 2\})$	22016

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12^5, 8^2, 4^3, 2^2\})$	10240
24	$\mathcal{O}(0; \{12^5, 8^2, 6, 4, 3, 2^2\})$	10752
24	$\mathcal{O}(0; \{12^5, 8^2, 6^3, 4\})$	22016
24	$\mathcal{O}(0; \{12^5, 8^4, 2^3\})$	20480
24	$\mathcal{O}(0; \{12^5, 8^4, 4^2\})$	81920
24	$\mathcal{O}(0; \{12^5, 8^4, 6, 3\})$	86016
24	$\mathcal{O}(0; \{12^6, 8^2, 3^2, 2^2\})$	22016
24	$\mathcal{O}(0; \{12^6, 8^2, 6, 2^3\})$	10752
24	$\mathcal{O}(0; \{12^6, 8^2, 6, 4^2\})$	43008
24	$\mathcal{O}(0; \{12^6, 8^2, 6^2, 3\})$	43520
24	$\mathcal{O}(0; \{12^7, 8^2, 4, 3\})$	88064
24	$\mathcal{O}(0; \{12^8, 8^2, 2\})$	88064
24	$\mathcal{O}(0; \{24, 8, 4, 3^3, 2^{10}\})$	48
24	$\mathcal{O}(0; \{24, 8, 4, 3^6, 2^6\})$	336
24	$\mathcal{O}(0; \{24, 8, 4, 3^9, 2^2\})$	2736
24	$\mathcal{O}(0; \{24, 8, 4^3, 3^3, 2^7\})$	192
24	$\mathcal{O}(0; \{24, 8, 4^3, 3^6, 2^3\})$	1344
24	$\mathcal{O}(0; \{24, 8, 4^5, 3^3, 2^4\})$	768
24	$\mathcal{O}(0; \{24, 8, 4^5, 3^6\})$	5376
24	$\mathcal{O}(0; \{24, 8, 4^7, 3^3, 2\})$	3072
24	$\mathcal{O}(0; \{24, 8, 6, 4, 3, 2^{11}\})$	16
24	$\mathcal{O}(0; \{24, 8, 6, 4, 3^4, 2^7\})$	176
24	$\mathcal{O}(0; \{24, 8, 6, 4, 3^7, 2^3\})$	1360
24	$\mathcal{O}(0; \{24, 8, 6, 4^3, 3, 2^8\})$	64
24	$\mathcal{O}(0; \{24, 8, 6, 4^3, 3^4, 2^4\})$	704
24	$\mathcal{O}(0; \{24, 8, 6, 4^3, 3^7\})$	5440
24	$\mathcal{O}(0; \{24, 8, 6, 4^5, 3, 2^5\})$	256
24	$\mathcal{O}(0; \{24, 8, 6, 4^5, 3^4, 2\})$	2816
24	$\mathcal{O}(0; \{24, 8, 6, 4^7, 3, 2^2\})$	1024
24	$\mathcal{O}(0; \{24, 8, 6^2, 4, 3^2, 2^8\})$	80
24	$\mathcal{O}(0; \{24, 8, 6^2, 4, 3^5, 2^4\})$	688
24	$\mathcal{O}(0; \{24, 8, 6^2, 4, 3^8\})$	5456
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^3, 3^2, 2^5\})$	320
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^3, 3^5, 2\})$	2752
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^5, 3^2, 2^2\})$	1280
24	$\mathcal{O}(0; \{24, 8, 6^3, 4, 2^9\})$	48
24	$\mathcal{O}(0; \{24, 8, 6^3, 4, 3^3, 2^5\})$	336
24	$\mathcal{O}(0; \{24, 8, 6^3, 4, 3^6, 2\})$	2736
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^3, 2^6\})$	192
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^3, 3^3, 2^2\})$	1344
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^5, 2^3\})$	768
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^7\})$	3072
24	$\mathcal{O}(0; \{24, 8, 6^4, 4, 3, 2^6\})$	176

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 8, 6^4, 4, 3^4, 2^2\})$	1360
24	$\mathcal{O}(0; \{24, 8, 6^4, 4^3, 3, 2^3\})$	704
24	$\mathcal{O}(0; \{24, 8, 6^4, 4^5, 3\})$	2816
24	$\mathcal{O}(0; \{24, 8, 6^5, 4, 3^2, 2^3\})$	688
24	$\mathcal{O}(0; \{24, 8, 6^5, 4^3, 3^2\})$	2752
24	$\mathcal{O}(0; \{24, 8, 6^6, 4, 2^4\})$	336
24	$\mathcal{O}(0; \{24, 8, 6^6, 4, 3^3\})$	2736
24	$\mathcal{O}(0; \{24, 8, 6^6, 4^3, 2\})$	1344
24	$\mathcal{O}(0; \{24, 8, 6^7, 4, 3, 2\})$	1360
24	$\mathcal{O}(0; \{24, 8^3, 3^3, 2^8\})$	384
24	$\mathcal{O}(0; \{24, 8^3, 3^6, 2^4\})$	2688
24	$\mathcal{O}(0; \{24, 8^3, 3^9\})$	21888
24	$\mathcal{O}(0; \{24, 8^3, 4^2, 3^3, 2^5\})$	1536
24	$\mathcal{O}(0; \{24, 8^3, 4^2, 3^6, 2\})$	10752
24	$\mathcal{O}(0; \{24, 8^3, 4^4, 3^3, 2^2\})$	6144
24	$\mathcal{O}(0; \{24, 8^3, 6, 3, 2^9\})$	128
24	$\mathcal{O}(0; \{24, 8^3, 6, 3^4, 2^5\})$	1408
24	$\mathcal{O}(0; \{24, 8^3, 6, 3^7, 2\})$	10880
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^2, 3, 2^6\})$	512
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^2, 3^4, 2^2\})$	5632
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^4, 3, 2^3\})$	2048
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^6, 3\})$	8192
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 3^2, 2^6\})$	640
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 3^5, 2^2\})$	5504
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4^2, 3^2, 2^3\})$	2560
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4^4, 3^2\})$	10240
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 2^7\})$	384
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 3^3, 2^3\})$	2688
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 4^2, 2^4\})$	1536
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 4^2, 3^3\})$	10752
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 4^4, 2\})$	6144
24	$\mathcal{O}(0; \{24, 8^3, 6^4, 3, 2^4\})$	1408
24	$\mathcal{O}(0; \{24, 8^3, 6^4, 3^4\})$	10880
24	$\mathcal{O}(0; \{24, 8^3, 6^4, 4^2, 3, 2\})$	5632
24	$\mathcal{O}(0; \{24, 8^3, 6^5, 3^2, 2\})$	5504
24	$\mathcal{O}(0; \{24, 8^3, 6^6, 2^2\})$	2688
24	$\mathcal{O}(0; \{24, 8^5, 4, 3^3, 2^3\})$	12288
24	$\mathcal{O}(0; \{24, 8^5, 4^3, 3^3\})$	49152
24	$\mathcal{O}(0; \{24, 8^5, 6, 4, 3, 2^4\})$	4096
24	$\mathcal{O}(0; \{24, 8^5, 6, 4, 3^4\})$	45056
24	$\mathcal{O}(0; \{24, 8^5, 6, 4^3, 3, 2\})$	16384
24	$\mathcal{O}(0; \{24, 8^5, 6^2, 4, 3^2, 2\})$	20480
24	$\mathcal{O}(0; \{24, 8^5, 6^3, 4, 2^2\})$	12288

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 8^7, 3^3, 2\})$	98304
24	$\mathcal{O}(0; \{24, 8^7, 6, 3, 2^2\})$	32768
24	$\mathcal{O}(0; \{24, 8^7, 6^3\})$	98304
24	$\mathcal{O}(0; \{24, 12, 8, 3^2, 2^{11}\})$	48
24	$\mathcal{O}(0; \{24, 12, 8, 3^5, 2^7\})$	336
24	$\mathcal{O}(0; \{24, 12, 8, 3^8, 2^3\})$	2736
24	$\mathcal{O}(0; \{24, 12, 8, 4^2, 3^2, 2^8\})$	192
24	$\mathcal{O}(0; \{24, 12, 8, 4^2, 3^5, 2^4\})$	1344
24	$\mathcal{O}(0; \{24, 12, 8, 4^2, 3^8\})$	10944
24	$\mathcal{O}(0; \{24, 12, 8, 4^4, 3^2, 2^5\})$	768
24	$\mathcal{O}(0; \{24, 12, 8, 4^4, 3^5, 2\})$	5376
24	$\mathcal{O}(0; \{24, 12, 8, 4^6, 3^2, 2^2\})$	3072
24	$\mathcal{O}(0; \{24, 12, 8, 6, 2^{12}\})$	16
24	$\mathcal{O}(0; \{24, 12, 8, 6, 3^3, 2^8\})$	176
24	$\mathcal{O}(0; \{24, 12, 8, 6, 3^6, 2^4\})$	1360
24	$\mathcal{O}(0; \{24, 12, 8, 6, 3^9\})$	10928
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^2, 2^9\})$	64
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^2, 3^3, 2^5\})$	704
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^2, 3^6, 2\})$	5440
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^4, 2^6\})$	256
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^4, 3^3, 2^2\})$	2816
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^6, 2^3\})$	1024
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^8\})$	4096
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 3, 2^9\})$	80
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 3^4, 2^5\})$	688
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 3^7, 2\})$	5456
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^2, 3, 2^6\})$	320
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^2, 3^4, 2^2\})$	2752
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^4, 3, 2^3\})$	1280
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^6, 3\})$	5120
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 3^2, 2^6\})$	336
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 3^5, 2^2\})$	2736
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4^2, 3^2, 2^3\})$	1344
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4^4, 3^2\})$	5376
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 2^7\})$	176
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 3^3, 2^3\})$	1360
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 4^2, 2^4\})$	704
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 4^2, 3^3\})$	5440
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 4^4, 2\})$	2816
24	$\mathcal{O}(0; \{24, 12, 8, 6^5, 3, 2^4\})$	688
24	$\mathcal{O}(0; \{24, 12, 8, 6^5, 3^4\})$	5456
24	$\mathcal{O}(0; \{24, 12, 8, 6^5, 4^2, 3, 2\})$	2752
24	$\mathcal{O}(0; \{24, 12, 8, 6^6, 3^2, 2\})$	2736

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12, 8, 6^7, 2^2\})$	1360
24	$\mathcal{O}(0; \{24, 12, 8^3, 4, 3^2, 2^6\})$	1536
24	$\mathcal{O}(0; \{24, 12, 8^3, 4, 3^5, 2^2\})$	10752
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^3, 3^2, 2^3\})$	6144
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^5, 3^2\})$	24576
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4, 2^7\})$	512
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4, 3^3, 2^3\})$	5632
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4^3, 2^4\})$	2048
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4^3, 3^3\})$	22528
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4^5, 2\})$	8192
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 4, 3, 2^4\})$	2560
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 4, 3^4\})$	22016
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 4^3, 3, 2\})$	10240
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^3, 4, 3^2, 2\})$	10752
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^4, 4, 2^2\})$	5632
24	$\mathcal{O}(0; \{24, 12, 8^5, 3^2, 2^4\})$	12288
24	$\mathcal{O}(0; \{24, 12, 8^5, 3^5\})$	86016
24	$\mathcal{O}(0; \{24, 12, 8^5, 4^2, 3^2, 2\})$	49152
24	$\mathcal{O}(0; \{24, 12, 8^5, 6, 2^5\})$	4096
24	$\mathcal{O}(0; \{24, 12, 8^5, 6, 3^3, 2\})$	45056
24	$\mathcal{O}(0; \{24, 12, 8^5, 6, 4^2, 2^2\})$	16384
24	$\mathcal{O}(0; \{24, 12, 8^5, 6^2, 3, 2^2\})$	20480
24	$\mathcal{O}(0; \{24, 12, 8^5, 6^4\})$	45056
24	$\mathcal{O}(0; \{24, 12, 8^7, 6, 4\})$	131072
24	$\mathcal{O}(0; \{24, 12^2, 8, 4, 3, 2^9\})$	192
24	$\mathcal{O}(0; \{24, 12^2, 8, 4, 3^4, 2^5\})$	1344
24	$\mathcal{O}(0; \{24, 12^2, 8, 4, 3^7, 2\})$	10944
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^3, 3, 2^6\})$	768
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^3, 3^4, 2^2\})$	5376
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^5, 3, 2^3\})$	3072
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^7, 3\})$	12288
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4, 3^2, 2^6\})$	704
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4, 3^5, 2^2\})$	5440
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^3, 3^2, 2^3\})$	2816
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^5, 3^2\})$	11264
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4, 2^7\})$	320
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4, 3^3, 2^3\})$	2752
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4^3, 2^4\})$	1280
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4^3, 3^3\})$	11008
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4^5, 2\})$	5120
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 4, 3, 2^4\})$	1344
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 4, 3^4\})$	10944
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 4^3, 3, 2\})$	5376

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^4, 4, 3^2, 2\})$	5440
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^5, 4, 2^2\})$	2752
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 3, 2^7\})$	1536
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 3^4, 2^3\})$	10752
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4^2, 3, 2^4\})$	6144
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4^2, 3^4\})$	43008
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4^4, 3, 2\})$	24576
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6, 3^2, 2^4\})$	5632
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6, 3^5\})$	43520
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6, 4^2, 3^2, 2\})$	22528
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^2, 2^5\})$	2560
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^2, 3^3, 2\})$	22016
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^2, 4^2, 2^2\})$	10240
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^3, 3, 2^2\})$	10752
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^5\})$	22016
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 4, 3, 2^2\})$	49152
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 6^2, 4\})$	81920
24	$\mathcal{O}(0; \{24, 12^2, 8^7, 3\})$	393216
24	$\mathcal{O}(0; \{24, 12^3, 8, 2^{10}\})$	192
24	$\mathcal{O}(0; \{24, 12^3, 8, 3^3, 2^6\})$	1344
24	$\mathcal{O}(0; \{24, 12^3, 8, 3^6, 2^2\})$	10944
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^2, 2^7\})$	768
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^2, 3^3, 2^3\})$	5376
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^4, 2^4\})$	3072
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^4, 3^3\})$	21504
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^6, 2\})$	12288
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 3, 2^7\})$	704
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 3^4, 2^3\})$	5440
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4^2, 3, 2^4\})$	2816
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4^2, 3^4\})$	21760
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4^4, 3, 2\})$	11264
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^2, 3^2, 2^4\})$	2752
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^2, 3^5\})$	21824
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^2, 4^2, 3^2, 2\})$	11008
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^3, 2^5\})$	1344
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^3, 3^3, 2\})$	10944
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^3, 4^2, 2^2\})$	5376
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^4, 3, 2^2\})$	5440
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^6\})$	10944
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 4, 2^5\})$	6144
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 4, 3^3, 2\})$	43008
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 4^3, 2^2\})$	24576
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6, 4, 3, 2^2\})$	22528

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6^3, 4\})$	43008
24	$\mathcal{O}(0; \{24, 12^3, 8^5, 2^3\})$	49152
24	$\mathcal{O}(0; \{24, 12^3, 8^5, 4^2\})$	196608
24	$\mathcal{O}(0; \{24, 12^3, 8^5, 6, 3\})$	180224
24	$\mathcal{O}(0; \{24, 12^4, 8, 4, 3^2, 2^4\})$	5376
24	$\mathcal{O}(0; \{24, 12^4, 8, 4, 3^5\})$	43776
24	$\mathcal{O}(0; \{24, 12^4, 8, 4^3, 3^2, 2\})$	21504
24	$\mathcal{O}(0; \{24, 12^4, 8, 6, 4, 2^5\})$	2816
24	$\mathcal{O}(0; \{24, 12^4, 8, 6, 4, 3^3, 2\})$	21760
24	$\mathcal{O}(0; \{24, 12^4, 8, 6, 4^3, 2^2\})$	11264
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^2, 4, 3, 2^2\})$	11008
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^4, 4\})$	21760
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 3^2, 2^2\})$	43008
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 6, 2^3\})$	22528
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 6, 4^2\})$	90112
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 6^2, 3\})$	88064
24	$\mathcal{O}(0; \{24, 12^5, 8, 3, 2^5\})$	5376
24	$\mathcal{O}(0; \{24, 12^5, 8, 3^4, 2\})$	43776
24	$\mathcal{O}(0; \{24, 12^5, 8, 4^2, 3, 2^2\})$	21504
24	$\mathcal{O}(0; \{24, 12^5, 8, 6, 3^2, 2^2\})$	21760
24	$\mathcal{O}(0; \{24, 12^5, 8, 6^2, 2^3\})$	11008
24	$\mathcal{O}(0; \{24, 12^5, 8, 6^2, 4^2\})$	44032
24	$\mathcal{O}(0; \{24, 12^5, 8, 6^3, 3\})$	43776
24	$\mathcal{O}(0; \{24, 12^5, 8^3, 4, 3\})$	172032
24	$\mathcal{O}(0; \{24, 12^6, 8, 4, 2^3\})$	21504
24	$\mathcal{O}(0; \{24, 12^6, 8, 4^3\})$	86016
24	$\mathcal{O}(0; \{24, 12^6, 8, 6, 4, 3\})$	87040
24	$\mathcal{O}(0; \{24, 12^6, 8^3, 2\})$	172032
24	$\mathcal{O}(0; \{24, 12^7, 8, 3^2\})$	175104
24	$\mathcal{O}(0; \{24, 12^7, 8, 6, 2\})$	87040
24	$\mathcal{O}(0; \{24^2, 3, 2^{14}\})$	8
24	$\mathcal{O}(0; \{24^2, 3^4, 2^{10}\})$	88
24	$\mathcal{O}(0; \{24^2, 3^7, 2^6\})$	680
24	$\mathcal{O}(0; \{24^2, 3^{10}, 2^2\})$	5464
24	$\mathcal{O}(0; \{24^2, 4^2, 3, 2^{11}\})$	32
24	$\mathcal{O}(0; \{24^2, 4^2, 3^4, 2^7\})$	352
24	$\mathcal{O}(0; \{24^2, 4^2, 3^7, 2^3\})$	2720
24	$\mathcal{O}(0; \{24^2, 4^4, 3, 2^8\})$	128
24	$\mathcal{O}(0; \{24^2, 4^4, 3^4, 2^4\})$	1408
24	$\mathcal{O}(0; \{24^2, 4^4, 3^7\})$	10880
24	$\mathcal{O}(0; \{24^2, 4^6, 3, 2^5\})$	512
24	$\mathcal{O}(0; \{24^2, 4^6, 3^4, 2\})$	5632
24	$\mathcal{O}(0; \{24^2, 4^8, 3, 2^2\})$	2048

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 6, 3^2, 2^{11}\})$	40
24	$\mathcal{O}(0; \{24^2, 6, 3^5, 2^7\})$	344
24	$\mathcal{O}(0; \{24^2, 6, 3^8, 2^3\})$	2728
24	$\mathcal{O}(0; \{24^2, 6, 4^2, 3^2, 2^8\})$	160
24	$\mathcal{O}(0; \{24^2, 6, 4^2, 3^5, 2^4\})$	1376
24	$\mathcal{O}(0; \{24^2, 6, 4^2, 3^8\})$	10912
24	$\mathcal{O}(0; \{24^2, 6, 4^4, 3^2, 2^5\})$	640
24	$\mathcal{O}(0; \{24^2, 6, 4^4, 3^5, 2\})$	5504
24	$\mathcal{O}(0; \{24^2, 6, 4^6, 3^2, 2^2\})$	2560
24	$\mathcal{O}(0; \{24^2, 6^2, 2^{12}\})$	24
24	$\mathcal{O}(0; \{24^2, 6^2, 3^3, 2^8\})$	168
24	$\mathcal{O}(0; \{24^2, 6^2, 3^6, 2^4\})$	1368
24	$\mathcal{O}(0; \{24^2, 6^2, 3^9\})$	10920
24	$\mathcal{O}(0; \{24^2, 6^2, 4^2, 2^9\})$	96
24	$\mathcal{O}(0; \{24^2, 6^2, 4^2, 3^3, 2^5\})$	672
24	$\mathcal{O}(0; \{24^2, 6^2, 4^2, 3^6, 2\})$	5472
24	$\mathcal{O}(0; \{24^2, 6^2, 4^4, 2^6\})$	384
24	$\mathcal{O}(0; \{24^2, 6^2, 4^4, 3^3, 2^2\})$	2688
24	$\mathcal{O}(0; \{24^2, 6^2, 4^6, 2^3\})$	1536
24	$\mathcal{O}(0; \{24^2, 6^2, 4^8\})$	6144
24	$\mathcal{O}(0; \{24^2, 6^3, 3, 2^9\})$	88
24	$\mathcal{O}(0; \{24^2, 6^3, 3^4, 2^5\})$	680
24	$\mathcal{O}(0; \{24^2, 6^3, 3^7, 2\})$	5464
24	$\mathcal{O}(0; \{24^2, 6^3, 4^2, 3, 2^6\})$	352
24	$\mathcal{O}(0; \{24^2, 6^3, 4^2, 3^4, 2^2\})$	2720
24	$\mathcal{O}(0; \{24^2, 6^3, 4^4, 3, 2^3\})$	1408
24	$\mathcal{O}(0; \{24^2, 6^3, 4^6, 3\})$	5632
24	$\mathcal{O}(0; \{24^2, 6^4, 3^2, 2^6\})$	344
24	$\mathcal{O}(0; \{24^2, 6^4, 3^5, 2^2\})$	2728
24	$\mathcal{O}(0; \{24^2, 6^4, 4^2, 3^2, 2^3\})$	1376
24	$\mathcal{O}(0; \{24^2, 6^4, 4^4, 3^2\})$	5504
24	$\mathcal{O}(0; \{24^2, 6^5, 2^7\})$	168
24	$\mathcal{O}(0; \{24^2, 6^5, 3^3, 2^3\})$	1368
24	$\mathcal{O}(0; \{24^2, 6^5, 4^2, 2^4\})$	672
24	$\mathcal{O}(0; \{24^2, 6^5, 4^2, 3^3\})$	5472
24	$\mathcal{O}(0; \{24^2, 6^5, 4^4, 2\})$	2688
24	$\mathcal{O}(0; \{24^2, 6^6, 3, 2^4\})$	680
24	$\mathcal{O}(0; \{24^2, 6^6, 3^4\})$	5464
24	$\mathcal{O}(0; \{24^2, 6^6, 4^2, 3, 2\})$	2720
24	$\mathcal{O}(0; \{24^2, 6^7, 3^2, 2\})$	2728
24	$\mathcal{O}(0; \{24^2, 6^8, 2^2\})$	1368
24	$\mathcal{O}(0; \{24^2, 8^2, 4, 3, 2^9\})$	256
24	$\mathcal{O}(0; \{24^2, 8^2, 4, 3^4, 2^5\})$	2816

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 8^2, 4, 3^7, 2\})$	21760
24	$\mathcal{O}(0; \{24^2, 8^2, 4^3, 3, 2^6\})$	1024
24	$\mathcal{O}(0; \{24^2, 8^2, 4^3, 3^4, 2^2\})$	11264
24	$\mathcal{O}(0; \{24^2, 8^2, 4^5, 3, 2^3\})$	4096
24	$\mathcal{O}(0; \{24^2, 8^2, 4^7, 3\})$	16384
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4, 3^2, 2^6\})$	1280
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4, 3^5, 2^2\})$	11008
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^3, 3^2, 2^3\})$	5120
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^5, 3^2\})$	20480
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4, 2^7\})$	768
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4, 3^3, 2^3\})$	5376
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4^3, 2^4\})$	3072
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4^3, 3^3\})$	21504
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4^5, 2\})$	12288
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 4, 3, 2^4\})$	2816
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 4, 3^4\})$	21760
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 4^3, 3, 2\})$	11264
24	$\mathcal{O}(0; \{24^2, 8^2, 6^4, 4, 3^2, 2\})$	11008
24	$\mathcal{O}(0; \{24^2, 8^2, 6^5, 4, 2^2\})$	5376
24	$\mathcal{O}(0; \{24^2, 8^4, 3, 2^7\})$	2048
24	$\mathcal{O}(0; \{24^2, 8^4, 3^4, 2^3\})$	22528
24	$\mathcal{O}(0; \{24^2, 8^4, 4^2, 3, 2^4\})$	8192
24	$\mathcal{O}(0; \{24^2, 8^4, 4^2, 3^4\})$	90112
24	$\mathcal{O}(0; \{24^2, 8^4, 4^4, 3, 2\})$	32768
24	$\mathcal{O}(0; \{24^2, 8^4, 6, 3^2, 2^4\})$	10240
24	$\mathcal{O}(0; \{24^2, 8^4, 6, 3^5\})$	88064
24	$\mathcal{O}(0; \{24^2, 8^4, 6, 4^2, 3^2, 2\})$	40960
24	$\mathcal{O}(0; \{24^2, 8^4, 6^2, 2^5\})$	6144
24	$\mathcal{O}(0; \{24^2, 8^4, 6^2, 3^3, 2\})$	43008
24	$\mathcal{O}(0; \{24^2, 8^4, 6^2, 4^2, 2^2\})$	24576
24	$\mathcal{O}(0; \{24^2, 8^4, 6^3, 3, 2^2\})$	22528
24	$\mathcal{O}(0; \{24^2, 8^4, 6^5\})$	43008
24	$\mathcal{O}(0; \{24^2, 8^6, 4, 3, 2^2\})$	65536
24	$\mathcal{O}(0; \{24^2, 8^6, 6^2, 4\})$	196608
24	$\mathcal{O}(0; \{24^2, 8^8, 3\})$	524288
24	$\mathcal{O}(0; \{24^2, 12, 4, 2^{12}\})$	32
24	$\mathcal{O}(0; \{24^2, 12, 4, 3^3, 2^8\})$	352
24	$\mathcal{O}(0; \{24^2, 12, 4, 3^6, 2^4\})$	2720
24	$\mathcal{O}(0; \{24^2, 12, 4, 3^9\})$	21856
24	$\mathcal{O}(0; \{24^2, 12, 4^3, 2^9\})$	128
24	$\mathcal{O}(0; \{24^2, 12, 4^3, 3^3, 2^5\})$	1408
24	$\mathcal{O}(0; \{24^2, 12, 4^3, 3^6, 2\})$	10880
24	$\mathcal{O}(0; \{24^2, 12, 4^5, 2^6\})$	512

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12, 4^5, 3^3, 2^2\})$	5632
24	$\mathcal{O}(0; \{24^2, 12, 4^7, 2^3\})$	2048
24	$\mathcal{O}(0; \{24^2, 12, 4^9\})$	8192
24	$\mathcal{O}(0; \{24^2, 12, 6, 4, 3, 2^9\})$	160
24	$\mathcal{O}(0; \{24^2, 12, 6, 4, 3^4, 2^5\})$	1376
24	$\mathcal{O}(0; \{24^2, 12, 6, 4, 3^7, 2\})$	10912
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^3, 3, 2^6\})$	640
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^3, 3^4, 2^2\})$	5504
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^5, 3, 2^3\})$	2560
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^7, 3\})$	10240
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4, 3^2, 2^6\})$	672
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4, 3^5, 2^2\})$	5472
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^3, 3^2, 2^3\})$	2688
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^5, 3^2\})$	10752
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4, 2^7\})$	352
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4, 3^3, 2^3\})$	2720
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4^3, 2^4\})$	1408
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4^3, 3^3\})$	10880
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4^5, 2\})$	5632
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 4, 3, 2^4\})$	1376
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 4, 3^4\})$	10912
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 4^3, 3, 2\})$	5504
24	$\mathcal{O}(0; \{24^2, 12, 6^5, 4, 3^2, 2\})$	5472
24	$\mathcal{O}(0; \{24^2, 12, 6^6, 4, 2^2\})$	2720
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 2^{10}\})$	256
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 3^3, 2^6\})$	2816
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 3^6, 2^2\})$	21760
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^2, 2^7\})$	1024
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^2, 3^3, 2^3\})$	11264
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^4, 2^4\})$	4096
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^4, 3^3\})$	45056
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^6, 2\})$	16384
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 3, 2^7\})$	1280
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 3^4, 2^3\})$	11008
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4^2, 3, 2^4\})$	5120
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4^2, 3^4\})$	44032
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4^4, 3, 2\})$	20480
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^2, 3^2, 2^4\})$	5376
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^2, 3^5\})$	43776
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^2, 4^2, 3^2, 2\})$	21504
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^3, 2^5\})$	2816
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^3, 3^3, 2\})$	21760
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^3, 4^2, 2^2\})$	11264

Continued on next page

Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^4, 3, 2^2\})$	11008
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^6\})$	21760
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 4, 2^5\})$	8192
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 4, 3^3, 2\})$	90112
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 4^3, 2^2\})$	32768
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6, 4, 3, 2^2\})$	40960
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6^3, 4\})$	90112
24	$\mathcal{O}(0; \{24^2, 12, 8^6, 2^3\})$	65536
24	$\mathcal{O}(0; \{24^2, 12, 8^6, 4^2\})$	262144
24	$\mathcal{O}(0; \{24^2, 12, 8^6, 6, 3\})$	327680
24	$\mathcal{O}(0; \{24^2, 12^2, 3^2, 2^9\})$	352
24	$\mathcal{O}(0; \{24^2, 12^2, 3^5, 2^5\})$	2720
24	$\mathcal{O}(0; \{24^2, 12^2, 3^8, 2\})$	21856
24	$\mathcal{O}(0; \{24^2, 12^2, 4^2, 3^2, 2^6\})$	1408
24	$\mathcal{O}(0; \{24^2, 12^2, 4^2, 3^5, 2^2\})$	10880
24	$\mathcal{O}(0; \{24^2, 12^2, 4^4, 3^2, 2^3\})$	5632
24	$\mathcal{O}(0; \{24^2, 12^2, 4^6, 3^2\})$	22528
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 2^{10}\})$	160
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 3^3, 2^6\})$	1376
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 3^6, 2^2\})$	10912
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^2, 2^7\})$	640
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^2, 3^3, 2^3\})$	5504
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^4, 2^4\})$	2560
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^4, 3^3\})$	22016
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^6, 2\})$	10240
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 3, 2^7\})$	672
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 3^4, 2^3\})$	5472
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4^2, 3, 2^4\})$	2688
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4^2, 3^4\})$	21888
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4^4, 3, 2\})$	10752
24	$\mathcal{O}(0; \{24^2, 12^2, 6^3, 3^2, 2^4\})$	2720
24	$\mathcal{O}(0; \{24^2, 12^2, 6^3, 3^5\})$	21856
24	$\mathcal{O}(0; \{24^2, 12^2, 6^3, 4^2, 3^2, 2\})$	10880
24	$\mathcal{O}(0; \{24^2, 12^2, 6^4, 2^5\})$	1376
24	$\mathcal{O}(0; \{24^2, 12^2, 6^4, 3^3, 2\})$	10912
24	$\mathcal{O}(0; \{24^2, 12^2, 6^4, 4^2, 2^2\})$	5504
24	$\mathcal{O}(0; \{24^2, 12^2, 6^5, 3, 2^2\})$	5472
24	$\mathcal{O}(0; \{24^2, 12^2, 6^7\})$	10912
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 4, 3^2, 2^4\})$	11264
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 4, 3^5\})$	87040
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 4^3, 3^2, 2\})$	45056
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6, 4, 2^5\})$	5120
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6, 4, 3^3, 2\})$	44032

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6, 4^3, 2^2\})$	20480
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^2, 4, 3, 2^2\})$	21504
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^4, 4\})$	44032
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 3^2, 2^2\})$	90112
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 6, 2^3\})$	40960
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 6, 4^2\})$	163840
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 6^2, 3\})$	172032
24	$\mathcal{O}(0; \{24^2, 12^3, 4, 3, 2^7\})$	1408
24	$\mathcal{O}(0; \{24^2, 12^3, 4, 3^4, 2^3\})$	10880
24	$\mathcal{O}(0; \{24^2, 12^3, 4^3, 3, 2^4\})$	5632
24	$\mathcal{O}(0; \{24^2, 12^3, 4^3, 3^4\})$	43520
24	$\mathcal{O}(0; \{24^2, 12^3, 4^5, 3, 2\})$	22528
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 4, 3^2, 2^4\})$	5504
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 4, 3^5\})$	43648
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 4^3, 3^2, 2\})$	22016
24	$\mathcal{O}(0; \{24^2, 12^3, 6^2, 4, 2^5\})$	2688
24	$\mathcal{O}(0; \{24^2, 12^3, 6^2, 4, 3^3, 2\})$	21888
24	$\mathcal{O}(0; \{24^2, 12^3, 6^2, 4^3, 2^2\})$	10752
24	$\mathcal{O}(0; \{24^2, 12^3, 6^3, 4, 3, 2^2\})$	10880
24	$\mathcal{O}(0; \{24^2, 12^3, 6^5, 4\})$	21888
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 3, 2^5\})$	11264
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 3^4, 2\})$	87040
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 4^2, 3, 2^2\})$	45056
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6, 3^2, 2^2\})$	44032
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6^2, 2^3\})$	21504
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6^2, 4^2\})$	86016
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6^3, 3\})$	87040
24	$\mathcal{O}(0; \{24^2, 12^3, 8^4, 4, 3\})$	360448
24	$\mathcal{O}(0; \{24^2, 12^4, 2^8\})$	1408
24	$\mathcal{O}(0; \{24^2, 12^4, 3^3, 2^4\})$	10880
24	$\mathcal{O}(0; \{24^2, 12^4, 3^6\})$	87424
24	$\mathcal{O}(0; \{24^2, 12^4, 4^2, 2^5\})$	5632
24	$\mathcal{O}(0; \{24^2, 12^4, 4^2, 3^3, 2\})$	43520
24	$\mathcal{O}(0; \{24^2, 12^4, 4^4, 2^2\})$	22528
24	$\mathcal{O}(0; \{24^2, 12^4, 6, 3, 2^5\})$	5504
24	$\mathcal{O}(0; \{24^2, 12^4, 6, 3^4, 2\})$	43648
24	$\mathcal{O}(0; \{24^2, 12^4, 6, 4^2, 3, 2^2\})$	22016
24	$\mathcal{O}(0; \{24^2, 12^4, 6^2, 3^2, 2^2\})$	21888
24	$\mathcal{O}(0; \{24^2, 12^4, 6^3, 2^3\})$	10880
24	$\mathcal{O}(0; \{24^2, 12^4, 6^3, 4^2\})$	43520
24	$\mathcal{O}(0; \{24^2, 12^4, 6^4, 3\})$	43648
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 4, 2^3\})$	45056
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 4^3\})$	180224

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 6, 4, 3\})$	176128
24	$\mathcal{O}(0; \{24^2, 12^4, 8^4, 2\})$	360448
24	$\mathcal{O}(0; \{24^2, 12^5, 4, 3^2, 2^2\})$	43520
24	$\mathcal{O}(0; \{24^2, 12^5, 6, 4, 2^3\})$	22016
24	$\mathcal{O}(0; \{24^2, 12^5, 6, 4^3\})$	88064
24	$\mathcal{O}(0; \{24^2, 12^5, 6^2, 4, 3\})$	87552
24	$\mathcal{O}(0; \{24^2, 12^5, 8^2, 3^2\})$	348160
24	$\mathcal{O}(0; \{24^2, 12^5, 8^2, 6, 2\})$	176128
24	$\mathcal{O}(0; \{24^2, 12^6, 3, 2^3\})$	43520
24	$\mathcal{O}(0; \{24^2, 12^6, 4^2, 3\})$	174080
24	$\mathcal{O}(0; \{24^2, 12^6, 6, 3^2\})$	174592
24	$\mathcal{O}(0; \{24^2, 12^6, 6^2, 2\})$	87552
24	$\mathcal{O}(0; \{24^2, 12^7, 4, 2\})$	174080
24	$\mathcal{O}(0; \{24^3, 8, 3^2, 2^9\})$	640
24	$\mathcal{O}(0; \{24^3, 8, 3^5, 2^5\})$	5504
24	$\mathcal{O}(0; \{24^3, 8, 3^8, 2\})$	43648
24	$\mathcal{O}(0; \{24^3, 8, 4^2, 3^2, 2^6\})$	2560
24	$\mathcal{O}(0; \{24^3, 8, 4^2, 3^5, 2^2\})$	22016
24	$\mathcal{O}(0; \{24^3, 8, 4^4, 3^2, 2^3\})$	10240
24	$\mathcal{O}(0; \{24^3, 8, 4^6, 3^2\})$	40960
24	$\mathcal{O}(0; \{24^3, 8, 6, 2^{10}\})$	384
24	$\mathcal{O}(0; \{24^3, 8, 6, 3^3, 2^6\})$	2688
24	$\mathcal{O}(0; \{24^3, 8, 6, 3^6, 2^2\})$	21888
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^2, 2^7\})$	1536
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^2, 3^3, 2^3\})$	10752
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^4, 2^4\})$	6144
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^4, 3^3\})$	43008
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^6, 2\})$	24576
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 3, 2^7\})$	1408
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 3^4, 2^3\})$	10880
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4^2, 3, 2^4\})$	5632
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4^2, 3^4\})$	43520
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4^4, 3, 2\})$	22528
24	$\mathcal{O}(0; \{24^3, 8, 6^3, 3^2, 2^4\})$	5504
24	$\mathcal{O}(0; \{24^3, 8, 6^3, 3^5\})$	43648
24	$\mathcal{O}(0; \{24^3, 8, 6^3, 4^2, 3^2, 2\})$	22016
24	$\mathcal{O}(0; \{24^3, 8, 6^4, 2^5\})$	2688
24	$\mathcal{O}(0; \{24^3, 8, 6^4, 3^3, 2\})$	21888
24	$\mathcal{O}(0; \{24^3, 8, 6^4, 4^2, 2^2\})$	10752
24	$\mathcal{O}(0; \{24^3, 8, 6^5, 3, 2^2\})$	10880
24	$\mathcal{O}(0; \{24^3, 8, 6^7\})$	21888
24	$\mathcal{O}(0; \{24^3, 8^3, 4, 3^2, 2^4\})$	20480
24	$\mathcal{O}(0; \{24^3, 8^3, 4, 3^5\})$	176128

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^3, 8^3, 4^3, 3^2, 2\})$	81920
24	$\mathcal{O}(0; \{24^3, 8^3, 6, 4, 2^5\})$	12288
24	$\mathcal{O}(0; \{24^3, 8^3, 6, 4, 3^3, 2\})$	86016
24	$\mathcal{O}(0; \{24^3, 8^3, 6, 4^3, 2^2\})$	49152
24	$\mathcal{O}(0; \{24^3, 8^3, 6^2, 4, 3, 2^2\})$	45056
24	$\mathcal{O}(0; \{24^3, 8^3, 6^4, 4\})$	86016
24	$\mathcal{O}(0; \{24^3, 8^5, 3^2, 2^2\})$	163840
24	$\mathcal{O}(0; \{24^3, 8^5, 6, 2^3\})$	98304
24	$\mathcal{O}(0; \{24^3, 8^5, 6, 4^2\})$	393216
24	$\mathcal{O}(0; \{24^3, 8^5, 6^2, 3\})$	360448
24	$\mathcal{O}(0; \{24^3, 12, 8, 4, 3, 2^7\})$	2560
24	$\mathcal{O}(0; \{24^3, 12, 8, 4, 3^4, 2^3\})$	22016
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^3, 3, 2^4\})$	10240
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^3, 3^4\})$	88064
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^5, 3, 2\})$	40960
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 4, 3^2, 2^4\})$	10752
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 4, 3^5\})$	87552
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 4^3, 3^2, 2\})$	43008
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^2, 4, 2^5\})$	5632
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^2, 4, 3^3, 2\})$	43520
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^2, 4^3, 2^2\})$	22528
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^3, 4, 3, 2^2\})$	22016
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^5, 4\})$	43520
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 3, 2^5\})$	20480
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 3^4, 2\})$	176128
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 4^2, 3, 2^2\})$	81920
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6, 3^2, 2^2\})$	86016
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6^2, 2^3\})$	45056
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6^2, 4^2\})$	180224
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6^3, 3\})$	176128
24	$\mathcal{O}(0; \{24^3, 12, 8^5, 4, 3\})$	655360
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 2^8\})$	2560
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 3^3, 2^4\})$	22016
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 3^6\})$	174592
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 4^2, 2^5\})$	10240
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 4^2, 3^3, 2\})$	88064
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 4^4, 2^2\})$	40960
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6, 3, 2^5\})$	10752
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6, 3^4, 2\})$	87552
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6, 4^2, 3, 2^2\})$	43008
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^2, 3^2, 2^2\})$	43520
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^3, 2^3\})$	22016
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^3, 4^2\})$	88064

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^4, 3\})$	87552
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 4, 2^3\})$	81920
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 4^3\})$	327680
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 6, 4, 3\})$	344064
24	$\mathcal{O}(0; \{24^3, 12^2, 8^5, 2\})$	655360
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 4, 3^2, 2^2\})$	88064
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6, 4, 2^3\})$	43008
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6, 4^3\})$	172032
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6^2, 4, 3\})$	174080
24	$\mathcal{O}(0; \{24^3, 12^3, 8^3, 3^2\})$	704512
24	$\mathcal{O}(0; \{24^3, 12^3, 8^3, 6, 2\})$	344064
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 3, 2^3\})$	88064
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 4^2, 3\})$	352256
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 6, 3^2\})$	350208
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 6^2, 2\})$	174080
24	$\mathcal{O}(0; \{24^3, 12^5, 8, 4, 2\})$	352256
24	$\mathcal{O}(0; \{24^4, 4, 2^{10}\})$	768
24	$\mathcal{O}(0; \{24^4, 4, 3^3, 2^6\})$	5376
24	$\mathcal{O}(0; \{24^4, 4, 3^6, 2^2\})$	43776
24	$\mathcal{O}(0; \{24^4, 4^3, 2^7\})$	3072
24	$\mathcal{O}(0; \{24^4, 4^3, 3^3, 2^3\})$	21504
24	$\mathcal{O}(0; \{24^4, 4^5, 2^4\})$	12288
24	$\mathcal{O}(0; \{24^4, 4^5, 3^3\})$	86016
24	$\mathcal{O}(0; \{24^4, 4^7, 2\})$	49152
24	$\mathcal{O}(0; \{24^4, 6, 4, 3, 2^7\})$	2816
24	$\mathcal{O}(0; \{24^4, 6, 4, 3^4, 2^3\})$	21760
24	$\mathcal{O}(0; \{24^4, 6, 4^3, 3, 2^4\})$	11264
24	$\mathcal{O}(0; \{24^4, 6, 4^3, 3^4\})$	87040
24	$\mathcal{O}(0; \{24^4, 6, 4^5, 3, 2\})$	45056
24	$\mathcal{O}(0; \{24^4, 6^2, 4, 3^2, 2^4\})$	11008
24	$\mathcal{O}(0; \{24^4, 6^2, 4, 3^5\})$	87296
24	$\mathcal{O}(0; \{24^4, 6^2, 4^3, 3^2, 2\})$	44032
24	$\mathcal{O}(0; \{24^4, 6^3, 4, 2^5\})$	5376
24	$\mathcal{O}(0; \{24^4, 6^3, 4, 3^3, 2\})$	43776
24	$\mathcal{O}(0; \{24^4, 6^3, 4^3, 2^2\})$	21504
24	$\mathcal{O}(0; \{24^4, 6^4, 4, 3, 2^2\})$	21760
24	$\mathcal{O}(0; \{24^4, 6^6, 4\})$	43776
24	$\mathcal{O}(0; \{24^4, 8^2, 2^8\})$	6144
24	$\mathcal{O}(0; \{24^4, 8^2, 3^3, 2^4\})$	43008
24	$\mathcal{O}(0; \{24^4, 8^2, 3^6\})$	350208
24	$\mathcal{O}(0; \{24^4, 8^2, 4^2, 2^5\})$	24576
24	$\mathcal{O}(0; \{24^4, 8^2, 4^2, 3^3, 2\})$	172032
24	$\mathcal{O}(0; \{24^4, 8^2, 4^4, 2^2\})$	98304

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^4, 8^2, 6, 3, 2^5\})$	22528
24	$\mathcal{O}(0; \{24^4, 8^2, 6, 3^4, 2\})$	174080
24	$\mathcal{O}(0; \{24^4, 8^2, 6, 4^2, 3, 2^2\})$	90112
24	$\mathcal{O}(0; \{24^4, 8^2, 6^2, 3^2, 2^2\})$	88064
24	$\mathcal{O}(0; \{24^4, 8^2, 6^3, 2^3\})$	43008
24	$\mathcal{O}(0; \{24^4, 8^2, 6^3, 4^2\})$	172032
24	$\mathcal{O}(0; \{24^4, 8^2, 6^4, 3\})$	174080
24	$\mathcal{O}(0; \{24^4, 8^4, 4, 2^3\})$	196608
24	$\mathcal{O}(0; \{24^4, 8^4, 4^3\})$	786432
24	$\mathcal{O}(0; \{24^4, 8^4, 6, 4, 3\})$	720896
24	$\mathcal{O}(0; \{24^4, 8^6, 2\})$	1572864
24	$\mathcal{O}(0; \{24^4, 12, 3^2, 2^7\})$	5376
24	$\mathcal{O}(0; \{24^4, 12, 3^5, 2^3\})$	43776
24	$\mathcal{O}(0; \{24^4, 12, 4^2, 3^2, 2^4\})$	21504
24	$\mathcal{O}(0; \{24^4, 12, 4^2, 3^5\})$	175104
24	$\mathcal{O}(0; \{24^4, 12, 4^4, 3^2, 2\})$	86016
24	$\mathcal{O}(0; \{24^4, 12, 6, 2^8\})$	2816
24	$\mathcal{O}(0; \{24^4, 12, 6, 3^3, 2^4\})$	21760
24	$\mathcal{O}(0; \{24^4, 12, 6, 3^6\})$	174848
24	$\mathcal{O}(0; \{24^4, 12, 6, 4^2, 2^5\})$	11264
24	$\mathcal{O}(0; \{24^4, 12, 6, 4^2, 3^3, 2\})$	87040
24	$\mathcal{O}(0; \{24^4, 12, 6, 4^4, 2^2\})$	45056
24	$\mathcal{O}(0; \{24^4, 12, 6^2, 3, 2^5\})$	11008
24	$\mathcal{O}(0; \{24^4, 12, 6^2, 3^4, 2\})$	87296
24	$\mathcal{O}(0; \{24^4, 12, 6^2, 4^2, 3, 2^2\})$	44032
24	$\mathcal{O}(0; \{24^4, 12, 6^3, 3^2, 2^2\})$	43776
24	$\mathcal{O}(0; \{24^4, 12, 6^4, 2^3\})$	21760
24	$\mathcal{O}(0; \{24^4, 12, 6^4, 4^2\})$	87040
24	$\mathcal{O}(0; \{24^4, 12, 6^5, 3\})$	87296
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 4, 3^2, 2^2\})$	172032
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6, 4, 2^3\})$	90112
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6, 4^3\})$	360448
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6^2, 4, 3\})$	352256
24	$\mathcal{O}(0; \{24^4, 12, 8^4, 3^2\})$	1376256
24	$\mathcal{O}(0; \{24^4, 12, 8^4, 6, 2\})$	720896
24	$\mathcal{O}(0; \{24^4, 12^2, 4, 3, 2^5\})$	21504
24	$\mathcal{O}(0; \{24^4, 12^2, 4, 3^4, 2\})$	175104
24	$\mathcal{O}(0; \{24^4, 12^2, 4^3, 3, 2^2\})$	86016
24	$\mathcal{O}(0; \{24^4, 12^2, 6, 4, 3^2, 2^2\})$	87040
24	$\mathcal{O}(0; \{24^4, 12^2, 6^2, 4, 2^3\})$	44032
24	$\mathcal{O}(0; \{24^4, 12^2, 6^2, 4^3\})$	176128
24	$\mathcal{O}(0; \{24^4, 12^2, 6^3, 4, 3\})$	175104
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 3, 2^3\})$	172032

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 4^2, 3\})$	688128
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 6, 3^2\})$	696320
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 6^2, 2\})$	352256
24	$\mathcal{O}(0; \{24^4, 12^3, 2^6\})$	21504
24	$\mathcal{O}(0; \{24^4, 12^3, 3^3, 2^2\})$	175104
24	$\mathcal{O}(0; \{24^4, 12^3, 4^2, 2^3\})$	86016
24	$\mathcal{O}(0; \{24^4, 12^3, 4^4\})$	344064
24	$\mathcal{O}(0; \{24^4, 12^3, 6, 3, 2^3\})$	87040
24	$\mathcal{O}(0; \{24^4, 12^3, 6, 4^2, 3\})$	348160
24	$\mathcal{O}(0; \{24^4, 12^3, 6^2, 3^2\})$	349184
24	$\mathcal{O}(0; \{24^4, 12^3, 6^3, 2\})$	175104
24	$\mathcal{O}(0; \{24^4, 12^3, 8^2, 4, 2\})$	688128
24	$\mathcal{O}(0; \{24^4, 12^4, 4, 3^2\})$	700416
24	$\mathcal{O}(0; \{24^4, 12^4, 6, 4, 2\})$	348160
24	$\mathcal{O}(0; \{24^4, 12^5, 3, 2\})$	700416
24	$\mathcal{O}(0; \{24^5, 8, 4, 3, 2^5\})$	45056
24	$\mathcal{O}(0; \{24^5, 8, 4, 3^4, 2\})$	348160
24	$\mathcal{O}(0; \{24^5, 8, 4^3, 3, 2^2\})$	180224
24	$\mathcal{O}(0; \{24^5, 8, 6, 4, 3^2, 2^2\})$	176128
24	$\mathcal{O}(0; \{24^5, 8, 6^2, 4, 2^3\})$	86016
24	$\mathcal{O}(0; \{24^5, 8, 6^2, 4^3\})$	344064
24	$\mathcal{O}(0; \{24^5, 8, 6^3, 4, 3\})$	348160
24	$\mathcal{O}(0; \{24^5, 8^3, 3, 2^3\})$	360448
24	$\mathcal{O}(0; \{24^5, 8^3, 4^2, 3\})$	1441792
24	$\mathcal{O}(0; \{24^5, 8^3, 6, 3^2\})$	1409024
24	$\mathcal{O}(0; \{24^5, 8^3, 6^2, 2\})$	688128
24	$\mathcal{O}(0; \{24^5, 12, 8, 2^6\})$	45056
24	$\mathcal{O}(0; \{24^5, 12, 8, 3^3, 2^2\})$	348160
24	$\mathcal{O}(0; \{24^5, 12, 8, 4^2, 2^3\})$	180224
24	$\mathcal{O}(0; \{24^5, 12, 8, 4^4\})$	720896
24	$\mathcal{O}(0; \{24^5, 12, 8, 6, 3, 2^3\})$	176128
24	$\mathcal{O}(0; \{24^5, 12, 8, 6, 4^2, 3\})$	704512
24	$\mathcal{O}(0; \{24^5, 12, 8, 6^2, 3^2\})$	700416
24	$\mathcal{O}(0; \{24^5, 12, 8, 6^3, 2\})$	348160
24	$\mathcal{O}(0; \{24^5, 12, 8^3, 4, 2\})$	1441792
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 4, 3^2\})$	1392640
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 6, 4, 2\})$	704512
24	$\mathcal{O}(0; \{24^5, 12^3, 8, 3, 2\})$	1392640
24	$\mathcal{O}(0; \{24^6, 3^2, 2^5\})$	88064
24	$\mathcal{O}(0; \{24^6, 3^5, 2\})$	698368
24	$\mathcal{O}(0; \{24^6, 4^2, 3^2, 2^2\})$	352256
24	$\mathcal{O}(0; \{24^6, 6, 2^6\})$	43008
24	$\mathcal{O}(0; \{24^6, 6, 3^3, 2^2\})$	350208

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^6, 6, 4^2, 2^3\})$	172032
24	$\mathcal{O}(0; \{24^6, 6, 4^4\})$	688128
24	$\mathcal{O}(0; \{24^6, 6^2, 3, 2^3\})$	174080
24	$\mathcal{O}(0; \{24^6, 6^2, 4^2, 3\})$	696320
24	$\mathcal{O}(0; \{24^6, 6^3, 3^2\})$	698368
24	$\mathcal{O}(0; \{24^6, 6^4, 2\})$	350208
24	$\mathcal{O}(0; \{24^6, 8^2, 4, 3^2\})$	2818048
24	$\mathcal{O}(0; \{24^6, 8^2, 6, 4, 2\})$	1376256
24	$\mathcal{O}(0; \{24^6, 12, 4, 3, 2^3\})$	352256
24	$\mathcal{O}(0; \{24^6, 12, 4^3, 3\})$	1409024
24	$\mathcal{O}(0; \{24^6, 12, 6, 4, 3^2\})$	1400832
24	$\mathcal{O}(0; \{24^6, 12, 6^2, 4, 2\})$	696320
24	$\mathcal{O}(0; \{24^6, 12, 8^2, 3, 2\})$	2818048
24	$\mathcal{O}(0; \{24^6, 12^2, 2^4\})$	352256
24	$\mathcal{O}(0; \{24^6, 12^2, 3^3\})$	2793472
24	$\mathcal{O}(0; \{24^6, 12^2, 4^2, 2\})$	1409024
24	$\mathcal{O}(0; \{24^6, 12^2, 6, 3, 2\})$	1400832
24	$\mathcal{O}(0; \{24^7, 8, 2^4\})$	688128
24	$\mathcal{O}(0; \{24^7, 8, 3^3\})$	5603328
24	$\mathcal{O}(0; \{24^7, 8, 4^2, 2\})$	2752512
24	$\mathcal{O}(0; \{24^7, 8, 6, 3, 2\})$	2785280
24	$\mathcal{O}(0; \{24^8, 4, 3, 2\})$	5570560
24	$\mathcal{O}(0; \{24^8, 12, 2^2\})$	5570560
24	$\mathcal{O}(0; \{24^{10}\})$	89653248
25	$\mathcal{O}(2; \{25^3, 5^3\})$	7500000000
25	$\mathcal{O}(0; \{25^3, 5^8\})$	19660800
25	$\mathcal{O}(0; \{25^8, 5^2\})$	16385000000
26	$\mathcal{O}(4; \{2^2\})$	208827064320
26	$\mathcal{O}(3; \{2^6\})$	308915712
26	$\mathcal{O}(2; \{2^{10}\})$	456960
26	$\mathcal{O}(1; \{2^{14}\})$	672
26	$\mathcal{O}(1; \{26, 13^6, 2\})$	1863253392
26	$\mathcal{O}(0; \{26, 13^6, 2^5\})$	2756292
26	$\mathcal{O}(0; \{26^3, 13^5, 2^3\})$	33075516
26	$\mathcal{O}(0; \{26^5, 13^4, 2\})$	396906180
27	$\mathcal{O}(2; \{27^4, 9\})$	13947137604
27	$\mathcal{O}(1; \{27^4, 9, 3^3\})$	153055008
27	$\mathcal{O}(1; \{27^7\})$	16271660538
27	$\mathcal{O}(0; \{27^4, 9, 3^6\})$	1679616
27	$\mathcal{O}(0; \{27^4, 9^4, 3^2\})$	22674816
27	$\mathcal{O}(0; \{27^7, 3^3\})$	178564176
28	$\mathcal{O}(3; \{4^2, 2^2\})$	963772416
28	$\mathcal{O}(2; \{4^2, 2^6\})$	1228800

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(2; \{4^4, 2^3\})$	4915200
28	$\mathcal{O}(2; \{4^6\})$	19660800
28	$\mathcal{O}(2; \{28, 14, 7, 4, 2^2\})$	36879360
28	$\mathcal{O}(2; \{28, 14^3, 4\})$	228652032
28	$\mathcal{O}(2; \{28^2, 7^3\})$	1364536320
28	$\mathcal{O}(2; \{28^3, 7, 4\})$	914608128
28	$\mathcal{O}(1; \{4^2, 2^{10}\})$	1536
28	$\mathcal{O}(1; \{4^4, 2^7\})$	6144
28	$\mathcal{O}(1; \{4^6, 2^4\})$	24576
28	$\mathcal{O}(1; \{4^8, 2\})$	98304
28	$\mathcal{O}(1; \{14, 7^3, 4^2, 2^3\})$	291648
28	$\mathcal{O}(1; \{14, 7^3, 4^4\})$	1166592
28	$\mathcal{O}(1; \{14^3, 7^2, 4^2, 2\})$	1740480
28	$\mathcal{O}(1; \{28, 7^5, 4, 2\})$	10452288
28	$\mathcal{O}(1; \{28, 14, 7, 4, 2^6\})$	47040
28	$\mathcal{O}(1; \{28, 14, 7, 4^3, 2^3\})$	188160
28	$\mathcal{O}(1; \{28, 14, 7, 4^5\})$	752640
28	$\mathcal{O}(1; \{28, 14^3, 4, 2^4\})$	291648
28	$\mathcal{O}(1; \{28, 14^3, 4^3, 2\})$	1166592
28	$\mathcal{O}(1; \{28^2, 7^3, 2^4\})$	1740480
28	$\mathcal{O}(1; \{28^2, 7^3, 4^2, 2\})$	6961920
28	$\mathcal{O}(1; \{28^2, 14^2, 7^2, 2^2\})$	10452288
28	$\mathcal{O}(1; \{28^2, 14^4, 7\})$	62704320
28	$\mathcal{O}(1; \{28^3, 7, 4, 2^4\})$	1166592
28	$\mathcal{O}(1; \{28^3, 7, 4^3, 2\})$	4666368
28	$\mathcal{O}(1; \{28^3, 14^2, 4, 2^2\})$	6961920
28	$\mathcal{O}(1; \{28^4, 14, 7^2\})$	250817280
28	$\mathcal{O}(1; \{28^5, 14, 4\})$	167236608
28	$\mathcal{O}(0; \{7^7, 4^2, 2^2\})$	79980
28	$\mathcal{O}(0; \{14, 7^3, 4^2, 2^7\})$	372
28	$\mathcal{O}(0; \{14, 7^3, 4^4, 2^4\})$	1488
28	$\mathcal{O}(0; \{14, 7^3, 4^6, 2\})$	5952
28	$\mathcal{O}(0; \{14^2, 7^6, 4^2\})$	479892
28	$\mathcal{O}(0; \{14^3, 7^2, 4^2, 2^5\})$	2220
28	$\mathcal{O}(0; \{14^3, 7^2, 4^4, 2^2\})$	8880
28	$\mathcal{O}(0; \{14^5, 7, 4^2, 2^3\})$	13332
28	$\mathcal{O}(0; \{14^5, 7, 4^4\})$	53328
28	$\mathcal{O}(0; \{14^7, 4^2, 2\})$	79980
28	$\mathcal{O}(0; \{28, 7^5, 4, 2^5\})$	13332
28	$\mathcal{O}(0; \{28, 7^5, 4^3, 2^2\})$	53328
28	$\mathcal{O}(0; \{28, 14, 7, 4, 2^{10}\})$	60
28	$\mathcal{O}(0; \{28, 14, 7, 4^3, 2^7\})$	240
28	$\mathcal{O}(0; \{28, 14, 7, 4^5, 2^4\})$	960

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(0; \{28, 14, 7, 4^7, 2\})$	3840
28	$\mathcal{O}(0; \{28, 14^2, 7^4, 4, 2^3\})$	79980
28	$\mathcal{O}(0; \{28, 14^2, 7^4, 4^3\})$	319920
28	$\mathcal{O}(0; \{28, 14^3, 4, 2^8\})$	372
28	$\mathcal{O}(0; \{28, 14^3, 4^3, 2^5\})$	1488
28	$\mathcal{O}(0; \{28, 14^3, 4^5, 2^2\})$	5952
28	$\mathcal{O}(0; \{28, 14^4, 7^3, 4, 2\})$	479892
28	$\mathcal{O}(0; \{28^2, 7^3, 2^8\})$	2220
28	$\mathcal{O}(0; \{28^2, 7^3, 4^2, 2^5\})$	8880
28	$\mathcal{O}(0; \{28^2, 7^3, 4^4, 2^2\})$	35520
28	$\mathcal{O}(0; \{28^2, 14, 7^6, 2\})$	2879340
28	$\mathcal{O}(0; \{28^2, 14^2, 7^2, 2^6\})$	13332
28	$\mathcal{O}(0; \{28^2, 14^2, 7^2, 4^2, 2^3\})$	53328
28	$\mathcal{O}(0; \{28^2, 14^2, 7^2, 4^4\})$	213312
28	$\mathcal{O}(0; \{28^2, 14^4, 7, 2^4\})$	79980
28	$\mathcal{O}(0; \{28^2, 14^4, 7, 4^2, 2\})$	319920
28	$\mathcal{O}(0; \{28^2, 14^6, 2^2\})$	479892
28	$\mathcal{O}(0; \{28^3, 7, 4, 2^8\})$	1488
28	$\mathcal{O}(0; \{28^3, 7, 4^3, 2^5\})$	5952
28	$\mathcal{O}(0; \{28^3, 7, 4^5, 2^2\})$	23808
28	$\mathcal{O}(0; \{28^3, 14, 7^4, 4, 2\})$	1919568
28	$\mathcal{O}(0; \{28^3, 14^2, 4, 2^6\})$	8880
28	$\mathcal{O}(0; \{28^3, 14^2, 4^3, 2^3\})$	35520
28	$\mathcal{O}(0; \{28^3, 14^2, 4^5\})$	142080
28	$\mathcal{O}(0; \{28^4, 14, 7^2, 2^4\})$	319920
28	$\mathcal{O}(0; \{28^4, 14, 7^2, 4^2, 2\})$	1279680
28	$\mathcal{O}(0; \{28^4, 14^3, 7, 2^2\})$	1919568
28	$\mathcal{O}(0; \{28^4, 14^5\})$	11517360
28	$\mathcal{O}(0; \{28^5, 14, 4, 2^4\})$	213312
28	$\mathcal{O}(0; \{28^5, 14, 4^3, 2\})$	853248
28	$\mathcal{O}(0; \{28^6, 7^2, 2^2\})$	7678272
28	$\mathcal{O}(0; \{28^6, 14^2, 7\})$	46069440
28	$\mathcal{O}(0; \{28^7, 4, 2^2\})$	5118720
30	$\mathcal{O}(2; \{6^2, 5^3\})$	19440000
30	$\mathcal{O}(2; \{15, 5, 3^2, 2^2\})$	6480000
30	$\mathcal{O}(2; \{15, 6, 5, 2^3\})$	6480000
30	$\mathcal{O}(2; \{15, 6^2, 5, 3\})$	19440000
30	$\mathcal{O}(2; \{15, 10^2, 3^2\})$	19440000
30	$\mathcal{O}(2; \{15, 10^2, 6, 2\})$	19440000
30	$\mathcal{O}(2; \{15^2, 10, 5, 2\})$	84240000
30	$\mathcal{O}(2; \{30, 6, 5^2, 3\})$	19440000
30	$\mathcal{O}(2; \{30, 15, 3, 2^3\})$	6480000
30	$\mathcal{O}(2; \{30, 15, 6, 3^2\})$	32400000

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(2; \{30, 15, 6^2, 2\})$	19440000
30	$\mathcal{O}(2; \{30^2, 5, 3^2\})$	58320000
30	$\mathcal{O}(2; \{30^2, 6, 5, 2\})$	19440000
30	$\mathcal{O}(2; \{30^3, 3, 2\})$	58320000
30	$\mathcal{O}(1; \{5^3, 3^4, 2^2\})$	64800
30	$\mathcal{O}(1; \{6, 5^3, 3^2, 2^3\})$	21600
30	$\mathcal{O}(1; \{6^2, 5^3, 2^4\})$	21600
30	$\mathcal{O}(1; \{6^2, 5^3, 3^3\})$	108000
30	$\mathcal{O}(1; \{6^3, 5^3, 3, 2\})$	64800
30	$\mathcal{O}(1; \{10^2, 5^2, 3^4\})$	280800
30	$\mathcal{O}(1; \{10^2, 6, 5^2, 3^2, 2\})$	93600
30	$\mathcal{O}(1; \{10^2, 6^2, 5^2, 2^2\})$	93600
30	$\mathcal{O}(1; \{10^4, 6^2, 5\})$	367200
30	$\mathcal{O}(1; \{15, 5, 3^2, 2^6\})$	7200
30	$\mathcal{O}(1; \{15, 5, 3^5, 2^2\})$	79200
30	$\mathcal{O}(1; \{15, 6, 5, 2^7\})$	7200
30	$\mathcal{O}(1; \{15, 6, 5, 3^3, 2^3\})$	36000
30	$\mathcal{O}(1; \{15, 6^2, 5, 3, 2^4\})$	21600
30	$\mathcal{O}(1; \{15, 6^2, 5, 3^4\})$	151200
30	$\mathcal{O}(1; \{15, 6^3, 5, 3^2, 2\})$	79200
30	$\mathcal{O}(1; \{15, 6^4, 5, 2^2\})$	36000
30	$\mathcal{O}(1; \{15, 10, 5^3, 3^2, 2\})$	367200
30	$\mathcal{O}(1; \{15, 10, 6, 5^3, 2^2\})$	367200
30	$\mathcal{O}(1; \{15, 10^2, 3^2, 2^4\})$	21600
30	$\mathcal{O}(1; \{15, 10^2, 3^5\})$	237600
30	$\mathcal{O}(1; \{15, 10^2, 6, 2^5\})$	21600
30	$\mathcal{O}(1; \{15, 10^2, 6, 3^3, 2\})$	108000
30	$\mathcal{O}(1; \{15, 10^2, 6^2, 3, 2^2\})$	64800
30	$\mathcal{O}(1; \{15, 10^2, 6^4\})$	108000
30	$\mathcal{O}(1; \{15, 10^3, 6, 5^2\})$	1476000
30	$\mathcal{O}(1; \{15^2, 5^4, 2^2\})$	1476000
30	$\mathcal{O}(1; \{15^2, 10, 5, 2^5\})$	93600
30	$\mathcal{O}(1; \{15^2, 10, 5, 3^3, 2\})$	468000
30	$\mathcal{O}(1; \{15^2, 10, 6, 5, 3, 2^2\})$	280800
30	$\mathcal{O}(1; \{15^2, 10, 6^3, 5\})$	468000
30	$\mathcal{O}(1; \{15^2, 10^2, 5^3\})$	5896800
30	$\mathcal{O}(1; \{15^2, 10^3, 2^3\})$	367200
30	$\mathcal{O}(1; \{15^2, 10^3, 6, 3\})$	1101600
30	$\mathcal{O}(1; \{15^3, 5^2, 3, 2^2\})$	1101600
30	$\mathcal{O}(1; \{15^3, 6^2, 5^2\})$	1836000
30	$\mathcal{O}(1; \{15^3, 10^2, 5, 3\})$	4428000
30	$\mathcal{O}(1; \{15^4, 3^2, 2^2\})$	1029600
30	$\mathcal{O}(1; \{15^4, 6, 2^3\})$	468000

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{15^4, 6^2, 3\})$	1965600
30	$\mathcal{O}(1; \{15^5, 10, 2\})$	7380000
30	$\mathcal{O}(1; \{30, 5^2, 3^3, 2^3\})$	64800
30	$\mathcal{O}(1; \{30, 6, 5^2, 3, 2^4\})$	21600
30	$\mathcal{O}(1; \{30, 6, 5^2, 3^4\})$	237600
30	$\mathcal{O}(1; \{30, 6^2, 5^2, 3^2, 2\})$	108000
30	$\mathcal{O}(1; \{30, 6^3, 5^2, 2^2\})$	64800
30	$\mathcal{O}(1; \{30, 10^2, 5, 3^3, 2\})$	280800
30	$\mathcal{O}(1; \{30, 10^2, 6, 5, 3, 2^2\})$	93600
30	$\mathcal{O}(1; \{30, 10^2, 6^3, 5\})$	280800
30	$\mathcal{O}(1; \{30, 10^4, 6, 3\})$	367200
30	$\mathcal{O}(1; \{30, 15, 3, 2^7\})$	7200
30	$\mathcal{O}(1; \{30, 15, 3^4, 2^3\})$	79200
30	$\mathcal{O}(1; \{30, 15, 6, 3^2, 2^4\})$	36000
30	$\mathcal{O}(1; \{30, 15, 6, 3^5\})$	309600
30	$\mathcal{O}(1; \{30, 15, 6^2, 2^5\})$	21600
30	$\mathcal{O}(1; \{30, 15, 6^2, 3^3, 2\})$	151200
30	$\mathcal{O}(1; \{30, 15, 6^3, 3, 2^2\})$	79200
30	$\mathcal{O}(1; \{30, 15, 6^5\})$	151200
30	$\mathcal{O}(1; \{30, 15, 10, 5^2, 3, 2^2\})$	367200
30	$\mathcal{O}(1; \{30, 15, 10, 6^2, 5^2\})$	1101600
30	$\mathcal{O}(1; \{30, 15, 10^3, 5, 3\})$	1476000
30	$\mathcal{O}(1; \{30, 15^2, 6, 5^3\})$	4428000
30	$\mathcal{O}(1; \{30, 15^2, 10, 3^2, 2^2\})$	468000
30	$\mathcal{O}(1; \{30, 15^2, 10, 6, 2^3\})$	280800
30	$\mathcal{O}(1; \{30, 15^2, 10, 6^2, 3\})$	1029600
30	$\mathcal{O}(1; \{30, 15^3, 5, 2^3\})$	1101600
30	$\mathcal{O}(1; \{30, 15^3, 6, 5, 3\})$	4039200
30	$\mathcal{O}(1; \{30, 15^3, 10^2, 2\})$	4428000
30	$\mathcal{O}(1; \{30^2, 5, 3^2, 2^4\})$	64800
30	$\mathcal{O}(1; \{30^2, 5, 3^5\})$	453600
30	$\mathcal{O}(1; \{30^2, 6, 5, 2^5\})$	21600
30	$\mathcal{O}(1; \{30^2, 6, 5, 3^3, 2\})$	237600
30	$\mathcal{O}(1; \{30^2, 6^2, 5, 3, 2^2\})$	108000
30	$\mathcal{O}(1; \{30^2, 6^4, 5\})$	237600
30	$\mathcal{O}(1; \{30^2, 10, 6, 5^3\})$	1476000
30	$\mathcal{O}(1; \{30^2, 10^2, 3^2, 2^2\})$	280800
30	$\mathcal{O}(1; \{30^2, 10^2, 6, 2^3\})$	93600
30	$\mathcal{O}(1; \{30^2, 10^2, 6^2, 3\})$	468000
30	$\mathcal{O}(1; \{30^2, 15, 5^4\})$	5896800
30	$\mathcal{O}(1; \{30^2, 15, 10, 5, 2^3\})$	367200
30	$\mathcal{O}(1; \{30^2, 15, 10, 6, 5, 3\})$	1836000
30	$\mathcal{O}(1; \{30^2, 15, 10^3, 2\})$	1476000

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{30^2, 15^2, 5^2, 3\})$	7380000
30	$\mathcal{O}(1; \{30^2, 15^3, 3^2\})$	7711200
30	$\mathcal{O}(1; \{30^2, 15^3, 6, 2\})$	4039200
30	$\mathcal{O}(1; \{30^3, 3, 2^5\})$	64800
30	$\mathcal{O}(1; \{30^3, 3^4, 2\})$	453600
30	$\mathcal{O}(1; \{30^3, 6, 3^2, 2^2\})$	237600
30	$\mathcal{O}(1; \{30^3, 6^2, 2^3\})$	108000
30	$\mathcal{O}(1; \{30^3, 6^3, 3\})$	453600
30	$\mathcal{O}(1; \{30^3, 10, 5^2, 3\})$	4428000
30	$\mathcal{O}(1; \{30^3, 15, 10, 3^2\})$	4039200
30	$\mathcal{O}(1; \{30^3, 15, 10, 6, 2\})$	1836000
30	$\mathcal{O}(1; \{30^3, 15^2, 5, 2\})$	7380000
30	$\mathcal{O}(1; \{30^4, 10, 5, 2\})$	4428000
30	$\mathcal{O}(0; \{5^3, 3^4, 2^6\})$	72
30	$\mathcal{O}(0; \{5^3, 3^7, 2^2\})$	504
30	$\mathcal{O}(0; \{6, 5^3, 3^2, 2^7\})$	24
30	$\mathcal{O}(0; \{6, 5^3, 3^5, 2^3\})$	264
30	$\mathcal{O}(0; \{6^2, 5^3, 2^8\})$	24
30	$\mathcal{O}(0; \{6^2, 5^3, 3^3, 2^4\})$	120
30	$\mathcal{O}(0; \{6^2, 5^3, 3^6\})$	1032
30	$\mathcal{O}(0; \{6^2, 5^8\})$	26216
30	$\mathcal{O}(0; \{6^3, 5^3, 3, 2^5\})$	72
30	$\mathcal{O}(0; \{6^3, 5^3, 3^4, 2\})$	504
30	$\mathcal{O}(0; \{6^4, 5^3, 3^2, 2^2\})$	264
30	$\mathcal{O}(0; \{6^5, 5^3, 2^3\})$	120
30	$\mathcal{O}(0; \{6^6, 5^3, 3\})$	504
30	$\mathcal{O}(0; \{10, 5^5, 3^4, 2\})$	4920
30	$\mathcal{O}(0; \{10, 6, 5^5, 3^2, 2^2\})$	1640
30	$\mathcal{O}(0; \{10, 6^2, 5^5, 2^3\})$	1640
30	$\mathcal{O}(0; \{10, 6^3, 5^5, 3\})$	4920
30	$\mathcal{O}(0; \{10^2, 5^2, 3^4, 2^4\})$	312
30	$\mathcal{O}(0; \{10^2, 5^2, 3^7\})$	2184
30	$\mathcal{O}(0; \{10^2, 6, 5^2, 3^2, 2^5\})$	104
30	$\mathcal{O}(0; \{10^2, 6, 5^2, 3^5, 2\})$	1144
30	$\mathcal{O}(0; \{10^2, 6^2, 5^2, 2^6\})$	104
30	$\mathcal{O}(0; \{10^2, 6^2, 5^2, 3^3, 2^2\})$	520
30	$\mathcal{O}(0; \{10^2, 6^3, 5^2, 3, 2^3\})$	312
30	$\mathcal{O}(0; \{10^2, 6^4, 5^2, 3^2\})$	1144
30	$\mathcal{O}(0; \{10^2, 6^5, 5^2, 2\})$	520
30	$\mathcal{O}(0; \{10^3, 6, 5^4, 3^2\})$	6552
30	$\mathcal{O}(0; \{10^3, 6^2, 5^4, 2\})$	6552
30	$\mathcal{O}(0; \{10^4, 5, 3^4, 2^2\})$	1224
30	$\mathcal{O}(0; \{10^4, 6, 5, 3^2, 2^3\})$	408

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{10^4, 6^2, 5, 2^4\})$	408
30	$\mathcal{O}(0; \{10^4, 6^2, 5, 3^3\})$	2040
30	$\mathcal{O}(0; \{10^4, 6^3, 5, 3, 2\})$	1224
30	$\mathcal{O}(0; \{10^6, 3^4\})$	4920
30	$\mathcal{O}(0; \{10^6, 6, 3^2, 2\})$	1640
30	$\mathcal{O}(0; \{10^6, 6^2, 2^2\})$	1640
30	$\mathcal{O}(0; \{15, 5, 3^2, 2^{10}\})$	8
30	$\mathcal{O}(0; \{15, 5, 3^5, 2^6\})$	88
30	$\mathcal{O}(0; \{15, 5, 3^8, 2^2\})$	680
30	$\mathcal{O}(0; \{15, 5^6, 3^2, 2^2\})$	6552
30	$\mathcal{O}(0; \{15, 6, 5, 2^{11}\})$	8
30	$\mathcal{O}(0; \{15, 6, 5, 3^3, 2^7\})$	40
30	$\mathcal{O}(0; \{15, 6, 5, 3^6, 2^3\})$	344
30	$\mathcal{O}(0; \{15, 6, 5^6, 2^3\})$	6552
30	$\mathcal{O}(0; \{15, 6^2, 5, 3, 2^8\})$	24
30	$\mathcal{O}(0; \{15, 6^2, 5, 3^4, 2^4\})$	168
30	$\mathcal{O}(0; \{15, 6^2, 5, 3^7\})$	1368
30	$\mathcal{O}(0; \{15, 6^2, 5^6, 3\})$	19656
30	$\mathcal{O}(0; \{15, 6^3, 5, 3^2, 2^5\})$	88
30	$\mathcal{O}(0; \{15, 6^3, 5, 3^5, 2\})$	680
30	$\mathcal{O}(0; \{15, 6^4, 5, 2^6\})$	40
30	$\mathcal{O}(0; \{15, 6^4, 5, 3^3, 2^2\})$	344
30	$\mathcal{O}(0; \{15, 6^5, 5, 3, 2^3\})$	168
30	$\mathcal{O}(0; \{15, 6^6, 5, 3^2\})$	680
30	$\mathcal{O}(0; \{15, 6^7, 5, 2\})$	344
30	$\mathcal{O}(0; \{15, 10, 5^3, 3^2, 2^5\})$	408
30	$\mathcal{O}(0; \{15, 10, 5^3, 3^5, 2\})$	4488
30	$\mathcal{O}(0; \{15, 10, 6, 5^3, 2^6\})$	408
30	$\mathcal{O}(0; \{15, 10, 6, 5^3, 3^3, 2^2\})$	2040
30	$\mathcal{O}(0; \{15, 10, 6^2, 5^3, 3, 2^3\})$	1224
30	$\mathcal{O}(0; \{15, 10, 6^3, 5^3, 3^2\})$	4488
30	$\mathcal{O}(0; \{15, 10, 6^4, 5^3, 2\})$	2040
30	$\mathcal{O}(0; \{15, 10^2, 3^2, 2^8\})$	24
30	$\mathcal{O}(0; \{15, 10^2, 3^5, 2^4\})$	264
30	$\mathcal{O}(0; \{15, 10^2, 3^8\})$	2040
30	$\mathcal{O}(0; \{15, 10^2, 5^5, 3^2\})$	26216
30	$\mathcal{O}(0; \{15, 10^2, 6, 2^9\})$	24
30	$\mathcal{O}(0; \{15, 10^2, 6, 3^3, 2^5\})$	120
30	$\mathcal{O}(0; \{15, 10^2, 6, 3^6, 2\})$	1032
30	$\mathcal{O}(0; \{15, 10^2, 6, 5^5, 2\})$	26216
30	$\mathcal{O}(0; \{15, 10^2, 6^2, 3, 2^6\})$	72
30	$\mathcal{O}(0; \{15, 10^2, 6^2, 3^4, 2^2\})$	504
30	$\mathcal{O}(0; \{15, 10^2, 6^3, 3^2, 2^3\})$	264

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{15, 10^2, 6^4, 2^4\})$	120
30	$\mathcal{O}(0; \{15, 10^2, 6^4, 3^3\})$	1032
30	$\mathcal{O}(0; \{15, 10^2, 6^5, 3, 2\})$	504
30	$\mathcal{O}(0; \{15, 10^3, 5^2, 3^2, 2^3\})$	1640
30	$\mathcal{O}(0; \{15, 10^3, 6, 5^2, 2^4\})$	1640
30	$\mathcal{O}(0; \{15, 10^3, 6, 5^2, 3^3\})$	8200
30	$\mathcal{O}(0; \{15, 10^3, 6^2, 5^2, 3, 2\})$	4920
30	$\mathcal{O}(0; \{15, 10^5, 5, 3^2, 2\})$	6552
30	$\mathcal{O}(0; \{15, 10^5, 6, 5, 2^2\})$	6552
30	$\mathcal{O}(0; \{15, 10^7, 6\})$	26216
30	$\mathcal{O}(0; \{15^2, 5^4, 2^6\})$	1640
30	$\mathcal{O}(0; \{15^2, 5^4, 3^3, 2^2\})$	8200
30	$\mathcal{O}(0; \{15^2, 6, 5^4, 3, 2^3\})$	4920
30	$\mathcal{O}(0; \{15^2, 6^2, 5^4, 3^2\})$	18040
30	$\mathcal{O}(0; \{15^2, 6^3, 5^4, 2\})$	8200
30	$\mathcal{O}(0; \{15^2, 10, 5, 2^9\})$	104
30	$\mathcal{O}(0; \{15^2, 10, 5, 3^3, 2^5\})$	520
30	$\mathcal{O}(0; \{15^2, 10, 5, 3^6, 2\})$	4472
30	$\mathcal{O}(0; \{15^2, 10, 5^6, 2\})$	104856
30	$\mathcal{O}(0; \{15^2, 10, 6, 5, 3, 2^6\})$	312
30	$\mathcal{O}(0; \{15^2, 10, 6, 5, 3^4, 2^2\})$	2184
30	$\mathcal{O}(0; \{15^2, 10, 6^2, 5, 3^2, 2^3\})$	1144
30	$\mathcal{O}(0; \{15^2, 10, 6^3, 5, 2^4\})$	520
30	$\mathcal{O}(0; \{15^2, 10, 6^3, 5, 3^3\})$	4472
30	$\mathcal{O}(0; \{15^2, 10, 6^4, 5, 3, 2\})$	2184
30	$\mathcal{O}(0; \{15^2, 10^2, 5^3, 2^4\})$	6552
30	$\mathcal{O}(0; \{15^2, 10^2, 5^3, 3^3\})$	32760
30	$\mathcal{O}(0; \{15^2, 10^2, 6, 5^3, 3, 2\})$	19656
30	$\mathcal{O}(0; \{15^2, 10^3, 2^7\})$	408
30	$\mathcal{O}(0; \{15^2, 10^3, 3^3, 2^3\})$	2040
30	$\mathcal{O}(0; \{15^2, 10^3, 6, 3, 2^4\})$	1224
30	$\mathcal{O}(0; \{15^2, 10^3, 6, 3^4\})$	8568
30	$\mathcal{O}(0; \{15^2, 10^3, 6^2, 3^2, 2\})$	4488
30	$\mathcal{O}(0; \{15^2, 10^3, 6^3, 2^2\})$	2040
30	$\mathcal{O}(0; \{15^2, 10^4, 5^2, 2^2\})$	26216
30	$\mathcal{O}(0; \{15^2, 10^6, 5\})$	104856
30	$\mathcal{O}(0; \{15^3, 5^2, 3, 2^6\})$	1224
30	$\mathcal{O}(0; \{15^3, 5^2, 3^4, 2^2\})$	8568
30	$\mathcal{O}(0; \{15^3, 6, 5^2, 3^2, 2^3\})$	4488
30	$\mathcal{O}(0; \{15^3, 6^2, 5^2, 2^4\})$	2040
30	$\mathcal{O}(0; \{15^3, 6^2, 5^2, 3^3\})$	17544
30	$\mathcal{O}(0; \{15^3, 6^3, 5^2, 3, 2\})$	8568
30	$\mathcal{O}(0; \{15^3, 10, 5^4, 3, 2\})$	78648

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{15^3, 10^2, 5, 3, 2^4\})$	4920
30	$\mathcal{O}(0; \{15^3, 10^2, 5, 3^4\})$	34440
30	$\mathcal{O}(0; \{15^3, 10^2, 6, 5, 3^2, 2\})$	18040
30	$\mathcal{O}(0; \{15^3, 10^2, 6^2, 5, 2^2\})$	8200
30	$\mathcal{O}(0; \{15^3, 10^4, 3, 2^2\})$	19656
30	$\mathcal{O}(0; \{15^3, 10^4, 6^2\})$	32760
30	$\mathcal{O}(0; \{15^4, 3^2, 2^6\})$	1144
30	$\mathcal{O}(0; \{15^4, 3^5, 2^2\})$	8840
30	$\mathcal{O}(0; \{15^4, 6, 2^7\})$	520
30	$\mathcal{O}(0; \{15^4, 6, 3^3, 2^3\})$	4472
30	$\mathcal{O}(0; \{15^4, 6^2, 3, 2^4\})$	2184
30	$\mathcal{O}(0; \{15^4, 6^2, 3^4\})$	17784
30	$\mathcal{O}(0; \{15^4, 6^3, 3^2, 2\})$	8840
30	$\mathcal{O}(0; \{15^4, 6^4, 2^2\})$	4472
30	$\mathcal{O}(0; \{15^4, 10, 5^2, 3^2, 2\})$	72072
30	$\mathcal{O}(0; \{15^4, 10, 6, 5^2, 2^2\})$	32760
30	$\mathcal{O}(0; \{15^4, 10^3, 6, 5\})$	131080
30	$\mathcal{O}(0; \{15^5, 5^3, 2^2\})$	131080
30	$\mathcal{O}(0; \{15^5, 10, 2^5\})$	8200
30	$\mathcal{O}(0; \{15^5, 10, 3^3, 2\})$	70520
30	$\mathcal{O}(0; \{15^5, 10, 6, 3, 2^2\})$	34440
30	$\mathcal{O}(0; \{15^5, 10, 6^3\})$	70520
30	$\mathcal{O}(0; \{15^5, 10^2, 5^2\})$	524280
30	$\mathcal{O}(0; \{15^6, 5, 3, 2^2\})$	137592
30	$\mathcal{O}(0; \{15^6, 6^2, 5\})$	281736
30	$\mathcal{O}(0; \{15^6, 10^2, 3\})$	550536
30	$\mathcal{O}(0; \{30, 5^2, 3^3, 2^7\})$	72
30	$\mathcal{O}(0; \{30, 5^2, 3^6, 2^3\})$	504
30	$\mathcal{O}(0; \{30, 6, 5^2, 3, 2^8\})$	24
30	$\mathcal{O}(0; \{30, 6, 5^2, 3^4, 2^4\})$	264
30	$\mathcal{O}(0; \{30, 6, 5^2, 3^7\})$	2040
30	$\mathcal{O}(0; \{30, 6, 5^7, 3\})$	26216
30	$\mathcal{O}(0; \{30, 6^2, 5^2, 3^2, 2^5\})$	120
30	$\mathcal{O}(0; \{30, 6^2, 5^2, 3^5, 2\})$	1032
30	$\mathcal{O}(0; \{30, 6^3, 5^2, 2^6\})$	72
30	$\mathcal{O}(0; \{30, 6^3, 5^2, 3^3, 2^2\})$	504
30	$\mathcal{O}(0; \{30, 6^4, 5^2, 3, 2^3\})$	264
30	$\mathcal{O}(0; \{30, 6^5, 5^2, 3^2\})$	1032
30	$\mathcal{O}(0; \{30, 6^6, 5^2, 2\})$	504
30	$\mathcal{O}(0; \{30, 10, 5^4, 3^3, 2^2\})$	4920
30	$\mathcal{O}(0; \{30, 10, 6, 5^4, 3, 2^3\})$	1640
30	$\mathcal{O}(0; \{30, 10, 6^2, 5^4, 3^2\})$	8200
30	$\mathcal{O}(0; \{30, 10, 6^3, 5^4, 2\})$	4920

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30, 10^2, 5, 3^3, 2^5\})$	312
30	$\mathcal{O}(0; \{30, 10^2, 5, 3^6, 2\})$	2184
30	$\mathcal{O}(0; \{30, 10^2, 6, 5, 3, 2^6\})$	104
30	$\mathcal{O}(0; \{30, 10^2, 6, 5, 3^4, 2^2\})$	1144
30	$\mathcal{O}(0; \{30, 10^2, 6^2, 5, 3^2, 2^3\})$	520
30	$\mathcal{O}(0; \{30, 10^2, 6^3, 5, 2^4\})$	312
30	$\mathcal{O}(0; \{30, 10^2, 6^3, 5, 3^3\})$	2184
30	$\mathcal{O}(0; \{30, 10^2, 6^4, 5, 3, 2\})$	1144
30	$\mathcal{O}(0; \{30, 10^3, 5^3, 3^3\})$	19656
30	$\mathcal{O}(0; \{30, 10^3, 6, 5^3, 3, 2\})$	6552
30	$\mathcal{O}(0; \{30, 10^4, 3^3, 2^3\})$	1224
30	$\mathcal{O}(0; \{30, 10^4, 6, 3, 2^4\})$	408
30	$\mathcal{O}(0; \{30, 10^4, 6, 3^4\})$	4488
30	$\mathcal{O}(0; \{30, 10^4, 6^2, 3^2, 2\})$	2040
30	$\mathcal{O}(0; \{30, 10^4, 6^3, 2^2\})$	1224
30	$\mathcal{O}(0; \{30, 15, 3, 2^{11}\})$	8
30	$\mathcal{O}(0; \{30, 15, 3^4, 2^7\})$	88
30	$\mathcal{O}(0; \{30, 15, 3^7, 2^3\})$	680
30	$\mathcal{O}(0; \{30, 15, 5^5, 3, 2^3\})$	6552
30	$\mathcal{O}(0; \{30, 15, 6, 3^2, 2^8\})$	40
30	$\mathcal{O}(0; \{30, 15, 6, 3^5, 2^4\})$	344
30	$\mathcal{O}(0; \{30, 15, 6, 3^8\})$	2728
30	$\mathcal{O}(0; \{30, 15, 6, 5^5, 3^2\})$	32760
30	$\mathcal{O}(0; \{30, 15, 6^2, 2^9\})$	24
30	$\mathcal{O}(0; \{30, 15, 6^2, 3^3, 2^5\})$	168
30	$\mathcal{O}(0; \{30, 15, 6^2, 3^6, 2\})$	1368
30	$\mathcal{O}(0; \{30, 15, 6^2, 5^5, 2\})$	19656
30	$\mathcal{O}(0; \{30, 15, 6^3, 3, 2^6\})$	88
30	$\mathcal{O}(0; \{30, 15, 6^3, 3^4, 2^2\})$	680
30	$\mathcal{O}(0; \{30, 15, 6^4, 3^2, 2^3\})$	344
30	$\mathcal{O}(0; \{30, 15, 6^5, 2^4\})$	168
30	$\mathcal{O}(0; \{30, 15, 6^5, 3^3\})$	1368
30	$\mathcal{O}(0; \{30, 15, 6^6, 3, 2\})$	680
30	$\mathcal{O}(0; \{30, 15, 10, 5^2, 3, 2^6\})$	408
30	$\mathcal{O}(0; \{30, 15, 10, 5^2, 3^4, 2^2\})$	4488
30	$\mathcal{O}(0; \{30, 15, 10, 6, 5^2, 3^2, 2^3\})$	2040
30	$\mathcal{O}(0; \{30, 15, 10, 6^2, 5^2, 2^4\})$	1224
30	$\mathcal{O}(0; \{30, 15, 10, 6^2, 5^2, 3^3\})$	8568
30	$\mathcal{O}(0; \{30, 15, 10, 6^3, 5^2, 3, 2\})$	4488
30	$\mathcal{O}(0; \{30, 15, 10^2, 5^4, 3, 2\})$	26216
30	$\mathcal{O}(0; \{30, 15, 10^3, 5, 3, 2^4\})$	1640
30	$\mathcal{O}(0; \{30, 15, 10^3, 5, 3^4\})$	18040
30	$\mathcal{O}(0; \{30, 15, 10^3, 6, 5, 3^2, 2\})$	8200

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30, 15, 10^3, 6^2, 5, 2^2\})$	4920
30	$\mathcal{O}(0; \{30, 15, 10^5, 3, 2^2\})$	6552
30	$\mathcal{O}(0; \{30, 15, 10^5, 6^2\})$	19656
30	$\mathcal{O}(0; \{30, 15^2, 5^3, 3^2, 2^3\})$	8200
30	$\mathcal{O}(0; \{30, 15^2, 6, 5^3, 2^4\})$	4920
30	$\mathcal{O}(0; \{30, 15^2, 6, 5^3, 3^3\})$	34440
30	$\mathcal{O}(0; \{30, 15^2, 6^2, 5^3, 3, 2\})$	18040
30	$\mathcal{O}(0; \{30, 15^2, 10, 3^2, 2^6\})$	520
30	$\mathcal{O}(0; \{30, 15^2, 10, 3^5, 2^2\})$	4472
30	$\mathcal{O}(0; \{30, 15^2, 10, 6, 2^7\})$	312
30	$\mathcal{O}(0; \{30, 15^2, 10, 6, 3^3, 2^3\})$	2184
30	$\mathcal{O}(0; \{30, 15^2, 10, 6^2, 3, 2^4\})$	1144
30	$\mathcal{O}(0; \{30, 15^2, 10, 6^2, 3^4\})$	8840
30	$\mathcal{O}(0; \{30, 15^2, 10, 6^3, 3^2, 2\})$	4472
30	$\mathcal{O}(0; \{30, 15^2, 10, 6^4, 2^2\})$	2184
30	$\mathcal{O}(0; \{30, 15^2, 10^2, 5^2, 3^2, 2\})$	32760
30	$\mathcal{O}(0; \{30, 15^2, 10^2, 6, 5^2, 2^2\})$	19656
30	$\mathcal{O}(0; \{30, 15^2, 10^4, 6, 5\})$	78648
30	$\mathcal{O}(0; \{30, 15^3, 5, 2^7\})$	1224
30	$\mathcal{O}(0; \{30, 15^3, 5, 3^3, 2^3\})$	8568
30	$\mathcal{O}(0; \{30, 15^3, 6, 5, 3, 2^4\})$	4488
30	$\mathcal{O}(0; \{30, 15^3, 6, 5, 3^4\})$	34680
30	$\mathcal{O}(0; \{30, 15^3, 6^2, 5, 3^2, 2\})$	17544
30	$\mathcal{O}(0; \{30, 15^3, 6^3, 5, 2^2\})$	8568
30	$\mathcal{O}(0; \{30, 15^3, 10, 5^3, 2^2\})$	78648
30	$\mathcal{O}(0; \{30, 15^3, 10^2, 2^3\})$	4920
30	$\mathcal{O}(0; \{30, 15^3, 10^2, 3^3, 2\})$	34440
30	$\mathcal{O}(0; \{30, 15^3, 10^2, 6, 3, 2^2\})$	18040
30	$\mathcal{O}(0; \{30, 15^3, 10^2, 6^3\})$	34440
30	$\mathcal{O}(0; \{30, 15^3, 10^3, 5^2\})$	314568
30	$\mathcal{O}(0; \{30, 15^4, 10, 5, 3, 2^2\})$	72072
30	$\mathcal{O}(0; \{30, 15^4, 10, 6^2, 5\})$	137592
30	$\mathcal{O}(0; \{30, 15^4, 10^3, 3\})$	288376
30	$\mathcal{O}(0; \{30, 15^5, 6, 5^2\})$	550536
30	$\mathcal{O}(0; \{30, 15^6, 2^3\})$	137592
30	$\mathcal{O}(0; \{30, 15^6, 6, 3\})$	556920
30	$\mathcal{O}(0; \{30^2, 5, 3^2, 2^8\})$	72
30	$\mathcal{O}(0; \{30^2, 5, 3^5, 2^4\})$	504
30	$\mathcal{O}(0; \{30^2, 5, 3^8\})$	4104
30	$\mathcal{O}(0; \{30^2, 5^6, 3^2\})$	78648
30	$\mathcal{O}(0; \{30^2, 6, 5, 2^9\})$	24
30	$\mathcal{O}(0; \{30^2, 6, 5, 3^3, 2^5\})$	264
30	$\mathcal{O}(0; \{30^2, 6, 5, 3^6, 2\})$	2040

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30^2, 6, 5^6, 2\})$	26216
30	$\mathcal{O}(0; \{30^2, 6^2, 5, 3, 2^6\})$	120
30	$\mathcal{O}(0; \{30^2, 6^2, 5, 3^4, 2^2\})$	1032
30	$\mathcal{O}(0; \{30^2, 6^3, 5, 3^2, 2^3\})$	504
30	$\mathcal{O}(0; \{30^2, 6^4, 5, 2^4\})$	264
30	$\mathcal{O}(0; \{30^2, 6^4, 5, 3^3\})$	2040
30	$\mathcal{O}(0; \{30^2, 6^5, 5, 3, 2\})$	1032
30	$\mathcal{O}(0; \{30^2, 10, 5^3, 3^2, 2^3\})$	4920
30	$\mathcal{O}(0; \{30^2, 10, 6, 5^3, 2^4\})$	1640
30	$\mathcal{O}(0; \{30^2, 10, 6, 5^3, 3^3\})$	18040
30	$\mathcal{O}(0; \{30^2, 10, 6^2, 5^3, 3, 2\})$	8200
30	$\mathcal{O}(0; \{30^2, 10^2, 3^2, 2^6\})$	312
30	$\mathcal{O}(0; \{30^2, 10^2, 3^5, 2^2\})$	2184
30	$\mathcal{O}(0; \{30^2, 10^2, 6, 2^7\})$	104
30	$\mathcal{O}(0; \{30^2, 10^2, 6, 3^3, 2^3\})$	1144
30	$\mathcal{O}(0; \{30^2, 10^2, 6^2, 3, 2^4\})$	520
30	$\mathcal{O}(0; \{30^2, 10^2, 6^2, 3^4\})$	4472
30	$\mathcal{O}(0; \{30^2, 10^2, 6^3, 3^2, 2\})$	2184
30	$\mathcal{O}(0; \{30^2, 10^2, 6^4, 2^2\})$	1144
30	$\mathcal{O}(0; \{30^2, 10^3, 5^2, 3^2, 2\})$	19656
30	$\mathcal{O}(0; \{30^2, 10^3, 6, 5^2, 2^2\})$	6552
30	$\mathcal{O}(0; \{30^2, 10^5, 6, 5\})$	26216
30	$\mathcal{O}(0; \{30^2, 15, 5^4, 2^4\})$	6552
30	$\mathcal{O}(0; \{30^2, 15, 5^4, 3^3\})$	72072
30	$\mathcal{O}(0; \{30^2, 15, 6, 5^4, 3, 2\})$	32760
30	$\mathcal{O}(0; \{30^2, 15, 10, 5, 2^7\})$	408
30	$\mathcal{O}(0; \{30^2, 15, 10, 5, 3^3, 2^3\})$	4488
30	$\mathcal{O}(0; \{30^2, 15, 10, 6, 5, 3, 2^4\})$	2040
30	$\mathcal{O}(0; \{30^2, 15, 10, 6, 5, 3^4\})$	17544
30	$\mathcal{O}(0; \{30^2, 15, 10, 6^2, 5, 3^2, 2\})$	8568
30	$\mathcal{O}(0; \{30^2, 15, 10, 6^3, 5, 2^2\})$	4488
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 5^3, 2^2\})$	26216
30	$\mathcal{O}(0; \{30^2, 15, 10^3, 2^5\})$	1640
30	$\mathcal{O}(0; \{30^2, 15, 10^3, 3^3, 2\})$	18040
30	$\mathcal{O}(0; \{30^2, 15, 10^3, 6, 3, 2^2\})$	8200
30	$\mathcal{O}(0; \{30^2, 15, 10^3, 6^3\})$	18040
30	$\mathcal{O}(0; \{30^2, 15, 10^4, 5^2\})$	104856
30	$\mathcal{O}(0; \{30^2, 15^2, 5^2, 3, 2^4\})$	8200
30	$\mathcal{O}(0; \{30^2, 15^2, 5^2, 3^4\})$	70520
30	$\mathcal{O}(0; \{30^2, 15^2, 6, 5^2, 3^2, 2\})$	34440
30	$\mathcal{O}(0; \{30^2, 15^2, 6^2, 5^2, 2^2\})$	18040
30	$\mathcal{O}(0; \{30^2, 15^2, 10^2, 5, 3, 2^2\})$	32760
30	$\mathcal{O}(0; \{30^2, 15^2, 10^2, 6^2, 5\})$	72072

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30^2, 15^2, 10^4, 3\})$	131080
30	$\mathcal{O}(0; \{30^2, 15^3, 3^2, 2^4\})$	8568
30	$\mathcal{O}(0; \{30^2, 15^3, 3^5\})$	69768
30	$\mathcal{O}(0; \{30^2, 15^3, 6, 2^5\})$	4488
30	$\mathcal{O}(0; \{30^2, 15^3, 6, 3^3, 2\})$	34680
30	$\mathcal{O}(0; \{30^2, 15^3, 6^2, 3, 2^2\})$	17544
30	$\mathcal{O}(0; \{30^2, 15^3, 6^4\})$	34680
30	$\mathcal{O}(0; \{30^2, 15^3, 10, 6, 5^2\})$	288376
30	$\mathcal{O}(0; \{30^2, 15^4, 5^3\})$	1153416
30	$\mathcal{O}(0; \{30^2, 15^4, 10, 2^3\})$	72072
30	$\mathcal{O}(0; \{30^2, 15^4, 10, 6, 3\})$	281736
30	$\mathcal{O}(0; \{30^2, 15^5, 5, 3\})$	1127288
30	$\mathcal{O}(0; \{30^3, 3, 2^9\})$	72
30	$\mathcal{O}(0; \{30^3, 3^4, 2^5\})$	504
30	$\mathcal{O}(0; \{30^3, 3^7, 2\})$	4104
30	$\mathcal{O}(0; \{30^3, 5^5, 3, 2\})$	78648
30	$\mathcal{O}(0; \{30^3, 6, 3^2, 2^6\})$	264
30	$\mathcal{O}(0; \{30^3, 6, 3^5, 2^2\})$	2040
30	$\mathcal{O}(0; \{30^3, 6^2, 2^7\})$	120
30	$\mathcal{O}(0; \{30^3, 6^2, 3^3, 2^3\})$	1032
30	$\mathcal{O}(0; \{30^3, 6^3, 3, 2^4\})$	504
30	$\mathcal{O}(0; \{30^3, 6^3, 3^4\})$	4104
30	$\mathcal{O}(0; \{30^3, 6^4, 3^2, 2\})$	2040
30	$\mathcal{O}(0; \{30^3, 6^5, 2^2\})$	1032
30	$\mathcal{O}(0; \{30^3, 10, 5^2, 3, 2^4\})$	4920
30	$\mathcal{O}(0; \{30^3, 10, 5^2, 3^4\})$	34440
30	$\mathcal{O}(0; \{30^3, 10, 6, 5^2, 3^2, 2\})$	18040
30	$\mathcal{O}(0; \{30^3, 10, 6^2, 5^2, 2^2\})$	8200
30	$\mathcal{O}(0; \{30^3, 10^3, 5, 3, 2^2\})$	19656
30	$\mathcal{O}(0; \{30^3, 10^3, 6^2, 5\})$	32760
30	$\mathcal{O}(0; \{30^3, 10^5, 3\})$	78648
30	$\mathcal{O}(0; \{30^3, 15, 5^3, 3^2, 2\})$	72072
30	$\mathcal{O}(0; \{30^3, 15, 6, 5^3, 2^2\})$	32760
30	$\mathcal{O}(0; \{30^3, 15, 10, 3^2, 2^4\})$	4488
30	$\mathcal{O}(0; \{30^3, 15, 10, 3^5\})$	34680
30	$\mathcal{O}(0; \{30^3, 15, 10, 6, 2^5\})$	2040
30	$\mathcal{O}(0; \{30^3, 15, 10, 6, 3^3, 2\})$	17544
30	$\mathcal{O}(0; \{30^3, 15, 10, 6^2, 3, 2^2\})$	8568
30	$\mathcal{O}(0; \{30^3, 15, 10, 6^4\})$	17544
30	$\mathcal{O}(0; \{30^3, 15, 10^2, 6, 5^2\})$	131080
30	$\mathcal{O}(0; \{30^3, 15^2, 5, 2^5\})$	8200
30	$\mathcal{O}(0; \{30^3, 15^2, 5, 3^3, 2\})$	70520
30	$\mathcal{O}(0; \{30^3, 15^2, 6, 5, 3, 2^2\})$	34440

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30^3, 15^2, 6^3, 5\})$	70520
30	$\mathcal{O}(0; \{30^3, 15^2, 10, 5^3\})$	524280
30	$\mathcal{O}(0; \{30^3, 15^2, 10^2, 2^3\})$	32760
30	$\mathcal{O}(0; \{30^3, 15^2, 10^2, 6, 3\})$	137592
30	$\mathcal{O}(0; \{30^3, 15^3, 10, 5, 3\})$	550536
30	$\mathcal{O}(0; \{30^3, 15^5, 2\})$	1127288
30	$\mathcal{O}(0; \{30^4, 5^4, 2^2\})$	78648
30	$\mathcal{O}(0; \{30^4, 10, 5, 2^5\})$	4920
30	$\mathcal{O}(0; \{30^4, 10, 5, 3^3, 2\})$	34440
30	$\mathcal{O}(0; \{30^4, 10, 6, 5, 3, 2^2\})$	18040
30	$\mathcal{O}(0; \{30^4, 10, 6^3, 5\})$	34440
30	$\mathcal{O}(0; \{30^4, 10^2, 5^3\})$	314568
30	$\mathcal{O}(0; \{30^4, 10^3, 2^3\})$	19656
30	$\mathcal{O}(0; \{30^4, 10^3, 6, 3\})$	72072
30	$\mathcal{O}(0; \{30^4, 15, 5^2, 3, 2^2\})$	72072
30	$\mathcal{O}(0; \{30^4, 15, 6^2, 5^2\})$	137592
30	$\mathcal{O}(0; \{30^4, 15, 10^2, 5, 3\})$	288376
30	$\mathcal{O}(0; \{30^4, 15^2, 3^2, 2^2\})$	70520
30	$\mathcal{O}(0; \{30^4, 15^2, 6, 2^3\})$	34440
30	$\mathcal{O}(0; \{30^4, 15^2, 6^2, 3\})$	139400
30	$\mathcal{O}(0; \{30^4, 15^3, 10, 2\})$	550536
30	$\mathcal{O}(0; \{30^5, 6, 5^3\})$	288376
30	$\mathcal{O}(0; \{30^5, 10, 3^2, 2^2\})$	34440
30	$\mathcal{O}(0; \{30^5, 10, 6, 2^3\})$	18040
30	$\mathcal{O}(0; \{30^5, 10, 6^2, 3\})$	70520
30	$\mathcal{O}(0; \{30^5, 15, 5, 2^3\})$	72072
30	$\mathcal{O}(0; \{30^5, 15, 6, 5, 3\})$	281736
30	$\mathcal{O}(0; \{30^5, 15, 10^2, 2\})$	288376
30	$\mathcal{O}(0; \{30^6, 5^2, 3\})$	550536
30	$\mathcal{O}(0; \{30^6, 15, 3^2\})$	556920
30	$\mathcal{O}(0; \{30^6, 15, 6, 2\})$	281736
30	$\mathcal{O}(0; \{30^7, 5, 2\})$	550536
31	$\mathcal{O}(2; \{31^4\})$	24131603730
32	$\mathcal{O}(2; \{32^2, 4, 2^2\})$	33554432
32	$\mathcal{O}(2; \{32^2, 8^2\})$	268435456
32	$\mathcal{O}(1; \{32^2, 4, 2^6\})$	32768
32	$\mathcal{O}(1; \{32^2, 4^3, 2^3\})$	131072
32	$\mathcal{O}(1; \{32^2, 4^5\})$	524288
32	$\mathcal{O}(1; \{32^2, 8^2, 2^4\})$	262144
32	$\mathcal{O}(1; \{32^2, 8^2, 4^2, 2\})$	1048576
32	$\mathcal{O}(1; \{32^2, 16^2, 8, 2^2\})$	4194304
32	$\mathcal{O}(1; \{32^2, 16^4\})$	67108864
32	$\mathcal{O}(1; \{32^4, 16, 8\})$	134217728

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
32	$\mathcal{O}(0; \{32^2, 4, 2^{10}\})$	32
32	$\mathcal{O}(0; \{32^2, 4^3, 2^7\})$	128
32	$\mathcal{O}(0; \{32^2, 4^5, 2^4\})$	512
32	$\mathcal{O}(0; \{32^2, 4^7, 2\})$	2048
32	$\mathcal{O}(0; \{32^2, 8^2, 2^8\})$	256
32	$\mathcal{O}(0; \{32^2, 8^2, 4^2, 2^5\})$	1024
32	$\mathcal{O}(0; \{32^2, 8^2, 4^4, 2^2\})$	4096
32	$\mathcal{O}(0; \{32^2, 8^4, 4, 2^3\})$	8192
32	$\mathcal{O}(0; \{32^2, 8^4, 4^3\})$	32768
32	$\mathcal{O}(0; \{32^2, 8^6, 2\})$	65536
32	$\mathcal{O}(0; \{32^2, 16^2, 8, 2^6\})$	4096
32	$\mathcal{O}(0; \{32^2, 16^2, 8, 4^2, 2^3\})$	16384
32	$\mathcal{O}(0; \{32^2, 16^2, 8, 4^4\})$	65536
32	$\mathcal{O}(0; \{32^2, 16^2, 8^3, 4, 2\})$	131072
32	$\mathcal{O}(0; \{32^2, 16^4, 2^4\})$	65536
32	$\mathcal{O}(0; \{32^2, 16^4, 4^2, 2\})$	262144
32	$\mathcal{O}(0; \{32^4, 16, 8, 2^4\})$	131072
32	$\mathcal{O}(0; \{32^4, 16, 8, 4^2, 2\})$	524288
32	$\mathcal{O}(0; \{32^4, 16^3, 2^2\})$	2097152
32	$\mathcal{O}(0; \{32^6, 8, 2^2\})$	4194304
32	$\mathcal{O}(0; \{32^6, 16^2\})$	67108864
33	$\mathcal{O}(2; \{33^2, 11, 3\})$	213465780
33	$\mathcal{O}(1; \{33^2, 11, 3^4\})$	2156220
33	$\mathcal{O}(1; \{33^5, 3\})$	217778220
33	$\mathcal{O}(0; \{33, 11^5, 3^3\})$	545460
33	$\mathcal{O}(0; \{33^2, 11, 3^7\})$	15300
33	$\mathcal{O}(0; \{33^4, 11^4\})$	54545460
33	$\mathcal{O}(0; \{33^5, 3^4\})$	1545300
34	$\mathcal{O}(2; \{34, 17^2, 2\})$	320720640
34	$\mathcal{O}(1; \{34, 17^2, 2^5\})$	277440
34	$\mathcal{O}(1; \{34^3, 17, 2^3\})$	4457536
34	$\mathcal{O}(1; \{34^5, 2\})$	71302080
34	$\mathcal{O}(0; \{34, 17^2, 2^9\})$	240
34	$\mathcal{O}(0; \{34^3, 17, 2^7\})$	3856
34	$\mathcal{O}(0; \{34^5, 2^5\})$	61680
35	$\mathcal{O}(2; \{5^4\})$	78000000
35	$\mathcal{O}(1; \{35, 7^4, 5\})$	5439000
35	$\mathcal{O}(1; \{35^2, 7, 5^3\})$	7497000
35	$\mathcal{O}(0; \{35^3, 7^5\})$	2879352
35	$\mathcal{O}(0; \{35^4, 7^2, 5^2\})$	5466120
36	$\mathcal{O}(1; \{9^4, 4^2\})$	419904
36	$\mathcal{O}(1; \{18, 9^2, 6, 4^2\})$	93312
36	$\mathcal{O}(1; \{18, 12, 9^2, 4, 3\})$	186624

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(1; \{18, 12^2, 9^2, 2\})$	186624
36	$\mathcal{O}(1; \{18^2, 4^2, 3, 2^2\})$	31104
36	$\mathcal{O}(1; \{18^2, 6^2, 4^2\})$	62208
36	$\mathcal{O}(1; \{18^2, 12, 4, 2^3\})$	31104
36	$\mathcal{O}(1; \{18^2, 12, 4^3\})$	124416
36	$\mathcal{O}(1; \{18^2, 12, 6, 4, 3\})$	124416
36	$\mathcal{O}(1; \{18^2, 12^2, 3^2\})$	248832
36	$\mathcal{O}(1; \{18^2, 12^2, 6, 2\})$	124416
36	$\mathcal{O}(1; \{36, 9^3, 4, 3\})$	839808
36	$\mathcal{O}(1; \{36, 12, 9^3, 2\})$	839808
36	$\mathcal{O}(1; \{36, 18, 9, 4, 2^3\})$	46656
36	$\mathcal{O}(1; \{36, 18, 9, 4^3\})$	186624
36	$\mathcal{O}(1; \{36, 18, 9, 6, 4, 3\})$	186624
36	$\mathcal{O}(1; \{36, 18, 12, 9, 3^2\})$	373248
36	$\mathcal{O}(1; \{36, 18, 12, 9, 6, 2\})$	186624
36	$\mathcal{O}(1; \{36, 18^3, 4, 2\})$	419904
36	$\mathcal{O}(1; \{36^2, 9^2, 3^2\})$	1679616
36	$\mathcal{O}(1; \{36^2, 9^2, 6, 2\})$	839808
36	$\mathcal{O}(1; \{36^2, 18, 3, 2^3\})$	93312
36	$\mathcal{O}(1; \{36^2, 18, 4^2, 3\})$	373248
36	$\mathcal{O}(1; \{36^2, 18, 6, 3^2\})$	373248
36	$\mathcal{O}(1; \{36^2, 18, 6^2, 2\})$	186624
36	$\mathcal{O}(1; \{36^2, 18, 12, 4, 2\})$	373248
36	$\mathcal{O}(1; \{36^3, 9, 4, 2\})$	1679616
36	$\mathcal{O}(1; \{36^4, 3, 2\})$	3359232
36	$\mathcal{O}(0; \{9^4, 4^2, 2^4\})$	324
36	$\mathcal{O}(0; \{9^4, 4^2, 3^3\})$	2592
36	$\mathcal{O}(0; \{9^4, 4^4, 2\})$	1296
36	$\mathcal{O}(0; \{9^4, 6, 4^2, 3, 2\})$	1296
36	$\mathcal{O}(0; \{12, 9^4, 4, 3^2, 2\})$	2592
36	$\mathcal{O}(0; \{12, 9^4, 6, 4, 2^2\})$	1296
36	$\mathcal{O}(0; \{12^2, 9^4, 3, 2^2\})$	2592
36	$\mathcal{O}(0; \{12^2, 9^4, 6^2\})$	5184
36	$\mathcal{O}(0; \{12^3, 9^4, 4\})$	10368
36	$\mathcal{O}(0; \{18, 9^2, 4^2, 3^2, 2^3\})$	144
36	$\mathcal{O}(0; \{18, 9^2, 4^4, 3^2\})$	576
36	$\mathcal{O}(0; \{18, 9^2, 6, 4^2, 2^4\})$	72
36	$\mathcal{O}(0; \{18, 9^2, 6, 4^2, 3^3\})$	576
36	$\mathcal{O}(0; \{18, 9^2, 6, 4^4, 2\})$	288
36	$\mathcal{O}(0; \{18, 9^2, 6^2, 4^2, 3, 2\})$	288
36	$\mathcal{O}(0; \{18, 12, 9^2, 4, 3, 2^4\})$	144
36	$\mathcal{O}(0; \{18, 12, 9^2, 4, 3^4\})$	1152
36	$\mathcal{O}(0; \{18, 12, 9^2, 4^3, 3, 2\})$	576

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{18, 12, 9^2, 6, 4, 3^2, 2\})$	576
36	$\mathcal{O}(0; \{18, 12, 9^2, 6^2, 4, 2^2\})$	288
36	$\mathcal{O}(0; \{18, 12, 9^5, 4\})$	21384
36	$\mathcal{O}(0; \{18, 12^2, 9^2, 2^5\})$	144
36	$\mathcal{O}(0; \{18, 12^2, 9^2, 3^3, 2\})$	1152
36	$\mathcal{O}(0; \{18, 12^2, 9^2, 4^2, 2^2\})$	576
36	$\mathcal{O}(0; \{18, 12^2, 9^2, 6, 3, 2^2\})$	576
36	$\mathcal{O}(0; \{18, 12^2, 9^2, 6^3\})$	1152
36	$\mathcal{O}(0; \{18, 12^3, 9^2, 6, 4\})$	2304
36	$\mathcal{O}(0; \{18, 12^4, 9^2, 3\})$	4608
36	$\mathcal{O}(0; \{18^2, 4^2, 3, 2^6\})$	24
36	$\mathcal{O}(0; \{18^2, 4^2, 3^4, 2^2\})$	192
36	$\mathcal{O}(0; \{18^2, 4^4, 3, 2^3\})$	96
36	$\mathcal{O}(0; \{18^2, 4^6, 3\})$	384
36	$\mathcal{O}(0; \{18^2, 6, 4^2, 3^2, 2^3\})$	96
36	$\mathcal{O}(0; \{18^2, 6, 4^4, 3^2\})$	384
36	$\mathcal{O}(0; \{18^2, 6^2, 4^2, 2^4\})$	48
36	$\mathcal{O}(0; \{18^2, 6^2, 4^2, 3^3\})$	384
36	$\mathcal{O}(0; \{18^2, 6^2, 4^4, 2\})$	192
36	$\mathcal{O}(0; \{18^2, 6^3, 4^2, 3, 2\})$	192
36	$\mathcal{O}(0; \{18^2, 9^3, 4^2, 2^2\})$	1620
36	$\mathcal{O}(0; \{18^2, 12, 4, 2^7\})$	24
36	$\mathcal{O}(0; \{18^2, 12, 4, 3^3, 2^3\})$	192
36	$\mathcal{O}(0; \{18^2, 12, 4^3, 2^4\})$	96
36	$\mathcal{O}(0; \{18^2, 12, 4^3, 3^3\})$	768
36	$\mathcal{O}(0; \{18^2, 12, 4^5, 2\})$	384
36	$\mathcal{O}(0; \{18^2, 12, 6, 4, 3, 2^4\})$	96
36	$\mathcal{O}(0; \{18^2, 12, 6, 4, 3^4\})$	768
36	$\mathcal{O}(0; \{18^2, 12, 6, 4^3, 3, 2\})$	384
36	$\mathcal{O}(0; \{18^2, 12, 6^2, 4, 3^2, 2\})$	384
36	$\mathcal{O}(0; \{18^2, 12, 6^3, 4, 2^2\})$	192
36	$\mathcal{O}(0; \{18^2, 12, 9^3, 6, 4\})$	6480
36	$\mathcal{O}(0; \{18^2, 12^2, 3^2, 2^4\})$	192
36	$\mathcal{O}(0; \{18^2, 12^2, 3^5\})$	1536
36	$\mathcal{O}(0; \{18^2, 12^2, 4^2, 3^2, 2\})$	768
36	$\mathcal{O}(0; \{18^2, 12^2, 6, 2^5\})$	96
36	$\mathcal{O}(0; \{18^2, 12^2, 6, 3^3, 2\})$	768
36	$\mathcal{O}(0; \{18^2, 12^2, 6, 4^2, 2^2\})$	384
36	$\mathcal{O}(0; \{18^2, 12^2, 6^2, 3, 2^2\})$	384
36	$\mathcal{O}(0; \{18^2, 12^2, 6^4\})$	768
36	$\mathcal{O}(0; \{18^2, 12^2, 9^3, 3\})$	12960
36	$\mathcal{O}(0; \{18^2, 12^3, 4, 3, 2^2\})$	768
36	$\mathcal{O}(0; \{18^2, 12^3, 6^2, 4\})$	1536

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{18^2, 12^4, 2^3\})$	768
36	$\mathcal{O}(0; \{18^2, 12^4, 4^2\})$	3072
36	$\mathcal{O}(0; \{18^2, 12^4, 6, 3\})$	3072
36	$\mathcal{O}(0; \{18^3, 9, 4^2, 3^2, 2\})$	1296
36	$\mathcal{O}(0; \{18^3, 9, 6, 4^2, 2^2\})$	648
36	$\mathcal{O}(0; \{18^3, 12, 9, 4, 3, 2^2\})$	1296
36	$\mathcal{O}(0; \{18^3, 12, 9, 6^2, 4\})$	2592
36	$\mathcal{O}(0; \{18^3, 12^2, 9, 2^3\})$	1296
36	$\mathcal{O}(0; \{18^3, 12^2, 9, 4^2\})$	5184
36	$\mathcal{O}(0; \{18^3, 12^2, 9, 6, 3\})$	5184
36	$\mathcal{O}(0; \{18^4, 9^2, 4^2\})$	10692
36	$\mathcal{O}(0; \{18^5, 6, 4^2\})$	3240
36	$\mathcal{O}(0; \{18^5, 12, 4, 3\})$	6480
36	$\mathcal{O}(0; \{18^5, 12^2, 2\})$	6480
36	$\mathcal{O}(0; \{36, 9^3, 4, 3, 2^4\})$	648
36	$\mathcal{O}(0; \{36, 9^3, 4, 3^4\})$	5184
36	$\mathcal{O}(0; \{36, 9^3, 4^3, 3, 2\})$	2592
36	$\mathcal{O}(0; \{36, 9^3, 6, 4, 3^2, 2\})$	2592
36	$\mathcal{O}(0; \{36, 9^3, 6^2, 4, 2^2\})$	1296
36	$\mathcal{O}(0; \{36, 9^6, 4\})$	61236
36	$\mathcal{O}(0; \{36, 12, 9^3, 2^5\})$	648
36	$\mathcal{O}(0; \{36, 12, 9^3, 3^3, 2\})$	5184
36	$\mathcal{O}(0; \{36, 12, 9^3, 4^2, 2^2\})$	2592
36	$\mathcal{O}(0; \{36, 12, 9^3, 6, 3, 2^2\})$	2592
36	$\mathcal{O}(0; \{36, 12, 9^3, 6^3\})$	5184
36	$\mathcal{O}(0; \{36, 12^2, 9^3, 6, 4\})$	10368
36	$\mathcal{O}(0; \{36, 12^3, 9^3, 3\})$	20736
36	$\mathcal{O}(0; \{36, 18, 9, 4, 2^7\})$	36
36	$\mathcal{O}(0; \{36, 18, 9, 4, 3^3, 2^3\})$	288
36	$\mathcal{O}(0; \{36, 18, 9, 4^3, 2^4\})$	144
36	$\mathcal{O}(0; \{36, 18, 9, 4^3, 3^3\})$	1152
36	$\mathcal{O}(0; \{36, 18, 9, 4^5, 2\})$	576
36	$\mathcal{O}(0; \{36, 18, 9, 6, 4, 3, 2^4\})$	144
36	$\mathcal{O}(0; \{36, 18, 9, 6, 4, 3^4\})$	1152
36	$\mathcal{O}(0; \{36, 18, 9, 6, 4^3, 3, 2\})$	576
36	$\mathcal{O}(0; \{36, 18, 9, 6^2, 4, 3^2, 2\})$	576
36	$\mathcal{O}(0; \{36, 18, 9, 6^3, 4, 2^2\})$	288
36	$\mathcal{O}(0; \{36, 18, 9^4, 6, 4\})$	21384
36	$\mathcal{O}(0; \{36, 18, 12, 9, 3^2, 2^4\})$	288
36	$\mathcal{O}(0; \{36, 18, 12, 9, 3^5\})$	2304
36	$\mathcal{O}(0; \{36, 18, 12, 9, 4^2, 3^2, 2\})$	1152
36	$\mathcal{O}(0; \{36, 18, 12, 9, 6, 2^5\})$	144
36	$\mathcal{O}(0; \{36, 18, 12, 9, 6, 3^3, 2\})$	1152

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36, 18, 12, 9, 6, 4^2, 2^2\})$	576
36	$\mathcal{O}(0; \{36, 18, 12, 9, 6^2, 3, 2^2\})$	576
36	$\mathcal{O}(0; \{36, 18, 12, 9, 6^4\})$	1152
36	$\mathcal{O}(0; \{36, 18, 12, 9^4, 3\})$	42768
36	$\mathcal{O}(0; \{36, 18, 12^2, 9, 4, 3, 2^2\})$	1152
36	$\mathcal{O}(0; \{36, 18, 12^2, 9, 6^2, 4\})$	2304
36	$\mathcal{O}(0; \{36, 18, 12^3, 9, 2^3\})$	1152
36	$\mathcal{O}(0; \{36, 18, 12^3, 9, 4^2\})$	4608
36	$\mathcal{O}(0; \{36, 18, 12^3, 9, 6, 3\})$	4608
36	$\mathcal{O}(0; \{36, 18^2, 9^2, 4, 3, 2^2\})$	3240
36	$\mathcal{O}(0; \{36, 18^2, 9^2, 6^2, 4\})$	6480
36	$\mathcal{O}(0; \{36, 18^2, 12, 9^2, 2^3\})$	3240
36	$\mathcal{O}(0; \{36, 18^2, 12, 9^2, 4^2\})$	12960
36	$\mathcal{O}(0; \{36, 18^2, 12, 9^2, 6, 3\})$	12960
36	$\mathcal{O}(0; \{36, 18^3, 4, 2^5\})$	324
36	$\mathcal{O}(0; \{36, 18^3, 4, 3^3, 2\})$	2592
36	$\mathcal{O}(0; \{36, 18^3, 4^3, 2^2\})$	1296
36	$\mathcal{O}(0; \{36, 18^3, 6, 4, 3, 2^2\})$	1296
36	$\mathcal{O}(0; \{36, 18^3, 6^3, 4\})$	2592
36	$\mathcal{O}(0; \{36, 18^3, 12, 3^2, 2^2\})$	2592
36	$\mathcal{O}(0; \{36, 18^3, 12, 6, 2^3\})$	1296
36	$\mathcal{O}(0; \{36, 18^3, 12, 6, 4^2\})$	5184
36	$\mathcal{O}(0; \{36, 18^3, 12, 6^2, 3\})$	5184
36	$\mathcal{O}(0; \{36, 18^3, 12^2, 4, 3\})$	10368
36	$\mathcal{O}(0; \{36, 18^3, 12^3, 2\})$	10368
36	$\mathcal{O}(0; \{36, 18^4, 9, 4, 3\})$	21384
36	$\mathcal{O}(0; \{36, 18^4, 12, 9, 2\})$	21384
36	$\mathcal{O}(0; \{36^2, 9^2, 3^2, 2^4\})$	1296
36	$\mathcal{O}(0; \{36^2, 9^2, 3^5\})$	10368
36	$\mathcal{O}(0; \{36^2, 9^2, 4^2, 3^2, 2\})$	5184
36	$\mathcal{O}(0; \{36^2, 9^2, 6, 2^5\})$	648
36	$\mathcal{O}(0; \{36^2, 9^2, 6, 3^3, 2\})$	5184
36	$\mathcal{O}(0; \{36^2, 9^2, 6, 4^2, 2^2\})$	2592
36	$\mathcal{O}(0; \{36^2, 9^2, 6^2, 3, 2^2\})$	2592
36	$\mathcal{O}(0; \{36^2, 9^2, 6^4\})$	5184
36	$\mathcal{O}(0; \{36^2, 9^5, 3\})$	122472
36	$\mathcal{O}(0; \{36^2, 12, 9^2, 4, 3, 2^2\})$	5184
36	$\mathcal{O}(0; \{36^2, 12, 9^2, 6^2, 4\})$	10368
36	$\mathcal{O}(0; \{36^2, 12^2, 9^2, 2^3\})$	5184
36	$\mathcal{O}(0; \{36^2, 12^2, 9^2, 4^2\})$	20736
36	$\mathcal{O}(0; \{36^2, 12^2, 9^2, 6, 3\})$	20736
36	$\mathcal{O}(0; \{36^2, 18, 3, 2^7\})$	72
36	$\mathcal{O}(0; \{36^2, 18, 3^4, 2^3\})$	576

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36^2, 18, 4^2, 3, 2^4\})$	288
36	$\mathcal{O}(0; \{36^2, 18, 4^2, 3^4\})$	2304
36	$\mathcal{O}(0; \{36^2, 18, 4^4, 3, 2\})$	1152
36	$\mathcal{O}(0; \{36^2, 18, 6, 3^2, 2^4\})$	288
36	$\mathcal{O}(0; \{36^2, 18, 6, 3^5\})$	2304
36	$\mathcal{O}(0; \{36^2, 18, 6, 4^2, 3^2, 2\})$	1152
36	$\mathcal{O}(0; \{36^2, 18, 6^2, 2^5\})$	144
36	$\mathcal{O}(0; \{36^2, 18, 6^2, 3^3, 2\})$	1152
36	$\mathcal{O}(0; \{36^2, 18, 6^2, 4^2, 2^2\})$	576
36	$\mathcal{O}(0; \{36^2, 18, 6^3, 3, 2^2\})$	576
36	$\mathcal{O}(0; \{36^2, 18, 6^5\})$	1152
36	$\mathcal{O}(0; \{36^2, 18, 9^3, 2^3\})$	10692
36	$\mathcal{O}(0; \{36^2, 18, 9^3, 4^2\})$	42768
36	$\mathcal{O}(0; \{36^2, 18, 9^3, 6, 3\})$	42768
36	$\mathcal{O}(0; \{36^2, 18, 12, 4, 2^5\})$	288
36	$\mathcal{O}(0; \{36^2, 18, 12, 4, 3^3, 2\})$	2304
36	$\mathcal{O}(0; \{36^2, 18, 12, 4^3, 2^2\})$	1152
36	$\mathcal{O}(0; \{36^2, 18, 12, 6, 4, 3, 2^2\})$	1152
36	$\mathcal{O}(0; \{36^2, 18, 12, 6^3, 4\})$	2304
36	$\mathcal{O}(0; \{36^2, 18, 12^2, 3^2, 2^2\})$	2304
36	$\mathcal{O}(0; \{36^2, 18, 12^2, 6, 2^3\})$	1152
36	$\mathcal{O}(0; \{36^2, 18, 12^2, 6, 4^2\})$	4608
36	$\mathcal{O}(0; \{36^2, 18, 12^2, 6^2, 3\})$	4608
36	$\mathcal{O}(0; \{36^2, 18, 12^3, 4, 3\})$	9216
36	$\mathcal{O}(0; \{36^2, 18, 12^4, 2\})$	9216
36	$\mathcal{O}(0; \{36^2, 18^2, 9, 3^2, 2^2\})$	6480
36	$\mathcal{O}(0; \{36^2, 18^2, 9, 6, 2^3\})$	3240
36	$\mathcal{O}(0; \{36^2, 18^2, 9, 6, 4^2\})$	12960
36	$\mathcal{O}(0; \{36^2, 18^2, 9, 6^2, 3\})$	12960
36	$\mathcal{O}(0; \{36^2, 18^2, 12, 9, 4, 3\})$	25920
36	$\mathcal{O}(0; \{36^2, 18^2, 12^2, 9, 2\})$	25920
36	$\mathcal{O}(0; \{36^2, 18^3, 9^2, 2\})$	61236
36	$\mathcal{O}(0; \{36^2, 18^4, 3^2\})$	42768
36	$\mathcal{O}(0; \{36^2, 18^4, 6, 2\})$	21384
36	$\mathcal{O}(0; \{36^3, 9, 4, 2^5\})$	1296
36	$\mathcal{O}(0; \{36^3, 9, 4, 3^3, 2\})$	10368
36	$\mathcal{O}(0; \{36^3, 9, 4^3, 2^2\})$	5184
36	$\mathcal{O}(0; \{36^3, 9, 6, 4, 3, 2^2\})$	5184
36	$\mathcal{O}(0; \{36^3, 9, 6^3, 4\})$	10368
36	$\mathcal{O}(0; \{36^3, 12, 9, 3^2, 2^2\})$	10368
36	$\mathcal{O}(0; \{36^3, 12, 9, 6, 2^3\})$	5184
36	$\mathcal{O}(0; \{36^3, 12, 9, 6, 4^2\})$	20736
36	$\mathcal{O}(0; \{36^3, 12, 9, 6^2, 3\})$	20736

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36^3, 12^2, 9, 4, 3\})$	41472
36	$\mathcal{O}(0; \{36^3, 12^3, 9, 2\})$	41472
36	$\mathcal{O}(0; \{36^3, 18, 9^2, 4, 3\})$	85536
36	$\mathcal{O}(0; \{36^3, 18, 12, 9^2, 2\})$	85536
36	$\mathcal{O}(0; \{36^3, 18^2, 4, 2^3\})$	6480
36	$\mathcal{O}(0; \{36^3, 18^2, 4^3\})$	25920
36	$\mathcal{O}(0; \{36^3, 18^2, 6, 4, 3\})$	25920
36	$\mathcal{O}(0; \{36^3, 18^2, 12, 3^2\})$	51840
36	$\mathcal{O}(0; \{36^3, 18^2, 12, 6, 2\})$	25920
36	$\mathcal{O}(0; \{36^4, 3, 2^5\})$	2592
36	$\mathcal{O}(0; \{36^4, 3^4, 2\})$	20736
36	$\mathcal{O}(0; \{36^4, 4^2, 3, 2^2\})$	10368
36	$\mathcal{O}(0; \{36^4, 6, 3^2, 2^2\})$	10368
36	$\mathcal{O}(0; \{36^4, 6^2, 2^3\})$	5184
36	$\mathcal{O}(0; \{36^4, 6^2, 4^2\})$	20736
36	$\mathcal{O}(0; \{36^4, 6^3, 3\})$	20736
36	$\mathcal{O}(0; \{36^4, 9^3, 2\})$	244944
36	$\mathcal{O}(0; \{36^4, 12, 4, 2^3\})$	10368
36	$\mathcal{O}(0; \{36^4, 12, 4^3\})$	41472
36	$\mathcal{O}(0; \{36^4, 12, 6, 4, 3\})$	41472
36	$\mathcal{O}(0; \{36^4, 12^2, 3^2\})$	82944
36	$\mathcal{O}(0; \{36^4, 12^2, 6, 2\})$	41472
36	$\mathcal{O}(0; \{36^4, 18, 9, 3^2\})$	171072
36	$\mathcal{O}(0; \{36^4, 18, 9, 6, 2\})$	85536
36	$\mathcal{O}(0; \{36^5, 18, 4, 2\})$	171072
37	$\mathcal{O}(2; \{37^3\})$	2361442860
38	$\mathcal{O}(1; \{19^4, 2^2\})$	7979544
38	$\mathcal{O}(1; \{38^2, 19^3\})$	143605800
38	$\mathcal{O}(0; \{19^4, 2^6\})$	5526
38	$\mathcal{O}(0; \{38^2, 19^3, 2^4\})$	99450
38	$\mathcal{O}(0; \{38^4, 19^2, 2^2\})$	1790118
38	$\mathcal{O}(0; \{38^6, 19\})$	32222106
39	$\mathcal{O}(2; \{3^4\})$	13880160
39	$\mathcal{O}(1; \{3^7\})$	63504
39	$\mathcal{O}(0; \{39, 13^4, 3^3\})$	114840
39	$\mathcal{O}(0; \{39^4, 13^3\})$	16537752
40	$\mathcal{O}(1; \{10^2, 8^2, 2^2\})$	25600
40	$\mathcal{O}(1; \{20^2, 10, 8^2\})$	307200
40	$\mathcal{O}(1; \{40, 10, 8, 5, 2^2\})$	76800
40	$\mathcal{O}(1; \{40, 10^3, 8\})$	332800
40	$\mathcal{O}(1; \{40, 20, 8, 4, 2^2\})$	102400
40	$\mathcal{O}(1; \{40, 20, 8^3\})$	819200
40	$\mathcal{O}(1; \{40, 20^2, 8, 5\})$	1331200

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
40	$\mathcal{O}(1; \{40^2, 5^2, 2^2\})$	332800
40	$\mathcal{O}(1; \{40^2, 10^2, 5\})$	1305600
40	$\mathcal{O}(1; \{40^2, 20, 10, 4\})$	1331200
40	$\mathcal{O}(1; \{40^3, 8, 4\})$	2457600
40	$\mathcal{O}(0; \{8^2, 5^6\})$	3280
40	$\mathcal{O}(0; \{10, 8^2, 5^3, 2^3\})$	208
40	$\mathcal{O}(0; \{10, 8^2, 5^3, 4^2\})$	832
40	$\mathcal{O}(0; \{10^2, 8^2, 2^6\})$	16
40	$\mathcal{O}(0; \{10^2, 8^2, 4^2, 2^3\})$	64
40	$\mathcal{O}(0; \{10^2, 8^2, 4^4\})$	256
40	$\mathcal{O}(0; \{10^2, 8^4, 4, 2\})$	512
40	$\mathcal{O}(0; \{10^3, 8^2, 5^2, 2\})$	816
40	$\mathcal{O}(0; \{20, 8^2, 5^2, 4, 2^3\})$	192
40	$\mathcal{O}(0; \{20, 8^2, 5^2, 4^3\})$	768
40	$\mathcal{O}(0; \{20, 8^4, 5^2, 2\})$	1536
40	$\mathcal{O}(0; \{20, 10^2, 8^2, 5, 4, 2\})$	832
40	$\mathcal{O}(0; \{20^2, 8^2, 5^3, 2\})$	3264
40	$\mathcal{O}(0; \{20^2, 10, 8^2, 2^4\})$	192
40	$\mathcal{O}(0; \{20^2, 10, 8^2, 4^2, 2\})$	768
40	$\mathcal{O}(0; \{20^4, 8^2, 2^2\})$	3328
40	$\mathcal{O}(0; \{40, 8, 5^4, 2^3\})$	816
40	$\mathcal{O}(0; \{40, 8, 5^4, 4^2\})$	3264
40	$\mathcal{O}(0; \{40, 10, 8, 5, 2^6\})$	48
40	$\mathcal{O}(0; \{40, 10, 8, 5, 4^2, 2^3\})$	192
40	$\mathcal{O}(0; \{40, 10, 8, 5, 4^4\})$	768
40	$\mathcal{O}(0; \{40, 10, 8^3, 5, 4, 2\})$	1536
40	$\mathcal{O}(0; \{40, 10^2, 8, 5^3, 2\})$	3280
40	$\mathcal{O}(0; \{40, 10^3, 8, 2^4\})$	208
40	$\mathcal{O}(0; \{40, 10^3, 8, 4^2, 2\})$	832
40	$\mathcal{O}(0; \{40, 20, 8, 4, 2^6\})$	64
40	$\mathcal{O}(0; \{40, 20, 8, 4^3, 2^3\})$	256
40	$\mathcal{O}(0; \{40, 20, 8, 4^5\})$	1024
40	$\mathcal{O}(0; \{40, 20, 8^3, 2^4\})$	512
40	$\mathcal{O}(0; \{40, 20, 8^3, 4^2, 2\})$	2048
40	$\mathcal{O}(0; \{40, 20, 10, 8, 5^2, 4, 2\})$	3264
40	$\mathcal{O}(0; \{40, 20^2, 8, 5, 2^4\})$	832
40	$\mathcal{O}(0; \{40, 20^2, 8, 5, 4^2, 2\})$	3328
40	$\mathcal{O}(0; \{40, 20^2, 10^2, 8, 2^2\})$	3264
40	$\mathcal{O}(0; \{40, 20^4, 10, 8\})$	52480
40	$\mathcal{O}(0; \{40^2, 5^2, 2^6\})$	208
40	$\mathcal{O}(0; \{40^2, 5^2, 4^2, 2^3\})$	832
40	$\mathcal{O}(0; \{40^2, 5^2, 4^4\})$	3328
40	$\mathcal{O}(0; \{40^2, 8^2, 5^2, 4, 2\})$	6656

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
40	$\mathcal{O}(0; \{40^2, 10, 5^4, 2\})$	13104
40	$\mathcal{O}(0; \{40^2, 10^2, 5, 2^4\})$	816
40	$\mathcal{O}(0; \{40^2, 10^2, 5, 4^2, 2\})$	3264
40	$\mathcal{O}(0; \{40^2, 10^4, 2^2\})$	3280
40	$\mathcal{O}(0; \{40^2, 20, 5^3, 4, 2\})$	13120
40	$\mathcal{O}(0; \{40^2, 20, 10, 4, 2^4\})$	832
40	$\mathcal{O}(0; \{40^2, 20, 10, 4^3, 2\})$	3328
40	$\mathcal{O}(0; \{40^2, 20, 10, 8^2, 2^2\})$	6656
40	$\mathcal{O}(0; \{40^2, 20^2, 10, 5, 2^2\})$	13120
40	$\mathcal{O}(0; \{40^2, 20^2, 10^3\})$	52416
40	$\mathcal{O}(0; \{40^2, 20^3, 4, 2^2\})$	13056
40	$\mathcal{O}(0; \{40^2, 20^3, 8^2\})$	104448
40	$\mathcal{O}(0; \{40^2, 20^4, 5\})$	209664
40	$\mathcal{O}(0; \{40^3, 8, 4, 2^4\})$	1536
40	$\mathcal{O}(0; \{40^3, 8, 4^3, 2\})$	6144
40	$\mathcal{O}(0; \{40^3, 8^3, 2^2\})$	12288
40	$\mathcal{O}(0; \{40^3, 20, 8, 5, 2^2\})$	26112
40	$\mathcal{O}(0; \{40^3, 20, 10^2, 8\})$	104960
40	$\mathcal{O}(0; \{40^4, 10, 4, 2^2\})$	26112
40	$\mathcal{O}(0; \{40^4, 10, 8^2\})$	208896
40	$\mathcal{O}(0; \{40^4, 20, 10, 5\})$	419328
40	$\mathcal{O}(0; \{40^4, 20^2, 4\})$	419840
40	$\mathcal{O}(0; \{40^5, 8, 5\})$	839680
42	$\mathcal{O}(2; \{3^2, 2^2\})$	6220800
42	$\mathcal{O}(2; \{6^2, 3\})$	6220800
42	$\mathcal{O}(1; \{3^2, 2^6\})$	3456
42	$\mathcal{O}(1; \{3^5, 2^2\})$	17280
42	$\mathcal{O}(1; \{6, 3^3, 2^3\})$	10368
42	$\mathcal{O}(1; \{6^2, 3, 2^4\})$	3456
42	$\mathcal{O}(1; \{6^2, 3^4\})$	38016
42	$\mathcal{O}(1; \{6^3, 3^2, 2\})$	17280
42	$\mathcal{O}(1; \{6^4, 2^2\})$	10368
42	$\mathcal{O}(1; \{21, 7^2, 3, 2^2\})$	105840
42	$\mathcal{O}(1; \{21, 7^2, 6^2\})$	105840
42	$\mathcal{O}(1; \{21, 14^2, 7, 3\})$	656208
42	$\mathcal{O}(1; \{21^2, 14, 2^3\})$	105840
42	$\mathcal{O}(1; \{21^2, 14, 6, 3\})$	317520
42	$\mathcal{O}(1; \{42, 7, 3^3, 2\})$	63504
42	$\mathcal{O}(1; \{42, 7, 6, 3, 2^2\})$	21168
42	$\mathcal{O}(1; \{42, 7, 6^3\})$	63504
42	$\mathcal{O}(1; \{42, 14^2, 6, 3\})$	105840
42	$\mathcal{O}(1; \{42, 21^3, 2\})$	1968624
42	$\mathcal{O}(1; \{42^2, 7^2, 3\})$	656208

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(1; \{42^2, 21, 14, 2\})$	656208
42	$\mathcal{O}(0; \{14, 7^3, 3^2, 2^3\})$	372
42	$\mathcal{O}(0; \{14, 7^3, 6, 3^3\})$	1116
42	$\mathcal{O}(0; \{14, 7^3, 6^2, 3, 2\})$	372
42	$\mathcal{O}(0; \{14^3, 7^2, 3^2, 2\})$	2220
42	$\mathcal{O}(0; \{21, 7^2, 3, 2^6\})$	60
42	$\mathcal{O}(0; \{21, 7^2, 3^4, 2^2\})$	300
42	$\mathcal{O}(0; \{21, 7^2, 6, 3^2, 2^3\})$	180
42	$\mathcal{O}(0; \{21, 7^2, 6^2, 2^4\})$	60
42	$\mathcal{O}(0; \{21, 7^2, 6^2, 3^3\})$	660
42	$\mathcal{O}(0; \{21, 7^2, 6^3, 3, 2\})$	300
42	$\mathcal{O}(0; \{21, 14^2, 7, 3, 2^4\})$	372
42	$\mathcal{O}(0; \{21, 14^2, 7, 3^4\})$	1860
42	$\mathcal{O}(0; \{21, 14^2, 7, 6, 3^2, 2\})$	1116
42	$\mathcal{O}(0; \{21, 14^2, 7, 6^2, 2^2\})$	372
42	$\mathcal{O}(0; \{21, 14^4, 3, 2^2\})$	2220
42	$\mathcal{O}(0; \{21, 14^4, 6^2\})$	2220
42	$\mathcal{O}(0; \{21^2, 7^4, 2^2\})$	13332
42	$\mathcal{O}(0; \{21^2, 14, 2^7\})$	60
42	$\mathcal{O}(0; \{21^2, 14, 3^3, 2^3\})$	300
42	$\mathcal{O}(0; \{21^2, 14, 6, 3, 2^4\})$	180
42	$\mathcal{O}(0; \{21^2, 14, 6, 3^4\})$	1260
42	$\mathcal{O}(0; \{21^2, 14, 6^2, 3^2, 2\})$	660
42	$\mathcal{O}(0; \{21^2, 14, 6^3, 2^2\})$	300
42	$\mathcal{O}(0; \{21^2, 14^2, 7^3\})$	79980
42	$\mathcal{O}(0; \{21^3, 14, 7^2, 6\})$	39996
42	$\mathcal{O}(0; \{21^4, 7, 3, 2^2\})$	11100
42	$\mathcal{O}(0; \{21^4, 7, 6^2\})$	24420
42	$\mathcal{O}(0; \{21^4, 14^2, 3\})$	66660
42	$\mathcal{O}(0; \{42, 7, 3^3, 2^5\})$	36
42	$\mathcal{O}(0; \{42, 7, 3^6, 2\})$	252
42	$\mathcal{O}(0; \{42, 7, 6, 3, 2^6\})$	12
42	$\mathcal{O}(0; \{42, 7, 6, 3^4, 2^2\})$	132
42	$\mathcal{O}(0; \{42, 7, 6^2, 3^2, 2^3\})$	60
42	$\mathcal{O}(0; \{42, 7, 6^3, 2^4\})$	36
42	$\mathcal{O}(0; \{42, 7, 6^3, 3^3\})$	252
42	$\mathcal{O}(0; \{42, 7, 6^4, 3, 2\})$	132
42	$\mathcal{O}(0; \{42, 14^2, 3^3, 2^3\})$	180
42	$\mathcal{O}(0; \{42, 14^2, 6, 3, 2^4\})$	60
42	$\mathcal{O}(0; \{42, 14^2, 6, 3^4\})$	660
42	$\mathcal{O}(0; \{42, 14^2, 6^2, 3^2, 2\})$	300
42	$\mathcal{O}(0; \{42, 14^2, 6^3, 2^2\})$	180
42	$\mathcal{O}(0; \{42, 21, 7^3, 3^2, 2\})$	6660

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(0; \{42, 21, 7^3, 6, 2^2\})$	2220
42	$\mathcal{O}(0; \{42, 21, 14^2, 7^2, 6\})$	13332
42	$\mathcal{O}(0; \{42, 21^2, 14, 7, 3, 2^2\})$	6660
42	$\mathcal{O}(0; \{42, 21^2, 14, 7, 6^2\})$	11100
42	$\mathcal{O}(0; \{42, 21^2, 14^3, 3\})$	39996
42	$\mathcal{O}(0; \{42, 21^3, 2^5\})$	1116
42	$\mathcal{O}(0; \{42, 21^3, 3^3, 2\})$	7812
42	$\mathcal{O}(0; \{42, 21^3, 6, 3, 2^2\})$	4092
42	$\mathcal{O}(0; \{42, 21^3, 6^3\})$	7812
42	$\mathcal{O}(0; \{42^2, 7^2, 3, 2^4\})$	372
42	$\mathcal{O}(0; \{42^2, 7^2, 3^4\})$	4092
42	$\mathcal{O}(0; \{42^2, 7^2, 6, 3^2, 2\})$	1860
42	$\mathcal{O}(0; \{42^2, 7^2, 6^2, 2^2\})$	1116
42	$\mathcal{O}(0; \{42^2, 14^2, 7, 3, 2^2\})$	2220
42	$\mathcal{O}(0; \{42^2, 14^2, 7, 6^2\})$	6660
42	$\mathcal{O}(0; \{42^2, 14^4, 3\})$	13332
42	$\mathcal{O}(0; \{42^2, 21, 7^4\})$	79980
42	$\mathcal{O}(0; \{42^2, 21, 14, 2^5\})$	372
42	$\mathcal{O}(0; \{42^2, 21, 14, 3^3, 2\})$	4092
42	$\mathcal{O}(0; \{42^2, 21, 14, 6, 3, 2^2\})$	1860
42	$\mathcal{O}(0; \{42^2, 21, 14, 6^3\})$	4092
42	$\mathcal{O}(0; \{42^2, 21^3, 7, 3\})$	146652
42	$\mathcal{O}(0; \{42^3, 7^3, 6\})$	39996
42	$\mathcal{O}(0; \{42^3, 21, 14, 7, 3\})$	66660
42	$\mathcal{O}(0; \{42^3, 21^2, 2^3\})$	11100
42	$\mathcal{O}(0; \{42^3, 21^2, 6, 3\})$	46620
42	$\mathcal{O}(0; \{42^4, 14, 2^3\})$	6660
42	$\mathcal{O}(0; \{42^4, 14, 6, 3\})$	24420
42	$\mathcal{O}(0; \{42^5, 21, 2\})$	146652
44	$\mathcal{O}(1; \{44, 11, 4, 2^3\})$	38720
44	$\mathcal{O}(1; \{44, 11, 4^3\})$	154880
44	$\mathcal{O}(1; \{44, 22^2, 4, 2\})$	348480
44	$\mathcal{O}(0; \{11^4, 4^2, 2^2\})$	1820
44	$\mathcal{O}(0; \{22^2, 11^3, 4^2\})$	18180
44	$\mathcal{O}(0; \{44, 11, 4, 2^7\})$	20
44	$\mathcal{O}(0; \{44, 11, 4^3, 2^4\})$	80
44	$\mathcal{O}(0; \{44, 11, 4^5, 2\})$	320
44	$\mathcal{O}(0; \{44, 22^2, 4, 2^5\})$	180
44	$\mathcal{O}(0; \{44, 22^2, 4^3, 2^2\})$	720
44	$\mathcal{O}(0; \{44^2, 22, 11^3, 2\})$	181820
44	$\mathcal{O}(0; \{44^3, 22, 4, 2^3\})$	7280
44	$\mathcal{O}(0; \{44^3, 22, 4^3\})$	29120
44	$\mathcal{O}(0; \{44^5, 4, 2\})$	290880

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
45	$\mathcal{O}(1; \{9^2, 5^2, 3\})$	97200
45	$\mathcal{O}(0; \{9^2, 5^2, 3^4\})$	384
45	$\mathcal{O}(0; \{9^5, 5^2\})$	3240
45	$\mathcal{O}(0; \{15^2, 9^2, 5^3\})$	4896
45	$\mathcal{O}(0; \{15^3, 9^2, 5, 3\})$	4992
45	$\mathcal{O}(0; \{45, 9^3, 5^3\})$	8424
45	$\mathcal{O}(0; \{45, 15, 9^3, 5, 3\})$	7776
45	$\mathcal{O}(0; \{45^2, 9, 5^4\})$	14760
45	$\mathcal{O}(0; \{45^2, 15, 9, 5^2, 3\})$	14688
45	$\mathcal{O}(0; \{45^2, 15^2, 9, 3^2\})$	14976
45	$\mathcal{O}(0; \{45^3, 9^2, 3^2\})$	38880
45	$\mathcal{O}(0; \{45^4, 5, 3^2\})$	132192
46	$\mathcal{O}(2; \{46^2\})$	98504032
46	$\mathcal{O}(1; \{46^2, 2^4\})$	46552
46	$\mathcal{O}(0; \{46^2, 2^8\})$	22
47	$\mathcal{O}(0; \{47^6\})$	201580786
48	$\mathcal{O}(1; \{24^2, 16^2\})$	589824
48	$\mathcal{O}(1; \{48, 24, 16, 12\})$	294912
48	$\mathcal{O}(1; \{48^2, 3^2, 2\})$	110592
48	$\mathcal{O}(1; \{48^2, 6, 2^2\})$	36864
48	$\mathcal{O}(1; \{48^2, 12^2\})$	442368
48	$\mathcal{O}(1; \{48^2, 24, 8\})$	589824
48	$\mathcal{O}(0; \{16^2, 4, 3^4, 2\})$	96
48	$\mathcal{O}(0; \{16^2, 6, 4, 3^2, 2^2\})$	32
48	$\mathcal{O}(0; \{16^2, 6^2, 4, 2^3\})$	32
48	$\mathcal{O}(0; \{16^2, 6^2, 4^3\})$	128
48	$\mathcal{O}(0; \{16^2, 6^3, 4, 3\})$	96
48	$\mathcal{O}(0; \{16^2, 8^2, 6, 3^2\})$	256
48	$\mathcal{O}(0; \{16^2, 8^2, 6^2, 2\})$	256
48	$\mathcal{O}(0; \{16^2, 12, 3^3, 2^2\})$	96
48	$\mathcal{O}(0; \{16^2, 12, 6, 3, 2^3\})$	32
48	$\mathcal{O}(0; \{16^2, 12, 6, 4^2, 3\})$	128
48	$\mathcal{O}(0; \{16^2, 12, 6^2, 3^2\})$	160
48	$\mathcal{O}(0; \{16^2, 12, 6^3, 2\})$	96
48	$\mathcal{O}(0; \{16^2, 12^2, 4, 3^2\})$	384
48	$\mathcal{O}(0; \{16^2, 12^2, 6, 4, 2\})$	128
48	$\mathcal{O}(0; \{16^2, 12^3, 3, 2\})$	384
48	$\mathcal{O}(0; \{24, 16^2, 8, 4, 3^2\})$	512
48	$\mathcal{O}(0; \{24, 16^2, 8, 6, 4, 2\})$	512
48	$\mathcal{O}(0; \{24, 16^2, 12, 8, 3, 2\})$	512
48	$\mathcal{O}(0; \{24^2, 16^2, 2^4\})$	256
48	$\mathcal{O}(0; \{24^2, 16^2, 3^3\})$	1280
48	$\mathcal{O}(0; \{24^2, 16^2, 4^2, 2\})$	1024

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{24^2, 16^2, 6, 3, 2\})$	768
48	$\mathcal{O}(0; \{48, 16, 8, 3^3, 2^2\})$	192
48	$\mathcal{O}(0; \{48, 16, 8, 6, 3, 2^3\})$	64
48	$\mathcal{O}(0; \{48, 16, 8, 6, 4^2, 3\})$	256
48	$\mathcal{O}(0; \{48, 16, 8, 6^2, 3^2\})$	320
48	$\mathcal{O}(0; \{48, 16, 8, 6^3, 2\})$	192
48	$\mathcal{O}(0; \{48, 16, 12, 8, 4, 3^2\})$	768
48	$\mathcal{O}(0; \{48, 16, 12, 8, 6, 4, 2\})$	256
48	$\mathcal{O}(0; \{48, 16, 12^2, 8, 3, 2\})$	768
48	$\mathcal{O}(0; \{48, 16^3, 3^3\})$	3072
48	$\mathcal{O}(0; \{48, 16^3, 6, 3, 2\})$	1024
48	$\mathcal{O}(0; \{48, 24, 16, 4, 3, 2^3\})$	128
48	$\mathcal{O}(0; \{48, 24, 16, 4^3, 3\})$	512
48	$\mathcal{O}(0; \{48, 24, 16, 6, 4, 3^2\})$	640
48	$\mathcal{O}(0; \{48, 24, 16, 6^2, 4, 2\})$	384
48	$\mathcal{O}(0; \{48, 24, 16, 8^2, 3, 2\})$	1024
48	$\mathcal{O}(0; \{48, 24, 16, 12, 2^4\})$	128
48	$\mathcal{O}(0; \{48, 24, 16, 12, 3^3\})$	1408
48	$\mathcal{O}(0; \{48, 24, 16, 12, 4^2, 2\})$	512
48	$\mathcal{O}(0; \{48, 24, 16, 12, 6, 3, 2\})$	640
48	$\mathcal{O}(0; \{48, 24^3, 16, 2^2\})$	3072
48	$\mathcal{O}(0; \{48^2, 3^2, 2^5\})$	48
48	$\mathcal{O}(0; \{48^2, 3^5, 2\})$	336
48	$\mathcal{O}(0; \{48^2, 4^2, 3^2, 2^2\})$	192
48	$\mathcal{O}(0; \{48^2, 6, 2^6\})$	16
48	$\mathcal{O}(0; \{48^2, 6, 3^3, 2^2\})$	176
48	$\mathcal{O}(0; \{48^2, 6, 4^2, 2^3\})$	64
48	$\mathcal{O}(0; \{48^2, 6, 4^4\})$	256
48	$\mathcal{O}(0; \{48^2, 6^2, 3, 2^3\})$	80
48	$\mathcal{O}(0; \{48^2, 6^2, 4^2, 3\})$	320
48	$\mathcal{O}(0; \{48^2, 6^3, 3^2\})$	336
48	$\mathcal{O}(0; \{48^2, 6^4, 2\})$	176
48	$\mathcal{O}(0; \{48^2, 8^2, 4, 3^2\})$	1536
48	$\mathcal{O}(0; \{48^2, 8^2, 6, 4, 2\})$	512
48	$\mathcal{O}(0; \{48^2, 12, 4, 3, 2^3\})$	192
48	$\mathcal{O}(0; \{48^2, 12, 4^3, 3\})$	768
48	$\mathcal{O}(0; \{48^2, 12, 6, 4, 3^2\})$	704
48	$\mathcal{O}(0; \{48^2, 12, 6^2, 4, 2\})$	320
48	$\mathcal{O}(0; \{48^2, 12, 8^2, 3, 2\})$	1536
48	$\mathcal{O}(0; \{48^2, 12^2, 2^4\})$	192
48	$\mathcal{O}(0; \{48^2, 12^2, 3^3\})$	1344
48	$\mathcal{O}(0; \{48^2, 12^2, 4^2, 2\})$	768
48	$\mathcal{O}(0; \{48^2, 12^2, 6, 3, 2\})$	704

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{48^2, 24, 8, 2^4\})$	256
48	$\mathcal{O}(0; \{48^2, 24, 8, 3^3\})$	2816
48	$\mathcal{O}(0; \{48^2, 24, 8, 4^2, 2\})$	1024
48	$\mathcal{O}(0; \{48^2, 24, 8, 6, 3, 2\})$	1280
48	$\mathcal{O}(0; \{48^2, 24, 16^2, 2^2\})$	4096
48	$\mathcal{O}(0; \{48^2, 24^2, 4, 3, 2\})$	2560
48	$\mathcal{O}(0; \{48^2, 24^2, 12, 2^2\})$	2560
48	$\mathcal{O}(0; \{48^2, 24^4\})$	45056
48	$\mathcal{O}(0; \{48^3, 16, 4, 3, 2\})$	6144
48	$\mathcal{O}(0; \{48^3, 16, 12, 2^2\})$	6144
48	$\mathcal{O}(0; \{48^3, 24^2, 16\})$	81920
48	$\mathcal{O}(0; \{48^4, 8, 2^2\})$	12288
48	$\mathcal{O}(0; \{48^4, 16^2\})$	196608
48	$\mathcal{O}(0; \{48^4, 24, 12\})$	90112
49	$\mathcal{O}(2; \{7^2\})$	34574400
50	$\mathcal{O}(1; \{50, 25, 10, 5\})$	800000
50	$\mathcal{O}(0; \{25^4, 5, 2^2\})$	26000
50	$\mathcal{O}(0; \{25^4, 10^2\})$	104000
50	$\mathcal{O}(0; \{50, 25, 5^4, 2\})$	5120
50	$\mathcal{O}(0; \{50, 25, 10, 5, 2^4\})$	320
50	$\mathcal{O}(0; \{50, 25, 10^3, 2^2\})$	1280
50	$\mathcal{O}(0; \{50^2, 25^3, 5\})$	510000
50	$\mathcal{O}(0; \{50^3, 10, 5, 2^2\})$	4800
50	$\mathcal{O}(0; \{50^3, 10^3\})$	19200
51	$\mathcal{O}(1; \{51^2, 17, 3\})$	1248480
51	$\mathcal{O}(0; \{51^2, 17, 3^4\})$	5280
51	$\mathcal{O}(0; \{51^5, 3\})$	1356960
52	$\mathcal{O}(2; \{4^2\})$	14622720
52	$\mathcal{O}(1; \{4^2, 2^4\})$	5376
52	$\mathcal{O}(1; \{4^4, 2\})$	21504
52	$\mathcal{O}(0; \{52, 13^3, 4, 2^2\})$	3192
52	$\mathcal{O}(0; \{52, 26^2, 13^2, 4\})$	38280
54	$\mathcal{O}(1; \{27^2, 18, 2\})$	314928
54	$\mathcal{O}(0; \{27^2, 9^2, 3, 2^2\})$	1296
54	$\mathcal{O}(0; \{27^2, 9^2, 6^2\})$	2592
54	$\mathcal{O}(0; \{27^2, 18, 2^5\})$	108
54	$\mathcal{O}(0; \{27^2, 18, 3^3, 2\})$	864
54	$\mathcal{O}(0; \{27^2, 18, 6, 3, 2^2\})$	432
54	$\mathcal{O}(0; \{27^2, 18, 6^3\})$	864
54	$\mathcal{O}(0; \{27^2, 18^2, 9, 3\})$	7776
54	$\mathcal{O}(0; \{54, 27^3, 2^3\})$	4374
54	$\mathcal{O}(0; \{54, 27^3, 6, 3\})$	17496
54	$\mathcal{O}(0; \{54^2, 27, 9^2, 3\})$	11664

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
54	$\mathcal{O}(0; \{54^2, 27, 18, 2^3\})$	972
54	$\mathcal{O}(0; \{54^2, 27, 18, 6, 3\})$	3888
54	$\mathcal{O}(0; \{54^3, 27^2, 2\})$	65610
54	$\mathcal{O}(0; \{54^4, 18, 2\})$	26244
55	$\mathcal{O}(0; \{55, 11^3, 5^2\})$	10920
56	$\mathcal{O}(1; \{8^2, 2^3\})$	12288
56	$\mathcal{O}(1; \{8^2, 4^2\})$	49152
56	$\mathcal{O}(0; \{14, 8^2, 7^3\})$	744
56	$\mathcal{O}(0; \{28, 14, 8^2, 7, 4\})$	480
56	$\mathcal{O}(0; \{56, 14, 8, 7^2, 4\})$	1488
56	$\mathcal{O}(0; \{56, 28, 14, 8, 2^3\})$	240
56	$\mathcal{O}(0; \{56, 28, 14, 8, 4^2\})$	960
56	$\mathcal{O}(0; \{56, 28^3, 8, 2\})$	5952
56	$\mathcal{O}(0; \{56^2, 14, 7, 2^3\})$	744
56	$\mathcal{O}(0; \{56^2, 14, 7, 4^2\})$	2976
56	$\mathcal{O}(0; \{56^2, 14^3, 2\})$	4440
56	$\mathcal{O}(0; \{56^2, 28^2, 7, 2\})$	17760
56	$\mathcal{O}(0; \{56^3, 14, 8, 2\})$	11904
57	$\mathcal{O}(0; \{57^2, 19^2, 3^2\})$	33156
60	$\mathcal{O}(0; \{10, 5, 4^2, 3^2, 2\})$	16
60	$\mathcal{O}(0; \{12, 10, 5, 4, 3, 2^2\})$	16
60	$\mathcal{O}(0; \{12, 10, 6^2, 5, 4\})$	16
60	$\mathcal{O}(0; \{12, 10^3, 4, 3\})$	48
60	$\mathcal{O}(0; \{12^2, 5^4\})$	208
60	$\mathcal{O}(0; \{12^2, 10, 5, 2^3\})$	16
60	$\mathcal{O}(0; \{12^2, 10, 5, 4^2\})$	64
60	$\mathcal{O}(0; \{12^2, 10, 6, 5, 3\})$	48
60	$\mathcal{O}(0; \{12^2, 10^3, 2\})$	48
60	$\mathcal{O}(0; \{15, 12, 6, 5^2, 4\})$	48
60	$\mathcal{O}(0; \{15, 12^2, 5^2, 3\})$	144
60	$\mathcal{O}(0; \{15^2, 4^2, 3, 2^2\})$	16
60	$\mathcal{O}(0; \{15^2, 6^2, 4^2\})$	48
60	$\mathcal{O}(0; \{15^2, 12, 4, 2^3\})$	16
60	$\mathcal{O}(0; \{15^2, 12, 4^3\})$	64
60	$\mathcal{O}(0; \{15^2, 12, 6, 4, 3\})$	80
60	$\mathcal{O}(0; \{15^2, 12^2, 3^2\})$	176
60	$\mathcal{O}(0; \{15^2, 12^2, 6, 2\})$	80
60	$\mathcal{O}(0; \{20, 12, 10, 5^2, 3\})$	208
60	$\mathcal{O}(0; \{20, 15, 10, 6, 4, 3\})$	48
60	$\mathcal{O}(0; \{20, 15, 12, 10, 3^2\})$	144
60	$\mathcal{O}(0; \{20, 15, 12, 10, 6, 2\})$	48
60	$\mathcal{O}(0; \{20, 15^2, 5, 4, 3\})$	208
60	$\mathcal{O}(0; \{20, 15^2, 12, 5, 2\})$	208

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{20^2, 5, 3^2, 2^2\})$	48
60	$\mathcal{O}(0; \{20^2, 6^2, 5, 3\})$	48
60	$\mathcal{O}(0; \{20^2, 10^2, 3^2\})$	208
60	$\mathcal{O}(0; \{20^2, 12, 5, 4, 3\})$	192
60	$\mathcal{O}(0; \{20^2, 12^2, 5, 2\})$	192
60	$\mathcal{O}(0; \{30, 10, 4^2, 3, 2^2\})$	16
60	$\mathcal{O}(0; \{30, 10, 6^2, 4^2\})$	16
60	$\mathcal{O}(0; \{30, 12, 5^3, 4\})$	208
60	$\mathcal{O}(0; \{30, 12, 10, 4, 2^3\})$	16
60	$\mathcal{O}(0; \{30, 12, 10, 4^3\})$	64
60	$\mathcal{O}(0; \{30, 12, 10, 6, 4, 3\})$	48
60	$\mathcal{O}(0; \{30, 12^2, 10, 3^2\})$	80
60	$\mathcal{O}(0; \{30, 12^2, 10, 6, 2\})$	48
60	$\mathcal{O}(0; \{30, 15, 6, 5, 4^2\})$	48
60	$\mathcal{O}(0; \{30, 15, 12, 5, 4, 3\})$	144
60	$\mathcal{O}(0; \{30, 15, 12^2, 5, 2\})$	144
60	$\mathcal{O}(0; \{30, 20, 10, 5, 4, 3\})$	208
60	$\mathcal{O}(0; \{30, 20, 12, 10, 5, 2\})$	208
60	$\mathcal{O}(0; \{30, 20, 15^2, 4, 2\})$	208
60	$\mathcal{O}(0; \{30, 20^2, 3, 2^3\})$	48
60	$\mathcal{O}(0; \{30, 20^2, 4^2, 3\})$	192
60	$\mathcal{O}(0; \{30, 20^2, 6, 3^2\})$	144
60	$\mathcal{O}(0; \{30, 20^2, 6^2, 2\})$	48
60	$\mathcal{O}(0; \{30, 20^2, 12, 4, 2\})$	192
60	$\mathcal{O}(0; \{30^2, 5^2, 4^2\})$	208
60	$\mathcal{O}(0; \{30^2, 15, 4^2, 3\})$	144
60	$\mathcal{O}(0; \{30^2, 15, 12, 4, 2\})$	144
60	$\mathcal{O}(0; \{30^2, 20, 10, 4, 2\})$	208
60	$\mathcal{O}(0; \{60, 5, 4, 3^3, 2\})$	48
60	$\mathcal{O}(0; \{60, 6, 5, 4, 3, 2^2\})$	16
60	$\mathcal{O}(0; \{60, 6^3, 5, 4\})$	48
60	$\mathcal{O}(0; \{60, 10^2, 6, 4, 3\})$	48
60	$\mathcal{O}(0; \{60, 12, 5, 3^2, 2^2\})$	48
60	$\mathcal{O}(0; \{60, 12, 6, 5, 2^3\})$	16
60	$\mathcal{O}(0; \{60, 12, 6, 5, 4^2\})$	64
60	$\mathcal{O}(0; \{60, 12, 6^2, 5, 3\})$	80
60	$\mathcal{O}(0; \{60, 12, 10^2, 3^2\})$	144
60	$\mathcal{O}(0; \{60, 12, 10^2, 6, 2\})$	48
60	$\mathcal{O}(0; \{60, 12^2, 5, 4, 3\})$	192
60	$\mathcal{O}(0; \{60, 12^3, 5, 2\})$	192
60	$\mathcal{O}(0; \{60, 15, 10, 5, 4, 3\})$	208
60	$\mathcal{O}(0; \{60, 15, 12, 10, 5, 2\})$	208
60	$\mathcal{O}(0; \{60, 15^3, 4, 2\})$	624

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{60, 20, 6, 5^2, 3\})$	208
60	$\mathcal{O}(0; \{60, 20, 15, 3, 2^3\})$	48
60	$\mathcal{O}(0; \{60, 20, 15, 4^2, 3\})$	192
60	$\mathcal{O}(0; \{60, 20, 15, 6, 3^2\})$	240
60	$\mathcal{O}(0; \{60, 20, 15, 6^2, 2\})$	144
60	$\mathcal{O}(0; \{60, 20, 15, 12, 4, 2\})$	192
60	$\mathcal{O}(0; \{60, 30, 4, 3^2, 2^2\})$	48
60	$\mathcal{O}(0; \{60, 30, 6, 4, 2^3\})$	16
60	$\mathcal{O}(0; \{60, 30, 6, 4^3\})$	64
60	$\mathcal{O}(0; \{60, 30, 6^2, 4, 3\})$	80
60	$\mathcal{O}(0; \{60, 30, 12, 3, 2^3\})$	48
60	$\mathcal{O}(0; \{60, 30, 12, 4^2, 3\})$	192
60	$\mathcal{O}(0; \{60, 30, 12, 6, 3^2\})$	176
60	$\mathcal{O}(0; \{60, 30, 12, 6^2, 2\})$	80
60	$\mathcal{O}(0; \{60, 30, 12^2, 4, 2\})$	192
60	$\mathcal{O}(0; \{60, 30, 15, 10, 4, 2\})$	208
60	$\mathcal{O}(0; \{60, 30, 20, 5, 3^2\})$	624
60	$\mathcal{O}(0; \{60, 30, 20, 6, 5, 2\})$	208
60	$\mathcal{O}(0; \{60, 30^2, 20, 3, 2\})$	624
60	$\mathcal{O}(0; \{60^2, 5^3, 3\})$	816
60	$\mathcal{O}(0; \{60^2, 10, 3, 2^3\})$	48
60	$\mathcal{O}(0; \{60^2, 10, 4^2, 3\})$	192
60	$\mathcal{O}(0; \{60^2, 10, 6, 3^2\})$	240
60	$\mathcal{O}(0; \{60^2, 10, 6^2, 2\})$	144
60	$\mathcal{O}(0; \{60^2, 12, 10, 4, 2\})$	192
60	$\mathcal{O}(0; \{60^2, 15, 5, 3^2\})$	1040
60	$\mathcal{O}(0; \{60^2, 15, 6, 5, 2\})$	624
60	$\mathcal{O}(0; \{60^2, 20^2, 3, 2\})$	832
60	$\mathcal{O}(0; \{60^2, 30, 5^2, 2\})$	816
60	$\mathcal{O}(0; \{60^2, 30, 15, 3, 2\})$	1040
60	$\mathcal{O}(0; \{60^3, 4, 3^2\})$	960
60	$\mathcal{O}(0; \{60^3, 6, 4, 2\})$	576
60	$\mathcal{O}(0; \{60^3, 12, 3, 2\})$	960
62	$\mathcal{O}(1; \{31^2, 2^2\})$	115320
62	$\mathcal{O}(1; \{62^2, 31\})$	3344280
62	$\mathcal{O}(0; \{31^2, 2^6\})$	30
62	$\mathcal{O}(0; \{62^2, 31, 2^4\})$	870
62	$\mathcal{O}(0; \{62^4, 2^2\})$	26130
63	$\mathcal{O}(0; \{63^4, 21\})$	359640
64	$\mathcal{O}(1; \{64^2, 8\})$	524288
64	$\mathcal{O}(0; \{64^2, 8, 2^4\})$	128
64	$\mathcal{O}(0; \{64^2, 8, 4^2, 2\})$	512
64	$\mathcal{O}(0; \{64^2, 16^2, 2^2\})$	2048

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
64	$\mathcal{O}(0; \{64^2, 32^2, 16\})$	65536
65	$\mathcal{O}(0; \{65^3, 13^2\})$	229680
66	$\mathcal{O}(1; \{33, 22, 6\})$	87120
66	$\mathcal{O}(0; \{33, 22, 3^2, 2^3\})$	20
66	$\mathcal{O}(0; \{33, 22, 6, 2^4\})$	20
66	$\mathcal{O}(0; \{33, 22, 6, 3^3\})$	100
66	$\mathcal{O}(0; \{33, 22, 6^2, 3, 2\})$	60
66	$\mathcal{O}(0; \{33^2, 11^2, 2^2\})$	1820
66	$\mathcal{O}(0; \{33^2, 22^2, 11\})$	18180
66	$\mathcal{O}(0; \{66, 33^2, 3^2, 2\})$	900
66	$\mathcal{O}(0; \{66, 33^2, 6, 2^2\})$	540
66	$\mathcal{O}(0; \{66^2, 22, 3^2, 2\})$	540
66	$\mathcal{O}(0; \{66^2, 22, 6, 2^2\})$	180
66	$\mathcal{O}(0; \{66^2, 33, 11^2\})$	18180
66	$\mathcal{O}(0; \{66^3, 33, 6\})$	9100
68	$\mathcal{O}(1; \{68, 17, 4\})$	147968
68	$\mathcal{O}(0; \{68, 17, 4, 2^4\})$	32
68	$\mathcal{O}(0; \{68, 17, 4^3, 2\})$	128
68	$\mathcal{O}(0; \{68, 34^2, 4, 2^2\})$	480
68	$\mathcal{O}(0; \{68^3, 34, 4\})$	30848
69	$\mathcal{O}(1; \{69^2, 3\})$	209484
69	$\mathcal{O}(0; \{69^2, 3^4\})$	484
70	$\mathcal{O}(1; \{5^2, 2^2\})$	19200
70	$\mathcal{O}(1; \{10^2, 5\})$	57600
70	$\mathcal{O}(0; \{35, 14, 10, 5, 2^2\})$	72
70	$\mathcal{O}(0; \{35, 14, 10^3\})$	312
70	$\mathcal{O}(0; \{35^2, 7, 5, 2^2\})$	360
70	$\mathcal{O}(0; \{35^2, 10^2, 7\})$	1560
70	$\mathcal{O}(0; \{35^2, 14^2, 5\})$	2232
70	$\mathcal{O}(0; \{70, 10, 7^2, 2^2\})$	120
70	$\mathcal{O}(0; \{70, 14^2, 10, 7\})$	744
70	$\mathcal{O}(0; \{70, 35, 14, 7^2\})$	4440
70	$\mathcal{O}(0; \{70^2, 14, 10, 5\})$	1560
70	$\mathcal{O}(0; \{70^2, 35, 7, 5\})$	9672
72	$\mathcal{O}(0; \{9^2, 8^2, 2^2\})$	24
72	$\mathcal{O}(0; \{18^2, 9, 8^2\})$	72
72	$\mathcal{O}(0; \{24, 12, 9^2, 8\})$	192
72	$\mathcal{O}(0; \{24^2, 9^2, 6\})$	192
72	$\mathcal{O}(0; \{36, 12, 9, 8^2\})$	192
72	$\mathcal{O}(0; \{36, 24, 9, 8, 6\})$	192
72	$\mathcal{O}(0; \{36, 24^2, 9, 4\})$	384
72	$\mathcal{O}(0; \{36^2, 8^2, 6\})$	192
72	$\mathcal{O}(0; \{36^2, 24, 8, 4\})$	384

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Table 2 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
72	$\mathcal{O}(0; \{36^2, 24^2, 3\})$	768
72	$\mathcal{O}(0; \{72, 9^3, 8\})$	648
72	$\mathcal{O}(0; \{72, 18, 9, 8, 6\})$	144
72	$\mathcal{O}(0; \{72, 24, 18, 9, 4\})$	288
72	$\mathcal{O}(0; \{72, 36, 18, 8, 4\})$	288
72	$\mathcal{O}(0; \{72, 36, 24, 18, 3\})$	576
72	$\mathcal{O}(0; \{72^2, 9, 3, 2^2\})$	144
72	$\mathcal{O}(0; \{72^2, 9, 6^2\})$	288
72	$\mathcal{O}(0; \{72^2, 12, 9, 4\})$	576
72	$\mathcal{O}(0; \{72^2, 18^2, 3\})$	1296
72	$\mathcal{O}(0; \{72^2, 36, 6, 4\})$	576
72	$\mathcal{O}(0; \{72^2, 36, 12, 3\})$	1152
74	$\mathcal{O}(1; \{74, 37, 2\})$	197136
74	$\mathcal{O}(0; \{74, 37, 2^5\})$	36
74	$\mathcal{O}(0; \{74^3, 2^3\})$	1260
75	$\mathcal{O}(0; \{75^3, 5, 3\})$	7200
76	$\mathcal{O}(0; \{19^2, 4^2, 2^2\})$	36
76	$\mathcal{O}(0; \{38^2, 19, 4^2\})$	612
76	$\mathcal{O}(0; \{76^2, 38, 19, 2\})$	11052
78	$\mathcal{O}(1; \{3^2, 2^2\})$	12096
78	$\mathcal{O}(1; \{6^2, 3\})$	12096
78	$\mathcal{O}(0; \{39^2, 26, 13, 2\})$	3192
78	$\mathcal{O}(0; \{78, 13^2, 6, 3\})$	264
80	$\mathcal{O}(0; \{16^2, 5^3\})$	96
80	$\mathcal{O}(0; \{20^2, 16^2, 2\})$	128
80	$\mathcal{O}(0; \{80, 16, 5^2, 4\})$	192
80	$\mathcal{O}(0; \{80, 20, 16, 10, 2\})$	192
80	$\mathcal{O}(0; \{80, 40, 16, 8, 2\})$	512
80	$\mathcal{O}(0; \{80^2, 5, 2^3\})$	96
80	$\mathcal{O}(0; \{80^2, 5, 4^2\})$	384
80	$\mathcal{O}(0; \{80^2, 10^2, 2\})$	416
84	$\mathcal{O}(0; \{28, 21, 6, 4, 3\})$	24
84	$\mathcal{O}(0; \{28, 21, 12, 3^2\})$	72
84	$\mathcal{O}(0; \{28, 21, 12, 6, 2\})$	24
84	$\mathcal{O}(0; \{42, 7, 6, 4^2\})$	24
84	$\mathcal{O}(0; \{42, 12, 7, 4, 3\})$	24
84	$\mathcal{O}(0; \{42, 12^2, 7, 2\})$	24
84	$\mathcal{O}(0; \{42^2, 28, 4, 2\})$	120
84	$\mathcal{O}(0; \{84, 14, 6, 4, 3\})$	24
84	$\mathcal{O}(0; \{84, 14, 12, 3^2\})$	72
84	$\mathcal{O}(0; \{84, 14, 12, 6, 2\})$	24
84	$\mathcal{O}(0; \{84, 42, 21, 4, 2\})$	120
84	$\mathcal{O}(0; \{84^2, 7, 3^2\})$	360

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
84	$\mathcal{O}(0; \{84^2, 7, 6, 2\})$	120
88	$\mathcal{O}(0; \{11^2, 8^2, 2\})$	40
88	$\mathcal{O}(0; \{88, 22, 8, 4, 2\})$	80
90	$\mathcal{O}(0; \{45, 18, 5^2, 2\})$	72
90	$\mathcal{O}(0; \{45, 18, 15, 3, 2\})$	96
90	$\mathcal{O}(0; \{45^2, 10, 3, 2\})$	144
90	$\mathcal{O}(0; \{90, 45, 9, 3, 2\})$	144
91	$\mathcal{O}(2; \emptyset)$	68544000
92	$\mathcal{O}(1; \{92^2\})$	372416
92	$\mathcal{O}(0; \{92^2, 2^4\})$	44
92	$\mathcal{O}(0; \{92^2, 4^2, 2\})$	176
93	$\mathcal{O}(0; \{93, 31, 3^3\})$	180
93	$\mathcal{O}(0; \{93^4\})$	156780
94	$\mathcal{O}(0; \{47^3, 2^2\})$	2070
94	$\mathcal{O}(0; \{94^2, 47^2\})$	95266
95	$\mathcal{O}(0; \{95^3, 19\})$	66312
96	$\mathcal{O}(0; \{48^2, 32^2\})$	2048
96	$\mathcal{O}(0; \{96, 48, 32, 24\})$	1024
96	$\mathcal{O}(0; \{96^2, 4, 3, 2\})$	64
96	$\mathcal{O}(0; \{96^2, 12, 2^2\})$	64
96	$\mathcal{O}(0; \{96^2, 24^2\})$	1536
96	$\mathcal{O}(0; \{96^2, 48, 16\})$	2048
98	$\mathcal{O}(1; \{14^2\})$	56448
99	$\mathcal{O}(0; \{99^2, 33, 9\})$	3240
100	$\mathcal{O}(0; \{25^2, 20^2\})$	640
100	$\mathcal{O}(0; \{100, 50, 20, 10\})$	640
102	$\mathcal{O}(0; \{51, 34, 3^2, 2\})$	32
102	$\mathcal{O}(0; \{51, 34, 6, 2^2\})$	32
102	$\mathcal{O}(0; \{102, 51^2, 6\})$	1440
102	$\mathcal{O}(0; \{102^2, 34, 6\})$	480
104	$\mathcal{O}(1; \{8^2\})$	43008
104	$\mathcal{O}(0; \{104, 26, 13, 8\})$	528
105	$\mathcal{O}(0; \{105, 21, 15, 7\})$	240
105	$\mathcal{O}(0; \{105^2, 21, 5\})$	720
108	$\mathcal{O}(0; \{54^2, 36, 4\})$	216
108	$\mathcal{O}(0; \{108, 54, 27, 4\})$	324
110	$\mathcal{O}(0; \{110, 22, 11, 5\})$	360
111	$\mathcal{O}(0; \{111^3, 3\})$	7560
114	$\mathcal{O}(0; \{57, 19, 3, 2^2\})$	36
114	$\mathcal{O}(0; \{57, 19, 6^2\})$	36
114	$\mathcal{O}(0; \{57, 38^2, 3\})$	612
114	$\mathcal{O}(0; \{114^2, 19, 3\})$	612
115	$\mathcal{O}(0; \{115^2, 5^2\})$	1144

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
120	$\mathcal{O}(0; \{24^2, 5^2\})$	32
120	$\mathcal{O}(0; \{120, 24, 10, 3\})$	32
120	$\mathcal{O}(0; \{120, 60, 8, 3\})$	64
124	$\mathcal{O}(0; \{62^2, 4^2\})$	60
124	$\mathcal{O}(0; \{124^2, 62, 2\})$	1740
126	$\mathcal{O}(0; \{63^2, 42, 2\})$	360
128	$\mathcal{O}(0; \{128^2, 16, 2\})$	512
130	$\mathcal{O}(0; \{130, 65, 13, 2\})$	528
132	$\mathcal{O}(0; \{66, 44, 4, 3\})$	40
132	$\mathcal{O}(0; \{66, 44, 12, 2\})$	40
132	$\mathcal{O}(0; \{132, 33, 4, 3\})$	40
132	$\mathcal{O}(0; \{132, 33, 12, 2\})$	40
136	$\mathcal{O}(0; \{136, 34, 8, 2\})$	64
138	$\mathcal{O}(0; \{138^2, 3^2\})$	132
138	$\mathcal{O}(0; \{138^2, 6, 2\})$	44
140	$\mathcal{O}(0; \{140, 20, 7, 2\})$	48
141	$\mathcal{O}(0; \{47^2, 3^2\})$	92
148	$\mathcal{O}(0; \{148, 74, 4, 2\})$	72
182	$\mathcal{O}(1; \{2^2\})$	32256
184	$\mathcal{O}(0; \{184^2, 2^2\})$	88
185	$\mathcal{O}(0; \{185^3\})$	15120
186	$\mathcal{O}(0; \{93^2, 2^2\})$	60
186	$\mathcal{O}(0; \{186^2, 93\})$	1740
188	$\mathcal{O}(0; \{188^2, 47\})$	4140
190	$\mathcal{O}(0; \{190, 95, 38\})$	1224
192	$\mathcal{O}(0; \{192^2, 24\})$	256
198	$\mathcal{O}(0; \{99, 66, 18\})$	120
204	$\mathcal{O}(0; \{102, 68, 12\})$	64
204	$\mathcal{O}(0; \{204, 51, 12\})$	64
207	$\mathcal{O}(0; \{207^2, 9\})$	396
210	$\mathcal{O}(0; \{105, 42, 10\})$	48
222	$\mathcal{O}(0; \{222, 111, 6\})$	72
230	$\mathcal{O}(0; \{230^2, 5\})$	264
235	$\mathcal{O}(0; \{235, 47, 5\})$	184
276	$\mathcal{O}(0; \{276^2, 3\})$	88
368	$\mathcal{O}(0; \{368^2, 2\})$	176
370	$\mathcal{O}(0; \{370, 185, 2\})$	144

Table 3: 93-admissible orbifolds.

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
1	$\mathcal{O}(93; \emptyset)$	1
2	$\mathcal{O}(47; \emptyset)$	19807040628566084398385987583
2	$\mathcal{O}(46; \{2^4\})$	4951760157141521099596496896
2	$\mathcal{O}(45; \{2^8\})$	1237940039285380274899124224
2	$\mathcal{O}(44; \{2^{12}\})$	309485009821345068724781056
2	$\mathcal{O}(43; \{2^{16}\})$	77371252455336267181195264
2	$\mathcal{O}(42; \{2^{20}\})$	19342813113834066795298816
2	$\mathcal{O}(41; \{2^{24}\})$	4835703278458516698824704
2	$\mathcal{O}(40; \{2^{28}\})$	1208925819614629174706176
2	$\mathcal{O}(39; \{2^{32}\})$	302231454903657293676544
2	$\mathcal{O}(38; \{2^{36}\})$	75557863725914323419136
2	$\mathcal{O}(37; \{2^{40}\})$	18889465931478580854784
2	$\mathcal{O}(36; \{2^{44}\})$	4722366482869645213696
2	$\mathcal{O}(35; \{2^{48}\})$	1180591620717411303424
2	$\mathcal{O}(34; \{2^{52}\})$	295147905179352825856
2	$\mathcal{O}(33; \{2^{56}\})$	73786976294838206464
2	$\mathcal{O}(32; \{2^{60}\})$	18446744073709551616
2	$\mathcal{O}(31; \{2^{64}\})$	4611686018427387904
2	$\mathcal{O}(30; \{2^{68}\})$	1152921504606846976
2	$\mathcal{O}(29; \{2^{72}\})$	288230376151711744
2	$\mathcal{O}(28; \{2^{76}\})$	72057594037927936
2	$\mathcal{O}(27; \{2^{80}\})$	18014398509481984
2	$\mathcal{O}(26; \{2^{84}\})$	4503599627370496
2	$\mathcal{O}(25; \{2^{88}\})$	1125899906842624
2	$\mathcal{O}(24; \{2^{92}\})$	281474976710656
2	$\mathcal{O}(23; \{2^{96}\})$	70368744177664
2	$\mathcal{O}(22; \{2^{100}\})$	17592186044416
2	$\mathcal{O}(21; \{2^{104}\})$	4398046511104
2	$\mathcal{O}(20; \{2^{108}\})$	1099511627776
2	$\mathcal{O}(19; \{2^{112}\})$	274877906944
2	$\mathcal{O}(18; \{2^{116}\})$	68719476736
2	$\mathcal{O}(17; \{2^{120}\})$	17179869184
2	$\mathcal{O}(16; \{2^{124}\})$	4294967296
2	$\mathcal{O}(15; \{2^{128}\})$	1073741824
2	$\mathcal{O}(14; \{2^{132}\})$	268435456
2	$\mathcal{O}(13; \{2^{136}\})$	67108864
2	$\mathcal{O}(12; \{2^{140}\})$	16777216
2	$\mathcal{O}(11; \{2^{144}\})$	4194304
2	$\mathcal{O}(10; \{2^{148}\})$	1048576
2	$\mathcal{O}(9; \{2^{152}\})$	262144
2	$\mathcal{O}(8; \{2^{156}\})$	65536
2	$\mathcal{O}(7; \{2^{160}\})$	16384

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
2	$\mathcal{O}(6; \{2^{164}\})$	4096
2	$\mathcal{O}(5; \{2^{168}\})$	1024
2	$\mathcal{O}(4; \{2^{172}\})$	256
2	$\mathcal{O}(3; \{2^{176}\})$	64
2	$\mathcal{O}(2; \{2^{180}\})$	16
2	$\mathcal{O}(1; \{2^{184}\})$	4
2	$\mathcal{O}(0; \{2^{188}\})$	1
3	$\mathcal{O}(31; \{3^2\})$	763040848953891663257299797618
3	$\mathcal{O}(30; \{3^5\})$	423911582752162035142944332010
3	$\mathcal{O}(29; \{3^8\})$	405071067963177055803257917254
3	$\mathcal{O}(28; \{3^{11}\})$	356923085724659886379614857322
3	$\mathcal{O}(27; \{3^{14}\})$	317613863510604806028911103078
3	$\mathcal{O}(26; \{3^{17}\})$	282284667740313356430349609290
3	$\mathcal{O}(25; \{3^{20}\})$	250924012045982467942510051974
3	$\mathcal{O}(24; \{3^{23}\})$	223043087664437065824949754922
3	$\mathcal{O}(23; \{3^{26}\})$	198260575546017220870517468838
3	$\mathcal{O}(22; \{3^{29}\})$	176231616798945449894348130570
3	$\mathcal{O}(21; \{3^{32}\})$	156650326700021001361828049094
3	$\mathcal{O}(20; \{3^{35}\})$	139244734771517119567283359722
3	$\mathcal{O}(19; \{3^{38}\})$	123773097582786994365845383398
3	$\mathcal{O}(18; \{3^{41}\})$	110020531183798982735636123850
3	$\mathcal{O}(17; \{3^{44}\})$	97796027719032492188541220614
3	$\mathcal{O}(16; \{3^{47}\})$	86929802416906652713125751722
3	$\mathcal{O}(15; \{3^{50}\})$	77270935481696037758459902758
3	$\mathcal{O}(14; \{3^{53}\})$	68685275983729674080098517130
3	$\mathcal{O}(13; \{3^{56}\})$	61053578652204169989060318534
3	$\mathcal{O}(12; \{3^{59}\})$	54269847690848149406809730922
3	$\mathcal{O}(11; \{3^{62}\})$	48239864614087244105450562918
3	$\mathcal{O}(10; \{3^{65}\})$	42879879656966439183924238410
3	$\mathcal{O}(9; \{3^{68}\})$	38115448583970168165812734854
3	$\mathcal{O}(8; \{3^{71}\})$	33880398741306816147130817322
3	$\mathcal{O}(7; \{3^{74}\})$	30115909992272725464144979878
3	$\mathcal{O}(6; \{3^{77}\})$	26769697770909089301459015690
3	$\mathcal{O}(5; \{3^{80}\})$	23795286907474746045741701574
3	$\mathcal{O}(4; \{3^{83}\})$	21151366139977552040659250922
3	$\mathcal{O}(3; \{3^{86}\})$	18801214346646712925030449638
3	$\mathcal{O}(2; \{3^{89}\})$	16712190530352633711138176970
3	$\mathcal{O}(1; \{3^{92}\})$	14855280471424563298789490694
3	$\mathcal{O}(0; \{3^{95}\})$	13204693752377389598923991722
4	$\mathcal{O}(24; \emptyset)$	79228162514264056118567239680
4	$\mathcal{O}(23; \{2^4\})$	4951760157141450730852319232
4	$\mathcal{O}(23; \{4^2, 2\})$	9903520314283042199192993792
4	$\mathcal{O}(22; \{2^8\})$	309485009821327476538736640

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(22; \{4^2, 2^5\})$	618970019642690137449562112
4	$\mathcal{O}(22; \{4^4, 2^2\})$	2475880078570760549798248448
4	$\mathcal{O}(21; \{2^{12}\})$	19342813113829668748787712
4	$\mathcal{O}(21; \{4^2, 2^9\})$	38685626227668133590597632
4	$\mathcal{O}(21; \{4^4, 2^6\})$	154742504910672534362390528
4	$\mathcal{O}(21; \{4^6, 2^3\})$	618970019642690137449562112
4	$\mathcal{O}(21; \{4^8\})$	2475880078570760549798248448
4	$\mathcal{O}(20; \{2^{16}\})$	1208925819613529663078400
4	$\mathcal{O}(20; \{4^2, 2^{13}\})$	2417851639229258349412352
4	$\mathcal{O}(20; \{4^4, 2^{10}\})$	9671406556917033397649408
4	$\mathcal{O}(20; \{4^6, 2^7\})$	38685626227668133590597632
4	$\mathcal{O}(20; \{4^8, 2^4\})$	154742504910672534362390528
4	$\mathcal{O}(20; \{4^{10}, 2\})$	618970019642690137449562112
4	$\mathcal{O}(19; \{2^{20}\})$	75557863725639445512192
4	$\mathcal{O}(19; \{4^2, 2^{17}\})$	151115727451828646838272
4	$\mathcal{O}(19; \{4^4, 2^{14}\})$	604462909807314587353088
4	$\mathcal{O}(19; \{4^6, 2^{11}\})$	2417851639229258349412352
4	$\mathcal{O}(19; \{4^8, 2^8\})$	9671406556917033397649408
4	$\mathcal{O}(19; \{4^{10}, 2^5\})$	38685626227668133590597632
4	$\mathcal{O}(19; \{4^{12}, 2^2\})$	154742504910672534362390528
4	$\mathcal{O}(18; \{2^{24}\})$	4722366482800925736960
4	$\mathcal{O}(18; \{4^2, 2^{21}\})$	9444732965739290427392
4	$\mathcal{O}(18; \{4^4, 2^{18}\})$	37778931862957161709568
4	$\mathcal{O}(18; \{4^6, 2^{15}\})$	151115727451828646838272
4	$\mathcal{O}(18; \{4^8, 2^{12}\})$	604462909807314587353088
4	$\mathcal{O}(18; \{4^{10}, 2^9\})$	2417851639229258349412352
4	$\mathcal{O}(18; \{4^{12}, 2^6\})$	9671406556917033397649408
4	$\mathcal{O}(18; \{4^{14}, 2^3\})$	38685626227668133590597632
4	$\mathcal{O}(18; \{4^{16}\})$	154742504910672534362390528
4	$\mathcal{O}(17; \{2^{28}\})$	295147905162172956672
4	$\mathcal{O}(17; \{4^2, 2^{25}\})$	590295810358705651712
4	$\mathcal{O}(17; \{4^4, 2^{22}\})$	2361183241434822606848
4	$\mathcal{O}(17; \{4^6, 2^{19}\})$	9444732965739290427392
4	$\mathcal{O}(17; \{4^8, 2^{16}\})$	37778931862957161709568
4	$\mathcal{O}(17; \{4^{10}, 2^{13}\})$	151115727451828646838272
4	$\mathcal{O}(17; \{4^{12}, 2^{10}\})$	604462909807314587353088
4	$\mathcal{O}(17; \{4^{14}, 2^7\})$	2417851639229258349412352
4	$\mathcal{O}(17; \{4^{16}, 2^4\})$	9671406556917033397649408
4	$\mathcal{O}(17; \{4^{18}, 2\})$	38685626227668133590597632
4	$\mathcal{O}(16; \{2^{32}\})$	18446744069414584320
4	$\mathcal{O}(16; \{4^2, 2^{29}\})$	36893488147419103232
4	$\mathcal{O}(16; \{4^4, 2^{26}\})$	147573952589676412928
4	$\mathcal{O}(16; \{4^6, 2^{23}\})$	590295810358705651712

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(16; \{4^8, 2^{20}\})$	2361183241434822606848
4	$\mathcal{O}(16; \{4^{10}, 2^{17}\})$	9444732965739290427392
4	$\mathcal{O}(16; \{4^{12}, 2^{14}\})$	37778931862957161709568
4	$\mathcal{O}(16; \{4^{14}, 2^{11}\})$	151115727451828646838272
4	$\mathcal{O}(16; \{4^{16}, 2^8\})$	604462909807314587353088
4	$\mathcal{O}(16; \{4^{18}, 2^5\})$	2417851639229258349412352
4	$\mathcal{O}(16; \{4^{20}, 2^2\})$	9671406556917033397649408
4	$\mathcal{O}(15; \{2^{36}\})$	1152921503533105152
4	$\mathcal{O}(15; \{4^2, 2^{33}\})$	2305843009213693952
4	$\mathcal{O}(15; \{4^4, 2^{30}\})$	9223372036854775808
4	$\mathcal{O}(15; \{4^6, 2^{27}\})$	36893488147419103232
4	$\mathcal{O}(15; \{4^8, 2^{24}\})$	147573952589676412928
4	$\mathcal{O}(15; \{4^{10}, 2^{21}\})$	590295810358705651712
4	$\mathcal{O}(15; \{4^{12}, 2^{18}\})$	2361183241434822606848
4	$\mathcal{O}(15; \{4^{14}, 2^{15}\})$	9444732965739290427392
4	$\mathcal{O}(15; \{4^{16}, 2^{12}\})$	37778931862957161709568
4	$\mathcal{O}(15; \{4^{18}, 2^9\})$	151115727451828646838272
4	$\mathcal{O}(15; \{4^{20}, 2^6\})$	604462909807314587353088
4	$\mathcal{O}(15; \{4^{22}, 2^3\})$	2417851639229258349412352
4	$\mathcal{O}(15; \{4^{24}\})$	9671406556917033397649408
4	$\mathcal{O}(14; \{2^{40}\})$	72057593769492480
4	$\mathcal{O}(14; \{4^2, 2^{37}\})$	144115188075855872
4	$\mathcal{O}(14; \{4^4, 2^{34}\})$	576460752303423488
4	$\mathcal{O}(14; \{4^6, 2^{31}\})$	2305843009213693952
4	$\mathcal{O}(14; \{4^8, 2^{28}\})$	9223372036854775808
4	$\mathcal{O}(14; \{4^{10}, 2^{25}\})$	36893488147419103232
4	$\mathcal{O}(14; \{4^{12}, 2^{22}\})$	147573952589676412928
4	$\mathcal{O}(14; \{4^{14}, 2^{19}\})$	590295810358705651712
4	$\mathcal{O}(14; \{4^{16}, 2^{16}\})$	2361183241434822606848
4	$\mathcal{O}(14; \{4^{18}, 2^{13}\})$	9444732965739290427392
4	$\mathcal{O}(14; \{4^{20}, 2^{10}\})$	37778931862957161709568
4	$\mathcal{O}(14; \{4^{22}, 2^7\})$	151115727451828646838272
4	$\mathcal{O}(14; \{4^{24}, 2^4\})$	604462909807314587353088
4	$\mathcal{O}(14; \{4^{26}, 2\})$	2417851639229258349412352
4	$\mathcal{O}(13; \{2^{44}\})$	4503599560261632
4	$\mathcal{O}(13; \{4^2, 2^{41}\})$	9007199254740992
4	$\mathcal{O}(13; \{4^4, 2^{38}\})$	36028797018963968
4	$\mathcal{O}(13; \{4^6, 2^{35}\})$	144115188075855872
4	$\mathcal{O}(13; \{4^8, 2^{32}\})$	576460752303423488
4	$\mathcal{O}(13; \{4^{10}, 2^{29}\})$	2305843009213693952
4	$\mathcal{O}(13; \{4^{12}, 2^{26}\})$	9223372036854775808
4	$\mathcal{O}(13; \{4^{14}, 2^{23}\})$	36893488147419103232
4	$\mathcal{O}(13; \{4^{16}, 2^{20}\})$	147573952589676412928

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(13; \{4^{18}, 2^{17}\})$	590295810358705651712
4	$\mathcal{O}(13; \{4^{20}, 2^{14}\})$	2361183241434822606848
4	$\mathcal{O}(13; \{4^{22}, 2^{11}\})$	9444732965739290427392
4	$\mathcal{O}(13; \{4^{24}, 2^8\})$	37778931862957161709568
4	$\mathcal{O}(13; \{4^{26}, 2^5\})$	151115727451828646838272
4	$\mathcal{O}(13; \{4^{28}, 2^2\})$	604462909807314587353088
4	$\mathcal{O}(12; \{2^{48}\})$	281474959933440
4	$\mathcal{O}(12; \{4^2, 2^{45}\})$	562949953421312
4	$\mathcal{O}(12; \{4^4, 2^{42}\})$	2251799813685248
4	$\mathcal{O}(12; \{4^6, 2^{39}\})$	9007199254740992
4	$\mathcal{O}(12; \{4^8, 2^{36}\})$	36028797018963968
4	$\mathcal{O}(12; \{4^{10}, 2^{33}\})$	144115188075855872
4	$\mathcal{O}(12; \{4^{12}, 2^{30}\})$	576460752303423488
4	$\mathcal{O}(12; \{4^{14}, 2^{27}\})$	2305843009213693952
4	$\mathcal{O}(12; \{4^{16}, 2^{24}\})$	9223372036854775808
4	$\mathcal{O}(12; \{4^{18}, 2^{21}\})$	36893488147419103232
4	$\mathcal{O}(12; \{4^{20}, 2^{18}\})$	147573952589676412928
4	$\mathcal{O}(12; \{4^{22}, 2^{15}\})$	590295810358705651712
4	$\mathcal{O}(12; \{4^{24}, 2^{12}\})$	2361183241434822606848
4	$\mathcal{O}(12; \{4^{26}, 2^9\})$	9444732965739290427392
4	$\mathcal{O}(12; \{4^{28}, 2^6\})$	37778931862957161709568
4	$\mathcal{O}(12; \{4^{30}, 2^3\})$	151115727451828646838272
4	$\mathcal{O}(12; \{4^{32}\})$	604462909807314587353088
4	$\mathcal{O}(11; \{2^{52}\})$	17592181850112
4	$\mathcal{O}(11; \{4^2, 2^{49}\})$	35184372088832
4	$\mathcal{O}(11; \{4^4, 2^{46}\})$	140737488355328
4	$\mathcal{O}(11; \{4^6, 2^{43}\})$	562949953421312
4	$\mathcal{O}(11; \{4^8, 2^{40}\})$	2251799813685248
4	$\mathcal{O}(11; \{4^{10}, 2^{37}\})$	9007199254740992
4	$\mathcal{O}(11; \{4^{12}, 2^{34}\})$	36028797018963968
4	$\mathcal{O}(11; \{4^{14}, 2^{31}\})$	144115188075855872
4	$\mathcal{O}(11; \{4^{16}, 2^{28}\})$	576460752303423488
4	$\mathcal{O}(11; \{4^{18}, 2^{25}\})$	2305843009213693952
4	$\mathcal{O}(11; \{4^{20}, 2^{22}\})$	9223372036854775808
4	$\mathcal{O}(11; \{4^{22}, 2^{19}\})$	36893488147419103232
4	$\mathcal{O}(11; \{4^{24}, 2^{16}\})$	147573952589676412928
4	$\mathcal{O}(11; \{4^{26}, 2^{13}\})$	590295810358705651712
4	$\mathcal{O}(11; \{4^{28}, 2^{10}\})$	2361183241434822606848
4	$\mathcal{O}(11; \{4^{30}, 2^7\})$	9444732965739290427392
4	$\mathcal{O}(11; \{4^{32}, 2^4\})$	37778931862957161709568
4	$\mathcal{O}(11; \{4^{34}, 2\})$	151115727451828646838272
4	$\mathcal{O}(10; \{2^{56}\})$	1099510579200
4	$\mathcal{O}(10; \{4^2, 2^{53}\})$	2199023255552

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(10; \{4^4, 2^{50}\})$	8796093022208
4	$\mathcal{O}(10; \{4^6, 2^{47}\})$	35184372088832
4	$\mathcal{O}(10; \{4^8, 2^{44}\})$	140737488355328
4	$\mathcal{O}(10; \{4^{10}, 2^{41}\})$	562949953421312
4	$\mathcal{O}(10; \{4^{12}, 2^{38}\})$	2251799813685248
4	$\mathcal{O}(10; \{4^{14}, 2^{35}\})$	9007199254740992
4	$\mathcal{O}(10; \{4^{16}, 2^{32}\})$	36028797018963968
4	$\mathcal{O}(10; \{4^{18}, 2^{29}\})$	144115188075855872
4	$\mathcal{O}(10; \{4^{20}, 2^{26}\})$	576460752303423488
4	$\mathcal{O}(10; \{4^{22}, 2^{23}\})$	2305843009213693952
4	$\mathcal{O}(10; \{4^{24}, 2^{20}\})$	9223372036854775808
4	$\mathcal{O}(10; \{4^{26}, 2^{17}\})$	36893488147419103232
4	$\mathcal{O}(10; \{4^{28}, 2^{14}\})$	147573952589676412928
4	$\mathcal{O}(10; \{4^{30}, 2^{11}\})$	590295810358705651712
4	$\mathcal{O}(10; \{4^{32}, 2^8\})$	2361183241434822606848
4	$\mathcal{O}(10; \{4^{34}, 2^5\})$	9444732965739290427392
4	$\mathcal{O}(10; \{4^{36}, 2^2\})$	37778931862957161709568
4	$\mathcal{O}(9; \{2^{60}\})$	68719214592
4	$\mathcal{O}(9; \{4^2, 2^{57}\})$	137438953472
4	$\mathcal{O}(9; \{4^4, 2^{54}\})$	549755813888
4	$\mathcal{O}(9; \{4^6, 2^{51}\})$	2199023255552
4	$\mathcal{O}(9; \{4^8, 2^{48}\})$	8796093022208
4	$\mathcal{O}(9; \{4^{10}, 2^{45}\})$	35184372088832
4	$\mathcal{O}(9; \{4^{12}, 2^{42}\})$	140737488355328
4	$\mathcal{O}(9; \{4^{14}, 2^{39}\})$	562949953421312
4	$\mathcal{O}(9; \{4^{16}, 2^{36}\})$	2251799813685248
4	$\mathcal{O}(9; \{4^{18}, 2^{33}\})$	9007199254740992
4	$\mathcal{O}(9; \{4^{20}, 2^{30}\})$	36028797018963968
4	$\mathcal{O}(9; \{4^{22}, 2^{27}\})$	144115188075855872
4	$\mathcal{O}(9; \{4^{24}, 2^{24}\})$	576460752303423488
4	$\mathcal{O}(9; \{4^{26}, 2^{21}\})$	2305843009213693952
4	$\mathcal{O}(9; \{4^{28}, 2^{18}\})$	9223372036854775808
4	$\mathcal{O}(9; \{4^{30}, 2^{15}\})$	36893488147419103232
4	$\mathcal{O}(9; \{4^{32}, 2^{12}\})$	147573952589676412928
4	$\mathcal{O}(9; \{4^{34}, 2^9\})$	590295810358705651712
4	$\mathcal{O}(9; \{4^{36}, 2^6\})$	2361183241434822606848
4	$\mathcal{O}(9; \{4^{38}, 2^3\})$	9444732965739290427392
4	$\mathcal{O}(9; \{4^{40}\})$	37778931862957161709568
4	$\mathcal{O}(8; \{2^{64}\})$	4294901760
4	$\mathcal{O}(8; \{4^2, 2^{61}\})$	8589934592
4	$\mathcal{O}(8; \{4^4, 2^{58}\})$	34359738368
4	$\mathcal{O}(8; \{4^6, 2^{55}\})$	137438953472
4	$\mathcal{O}(8; \{4^8, 2^{52}\})$	549755813888

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(8; \{4^{10}, 2^{49}\})$	2199023255552
4	$\mathcal{O}(8; \{4^{12}, 2^{46}\})$	8796093022208
4	$\mathcal{O}(8; \{4^{14}, 2^{43}\})$	35184372088832
4	$\mathcal{O}(8; \{4^{16}, 2^{40}\})$	140737488355328
4	$\mathcal{O}(8; \{4^{18}, 2^{37}\})$	562949953421312
4	$\mathcal{O}(8; \{4^{20}, 2^{34}\})$	2251799813685248
4	$\mathcal{O}(8; \{4^{22}, 2^{31}\})$	9007199254740992
4	$\mathcal{O}(8; \{4^{24}, 2^{28}\})$	36028797018963968
4	$\mathcal{O}(8; \{4^{26}, 2^{25}\})$	144115188075855872
4	$\mathcal{O}(8; \{4^{28}, 2^{22}\})$	576460752303423488
4	$\mathcal{O}(8; \{4^{30}, 2^{19}\})$	2305843009213693952
4	$\mathcal{O}(8; \{4^{32}, 2^{16}\})$	9223372036854775808
4	$\mathcal{O}(8; \{4^{34}, 2^{13}\})$	36893488147419103232
4	$\mathcal{O}(8; \{4^{36}, 2^{10}\})$	147573952589676412928
4	$\mathcal{O}(8; \{4^{38}, 2^7\})$	590295810358705651712
4	$\mathcal{O}(8; \{4^{40}, 2^4\})$	2361183241434822606848
4	$\mathcal{O}(8; \{4^{42}, 2\})$	9444732965739290427392
4	$\mathcal{O}(7; \{2^{68}\})$	268419072
4	$\mathcal{O}(7; \{4^2, 2^{65}\})$	536870912
4	$\mathcal{O}(7; \{4^4, 2^{62}\})$	2147483648
4	$\mathcal{O}(7; \{4^6, 2^{59}\})$	8589934592
4	$\mathcal{O}(7; \{4^8, 2^{56}\})$	34359738368
4	$\mathcal{O}(7; \{4^{10}, 2^{53}\})$	137438953472
4	$\mathcal{O}(7; \{4^{12}, 2^{50}\})$	549755813888
4	$\mathcal{O}(7; \{4^{14}, 2^{47}\})$	2199023255552
4	$\mathcal{O}(7; \{4^{16}, 2^{44}\})$	8796093022208
4	$\mathcal{O}(7; \{4^{18}, 2^{41}\})$	35184372088832
4	$\mathcal{O}(7; \{4^{20}, 2^{38}\})$	140737488355328
4	$\mathcal{O}(7; \{4^{22}, 2^{35}\})$	562949953421312
4	$\mathcal{O}(7; \{4^{24}, 2^{32}\})$	2251799813685248
4	$\mathcal{O}(7; \{4^{26}, 2^{29}\})$	9007199254740992
4	$\mathcal{O}(7; \{4^{28}, 2^{26}\})$	36028797018963968
4	$\mathcal{O}(7; \{4^{30}, 2^{23}\})$	144115188075855872
4	$\mathcal{O}(7; \{4^{32}, 2^{20}\})$	576460752303423488
4	$\mathcal{O}(7; \{4^{34}, 2^{17}\})$	2305843009213693952
4	$\mathcal{O}(7; \{4^{36}, 2^{14}\})$	9223372036854775808
4	$\mathcal{O}(7; \{4^{38}, 2^{11}\})$	36893488147419103232
4	$\mathcal{O}(7; \{4^{40}, 2^8\})$	147573952589676412928
4	$\mathcal{O}(7; \{4^{42}, 2^5\})$	590295810358705651712
4	$\mathcal{O}(7; \{4^{44}, 2^2\})$	2361183241434822606848
4	$\mathcal{O}(6; \{2^{72}\})$	16773120
4	$\mathcal{O}(6; \{4^2, 2^{69}\})$	33554432
4	$\mathcal{O}(6; \{4^4, 2^{66}\})$	134217728

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(6; \{4^6, 2^{63}\})$	536870912
4	$\mathcal{O}(6; \{4^8, 2^{60}\})$	2147483648
4	$\mathcal{O}(6; \{4^{10}, 2^{57}\})$	8589934592
4	$\mathcal{O}(6; \{4^{12}, 2^{54}\})$	34359738368
4	$\mathcal{O}(6; \{4^{14}, 2^{51}\})$	137438953472
4	$\mathcal{O}(6; \{4^{16}, 2^{48}\})$	549755813888
4	$\mathcal{O}(6; \{4^{18}, 2^{45}\})$	2199023255552
4	$\mathcal{O}(6; \{4^{20}, 2^{42}\})$	8796093022208
4	$\mathcal{O}(6; \{4^{22}, 2^{39}\})$	35184372088832
4	$\mathcal{O}(6; \{4^{24}, 2^{36}\})$	140737488355328
4	$\mathcal{O}(6; \{4^{26}, 2^{33}\})$	562949953421312
4	$\mathcal{O}(6; \{4^{28}, 2^{30}\})$	2251799813685248
4	$\mathcal{O}(6; \{4^{30}, 2^{27}\})$	9007199254740992
4	$\mathcal{O}(6; \{4^{32}, 2^{24}\})$	36028797018963968
4	$\mathcal{O}(6; \{4^{34}, 2^{21}\})$	144115188075855872
4	$\mathcal{O}(6; \{4^{36}, 2^{18}\})$	576460752303423488
4	$\mathcal{O}(6; \{4^{38}, 2^{15}\})$	2305843009213693952
4	$\mathcal{O}(6; \{4^{40}, 2^{12}\})$	9223372036854775808
4	$\mathcal{O}(6; \{4^{42}, 2^9\})$	36893488147419103232
4	$\mathcal{O}(6; \{4^{44}, 2^6\})$	147573952589676412928
4	$\mathcal{O}(6; \{4^{46}, 2^3\})$	590295810358705651712
4	$\mathcal{O}(6; \{4^{48}\})$	2361183241434822606848
4	$\mathcal{O}(5; \{2^{76}\})$	1047552
4	$\mathcal{O}(5; \{4^2, 2^{73}\})$	2097152
4	$\mathcal{O}(5; \{4^4, 2^{70}\})$	8388608
4	$\mathcal{O}(5; \{4^6, 2^{67}\})$	33554432
4	$\mathcal{O}(5; \{4^8, 2^{64}\})$	134217728
4	$\mathcal{O}(5; \{4^{10}, 2^{61}\})$	536870912
4	$\mathcal{O}(5; \{4^{12}, 2^{58}\})$	2147483648
4	$\mathcal{O}(5; \{4^{14}, 2^{55}\})$	8589934592
4	$\mathcal{O}(5; \{4^{16}, 2^{52}\})$	34359738368
4	$\mathcal{O}(5; \{4^{18}, 2^{49}\})$	137438953472
4	$\mathcal{O}(5; \{4^{20}, 2^{46}\})$	549755813888
4	$\mathcal{O}(5; \{4^{22}, 2^{43}\})$	2199023255552
4	$\mathcal{O}(5; \{4^{24}, 2^{40}\})$	8796093022208
4	$\mathcal{O}(5; \{4^{26}, 2^{37}\})$	35184372088832
4	$\mathcal{O}(5; \{4^{28}, 2^{34}\})$	140737488355328
4	$\mathcal{O}(5; \{4^{30}, 2^{31}\})$	562949953421312
4	$\mathcal{O}(5; \{4^{32}, 2^{28}\})$	2251799813685248
4	$\mathcal{O}(5; \{4^{34}, 2^{25}\})$	9007199254740992
4	$\mathcal{O}(5; \{4^{36}, 2^{22}\})$	36028797018963968
4	$\mathcal{O}(5; \{4^{38}, 2^{19}\})$	144115188075855872
4	$\mathcal{O}(5; \{4^{40}, 2^{16}\})$	576460752303423488

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(5; \{4^{42}, 2^{13}\})$	2305843009213693952
4	$\mathcal{O}(5; \{4^{44}, 2^{10}\})$	9223372036854775808
4	$\mathcal{O}(5; \{4^{46}, 2^7\})$	36893488147419103232
4	$\mathcal{O}(5; \{4^{48}, 2^4\})$	147573952589676412928
4	$\mathcal{O}(5; \{4^{50}, 2\})$	590295810358705651712
4	$\mathcal{O}(4; \{2^{80}\})$	65280
4	$\mathcal{O}(4; \{4^2, 2^{77}\})$	131072
4	$\mathcal{O}(4; \{4^4, 2^{74}\})$	524288
4	$\mathcal{O}(4; \{4^6, 2^{71}\})$	2097152
4	$\mathcal{O}(4; \{4^8, 2^{68}\})$	8388608
4	$\mathcal{O}(4; \{4^{10}, 2^{65}\})$	33554432
4	$\mathcal{O}(4; \{4^{12}, 2^{62}\})$	134217728
4	$\mathcal{O}(4; \{4^{14}, 2^{59}\})$	536870912
4	$\mathcal{O}(4; \{4^{16}, 2^{56}\})$	2147483648
4	$\mathcal{O}(4; \{4^{18}, 2^{53}\})$	8589934592
4	$\mathcal{O}(4; \{4^{20}, 2^{50}\})$	34359738368
4	$\mathcal{O}(4; \{4^{22}, 2^{47}\})$	137438953472
4	$\mathcal{O}(4; \{4^{24}, 2^{44}\})$	549755813888
4	$\mathcal{O}(4; \{4^{26}, 2^{41}\})$	2199023255552
4	$\mathcal{O}(4; \{4^{28}, 2^{38}\})$	8796093022208
4	$\mathcal{O}(4; \{4^{30}, 2^{35}\})$	35184372088832
4	$\mathcal{O}(4; \{4^{32}, 2^{32}\})$	140737488355328
4	$\mathcal{O}(4; \{4^{34}, 2^{29}\})$	562949953421312
4	$\mathcal{O}(4; \{4^{36}, 2^{26}\})$	2251799813685248
4	$\mathcal{O}(4; \{4^{38}, 2^{23}\})$	9007199254740992
4	$\mathcal{O}(4; \{4^{40}, 2^{20}\})$	36028797018963968
4	$\mathcal{O}(4; \{4^{42}, 2^{17}\})$	144115188075855872
4	$\mathcal{O}(4; \{4^{44}, 2^{14}\})$	576460752303423488
4	$\mathcal{O}(4; \{4^{46}, 2^{11}\})$	2305843009213693952
4	$\mathcal{O}(4; \{4^{48}, 2^8\})$	9223372036854775808
4	$\mathcal{O}(4; \{4^{50}, 2^5\})$	36893488147419103232
4	$\mathcal{O}(4; \{4^{52}, 2^2\})$	147573952589676412928
4	$\mathcal{O}(3; \{2^{84}\})$	4032
4	$\mathcal{O}(3; \{4^2, 2^{81}\})$	8192
4	$\mathcal{O}(3; \{4^4, 2^{78}\})$	32768
4	$\mathcal{O}(3; \{4^6, 2^{75}\})$	131072
4	$\mathcal{O}(3; \{4^8, 2^{72}\})$	524288
4	$\mathcal{O}(3; \{4^{10}, 2^{69}\})$	2097152
4	$\mathcal{O}(3; \{4^{12}, 2^{66}\})$	8388608
4	$\mathcal{O}(3; \{4^{14}, 2^{63}\})$	33554432
4	$\mathcal{O}(3; \{4^{16}, 2^{60}\})$	134217728
4	$\mathcal{O}(3; \{4^{18}, 2^{57}\})$	536870912
4	$\mathcal{O}(3; \{4^{20}, 2^{54}\})$	2147483648

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(3; \{4^{22}, 2^{51}\})$	8589934592
4	$\mathcal{O}(3; \{4^{24}, 2^{48}\})$	34359738368
4	$\mathcal{O}(3; \{4^{26}, 2^{45}\})$	137438953472
4	$\mathcal{O}(3; \{4^{28}, 2^{42}\})$	549755813888
4	$\mathcal{O}(3; \{4^{30}, 2^{39}\})$	2199023255552
4	$\mathcal{O}(3; \{4^{32}, 2^{36}\})$	8796093022208
4	$\mathcal{O}(3; \{4^{34}, 2^{33}\})$	35184372088832
4	$\mathcal{O}(3; \{4^{36}, 2^{30}\})$	140737488355328
4	$\mathcal{O}(3; \{4^{38}, 2^{27}\})$	562949953421312
4	$\mathcal{O}(3; \{4^{40}, 2^{24}\})$	2251799813685248
4	$\mathcal{O}(3; \{4^{42}, 2^{21}\})$	9007199254740992
4	$\mathcal{O}(3; \{4^{44}, 2^{18}\})$	36028797018963968
4	$\mathcal{O}(3; \{4^{46}, 2^{15}\})$	144115188075855872
4	$\mathcal{O}(3; \{4^{48}, 2^{12}\})$	576460752303423488
4	$\mathcal{O}(3; \{4^{50}, 2^9\})$	2305843009213693952
4	$\mathcal{O}(3; \{4^{52}, 2^6\})$	9223372036854775808
4	$\mathcal{O}(3; \{4^{54}, 2^3\})$	36893488147419103232
4	$\mathcal{O}(3; \{4^{56}\})$	147573952589676412928
4	$\mathcal{O}(2; \{2^{88}\})$	240
4	$\mathcal{O}(2; \{4^2, 2^{85}\})$	512
4	$\mathcal{O}(2; \{4^4, 2^{82}\})$	2048
4	$\mathcal{O}(2; \{4^6, 2^{79}\})$	8192
4	$\mathcal{O}(2; \{4^8, 2^{76}\})$	32768
4	$\mathcal{O}(2; \{4^{10}, 2^{73}\})$	131072
4	$\mathcal{O}(2; \{4^{12}, 2^{70}\})$	524288
4	$\mathcal{O}(2; \{4^{14}, 2^{67}\})$	2097152
4	$\mathcal{O}(2; \{4^{16}, 2^{64}\})$	8388608
4	$\mathcal{O}(2; \{4^{18}, 2^{61}\})$	33554432
4	$\mathcal{O}(2; \{4^{20}, 2^{58}\})$	134217728
4	$\mathcal{O}(2; \{4^{22}, 2^{55}\})$	536870912
4	$\mathcal{O}(2; \{4^{24}, 2^{52}\})$	2147483648
4	$\mathcal{O}(2; \{4^{26}, 2^{49}\})$	8589934592
4	$\mathcal{O}(2; \{4^{28}, 2^{46}\})$	34359738368
4	$\mathcal{O}(2; \{4^{30}, 2^{43}\})$	137438953472
4	$\mathcal{O}(2; \{4^{32}, 2^{40}\})$	549755813888
4	$\mathcal{O}(2; \{4^{34}, 2^{37}\})$	2199023255552
4	$\mathcal{O}(2; \{4^{36}, 2^{34}\})$	8796093022208
4	$\mathcal{O}(2; \{4^{38}, 2^{31}\})$	35184372088832
4	$\mathcal{O}(2; \{4^{40}, 2^{28}\})$	140737488355328
4	$\mathcal{O}(2; \{4^{42}, 2^{25}\})$	562949953421312
4	$\mathcal{O}(2; \{4^{44}, 2^{22}\})$	2251799813685248
4	$\mathcal{O}(2; \{4^{46}, 2^{19}\})$	9007199254740992
4	$\mathcal{O}(2; \{4^{48}, 2^{16}\})$	36028797018963968

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(2; \{4^{50}, 2^{13}\})$	144115188075855872
4	$\mathcal{O}(2; \{4^{52}, 2^{10}\})$	576460752303423488
4	$\mathcal{O}(2; \{4^{54}, 2^7\})$	2305843009213693952
4	$\mathcal{O}(2; \{4^{56}, 2^4\})$	9223372036854775808
4	$\mathcal{O}(2; \{4^{58}, 2\})$	36893488147419103232
4	$\mathcal{O}(1; \{2^{92}\})$	12
4	$\mathcal{O}(1; \{4^2, 2^{89}\})$	32
4	$\mathcal{O}(1; \{4^4, 2^{86}\})$	128
4	$\mathcal{O}(1; \{4^6, 2^{83}\})$	512
4	$\mathcal{O}(1; \{4^8, 2^{80}\})$	2048
4	$\mathcal{O}(1; \{4^{10}, 2^{77}\})$	8192
4	$\mathcal{O}(1; \{4^{12}, 2^{74}\})$	32768
4	$\mathcal{O}(1; \{4^{14}, 2^{71}\})$	131072
4	$\mathcal{O}(1; \{4^{16}, 2^{68}\})$	524288
4	$\mathcal{O}(1; \{4^{18}, 2^{65}\})$	2097152
4	$\mathcal{O}(1; \{4^{20}, 2^{62}\})$	8388608
4	$\mathcal{O}(1; \{4^{22}, 2^{59}\})$	33554432
4	$\mathcal{O}(1; \{4^{24}, 2^{56}\})$	134217728
4	$\mathcal{O}(1; \{4^{26}, 2^{53}\})$	536870912
4	$\mathcal{O}(1; \{4^{28}, 2^{50}\})$	2147483648
4	$\mathcal{O}(1; \{4^{30}, 2^{47}\})$	8589934592
4	$\mathcal{O}(1; \{4^{32}, 2^{44}\})$	34359738368
4	$\mathcal{O}(1; \{4^{34}, 2^{41}\})$	137438953472
4	$\mathcal{O}(1; \{4^{36}, 2^{38}\})$	549755813888
4	$\mathcal{O}(1; \{4^{38}, 2^{35}\})$	2199023255552
4	$\mathcal{O}(1; \{4^{40}, 2^{32}\})$	8796093022208
4	$\mathcal{O}(1; \{4^{42}, 2^{29}\})$	35184372088832
4	$\mathcal{O}(1; \{4^{44}, 2^{26}\})$	140737488355328
4	$\mathcal{O}(1; \{4^{46}, 2^{23}\})$	562949953421312
4	$\mathcal{O}(1; \{4^{48}, 2^{20}\})$	2251799813685248
4	$\mathcal{O}(1; \{4^{50}, 2^{17}\})$	9007199254740992
4	$\mathcal{O}(1; \{4^{52}, 2^{14}\})$	36028797018963968
4	$\mathcal{O}(1; \{4^{54}, 2^{11}\})$	144115188075855872
4	$\mathcal{O}(1; \{4^{56}, 2^8\})$	576460752303423488
4	$\mathcal{O}(1; \{4^{58}, 2^5\})$	2305843009213693952
4	$\mathcal{O}(1; \{4^{60}, 2^2\})$	9223372036854775808
4	$\mathcal{O}(0; \{4^2, 2^{93}\})$	2
4	$\mathcal{O}(0; \{4^4, 2^{90}\})$	8
4	$\mathcal{O}(0; \{4^6, 2^{87}\})$	32
4	$\mathcal{O}(0; \{4^8, 2^{84}\})$	128
4	$\mathcal{O}(0; \{4^{10}, 2^{81}\})$	512
4	$\mathcal{O}(0; \{4^{12}, 2^{78}\})$	2048
4	$\mathcal{O}(0; \{4^{14}, 2^{75}\})$	8192

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(0; \{4^{16}, 2^{72}\})$	32768
4	$\mathcal{O}(0; \{4^{18}, 2^{69}\})$	131072
4	$\mathcal{O}(0; \{4^{20}, 2^{66}\})$	524288
4	$\mathcal{O}(0; \{4^{22}, 2^{63}\})$	2097152
4	$\mathcal{O}(0; \{4^{24}, 2^{60}\})$	8388608
4	$\mathcal{O}(0; \{4^{26}, 2^{57}\})$	33554432
4	$\mathcal{O}(0; \{4^{28}, 2^{54}\})$	134217728
4	$\mathcal{O}(0; \{4^{30}, 2^{51}\})$	536870912
4	$\mathcal{O}(0; \{4^{32}, 2^{48}\})$	2147483648
4	$\mathcal{O}(0; \{4^{34}, 2^{45}\})$	8589934592
4	$\mathcal{O}(0; \{4^{36}, 2^{42}\})$	34359738368
4	$\mathcal{O}(0; \{4^{38}, 2^{39}\})$	137438953472
4	$\mathcal{O}(0; \{4^{40}, 2^{36}\})$	549755813888
4	$\mathcal{O}(0; \{4^{42}, 2^{33}\})$	2199023255552
4	$\mathcal{O}(0; \{4^{44}, 2^{30}\})$	8796093022208
4	$\mathcal{O}(0; \{4^{46}, 2^{27}\})$	35184372088832
4	$\mathcal{O}(0; \{4^{48}, 2^{24}\})$	140737488355328
4	$\mathcal{O}(0; \{4^{50}, 2^{21}\})$	562949953421312
4	$\mathcal{O}(0; \{4^{52}, 2^{18}\})$	2251799813685248
4	$\mathcal{O}(0; \{4^{54}, 2^{15}\})$	9007199254740992
4	$\mathcal{O}(0; \{4^{56}, 2^{12}\})$	36028797018963968
4	$\mathcal{O}(0; \{4^{58}, 2^9\})$	144115188075855872
4	$\mathcal{O}(0; \{4^{60}, 2^6\})$	576460752303423488
4	$\mathcal{O}(0; \{4^{62}, 2^3\})$	2305843009213693952
4	$\mathcal{O}(0; \{4^{64}\})$	9223372036854775808
5	$\mathcal{O}(17; \{5^6\})$	477302819490432739257812500
5	$\mathcal{O}(15; \{5^{11}\})$	781249254941940307617187500
5	$\mathcal{O}(13; \{5^{16}\})$	1280000001192092895507812500
5	$\mathcal{O}(11; \{5^{21}\})$	209715199998092651367187500
5	$\mathcal{O}(9; \{5^{26}\})$	3435973836800003051757812500
5	$\mathcal{O}(7; \{5^{31}\})$	5629499534213119995117187500
5	$\mathcal{O}(5; \{5^{36}\})$	9223372036854775808007812500
5	$\mathcal{O}(3; \{5^{41}\})$	15111572745182864683827187500
5	$\mathcal{O}(1; \{5^{46}\})$	24758800785707605497982484500
6	$\mathcal{O}(15; \{3^4\})$	1326443517089053354830762
6	$\mathcal{O}(15; \{6, 3^2, 2\})$	442147839441466715799552
6	$\mathcal{O}(15; \{6^2, 2^2\})$	442147839441466715799552
6	$\mathcal{O}(14; \{3^4, 2^4\})$	36845653286788892983296
6	$\mathcal{O}(14; \{3^7\})$	257919572046696967774710
6	$\mathcal{O}(14; \{6, 3^2, 2^5\})$	12281884428929630994432
6	$\mathcal{O}(14; \{6, 3^5, 2\})$	135100728718225940938752
6	$\mathcal{O}(14; \{6^2, 2^6\})$	12281884428929630994432
6	$\mathcal{O}(14; \{6^2, 3^3, 2^2\})$	61409422144648154972160

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(14; \{6^3, 3, 2^3\})$	36845653286788892983296
6	$\mathcal{O}(14; \{6^4, 3^2\})$	135100728718225940938752
6	$\mathcal{O}(14; \{6^5, 2\})$	61409422144648154972160
6	$\mathcal{O}(13; \{3^4, 2^8\})$	1023490369077469249536
6	$\mathcal{O}(13; \{3^7, 2^4\})$	7164432583542284746752
6	$\mathcal{O}(13; \{3^{10}\})$	58338950168097633935034
6	$\mathcal{O}(13; \{6, 3^2, 2^9\})$	341163456359156416512
6	$\mathcal{O}(13; \{6, 3^5, 2^5\})$	3752798019950720581632
6	$\mathcal{O}(13; \{6, 3^8, 2\})$	28998893790528295403520
6	$\mathcal{O}(13; \{6^2, 2^{10}\})$	341163456359156416512
6	$\mathcal{O}(13; \{6^2, 3^3, 2^6\})$	1705817281795782082560
6	$\mathcal{O}(13; \{6^2, 3^6, 2^2\})$	14670028623443725910016
6	$\mathcal{O}(13; \{6^3, 3, 2^7\})$	1023490369077469249536
6	$\mathcal{O}(13; \{6^3, 3^4, 2^3\})$	7164432583542284746752
6	$\mathcal{O}(13; \{6^4, 3^2, 2^4\})$	3752798019950720581632
6	$\mathcal{O}(13; \{6^4, 3^5\})$	28998893790528295403520
6	$\mathcal{O}(13; \{6^5, 2^5\})$	1705817281795782082560
6	$\mathcal{O}(13; \{6^5, 3^3, 2\})$	14670028623443725910016
6	$\mathcal{O}(13; \{6^6, 3, 2^2\})$	7164432583542284746752
6	$\mathcal{O}(13; \{6^8\})$	14670028623443725910016
6	$\mathcal{O}(12; \{3^4, 2^{12}\})$	28430288029929701376
6	$\mathcal{O}(12; \{3^7, 2^8\})$	199012016209507909632
6	$\mathcal{O}(12; \{3^{10}, 2^4\})$	1620526417705992978432
6	$\mathcal{O}(12; \{3^{13}\})$	12935780282585379532950
6	$\mathcal{O}(12; \{6, 3^2, 2^{13}\})$	9476762676643233792
6	$\mathcal{O}(12; \{6, 3^5, 2^9\})$	104244389443075571712
6	$\mathcal{O}(12; \{6, 3^8, 2^5\})$	805524827514674872320
6	$\mathcal{O}(12; \{6, 3^{11}, 2\})$	6472628908147328679936
6	$\mathcal{O}(12; \{6^2, 2^{14}\})$	9476762676643233792
6	$\mathcal{O}(12; \{6^2, 3^3, 2^{10}\})$	47383813383216168960
6	$\mathcal{O}(12; \{6^2, 3^6, 2^6\})$	407500795095659053056
6	$\mathcal{O}(12; \{6^2, 3^9, 2^2\})$	3231576072735342723072
6	$\mathcal{O}(12; \{6^3, 3, 2^{11}\})$	28430288029929701376
6	$\mathcal{O}(12; \{6^3, 3^4, 2^7\})$	199012016209507909632
6	$\mathcal{O}(12; \{6^3, 3^7, 2^3\})$	1620526417705992978432
6	$\mathcal{O}(12; \{6^4, 3^2, 2^8\})$	104244389443075571712
6	$\mathcal{O}(12; \{6^4, 3^5, 2^4\})$	805524827514674872320
6	$\mathcal{O}(12; \{6^4, 3^8\})$	6472628908147328679936
6	$\mathcal{O}(12; \{6^5, 2^9\})$	47383813383216168960
6	$\mathcal{O}(12; \{6^5, 3^3, 2^5\})$	407500795095659053056
6	$\mathcal{O}(12; \{6^5, 3^6, 2\})$	3231576072735342723072
6	$\mathcal{O}(12; \{6^6, 3, 2^6\})$	199012016209507909632
6	$\mathcal{O}(12; \{6^6, 3^4, 2^2\})$	1620526417705992978432

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(12; \{6^7, 3^2, 2^3\})$	805524827514674872320
6	$\mathcal{O}(12; \{6^8, 2^4\})$	407500795095659053056
6	$\mathcal{O}(12; \{6^8, 3^3\})$	3231576072735342723072
6	$\mathcal{O}(12; \{6^9, 3, 2\})$	1620526417705992978432
6	$\mathcal{O}(11; \{3^4, 2^{16}\})$	789730223053602816
6	$\mathcal{O}(11; \{3^7, 2^{12}\})$	5528111561375219712
6	$\mathcal{O}(11; \{3^{10}, 2^8\})$	45014622714055360512
6	$\mathcal{O}(11; \{3^{13}, 2^4\})$	359327251489389281280
6	$\mathcal{O}(11; \{3^{16}\})$	2875407056587539634842
6	$\mathcal{O}(11; \{6, 3^2, 2^{17}\})$	263243407684534272
6	$\mathcal{O}(11; \{6, 3^5, 2^{13}\})$	2895677484529876992
6	$\mathcal{O}(11; \{6, 3^8, 2^9\})$	22375689653185413120
6	$\mathcal{O}(11; \{6, 3^{11}, 2^5\})$	179795247448536907776
6	$\mathcal{O}(11; \{6, 3^{14}, 2\})$	1437572249365241659392
6	$\mathcal{O}(11; \{6^2, 2^{18}\})$	263243407684534272
6	$\mathcal{O}(11; \{6^2, 3^3, 2^{14}\})$	1316217038422671360
6	$\mathcal{O}(11; \{6^2, 3^6, 2^{10}\})$	11319466530434973696
6	$\mathcal{O}(11; \{6^2, 3^9, 2^6\})$	89766002020426186752
6	$\mathcal{O}(11; \{6^2, 3^{12}, 2^2\})$	718917746386463096832
6	$\mathcal{O}(11; \{6^3, 3, 2^{15}\})$	789730223053602816
6	$\mathcal{O}(11; \{6^3, 3^4, 2^{11}\})$	5528111561375219712
6	$\mathcal{O}(11; \{6^3, 3^7, 2^7\})$	45014622714055360512
6	$\mathcal{O}(11; \{6^3, 3^{10}, 2^3\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^4, 3^2, 2^{12}\})$	2895677484529876992
6	$\mathcal{O}(11; \{6^4, 3^5, 2^8\})$	22375689653185413120
6	$\mathcal{O}(11; \{6^4, 3^8, 2^4\})$	179795247448536907776
6	$\mathcal{O}(11; \{6^4, 3^{11}\})$	1437572249365241659392
6	$\mathcal{O}(11; \{6^5, 2^{13}\})$	1316217038422671360
6	$\mathcal{O}(11; \{6^5, 3^3, 2^9\})$	11319466530434973696
6	$\mathcal{O}(11; \{6^5, 3^6, 2^5\})$	89766002020426186752
6	$\mathcal{O}(11; \{6^5, 3^9, 2\})$	718917746386463096832
6	$\mathcal{O}(11; \{6^6, 3, 2^{10}\})$	5528111561375219712
6	$\mathcal{O}(11; \{6^6, 3^4, 2^6\})$	45014622714055360512
6	$\mathcal{O}(11; \{6^6, 3^7, 2^2\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^7, 3^2, 2^7\})$	22375689653185413120
6	$\mathcal{O}(11; \{6^7, 3^5, 2^3\})$	179795247448536907776
6	$\mathcal{O}(11; \{6^8, 2^8\})$	11319466530434973696
6	$\mathcal{O}(11; \{6^8, 3^3, 2^4\})$	89766002020426186752
6	$\mathcal{O}(11; \{6^8, 3^6\})$	718917746386463096832
6	$\mathcal{O}(11; \{6^9, 3, 2^5\})$	45014622714055360512
6	$\mathcal{O}(11; \{6^9, 3^4, 2\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^{10}, 3^2, 2^2\})$	179795247448536907776
6	$\mathcal{O}(11; \{6^{11}, 2^3\})$	89766002020426186752

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(11; \{6^{12}, 3\})$	359327251489389281280
6	$\mathcal{O}(10; \{3^4, 2^{20}\})$	21936950640377856
6	$\mathcal{O}(10; \{3^7, 2^{16}\})$	153558654482644992
6	$\mathcal{O}(10; \{3^{10}, 2^{12}\})$	1250406186501537792
6	$\mathcal{O}(10; \{3^{13}, 2^8\})$	9981312541371924480
6	$\mathcal{O}(10; \{3^{16}, 2^4\})$	79872437281615773696
6	$\mathcal{O}(10; \{3^{19}\})$	638956951944870324150
6	$\mathcal{O}(10; \{6, 3^2, 2^{21}\})$	7312316880125952
6	$\mathcal{O}(10; \{6, 3^5, 2^{17}\})$	80435485681385472
6	$\mathcal{O}(10; \{6, 3^8, 2^{13}\})$	621546934810705920
6	$\mathcal{O}(10; \{6, 3^{11}, 2^9\})$	4994312429126025216
6	$\mathcal{O}(10; \{6, 3^{14}, 2^5\})$	39932562482367823872
6	$\mathcal{O}(10; \{6, 3^{17}, 2\})$	319482436809582968832
6	$\mathcal{O}(10; \{6^2, 2^{22}\})$	7312316880125952
6	$\mathcal{O}(10; \{6^2, 3^3, 2^{18}\})$	36561584400629760
6	$\mathcal{O}(10; \{6^2, 3^6, 2^{14}\})$	314429625845415936
6	$\mathcal{O}(10; \{6^2, 3^9, 2^{10}\})$	2493500056122949632
6	$\mathcal{O}(10; \{6^2, 3^{12}, 2^6\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^2, 3^{15}, 2^2\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^3, 3, 2^{19}\})$	21936950640377856
6	$\mathcal{O}(10; \{6^3, 3^4, 2^{15}\})$	153558654482644992
6	$\mathcal{O}(10; \{6^3, 3^7, 2^{11}\})$	1250406186501537792
6	$\mathcal{O}(10; \{6^3, 3^{10}, 2^7\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^3, 3^{13}, 2^3\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^4, 3^2, 2^{16}\})$	80435485681385472
6	$\mathcal{O}(10; \{6^4, 3^5, 2^{12}\})$	621546934810705920
6	$\mathcal{O}(10; \{6^4, 3^8, 2^8\})$	4994312429126025216
6	$\mathcal{O}(10; \{6^4, 3^{11}, 2^4\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^4, 3^{14}\})$	319482436809582968832
6	$\mathcal{O}(10; \{6^5, 2^{17}\})$	36561584400629760
6	$\mathcal{O}(10; \{6^5, 3^3, 2^{13}\})$	314429625845415936
6	$\mathcal{O}(10; \{6^5, 3^6, 2^9\})$	2493500056122949632
6	$\mathcal{O}(10; \{6^5, 3^9, 2^5\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^5, 3^{12}, 2\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^6, 3, 2^{14}\})$	153558654482644992
6	$\mathcal{O}(10; \{6^6, 3^4, 2^{10}\})$	1250406186501537792
6	$\mathcal{O}(10; \{6^6, 3^7, 2^6\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^6, 3^{10}, 2^2\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^7, 3^2, 2^{11}\})$	621546934810705920
6	$\mathcal{O}(10; \{6^7, 3^5, 2^7\})$	4994312429126025216
6	$\mathcal{O}(10; \{6^7, 3^8, 2^3\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^8, 2^{12}\})$	314429625845415936
6	$\mathcal{O}(10; \{6^8, 3^3, 2^8\})$	2493500056122949632

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(10; \{6^8, 3^6, 2^4\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^8, 3^9\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^9, 3, 2^9\})$	1250406186501537792
6	$\mathcal{O}(10; \{6^9, 3^4, 2^5\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^9, 3^7, 2\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^{10}, 3^2, 2^6\})$	4994312429126025216
6	$\mathcal{O}(10; \{6^{10}, 3^5, 2^2\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^{11}, 27\})$	2493500056122949632
6	$\mathcal{O}(10; \{6^{11}, 3^3, 2^3\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^{12}, 3, 2^4\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^{12}, 3^4\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^{13}, 3^2, 2\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^{14}, 2^2\})$	19969937399623974912
6	$\mathcal{O}(9; \{3^4, 2^{24}\})$	609359740010496
6	$\mathcal{O}(9; \{3^7, 2^{20}\})$	4265518180073472
6	$\mathcal{O}(9; \{3^{10}, 2^{16}\})$	34733505180598272
6	$\mathcal{O}(9; \{3^{13}, 2^{12}\})$	277258681704775680
6	$\mathcal{O}(9; \{3^{16}, 2^8\})$	2218678813378215936
6	$\mathcal{O}(9; \{3^{19}, 2^4\})$	17748821147285716992
6	$\mathcal{O}(9; \{3^{22}\})$	141990636884665234554
6	$\mathcal{O}(9; \{6, 3^2, 2^{25}\})$	203119913336832
6	$\mathcal{O}(9; \{6, 3^5, 2^{21}\})$	2234319046705152
6	$\mathcal{O}(9; \{6, 3^8, 2^{17}\})$	17265192633630720
6	$\mathcal{O}(9; \{6, 3^{11}, 2^{13}\})$	138730900809056256
6	$\mathcal{O}(9; \{6, 3^{14}, 2^9\})$	1109237846732439552
6	$\mathcal{O}(9; \{6, 3^{17}, 2^5\})$	8874512133599526912
6	$\mathcal{O}(9; \{6, 3^{20}, 2\})$	70995487709056204800
6	$\mathcal{O}(9; \{6^2, 2^{26}\})$	203119913336832
6	$\mathcal{O}(9; \{6^2, 3^3, 2^{22}\})$	1015599566684160
6	$\mathcal{O}(9; \{6^2, 3^6, 2^{18}\})$	8734156273483776
6	$\mathcal{O}(9; \{6^2, 3^9, 2^{14}\})$	69263890447859712
6	$\mathcal{O}(9; \{6^2, 3^{12}, 2^{10}\})$	554720483322888192
6	$\mathcal{O}(9; \{6^2, 3^{15}, 2^6\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^2, 3^{18}, 2^2\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^3, 3, 2^{23}\})$	609359740010496
6	$\mathcal{O}(9; \{6^3, 3^4, 2^{19}\})$	4265518180073472
6	$\mathcal{O}(9; \{6^3, 3^7, 2^{15}\})$	34733505180598272
6	$\mathcal{O}(9; \{6^3, 3^{10}, 2^{11}\})$	277258681704775680
6	$\mathcal{O}(9; \{6^3, 3^{13}, 2^7\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^3, 3^{16}, 2^3\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^4, 3^2, 2^{20}\})$	2234319046705152
6	$\mathcal{O}(9; \{6^4, 3^5, 2^{16}\})$	17265192633630720
6	$\mathcal{O}(9; \{6^4, 3^8, 2^{12}\})$	138730900809056256

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(9; \{6^4, 3^{11}, 2^8\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^4, 3^{14}, 2^4\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^4, 3^{17}\})$	70995487709056204800
6	$\mathcal{O}(9; \{6^5, 2^{21}\})$	1015599566684160
6	$\mathcal{O}(9; \{6^5, 3^3, 2^{17}\})$	8734156273483776
6	$\mathcal{O}(9; \{6^5, 3^6, 2^{13}\})$	69263890447859712
6	$\mathcal{O}(9; \{6^5, 3^9, 2^9\})$	554720483322888192
6	$\mathcal{O}(9; \{6^5, 3^{12}, 2^5\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^5, 3^{15}, 2\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^6, 3, 2^{18}\})$	4265518180073472
6	$\mathcal{O}(9; \{6^6, 3^4, 2^{14}\})$	34733505180598272
6	$\mathcal{O}(9; \{6^6, 3^7, 2^{10}\})$	277258681704775680
6	$\mathcal{O}(9; \{6^6, 3^{10}, 2^6\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^6, 3^{13}, 2^2\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^7, 3^2, 2^{15}\})$	17265192633630720
6	$\mathcal{O}(9; \{6^7, 3^5, 2^{11}\})$	138730900809056256
6	$\mathcal{O}(9; \{6^7, 3^8, 2^7\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^7, 3^{11}, 2^3\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^8, 2^{16}\})$	8734156273483776
6	$\mathcal{O}(9; \{6^8, 3^3, 2^{12}\})$	69263890447859712
6	$\mathcal{O}(9; \{6^8, 3^6, 2^8\})$	554720483322888192
6	$\mathcal{O}(9; \{6^8, 3^9, 2^4\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^8, 3^{12}\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^9, 3, 2^{13}\})$	34733505180598272
6	$\mathcal{O}(9; \{6^9, 3^4, 2^9\})$	277258681704775680
6	$\mathcal{O}(9; \{6^9, 3^7, 2^5\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^9, 3^{10}, 2\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^{10}, 3^2, 2^{10}\})$	138730900809056256
6	$\mathcal{O}(9; \{6^{10}, 3^5, 2^6\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^{10}, 3^8, 2^2\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^{11}, 2^{11}\})$	69263890447859712
6	$\mathcal{O}(9; \{6^{11}, 3^3, 2^7\})$	554720483322888192
6	$\mathcal{O}(9; \{6^{11}, 3^6, 2^3\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^{12}, 3, 2^8\})$	277258681704775680
6	$\mathcal{O}(9; \{6^{12}, 3^4, 2^4\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^{12}, 3^7\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^{13}, 3^2, 2^5\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^{13}, 3^5, 2\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^{14}, 2^6\})$	554720483322888192
6	$\mathcal{O}(9; \{6^{14}, 3^3, 2^2\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^{15}, 3, 2^3\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^{16}, 3^2\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^{17}, 2\})$	4437154506843095040

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(8; \{3^4, 2^{28}\})$	16926659444736
6	$\mathcal{O}(8; \{3^7, 2^{24}\})$	118486616113152
6	$\mathcal{O}(8; \{3^{10}, 2^{20}\})$	964819588349952
6	$\mathcal{O}(8; \{3^{13}, 2^{16}\})$	7701630047354880
6	$\mathcal{O}(8; \{3^{16}, 2^{12}\})$	61629967038283776
6	$\mathcal{O}(8; \{3^{19}, 2^8\})$	493022809646825472
6	$\mathcal{O}(8; \{3^{22}, 2^4\})$	3944199403834048512
6	$\mathcal{O}(8; \{3^{25}\})$	31553096834617435350
6	$\mathcal{O}(8; \{6, 3^2, 2^{29}\})$	5642219814912
6	$\mathcal{O}(8; \{6, 3^5, 2^{25}\})$	62064417964032
6	$\mathcal{O}(8; \{6, 3^8, 2^{21}\})$	479588684267520
6	$\mathcal{O}(8; \{6, 3^{11}, 2^{17}\})$	3853636133584896
6	$\mathcal{O}(8; \{6, 3^{14}, 2^{13}\})$	30812162409234432
6	$\mathcal{O}(8; \{6, 3^{17}, 2^9\})$	246514225933320192
6	$\mathcal{O}(8; \{6, 3^{20}, 2^5\})$	1972096880807116800
6	$\mathcal{O}(8; \{6, 3^{23}, 2\})$	15776791973116379136
6	$\mathcal{O}(8; \{6^2, 2^{30}\})$	5642219814912
6	$\mathcal{O}(8; \{6^2, 3^3, 2^{26}\})$	28211099074560
6	$\mathcal{O}(8; \{6^2, 3^6, 2^{22}\})$	242615452041216
6	$\mathcal{O}(8; \{6^2, 3^9, 2^{18}\})$	1923996956884992
6	$\mathcal{O}(8; \{6^2, 3^{12}, 2^{14}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^2, 3^{15}, 2^{10}\})$	123254291856752640
6	$\mathcal{O}(8; \{6^2, 3^{18}, 2^6\})$	986051261513465856
6	$\mathcal{O}(8; \{6^2, 3^{21}, 2^2\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^3, 3, 2^{27}\})$	16926659444736
6	$\mathcal{O}(8; \{6^3, 3^4, 2^{23}\})$	118486616113152
6	$\mathcal{O}(8; \{6^3, 3^7, 2^{19}\})$	964819588349952
6	$\mathcal{O}(8; \{6^3, 3^{10}, 2^{15}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^3, 3^{13}, 2^{11}\})$	61629967038283776
6	$\mathcal{O}(8; \{6^3, 3^{16}, 2^7\})$	493022809646825472
6	$\mathcal{O}(8; \{6^3, 3^{19}, 2^3\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^4, 3^2, 2^{24}\})$	62064417964032
6	$\mathcal{O}(8; \{6^4, 3^5, 2^{20}\})$	479588684267520
6	$\mathcal{O}(8; \{6^4, 3^8, 2^{16}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^4, 3^{11}, 2^{12}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^4, 3^{14}, 2^8\})$	246514225933320192
6	$\mathcal{O}(8; \{6^4, 3^{17}, 2^4\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^4, 3^{20}\})$	15776791973116379136
6	$\mathcal{O}(8; \{6^5, 2^{25}\})$	28211099074560
6	$\mathcal{O}(8; \{6^5, 3^3, 2^{21}\})$	242615452041216
6	$\mathcal{O}(8; \{6^5, 3^6, 2^{17}\})$	1923996956884992
6	$\mathcal{O}(8; \{6^5, 3^9, 2^{13}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^5, 3^{12}, 2^9\})$	123254291856752640

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(8; \{6^5, 3^{15}, 2^5\})$	986051261513465856
6	$\mathcal{O}(8; \{6^5, 3^{18}, 2\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^6, 3, 2^{22}\})$	118486616113152
6	$\mathcal{O}(8; \{6^6, 3^4, 2^{18}\})$	964819588349952
6	$\mathcal{O}(8; \{6^6, 3^7, 2^{14}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^6, 3^{10}, 2^{10}\})$	61629967038283776
6	$\mathcal{O}(8; \{6^6, 3^{13}, 2^6\})$	493022809646825472
6	$\mathcal{O}(8; \{6^6, 3^{16}, 2^2\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^7, 3^2, 2^{19}\})$	479588684267520
6	$\mathcal{O}(8; \{6^7, 3^5, 2^{15}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^7, 3^8, 2^{11}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^7, 3^{11}, 2^7\})$	246514225933320192
6	$\mathcal{O}(8; \{6^7, 3^{14}, 2^3\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^8, 2^{20}\})$	242615452041216
6	$\mathcal{O}(8; \{6^8, 3^3, 2^{16}\})$	1923996956884992
6	$\mathcal{O}(8; \{6^8, 3^6, 2^{12}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^8, 3^9, 2^8\})$	123254291856752640
6	$\mathcal{O}(8; \{6^8, 3^{12}, 2^4\})$	986051261513465856
6	$\mathcal{O}(8; \{6^8, 3^{15}\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^9, 3, 2^{17}\})$	964819588349952
6	$\mathcal{O}(8; \{6^9, 3^4, 2^{13}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^9, 3^7, 2^9\})$	61629967038283776
6	$\mathcal{O}(8; \{6^9, 3^{10}, 2^5\})$	493022809646825472
6	$\mathcal{O}(8; \{6^9, 3^{13}, 2\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^{10}, 3^2, 2^{14}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^{10}, 3^5, 2^{10}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^{10}, 3^8, 2^6\})$	246514225933320192
6	$\mathcal{O}(8; \{6^{10}, 3^{11}, 2^2\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^{11}, 2^{15}\})$	1923996956884992
6	$\mathcal{O}(8; \{6^{11}, 3^3, 2^{11}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^{11}, 3^6, 2^7\})$	123254291856752640
6	$\mathcal{O}(8; \{6^{11}, 3^9, 2^3\})$	986051261513465856
6	$\mathcal{O}(8; \{6^{12}, 3, 2^{12}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^{12}, 3^4, 2^8\})$	61629967038283776
6	$\mathcal{O}(8; \{6^{12}, 3^7, 2^4\})$	493022809646825472
6	$\mathcal{O}(8; \{6^{12}, 3^{10}\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^{13}, 3^2, 2^9\})$	30812162409234432
6	$\mathcal{O}(8; \{6^{13}, 3^5, 2^5\})$	246514225933320192
6	$\mathcal{O}(8; \{6^{13}, 3^8, 2\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^{14}, 2^{10}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^{14}, 3^3, 2^6\})$	123254291856752640
6	$\mathcal{O}(8; \{6^{14}, 3^6, 2^2\})$	986051261513465856
6	$\mathcal{O}(8; \{6^{15}, 3, 2^7\})$	61629967038283776

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(8; \{6^{15}, 3^4, 2^3\})$	493022809646825472
6	$\mathcal{O}(8; \{6^{16}, 3^2, 2^4\})$	246514225933320192
6	$\mathcal{O}(8; \{6^{16}, 3^5\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^{17}, 2^5\})$	123254291856752640
6	$\mathcal{O}(8; \{6^{17}, 3^3, 2\})$	986051261513465856
6	$\mathcal{O}(8; \{6^{18}, 3, 2^2\})$	493022809646825472
6	$\mathcal{O}(8; \{6^{20}\})$	986051261513465856
6	$\mathcal{O}(7; \{3^4, 2^{32}\})$	470184984576
6	$\mathcal{O}(7; \{3^7, 2^{28}\})$	3291294892032
6	$\mathcal{O}(7; \{3^{10}, 2^{24}\})$	26800544120832
6	$\mathcal{O}(7; \{3^{13}, 2^{20}\})$	213934167982080
6	$\mathcal{O}(7; \{3^{16}, 2^{16}\})$	1711943528841216
6	$\mathcal{O}(7; \{3^{19}, 2^{12}\})$	13695078045745152
6	$\mathcal{O}(7; \{3^{22}, 2^8\})$	109561094550945792
6	$\mathcal{O}(7; \{3^{25}, 2^4\})$	876488286222581760
6	$\mathcal{O}(7; \{3^{28}\})$	7011478787140933722
6	$\mathcal{O}(7; \{6, 3^2, 2^{33}\})$	156728328192
6	$\mathcal{O}(7; \{6, 3^5, 2^{29}\})$	1724011610112
6	$\mathcal{O}(7; \{6, 3^8, 2^{25}\})$	13321907896320
6	$\mathcal{O}(7; \{6, 3^{11}, 2^{21}\})$	107045448155136
6	$\mathcal{O}(7; \{6, 3^{14}, 2^{17}\})$	855893400256512
6	$\mathcal{O}(7; \{6, 3^{17}, 2^{13}\})$	6847617387036672
6	$\mathcal{O}(7; \{6, 3^{20}, 2^9\})$	54780468911308800
6	$\mathcal{O}(7; \{6, 3^{23}, 2^5\})$	438244221475454976
6	$\mathcal{O}(7; \{6, 3^{26}, 2\})$	3505953301618655232
6	$\mathcal{O}(7; \{6^2, 2^{34}\})$	156728328192
6	$\mathcal{O}(7; \{6^2, 3^3, 2^{30}\})$	783641640960
6	$\mathcal{O}(7; \{6^2, 3^6, 2^{26}\})$	6739318112256
6	$\mathcal{O}(7; \{6^2, 3^9, 2^{22}\})$	53444359913472
6	$\mathcal{O}(7; \{6^2, 3^{12}, 2^{18}\})$	428025064292352
6	$\mathcal{O}(7; \{6^2, 3^{15}, 2^{14}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^2, 3^{18}, 2^{10}\})$	27390312819818496
6	$\mathcal{O}(7; \{6^2, 3^{21}, 2^6\})$	219122032373563392
6	$\mathcal{O}(7; \{6^2, 3^{24}, 2^2\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^3, 3, 2^{31}\})$	470184984576
6	$\mathcal{O}(7; \{6^3, 3^4, 2^{27}\})$	3291294892032
6	$\mathcal{O}(7; \{6^3, 3^7, 2^{23}\})$	26800544120832
6	$\mathcal{O}(7; \{6^3, 3^{10}, 2^{19}\})$	213934167982080
6	$\mathcal{O}(7; \{6^3, 3^{13}, 2^{15}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^3, 3^{16}, 2^{11}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^3, 3^{19}, 2^7\})$	109561094550945792
6	$\mathcal{O}(7; \{6^3, 3^{22}, 2^3\})$	876488286222581760
6	$\mathcal{O}(7; \{6^4, 3^2, 2^{28}\})$	1724011610112

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{6^4, 3^5, 2^{24}\})$	13321907896320
6	$\mathcal{O}(7; \{6^4, 3^8, 2^{20}\})$	107045448155136
6	$\mathcal{O}(7; \{6^4, 3^{11}, 2^{16}\})$	855893400256512
6	$\mathcal{O}(7; \{6^4, 3^{14}, 2^{12}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^4, 3^{17}, 2^8\})$	54780468911308800
6	$\mathcal{O}(7; \{6^4, 3^{20}, 2^4\})$	438244221475454976
6	$\mathcal{O}(7; \{6^4, 3^{23}\})$	3505953301618655232
6	$\mathcal{O}(7; \{6^5, 2^{29}\})$	783641640960
6	$\mathcal{O}(7; \{6^5, 3^3, 2^{25}\})$	6739318112256
6	$\mathcal{O}(7; \{6^5, 3^6, 2^{21}\})$	53444359913472
6	$\mathcal{O}(7; \{6^5, 3^9, 2^{17}\})$	428025064292352
6	$\mathcal{O}(7; \{6^5, 3^{12}, 2^{13}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^5, 3^{15}, 2^9\})$	27390312819818496
6	$\mathcal{O}(7; \{6^5, 3^{18}, 2^5\})$	219122032373563392
6	$\mathcal{O}(7; \{6^5, 3^{21}, 2\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^6, 3, 2^{26}\})$	3291294892032
6	$\mathcal{O}(7; \{6^6, 3^4, 2^{22}\})$	26800544120832
6	$\mathcal{O}(7; \{6^6, 3^7, 2^{18}\})$	213934167982080
6	$\mathcal{O}(7; \{6^6, 3^{10}, 2^{14}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^6, 3^{13}, 2^{10}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^6, 3^{16}, 2^6\})$	109561094550945792
6	$\mathcal{O}(7; \{6^6, 3^{19}, 2^2\})$	876488286222581760
6	$\mathcal{O}(7; \{6^7, 3^2, 2^{23}\})$	13321907896320
6	$\mathcal{O}(7; \{6^7, 3^5, 2^{19}\})$	107045448155136
6	$\mathcal{O}(7; \{6^7, 3^8, 2^{15}\})$	855893400256512
6	$\mathcal{O}(7; \{6^7, 3^{11}, 2^{11}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^7, 3^{14}, 2^7\})$	54780468911308800
6	$\mathcal{O}(7; \{6^7, 3^{17}, 2^3\})$	438244221475454976
6	$\mathcal{O}(7; \{6^8, 2^{24}\})$	6739318112256
6	$\mathcal{O}(7; \{6^8, 3^3, 2^{20}\})$	53444359913472
6	$\mathcal{O}(7; \{6^8, 3^6, 2^{16}\})$	428025064292352
6	$\mathcal{O}(7; \{6^8, 3^9, 2^{12}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^8, 3^{12}, 2^8\})$	27390312819818496
6	$\mathcal{O}(7; \{6^8, 3^{15}, 2^4\})$	219122032373563392
6	$\mathcal{O}(7; \{6^8, 3^{18}\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^9, 3, 2^{21}\})$	26800544120832
6	$\mathcal{O}(7; \{6^9, 3^4, 2^{17}\})$	213934167982080
6	$\mathcal{O}(7; \{6^9, 3^7, 2^{13}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^9, 3^{10}, 2^9\})$	13695078045745152
6	$\mathcal{O}(7; \{6^9, 3^{13}, 2^5\})$	109561094550945792
6	$\mathcal{O}(7; \{6^9, 3^{16}, 2\})$	876488286222581760
6	$\mathcal{O}(7; \{6^{10}, 3^2, 2^{18}\})$	107045448155136
6	$\mathcal{O}(7; \{6^{10}, 3^5, 2^{14}\})$	855893400256512

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{6^{10}, 3^8, 2^{10}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^{10}, 3^{11}, 2^6\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{10}, 3^{14}, 2^2\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{11}, 2^{19}\})$	53444359913472
6	$\mathcal{O}(7; \{6^{11}, 3^3, 2^{15}\})$	428025064292352
6	$\mathcal{O}(7; \{6^{11}, 3^6, 2^{11}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^{11}, 3^9, 2^7\})$	27390312819818496
6	$\mathcal{O}(7; \{6^{11}, 3^{12}, 2^3\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{12}, 3, 2^{16}\})$	213934167982080
6	$\mathcal{O}(7; \{6^{12}, 3^4, 2^{12}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^{12}, 3^7, 2^8\})$	13695078045745152
6	$\mathcal{O}(7; \{6^{12}, 3^{10}, 2^4\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{12}, 3^{13}\})$	876488286222581760
6	$\mathcal{O}(7; \{6^{13}, 3^2, 2^{13}\})$	855893400256512
6	$\mathcal{O}(7; \{6^{13}, 3^5, 2^9\})$	6847617387036672
6	$\mathcal{O}(7; \{6^{13}, 3^8, 2^5\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{13}, 3^{11}, 2\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{14}, 2^{14}\})$	428025064292352
6	$\mathcal{O}(7; \{6^{14}, 3^3, 2^{10}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^{14}, 3^6, 2^6\})$	27390312819818496
6	$\mathcal{O}(7; \{6^{14}, 3^9, 2^2\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{15}, 3, 2^{11}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^{15}, 3^4, 2^7\})$	13695078045745152
6	$\mathcal{O}(7; \{6^{15}, 3^7, 2^3\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{16}, 3^2, 2^8\})$	6847617387036672
6	$\mathcal{O}(7; \{6^{16}, 3^5, 2^4\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{16}, 3^8\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{17}, 2^9\})$	3423730329354240
6	$\mathcal{O}(7; \{6^{17}, 3^3, 2^5\})$	27390312819818496
6	$\mathcal{O}(7; \{6^{17}, 3^6, 2\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{18}, 3, 2^6\})$	13695078045745152
6	$\mathcal{O}(7; \{6^{18}, 3^4, 2^2\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{19}, 3^2, 2^3\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{20}, 2^4\})$	27390312819818496
6	$\mathcal{O}(7; \{6^{20}, 3^3\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{21}, 3, 2\})$	109561094550945792
6	$\mathcal{O}(6; \{3^4, 2^{36}\})$	13060694016
6	$\mathcal{O}(6; \{3^7, 2^{32}\})$	91424858112
6	$\mathcal{O}(6; \{3^{10}, 2^{28}\})$	744459558912
6	$\mathcal{O}(6; \{3^{13}, 2^{24}\})$	5942615777280
6	$\mathcal{O}(6; \{3^{16}, 2^{20}\})$	47553986912256
6	$\mathcal{O}(6; \{3^{19}, 2^{16}\})$	380418834604032
6	$\mathcal{O}(6; \{3^{22}, 2^{12}\})$	3043363737526272

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{3^{25}, 2^8\})$	24346896839516160
6	$\mathcal{O}(6; \{3^{28}, 2^4\})$	194775187776823296
6	$\mathcal{O}(6; \{3^{31}\})$	1557821068868454390
6	$\mathcal{O}(6; \{6, 3^2, 2^{37}\})$	4353564672
6	$\mathcal{O}(6; \{6, 3^5, 2^{33}\})$	47889211392
6	$\mathcal{O}(6; \{6, 3^8, 2^{29}\})$	370052997120
6	$\mathcal{O}(6; \{6, 3^{11}, 2^{25}\})$	2973484670976
6	$\mathcal{O}(6; \{6, 3^{14}, 2^{21}\})$	23774816673792
6	$\mathcal{O}(6; \{6, 3^{17}, 2^{17}\})$	190211594084352
6	$\mathcal{O}(6; \{6, 3^{20}, 2^{13}\})$	1521679691980800
6	$\mathcal{O}(6; \{6, 3^{23}, 2^9\})$	12173450596540416
6	$\mathcal{O}(6; \{6, 3^{26}, 2^5\})$	97387591711629312
6	$\mathcal{O}(6; \{6, 3^{29}, 2\})$	779100746753728512
6	$\mathcal{O}(6; \{6^2, 2^{38}\})$	4353564672
6	$\mathcal{O}(6; \{6^2, 3^3, 2^{34}\})$	21767823360
6	$\mathcal{O}(6; \{6^2, 3^6, 2^{30}\})$	187203280896
6	$\mathcal{O}(6; \{6^2, 3^9, 2^{26}\})$	1484565553152
6	$\mathcal{O}(6; \{6^2, 3^{12}, 2^{22}\})$	11889585119232
6	$\mathcal{O}(6; \{6^2, 3^{15}, 2^{18}\})$	95103620259840
6	$\mathcal{O}(6; \{6^2, 3^{18}, 2^{14}\})$	760842022772736
6	$\mathcal{O}(6; \{6^2, 3^{21}, 2^{10}\})$	6086723121487872
6	$\mathcal{O}(6; \{6^2, 3^{24}, 2^6\})$	48693798032596992
6	$\mathcal{O}(6; \{6^2, 3^{27}, 2^2\})$	389550371200081920
6	$\mathcal{O}(6; \{6^3, 3, 2^{35}\})$	13060694016
6	$\mathcal{O}(6; \{6^3, 3^4, 2^{31}\})$	91424858112
6	$\mathcal{O}(6; \{6^3, 3^7, 2^{27}\})$	744459558912
6	$\mathcal{O}(6; \{6^3, 3^{10}, 2^{23}\})$	5942615777280
6	$\mathcal{O}(6; \{6^3, 3^{13}, 2^{19}\})$	47553986912256
6	$\mathcal{O}(6; \{6^3, 3^{16}, 2^{15}\})$	380418834604032
6	$\mathcal{O}(6; \{6^3, 3^{19}, 2^{11}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^3, 3^{22}, 2^7\})$	24346896839516160
6	$\mathcal{O}(6; \{6^3, 3^{25}, 2^3\})$	194775187776823296
6	$\mathcal{O}(6; \{6^4, 3^2, 2^{32}\})$	47889211392
6	$\mathcal{O}(6; \{6^4, 3^5, 2^{28}\})$	370052997120
6	$\mathcal{O}(6; \{6^4, 3^8, 2^{24}\})$	2973484670976
6	$\mathcal{O}(6; \{6^4, 3^{11}, 2^{20}\})$	23774816673792
6	$\mathcal{O}(6; \{6^4, 3^{14}, 2^{16}\})$	190211594084352
6	$\mathcal{O}(6; \{6^4, 3^{17}, 2^{12}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^4, 3^{20}, 2^8\})$	12173450596540416
6	$\mathcal{O}(6; \{6^4, 3^{23}, 2^4\})$	97387591711629312
6	$\mathcal{O}(6; \{6^4, 3^{26}\})$	779100746753728512
6	$\mathcal{O}(6; \{6^5, 2^{33}\})$	21767823360
6	$\mathcal{O}(6; \{6^5, 3^3, 2^{29}\})$	187203280896

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{6^5, 3^6, 2^{25}\})$	1484565553152
6	$\mathcal{O}(6; \{6^5, 3^9, 2^{21}\})$	11889585119232
6	$\mathcal{O}(6; \{6^5, 3^{12}, 2^{17}\})$	95103620259840
6	$\mathcal{O}(6; \{6^5, 3^{15}, 2^{13}\})$	760842022772736
6	$\mathcal{O}(6; \{6^5, 3^{18}, 2^9\})$	6086723121487872
6	$\mathcal{O}(6; \{6^5, 3^{21}, 2^5\})$	48693798032596992
6	$\mathcal{O}(6; \{6^5, 3^{24}, 2\})$	389550371200081920
6	$\mathcal{O}(6; \{6^6, 3, 2^{30}\})$	91424858112
6	$\mathcal{O}(6; \{6^6, 3^4, 2^{26}\})$	744459558912
6	$\mathcal{O}(6; \{6^6, 3^7, 2^{22}\})$	5942615777280
6	$\mathcal{O}(6; \{6^6, 3^{10}, 2^{18}\})$	47553986912256
6	$\mathcal{O}(6; \{6^6, 3^{13}, 2^{14}\})$	380418834604032
6	$\mathcal{O}(6; \{6^6, 3^{16}, 2^{10}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^6, 3^{19}, 2^6\})$	24346896839516160
6	$\mathcal{O}(6; \{6^6, 3^{22}, 2^2\})$	194775187776823296
6	$\mathcal{O}(6; \{6^7, 3^2, 2^{27}\})$	370052997120
6	$\mathcal{O}(6; \{6^7, 3^5, 2^{23}\})$	2973484670976
6	$\mathcal{O}(6; \{6^7, 3^8, 2^{19}\})$	23774816673792
6	$\mathcal{O}(6; \{6^7, 3^{11}, 2^{15}\})$	190211594084352
6	$\mathcal{O}(6; \{6^7, 3^{14}, 2^{11}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^7, 3^{17}, 2^7\})$	12173450596540416
6	$\mathcal{O}(6; \{6^7, 3^{20}, 2^3\})$	97387591711629312
6	$\mathcal{O}(6; \{6^8, 2^{28}\})$	187203280896
6	$\mathcal{O}(6; \{6^8, 3^3, 2^{24}\})$	1484565553152
6	$\mathcal{O}(6; \{6^8, 3^6, 2^{20}\})$	11889585119232
6	$\mathcal{O}(6; \{6^8, 3^9, 2^{16}\})$	95103620259840
6	$\mathcal{O}(6; \{6^8, 3^{12}, 2^{12}\})$	760842022772736
6	$\mathcal{O}(6; \{6^8, 3^{15}, 2^8\})$	6086723121487872
6	$\mathcal{O}(6; \{6^8, 3^{18}, 2^4\})$	48693798032596992
6	$\mathcal{O}(6; \{6^8, 3^{21}\})$	389550371200081920
6	$\mathcal{O}(6; \{6^9, 3, 2^{25}\})$	744459558912
6	$\mathcal{O}(6; \{6^9, 3^4, 2^{21}\})$	5942615777280
6	$\mathcal{O}(6; \{6^9, 3^7, 2^{17}\})$	47553986912256
6	$\mathcal{O}(6; \{6^9, 3^{10}, 2^{13}\})$	380418834604032
6	$\mathcal{O}(6; \{6^9, 3^{13}, 2^9\})$	3043363737526272
6	$\mathcal{O}(6; \{6^9, 3^{16}, 2^5\})$	24346896839516160
6	$\mathcal{O}(6; \{6^9, 3^{19}, 2\})$	194775187776823296
6	$\mathcal{O}(6; \{6^{10}, 3^2, 2^{22}\})$	2973484670976
6	$\mathcal{O}(6; \{6^{10}, 3^5, 2^{18}\})$	23774816673792
6	$\mathcal{O}(6; \{6^{10}, 3^8, 2^{14}\})$	190211594084352
6	$\mathcal{O}(6; \{6^{10}, 3^{11}, 2^{10}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{10}, 3^{14}, 2^6\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{10}, 3^{17}, 2^2\})$	97387591711629312

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{6^{11}, 2^{23}\})$	1484565553152
6	$\mathcal{O}(6; \{6^{11}, 3^3, 2^{19}\})$	11889585119232
6	$\mathcal{O}(6; \{6^{11}, 3^6, 2^{15}\})$	95103620259840
6	$\mathcal{O}(6; \{6^{11}, 3^9, 2^{11}\})$	760842022772736
6	$\mathcal{O}(6; \{6^{11}, 3^{12}, 2^7\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{11}, 3^{15}, 2^3\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{12}, 3, 2^{20}\})$	5942615777280
6	$\mathcal{O}(6; \{6^{12}, 3^4, 2^{16}\})$	47553986912256
6	$\mathcal{O}(6; \{6^{12}, 3^7, 2^{12}\})$	380418834604032
6	$\mathcal{O}(6; \{6^{12}, 3^{10}, 2^8\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{12}, 3^{13}, 2^4\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{12}, 3^{16}\})$	194775187776823296
6	$\mathcal{O}(6; \{6^{13}, 3^2, 2^{17}\})$	23774816673792
6	$\mathcal{O}(6; \{6^{13}, 3^5, 2^{13}\})$	190211594084352
6	$\mathcal{O}(6; \{6^{13}, 3^8, 2^9\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{13}, 3^{11}, 2^5\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{13}, 3^{14}, 2\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{14}, 2^{18}\})$	11889585119232
6	$\mathcal{O}(6; \{6^{14}, 3^3, 2^{14}\})$	95103620259840
6	$\mathcal{O}(6; \{6^{14}, 3^6, 2^{10}\})$	760842022772736
6	$\mathcal{O}(6; \{6^{14}, 3^9, 2^6\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{14}, 3^{12}, 2^2\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{15}, 3, 2^{15}\})$	47553986912256
6	$\mathcal{O}(6; \{6^{15}, 3^4, 2^{11}\})$	380418834604032
6	$\mathcal{O}(6; \{6^{15}, 3^7, 2^7\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{15}, 3^{10}, 2^3\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{16}, 3^2, 2^{12}\})$	190211594084352
6	$\mathcal{O}(6; \{6^{16}, 3^5, 2^8\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{16}, 3^8, 2^4\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{16}, 3^{11}\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{17}, 2^{13}\})$	95103620259840
6	$\mathcal{O}(6; \{6^{17}, 3^3, 2^9\})$	760842022772736
6	$\mathcal{O}(6; \{6^{17}, 3^6, 2^5\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{17}, 3^9, 2\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{18}, 3, 2^{10}\})$	380418834604032
6	$\mathcal{O}(6; \{6^{18}, 3^4, 2^6\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{18}, 3^7, 2^2\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{19}, 3^2, 2^7\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{19}, 3^5, 2^3\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{20}, 2^8\})$	760842022772736
6	$\mathcal{O}(6; \{6^{20}, 3^3, 2^4\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{20}, 3^6\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{21}, 3, 2^5\})$	3043363737526272

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{6^{21}, 3^4, 2\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{22}, 3^2, 2^2\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{23}, 2^3\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{24}, 3\})$	24346896839516160
6	$\mathcal{O}(5; \{3^4, 2^{40}\})$	362797056
6	$\mathcal{O}(5; \{3^7, 2^{36}\})$	2539579392
6	$\mathcal{O}(5; \{3^{10}, 2^{32}\})$	20679432192
6	$\mathcal{O}(5; \{3^{13}, 2^{28}\})$	165072660480
6	$\mathcal{O}(5; \{3^{16}, 2^{24}\})$	1320944080896
6	$\mathcal{O}(5; \{3^{19}, 2^{20}\})$	10567189850112
6	$\mathcal{O}(5; \{3^{22}, 2^{16}\})$	84537881597952
6	$\mathcal{O}(5; \{3^{25}, 2^{12}\})$	676302689986560
6	$\mathcal{O}(5; \{3^{28}, 2^8\})$	5410421882689536
6	$\mathcal{O}(5; \{3^{31}, 2^4\})$	43283374698719232
6	$\mathcal{O}(5; \{3^{34}\})$	345928846587362874
6	$\mathcal{O}(5; \{6, 3^2, 2^{41}\})$	120932352
6	$\mathcal{O}(5; \{6, 3^5, 2^{37}\})$	1330255872
6	$\mathcal{O}(5; \{6, 3^8, 2^{33}\})$	10279249920
6	$\mathcal{O}(5; \{6, 3^{11}, 2^{29}\})$	82596796416
6	$\mathcal{O}(5; \{6, 3^{14}, 2^{25}\})$	660411574272
6	$\mathcal{O}(5; \{6, 3^{17}, 2^{21}\})$	5283655391232
6	$\mathcal{O}(5; \{6, 3^{20}, 2^{17}\})$	42268880332800
6	$\mathcal{O}(5; \{6, 3^{23}, 2^{13}\})$	338151405459456
6	$\mathcal{O}(5; \{6, 3^{26}, 2^9\})$	2705210880878592
6	$\mathcal{O}(5; \{6, 3^{29}, 2^5\})$	21641687409825792
6	$\mathcal{O}(5; \{6, 3^{32}, 2\})$	173133498915809280
6	$\mathcal{O}(5; \{6^2, 2^{42}\})$	120932352
6	$\mathcal{O}(5; \{6^2, 3^3, 2^{38}\})$	604661760
6	$\mathcal{O}(5; \{6^2, 3^6, 2^{34}\})$	5200091136
6	$\mathcal{O}(5; \{6^2, 3^9, 2^{30}\})$	41237932032
6	$\mathcal{O}(5; \{6^2, 3^{12}, 2^{26}\})$	330266253312
6	$\mathcal{O}(5; \{6^2, 3^{15}, 2^{22}\})$	2641767229440
6	$\mathcal{O}(5; \{6^2, 3^{18}, 2^{18}\})$	21134500632576
6	$\mathcal{O}(5; \{6^2, 3^{21}, 2^{14}\})$	169075642263552
6	$\mathcal{O}(5; \{6^2, 3^{24}, 2^{10}\})$	1352605500905472
6	$\mathcal{O}(5; \{6^2, 3^{27}, 2^6\})$	10820843644446720
6	$\mathcal{O}(5; \{6^2, 3^{30}, 2^2\})$	86566749518370816
6	$\mathcal{O}(5; \{6^3, 3, 2^{39}\})$	362797056
6	$\mathcal{O}(5; \{6^3, 3^4, 2^{35}\})$	2539579392
6	$\mathcal{O}(5; \{6^3, 3^7, 2^{31}\})$	20679432192
6	$\mathcal{O}(5; \{6^3, 3^{10}, 2^{27}\})$	165072660480
6	$\mathcal{O}(5; \{6^3, 3^{13}, 2^{23}\})$	1320944080896
6	$\mathcal{O}(5; \{6^3, 3^{16}, 2^{19}\})$	10567189850112

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6^3, 3^{19}, 2^{15}\})$	84537881597952
6	$\mathcal{O}(5; \{6^3, 3^{22}, 2^{11}\})$	676302689986560
6	$\mathcal{O}(5; \{6^3, 3^{25}, 2^7\})$	5410421882689536
6	$\mathcal{O}(5; \{6^3, 3^{28}, 2^3\})$	43283374698719232
6	$\mathcal{O}(5; \{6^4, 3^2, 2^{36}\})$	1330255872
6	$\mathcal{O}(5; \{6^4, 3^5, 2^{32}\})$	10279249920
6	$\mathcal{O}(5; \{6^4, 3^8, 2^{28}\})$	82596796416
6	$\mathcal{O}(5; \{6^4, 3^{11}, 2^{24}\})$	660411574272
6	$\mathcal{O}(5; \{6^4, 3^{14}, 2^{20}\})$	5283655391232
6	$\mathcal{O}(5; \{6^4, 3^{17}, 2^{16}\})$	42268880332800
6	$\mathcal{O}(5; \{6^4, 3^{20}, 2^{12}\})$	338151405459456
6	$\mathcal{O}(5; \{6^4, 3^{23}, 2^8\})$	2705210880878592
6	$\mathcal{O}(5; \{6^4, 3^{26}, 2^4\})$	21641687409825792
6	$\mathcal{O}(5; \{6^4, 3^{29}\})$	173133498915809280
6	$\mathcal{O}(5; \{6^5, 2^{37}\})$	604661760
6	$\mathcal{O}(5; \{6^5, 3^3, 2^{33}\})$	5200091136
6	$\mathcal{O}(5; \{6^5, 3^6, 2^{29}\})$	41237932032
6	$\mathcal{O}(5; \{6^5, 3^9, 2^{25}\})$	330266253312
6	$\mathcal{O}(5; \{6^5, 3^{12}, 2^{21}\})$	2641767229440
6	$\mathcal{O}(5; \{6^5, 3^{15}, 2^{17}\})$	21134500632576
6	$\mathcal{O}(5; \{6^5, 3^{18}, 2^{13}\})$	169075642263552
6	$\mathcal{O}(5; \{6^5, 3^{21}, 2^9\})$	1352605500905472
6	$\mathcal{O}(5; \{6^5, 3^{24}, 2^5\})$	10820843644446720
6	$\mathcal{O}(5; \{6^5, 3^{27}, 2\})$	86566749518370816
6	$\mathcal{O}(5; \{6^6, 3, 2^{34}\})$	2539579392
6	$\mathcal{O}(5; \{6^6, 3^4, 2^{30}\})$	20679432192
6	$\mathcal{O}(5; \{6^6, 3^7, 2^{26}\})$	165072660480
6	$\mathcal{O}(5; \{6^6, 3^{10}, 2^{22}\})$	1320944080896
6	$\mathcal{O}(5; \{6^6, 3^{13}, 2^{18}\})$	10567189850112
6	$\mathcal{O}(5; \{6^6, 3^{16}, 2^{14}\})$	84537881597952
6	$\mathcal{O}(5; \{6^6, 3^{19}, 2^{10}\})$	676302689986560
6	$\mathcal{O}(5; \{6^6, 3^{22}, 2^6\})$	5410421882689536
6	$\mathcal{O}(5; \{6^6, 3^{25}, 2^2\})$	43283374698719232
6	$\mathcal{O}(5; \{6^7, 3^2, 2^{31}\})$	10279249920
6	$\mathcal{O}(5; \{6^7, 3^5, 2^{27}\})$	82596796416
6	$\mathcal{O}(5; \{6^7, 3^8, 2^{23}\})$	660411574272
6	$\mathcal{O}(5; \{6^7, 3^{11}, 2^{19}\})$	5283655391232
6	$\mathcal{O}(5; \{6^7, 3^{14}, 2^{15}\})$	42268880332800
6	$\mathcal{O}(5; \{6^7, 3^{17}, 2^{11}\})$	338151405459456
6	$\mathcal{O}(5; \{6^7, 3^{20}, 2^7\})$	2705210880878592
6	$\mathcal{O}(5; \{6^7, 3^{23}, 2^3\})$	21641687409825792
6	$\mathcal{O}(5; \{6^8, 2^{32}\})$	5200091136
6	$\mathcal{O}(5; \{6^8, 3^3, 2^{28}\})$	41237932032

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6^8, 3^6, 2^{24}\})$	330266253312
6	$\mathcal{O}(5; \{6^8, 3^9, 2^{20}\})$	2641767229440
6	$\mathcal{O}(5; \{6^8, 3^{12}, 2^{16}\})$	21134500632576
6	$\mathcal{O}(5; \{6^8, 3^{15}, 2^{12}\})$	169075642263552
6	$\mathcal{O}(5; \{6^8, 3^{18}, 2^8\})$	1352605500905472
6	$\mathcal{O}(5; \{6^8, 3^{21}, 2^4\})$	10820843644446720
6	$\mathcal{O}(5; \{6^8, 3^{24}\})$	86566749518370816
6	$\mathcal{O}(5; \{6^9, 3, 2^{29}\})$	20679432192
6	$\mathcal{O}(5; \{6^9, 3^4, 2^{25}\})$	165072660480
6	$\mathcal{O}(5; \{6^9, 3^7, 2^{21}\})$	1320944080896
6	$\mathcal{O}(5; \{6^9, 3^{10}, 2^{17}\})$	10567189850112
6	$\mathcal{O}(5; \{6^9, 3^{13}, 2^{13}\})$	84537881597952
6	$\mathcal{O}(5; \{6^9, 3^{16}, 2^9\})$	676302689986560
6	$\mathcal{O}(5; \{6^9, 3^{19}, 2^5\})$	5410421882689536
6	$\mathcal{O}(5; \{6^9, 3^{22}, 2\})$	43283374698719232
6	$\mathcal{O}(5; \{6^{10}, 3^2, 2^{26}\})$	82596796416
6	$\mathcal{O}(5; \{6^{10}, 3^5, 2^{22}\})$	660411574272
6	$\mathcal{O}(5; \{6^{10}, 3^8, 2^{18}\})$	5283655391232
6	$\mathcal{O}(5; \{6^{10}, 3^{11}, 2^{14}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{10}, 3^{14}, 2^{10}\})$	338151405459456
6	$\mathcal{O}(5; \{6^{10}, 3^{17}, 2^6\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{10}, 3^{20}, 2^2\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{11}, 2^{27}\})$	41237932032
6	$\mathcal{O}(5; \{6^{11}, 3^3, 2^{23}\})$	330266253312
6	$\mathcal{O}(5; \{6^{11}, 3^6, 2^{19}\})$	2641767229440
6	$\mathcal{O}(5; \{6^{11}, 3^9, 2^{15}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{11}, 3^{12}, 2^{11}\})$	169075642263552
6	$\mathcal{O}(5; \{6^{11}, 3^{15}, 2^7\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{11}, 3^{18}, 2^3\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{12}, 3, 2^{24}\})$	165072660480
6	$\mathcal{O}(5; \{6^{12}, 3^4, 2^{20}\})$	1320944080896
6	$\mathcal{O}(5; \{6^{12}, 3^7, 2^{16}\})$	10567189850112
6	$\mathcal{O}(5; \{6^{12}, 3^{10}, 2^{12}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{12}, 3^{13}, 2^8\})$	676302689986560
6	$\mathcal{O}(5; \{6^{12}, 3^{16}, 2^4\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{12}, 3^{19}\})$	43283374698719232
6	$\mathcal{O}(5; \{6^{13}, 3^2, 2^{21}\})$	660411574272
6	$\mathcal{O}(5; \{6^{13}, 3^5, 2^{17}\})$	5283655391232
6	$\mathcal{O}(5; \{6^{13}, 3^8, 2^{13}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{13}, 3^{11}, 2^9\})$	338151405459456
6	$\mathcal{O}(5; \{6^{13}, 3^{14}, 2^5\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{13}, 3^{17}, 2\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{14}, 2^{22}\})$	330266253312

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6^{14}, 3^3, 2^{18}\})$	2641767229440
6	$\mathcal{O}(5; \{6^{14}, 3^6, 2^{14}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{14}, 3^9, 2^{10}\})$	169075642263552
6	$\mathcal{O}(5; \{6^{14}, 3^{12}, 2^6\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{14}, 3^{15}, 2^2\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{15}, 3, 2^{19}\})$	1320944080896
6	$\mathcal{O}(5; \{6^{15}, 3^4, 2^{15}\})$	10567189850112
6	$\mathcal{O}(5; \{6^{15}, 3^7, 2^{11}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{15}, 3^{10}, 2^7\})$	676302689986560
6	$\mathcal{O}(5; \{6^{15}, 3^{13}, 2^3\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{16}, 3^2, 2^{16}\})$	5283655391232
6	$\mathcal{O}(5; \{6^{16}, 3^5, 2^{12}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{16}, 3^8, 2^8\})$	338151405459456
6	$\mathcal{O}(5; \{6^{16}, 3^{11}, 2^4\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{16}, 3^{14}\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{17}, 2^{17}\})$	2641767229440
6	$\mathcal{O}(5; \{6^{17}, 3^3, 2^{13}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{17}, 3^6, 2^9\})$	169075642263552
6	$\mathcal{O}(5; \{6^{17}, 3^9, 2^5\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{17}, 3^{12}, 2\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{18}, 3, 2^{14}\})$	10567189850112
6	$\mathcal{O}(5; \{6^{18}, 3^4, 2^{10}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{18}, 3^7, 2^6\})$	676302689986560
6	$\mathcal{O}(5; \{6^{18}, 3^{10}, 2^2\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{19}, 3^2, 2^{11}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{19}, 3^5, 2^7\})$	338151405459456
6	$\mathcal{O}(5; \{6^{19}, 3^8, 2^3\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{20}, 2^{12}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{20}, 3^3, 2^8\})$	169075642263552
6	$\mathcal{O}(5; \{6^{20}, 3^6, 2^4\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{20}, 3^9\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{21}, 3, 2^9\})$	84537881597952
6	$\mathcal{O}(5; \{6^{21}, 3^4, 2^5\})$	676302689986560
6	$\mathcal{O}(5; \{6^{21}, 3^7, 2\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{22}, 3^2, 2^6\})$	338151405459456
6	$\mathcal{O}(5; \{6^{22}, 3^5, 2^2\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{23}, 2^7\})$	169075642263552
6	$\mathcal{O}(5; \{6^{23}, 3^3, 2^3\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{24}, 3, 2^4\})$	676302689986560
6	$\mathcal{O}(5; \{6^{24}, 3^4\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{25}, 3^2, 2\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{26}, 2^2\})$	1352605500905472
6	$\mathcal{O}(4; \{3^4, 2^{44}\})$	10077696

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{3^7, 2^{40}\})$	70543872
6	$\mathcal{O}(4; \{3^{10}, 2^{36}\})$	574428672
6	$\mathcal{O}(4; \{3^{13}, 2^{32}\})$	4585351680
6	$\mathcal{O}(4; \{3^{16}, 2^{28}\})$	36692891136
6	$\mathcal{O}(4; \{3^{19}, 2^{24}\})$	293533051392
6	$\mathcal{O}(4; \{3^{22}, 2^{20}\})$	2348274488832
6	$\mathcal{O}(4; \{3^{25}, 2^{16}\})$	18786185832960
6	$\mathcal{O}(4; \{3^{28}, 2^{12}\})$	150289496741376
6	$\mathcal{O}(4; \{3^{31}, 2^8\})$	1202315963853312
6	$\mathcal{O}(4; \{3^{34}, 2^4\})$	9618527720904192
6	$\mathcal{O}(4; \{3^{37}\})$	76647642765916950
6	$\mathcal{O}(4; \{6, 3^2, 2^{45}\})$	3359232
6	$\mathcal{O}(4; \{6, 3^5, 2^{41}\})$	36951552
6	$\mathcal{O}(4; \{6, 3^8, 2^{37}\})$	285534720
6	$\mathcal{O}(4; \{6, 3^{11}, 2^{33}\})$	2294355456
6	$\mathcal{O}(4; \{6, 3^{14}, 2^{29}\})$	18344765952
6	$\mathcal{O}(4; \{6, 3^{17}, 2^{25}\})$	146768205312
6	$\mathcal{O}(4; \{6, 3^{20}, 2^{21}\})$	1174135564800
6	$\mathcal{O}(4; \{6, 3^{23}, 2^{17}\})$	9393094596096
6	$\mathcal{O}(4; \{6, 3^{26}, 2^{13}\})$	75144746691072
6	$\mathcal{O}(4; \{6, 3^{29}, 2^9\})$	601157983606272
6	$\mathcal{O}(4; \{6, 3^{32}, 2^5\})$	4809263858772480
6	$\mathcal{O}(4; \{6, 3^{35}, 2\})$	38474110880257536
6	$\mathcal{O}(4; \{6^2, 2^{46}\})$	3359232
6	$\mathcal{O}(4; \{6^2, 3^3, 2^{42}\})$	16796160
6	$\mathcal{O}(4; \{6^2, 3^6, 2^{38}\})$	144446976
6	$\mathcal{O}(4; \{6^2, 3^9, 2^{34}\})$	1145498112
6	$\mathcal{O}(4; \{6^2, 3^{12}, 2^{30}\})$	9174062592
6	$\mathcal{O}(4; \{6^2, 3^{15}, 2^{26}\})$	73382423040
6	$\mathcal{O}(4; \{6^2, 3^{18}, 2^{22}\})$	587069462016
6	$\mathcal{O}(4; \{6^2, 3^{21}, 2^{18}\})$	4696545618432
6	$\mathcal{O}(4; \{6^2, 3^{24}, 2^{14}\})$	37572375025152
6	$\mathcal{O}(4; \{6^2, 3^{27}, 2^{10}\})$	300578990123520
6	$\mathcal{O}(4; \{6^2, 3^{30}, 2^6\})$	2404631931065856
6	$\mathcal{O}(4; \{6^2, 3^{33}, 2^2\})$	19237055438449152
6	$\mathcal{O}(4; \{6^3, 3, 2^{43}\})$	10077696
6	$\mathcal{O}(4; \{6^3, 3^4, 2^{39}\})$	70543872
6	$\mathcal{O}(4; \{6^3, 3^7, 2^{35}\})$	574428672
6	$\mathcal{O}(4; \{6^3, 3^{10}, 2^{31}\})$	4585351680
6	$\mathcal{O}(4; \{6^3, 3^{13}, 2^{27}\})$	36692891136
6	$\mathcal{O}(4; \{6^3, 3^{16}, 2^{23}\})$	293533051392
6	$\mathcal{O}(4; \{6^3, 3^{19}, 2^{19}\})$	2348274488832
6	$\mathcal{O}(4; \{6^3, 3^{22}, 2^{15}\})$	18786185832960

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^3, 3^{25}, 2^{11}\})$	150289496741376
6	$\mathcal{O}(4; \{6^3, 3^{28}, 2^7\})$	1202315963853312
6	$\mathcal{O}(4; \{6^3, 3^{31}, 2^3\})$	9618527720904192
6	$\mathcal{O}(4; \{6^4, 3^2, 2^{40}\})$	36951552
6	$\mathcal{O}(4; \{6^4, 3^5, 2^{36}\})$	285534720
6	$\mathcal{O}(4; \{6^4, 3^8, 2^{32}\})$	2294355456
6	$\mathcal{O}(4; \{6^4, 3^{11}, 2^{28}\})$	18344765952
6	$\mathcal{O}(4; \{6^4, 3^{14}, 2^{24}\})$	146768205312
6	$\mathcal{O}(4; \{6^4, 3^{17}, 2^{20}\})$	1174135564800
6	$\mathcal{O}(4; \{6^4, 3^{20}, 2^{16}\})$	9393094596096
6	$\mathcal{O}(4; \{6^4, 3^{23}, 2^{12}\})$	75144746691072
6	$\mathcal{O}(4; \{6^4, 3^{26}, 2^8\})$	601157983606272
6	$\mathcal{O}(4; \{6^4, 3^{29}, 2^4\})$	4809263858772480
6	$\mathcal{O}(4; \{6^4, 3^{32}\})$	38474110880257536
6	$\mathcal{O}(4; \{6^5, 2^{41}\})$	16796160
6	$\mathcal{O}(4; \{6^5, 3^3, 2^{37}\})$	144446976
6	$\mathcal{O}(4; \{6^5, 3^6, 2^{33}\})$	1145498112
6	$\mathcal{O}(4; \{6^5, 3^9, 2^{29}\})$	9174062592
6	$\mathcal{O}(4; \{6^5, 3^{12}, 2^{25}\})$	73382423040
6	$\mathcal{O}(4; \{6^5, 3^{15}, 2^{21}\})$	587069462016
6	$\mathcal{O}(4; \{6^5, 3^{18}, 2^{17}\})$	4696545618432
6	$\mathcal{O}(4; \{6^5, 3^{21}, 2^{13}\})$	37572375025152
6	$\mathcal{O}(4; \{6^5, 3^{24}, 2^9\})$	300578990123520
6	$\mathcal{O}(4; \{6^5, 3^{27}, 2^5\})$	2404631931065856
6	$\mathcal{O}(4; \{6^5, 3^{30}, 2\})$	19237055438449152
6	$\mathcal{O}(4; \{6^6, 3, 2^{38}\})$	70543872
6	$\mathcal{O}(4; \{6^6, 3^4, 2^{34}\})$	574428672
6	$\mathcal{O}(4; \{6^6, 3^7, 2^{30}\})$	4585351680
6	$\mathcal{O}(4; \{6^6, 3^{10}, 2^{26}\})$	36692891136
6	$\mathcal{O}(4; \{6^6, 3^{13}, 2^{22}\})$	293533051392
6	$\mathcal{O}(4; \{6^6, 3^{16}, 2^{18}\})$	2348274488832
6	$\mathcal{O}(4; \{6^6, 3^{19}, 2^{14}\})$	18786185832960
6	$\mathcal{O}(4; \{6^6, 3^{22}, 2^{10}\})$	150289496741376
6	$\mathcal{O}(4; \{6^6, 3^{25}, 2^6\})$	1202315963853312
6	$\mathcal{O}(4; \{6^6, 3^{28}, 2^2\})$	9618527720904192
6	$\mathcal{O}(4; \{6^7, 3^2, 2^{35}\})$	285534720
6	$\mathcal{O}(4; \{6^7, 3^5, 2^{31}\})$	2294355456
6	$\mathcal{O}(4; \{6^7, 3^8, 2^{27}\})$	18344765952
6	$\mathcal{O}(4; \{6^7, 3^{11}, 2^{23}\})$	146768205312
6	$\mathcal{O}(4; \{6^7, 3^{14}, 2^{19}\})$	1174135564800
6	$\mathcal{O}(4; \{6^7, 3^{17}, 2^{15}\})$	9393094596096
6	$\mathcal{O}(4; \{6^7, 3^{20}, 2^{11}\})$	75144746691072
6	$\mathcal{O}(4; \{6^7, 3^{23}, 2^7\})$	601157983606272

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^7, 3^{26}, 2^3\})$	4809263858772480
6	$\mathcal{O}(4; \{6^8, 2^{36}\})$	144446976
6	$\mathcal{O}(4; \{6^8, 3^3, 2^{32}\})$	1145498112
6	$\mathcal{O}(4; \{6^8, 3^6, 2^{28}\})$	9174062592
6	$\mathcal{O}(4; \{6^8, 3^9, 2^{24}\})$	73382423040
6	$\mathcal{O}(4; \{6^8, 3^{12}, 2^{20}\})$	587069462016
6	$\mathcal{O}(4; \{6^8, 3^{15}, 2^{16}\})$	4696545618432
6	$\mathcal{O}(4; \{6^8, 3^{18}, 2^{12}\})$	37572375025152
6	$\mathcal{O}(4; \{6^8, 3^{21}, 2^8\})$	300578990123520
6	$\mathcal{O}(4; \{6^8, 3^{24}, 2^4\})$	2404631931065856
6	$\mathcal{O}(4; \{6^8, 3^{27}\})$	19237055438449152
6	$\mathcal{O}(4; \{6^9, 3, 2^{33}\})$	574428672
6	$\mathcal{O}(4; \{6^9, 3^4, 2^{29}\})$	4585351680
6	$\mathcal{O}(4; \{6^9, 3^7, 2^{25}\})$	36692891136
6	$\mathcal{O}(4; \{6^9, 3^{10}, 2^{21}\})$	293533051392
6	$\mathcal{O}(4; \{6^9, 3^{13}, 2^{17}\})$	2348274488832
6	$\mathcal{O}(4; \{6^9, 3^{16}, 2^{13}\})$	18786185832960
6	$\mathcal{O}(4; \{6^9, 3^{19}, 2^9\})$	150289496741376
6	$\mathcal{O}(4; \{6^9, 3^{22}, 2^5\})$	1202315963853312
6	$\mathcal{O}(4; \{6^9, 3^{25}, 2\})$	9618527720904192
6	$\mathcal{O}(4; \{6^{10}, 3^2, 2^{30}\})$	2294355456
6	$\mathcal{O}(4; \{6^{10}, 3^5, 2^{26}\})$	18344765952
6	$\mathcal{O}(4; \{6^{10}, 3^8, 2^{22}\})$	146768205312
6	$\mathcal{O}(4; \{6^{10}, 3^{11}, 2^{18}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{10}, 3^{14}, 2^{14}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{10}, 3^{17}, 2^{10}\})$	75144746691072
6	$\mathcal{O}(4; \{6^{10}, 3^{20}, 2^6\})$	601157983606272
6	$\mathcal{O}(4; \{6^{10}, 3^{23}, 2^2\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{11}, 2^{31}\})$	1145498112
6	$\mathcal{O}(4; \{6^{11}, 3^3, 2^{27}\})$	9174062592
6	$\mathcal{O}(4; \{6^{11}, 3^6, 2^{23}\})$	73382423040
6	$\mathcal{O}(4; \{6^{11}, 3^9, 2^{19}\})$	587069462016
6	$\mathcal{O}(4; \{6^{11}, 3^{12}, 2^{15}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{11}, 3^{15}, 2^{11}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{11}, 3^{18}, 2^7\})$	300578990123520
6	$\mathcal{O}(4; \{6^{11}, 3^{21}, 2^3\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{12}, 3, 2^{28}\})$	4585351680
6	$\mathcal{O}(4; \{6^{12}, 3^4, 2^{24}\})$	36692891136
6	$\mathcal{O}(4; \{6^{12}, 3^7, 2^{20}\})$	293533051392
6	$\mathcal{O}(4; \{6^{12}, 3^{10}, 2^{16}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{12}, 3^{13}, 2^{12}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{12}, 3^{16}, 2^8\})$	150289496741376
6	$\mathcal{O}(4; \{6^{12}, 3^{19}, 2^4\})$	1202315963853312

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^{12}, 3^{22}\})$	9618527720904192
6	$\mathcal{O}(4; \{6^{13}, 3^2, 2^{25}\})$	18344765952
6	$\mathcal{O}(4; \{6^{13}, 3^5, 2^{21}\})$	146768205312
6	$\mathcal{O}(4; \{6^{13}, 3^8, 2^{17}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{13}, 3^{11}, 2^{13}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{13}, 3^{14}, 2^9\})$	75144746691072
6	$\mathcal{O}(4; \{6^{13}, 3^{17}, 2^5\})$	601157983606272
6	$\mathcal{O}(4; \{6^{13}, 3^{20}, 2\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{14}, 2^{26}\})$	9174062592
6	$\mathcal{O}(4; \{6^{14}, 3^3, 2^{22}\})$	73382423040
6	$\mathcal{O}(4; \{6^{14}, 3^6, 2^{18}\})$	587069462016
6	$\mathcal{O}(4; \{6^{14}, 3^9, 2^{14}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{14}, 3^{12}, 2^{10}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{14}, 3^{15}, 2^6\})$	300578990123520
6	$\mathcal{O}(4; \{6^{14}, 3^{18}, 2^2\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{15}, 3, 2^{23}\})$	36692891136
6	$\mathcal{O}(4; \{6^{15}, 3^4, 2^{19}\})$	293533051392
6	$\mathcal{O}(4; \{6^{15}, 3^7, 2^{15}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{15}, 3^{10}, 2^{11}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{15}, 3^{13}, 2^7\})$	150289496741376
6	$\mathcal{O}(4; \{6^{15}, 3^{16}, 2^3\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{16}, 3^2, 2^{20}\})$	146768205312
6	$\mathcal{O}(4; \{6^{16}, 3^5, 2^{16}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{16}, 3^8, 2^{12}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{16}, 3^{11}, 2^8\})$	75144746691072
6	$\mathcal{O}(4; \{6^{16}, 3^{14}, 2^4\})$	601157983606272
6	$\mathcal{O}(4; \{6^{16}, 3^{17}\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{17}, 2^{21}\})$	73382423040
6	$\mathcal{O}(4; \{6^{17}, 3^3, 2^{17}\})$	587069462016
6	$\mathcal{O}(4; \{6^{17}, 3^6, 2^{13}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{17}, 3^9, 2^9\})$	37572375025152
6	$\mathcal{O}(4; \{6^{17}, 3^{12}, 2^5\})$	300578990123520
6	$\mathcal{O}(4; \{6^{17}, 3^{15}, 2\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{18}, 3, 2^{18}\})$	293533051392
6	$\mathcal{O}(4; \{6^{18}, 3^4, 2^{14}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{18}, 3^7, 2^{10}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{18}, 3^{10}, 2^6\})$	150289496741376
6	$\mathcal{O}(4; \{6^{18}, 3^{13}, 2^2\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{19}, 3^2, 2^{15}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{19}, 3^5, 2^{11}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{19}, 3^8, 2^7\})$	75144746691072
6	$\mathcal{O}(4; \{6^{19}, 3^{11}, 2^3\})$	601157983606272
6	$\mathcal{O}(4; \{6^{20}, 2^{16}\})$	587069462016

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^{20}, 3^3, 2^{12}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{20}, 3^6, 2^8\})$	37572375025152
6	$\mathcal{O}(4; \{6^{20}, 3^9, 2^4\})$	300578990123520
6	$\mathcal{O}(4; \{6^{20}, 3^{12}\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{21}, 3, 2^{13}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{21}, 3^4, 2^9\})$	18786185832960
6	$\mathcal{O}(4; \{6^{21}, 3^7, 2^5\})$	150289496741376
6	$\mathcal{O}(4; \{6^{21}, 3^{10}, 2\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{22}, 3^2, 2^{10}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{22}, 3^5, 2^6\})$	75144746691072
6	$\mathcal{O}(4; \{6^{22}, 3^8, 2^2\})$	601157983606272
6	$\mathcal{O}(4; \{6^{23}, 2^{11}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{23}, 3^3, 2^7\})$	37572375025152
6	$\mathcal{O}(4; \{6^{23}, 3^6, 2^3\})$	300578990123520
6	$\mathcal{O}(4; \{6^{24}, 3, 2^8\})$	18786185832960
6	$\mathcal{O}(4; \{6^{24}, 3^4, 2^4\})$	150289496741376
6	$\mathcal{O}(4; \{6^{24}, 3^7\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{25}, 3^2, 2^5\})$	75144746691072
6	$\mathcal{O}(4; \{6^{25}, 3^5, 2\})$	601157983606272
6	$\mathcal{O}(4; \{6^{26}, 2^6\})$	37572375025152
6	$\mathcal{O}(4; \{6^{26}, 3^3, 2^2\})$	300578990123520
6	$\mathcal{O}(4; \{6^{27}, 3, 2^3\})$	150289496741376
6	$\mathcal{O}(4; \{6^{28}, 3^2\})$	601157983606272
6	$\mathcal{O}(4; \{6^{29}, 2\})$	300578990123520
6	$\mathcal{O}(3; \{3^4, 2^{48}\})$	279936
6	$\mathcal{O}(3; \{3^7, 2^{44}\})$	1959552
6	$\mathcal{O}(3; \{3^{10}, 2^{40}\})$	15956352
6	$\mathcal{O}(3; \{3^{13}, 2^{36}\})$	127370880
6	$\mathcal{O}(3; \{3^{16}, 2^{32}\})$	1019246976
6	$\mathcal{O}(3; \{3^{19}, 2^{28}\})$	8153695872
6	$\mathcal{O}(3; \{3^{22}, 2^{24}\})$	65229846912
6	$\mathcal{O}(3; \{3^{25}, 2^{20}\})$	521838495360
6	$\mathcal{O}(3; \{3^{28}, 2^{16}\})$	4174708242816
6	$\mathcal{O}(3; \{3^{31}, 2^{12}\})$	33397665662592
6	$\mathcal{O}(3; \{3^{34}, 2^8\})$	267181325580672
6	$\mathcal{O}(3; \{3^{37}, 2^4\})$	2137450604365440
6	$\mathcal{O}(3; \{3^{40}\})$	16832423509653402
6	$\mathcal{O}(3; \{6, 3^2, 2^{49}\})$	93312
6	$\mathcal{O}(3; \{6, 3^5, 2^{45}\})$	1026432
6	$\mathcal{O}(3; \{6, 3^8, 2^{41}\})$	7931520
6	$\mathcal{O}(3; \{6, 3^{11}, 2^{37}\})$	63732096
6	$\mathcal{O}(3; \{6, 3^{14}, 2^{33}\})$	509576832
6	$\mathcal{O}(3; \{6, 3^{17}, 2^{29}\})$	4076894592

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6, 3^{20}, 2^{25}\})$	32614876800
6	$\mathcal{O}(3; \{6, 3^{23}, 2^{21}\})$	260919294336
6	$\mathcal{O}(3; \{6, 3^{26}, 2^{17}\})$	2087354074752
6	$\mathcal{O}(3; \{6, 3^{29}, 2^{13}\})$	16698832877952
6	$\mathcal{O}(3; \{6, 3^{32}, 2^9\})$	133590662743680
6	$\mathcal{O}(3; \{6, 3^{35}, 2^5\})$	1068725302229376
6	$\mathcal{O}(3; \{6, 3^{38}, 2\})$	8549802417555072
6	$\mathcal{O}(3; \{6^2, 2^{50}\})$	93312
6	$\mathcal{O}(3; \{6^2, 3^3, 2^{46}\})$	466560
6	$\mathcal{O}(3; \{6^2, 3^6, 2^{42}\})$	4012416
6	$\mathcal{O}(3; \{6^2, 3^9, 2^{38}\})$	31819392
6	$\mathcal{O}(3; \{6^2, 3^{12}, 2^{34}\})$	254835072
6	$\mathcal{O}(3; \{6^2, 3^{15}, 2^{30}\})$	2038400640
6	$\mathcal{O}(3; \{6^2, 3^{18}, 2^{26}\})$	16307485056
6	$\mathcal{O}(3; \{6^2, 3^{21}, 2^{22}\})$	130459600512
6	$\mathcal{O}(3; \{6^2, 3^{24}, 2^{18}\})$	1043677084032
6	$\mathcal{O}(3; \{6^2, 3^{27}, 2^{14}\})$	8349416392320
6	$\mathcal{O}(3; \{6^2, 3^{30}, 2^{10}\})$	66795331418496
6	$\mathcal{O}(3; \{6^2, 3^{33}, 2^6\})$	534362651068032
6	$\mathcal{O}(3; \{6^2, 3^{36}, 2^2\})$	4274901208824192
6	$\mathcal{O}(3; \{6^3, 3, 2^{47}\})$	279936
6	$\mathcal{O}(3; \{6^3, 3^4, 2^{43}\})$	1959552
6	$\mathcal{O}(3; \{6^3, 3^7, 2^{39}\})$	15956352
6	$\mathcal{O}(3; \{6^3, 3^{10}, 2^{35}\})$	127370880
6	$\mathcal{O}(3; \{6^3, 3^{13}, 2^{31}\})$	1019246976
6	$\mathcal{O}(3; \{6^3, 3^{16}, 2^{27}\})$	8153695872
6	$\mathcal{O}(3; \{6^3, 3^{19}, 2^{23}\})$	65229846912
6	$\mathcal{O}(3; \{6^3, 3^{22}, 2^{19}\})$	521838495360
6	$\mathcal{O}(3; \{6^3, 3^{25}, 2^{15}\})$	4174708242816
6	$\mathcal{O}(3; \{6^3, 3^{28}, 2^{11}\})$	33397665662592
6	$\mathcal{O}(3; \{6^3, 3^{31}, 2^7\})$	267181325580672
6	$\mathcal{O}(3; \{6^3, 3^{34}, 2^3\})$	2137450604365440
6	$\mathcal{O}(3; \{6^4, 3^2, 2^{44}\})$	1026432
6	$\mathcal{O}(3; \{6^4, 3^5, 2^{40}\})$	7931520
6	$\mathcal{O}(3; \{6^4, 3^8, 2^{36}\})$	63732096
6	$\mathcal{O}(3; \{6^4, 3^{11}, 2^{32}\})$	509576832
6	$\mathcal{O}(3; \{6^4, 3^{14}, 2^{28}\})$	4076894592
6	$\mathcal{O}(3; \{6^4, 3^{17}, 2^{24}\})$	32614876800
6	$\mathcal{O}(3; \{6^4, 3^{20}, 2^{20}\})$	260919294336
6	$\mathcal{O}(3; \{6^4, 3^{23}, 2^{16}\})$	2087354074752
6	$\mathcal{O}(3; \{6^4, 3^{26}, 2^{12}\})$	16698832877952
6	$\mathcal{O}(3; \{6^4, 3^{29}, 2^8\})$	133590662743680
6	$\mathcal{O}(3; \{6^4, 3^{32}, 2^4\})$	1068725302229376

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^4, 3^{35}\})$	8549802417555072
6	$\mathcal{O}(3; \{6^5, 2^{45}\})$	466560
6	$\mathcal{O}(3; \{6^5, 3^3, 2^{41}\})$	4012416
6	$\mathcal{O}(3; \{6^5, 3^6, 2^{37}\})$	31819392
6	$\mathcal{O}(3; \{6^5, 3^9, 2^{33}\})$	254835072
6	$\mathcal{O}(3; \{6^5, 3^{12}, 2^{29}\})$	2038400640
6	$\mathcal{O}(3; \{6^5, 3^{15}, 2^{25}\})$	16307485056
6	$\mathcal{O}(3; \{6^5, 3^{18}, 2^{21}\})$	130459600512
6	$\mathcal{O}(3; \{6^5, 3^{21}, 2^{17}\})$	1043677084032
6	$\mathcal{O}(3; \{6^5, 3^{24}, 2^{13}\})$	8349416392320
6	$\mathcal{O}(3; \{6^5, 3^{27}, 2^9\})$	66795331418496
6	$\mathcal{O}(3; \{6^5, 3^{30}, 2^5\})$	534362651068032
6	$\mathcal{O}(3; \{6^5, 3^{33}, 2\})$	4274901208824192
6	$\mathcal{O}(3; \{6^6, 3, 2^{42}\})$	1959552
6	$\mathcal{O}(3; \{6^6, 3^4, 2^{38}\})$	15956352
6	$\mathcal{O}(3; \{6^6, 3^7, 2^{34}\})$	127370880
6	$\mathcal{O}(3; \{6^6, 3^{10}, 2^{30}\})$	1019246976
6	$\mathcal{O}(3; \{6^6, 3^{13}, 2^{26}\})$	8153695872
6	$\mathcal{O}(3; \{6^6, 3^{16}, 2^{22}\})$	65229846912
6	$\mathcal{O}(3; \{6^6, 3^{19}, 2^{18}\})$	521838495360
6	$\mathcal{O}(3; \{6^6, 3^{22}, 2^{14}\})$	4174708242816
6	$\mathcal{O}(3; \{6^6, 3^{25}, 2^{10}\})$	33397665662592
6	$\mathcal{O}(3; \{6^6, 3^{28}, 2^6\})$	267181325580672
6	$\mathcal{O}(3; \{6^6, 3^{31}, 2^2\})$	2137450604365440
6	$\mathcal{O}(3; \{6^7, 3^2, 2^{39}\})$	7931520
6	$\mathcal{O}(3; \{6^7, 3^5, 2^{35}\})$	63732096
6	$\mathcal{O}(3; \{6^7, 3^8, 2^{31}\})$	509576832
6	$\mathcal{O}(3; \{6^7, 3^{11}, 2^{27}\})$	4076894592
6	$\mathcal{O}(3; \{6^7, 3^{14}, 2^{23}\})$	32614876800
6	$\mathcal{O}(3; \{6^7, 3^{17}, 2^{19}\})$	260919294336
6	$\mathcal{O}(3; \{6^7, 3^{20}, 2^{15}\})$	2087354074752
6	$\mathcal{O}(3; \{6^7, 3^{23}, 2^{11}\})$	16698832877952
6	$\mathcal{O}(3; \{6^7, 3^{26}, 2^7\})$	133590662743680
6	$\mathcal{O}(3; \{6^7, 3^{29}, 2^3\})$	1068725302229376
6	$\mathcal{O}(3; \{6^8, 2^{40}\})$	4012416
6	$\mathcal{O}(3; \{6^8, 3^3, 2^{36}\})$	31819392
6	$\mathcal{O}(3; \{6^8, 3^6, 2^{32}\})$	254835072
6	$\mathcal{O}(3; \{6^8, 3^9, 2^{28}\})$	2038400640
6	$\mathcal{O}(3; \{6^8, 3^{12}, 2^{24}\})$	16307485056
6	$\mathcal{O}(3; \{6^8, 3^{15}, 2^{20}\})$	130459600512
6	$\mathcal{O}(3; \{6^8, 3^{18}, 2^{16}\})$	1043677084032
6	$\mathcal{O}(3; \{6^8, 3^{21}, 2^{12}\})$	8349416392320
6	$\mathcal{O}(3; \{6^8, 3^{24}, 2^8\})$	66795331418496

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^8, 3^{27}, 2^4\})$	534362651068032
6	$\mathcal{O}(3; \{6^8, 3^{30}\})$	4274901208824192
6	$\mathcal{O}(3; \{6^9, 3, 2^{37}\})$	15956352
6	$\mathcal{O}(3; \{6^9, 3^4, 2^{33}\})$	127370880
6	$\mathcal{O}(3; \{6^9, 3^7, 2^{29}\})$	1019246976
6	$\mathcal{O}(3; \{6^9, 3^{10}, 2^{25}\})$	8153695872
6	$\mathcal{O}(3; \{6^9, 3^{13}, 2^{21}\})$	65229846912
6	$\mathcal{O}(3; \{6^9, 3^{16}, 2^{17}\})$	521838495360
6	$\mathcal{O}(3; \{6^9, 3^{19}, 2^{13}\})$	4174708242816
6	$\mathcal{O}(3; \{6^9, 3^{22}, 2^9\})$	33397665662592
6	$\mathcal{O}(3; \{6^9, 3^{25}, 2^5\})$	267181325580672
6	$\mathcal{O}(3; \{6^9, 3^{28}, 2\})$	2137450604365440
6	$\mathcal{O}(3; \{6^{10}, 3^2, 2^{34}\})$	63732096
6	$\mathcal{O}(3; \{6^{10}, 3^5, 2^{30}\})$	509576832
6	$\mathcal{O}(3; \{6^{10}, 3^8, 2^{26}\})$	4076894592
6	$\mathcal{O}(3; \{6^{10}, 3^{11}, 2^{22}\})$	32614876800
6	$\mathcal{O}(3; \{6^{10}, 3^{14}, 2^{18}\})$	260919294336
6	$\mathcal{O}(3; \{6^{10}, 3^{17}, 2^{14}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{10}, 3^{20}, 2^{10}\})$	16698832877952
6	$\mathcal{O}(3; \{6^{10}, 3^{23}, 2^6\})$	133590662743680
6	$\mathcal{O}(3; \{6^{10}, 3^{26}, 2^2\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{11}, 2^{35}\})$	31819392
6	$\mathcal{O}(3; \{6^{11}, 3^3, 2^{31}\})$	254835072
6	$\mathcal{O}(3; \{6^{11}, 3^6, 2^{27}\})$	2038400640
6	$\mathcal{O}(3; \{6^{11}, 3^9, 2^{23}\})$	16307485056
6	$\mathcal{O}(3; \{6^{11}, 3^{12}, 2^{19}\})$	130459600512
6	$\mathcal{O}(3; \{6^{11}, 3^{15}, 2^{15}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{11}, 3^{18}, 2^{11}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{11}, 3^{21}, 2^7\})$	66795331418496
6	$\mathcal{O}(3; \{6^{11}, 3^{24}, 2^3\})$	534362651068032
6	$\mathcal{O}(3; \{6^{12}, 3, 2^{32}\})$	127370880
6	$\mathcal{O}(3; \{6^{12}, 3^4, 2^{28}\})$	1019246976
6	$\mathcal{O}(3; \{6^{12}, 3^7, 2^{24}\})$	8153695872
6	$\mathcal{O}(3; \{6^{12}, 3^{10}, 2^{20}\})$	65229846912
6	$\mathcal{O}(3; \{6^{12}, 3^{13}, 2^{16}\})$	521838495360
6	$\mathcal{O}(3; \{6^{12}, 3^{16}, 2^{12}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{12}, 3^{19}, 2^8\})$	33397665662592
6	$\mathcal{O}(3; \{6^{12}, 3^{22}, 2^4\})$	267181325580672
6	$\mathcal{O}(3; \{6^{12}, 3^{25}\})$	2137450604365440
6	$\mathcal{O}(3; \{6^{13}, 3^2, 2^{29}\})$	509576832
6	$\mathcal{O}(3; \{6^{13}, 3^5, 2^{25}\})$	4076894592
6	$\mathcal{O}(3; \{6^{13}, 3^8, 2^{21}\})$	32614876800
6	$\mathcal{O}(3; \{6^{13}, 3^{11}, 2^{17}\})$	260919294336

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^{13}, 3^{14}, 2^{13}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{13}, 3^{17}, 2^9\})$	16698832877952
6	$\mathcal{O}(3; \{6^{13}, 3^{20}, 2^5\})$	133590662743680
6	$\mathcal{O}(3; \{6^{13}, 3^{23}, 2\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{14}, 2^{30}\})$	254835072
6	$\mathcal{O}(3; \{6^{14}, 3^3, 2^{26}\})$	2038400640
6	$\mathcal{O}(3; \{6^{14}, 3^6, 2^{22}\})$	16307485056
6	$\mathcal{O}(3; \{6^{14}, 3^9, 2^{18}\})$	130459600512
6	$\mathcal{O}(3; \{6^{14}, 3^{12}, 2^{14}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{14}, 3^{15}, 2^{10}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{14}, 3^{18}, 2^6\})$	66795331418496
6	$\mathcal{O}(3; \{6^{14}, 3^{21}, 2^2\})$	534362651068032
6	$\mathcal{O}(3; \{6^{15}, 3, 2^{27}\})$	1019246976
6	$\mathcal{O}(3; \{6^{15}, 3^4, 2^{23}\})$	8153695872
6	$\mathcal{O}(3; \{6^{15}, 3^7, 2^{19}\})$	65229846912
6	$\mathcal{O}(3; \{6^{15}, 3^{10}, 2^{15}\})$	521838495360
6	$\mathcal{O}(3; \{6^{15}, 3^{13}, 2^{11}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{15}, 3^{16}, 2^7\})$	33397665662592
6	$\mathcal{O}(3; \{6^{15}, 3^{19}, 2^3\})$	267181325580672
6	$\mathcal{O}(3; \{6^{16}, 3^2, 2^{24}\})$	4076894592
6	$\mathcal{O}(3; \{6^{16}, 3^5, 2^{20}\})$	32614876800
6	$\mathcal{O}(3; \{6^{16}, 3^8, 2^{16}\})$	260919294336
6	$\mathcal{O}(3; \{6^{16}, 3^{11}, 2^{12}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{16}, 3^{14}, 2^8\})$	16698832877952
6	$\mathcal{O}(3; \{6^{16}, 3^{17}, 2^4\})$	133590662743680
6	$\mathcal{O}(3; \{6^{16}, 3^{20}\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{17}, 2^{25}\})$	2038400640
6	$\mathcal{O}(3; \{6^{17}, 3^3, 2^{21}\})$	16307485056
6	$\mathcal{O}(3; \{6^{17}, 3^6, 2^{17}\})$	130459600512
6	$\mathcal{O}(3; \{6^{17}, 3^9, 2^{13}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{17}, 3^{12}, 2^9\})$	8349416392320
6	$\mathcal{O}(3; \{6^{17}, 3^{15}, 2^5\})$	66795331418496
6	$\mathcal{O}(3; \{6^{17}, 3^{18}, 2\})$	534362651068032
6	$\mathcal{O}(3; \{6^{18}, 3, 2^{22}\})$	8153695872
6	$\mathcal{O}(3; \{6^{18}, 3^4, 2^{18}\})$	65229846912
6	$\mathcal{O}(3; \{6^{18}, 3^7, 2^{14}\})$	521838495360
6	$\mathcal{O}(3; \{6^{18}, 3^{10}, 2^{10}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{18}, 3^{13}, 2^6\})$	33397665662592
6	$\mathcal{O}(3; \{6^{18}, 3^{16}, 2^2\})$	267181325580672
6	$\mathcal{O}(3; \{6^{19}, 3^2, 2^{19}\})$	32614876800
6	$\mathcal{O}(3; \{6^{19}, 3^5, 2^{15}\})$	260919294336
6	$\mathcal{O}(3; \{6^{19}, 3^8, 2^{11}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{19}, 3^{11}, 2^7\})$	16698832877952

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^{19}, 3^{14}, 2^3\})$	133590662743680
6	$\mathcal{O}(3; \{6^{20}, 2^{20}\})$	16307485056
6	$\mathcal{O}(3; \{6^{20}, 3^3, 2^{16}\})$	130459600512
6	$\mathcal{O}(3; \{6^{20}, 3^6, 2^{12}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{20}, 3^9, 2^8\})$	8349416392320
6	$\mathcal{O}(3; \{6^{20}, 3^{12}, 2^4\})$	66795331418496
6	$\mathcal{O}(3; \{6^{20}, 3^{15}\})$	534362651068032
6	$\mathcal{O}(3; \{6^{21}, 3, 2^{17}\})$	65229846912
6	$\mathcal{O}(3; \{6^{21}, 3^4, 2^{13}\})$	521838495360
6	$\mathcal{O}(3; \{6^{21}, 3^7, 2^9\})$	4174708242816
6	$\mathcal{O}(3; \{6^{21}, 3^{10}, 2^5\})$	33397665662592
6	$\mathcal{O}(3; \{6^{21}, 3^{13}, 2\})$	267181325580672
6	$\mathcal{O}(3; \{6^{22}, 3^2, 2^{14}\})$	260919294336
6	$\mathcal{O}(3; \{6^{22}, 3^5, 2^{10}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{22}, 3^8, 2^6\})$	16698832877952
6	$\mathcal{O}(3; \{6^{22}, 3^{11}, 2^2\})$	133590662743680
6	$\mathcal{O}(3; \{6^{23}, 2^{15}\})$	130459600512
6	$\mathcal{O}(3; \{6^{23}, 3^3, 2^{11}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{23}, 3^6, 2^7\})$	8349416392320
6	$\mathcal{O}(3; \{6^{23}, 3^9, 2^3\})$	66795331418496
6	$\mathcal{O}(3; \{6^{24}, 3, 2^{12}\})$	521838495360
6	$\mathcal{O}(3; \{6^{24}, 3^4, 2^8\})$	4174708242816
6	$\mathcal{O}(3; \{6^{24}, 3^7, 2^4\})$	33397665662592
6	$\mathcal{O}(3; \{6^{24}, 3^{10}\})$	267181325580672
6	$\mathcal{O}(3; \{6^{25}, 3^2, 2^9\})$	2087354074752
6	$\mathcal{O}(3; \{6^{25}, 3^5, 2^5\})$	16698832877952
6	$\mathcal{O}(3; \{6^{25}, 3^8, 2\})$	133590662743680
6	$\mathcal{O}(3; \{6^{26}, 2^{10}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{26}, 3^3, 2^6\})$	8349416392320
6	$\mathcal{O}(3; \{6^{26}, 3^6, 2^2\})$	66795331418496
6	$\mathcal{O}(3; \{6^{27}, 3, 2^7\})$	4174708242816
6	$\mathcal{O}(3; \{6^{27}, 3^4, 2^3\})$	33397665662592
6	$\mathcal{O}(3; \{6^{28}, 3^2, 2^4\})$	16698832877952
6	$\mathcal{O}(3; \{6^{28}, 3^5\})$	133590662743680
6	$\mathcal{O}(3; \{6^{29}, 2^5\})$	8349416392320
6	$\mathcal{O}(3; \{6^{29}, 3^3, 2\})$	66795331418496
6	$\mathcal{O}(3; \{6^{30}, 3, 2^2\})$	33397665662592
6	$\mathcal{O}(3; \{6^{32}\})$	66795331418496
6	$\mathcal{O}(2; \{3^4, 2^{52}\})$	7776
6	$\mathcal{O}(2; \{3^7, 2^{48}\})$	54432
6	$\mathcal{O}(2; \{3^{10}, 2^{44}\})$	443232
6	$\mathcal{O}(2; \{3^{13}, 2^{40}\})$	3538080
6	$\mathcal{O}(2; \{3^{16}, 2^{36}\})$	28312416

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{3^{19}, 2^{32}\})$	226491552
6	$\mathcal{O}(2; \{3^{22}, 2^{28}\})$	1811940192
6	$\mathcal{O}(2; \{3^{25}, 2^{24}\})$	14495513760
6	$\mathcal{O}(2; \{3^{28}, 2^{20}\})$	115964117856
6	$\mathcal{O}(2; \{3^{31}, 2^{16}\})$	927712935072
6	$\mathcal{O}(2; \{3^{34}, 2^{12}\})$	7421703488352
6	$\mathcal{O}(2; \{3^{37}, 2^8\})$	59373627899040
6	$\mathcal{O}(2; \{3^{40}, 2^4\})$	474989023200096
6	$\mathcal{O}(2; \{3^{43}\})$	3562417673993430
6	$\mathcal{O}(2; \{6, 3^2, 2^{53}\})$	2592
6	$\mathcal{O}(2; \{6, 3^5, 2^{49}\})$	28512
6	$\mathcal{O}(2; \{6, 3^8, 2^{45}\})$	220320
6	$\mathcal{O}(2; \{6, 3^{11}, 2^{41}\})$	1770336
6	$\mathcal{O}(2; \{6, 3^{14}, 2^{37}\})$	14154912
6	$\mathcal{O}(2; \{6, 3^{17}, 2^{33}\})$	113247072
6	$\mathcal{O}(2; \{6, 3^{20}, 2^{29}\})$	905968800
6	$\mathcal{O}(2; \{6, 3^{23}, 2^{25}\})$	7247758176
6	$\mathcal{O}(2; \{6, 3^{26}, 2^{21}\})$	57982057632
6	$\mathcal{O}(2; \{6, 3^{29}, 2^{17}\})$	463856468832
6	$\mathcal{O}(2; \{6, 3^{32}, 2^{13}\})$	3710851742880
6	$\mathcal{O}(2; \{6, 3^{35}, 2^9\})$	29686813950816
6	$\mathcal{O}(2; \{6, 3^{38}, 2^5\})$	237494511598752
6	$\mathcal{O}(2; \{6, 3^{41}, 2\})$	1899956092797792
6	$\mathcal{O}(2; \{6^2, 2^{54}\})$	2592
6	$\mathcal{O}(2; \{6^2, 3^3, 2^{50}\})$	12960
6	$\mathcal{O}(2; \{6^2, 3^6, 2^{46}\})$	111456
6	$\mathcal{O}(2; \{6^2, 3^9, 2^{42}\})$	883872
6	$\mathcal{O}(2; \{6^2, 3^{12}, 2^{38}\})$	7078752
6	$\mathcal{O}(2; \{6^2, 3^{15}, 2^{34}\})$	56622240
6	$\mathcal{O}(2; \{6^2, 3^{18}, 2^{30}\})$	452985696
6	$\mathcal{O}(2; \{6^2, 3^{21}, 2^{26}\})$	3623877792
6	$\mathcal{O}(2; \{6^2, 3^{24}, 2^{22}\})$	28991030112
6	$\mathcal{O}(2; \{6^2, 3^{27}, 2^{18}\})$	231928233120
6	$\mathcal{O}(2; \{6^2, 3^{30}, 2^{14}\})$	1855425872736
6	$\mathcal{O}(2; \{6^2, 3^{33}, 2^{10}\})$	14843406974112
6	$\mathcal{O}(2; \{6^2, 3^{36}, 2^6\})$	118747255800672
6	$\mathcal{O}(2; \{6^2, 3^{39}, 2^2\})$	949978046397600
6	$\mathcal{O}(2; \{6^3, 3, 2^{51}\})$	7776
6	$\mathcal{O}(2; \{6^3, 3^4, 2^{47}\})$	54432
6	$\mathcal{O}(2; \{6^3, 3^7, 2^{43}\})$	443232
6	$\mathcal{O}(2; \{6^3, 3^{10}, 2^{39}\})$	3538080
6	$\mathcal{O}(2; \{6^3, 3^{13}, 2^{35}\})$	28312416
6	$\mathcal{O}(2; \{6^3, 3^{16}, 2^{31}\})$	226491552

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^3, 3^{19}, 2^{27}\})$	1811940192
6	$\mathcal{O}(2; \{6^3, 3^{22}, 2^{23}\})$	14495513760
6	$\mathcal{O}(2; \{6^3, 3^{25}, 2^{19}\})$	115964117856
6	$\mathcal{O}(2; \{6^3, 3^{28}, 2^{15}\})$	927712935072
6	$\mathcal{O}(2; \{6^3, 3^{31}, 2^{11}\})$	7421703488352
6	$\mathcal{O}(2; \{6^3, 3^{34}, 2^7\})$	59373627899040
6	$\mathcal{O}(2; \{6^3, 3^{37}, 2^3\})$	474989023200096
6	$\mathcal{O}(2; \{6^4, 3^2, 2^{48}\})$	28512
6	$\mathcal{O}(2; \{6^4, 3^5, 2^{44}\})$	220320
6	$\mathcal{O}(2; \{6^4, 3^8, 2^{40}\})$	1770336
6	$\mathcal{O}(2; \{6^4, 3^{11}, 2^{36}\})$	14154912
6	$\mathcal{O}(2; \{6^4, 3^{14}, 2^{32}\})$	113247072
6	$\mathcal{O}(2; \{6^4, 3^{17}, 2^{28}\})$	905968800
6	$\mathcal{O}(2; \{6^4, 3^{20}, 2^{24}\})$	7247758176
6	$\mathcal{O}(2; \{6^4, 3^{23}, 2^{20}\})$	57982057632
6	$\mathcal{O}(2; \{6^4, 3^{26}, 2^{16}\})$	463856468832
6	$\mathcal{O}(2; \{6^4, 3^{29}, 2^{12}\})$	3710851742880
6	$\mathcal{O}(2; \{6^4, 3^{32}, 2^8\})$	29686813950816
6	$\mathcal{O}(2; \{6^4, 3^{35}, 2^4\})$	237494511598752
6	$\mathcal{O}(2; \{6^4, 3^{38}\})$	1899956092797792
6	$\mathcal{O}(2; \{6^5, 2^{49}\})$	12960
6	$\mathcal{O}(2; \{6^5, 3^3, 2^{45}\})$	111456
6	$\mathcal{O}(2; \{6^5, 3^6, 2^{41}\})$	883872
6	$\mathcal{O}(2; \{6^5, 3^9, 2^{37}\})$	7078752
6	$\mathcal{O}(2; \{6^5, 3^{12}, 2^{33}\})$	56622240
6	$\mathcal{O}(2; \{6^5, 3^{15}, 2^{29}\})$	452985696
6	$\mathcal{O}(2; \{6^5, 3^{18}, 2^{25}\})$	3623877792
6	$\mathcal{O}(2; \{6^5, 3^{21}, 2^{21}\})$	28991030112
6	$\mathcal{O}(2; \{6^5, 3^{24}, 2^{17}\})$	231928233120
6	$\mathcal{O}(2; \{6^5, 3^{27}, 2^{13}\})$	1855425872736
6	$\mathcal{O}(2; \{6^5, 3^{30}, 2^9\})$	14843406974112
6	$\mathcal{O}(2; \{6^5, 3^{33}, 2^5\})$	118747255800672
6	$\mathcal{O}(2; \{6^5, 3^{36}, 2\})$	949978046397600
6	$\mathcal{O}(2; \{6^6, 3, 2^{46}\})$	54432
6	$\mathcal{O}(2; \{6^6, 3^4, 2^{42}\})$	443232
6	$\mathcal{O}(2; \{6^6, 3^7, 2^{38}\})$	3538080
6	$\mathcal{O}(2; \{6^6, 3^{10}, 2^{34}\})$	28312416
6	$\mathcal{O}(2; \{6^6, 3^{13}, 2^{30}\})$	226491552
6	$\mathcal{O}(2; \{6^6, 3^{16}, 2^{26}\})$	1811940192
6	$\mathcal{O}(2; \{6^6, 3^{19}, 2^{22}\})$	14495513760
6	$\mathcal{O}(2; \{6^6, 3^{22}, 2^{18}\})$	115964117856
6	$\mathcal{O}(2; \{6^6, 3^{25}, 2^{14}\})$	927712935072
6	$\mathcal{O}(2; \{6^6, 3^{28}, 2^{10}\})$	7421703488352

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^6, 3^{31}, 2^6\})$	59373627899040
6	$\mathcal{O}(2; \{6^6, 3^{34}, 2^2\})$	474989023200096
6	$\mathcal{O}(2; \{6^7, 3^2, 2^{43}\})$	220320
6	$\mathcal{O}(2; \{6^7, 3^5, 2^{39}\})$	1770336
6	$\mathcal{O}(2; \{6^7, 3^8, 2^{35}\})$	14154912
6	$\mathcal{O}(2; \{6^7, 3^{11}, 2^{31}\})$	113247072
6	$\mathcal{O}(2; \{6^7, 3^{14}, 2^{27}\})$	905968800
6	$\mathcal{O}(2; \{6^7, 3^{17}, 2^{23}\})$	7247758176
6	$\mathcal{O}(2; \{6^7, 3^{20}, 2^{19}\})$	57982057632
6	$\mathcal{O}(2; \{6^7, 3^{23}, 2^{15}\})$	463856468832
6	$\mathcal{O}(2; \{6^7, 3^{26}, 2^{11}\})$	3710851742880
6	$\mathcal{O}(2; \{6^7, 3^{29}, 2^7\})$	29686813950816
6	$\mathcal{O}(2; \{6^7, 3^{32}, 2^3\})$	237494511598752
6	$\mathcal{O}(2; \{6^8, 2^{44}\})$	111456
6	$\mathcal{O}(2; \{6^8, 3^3, 2^{40}\})$	883872
6	$\mathcal{O}(2; \{6^8, 3^6, 2^{36}\})$	7078752
6	$\mathcal{O}(2; \{6^8, 3^9, 2^{32}\})$	56622240
6	$\mathcal{O}(2; \{6^8, 3^{12}, 2^{28}\})$	452985696
6	$\mathcal{O}(2; \{6^8, 3^{15}, 2^{24}\})$	3623877792
6	$\mathcal{O}(2; \{6^8, 3^{18}, 2^{20}\})$	28991030112
6	$\mathcal{O}(2; \{6^8, 3^{21}, 2^{16}\})$	231928233120
6	$\mathcal{O}(2; \{6^8, 3^{24}, 2^{12}\})$	1855425872736
6	$\mathcal{O}(2; \{6^8, 3^{27}, 2^8\})$	14843406974112
6	$\mathcal{O}(2; \{6^8, 3^{30}, 2^4\})$	118747255800672
6	$\mathcal{O}(2; \{6^8, 3^{33}\})$	949978046397600
6	$\mathcal{O}(2; \{6^9, 3, 2^{41}\})$	443232
6	$\mathcal{O}(2; \{6^9, 3^4, 2^{37}\})$	3538080
6	$\mathcal{O}(2; \{6^9, 3^7, 2^{33}\})$	28312416
6	$\mathcal{O}(2; \{6^9, 3^{10}, 2^{29}\})$	226491552
6	$\mathcal{O}(2; \{6^9, 3^{13}, 2^{25}\})$	1811940192
6	$\mathcal{O}(2; \{6^9, 3^{16}, 2^{21}\})$	14495513760
6	$\mathcal{O}(2; \{6^9, 3^{19}, 2^{17}\})$	115964117856
6	$\mathcal{O}(2; \{6^9, 3^{22}, 2^{13}\})$	927712935072
6	$\mathcal{O}(2; \{6^9, 3^{25}, 2^9\})$	7421703488352
6	$\mathcal{O}(2; \{6^9, 3^{28}, 2^5\})$	59373627899040
6	$\mathcal{O}(2; \{6^9, 3^{31}, 2\})$	474989023200096
6	$\mathcal{O}(2; \{6^{10}, 3^2, 2^{38}\})$	1770336
6	$\mathcal{O}(2; \{6^{10}, 3^5, 2^{34}\})$	14154912
6	$\mathcal{O}(2; \{6^{10}, 3^8, 2^{30}\})$	113247072
6	$\mathcal{O}(2; \{6^{10}, 3^{11}, 2^{26}\})$	905968800
6	$\mathcal{O}(2; \{6^{10}, 3^{14}, 2^{22}\})$	7247758176
6	$\mathcal{O}(2; \{6^{10}, 3^{17}, 2^{18}\})$	57982057632
6	$\mathcal{O}(2; \{6^{10}, 3^{20}, 2^{14}\})$	463856468832

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^{10}, 3^{23}, 2^{10}\})$	3710851742880
6	$\mathcal{O}(2; \{6^{10}, 3^{26}, 2^6\})$	29686813950816
6	$\mathcal{O}(2; \{6^{10}, 3^{29}, 2^2\})$	237494511598752
6	$\mathcal{O}(2; \{6^{11}, 2^{39}\})$	883872
6	$\mathcal{O}(2; \{6^{11}, 3^3, 2^{35}\})$	7078752
6	$\mathcal{O}(2; \{6^{11}, 3^6, 2^{31}\})$	56622240
6	$\mathcal{O}(2; \{6^{11}, 3^9, 2^{27}\})$	452985696
6	$\mathcal{O}(2; \{6^{11}, 3^{12}, 2^{23}\})$	3623877792
6	$\mathcal{O}(2; \{6^{11}, 3^{15}, 2^{19}\})$	28991030112
6	$\mathcal{O}(2; \{6^{11}, 3^{18}, 2^{15}\})$	231928233120
6	$\mathcal{O}(2; \{6^{11}, 3^{21}, 2^{11}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{11}, 3^{24}, 2^7\})$	14843406974112
6	$\mathcal{O}(2; \{6^{11}, 3^{27}, 2^3\})$	118747255800672
6	$\mathcal{O}(2; \{6^{12}, 3, 2^{36}\})$	3538080
6	$\mathcal{O}(2; \{6^{12}, 3^4, 2^{32}\})$	28312416
6	$\mathcal{O}(2; \{6^{12}, 3^7, 2^{28}\})$	226491552
6	$\mathcal{O}(2; \{6^{12}, 3^{10}, 2^{24}\})$	1811940192
6	$\mathcal{O}(2; \{6^{12}, 3^{13}, 2^{20}\})$	14495513760
6	$\mathcal{O}(2; \{6^{12}, 3^{16}, 2^{16}\})$	115964117856
6	$\mathcal{O}(2; \{6^{12}, 3^{19}, 2^{12}\})$	927712935072
6	$\mathcal{O}(2; \{6^{12}, 3^{22}, 2^8\})$	7421703488352
6	$\mathcal{O}(2; \{6^{12}, 3^{25}, 2^4\})$	59373627899040
6	$\mathcal{O}(2; \{6^{12}, 3^{28}\})$	474989023200096
6	$\mathcal{O}(2; \{6^{13}, 3^2, 2^{33}\})$	14154912
6	$\mathcal{O}(2; \{6^{13}, 3^5, 2^{29}\})$	113247072
6	$\mathcal{O}(2; \{6^{13}, 3^8, 2^{25}\})$	905968800
6	$\mathcal{O}(2; \{6^{13}, 3^{11}, 2^{21}\})$	7247758176
6	$\mathcal{O}(2; \{6^{13}, 3^{14}, 2^{17}\})$	57982057632
6	$\mathcal{O}(2; \{6^{13}, 3^{17}, 2^{13}\})$	463856468832
6	$\mathcal{O}(2; \{6^{13}, 3^{20}, 2^9\})$	3710851742880
6	$\mathcal{O}(2; \{6^{13}, 3^{23}, 2^5\})$	29686813950816
6	$\mathcal{O}(2; \{6^{13}, 3^{26}, 2\})$	237494511598752
6	$\mathcal{O}(2; \{6^{14}, 2^{34}\})$	7078752
6	$\mathcal{O}(2; \{6^{14}, 3^3, 2^{30}\})$	56622240
6	$\mathcal{O}(2; \{6^{14}, 3^6, 2^{26}\})$	452985696
6	$\mathcal{O}(2; \{6^{14}, 3^9, 2^{22}\})$	3623877792
6	$\mathcal{O}(2; \{6^{14}, 3^{12}, 2^{18}\})$	28991030112
6	$\mathcal{O}(2; \{6^{14}, 3^{15}, 2^{14}\})$	231928233120
6	$\mathcal{O}(2; \{6^{14}, 3^{18}, 2^{10}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{14}, 3^{21}, 2^6\})$	14843406974112
6	$\mathcal{O}(2; \{6^{14}, 3^{24}, 2^2\})$	118747255800672
6	$\mathcal{O}(2; \{6^{15}, 3, 2^{31}\})$	28312416
6	$\mathcal{O}(2; \{6^{15}, 3^4, 2^{27}\})$	226491552

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^{15}, 3^7, 2^{23}\})$	1811940192
6	$\mathcal{O}(2; \{6^{15}, 3^{10}, 2^{19}\})$	14495513760
6	$\mathcal{O}(2; \{6^{15}, 3^{13}, 2^{15}\})$	115964117856
6	$\mathcal{O}(2; \{6^{15}, 3^{16}, 2^{11}\})$	927712935072
6	$\mathcal{O}(2; \{6^{15}, 3^{19}, 2^7\})$	7421703488352
6	$\mathcal{O}(2; \{6^{15}, 3^{22}, 2^3\})$	59373627899040
6	$\mathcal{O}(2; \{6^{16}, 3^2, 2^{28}\})$	113247072
6	$\mathcal{O}(2; \{6^{16}, 3^5, 2^{24}\})$	905968800
6	$\mathcal{O}(2; \{6^{16}, 3^8, 2^{20}\})$	7247758176
6	$\mathcal{O}(2; \{6^{16}, 3^{11}, 2^{16}\})$	57982057632
6	$\mathcal{O}(2; \{6^{16}, 3^{14}, 2^{12}\})$	463856468832
6	$\mathcal{O}(2; \{6^{16}, 3^{17}, 2^8\})$	3710851742880
6	$\mathcal{O}(2; \{6^{16}, 3^{20}, 2^4\})$	29686813950816
6	$\mathcal{O}(2; \{6^{16}, 3^{23}\})$	237494511598752
6	$\mathcal{O}(2; \{6^{17}, 2^{29}\})$	56622240
6	$\mathcal{O}(2; \{6^{17}, 3^3, 2^{25}\})$	452985696
6	$\mathcal{O}(2; \{6^{17}, 3^6, 2^{21}\})$	3623877792
6	$\mathcal{O}(2; \{6^{17}, 3^9, 2^{17}\})$	28991030112
6	$\mathcal{O}(2; \{6^{17}, 3^{12}, 2^{13}\})$	231928233120
6	$\mathcal{O}(2; \{6^{17}, 3^{15}, 2^9\})$	1855425872736
6	$\mathcal{O}(2; \{6^{17}, 3^{18}, 2^5\})$	14843406974112
6	$\mathcal{O}(2; \{6^{17}, 3^{21}, 2\})$	118747255800672
6	$\mathcal{O}(2; \{6^{18}, 3, 2^{26}\})$	226491552
6	$\mathcal{O}(2; \{6^{18}, 3^4, 2^{22}\})$	1811940192
6	$\mathcal{O}(2; \{6^{18}, 3^7, 2^{18}\})$	14495513760
6	$\mathcal{O}(2; \{6^{18}, 3^{10}, 2^{14}\})$	115964117856
6	$\mathcal{O}(2; \{6^{18}, 3^{13}, 2^{10}\})$	927712935072
6	$\mathcal{O}(2; \{6^{18}, 3^{16}, 2^6\})$	7421703488352
6	$\mathcal{O}(2; \{6^{18}, 3^{19}, 2^2\})$	59373627899040
6	$\mathcal{O}(2; \{6^{19}, 3^2, 2^{23}\})$	905968800
6	$\mathcal{O}(2; \{6^{19}, 3^5, 2^{19}\})$	7247758176
6	$\mathcal{O}(2; \{6^{19}, 3^8, 2^{15}\})$	57982057632
6	$\mathcal{O}(2; \{6^{19}, 3^{11}, 2^{11}\})$	463856468832
6	$\mathcal{O}(2; \{6^{19}, 3^{14}, 2^7\})$	3710851742880
6	$\mathcal{O}(2; \{6^{19}, 3^{17}, 2^3\})$	29686813950816
6	$\mathcal{O}(2; \{6^{20}, 2^{24}\})$	452985696
6	$\mathcal{O}(2; \{6^{20}, 3^3, 2^{20}\})$	3623877792
6	$\mathcal{O}(2; \{6^{20}, 3^6, 2^{16}\})$	28991030112
6	$\mathcal{O}(2; \{6^{20}, 3^9, 2^{12}\})$	231928233120
6	$\mathcal{O}(2; \{6^{20}, 3^{12}, 2^8\})$	1855425872736
6	$\mathcal{O}(2; \{6^{20}, 3^{15}, 2^4\})$	14843406974112
6	$\mathcal{O}(2; \{6^{20}, 3^{18}\})$	118747255800672
6	$\mathcal{O}(2; \{6^{21}, 3, 2^{21}\})$	1811940192

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^{21}, 3^4, 2^{17}\})$	14495513760
6	$\mathcal{O}(2; \{6^{21}, 3^7, 2^{13}\})$	115964117856
6	$\mathcal{O}(2; \{6^{21}, 3^{10}, 2^9\})$	927712935072
6	$\mathcal{O}(2; \{6^{21}, 3^{13}, 2^5\})$	7421703488352
6	$\mathcal{O}(2; \{6^{21}, 3^{16}, 2\})$	59373627899040
6	$\mathcal{O}(2; \{6^{22}, 3^2, 2^{18}\})$	7247758176
6	$\mathcal{O}(2; \{6^{22}, 3^5, 2^{14}\})$	57982057632
6	$\mathcal{O}(2; \{6^{22}, 3^8, 2^{10}\})$	463856468832
6	$\mathcal{O}(2; \{6^{22}, 3^{11}, 2^6\})$	3710851742880
6	$\mathcal{O}(2; \{6^{22}, 3^{14}, 2^2\})$	29686813950816
6	$\mathcal{O}(2; \{6^{23}, 2^{19}\})$	3623877792
6	$\mathcal{O}(2; \{6^{23}, 3^3, 2^{15}\})$	28991030112
6	$\mathcal{O}(2; \{6^{23}, 3^6, 2^{11}\})$	231928233120
6	$\mathcal{O}(2; \{6^{23}, 3^9, 2^7\})$	1855425872736
6	$\mathcal{O}(2; \{6^{23}, 3^{12}, 2^3\})$	14843406974112
6	$\mathcal{O}(2; \{6^{24}, 3, 2^{16}\})$	14495513760
6	$\mathcal{O}(2; \{6^{24}, 3^4, 2^{12}\})$	115964117856
6	$\mathcal{O}(2; \{6^{24}, 3^7, 2^8\})$	927712935072
6	$\mathcal{O}(2; \{6^{24}, 3^{10}, 2^4\})$	7421703488352
6	$\mathcal{O}(2; \{6^{24}, 3^{13}\})$	59373627899040
6	$\mathcal{O}(2; \{6^{25}, 3^2, 2^{13}\})$	57982057632
6	$\mathcal{O}(2; \{6^{25}, 3^5, 2^9\})$	463856468832
6	$\mathcal{O}(2; \{6^{25}, 3^8, 2^5\})$	3710851742880
6	$\mathcal{O}(2; \{6^{25}, 3^{11}, 2\})$	29686813950816
6	$\mathcal{O}(2; \{6^{26}, 2^{14}\})$	28991030112
6	$\mathcal{O}(2; \{6^{26}, 3^3, 2^{10}\})$	231928233120
6	$\mathcal{O}(2; \{6^{26}, 3^6, 2^6\})$	1855425872736
6	$\mathcal{O}(2; \{6^{26}, 3^9, 2^2\})$	14843406974112
6	$\mathcal{O}(2; \{6^{27}, 3, 2^{11}\})$	115964117856
6	$\mathcal{O}(2; \{6^{27}, 3^4, 2^7\})$	927712935072
6	$\mathcal{O}(2; \{6^{27}, 3^7, 2^3\})$	7421703488352
6	$\mathcal{O}(2; \{6^{28}, 3^2, 2^8\})$	463856468832
6	$\mathcal{O}(2; \{6^{28}, 3^5, 2^4\})$	3710851742880
6	$\mathcal{O}(2; \{6^{28}, 3^8\})$	29686813950816
6	$\mathcal{O}(2; \{6^{29}, 2^9\})$	231928233120
6	$\mathcal{O}(2; \{6^{29}, 3^3, 2^5\})$	1855425872736
6	$\mathcal{O}(2; \{6^{29}, 3^6, 2\})$	14843406974112
6	$\mathcal{O}(2; \{6^{30}, 3, 2^6\})$	927712935072
6	$\mathcal{O}(2; \{6^{30}, 3^4, 2^2\})$	7421703488352
6	$\mathcal{O}(2; \{6^{31}, 3^2, 2^3\})$	3710851742880
6	$\mathcal{O}(2; \{6^{32}, 2^4\})$	1855425872736
6	$\mathcal{O}(2; \{6^{32}, 3^3\})$	14843406974112
6	$\mathcal{O}(2; \{6^{33}, 3, 2\})$	7421703488352

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{3^4, 2^{56}\})$	216
6	$\mathcal{O}(1; \{3^7, 2^{52}\})$	1512
6	$\mathcal{O}(1; \{3^{10}, 2^{48}\})$	12312
6	$\mathcal{O}(1; \{3^{13}, 2^{44}\})$	98280
6	$\mathcal{O}(1; \{3^{16}, 2^{40}\})$	786456
6	$\mathcal{O}(1; \{3^{19}, 2^{36}\})$	6291432
6	$\mathcal{O}(1; \{3^{22}, 2^{32}\})$	50331672
6	$\mathcal{O}(1; \{3^{25}, 2^{28}\})$	402653160
6	$\mathcal{O}(1; \{3^{28}, 2^{24}\})$	3221225496
6	$\mathcal{O}(1; \{3^{31}, 2^{20}\})$	25769803752
6	$\mathcal{O}(1; \{3^{34}, 2^{16}\})$	206158430232
6	$\mathcal{O}(1; \{3^{37}, 2^{12}\})$	1649267441640
6	$\mathcal{O}(1; \{3^{40}, 2^8\})$	13194139533336
6	$\mathcal{O}(1; \{3^{43}, 2^4\})$	105553116266472
6	$\mathcal{O}(1; \{3^{46}\})$	633318697598994
6	$\mathcal{O}(1; \{6, 3^2, 2^{57}\})$	72
6	$\mathcal{O}(1; \{6, 3^5, 2^{53}\})$	792
6	$\mathcal{O}(1; \{6, 3^8, 2^{49}\})$	6120
6	$\mathcal{O}(1; \{6, 3^{11}, 2^{45}\})$	49176
6	$\mathcal{O}(1; \{6, 3^{14}, 2^{41}\})$	393192
6	$\mathcal{O}(1; \{6, 3^{17}, 2^{37}\})$	3145752
6	$\mathcal{O}(1; \{6, 3^{20}, 2^{33}\})$	25165800
6	$\mathcal{O}(1; \{6, 3^{23}, 2^{29}\})$	201326616
6	$\mathcal{O}(1; \{6, 3^{26}, 2^{25}\})$	1610612712
6	$\mathcal{O}(1; \{6, 3^{29}, 2^{21}\})$	12884901912
6	$\mathcal{O}(1; \{6, 3^{32}, 2^{17}\})$	103079215080
6	$\mathcal{O}(1; \{6, 3^{35}, 2^{13}\})$	824633720856
6	$\mathcal{O}(1; \{6, 3^{38}, 2^9\})$	6597069766632
6	$\mathcal{O}(1; \{6, 3^{41}, 2^5\})$	52776558133272
6	$\mathcal{O}(1; \{6, 3^{44}, 2\})$	422212465065960
6	$\mathcal{O}(1; \{6^2, 2^{58}\})$	72
6	$\mathcal{O}(1; \{6^2, 3^3, 2^{54}\})$	360
6	$\mathcal{O}(1; \{6^2, 3^6, 2^{50}\})$	3096
6	$\mathcal{O}(1; \{6^2, 3^9, 2^{46}\})$	24552
6	$\mathcal{O}(1; \{6^2, 3^{12}, 2^{42}\})$	196632
6	$\mathcal{O}(1; \{6^2, 3^{15}, 2^{38}\})$	1572840
6	$\mathcal{O}(1; \{6^2, 3^{18}, 2^{34}\})$	12582936
6	$\mathcal{O}(1; \{6^2, 3^{21}, 2^{30}\})$	100663272
6	$\mathcal{O}(1; \{6^2, 3^{24}, 2^{26}\})$	805306392
6	$\mathcal{O}(1; \{6^2, 3^{27}, 2^{22}\})$	6442450920
6	$\mathcal{O}(1; \{6^2, 3^{30}, 2^{18}\})$	51539607576
6	$\mathcal{O}(1; \{6^2, 3^{33}, 2^{14}\})$	412316860392
6	$\mathcal{O}(1; \{6^2, 3^{36}, 2^{10}\})$	3298534883352

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^2, 3^{39}, 2^6\})$	26388279066600
6	$\mathcal{O}(1; \{6^2, 3^{42}, 2^2\})$	211106232533016
6	$\mathcal{O}(1; \{6^3, 3, 2^{55}\})$	216
6	$\mathcal{O}(1; \{6^3, 3^4, 2^{51}\})$	1512
6	$\mathcal{O}(1; \{6^3, 3^7, 2^{47}\})$	12312
6	$\mathcal{O}(1; \{6^3, 3^{10}, 2^{43}\})$	98280
6	$\mathcal{O}(1; \{6^3, 3^{13}, 2^{39}\})$	786456
6	$\mathcal{O}(1; \{6^3, 3^{16}, 2^{35}\})$	6291432
6	$\mathcal{O}(1; \{6^3, 3^{19}, 2^{31}\})$	50331672
6	$\mathcal{O}(1; \{6^3, 3^{22}, 2^{27}\})$	402653160
6	$\mathcal{O}(1; \{6^3, 3^{25}, 2^{23}\})$	3221225496
6	$\mathcal{O}(1; \{6^3, 3^{28}, 2^{19}\})$	25769803752
6	$\mathcal{O}(1; \{6^3, 3^{31}, 2^{15}\})$	206158430232
6	$\mathcal{O}(1; \{6^3, 3^{34}, 2^{11}\})$	1649267441640
6	$\mathcal{O}(1; \{6^3, 3^{37}, 2^7\})$	13194139533336
6	$\mathcal{O}(1; \{6^3, 3^{40}, 2^3\})$	105553116266472
6	$\mathcal{O}(1; \{6^4, 3^2, 2^{52}\})$	792
6	$\mathcal{O}(1; \{6^4, 3^5, 2^{48}\})$	6120
6	$\mathcal{O}(1; \{6^4, 3^8, 2^{44}\})$	49176
6	$\mathcal{O}(1; \{6^4, 3^{11}, 2^{40}\})$	393192
6	$\mathcal{O}(1; \{6^4, 3^{14}, 2^{36}\})$	3145752
6	$\mathcal{O}(1; \{6^4, 3^{17}, 2^{32}\})$	25165800
6	$\mathcal{O}(1; \{6^4, 3^{20}, 2^{28}\})$	201326616
6	$\mathcal{O}(1; \{6^4, 3^{23}, 2^{24}\})$	1610612712
6	$\mathcal{O}(1; \{6^4, 3^{26}, 2^{20}\})$	12884901912
6	$\mathcal{O}(1; \{6^4, 3^{29}, 2^{16}\})$	103079215080
6	$\mathcal{O}(1; \{6^4, 3^{32}, 2^{12}\})$	824633720856
6	$\mathcal{O}(1; \{6^4, 3^{35}, 2^8\})$	6597069766632
6	$\mathcal{O}(1; \{6^4, 3^{38}, 2^4\})$	52776558133272
6	$\mathcal{O}(1; \{6^4, 3^{41}\})$	422212465065960
6	$\mathcal{O}(1; \{6^5, 2^{53}\})$	360
6	$\mathcal{O}(1; \{6^5, 3^3, 2^{49}\})$	3096
6	$\mathcal{O}(1; \{6^5, 3^6, 2^{45}\})$	24552
6	$\mathcal{O}(1; \{6^5, 3^9, 2^{41}\})$	196632
6	$\mathcal{O}(1; \{6^5, 3^{12}, 2^{37}\})$	1572840
6	$\mathcal{O}(1; \{6^5, 3^{15}, 2^{33}\})$	12582936
6	$\mathcal{O}(1; \{6^5, 3^{18}, 2^{29}\})$	100663272
6	$\mathcal{O}(1; \{6^5, 3^{21}, 2^{25}\})$	805306392
6	$\mathcal{O}(1; \{6^5, 3^{24}, 2^{21}\})$	6442450920
6	$\mathcal{O}(1; \{6^5, 3^{27}, 2^{17}\})$	51539607576
6	$\mathcal{O}(1; \{6^5, 3^{30}, 2^{13}\})$	412316860392
6	$\mathcal{O}(1; \{6^5, 3^{33}, 2^9\})$	3298534883352
6	$\mathcal{O}(1; \{6^5, 3^{36}, 2^5\})$	26388279066600

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^5, 3^{39}, 2\})$	211106232533016
6	$\mathcal{O}(1; \{6^6, 3, 2^{50}\})$	1512
6	$\mathcal{O}(1; \{6^6, 3^4, 2^{46}\})$	12312
6	$\mathcal{O}(1; \{6^6, 3^7, 2^{42}\})$	98280
6	$\mathcal{O}(1; \{6^6, 3^{10}, 2^{38}\})$	786456
6	$\mathcal{O}(1; \{6^6, 3^{13}, 2^{34}\})$	6291432
6	$\mathcal{O}(1; \{6^6, 3^{16}, 2^{30}\})$	50331672
6	$\mathcal{O}(1; \{6^6, 3^{19}, 2^{26}\})$	402653160
6	$\mathcal{O}(1; \{6^6, 3^{22}, 2^{22}\})$	3221225496
6	$\mathcal{O}(1; \{6^6, 3^{25}, 2^{18}\})$	25769803752
6	$\mathcal{O}(1; \{6^6, 3^{28}, 2^{14}\})$	206158430232
6	$\mathcal{O}(1; \{6^6, 3^{31}, 2^{10}\})$	1649267441640
6	$\mathcal{O}(1; \{6^6, 3^{34}, 2^6\})$	13194139533336
6	$\mathcal{O}(1; \{6^6, 3^{37}, 2^2\})$	105553116266472
6	$\mathcal{O}(1; \{6^7, 3^2, 2^{47}\})$	6120
6	$\mathcal{O}(1; \{6^7, 3^5, 2^{43}\})$	49176
6	$\mathcal{O}(1; \{6^7, 3^8, 2^{39}\})$	393192
6	$\mathcal{O}(1; \{6^7, 3^{11}, 2^{35}\})$	3145752
6	$\mathcal{O}(1; \{6^7, 3^{14}, 2^{31}\})$	25165800
6	$\mathcal{O}(1; \{6^7, 3^{17}, 2^{27}\})$	201326616
6	$\mathcal{O}(1; \{6^7, 3^{20}, 2^{23}\})$	1610612712
6	$\mathcal{O}(1; \{6^7, 3^{23}, 2^{19}\})$	12884901912
6	$\mathcal{O}(1; \{6^7, 3^{26}, 2^{15}\})$	103079215080
6	$\mathcal{O}(1; \{6^7, 3^{29}, 2^{11}\})$	824633720856
6	$\mathcal{O}(1; \{6^7, 3^{32}, 2^7\})$	6597069766632
6	$\mathcal{O}(1; \{6^7, 3^{35}, 2^3\})$	52776558133272
6	$\mathcal{O}(1; \{6^8, 2^{48}\})$	3096
6	$\mathcal{O}(1; \{6^8, 3^3, 2^{44}\})$	24552
6	$\mathcal{O}(1; \{6^8, 3^6, 2^{40}\})$	196632
6	$\mathcal{O}(1; \{6^8, 3^9, 2^{36}\})$	1572840
6	$\mathcal{O}(1; \{6^8, 3^{12}, 2^{32}\})$	12582936
6	$\mathcal{O}(1; \{6^8, 3^{15}, 2^{28}\})$	100663272
6	$\mathcal{O}(1; \{6^8, 3^{18}, 2^{24}\})$	805306392
6	$\mathcal{O}(1; \{6^8, 3^{21}, 2^{20}\})$	6442450920
6	$\mathcal{O}(1; \{6^8, 3^{24}, 2^{16}\})$	51539607576
6	$\mathcal{O}(1; \{6^8, 3^{27}, 2^{12}\})$	412316860392
6	$\mathcal{O}(1; \{6^8, 3^{30}, 2^8\})$	3298534883352
6	$\mathcal{O}(1; \{6^8, 3^{33}, 2^4\})$	26388279066600
6	$\mathcal{O}(1; \{6^8, 3^{36}\})$	211106232533016
6	$\mathcal{O}(1; \{6^9, 3, 2^{45}\})$	12312
6	$\mathcal{O}(1; \{6^9, 3^4, 2^{41}\})$	98280
6	$\mathcal{O}(1; \{6^9, 3^7, 2^{37}\})$	786456
6	$\mathcal{O}(1; \{6^9, 3^{10}, 2^{33}\})$	6291432

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^9, 3^{13}, 2^{29}\})$	50331672
6	$\mathcal{O}(1; \{6^9, 3^{16}, 2^{25}\})$	402653160
6	$\mathcal{O}(1; \{6^9, 3^{19}, 2^{21}\})$	3221225496
6	$\mathcal{O}(1; \{6^9, 3^{22}, 2^{17}\})$	25769803752
6	$\mathcal{O}(1; \{6^9, 3^{25}, 2^{13}\})$	206158430232
6	$\mathcal{O}(1; \{6^9, 3^{28}, 2^9\})$	1649267441640
6	$\mathcal{O}(1; \{6^9, 3^{31}, 2^5\})$	13194139533336
6	$\mathcal{O}(1; \{6^9, 3^{34}, 2\})$	105553116266472
6	$\mathcal{O}(1; \{6^{10}, 3^2, 2^{42}\})$	49176
6	$\mathcal{O}(1; \{6^{10}, 3^5, 2^{38}\})$	393192
6	$\mathcal{O}(1; \{6^{10}, 3^8, 2^{34}\})$	3145752
6	$\mathcal{O}(1; \{6^{10}, 3^{11}, 2^{30}\})$	25165800
6	$\mathcal{O}(1; \{6^{10}, 3^{14}, 2^{26}\})$	201326616
6	$\mathcal{O}(1; \{6^{10}, 3^{17}, 2^{22}\})$	1610612712
6	$\mathcal{O}(1; \{6^{10}, 3^{20}, 2^{18}\})$	12884901912
6	$\mathcal{O}(1; \{6^{10}, 3^{23}, 2^{14}\})$	103079215080
6	$\mathcal{O}(1; \{6^{10}, 3^{26}, 2^{10}\})$	824633720856
6	$\mathcal{O}(1; \{6^{10}, 3^{29}, 2^6\})$	6597069766632
6	$\mathcal{O}(1; \{6^{10}, 3^{32}, 2^2\})$	52776558133272
6	$\mathcal{O}(1; \{6^{11}, 2^{43}\})$	24552
6	$\mathcal{O}(1; \{6^{11}, 3^3, 2^{39}\})$	196632
6	$\mathcal{O}(1; \{6^{11}, 3^6, 2^{35}\})$	1572840
6	$\mathcal{O}(1; \{6^{11}, 3^9, 2^{31}\})$	12582936
6	$\mathcal{O}(1; \{6^{11}, 3^{12}, 2^{27}\})$	100663272
6	$\mathcal{O}(1; \{6^{11}, 3^{15}, 2^{23}\})$	805306392
6	$\mathcal{O}(1; \{6^{11}, 3^{18}, 2^{19}\})$	6442450920
6	$\mathcal{O}(1; \{6^{11}, 3^{21}, 2^{15}\})$	51539607576
6	$\mathcal{O}(1; \{6^{11}, 3^{24}, 2^{11}\})$	412316860392
6	$\mathcal{O}(1; \{6^{11}, 3^{27}, 2^7\})$	3298534883352
6	$\mathcal{O}(1; \{6^{11}, 3^{30}, 2^3\})$	26388279066600
6	$\mathcal{O}(1; \{6^{12}, 3, 2^{40}\})$	98280
6	$\mathcal{O}(1; \{6^{12}, 3^4, 2^{36}\})$	786456
6	$\mathcal{O}(1; \{6^{12}, 3^7, 2^{32}\})$	6291432
6	$\mathcal{O}(1; \{6^{12}, 3^{10}, 2^{28}\})$	50331672
6	$\mathcal{O}(1; \{6^{12}, 3^{13}, 2^{24}\})$	402653160
6	$\mathcal{O}(1; \{6^{12}, 3^{16}, 2^{20}\})$	3221225496
6	$\mathcal{O}(1; \{6^{12}, 3^{19}, 2^{16}\})$	25769803752
6	$\mathcal{O}(1; \{6^{12}, 3^{22}, 2^{12}\})$	206158430232
6	$\mathcal{O}(1; \{6^{12}, 3^{25}, 2^8\})$	1649267441640
6	$\mathcal{O}(1; \{6^{12}, 3^{28}, 2^4\})$	13194139533336
6	$\mathcal{O}(1; \{6^{12}, 3^{31}\})$	105553116266472
6	$\mathcal{O}(1; \{6^{13}, 3^2, 2^{37}\})$	393192
6	$\mathcal{O}(1; \{6^{13}, 3^5, 2^{33}\})$	3145752

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{13}, 3^8, 2^{29}\})$	25165800
6	$\mathcal{O}(1; \{6^{13}, 3^{11}, 2^{25}\})$	201326616
6	$\mathcal{O}(1; \{6^{13}, 3^{14}, 2^{21}\})$	1610612712
6	$\mathcal{O}(1; \{6^{13}, 3^{17}, 2^{17}\})$	12884901912
6	$\mathcal{O}(1; \{6^{13}, 3^{20}, 2^{13}\})$	103079215080
6	$\mathcal{O}(1; \{6^{13}, 3^{23}, 2^9\})$	824633720856
6	$\mathcal{O}(1; \{6^{13}, 3^{26}, 2^5\})$	6597069766632
6	$\mathcal{O}(1; \{6^{13}, 3^{29}, 2\})$	52776558133272
6	$\mathcal{O}(1; \{6^{14}, 2^{38}\})$	196632
6	$\mathcal{O}(1; \{6^{14}, 3^3, 2^{34}\})$	1572840
6	$\mathcal{O}(1; \{6^{14}, 3^6, 2^{30}\})$	12582936
6	$\mathcal{O}(1; \{6^{14}, 3^9, 2^{26}\})$	100663272
6	$\mathcal{O}(1; \{6^{14}, 3^{12}, 2^{22}\})$	805306392
6	$\mathcal{O}(1; \{6^{14}, 3^{15}, 2^{18}\})$	6442450920
6	$\mathcal{O}(1; \{6^{14}, 3^{18}, 2^{14}\})$	51539607576
6	$\mathcal{O}(1; \{6^{14}, 3^{21}, 2^{10}\})$	412316860392
6	$\mathcal{O}(1; \{6^{14}, 3^{24}, 2^6\})$	3298534883352
6	$\mathcal{O}(1; \{6^{14}, 3^{27}, 2^2\})$	26388279066600
6	$\mathcal{O}(1; \{6^{15}, 3, 2^{35}\})$	786456
6	$\mathcal{O}(1; \{6^{15}, 3^4, 2^{31}\})$	6291432
6	$\mathcal{O}(1; \{6^{15}, 3^7, 2^{27}\})$	50331672
6	$\mathcal{O}(1; \{6^{15}, 3^{10}, 2^{23}\})$	402653160
6	$\mathcal{O}(1; \{6^{15}, 3^{13}, 2^{19}\})$	3221225496
6	$\mathcal{O}(1; \{6^{15}, 3^{16}, 2^{15}\})$	25769803752
6	$\mathcal{O}(1; \{6^{15}, 3^{19}, 2^{11}\})$	206158430232
6	$\mathcal{O}(1; \{6^{15}, 3^{22}, 2^7\})$	1649267441640
6	$\mathcal{O}(1; \{6^{15}, 3^{25}, 2^3\})$	13194139533336
6	$\mathcal{O}(1; \{6^{16}, 3^2, 2^{32}\})$	3145752
6	$\mathcal{O}(1; \{6^{16}, 3^5, 2^{28}\})$	25165800
6	$\mathcal{O}(1; \{6^{16}, 3^8, 2^{24}\})$	201326616
6	$\mathcal{O}(1; \{6^{16}, 3^{11}, 2^{20}\})$	1610612712
6	$\mathcal{O}(1; \{6^{16}, 3^{14}, 2^{16}\})$	12884901912
6	$\mathcal{O}(1; \{6^{16}, 3^{17}, 2^{12}\})$	103079215080
6	$\mathcal{O}(1; \{6^{16}, 3^{20}, 2^8\})$	824633720856
6	$\mathcal{O}(1; \{6^{16}, 3^{23}, 2^4\})$	6597069766632
6	$\mathcal{O}(1; \{6^{16}, 3^{26}\})$	52776558133272
6	$\mathcal{O}(1; \{6^{17}, 2^{33}\})$	1572840
6	$\mathcal{O}(1; \{6^{17}, 3^3, 2^{29}\})$	12582936
6	$\mathcal{O}(1; \{6^{17}, 3^6, 2^{25}\})$	100663272
6	$\mathcal{O}(1; \{6^{17}, 3^9, 2^{21}\})$	805306392
6	$\mathcal{O}(1; \{6^{17}, 3^{12}, 2^{17}\})$	6442450920
6	$\mathcal{O}(1; \{6^{17}, 3^{15}, 2^{13}\})$	51539607576
6	$\mathcal{O}(1; \{6^{17}, 3^{18}, 2^9\})$	412316860392

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{17}, 3^{21}, 2^5\})$	3298534883352
6	$\mathcal{O}(1; \{6^{17}, 3^{24}, 2\})$	26388279066600
6	$\mathcal{O}(1; \{6^{18}, 3, 2^{30}\})$	6291432
6	$\mathcal{O}(1; \{6^{18}, 3^4, 2^{26}\})$	50331672
6	$\mathcal{O}(1; \{6^{18}, 3^7, 2^{22}\})$	402653160
6	$\mathcal{O}(1; \{6^{18}, 3^{10}, 2^{18}\})$	3221225496
6	$\mathcal{O}(1; \{6^{18}, 3^{13}, 2^{14}\})$	25769803752
6	$\mathcal{O}(1; \{6^{18}, 3^{16}, 2^{10}\})$	206158430232
6	$\mathcal{O}(1; \{6^{18}, 3^{19}, 2^6\})$	1649267441640
6	$\mathcal{O}(1; \{6^{18}, 3^{22}, 2^2\})$	13194139533336
6	$\mathcal{O}(1; \{6^{19}, 3^2, 2^{27}\})$	25165800
6	$\mathcal{O}(1; \{6^{19}, 3^5, 2^{23}\})$	201326616
6	$\mathcal{O}(1; \{6^{19}, 3^8, 2^{19}\})$	1610612712
6	$\mathcal{O}(1; \{6^{19}, 3^{11}, 2^{15}\})$	12884901912
6	$\mathcal{O}(1; \{6^{19}, 3^{14}, 2^{11}\})$	103079215080
6	$\mathcal{O}(1; \{6^{19}, 3^{17}, 2^7\})$	824633720856
6	$\mathcal{O}(1; \{6^{19}, 3^{20}, 2^3\})$	6597069766632
6	$\mathcal{O}(1; \{6^{20}, 2^{28}\})$	12582936
6	$\mathcal{O}(1; \{6^{20}, 3^3, 2^{24}\})$	100663272
6	$\mathcal{O}(1; \{6^{20}, 3^6, 2^{20}\})$	805306392
6	$\mathcal{O}(1; \{6^{20}, 3^9, 2^{16}\})$	6442450920
6	$\mathcal{O}(1; \{6^{20}, 3^{12}, 2^{12}\})$	51539607576
6	$\mathcal{O}(1; \{6^{20}, 3^{15}, 2^8\})$	412316860392
6	$\mathcal{O}(1; \{6^{20}, 3^{18}, 2^4\})$	3298534883352
6	$\mathcal{O}(1; \{6^{20}, 3^{21}\})$	26388279066600
6	$\mathcal{O}(1; \{6^{21}, 3, 2^{25}\})$	50331672
6	$\mathcal{O}(1; \{6^{21}, 3^4, 2^{21}\})$	402653160
6	$\mathcal{O}(1; \{6^{21}, 3^7, 2^{17}\})$	3221225496
6	$\mathcal{O}(1; \{6^{21}, 3^{10}, 2^{13}\})$	25769803752
6	$\mathcal{O}(1; \{6^{21}, 3^{13}, 2^9\})$	206158430232
6	$\mathcal{O}(1; \{6^{21}, 3^{16}, 2^5\})$	1649267441640
6	$\mathcal{O}(1; \{6^{21}, 3^{19}, 2\})$	13194139533336
6	$\mathcal{O}(1; \{6^{22}, 3^2, 2^{22}\})$	201326616
6	$\mathcal{O}(1; \{6^{22}, 3^5, 2^{18}\})$	1610612712
6	$\mathcal{O}(1; \{6^{22}, 3^8, 2^{14}\})$	12884901912
6	$\mathcal{O}(1; \{6^{22}, 3^{11}, 2^{10}\})$	103079215080
6	$\mathcal{O}(1; \{6^{22}, 3^{14}, 2^6\})$	824633720856
6	$\mathcal{O}(1; \{6^{22}, 3^{17}, 2^2\})$	6597069766632
6	$\mathcal{O}(1; \{6^{23}, 2^{23}\})$	100663272
6	$\mathcal{O}(1; \{6^{23}, 3^3, 2^{19}\})$	805306392
6	$\mathcal{O}(1; \{6^{23}, 3^6, 2^{15}\})$	6442450920
6	$\mathcal{O}(1; \{6^{23}, 3^9, 2^{11}\})$	51539607576
6	$\mathcal{O}(1; \{6^{23}, 3^{12}, 2^7\})$	412316860392

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{23}, 3^{15}, 2^3\})$	3298534883352
6	$\mathcal{O}(1; \{6^{24}, 3, 2^{20}\})$	402653160
6	$\mathcal{O}(1; \{6^{24}, 3^4, 2^{16}\})$	3221225496
6	$\mathcal{O}(1; \{6^{24}, 3^7, 2^{12}\})$	25769803752
6	$\mathcal{O}(1; \{6^{24}, 3^{10}, 2^8\})$	206158430232
6	$\mathcal{O}(1; \{6^{24}, 3^{13}, 2^4\})$	1649267441640
6	$\mathcal{O}(1; \{6^{24}, 3^{16}\})$	13194139533336
6	$\mathcal{O}(1; \{6^{25}, 3^2, 2^{17}\})$	1610612712
6	$\mathcal{O}(1; \{6^{25}, 3^5, 2^{13}\})$	12884901912
6	$\mathcal{O}(1; \{6^{25}, 3^8, 2^9\})$	103079215080
6	$\mathcal{O}(1; \{6^{25}, 3^{11}, 2^5\})$	824633720856
6	$\mathcal{O}(1; \{6^{25}, 3^{14}, 2\})$	6597069766632
6	$\mathcal{O}(1; \{6^{26}, 2^{18}\})$	805306392
6	$\mathcal{O}(1; \{6^{26}, 3^3, 2^{14}\})$	6442450920
6	$\mathcal{O}(1; \{6^{26}, 3^6, 2^{10}\})$	51539607576
6	$\mathcal{O}(1; \{6^{26}, 3^9, 2^6\})$	412316860392
6	$\mathcal{O}(1; \{6^{26}, 3^{12}, 2^2\})$	3298534883352
6	$\mathcal{O}(1; \{6^{27}, 3, 2^{15}\})$	3221225496
6	$\mathcal{O}(1; \{6^{27}, 3^4, 2^{11}\})$	25769803752
6	$\mathcal{O}(1; \{6^{27}, 3^7, 2^7\})$	206158430232
6	$\mathcal{O}(1; \{6^{27}, 3^{10}, 2^3\})$	1649267441640
6	$\mathcal{O}(1; \{6^{28}, 3^2, 2^{12}\})$	12884901912
6	$\mathcal{O}(1; \{6^{28}, 3^5, 2^8\})$	103079215080
6	$\mathcal{O}(1; \{6^{28}, 3^8, 2^4\})$	824633720856
6	$\mathcal{O}(1; \{6^{28}, 3^{11}\})$	6597069766632
6	$\mathcal{O}(1; \{6^{29}, 2^{13}\})$	6442450920
6	$\mathcal{O}(1; \{6^{29}, 3^3, 2^9\})$	51539607576
6	$\mathcal{O}(1; \{6^{29}, 3^6, 2^5\})$	412316860392
6	$\mathcal{O}(1; \{6^{29}, 3^9, 2\})$	3298534883352
6	$\mathcal{O}(1; \{6^{30}, 3, 2^{10}\})$	25769803752
6	$\mathcal{O}(1; \{6^{30}, 3^4, 2^6\})$	206158430232
6	$\mathcal{O}(1; \{6^{30}, 3^7, 2^2\})$	1649267441640
6	$\mathcal{O}(1; \{6^{31}, 3^2, 2^7\})$	103079215080
6	$\mathcal{O}(1; \{6^{31}, 3^5, 2^3\})$	824633720856
6	$\mathcal{O}(1; \{6^{32}, 2^8\})$	51539607576
6	$\mathcal{O}(1; \{6^{32}, 3^3, 2^4\})$	412316860392
6	$\mathcal{O}(1; \{6^{32}, 3^6\})$	3298534883352
6	$\mathcal{O}(1; \{6^{33}, 3, 2^5\})$	206158430232
6	$\mathcal{O}(1; \{6^{33}, 3^4, 2\})$	1649267441640
6	$\mathcal{O}(1; \{6^{34}, 3^2, 2^2\})$	824633720856
6	$\mathcal{O}(1; \{6^{35}, 2^3\})$	412316860392
6	$\mathcal{O}(1; \{6^{36}, 3\})$	1649267441640
6	$\mathcal{O}(0; \{3^4, 2^{60}\})$	6

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{3^7, 2^{56}\})$	42
6	$\mathcal{O}(0; \{3^{10}, 2^{52}\})$	342
6	$\mathcal{O}(0; \{3^{13}, 2^{48}\})$	2730
6	$\mathcal{O}(0; \{3^{16}, 2^{44}\})$	21846
6	$\mathcal{O}(0; \{3^{19}, 2^{40}\})$	174762
6	$\mathcal{O}(0; \{3^{22}, 2^{36}\})$	1398102
6	$\mathcal{O}(0; \{3^{25}, 2^{32}\})$	11184810
6	$\mathcal{O}(0; \{3^{28}, 2^{28}\})$	89478486
6	$\mathcal{O}(0; \{3^{31}, 2^{24}\})$	715827882
6	$\mathcal{O}(0; \{3^{34}, 2^{20}\})$	5726623062
6	$\mathcal{O}(0; \{3^{37}, 2^{16}\})$	45812984490
6	$\mathcal{O}(0; \{3^{40}, 2^{12}\})$	366503875926
6	$\mathcal{O}(0; \{3^{43}, 2^8\})$	2932031007402
6	$\mathcal{O}(0; \{3^{46}, 2^4\})$	23456248059222
6	$\mathcal{O}(0; \{6, 3^2, 2^{61}\})$	2
6	$\mathcal{O}(0; \{6, 3^5, 2^{57}\})$	22
6	$\mathcal{O}(0; \{6, 3^8, 2^{53}\})$	170
6	$\mathcal{O}(0; \{6, 3^{11}, 2^{49}\})$	1366
6	$\mathcal{O}(0; \{6, 3^{14}, 2^{45}\})$	10922
6	$\mathcal{O}(0; \{6, 3^{17}, 2^{41}\})$	87382
6	$\mathcal{O}(0; \{6, 3^{20}, 2^{37}\})$	699050
6	$\mathcal{O}(0; \{6, 3^{23}, 2^{33}\})$	5592406
6	$\mathcal{O}(0; \{6, 3^{26}, 2^{29}\})$	44739242
6	$\mathcal{O}(0; \{6, 3^{29}, 2^{25}\})$	357913942
6	$\mathcal{O}(0; \{6, 3^{32}, 2^{21}\})$	2863311530
6	$\mathcal{O}(0; \{6, 3^{35}, 2^{17}\})$	22906492246
6	$\mathcal{O}(0; \{6, 3^{38}, 2^{13}\})$	183251937962
6	$\mathcal{O}(0; \{6, 3^{41}, 2^9\})$	1466015503702
6	$\mathcal{O}(0; \{6, 3^{44}, 2^5\})$	11728124029610
6	$\mathcal{O}(0; \{6, 3^{47}, 2\})$	93824992236886
6	$\mathcal{O}(0; \{6^2, 2^{62}\})$	2
6	$\mathcal{O}(0; \{6^2, 3^3, 2^{58}\})$	10
6	$\mathcal{O}(0; \{6^2, 3^6, 2^{54}\})$	86
6	$\mathcal{O}(0; \{6^2, 3^9, 2^{50}\})$	682
6	$\mathcal{O}(0; \{6^2, 3^{12}, 2^{46}\})$	5462
6	$\mathcal{O}(0; \{6^2, 3^{15}, 2^{42}\})$	43690
6	$\mathcal{O}(0; \{6^2, 3^{18}, 2^{38}\})$	349526
6	$\mathcal{O}(0; \{6^2, 3^{21}, 2^{34}\})$	2796202
6	$\mathcal{O}(0; \{6^2, 3^{24}, 2^{30}\})$	22369622
6	$\mathcal{O}(0; \{6^2, 3^{27}, 2^{26}\})$	178956970
6	$\mathcal{O}(0; \{6^2, 3^{30}, 2^{22}\})$	1431655766
6	$\mathcal{O}(0; \{6^2, 3^{33}, 2^{18}\})$	11453246122
6	$\mathcal{O}(0; \{6^2, 3^{36}, 2^{14}\})$	91625968982

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^2, 3^{39}, 2^{10}\})$	733007751850
6	$\mathcal{O}(0; \{6^2, 3^{42}, 2^6\})$	5864062014806
6	$\mathcal{O}(0; \{6^2, 3^{45}, 2^2\})$	46912496118442
6	$\mathcal{O}(0; \{6^3, 3, 2^{59}\})$	6
6	$\mathcal{O}(0; \{6^3, 3^4, 2^{55}\})$	42
6	$\mathcal{O}(0; \{6^3, 3^7, 2^{51}\})$	342
6	$\mathcal{O}(0; \{6^3, 3^{10}, 2^{47}\})$	2730
6	$\mathcal{O}(0; \{6^3, 3^{13}, 2^{43}\})$	21846
6	$\mathcal{O}(0; \{6^3, 3^{16}, 2^{39}\})$	174762
6	$\mathcal{O}(0; \{6^3, 3^{19}, 2^{35}\})$	1398102
6	$\mathcal{O}(0; \{6^3, 3^{22}, 2^{31}\})$	11184810
6	$\mathcal{O}(0; \{6^3, 3^{25}, 2^{27}\})$	89478486
6	$\mathcal{O}(0; \{6^3, 3^{28}, 2^{23}\})$	715827882
6	$\mathcal{O}(0; \{6^3, 3^{31}, 2^{19}\})$	5726623062
6	$\mathcal{O}(0; \{6^3, 3^{34}, 2^{15}\})$	45812984490
6	$\mathcal{O}(0; \{6^3, 3^{37}, 2^{11}\})$	366503875926
6	$\mathcal{O}(0; \{6^3, 3^{40}, 2^7\})$	2932031007402
6	$\mathcal{O}(0; \{6^3, 3^{43}, 2^3\})$	23456248059222
6	$\mathcal{O}(0; \{6^4, 3^2, 2^{56}\})$	22
6	$\mathcal{O}(0; \{6^4, 3^5, 2^{52}\})$	170
6	$\mathcal{O}(0; \{6^4, 3^8, 2^{48}\})$	1366
6	$\mathcal{O}(0; \{6^4, 3^{11}, 2^{44}\})$	10922
6	$\mathcal{O}(0; \{6^4, 3^{14}, 2^{40}\})$	87382
6	$\mathcal{O}(0; \{6^4, 3^{17}, 2^{36}\})$	699050
6	$\mathcal{O}(0; \{6^4, 3^{20}, 2^{32}\})$	5592406
6	$\mathcal{O}(0; \{6^4, 3^{23}, 2^{28}\})$	44739242
6	$\mathcal{O}(0; \{6^4, 3^{26}, 2^{24}\})$	357913942
6	$\mathcal{O}(0; \{6^4, 3^{29}, 2^{20}\})$	2863311530
6	$\mathcal{O}(0; \{6^4, 3^{32}, 2^{16}\})$	22906492246
6	$\mathcal{O}(0; \{6^4, 3^{35}, 2^{12}\})$	183251937962
6	$\mathcal{O}(0; \{6^4, 3^{38}, 2^8\})$	1466015503702
6	$\mathcal{O}(0; \{6^4, 3^{41}, 2^4\})$	11728124029610
6	$\mathcal{O}(0; \{6^4, 3^{44}\})$	93824992236886
6	$\mathcal{O}(0; \{6^5, 2^{57}\})$	10
6	$\mathcal{O}(0; \{6^5, 3^3, 2^{53}\})$	86
6	$\mathcal{O}(0; \{6^5, 3^6, 2^{49}\})$	682
6	$\mathcal{O}(0; \{6^5, 3^9, 2^{45}\})$	5462
6	$\mathcal{O}(0; \{6^5, 3^{12}, 2^{41}\})$	43690
6	$\mathcal{O}(0; \{6^5, 3^{15}, 2^{37}\})$	349526
6	$\mathcal{O}(0; \{6^5, 3^{18}, 2^{33}\})$	2796202
6	$\mathcal{O}(0; \{6^5, 3^{21}, 2^{29}\})$	22369622
6	$\mathcal{O}(0; \{6^5, 3^{24}, 2^{25}\})$	178956970
6	$\mathcal{O}(0; \{6^5, 3^{27}, 2^{21}\})$	1431655766

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^5, 3^{30}, 2^{17}\})$	11453246122
6	$\mathcal{O}(0; \{6^5, 3^{33}, 2^{13}\})$	91625968982
6	$\mathcal{O}(0; \{6^5, 3^{36}, 2^9\})$	733007751850
6	$\mathcal{O}(0; \{6^5, 3^{39}, 2^5\})$	5864062014806
6	$\mathcal{O}(0; \{6^5, 3^{42}, 2\})$	46912496118442
6	$\mathcal{O}(0; \{6^6, 3, 2^{54}\})$	42
6	$\mathcal{O}(0; \{6^6, 3^4, 2^{50}\})$	342
6	$\mathcal{O}(0; \{6^6, 3^7, 2^{46}\})$	2730
6	$\mathcal{O}(0; \{6^6, 3^{10}, 2^{42}\})$	21846
6	$\mathcal{O}(0; \{6^6, 3^{13}, 2^{38}\})$	174762
6	$\mathcal{O}(0; \{6^6, 3^{16}, 2^{34}\})$	1398102
6	$\mathcal{O}(0; \{6^6, 3^{19}, 2^{30}\})$	11184810
6	$\mathcal{O}(0; \{6^6, 3^{22}, 2^{26}\})$	89478486
6	$\mathcal{O}(0; \{6^6, 3^{25}, 2^{22}\})$	715827882
6	$\mathcal{O}(0; \{6^6, 3^{28}, 2^{18}\})$	5726623062
6	$\mathcal{O}(0; \{6^6, 3^{31}, 2^{14}\})$	45812984490
6	$\mathcal{O}(0; \{6^6, 3^{34}, 2^{10}\})$	366503875926
6	$\mathcal{O}(0; \{6^6, 3^{37}, 2^6\})$	2932031007402
6	$\mathcal{O}(0; \{6^6, 3^{40}, 2^2\})$	23456248059222
6	$\mathcal{O}(0; \{6^7, 3^2, 2^{51}\})$	170
6	$\mathcal{O}(0; \{6^7, 3^5, 2^{47}\})$	1366
6	$\mathcal{O}(0; \{6^7, 3^8, 2^{43}\})$	10922
6	$\mathcal{O}(0; \{6^7, 3^{11}, 2^{39}\})$	87382
6	$\mathcal{O}(0; \{6^7, 3^{14}, 2^{35}\})$	699050
6	$\mathcal{O}(0; \{6^7, 3^{17}, 2^{31}\})$	5592406
6	$\mathcal{O}(0; \{6^7, 3^{20}, 2^{27}\})$	44739242
6	$\mathcal{O}(0; \{6^7, 3^{23}, 2^{23}\})$	357913942
6	$\mathcal{O}(0; \{6^7, 3^{26}, 2^{19}\})$	2863311530
6	$\mathcal{O}(0; \{6^7, 3^{29}, 2^{15}\})$	22906492246
6	$\mathcal{O}(0; \{6^7, 3^{32}, 2^{11}\})$	183251937962
6	$\mathcal{O}(0; \{6^7, 3^{35}, 2^7\})$	1466015503702
6	$\mathcal{O}(0; \{6^7, 3^{38}, 2^3\})$	11728124029610
6	$\mathcal{O}(0; \{6^8, 2^{52}\})$	86
6	$\mathcal{O}(0; \{6^8, 3^3, 2^{48}\})$	682
6	$\mathcal{O}(0; \{6^8, 3^6, 2^{44}\})$	5462
6	$\mathcal{O}(0; \{6^8, 3^9, 2^{40}\})$	43690
6	$\mathcal{O}(0; \{6^8, 3^{12}, 2^{36}\})$	349526
6	$\mathcal{O}(0; \{6^8, 3^{15}, 2^{32}\})$	2796202
6	$\mathcal{O}(0; \{6^8, 3^{18}, 2^{28}\})$	22369622
6	$\mathcal{O}(0; \{6^8, 3^{21}, 2^{24}\})$	178956970
6	$\mathcal{O}(0; \{6^8, 3^{24}, 2^{20}\})$	1431655766
6	$\mathcal{O}(0; \{6^8, 3^{27}, 2^{16}\})$	11453246122
6	$\mathcal{O}(0; \{6^8, 3^{30}, 2^{12}\})$	91625968982

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^8, 3^{33}, 2^8\})$	733007751850
6	$\mathcal{O}(0; \{6^8, 3^{36}, 2^4\})$	5864062014806
6	$\mathcal{O}(0; \{6^8, 3^{39}\})$	46912496118442
6	$\mathcal{O}(0; \{6^9, 3, 2^{49}\})$	342
6	$\mathcal{O}(0; \{6^9, 3^4, 2^{45}\})$	2730
6	$\mathcal{O}(0; \{6^9, 3^7, 2^{41}\})$	21846
6	$\mathcal{O}(0; \{6^9, 3^{10}, 2^{37}\})$	174762
6	$\mathcal{O}(0; \{6^9, 3^{13}, 2^{33}\})$	1398102
6	$\mathcal{O}(0; \{6^9, 3^{16}, 2^{29}\})$	11184810
6	$\mathcal{O}(0; \{6^9, 3^{19}, 2^{25}\})$	89478486
6	$\mathcal{O}(0; \{6^9, 3^{22}, 2^{21}\})$	715827882
6	$\mathcal{O}(0; \{6^9, 3^{25}, 2^{17}\})$	5726623062
6	$\mathcal{O}(0; \{6^9, 3^{28}, 2^{13}\})$	45812984490
6	$\mathcal{O}(0; \{6^9, 3^{31}, 2^9\})$	366503875926
6	$\mathcal{O}(0; \{6^9, 3^{34}, 2^5\})$	2932031007402
6	$\mathcal{O}(0; \{6^9, 3^{37}, 2\})$	23456248059222
6	$\mathcal{O}(0; \{6^{10}, 3^2, 2^{46}\})$	1366
6	$\mathcal{O}(0; \{6^{10}, 3^5, 2^{42}\})$	10922
6	$\mathcal{O}(0; \{6^{10}, 3^8, 2^{38}\})$	87382
6	$\mathcal{O}(0; \{6^{10}, 3^{11}, 2^{34}\})$	699050
6	$\mathcal{O}(0; \{6^{10}, 3^{14}, 2^{30}\})$	5592406
6	$\mathcal{O}(0; \{6^{10}, 3^{17}, 2^{26}\})$	44739242
6	$\mathcal{O}(0; \{6^{10}, 3^{20}, 2^{22}\})$	357913942
6	$\mathcal{O}(0; \{6^{10}, 3^{23}, 2^{18}\})$	2863311530
6	$\mathcal{O}(0; \{6^{10}, 3^{26}, 2^{14}\})$	22906492246
6	$\mathcal{O}(0; \{6^{10}, 3^{29}, 2^{10}\})$	183251937962
6	$\mathcal{O}(0; \{6^{10}, 3^{32}, 2^6\})$	1466015503702
6	$\mathcal{O}(0; \{6^{10}, 3^{35}, 2^2\})$	11728124029610
6	$\mathcal{O}(0; \{6^{11}, 2^{47}\})$	682
6	$\mathcal{O}(0; \{6^{11}, 3^3, 2^{43}\})$	5462
6	$\mathcal{O}(0; \{6^{11}, 3^6, 2^{39}\})$	43690
6	$\mathcal{O}(0; \{6^{11}, 3^9, 2^{35}\})$	349526
6	$\mathcal{O}(0; \{6^{11}, 3^{12}, 2^{31}\})$	2796202
6	$\mathcal{O}(0; \{6^{11}, 3^{15}, 2^{27}\})$	22369622
6	$\mathcal{O}(0; \{6^{11}, 3^{18}, 2^{23}\})$	178956970
6	$\mathcal{O}(0; \{6^{11}, 3^{21}, 2^{19}\})$	1431655766
6	$\mathcal{O}(0; \{6^{11}, 3^{24}, 2^{15}\})$	11453246122
6	$\mathcal{O}(0; \{6^{11}, 3^{27}, 2^{11}\})$	91625968982
6	$\mathcal{O}(0; \{6^{11}, 3^{30}, 2^7\})$	733007751850
6	$\mathcal{O}(0; \{6^{11}, 3^{33}, 2^3\})$	5864062014806
6	$\mathcal{O}(0; \{6^{12}, 3, 2^{44}\})$	2730
6	$\mathcal{O}(0; \{6^{12}, 3^4, 2^{40}\})$	21846
6	$\mathcal{O}(0; \{6^{12}, 3^7, 2^{36}\})$	174762

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{12}, 3^{10}, 2^{32}\})$	1398102
6	$\mathcal{O}(0; \{6^{12}, 3^{13}, 2^{28}\})$	11184810
6	$\mathcal{O}(0; \{6^{12}, 3^{16}, 2^{24}\})$	89478486
6	$\mathcal{O}(0; \{6^{12}, 3^{19}, 2^{20}\})$	715827882
6	$\mathcal{O}(0; \{6^{12}, 3^{22}, 2^{16}\})$	5726623062
6	$\mathcal{O}(0; \{6^{12}, 3^{25}, 2^{12}\})$	45812984490
6	$\mathcal{O}(0; \{6^{12}, 3^{28}, 2^8\})$	366503875926
6	$\mathcal{O}(0; \{6^{12}, 3^{31}, 2^4\})$	2932031007402
6	$\mathcal{O}(0; \{6^{12}, 3^{34}\})$	23456248059222
6	$\mathcal{O}(0; \{6^{13}, 3^2, 2^{41}\})$	10922
6	$\mathcal{O}(0; \{6^{13}, 3^5, 2^{37}\})$	87382
6	$\mathcal{O}(0; \{6^{13}, 3^8, 2^{33}\})$	699050
6	$\mathcal{O}(0; \{6^{13}, 3^{11}, 2^{29}\})$	5592406
6	$\mathcal{O}(0; \{6^{13}, 3^{14}, 2^{25}\})$	44739242
6	$\mathcal{O}(0; \{6^{13}, 3^{17}, 2^{21}\})$	357913942
6	$\mathcal{O}(0; \{6^{13}, 3^{20}, 2^{17}\})$	2863311530
6	$\mathcal{O}(0; \{6^{13}, 3^{23}, 2^{13}\})$	22906492246
6	$\mathcal{O}(0; \{6^{13}, 3^{26}, 2^9\})$	183251937962
6	$\mathcal{O}(0; \{6^{13}, 3^{29}, 2^5\})$	1466015503702
6	$\mathcal{O}(0; \{6^{13}, 3^{32}, 2\})$	11728124029610
6	$\mathcal{O}(0; \{6^{14}, 2^{42}\})$	5462
6	$\mathcal{O}(0; \{6^{14}, 3^3, 2^{38}\})$	43690
6	$\mathcal{O}(0; \{6^{14}, 3^6, 2^{34}\})$	349526
6	$\mathcal{O}(0; \{6^{14}, 3^9, 2^{30}\})$	2796202
6	$\mathcal{O}(0; \{6^{14}, 3^{12}, 2^{26}\})$	22369622
6	$\mathcal{O}(0; \{6^{14}, 3^{15}, 2^{22}\})$	178956970
6	$\mathcal{O}(0; \{6^{14}, 3^{18}, 2^{18}\})$	1431655766
6	$\mathcal{O}(0; \{6^{14}, 3^{21}, 2^{14}\})$	11453246122
6	$\mathcal{O}(0; \{6^{14}, 3^{24}, 2^{10}\})$	91625968982
6	$\mathcal{O}(0; \{6^{14}, 3^{27}, 2^6\})$	733007751850
6	$\mathcal{O}(0; \{6^{14}, 3^{30}, 2^2\})$	5864062014806
6	$\mathcal{O}(0; \{6^{15}, 3, 2^{39}\})$	21846
6	$\mathcal{O}(0; \{6^{15}, 3^4, 2^{35}\})$	174762
6	$\mathcal{O}(0; \{6^{15}, 3^7, 2^{31}\})$	1398102
6	$\mathcal{O}(0; \{6^{15}, 3^{10}, 2^{27}\})$	11184810
6	$\mathcal{O}(0; \{6^{15}, 3^{13}, 2^{23}\})$	89478486
6	$\mathcal{O}(0; \{6^{15}, 3^{16}, 2^{19}\})$	715827882
6	$\mathcal{O}(0; \{6^{15}, 3^{19}, 2^{15}\})$	5726623062
6	$\mathcal{O}(0; \{6^{15}, 3^{22}, 2^{11}\})$	45812984490
6	$\mathcal{O}(0; \{6^{15}, 3^{25}, 2^7\})$	366503875926
6	$\mathcal{O}(0; \{6^{15}, 3^{28}, 2^3\})$	2932031007402
6	$\mathcal{O}(0; \{6^{16}, 3^2, 2^{36}\})$	87382
6	$\mathcal{O}(0; \{6^{16}, 3^5, 2^{32}\})$	699050

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{16}, 3^8, 2^{28}\})$	5592406
6	$\mathcal{O}(0; \{6^{16}, 3^{11}, 2^{24}\})$	44739242
6	$\mathcal{O}(0; \{6^{16}, 3^{14}, 2^{20}\})$	357913942
6	$\mathcal{O}(0; \{6^{16}, 3^{17}, 2^{16}\})$	2863311530
6	$\mathcal{O}(0; \{6^{16}, 3^{20}, 2^{12}\})$	22906492246
6	$\mathcal{O}(0; \{6^{16}, 3^{23}, 2^8\})$	183251937962
6	$\mathcal{O}(0; \{6^{16}, 3^{26}, 2^4\})$	1466015503702
6	$\mathcal{O}(0; \{6^{16}, 3^{29}\})$	11728124029610
6	$\mathcal{O}(0; \{6^{17}, 2^{37}\})$	43690
6	$\mathcal{O}(0; \{6^{17}, 3^3, 2^{33}\})$	349526
6	$\mathcal{O}(0; \{6^{17}, 3^6, 2^{29}\})$	2796202
6	$\mathcal{O}(0; \{6^{17}, 3^9, 2^{25}\})$	22369622
6	$\mathcal{O}(0; \{6^{17}, 3^{12}, 2^{21}\})$	178956970
6	$\mathcal{O}(0; \{6^{17}, 3^{15}, 2^{17}\})$	1431655766
6	$\mathcal{O}(0; \{6^{17}, 3^{18}, 2^{13}\})$	11453246122
6	$\mathcal{O}(0; \{6^{17}, 3^{21}, 2^9\})$	91625968982
6	$\mathcal{O}(0; \{6^{17}, 3^{24}, 2^5\})$	733007751850
6	$\mathcal{O}(0; \{6^{17}, 3^{27}, 2\})$	5864062014806
6	$\mathcal{O}(0; \{6^{18}, 3, 2^{34}\})$	174762
6	$\mathcal{O}(0; \{6^{18}, 3^4, 2^{30}\})$	1398102
6	$\mathcal{O}(0; \{6^{18}, 3^7, 2^{26}\})$	11184810
6	$\mathcal{O}(0; \{6^{18}, 3^{10}, 2^{22}\})$	89478486
6	$\mathcal{O}(0; \{6^{18}, 3^{13}, 2^{18}\})$	715827882
6	$\mathcal{O}(0; \{6^{18}, 3^{16}, 2^{14}\})$	5726623062
6	$\mathcal{O}(0; \{6^{18}, 3^{19}, 2^{10}\})$	45812984490
6	$\mathcal{O}(0; \{6^{18}, 3^{22}, 2^6\})$	366503875926
6	$\mathcal{O}(0; \{6^{18}, 3^{25}, 2^2\})$	2932031007402
6	$\mathcal{O}(0; \{6^{19}, 3^2, 2^{31}\})$	699050
6	$\mathcal{O}(0; \{6^{19}, 3^5, 2^{27}\})$	5592406
6	$\mathcal{O}(0; \{6^{19}, 3^8, 2^{23}\})$	44739242
6	$\mathcal{O}(0; \{6^{19}, 3^{11}, 2^{19}\})$	357913942
6	$\mathcal{O}(0; \{6^{19}, 3^{14}, 2^{15}\})$	2863311530
6	$\mathcal{O}(0; \{6^{19}, 3^{17}, 2^{11}\})$	22906492246
6	$\mathcal{O}(0; \{6^{19}, 3^{20}, 2^7\})$	183251937962
6	$\mathcal{O}(0; \{6^{19}, 3^{23}, 2^3\})$	1466015503702
6	$\mathcal{O}(0; \{6^{20}, 2^{32}\})$	349526
6	$\mathcal{O}(0; \{6^{20}, 3^3, 2^{28}\})$	2796202
6	$\mathcal{O}(0; \{6^{20}, 3^6, 2^{24}\})$	22369622
6	$\mathcal{O}(0; \{6^{20}, 3^9, 2^{20}\})$	178956970
6	$\mathcal{O}(0; \{6^{20}, 3^{12}, 2^{16}\})$	1431655766
6	$\mathcal{O}(0; \{6^{20}, 3^{15}, 2^{12}\})$	11453246122
6	$\mathcal{O}(0; \{6^{20}, 3^{18}, 2^8\})$	91625968982
6	$\mathcal{O}(0; \{6^{20}, 3^{21}, 2^4\})$	733007751850

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{20}, 3^{24}\})$	5864062014806
6	$\mathcal{O}(0; \{6^{21}, 3, 2^{29}\})$	1398102
6	$\mathcal{O}(0; \{6^{21}, 3^4, 2^{25}\})$	11184810
6	$\mathcal{O}(0; \{6^{21}, 3^7, 2^{21}\})$	89478486
6	$\mathcal{O}(0; \{6^{21}, 3^{10}, 2^{17}\})$	715827882
6	$\mathcal{O}(0; \{6^{21}, 3^{13}, 2^{13}\})$	5726623062
6	$\mathcal{O}(0; \{6^{21}, 3^{16}, 2^9\})$	45812984490
6	$\mathcal{O}(0; \{6^{21}, 3^{19}, 2^5\})$	366503875926
6	$\mathcal{O}(0; \{6^{21}, 3^{22}, 2\})$	2932031007402
6	$\mathcal{O}(0; \{6^{22}, 3^2, 2^{26}\})$	5592406
6	$\mathcal{O}(0; \{6^{22}, 3^5, 2^{22}\})$	44739242
6	$\mathcal{O}(0; \{6^{22}, 3^8, 2^{18}\})$	357913942
6	$\mathcal{O}(0; \{6^{22}, 3^{11}, 2^{14}\})$	2863311530
6	$\mathcal{O}(0; \{6^{22}, 3^{14}, 2^{10}\})$	22906492246
6	$\mathcal{O}(0; \{6^{22}, 3^{17}, 2^6\})$	183251937962
6	$\mathcal{O}(0; \{6^{22}, 3^{20}, 2^2\})$	1466015503702
6	$\mathcal{O}(0; \{6^{23}, 2^{27}\})$	2796202
6	$\mathcal{O}(0; \{6^{23}, 3^3, 2^{23}\})$	22369622
6	$\mathcal{O}(0; \{6^{23}, 3^6, 2^{19}\})$	178956970
6	$\mathcal{O}(0; \{6^{23}, 3^9, 2^{15}\})$	1431655766
6	$\mathcal{O}(0; \{6^{23}, 3^{12}, 2^{11}\})$	11453246122
6	$\mathcal{O}(0; \{6^{23}, 3^{15}, 2^7\})$	91625968982
6	$\mathcal{O}(0; \{6^{23}, 3^{18}, 2^3\})$	733007751850
6	$\mathcal{O}(0; \{6^{24}, 3, 2^{24}\})$	11184810
6	$\mathcal{O}(0; \{6^{24}, 3^4, 2^{20}\})$	89478486
6	$\mathcal{O}(0; \{6^{24}, 3^7, 2^{16}\})$	715827882
6	$\mathcal{O}(0; \{6^{24}, 3^{10}, 2^{12}\})$	5726623062
6	$\mathcal{O}(0; \{6^{24}, 3^{13}, 2^8\})$	45812984490
6	$\mathcal{O}(0; \{6^{24}, 3^{16}, 2^4\})$	366503875926
6	$\mathcal{O}(0; \{6^{24}, 3^{19}\})$	2932031007402
6	$\mathcal{O}(0; \{6^{25}, 3^2, 2^{21}\})$	44739242
6	$\mathcal{O}(0; \{6^{25}, 3^5, 2^{17}\})$	357913942
6	$\mathcal{O}(0; \{6^{25}, 3^8, 2^{13}\})$	2863311530
6	$\mathcal{O}(0; \{6^{25}, 3^{11}, 2^9\})$	22906492246
6	$\mathcal{O}(0; \{6^{25}, 3^{14}, 2^5\})$	183251937962
6	$\mathcal{O}(0; \{6^{25}, 3^{17}, 2\})$	1466015503702
6	$\mathcal{O}(0; \{6^{26}, 2^{22}\})$	22369622
6	$\mathcal{O}(0; \{6^{26}, 3^3, 2^{18}\})$	178956970
6	$\mathcal{O}(0; \{6^{26}, 3^6, 2^{14}\})$	1431655766
6	$\mathcal{O}(0; \{6^{26}, 3^9, 2^{10}\})$	11453246122
6	$\mathcal{O}(0; \{6^{26}, 3^{12}, 2^6\})$	91625968982
6	$\mathcal{O}(0; \{6^{26}, 3^{15}, 2^2\})$	733007751850
6	$\mathcal{O}(0; \{6^{27}, 3, 2^{19}\})$	89478486

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{27}, 3^4, 2^{15}\})$	715827882
6	$\mathcal{O}(0; \{6^{27}, 3^7, 2^{11}\})$	5726623062
6	$\mathcal{O}(0; \{6^{27}, 3^{10}, 2^7\})$	45812984490
6	$\mathcal{O}(0; \{6^{27}, 3^{13}, 2^3\})$	366503875926
6	$\mathcal{O}(0; \{6^{28}, 3^2, 2^{16}\})$	357913942
6	$\mathcal{O}(0; \{6^{28}, 3^5, 2^{12}\})$	2863311530
6	$\mathcal{O}(0; \{6^{28}, 3^8, 2^8\})$	22906492246
6	$\mathcal{O}(0; \{6^{28}, 3^{11}, 2^4\})$	183251937962
6	$\mathcal{O}(0; \{6^{28}, 3^{14}\})$	1466015503702
6	$\mathcal{O}(0; \{6^{29}, 2^{17}\})$	178956970
6	$\mathcal{O}(0; \{6^{29}, 3^3, 2^{13}\})$	1431655766
6	$\mathcal{O}(0; \{6^{29}, 3^6, 2^9\})$	11453246122
6	$\mathcal{O}(0; \{6^{29}, 3^9, 2^5\})$	91625968982
6	$\mathcal{O}(0; \{6^{29}, 3^{12}, 2\})$	733007751850
6	$\mathcal{O}(0; \{6^{30}, 3, 2^{14}\})$	715827882
6	$\mathcal{O}(0; \{6^{30}, 3^4, 2^{10}\})$	5726623062
6	$\mathcal{O}(0; \{6^{30}, 3^7, 2^6\})$	45812984490
6	$\mathcal{O}(0; \{6^{30}, 3^{10}, 2^2\})$	366503875926
6	$\mathcal{O}(0; \{6^{31}, 3^2, 2^{11}\})$	2863311530
6	$\mathcal{O}(0; \{6^{31}, 3^5, 2^7\})$	22906492246
6	$\mathcal{O}(0; \{6^{31}, 3^8, 2^3\})$	183251937962
6	$\mathcal{O}(0; \{6^{32}, 2^{12}\})$	1431655766
6	$\mathcal{O}(0; \{6^{32}, 3^3, 2^8\})$	11453246122
6	$\mathcal{O}(0; \{6^{32}, 3^6, 2^4\})$	91625968982
6	$\mathcal{O}(0; \{6^{32}, 3^9\})$	733007751850
6	$\mathcal{O}(0; \{6^{33}, 3, 2^9\})$	5726623062
6	$\mathcal{O}(0; \{6^{33}, 3^4, 2^5\})$	45812984490
6	$\mathcal{O}(0; \{6^{33}, 3^7, 2\})$	366503875926
6	$\mathcal{O}(0; \{6^{34}, 3^2, 2^6\})$	22906492246
6	$\mathcal{O}(0; \{6^{34}, 3^5, 2^2\})$	183251937962
6	$\mathcal{O}(0; \{6^{35}, 2^7\})$	11453246122
6	$\mathcal{O}(0; \{6^{35}, 3^3, 2^3\})$	91625968982
6	$\mathcal{O}(0; \{6^{36}, 3, 2^4\})$	45812984490
6	$\mathcal{O}(0; \{6^{36}, 3^4\})$	366503875926
6	$\mathcal{O}(0; \{6^{37}, 3^2, 2\})$	183251937962
6	$\mathcal{O}(0; \{6^{38}, 2^2\})$	91625968982
7	$\mathcal{O}(12; \{7^5\})$	212655166832428719985110
7	$\mathcal{O}(9; \{7^{12}\})$	506385995057736211498794
7	$\mathcal{O}(6; \{7^{19}\})$	1204903310030268977534070
7	$\mathcal{O}(3; \{7^{26}\})$	2866967105514170946259434
7	$\mathcal{O}(0; \{7^{33}\})$	6821709522811200758050230
8	$\mathcal{O}(12; \{2^2\})$	4722366201394668503040
8	$\mathcal{O}(11; \{2^6\})$	73786958702652162048

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(11; \{4^2, 2^3\})$	147573917405304324096
8	$\mathcal{O}(11; \{4^4\})$	590295669621217296384
8	$\mathcal{O}(11; \{8^2, 4, 2\})$	590295810358705651712
8	$\mathcal{O}(10; \{2^{10}\})$	1152920405095219200
8	$\mathcal{O}(10; \{4^2, 2^7\})$	2305840810190438400
8	$\mathcal{O}(10; \{4^4, 2^4\})$	9223363240761753600
8	$\mathcal{O}(10; \{4^6, 2\})$	36893452963047014400
8	$\mathcal{O}(10; \{8^2, 4, 2^5\})$	9223372036854775808
8	$\mathcal{O}(10; \{8^2, 4^3, 2^2\})$	36893488147419103232
8	$\mathcal{O}(10; \{8^4, 2^3\})$	73786976294838206464
8	$\mathcal{O}(10; \{8^4, 4^2\})$	295147905179352825856
8	$\mathcal{O}(9; \{2^{14}\})$	18014329790005248
8	$\mathcal{O}(9; \{4^2, 2^{11}\})$	36028659580010496
8	$\mathcal{O}(9; \{4^4, 2^8\})$	144114638320041984
8	$\mathcal{O}(9; \{4^6, 2^5\})$	576458553280167936
8	$\mathcal{O}(9; \{4^8, 2^2\})$	2305834213120671744
8	$\mathcal{O}(9; \{8^2, 4, 2^9\})$	144115188075855872
8	$\mathcal{O}(9; \{8^2, 4^3, 2^6\})$	576460752303423488
8	$\mathcal{O}(9; \{8^2, 4^5, 2^3\})$	2305843009213693952
8	$\mathcal{O}(9; \{8^2, 4^7\})$	9223372036854775808
8	$\mathcal{O}(9; \{8^4, 2^7\})$	1152921504606846976
8	$\mathcal{O}(9; \{8^4, 4^2, 2^4\})$	4611686018427387904
8	$\mathcal{O}(9; \{8^4, 4^4, 2\})$	18446744073709551616
8	$\mathcal{O}(9; \{8^6, 4, 2^2\})$	36893488147419103232
8	$\mathcal{O}(9; \{8^8\})$	295147905179352825856
8	$\mathcal{O}(8; \{2^{18}\})$	281470681743360
8	$\mathcal{O}(8; \{4^2, 2^{15}\})$	562941363486720
8	$\mathcal{O}(8; \{4^4, 2^{12}\})$	2251765453946880
8	$\mathcal{O}(8; \{4^6, 2^9\})$	9007061815787520
8	$\mathcal{O}(8; \{4^8, 2^6\})$	36028247263150080
8	$\mathcal{O}(8; \{4^{10}, 2^3\})$	144112989052600320
8	$\mathcal{O}(8; \{4^{12}\})$	576451956210401280
8	$\mathcal{O}(8; \{8^2, 4, 2^{13}\})$	2251799813685248
8	$\mathcal{O}(8; \{8^2, 4^3, 2^{10}\})$	9007199254740992
8	$\mathcal{O}(8; \{8^2, 4^5, 2^7\})$	36028797018963968
8	$\mathcal{O}(8; \{8^2, 4^7, 2^4\})$	144115188075855872
8	$\mathcal{O}(8; \{8^2, 4^9, 2\})$	576460752303423488
8	$\mathcal{O}(8; \{8^4, 2^{11}\})$	18014398509481984
8	$\mathcal{O}(8; \{8^4, 4^2, 2^8\})$	72057594037927936
8	$\mathcal{O}(8; \{8^4, 4^4, 2^5\})$	288230376151711744
8	$\mathcal{O}(8; \{8^4, 4^6, 2^2\})$	1152921504606846976
8	$\mathcal{O}(8; \{8^6, 4, 2^6\})$	576460752303423488
8	$\mathcal{O}(8; \{8^6, 4^3, 2^3\})$	2305843009213693952

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(8; \{8^6, 4^5\})$	9223372036854775808
8	$\mathcal{O}(8; \{8^8, 2^4\})$	4611686018427387904
8	$\mathcal{O}(8; \{8^8, 4^2, 2\})$	18446744073709551616
8	$\mathcal{O}(7; \{2^{22}\})$	4397778075648
8	$\mathcal{O}(7; \{4^2, 2^{19}\})$	8795556151296
8	$\mathcal{O}(7; \{4^4, 2^{16}\})$	35182224605184
8	$\mathcal{O}(7; \{4^6, 2^{13}\})$	140728898420736
8	$\mathcal{O}(7; \{4^8, 2^{10}\})$	562915593682944
8	$\mathcal{O}(7; \{4^{10}, 2^7\})$	2251662374731776
8	$\mathcal{O}(7; \{4^{12}, 2^4\})$	9006649498927104
8	$\mathcal{O}(7; \{4^{14}, 2\})$	36026597995708416
8	$\mathcal{O}(7; \{8^2, 4, 2^{17}\})$	35184372088832
8	$\mathcal{O}(7; \{8^2, 4^3, 2^{14}\})$	140737488355328
8	$\mathcal{O}(7; \{8^2, 4^5, 2^{11}\})$	562949953421312
8	$\mathcal{O}(7; \{8^2, 4^7, 2^8\})$	2251799813685248
8	$\mathcal{O}(7; \{8^2, 4^9, 2^5\})$	9007199254740992
8	$\mathcal{O}(7; \{8^2, 4^{11}, 2^2\})$	36028797018963968
8	$\mathcal{O}(7; \{8^4, 2^{15}\})$	281474976710656
8	$\mathcal{O}(7; \{8^4, 4^2, 2^{12}\})$	112589906842624
8	$\mathcal{O}(7; \{8^4, 4^4, 2^9\})$	4503599627370496
8	$\mathcal{O}(7; \{8^4, 4^6, 2^6\})$	18014398509481984
8	$\mathcal{O}(7; \{8^4, 4^8, 2^3\})$	72057594037927936
8	$\mathcal{O}(7; \{8^4, 4^{10}\})$	288230376151711744
8	$\mathcal{O}(7; \{8^6, 4, 2^{10}\})$	9007199254740992
8	$\mathcal{O}(7; \{8^6, 4^3, 2^7\})$	36028797018963968
8	$\mathcal{O}(7; \{8^6, 4^5, 2^4\})$	144115188075855872
8	$\mathcal{O}(7; \{8^6, 4^7, 2\})$	576460752303423488
8	$\mathcal{O}(7; \{8^8, 2^8\})$	72057594037927936
8	$\mathcal{O}(7; \{8^8, 4^2, 2^5\})$	288230376151711744
8	$\mathcal{O}(7; \{8^8, 4^4, 2^2\})$	1152921504606846976
8	$\mathcal{O}(7; \{8^{10}, 4, 2^3\})$	2305843009213693952
8	$\mathcal{O}(7; \{8^{10}, 4^3\})$	9223372036854775808
8	$\mathcal{O}(7; \{8^{12}, 2\})$	18446744073709551616
8	$\mathcal{O}(6; \{2^{26}\})$	68702699520
8	$\mathcal{O}(6; \{4^2, 2^{23}\})$	137405399040
8	$\mathcal{O}(6; \{4^4, 2^{20}\})$	549621596160
8	$\mathcal{O}(6; \{4^6, 2^{17}\})$	2198486384640
8	$\mathcal{O}(6; \{4^8, 2^{14}\})$	8793945538560
8	$\mathcal{O}(6; \{4^{10}, 2^{11}\})$	35175782154240
8	$\mathcal{O}(6; \{4^{12}, 2^8\})$	140703128616960
8	$\mathcal{O}(6; \{4^{14}, 2^5\})$	562812514467840
8	$\mathcal{O}(6; \{4^{16}, 2^2\})$	2251250057871360
8	$\mathcal{O}(6; \{8^2, 4, 2^{21}\})$	549755813888

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(6; \{8^2, 4^3, 2^{18}\})$	2199023255552
8	$\mathcal{O}(6; \{8^2, 4^5, 2^{15}\})$	8796093022208
8	$\mathcal{O}(6; \{8^2, 4^7, 2^{12}\})$	35184372088832
8	$\mathcal{O}(6; \{8^2, 4^9, 2^9\})$	140737488355328
8	$\mathcal{O}(6; \{8^2, 4^{11}, 2^6\})$	562949953421312
8	$\mathcal{O}(6; \{8^2, 4^{13}, 2^3\})$	2251799813685248
8	$\mathcal{O}(6; \{8^2, 4^{15}\})$	9007199254740992
8	$\mathcal{O}(6; \{8^4, 2^{19}\})$	4398046511104
8	$\mathcal{O}(6; \{8^4, 4^2, 2^{16}\})$	17592186044416
8	$\mathcal{O}(6; \{8^4, 4^4, 2^{13}\})$	70368744177664
8	$\mathcal{O}(6; \{8^4, 4^6, 2^{10}\})$	281474976710656
8	$\mathcal{O}(6; \{8^4, 4^8, 2^7\})$	1125899906842624
8	$\mathcal{O}(6; \{8^4, 4^{10}, 2^4\})$	4503599627370496
8	$\mathcal{O}(6; \{8^4, 4^{12}, 2\})$	18014398509481984
8	$\mathcal{O}(6; \{8^6, 4, 2^{14}\})$	140737488355328
8	$\mathcal{O}(6; \{8^6, 4^3, 2^{11}\})$	562949953421312
8	$\mathcal{O}(6; \{8^6, 4^5, 2^8\})$	2251799813685248
8	$\mathcal{O}(6; \{8^6, 4^7, 2^5\})$	9007199254740992
8	$\mathcal{O}(6; \{8^6, 4^9, 2^2\})$	36028797018963968
8	$\mathcal{O}(6; \{8^8, 2^{12}\})$	1125899906842624
8	$\mathcal{O}(6; \{8^8, 4^2, 2^9\})$	4503599627370496
8	$\mathcal{O}(6; \{8^8, 4^4, 2^6\})$	18014398509481984
8	$\mathcal{O}(6; \{8^8, 4^6, 2^3\})$	72057594037927936
8	$\mathcal{O}(6; \{8^8, 4^8\})$	288230376151711744
8	$\mathcal{O}(6; \{8^{10}, 4, 2^7\})$	36028797018963968
8	$\mathcal{O}(6; \{8^{10}, 4^3, 2^4\})$	144115188075855872
8	$\mathcal{O}(6; \{8^{10}, 4^5, 2\})$	576460752303423488
8	$\mathcal{O}(6; \{8^{12}, 2^5\})$	288230376151711744
8	$\mathcal{O}(6; \{8^{12}, 4^2, 2^2\})$	1152921504606846976
8	$\mathcal{O}(6; \{8^{14}, 4\})$	9223372036854775808
8	$\mathcal{O}(5; \{2^{30}\})$	1072693248
8	$\mathcal{O}(5; \{4^2, 2^{27}\})$	2145386496
8	$\mathcal{O}(5; \{4^4, 2^{24}\})$	8581545984
8	$\mathcal{O}(5; \{4^6, 2^{21}\})$	34326183936
8	$\mathcal{O}(5; \{4^8, 2^{18}\})$	137304735744
8	$\mathcal{O}(5; \{4^{10}, 2^{15}\})$	549218942976
8	$\mathcal{O}(5; \{4^{12}, 2^{12}\})$	2196875771904
8	$\mathcal{O}(5; \{4^{14}, 2^9\})$	8787503087616
8	$\mathcal{O}(5; \{4^{16}, 2^6\})$	35150012350464
8	$\mathcal{O}(5; \{4^{18}, 2^3\})$	140600049401856
8	$\mathcal{O}(5; \{4^{20}\})$	562400197607424
8	$\mathcal{O}(5; \{8^2, 4, 2^{25}\})$	8589934592
8	$\mathcal{O}(5; \{8^2, 4^3, 2^{22}\})$	34359738368

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(5; \{8^2, 4^5, 2^{19}\})$	137438953472
8	$\mathcal{O}(5; \{8^2, 4^7, 2^{16}\})$	549755813888
8	$\mathcal{O}(5; \{8^2, 4^9, 2^{13}\})$	2199023255552
8	$\mathcal{O}(5; \{8^2, 4^{11}, 2^{10}\})$	8796093022208
8	$\mathcal{O}(5; \{8^2, 4^{13}, 2^7\})$	35184372088832
8	$\mathcal{O}(5; \{8^2, 4^{15}, 2^4\})$	140737488355328
8	$\mathcal{O}(5; \{8^2, 4^{17}, 2\})$	562949953421312
8	$\mathcal{O}(5; \{8^4, 2^{23}\})$	68719476736
8	$\mathcal{O}(5; \{8^4, 4^2, 2^{20}\})$	274877906944
8	$\mathcal{O}(5; \{8^4, 4^4, 2^{17}\})$	1099511627776
8	$\mathcal{O}(5; \{8^4, 4^6, 2^{14}\})$	4398046511104
8	$\mathcal{O}(5; \{8^4, 4^8, 2^{11}\})$	17592186044416
8	$\mathcal{O}(5; \{8^4, 4^{10}, 2^8\})$	70368744177664
8	$\mathcal{O}(5; \{8^4, 4^{12}, 2^5\})$	281474976710656
8	$\mathcal{O}(5; \{8^4, 4^{14}, 2^2\})$	1125899906842624
8	$\mathcal{O}(5; \{8^6, 4, 2^{18}\})$	2199023255552
8	$\mathcal{O}(5; \{8^6, 4^3, 2^{15}\})$	8796093022208
8	$\mathcal{O}(5; \{8^6, 4^5, 2^{12}\})$	35184372088832
8	$\mathcal{O}(5; \{8^6, 4^7, 2^9\})$	140737488355328
8	$\mathcal{O}(5; \{8^6, 4^9, 2^6\})$	562949953421312
8	$\mathcal{O}(5; \{8^6, 4^{11}, 2^3\})$	2251799813685248
8	$\mathcal{O}(5; \{8^6, 4^{13}\})$	9007199254740992
8	$\mathcal{O}(5; \{8^8, 2^{16}\})$	17592186044416
8	$\mathcal{O}(5; \{8^8, 4^2, 2^{13}\})$	70368744177664
8	$\mathcal{O}(5; \{8^8, 4^4, 2^{10}\})$	281474976710656
8	$\mathcal{O}(5; \{8^8, 4^6, 2^7\})$	1125899906842624
8	$\mathcal{O}(5; \{8^8, 4^8, 2^4\})$	4503599627370496
8	$\mathcal{O}(5; \{8^8, 4^{10}, 2\})$	18014398509481984
8	$\mathcal{O}(5; \{8^{10}, 4, 2^{11}\})$	562949953421312
8	$\mathcal{O}(5; \{8^{10}, 4^3, 2^8\})$	2251799813685248
8	$\mathcal{O}(5; \{8^{10}, 4^5, 2^5\})$	9007199254740992
8	$\mathcal{O}(5; \{8^{10}, 4^7, 2^2\})$	36028797018963968
8	$\mathcal{O}(5; \{8^{12}, 2^9\})$	4503599627370496
8	$\mathcal{O}(5; \{8^{12}, 4^2, 2^6\})$	18014398509481984
8	$\mathcal{O}(5; \{8^{12}, 4^4, 2^3\})$	72057594037927936
8	$\mathcal{O}(5; \{8^{12}, 4^6\})$	288230376151711744
8	$\mathcal{O}(5; \{8^{14}, 4, 2^4\})$	144115188075855872
8	$\mathcal{O}(5; \{8^{14}, 4^3, 2\})$	576460752303423488
8	$\mathcal{O}(5; \{8^{16}, 2^2\})$	1152921504606846976
8	$\mathcal{O}(4; \{2^{34}\})$	16711680
8	$\mathcal{O}(4; \{4^2, 2^{31}\})$	33423360
8	$\mathcal{O}(4; \{4^4, 2^{28}\})$	133693440
8	$\mathcal{O}(4; \{4^6, 2^{25}\})$	534773760

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(4; \{4^8, 2^{22}\})$	2139095040
8	$\mathcal{O}(4; \{4^{10}, 2^{19}\})$	8556380160
8	$\mathcal{O}(4; \{4^{12}, 2^{16}\})$	34225520640
8	$\mathcal{O}(4; \{4^{14}, 2^{13}\})$	136902082560
8	$\mathcal{O}(4; \{4^{16}, 2^{10}\})$	547608330240
8	$\mathcal{O}(4; \{4^{18}, 2^7\})$	2190433320960
8	$\mathcal{O}(4; \{4^{20}, 2^4\})$	8761733283840
8	$\mathcal{O}(4; \{4^{22}, 2\})$	35046933135360
8	$\mathcal{O}(4; \{8^2, 4, 2^{29}\})$	134217728
8	$\mathcal{O}(4; \{8^2, 4^3, 2^{26}\})$	536870912
8	$\mathcal{O}(4; \{8^2, 4^5, 2^{23}\})$	2147483648
8	$\mathcal{O}(4; \{8^2, 4^7, 2^{20}\})$	8589934592
8	$\mathcal{O}(4; \{8^2, 4^9, 2^{17}\})$	34359738368
8	$\mathcal{O}(4; \{8^2, 4^{11}, 2^{14}\})$	137438953472
8	$\mathcal{O}(4; \{8^2, 4^{13}, 2^{11}\})$	549755813888
8	$\mathcal{O}(4; \{8^2, 4^{15}, 2^8\})$	2199023255552
8	$\mathcal{O}(4; \{8^2, 4^{17}, 2^5\})$	8796093022208
8	$\mathcal{O}(4; \{8^2, 4^{19}, 2^2\})$	35184372088832
8	$\mathcal{O}(4; \{8^4, 2^{27}\})$	1073741824
8	$\mathcal{O}(4; \{8^4, 4^2, 2^{24}\})$	4294967296
8	$\mathcal{O}(4; \{8^4, 4^4, 2^{21}\})$	17179869184
8	$\mathcal{O}(4; \{8^4, 4^6, 2^{18}\})$	68719476736
8	$\mathcal{O}(4; \{8^4, 4^8, 2^{15}\})$	274877906944
8	$\mathcal{O}(4; \{8^4, 4^{10}, 2^{12}\})$	1099511627776
8	$\mathcal{O}(4; \{8^4, 4^{12}, 2^9\})$	4398046511104
8	$\mathcal{O}(4; \{8^4, 4^{14}, 2^6\})$	17592186044416
8	$\mathcal{O}(4; \{8^4, 4^{16}, 2^3\})$	70368744177664
8	$\mathcal{O}(4; \{8^4, 4^{18}\})$	281474976710656
8	$\mathcal{O}(4; \{8^6, 4, 2^{22}\})$	34359738368
8	$\mathcal{O}(4; \{8^6, 4^3, 2^{19}\})$	137438953472
8	$\mathcal{O}(4; \{8^6, 4^5, 2^{16}\})$	549755813888
8	$\mathcal{O}(4; \{8^6, 4^7, 2^{13}\})$	2199023255552
8	$\mathcal{O}(4; \{8^6, 4^9, 2^{10}\})$	8796093022208
8	$\mathcal{O}(4; \{8^6, 4^{11}, 2^7\})$	35184372088832
8	$\mathcal{O}(4; \{8^6, 4^{13}, 2^4\})$	140737488355328
8	$\mathcal{O}(4; \{8^6, 4^{15}, 2\})$	562949953421312
8	$\mathcal{O}(4; \{8^8, 2^{20}\})$	274877906944
8	$\mathcal{O}(4; \{8^8, 4^2, 2^{17}\})$	1099511627776
8	$\mathcal{O}(4; \{8^8, 4^4, 2^{14}\})$	4398046511104
8	$\mathcal{O}(4; \{8^8, 4^6, 2^{11}\})$	17592186044416
8	$\mathcal{O}(4; \{8^8, 4^8, 2^8\})$	70368744177664
8	$\mathcal{O}(4; \{8^8, 4^{10}, 2^5\})$	281474976710656
8	$\mathcal{O}(4; \{8^8, 4^{12}, 2^2\})$	1125899906842624

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(4; \{8^{10}, 4, 2^{15}\})$	8796093022208
8	$\mathcal{O}(4; \{8^{10}, 4^3, 2^{12}\})$	35184372088832
8	$\mathcal{O}(4; \{8^{10}, 4^5, 2^9\})$	140737488355328
8	$\mathcal{O}(4; \{8^{10}, 4^7, 2^6\})$	562949953421312
8	$\mathcal{O}(4; \{8^{10}, 4^9, 2^3\})$	2251799813685248
8	$\mathcal{O}(4; \{8^{10}, 4^{11}\})$	9007199254740992
8	$\mathcal{O}(4; \{8^{12}, 2^{13}\})$	70368744177664
8	$\mathcal{O}(4; \{8^{12}, 4^2, 2^{10}\})$	281474976710656
8	$\mathcal{O}(4; \{8^{12}, 4^4, 2^7\})$	1125899906842624
8	$\mathcal{O}(4; \{8^{12}, 4^6, 2^4\})$	4503599627370496
8	$\mathcal{O}(4; \{8^{12}, 4^8, 2\})$	18014398509481984
8	$\mathcal{O}(4; \{8^{14}, 4, 2^8\})$	2251799813685248
8	$\mathcal{O}(4; \{8^{14}, 4^3, 2^5\})$	9007199254740992
8	$\mathcal{O}(4; \{8^{14}, 4^5, 2^2\})$	36028797018963968
8	$\mathcal{O}(4; \{8^{16}, 2^6\})$	18014398509481984
8	$\mathcal{O}(4; \{8^{16}, 4^2, 2^3\})$	72057594037927936
8	$\mathcal{O}(4; \{8^{16}, 4^4\})$	288230376151711744
8	$\mathcal{O}(4; \{8^{18}, 4, 2\})$	576460752303423488
8	$\mathcal{O}(3; \{2^{38}\})$	258048
8	$\mathcal{O}(3; \{4^2, 2^{35}\})$	516096
8	$\mathcal{O}(3; \{4^4, 2^{32}\})$	2064384
8	$\mathcal{O}(3; \{4^6, 2^{29}\})$	8257536
8	$\mathcal{O}(3; \{4^8, 2^{26}\})$	33030144
8	$\mathcal{O}(3; \{4^{10}, 2^{23}\})$	132120576
8	$\mathcal{O}(3; \{4^{12}, 2^{20}\})$	528482304
8	$\mathcal{O}(3; \{4^{14}, 2^{17}\})$	2113929216
8	$\mathcal{O}(3; \{4^{16}, 2^{14}\})$	8455716864
8	$\mathcal{O}(3; \{4^{18}, 2^{11}\})$	33822867456
8	$\mathcal{O}(3; \{4^{20}, 2^8\})$	135291469824
8	$\mathcal{O}(3; \{4^{22}, 2^5\})$	541165879296
8	$\mathcal{O}(3; \{4^{24}, 2^2\})$	2164663517184
8	$\mathcal{O}(3; \{8^2, 4, 2^{33}\})$	2097152
8	$\mathcal{O}(3; \{8^2, 4^3, 2^{30}\})$	8388608
8	$\mathcal{O}(3; \{8^2, 4^5, 2^{27}\})$	33554432
8	$\mathcal{O}(3; \{8^2, 4^7, 2^{24}\})$	134217728
8	$\mathcal{O}(3; \{8^2, 4^9, 2^{21}\})$	536870912
8	$\mathcal{O}(3; \{8^2, 4^{11}, 2^{18}\})$	2147483648
8	$\mathcal{O}(3; \{8^2, 4^{13}, 2^{15}\})$	8589934592
8	$\mathcal{O}(3; \{8^2, 4^{15}, 2^{12}\})$	34359738368
8	$\mathcal{O}(3; \{8^2, 4^{17}, 2^9\})$	137438953472
8	$\mathcal{O}(3; \{8^2, 4^{19}, 2^6\})$	549755813888
8	$\mathcal{O}(3; \{8^2, 4^{21}, 2^3\})$	2199023255552
8	$\mathcal{O}(3; \{8^2, 4^{23}\})$	8796093022208

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(3; \{8^4, 2^{31}\})$	16777216
8	$\mathcal{O}(3; \{8^4, 4^2, 2^{28}\})$	67108864
8	$\mathcal{O}(3; \{8^4, 4^4, 2^{25}\})$	268435456
8	$\mathcal{O}(3; \{8^4, 4^6, 2^{22}\})$	1073741824
8	$\mathcal{O}(3; \{8^4, 4^8, 2^{19}\})$	4294967296
8	$\mathcal{O}(3; \{8^4, 4^{10}, 2^{16}\})$	17179869184
8	$\mathcal{O}(3; \{8^4, 4^{12}, 2^{13}\})$	68719476736
8	$\mathcal{O}(3; \{8^4, 4^{14}, 2^{10}\})$	274877906944
8	$\mathcal{O}(3; \{8^4, 4^{16}, 2^7\})$	1099511627776
8	$\mathcal{O}(3; \{8^4, 4^{18}, 2^4\})$	4398046511104
8	$\mathcal{O}(3; \{8^4, 4^{20}, 2\})$	17592186044416
8	$\mathcal{O}(3; \{8^6, 4, 2^{26}\})$	536870912
8	$\mathcal{O}(3; \{8^6, 4^3, 2^{23}\})$	2147483648
8	$\mathcal{O}(3; \{8^6, 4^5, 2^{20}\})$	8589934592
8	$\mathcal{O}(3; \{8^6, 4^7, 2^{17}\})$	34359738368
8	$\mathcal{O}(3; \{8^6, 4^9, 2^{14}\})$	137438953472
8	$\mathcal{O}(3; \{8^6, 4^{11}, 2^{11}\})$	549755813888
8	$\mathcal{O}(3; \{8^6, 4^{13}, 2^8\})$	2199023255552
8	$\mathcal{O}(3; \{8^6, 4^{15}, 2^5\})$	8796093022208
8	$\mathcal{O}(3; \{8^6, 4^{17}, 2^2\})$	35184372088832
8	$\mathcal{O}(3; \{8^8, 2^{24}\})$	4294967296
8	$\mathcal{O}(3; \{8^8, 4^2, 2^{21}\})$	17179869184
8	$\mathcal{O}(3; \{8^8, 4^4, 2^{18}\})$	68719476736
8	$\mathcal{O}(3; \{8^8, 4^6, 2^{15}\})$	274877906944
8	$\mathcal{O}(3; \{8^8, 4^8, 2^{12}\})$	1099511627776
8	$\mathcal{O}(3; \{8^8, 4^{10}, 2^9\})$	4398046511104
8	$\mathcal{O}(3; \{8^8, 4^{12}, 2^6\})$	17592186044416
8	$\mathcal{O}(3; \{8^8, 4^{14}, 2^3\})$	70368744177664
8	$\mathcal{O}(3; \{8^8, 4^{16}\})$	281474976710656
8	$\mathcal{O}(3; \{8^{10}, 4, 2^{19}\})$	137438953472
8	$\mathcal{O}(3; \{8^{10}, 4^3, 2^{16}\})$	549755813888
8	$\mathcal{O}(3; \{8^{10}, 4^5, 2^{13}\})$	2199023255552
8	$\mathcal{O}(3; \{8^{10}, 4^7, 2^{10}\})$	8796093022208
8	$\mathcal{O}(3; \{8^{10}, 4^9, 2^7\})$	35184372088832
8	$\mathcal{O}(3; \{8^{10}, 4^{11}, 2^4\})$	140737488355328
8	$\mathcal{O}(3; \{8^{10}, 4^{13}, 2\})$	562949953421312
8	$\mathcal{O}(3; \{8^{12}, 2^{17}\})$	1099511627776
8	$\mathcal{O}(3; \{8^{12}, 4^2, 2^{14}\})$	4398046511104
8	$\mathcal{O}(3; \{8^{12}, 4^4, 2^{11}\})$	17592186044416
8	$\mathcal{O}(3; \{8^{12}, 4^6, 2^8\})$	70368744177664
8	$\mathcal{O}(3; \{8^{12}, 4^8, 2^5\})$	281474976710656
8	$\mathcal{O}(3; \{8^{12}, 4^{10}, 2^2\})$	1125899906842624
8	$\mathcal{O}(3; \{8^{14}, 4, 2^{12}\})$	35184372088832

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(3; \{8^{14}, 4^3, 2^9\})$	140737488355328
8	$\mathcal{O}(3; \{8^{14}, 4^5, 2^6\})$	562949953421312
8	$\mathcal{O}(3; \{8^{14}, 4^7, 2^3\})$	2251799813685248
8	$\mathcal{O}(3; \{8^{14}, 4^9\})$	9007199254740992
8	$\mathcal{O}(3; \{8^{16}, 2^{10}\})$	281474976710656
8	$\mathcal{O}(3; \{8^{16}, 4^2, 2^7\})$	1125899906842624
8	$\mathcal{O}(3; \{8^{16}, 4^4, 2^4\})$	4503599627370496
8	$\mathcal{O}(3; \{8^{16}, 4^6, 2\})$	18014398509481984
8	$\mathcal{O}(3; \{8^{18}, 4, 2^5\})$	9007199254740992
8	$\mathcal{O}(3; \{8^{18}, 4^3, 2^2\})$	36028797018963968
8	$\mathcal{O}(3; \{8^{20}, 2^3\})$	72057594037927936
8	$\mathcal{O}(3; \{8^{20}, 4^2\})$	288230376151711744
8	$\mathcal{O}(2; \{2^{42}\})$	3840
8	$\mathcal{O}(2; \{4^2, 2^{39}\})$	7680
8	$\mathcal{O}(2; \{4^4, 2^{36}\})$	30720
8	$\mathcal{O}(2; \{4^6, 2^{33}\})$	122880
8	$\mathcal{O}(2; \{4^8, 2^{30}\})$	491520
8	$\mathcal{O}(2; \{4^{10}, 2^{27}\})$	1966080
8	$\mathcal{O}(2; \{4^{12}, 2^{24}\})$	7864320
8	$\mathcal{O}(2; \{4^{14}, 2^{21}\})$	31457280
8	$\mathcal{O}(2; \{4^{16}, 2^{18}\})$	125829120
8	$\mathcal{O}(2; \{4^{18}, 2^{15}\})$	503316480
8	$\mathcal{O}(2; \{4^{20}, 2^{12}\})$	2013265920
8	$\mathcal{O}(2; \{4^{22}, 2^9\})$	8053063680
8	$\mathcal{O}(2; \{4^{24}, 2^6\})$	32212254720
8	$\mathcal{O}(2; \{4^{26}, 2^3\})$	128849018880
8	$\mathcal{O}(2; \{4^{28}\})$	515396075520
8	$\mathcal{O}(2; \{8^2, 4, 2^{37}\})$	32768
8	$\mathcal{O}(2; \{8^2, 4^3, 2^{34}\})$	131072
8	$\mathcal{O}(2; \{8^2, 4^5, 2^{31}\})$	524288
8	$\mathcal{O}(2; \{8^2, 4^7, 2^{28}\})$	2097152
8	$\mathcal{O}(2; \{8^2, 4^9, 2^{25}\})$	8388608
8	$\mathcal{O}(2; \{8^2, 4^{11}, 2^{22}\})$	33554432
8	$\mathcal{O}(2; \{8^2, 4^{13}, 2^{19}\})$	134217728
8	$\mathcal{O}(2; \{8^2, 4^{15}, 2^{16}\})$	536870912
8	$\mathcal{O}(2; \{8^2, 4^{17}, 2^{13}\})$	2147483648
8	$\mathcal{O}(2; \{8^2, 4^{19}, 2^{10}\})$	8589934592
8	$\mathcal{O}(2; \{8^2, 4^{21}, 2^7\})$	34359738368
8	$\mathcal{O}(2; \{8^2, 4^{23}, 2^4\})$	137438953472
8	$\mathcal{O}(2; \{8^2, 4^{25}, 2\})$	549755813888
8	$\mathcal{O}(2; \{8^4, 2^{35}\})$	262144
8	$\mathcal{O}(2; \{8^4, 4^2, 2^{32}\})$	1048576
8	$\mathcal{O}(2; \{8^4, 4^4, 2^{29}\})$	4194304

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{8^4, 4^6, 2^{26}\})$	16777216
8	$\mathcal{O}(2; \{8^4, 4^8, 2^{23}\})$	67108864
8	$\mathcal{O}(2; \{8^4, 4^{10}, 2^{20}\})$	268435456
8	$\mathcal{O}(2; \{8^4, 4^{12}, 2^{17}\})$	1073741824
8	$\mathcal{O}(2; \{8^4, 4^{14}, 2^{14}\})$	4294967296
8	$\mathcal{O}(2; \{8^4, 4^{16}, 2^{11}\})$	17179869184
8	$\mathcal{O}(2; \{8^4, 4^{18}, 2^8\})$	68719476736
8	$\mathcal{O}(2; \{8^4, 4^{20}, 2^5\})$	274877906944
8	$\mathcal{O}(2; \{8^4, 4^{22}, 2^2\})$	1099511627776
8	$\mathcal{O}(2; \{8^6, 4, 2^{30}\})$	8388608
8	$\mathcal{O}(2; \{8^6, 4^3, 2^{27}\})$	33554432
8	$\mathcal{O}(2; \{8^6, 4^5, 2^{24}\})$	134217728
8	$\mathcal{O}(2; \{8^6, 4^7, 2^{21}\})$	536870912
8	$\mathcal{O}(2; \{8^6, 4^9, 2^{18}\})$	2147483648
8	$\mathcal{O}(2; \{8^6, 4^{11}, 2^{15}\})$	8589934592
8	$\mathcal{O}(2; \{8^6, 4^{13}, 2^{12}\})$	34359738368
8	$\mathcal{O}(2; \{8^6, 4^{15}, 2^9\})$	137438953472
8	$\mathcal{O}(2; \{8^6, 4^{17}, 2^6\})$	549755813888
8	$\mathcal{O}(2; \{8^6, 4^{19}, 2^3\})$	2199023255552
8	$\mathcal{O}(2; \{8^6, 4^{21}\})$	8796093022208
8	$\mathcal{O}(2; \{8^8, 2^{28}\})$	67108864
8	$\mathcal{O}(2; \{8^8, 4^2, 2^{25}\})$	268435456
8	$\mathcal{O}(2; \{8^8, 4^4, 2^{22}\})$	1073741824
8	$\mathcal{O}(2; \{8^8, 4^6, 2^{19}\})$	4294967296
8	$\mathcal{O}(2; \{8^8, 4^8, 2^{16}\})$	17179869184
8	$\mathcal{O}(2; \{8^8, 4^{10}, 2^{13}\})$	68719476736
8	$\mathcal{O}(2; \{8^8, 4^{12}, 2^{10}\})$	274877906944
8	$\mathcal{O}(2; \{8^8, 4^{14}, 2^7\})$	1099511627776
8	$\mathcal{O}(2; \{8^8, 4^{16}, 2^4\})$	4398046511104
8	$\mathcal{O}(2; \{8^8, 4^{18}, 2\})$	17592186044416
8	$\mathcal{O}(2; \{8^{10}, 4, 2^{23}\})$	2147483648
8	$\mathcal{O}(2; \{8^{10}, 4^3, 2^{20}\})$	8589934592
8	$\mathcal{O}(2; \{8^{10}, 4^5, 2^{17}\})$	34359738368
8	$\mathcal{O}(2; \{8^{10}, 4^7, 2^{14}\})$	137438953472
8	$\mathcal{O}(2; \{8^{10}, 4^9, 2^{11}\})$	549755813888
8	$\mathcal{O}(2; \{8^{10}, 4^{11}, 2^8\})$	2199023255552
8	$\mathcal{O}(2; \{8^{10}, 4^{13}, 2^5\})$	8796093022208
8	$\mathcal{O}(2; \{8^{10}, 4^{15}, 2^2\})$	35184372088832
8	$\mathcal{O}(2; \{8^{12}, 2^{21}\})$	17179869184
8	$\mathcal{O}(2; \{8^{12}, 4^2, 2^{18}\})$	68719476736
8	$\mathcal{O}(2; \{8^{12}, 4^4, 2^{15}\})$	274877906944
8	$\mathcal{O}(2; \{8^{12}, 4^6, 2^{12}\})$	1099511627776
8	$\mathcal{O}(2; \{8^{12}, 4^8, 2^9\})$	4398046511104

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{8^{12}, 4^{10}, 2^6\})$	17592186044416
8	$\mathcal{O}(2; \{8^{12}, 4^{12}, 2^3\})$	70368744177664
8	$\mathcal{O}(2; \{8^{12}, 4^{14}\})$	281474976710656
8	$\mathcal{O}(2; \{8^{14}, 4, 2^{16}\})$	549755813888
8	$\mathcal{O}(2; \{8^{14}, 4^3, 2^{13}\})$	2199023255552
8	$\mathcal{O}(2; \{8^{14}, 4^5, 2^{10}\})$	8796093022208
8	$\mathcal{O}(2; \{8^{14}, 4^7, 2^7\})$	35184372088832
8	$\mathcal{O}(2; \{8^{14}, 4^9, 2^4\})$	140737488355328
8	$\mathcal{O}(2; \{8^{14}, 4^{11}, 2\})$	562949953421312
8	$\mathcal{O}(2; \{8^{16}, 2^{14}\})$	4398046511104
8	$\mathcal{O}(2; \{8^{16}, 4^2, 2^{11}\})$	17592186044416
8	$\mathcal{O}(2; \{8^{16}, 4^4, 2^8\})$	70368744177664
8	$\mathcal{O}(2; \{8^{16}, 4^6, 2^5\})$	281474976710656
8	$\mathcal{O}(2; \{8^{16}, 4^8, 2^2\})$	1125899906842624
8	$\mathcal{O}(2; \{8^{18}, 4, 2^9\})$	140737488355328
8	$\mathcal{O}(2; \{8^{18}, 4^3, 2^6\})$	562949953421312
8	$\mathcal{O}(2; \{8^{18}, 4^5, 2^3\})$	2251799813685248
8	$\mathcal{O}(2; \{8^{18}, 4^7\})$	9007199254740992
8	$\mathcal{O}(2; \{8^{20}, 2^7\})$	1125899906842624
8	$\mathcal{O}(2; \{8^{20}, 4^2, 2^4\})$	4503599627370496
8	$\mathcal{O}(2; \{8^{20}, 4^4, 2\})$	18014398509481984
8	$\mathcal{O}(2; \{8^{22}, 4, 2^2\})$	36028797018963968
8	$\mathcal{O}(2; \{8^{24}\})$	288230376151711744
8	$\mathcal{O}(1; \{2^{46}\})$	48
8	$\mathcal{O}(1; \{4^2, 2^{43}\})$	96
8	$\mathcal{O}(1; \{4^4, 2^{40}\})$	384
8	$\mathcal{O}(1; \{4^6, 2^{37}\})$	1536
8	$\mathcal{O}(1; \{4^8, 2^{34}\})$	6144
8	$\mathcal{O}(1; \{4^{10}, 2^{31}\})$	24576
8	$\mathcal{O}(1; \{4^{12}, 2^{28}\})$	98304
8	$\mathcal{O}(1; \{4^{14}, 2^{25}\})$	393216
8	$\mathcal{O}(1; \{4^{16}, 2^{22}\})$	1572864
8	$\mathcal{O}(1; \{4^{18}, 2^{19}\})$	6291456
8	$\mathcal{O}(1; \{4^{20}, 2^{16}\})$	25165824
8	$\mathcal{O}(1; \{4^{22}, 2^{13}\})$	100663296
8	$\mathcal{O}(1; \{4^{24}, 2^{10}\})$	402653184
8	$\mathcal{O}(1; \{4^{26}, 2^7\})$	1610612736
8	$\mathcal{O}(1; \{4^{28}, 2^4\})$	6442450944
8	$\mathcal{O}(1; \{4^{30}, 2\})$	25769803776
8	$\mathcal{O}(1; \{8^2, 4, 2^{41}\})$	512
8	$\mathcal{O}(1; \{8^2, 4^3, 2^{38}\})$	2048
8	$\mathcal{O}(1; \{8^2, 4^5, 2^{35}\})$	8192
8	$\mathcal{O}(1; \{8^2, 4^7, 2^{32}\})$	32768

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{8^2, 4^9, 2^{29}\})$	131072
8	$\mathcal{O}(1; \{8^2, 4^{11}, 2^{26}\})$	524288
8	$\mathcal{O}(1; \{8^2, 4^{13}, 2^{23}\})$	2097152
8	$\mathcal{O}(1; \{8^2, 4^{15}, 2^{20}\})$	8388608
8	$\mathcal{O}(1; \{8^2, 4^{17}, 2^{17}\})$	33554432
8	$\mathcal{O}(1; \{8^2, 4^{19}, 2^{14}\})$	134217728
8	$\mathcal{O}(1; \{8^2, 4^{21}, 2^{11}\})$	536870912
8	$\mathcal{O}(1; \{8^2, 4^{23}, 2^8\})$	2147483648
8	$\mathcal{O}(1; \{8^2, 4^{25}, 2^5\})$	8589934592
8	$\mathcal{O}(1; \{8^2, 4^{27}, 2^2\})$	34359738368
8	$\mathcal{O}(1; \{8^4, 2^{39}\})$	4096
8	$\mathcal{O}(1; \{8^4, 4^2, 2^{36}\})$	16384
8	$\mathcal{O}(1; \{8^4, 4^4, 2^{33}\})$	65536
8	$\mathcal{O}(1; \{8^4, 4^6, 2^{30}\})$	262144
8	$\mathcal{O}(1; \{8^4, 4^8, 2^{27}\})$	1048576
8	$\mathcal{O}(1; \{8^4, 4^{10}, 2^{24}\})$	4194304
8	$\mathcal{O}(1; \{8^4, 4^{12}, 2^{21}\})$	16777216
8	$\mathcal{O}(1; \{8^4, 4^{14}, 2^{18}\})$	67108864
8	$\mathcal{O}(1; \{8^4, 4^{16}, 2^{15}\})$	268435456
8	$\mathcal{O}(1; \{8^4, 4^{18}, 2^{12}\})$	1073741824
8	$\mathcal{O}(1; \{8^4, 4^{20}, 2^9\})$	4294967296
8	$\mathcal{O}(1; \{8^4, 4^{22}, 2^6\})$	17179869184
8	$\mathcal{O}(1; \{8^4, 4^{24}, 2^3\})$	68719476736
8	$\mathcal{O}(1; \{8^4, 4^{26}\})$	274877906944
8	$\mathcal{O}(1; \{8^6, 4, 2^{34}\})$	131072
8	$\mathcal{O}(1; \{8^6, 4^3, 2^{31}\})$	524288
8	$\mathcal{O}(1; \{8^6, 4^5, 2^{28}\})$	2097152
8	$\mathcal{O}(1; \{8^6, 4^7, 2^{25}\})$	8388608
8	$\mathcal{O}(1; \{8^6, 4^9, 2^{22}\})$	33554432
8	$\mathcal{O}(1; \{8^6, 4^{11}, 2^{19}\})$	134217728
8	$\mathcal{O}(1; \{8^6, 4^{13}, 2^{16}\})$	536870912
8	$\mathcal{O}(1; \{8^6, 4^{15}, 2^{13}\})$	2147483648
8	$\mathcal{O}(1; \{8^6, 4^{17}, 2^{10}\})$	8589934592
8	$\mathcal{O}(1; \{8^6, 4^{19}, 2^7\})$	34359738368
8	$\mathcal{O}(1; \{8^6, 4^{21}, 2^4\})$	137438953472
8	$\mathcal{O}(1; \{8^6, 4^{23}, 2\})$	549755813888
8	$\mathcal{O}(1; \{8^8, 2^{32}\})$	1048576
8	$\mathcal{O}(1; \{8^8, 4^2, 2^{29}\})$	4194304
8	$\mathcal{O}(1; \{8^8, 4^4, 2^{26}\})$	16777216
8	$\mathcal{O}(1; \{8^8, 4^6, 2^{23}\})$	67108864
8	$\mathcal{O}(1; \{8^8, 4^8, 2^{20}\})$	268435456
8	$\mathcal{O}(1; \{8^8, 4^{10}, 2^{17}\})$	1073741824
8	$\mathcal{O}(1; \{8^8, 4^{12}, 2^{14}\})$	4294967296

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{8^8, 4^{14}, 2^{11}\})$	17179869184
8	$\mathcal{O}(1; \{8^8, 4^{16}, 2^8\})$	68719476736
8	$\mathcal{O}(1; \{8^8, 4^{18}, 2^5\})$	274877906944
8	$\mathcal{O}(1; \{8^8, 4^{20}, 2^2\})$	1099511627776
8	$\mathcal{O}(1; \{8^{10}, 4, 2^{27}\})$	33554432
8	$\mathcal{O}(1; \{8^{10}, 4^3, 2^{24}\})$	134217728
8	$\mathcal{O}(1; \{8^{10}, 4^5, 2^{21}\})$	536870912
8	$\mathcal{O}(1; \{8^{10}, 4^7, 2^{18}\})$	2147483648
8	$\mathcal{O}(1; \{8^{10}, 4^9, 2^{15}\})$	8589934592
8	$\mathcal{O}(1; \{8^{10}, 4^{11}, 2^{12}\})$	34359738368
8	$\mathcal{O}(1; \{8^{10}, 4^{13}, 2^9\})$	137438953472
8	$\mathcal{O}(1; \{8^{10}, 4^{15}, 2^6\})$	549755813888
8	$\mathcal{O}(1; \{8^{10}, 4^{17}, 2^3\})$	2199023255552
8	$\mathcal{O}(1; \{8^{10}, 4^{19}\})$	8796093022208
8	$\mathcal{O}(1; \{8^{12}, 2^{25}\})$	268435456
8	$\mathcal{O}(1; \{8^{12}, 4^2, 2^{22}\})$	1073741824
8	$\mathcal{O}(1; \{8^{12}, 4^4, 2^{19}\})$	4294967296
8	$\mathcal{O}(1; \{8^{12}, 4^6, 2^{16}\})$	17179869184
8	$\mathcal{O}(1; \{8^{12}, 4^8, 2^{13}\})$	68719476736
8	$\mathcal{O}(1; \{8^{12}, 4^{10}, 2^{10}\})$	274877906944
8	$\mathcal{O}(1; \{8^{12}, 4^{12}, 2^7\})$	1099511627776
8	$\mathcal{O}(1; \{8^{12}, 4^{14}, 2^4\})$	4398046511104
8	$\mathcal{O}(1; \{8^{12}, 4^{16}, 2\})$	17592186044416
8	$\mathcal{O}(1; \{8^{14}, 4, 2^{20}\})$	8589934592
8	$\mathcal{O}(1; \{8^{14}, 4^3, 2^{17}\})$	34359738368
8	$\mathcal{O}(1; \{8^{14}, 4^5, 2^{14}\})$	137438953472
8	$\mathcal{O}(1; \{8^{14}, 4^7, 2^{11}\})$	549755813888
8	$\mathcal{O}(1; \{8^{14}, 4^9, 2^8\})$	2199023255552
8	$\mathcal{O}(1; \{8^{14}, 4^{11}, 2^5\})$	8796093022208
8	$\mathcal{O}(1; \{8^{14}, 4^{13}, 2^2\})$	35184372088832
8	$\mathcal{O}(1; \{8^{16}, 2^{18}\})$	68719476736
8	$\mathcal{O}(1; \{8^{16}, 4^2, 2^{15}\})$	274877906944
8	$\mathcal{O}(1; \{8^{16}, 4^4, 2^{12}\})$	1099511627776
8	$\mathcal{O}(1; \{8^{16}, 4^6, 2^9\})$	4398046511104
8	$\mathcal{O}(1; \{8^{16}, 4^8, 2^6\})$	17592186044416
8	$\mathcal{O}(1; \{8^{16}, 4^{10}, 2^3\})$	70368744177664
8	$\mathcal{O}(1; \{8^{16}, 4^{12}\})$	281474976710656
8	$\mathcal{O}(1; \{8^{18}, 4, 2^{13}\})$	2199023255552
8	$\mathcal{O}(1; \{8^{18}, 4^3, 2^{10}\})$	8796093022208
8	$\mathcal{O}(1; \{8^{18}, 4^5, 2^7\})$	35184372088832
8	$\mathcal{O}(1; \{8^{18}, 4^7, 2^4\})$	140737488355328
8	$\mathcal{O}(1; \{8^{18}, 4^9, 2\})$	562949953421312
8	$\mathcal{O}(1; \{8^{20}, 2^{11}\})$	17592186044416

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{8^{20}, 4^2, 2^8\})$	70368744177664
8	$\mathcal{O}(1; \{8^{20}, 4^4, 2^5\})$	281474976710656
8	$\mathcal{O}(1; \{8^{20}, 4^6, 2^2\})$	1125899906842624
8	$\mathcal{O}(1; \{8^{22}, 4, 2^6\})$	562949953421312
8	$\mathcal{O}(1; \{8^{22}, 4^3, 2^3\})$	2251799813685248
8	$\mathcal{O}(1; \{8^{22}, 4^5\})$	9007199254740992
8	$\mathcal{O}(1; \{8^{24}, 2^4\})$	4503599627370496
8	$\mathcal{O}(1; \{8^{24}, 4^2, 2\})$	18014398509481984
8	$\mathcal{O}(0; \{8^2, 4, 2^{45}\})$	8
8	$\mathcal{O}(0; \{8^2, 4^3, 2^{42}\})$	32
8	$\mathcal{O}(0; \{8^2, 4^5, 2^{39}\})$	128
8	$\mathcal{O}(0; \{8^2, 4^7, 2^{36}\})$	512
8	$\mathcal{O}(0; \{8^2, 4^9, 2^{33}\})$	2048
8	$\mathcal{O}(0; \{8^2, 4^{11}, 2^{30}\})$	8192
8	$\mathcal{O}(0; \{8^2, 4^{13}, 2^{27}\})$	32768
8	$\mathcal{O}(0; \{8^2, 4^{15}, 2^{24}\})$	131072
8	$\mathcal{O}(0; \{8^2, 4^{17}, 2^{21}\})$	524288
8	$\mathcal{O}(0; \{8^2, 4^{19}, 2^{18}\})$	2097152
8	$\mathcal{O}(0; \{8^2, 4^{21}, 2^{15}\})$	8388608
8	$\mathcal{O}(0; \{8^2, 4^{23}, 2^{12}\})$	33554432
8	$\mathcal{O}(0; \{8^2, 4^{25}, 2^9\})$	134217728
8	$\mathcal{O}(0; \{8^2, 4^{27}, 2^6\})$	536870912
8	$\mathcal{O}(0; \{8^2, 4^{29}, 2^3\})$	2147483648
8	$\mathcal{O}(0; \{8^2, 4^{31}\})$	8589934592
8	$\mathcal{O}(0; \{8^4, 2^{43}\})$	64
8	$\mathcal{O}(0; \{8^4, 4^2, 2^{40}\})$	256
8	$\mathcal{O}(0; \{8^4, 4^4, 2^{37}\})$	1024
8	$\mathcal{O}(0; \{8^4, 4^6, 2^{34}\})$	4096
8	$\mathcal{O}(0; \{8^4, 4^8, 2^{31}\})$	16384
8	$\mathcal{O}(0; \{8^4, 4^{10}, 2^{28}\})$	65536
8	$\mathcal{O}(0; \{8^4, 4^{12}, 2^{25}\})$	262144
8	$\mathcal{O}(0; \{8^4, 4^{14}, 2^{22}\})$	1048576
8	$\mathcal{O}(0; \{8^4, 4^{16}, 2^{19}\})$	4194304
8	$\mathcal{O}(0; \{8^4, 4^{18}, 2^{16}\})$	16777216
8	$\mathcal{O}(0; \{8^4, 4^{20}, 2^{13}\})$	67108864
8	$\mathcal{O}(0; \{8^4, 4^{22}, 2^{10}\})$	268435456
8	$\mathcal{O}(0; \{8^4, 4^{24}, 2^7\})$	1073741824
8	$\mathcal{O}(0; \{8^4, 4^{26}, 2^4\})$	4294967296
8	$\mathcal{O}(0; \{8^4, 4^{28}, 2\})$	17179869184
8	$\mathcal{O}(0; \{8^6, 4, 2^{38}\})$	2048
8	$\mathcal{O}(0; \{8^6, 4^3, 2^{35}\})$	8192
8	$\mathcal{O}(0; \{8^6, 4^5, 2^{32}\})$	32768
8	$\mathcal{O}(0; \{8^6, 4^7, 2^{29}\})$	131072

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{8^6, 4^9, 2^{26}\})$	524288
8	$\mathcal{O}(0; \{8^6, 4^{11}, 2^{23}\})$	2097152
8	$\mathcal{O}(0; \{8^6, 4^{13}, 2^{20}\})$	8388608
8	$\mathcal{O}(0; \{8^6, 4^{15}, 2^{17}\})$	33554432
8	$\mathcal{O}(0; \{8^6, 4^{17}, 2^{14}\})$	134217728
8	$\mathcal{O}(0; \{8^6, 4^{19}, 2^{11}\})$	536870912
8	$\mathcal{O}(0; \{8^6, 4^{21}, 2^8\})$	2147483648
8	$\mathcal{O}(0; \{8^6, 4^{23}, 2^5\})$	8589934592
8	$\mathcal{O}(0; \{8^6, 4^{25}, 2^2\})$	34359738368
8	$\mathcal{O}(0; \{8^8, 2^{36}\})$	16384
8	$\mathcal{O}(0; \{8^8, 4^2, 2^{33}\})$	65536
8	$\mathcal{O}(0; \{8^8, 4^4, 2^{30}\})$	262144
8	$\mathcal{O}(0; \{8^8, 4^6, 2^{27}\})$	1048576
8	$\mathcal{O}(0; \{8^8, 4^8, 2^{24}\})$	4194304
8	$\mathcal{O}(0; \{8^8, 4^{10}, 2^{21}\})$	16777216
8	$\mathcal{O}(0; \{8^8, 4^{12}, 2^{18}\})$	67108864
8	$\mathcal{O}(0; \{8^8, 4^{14}, 2^{15}\})$	268435456
8	$\mathcal{O}(0; \{8^8, 4^{16}, 2^{12}\})$	1073741824
8	$\mathcal{O}(0; \{8^8, 4^{18}, 2^9\})$	4294967296
8	$\mathcal{O}(0; \{8^8, 4^{20}, 2^6\})$	17179869184
8	$\mathcal{O}(0; \{8^8, 4^{22}, 2^3\})$	68719476736
8	$\mathcal{O}(0; \{8^8, 4^{24}\})$	274877906944
8	$\mathcal{O}(0; \{8^{10}, 4, 2^{31}\})$	524288
8	$\mathcal{O}(0; \{8^{10}, 4^3, 2^{28}\})$	2097152
8	$\mathcal{O}(0; \{8^{10}, 4^5, 2^{25}\})$	8388608
8	$\mathcal{O}(0; \{8^{10}, 4^7, 2^{22}\})$	33554432
8	$\mathcal{O}(0; \{8^{10}, 4^9, 2^{19}\})$	134217728
8	$\mathcal{O}(0; \{8^{10}, 4^{11}, 2^{16}\})$	536870912
8	$\mathcal{O}(0; \{8^{10}, 4^{13}, 2^{13}\})$	2147483648
8	$\mathcal{O}(0; \{8^{10}, 4^{15}, 2^{10}\})$	8589934592
8	$\mathcal{O}(0; \{8^{10}, 4^{17}, 2^7\})$	34359738368
8	$\mathcal{O}(0; \{8^{10}, 4^{19}, 2^4\})$	137438953472
8	$\mathcal{O}(0; \{8^{10}, 4^{21}, 2\})$	549755813888
8	$\mathcal{O}(0; \{8^{12}, 2^{29}\})$	4194304
8	$\mathcal{O}(0; \{8^{12}, 4^2, 2^{26}\})$	16777216
8	$\mathcal{O}(0; \{8^{12}, 4^4, 2^{23}\})$	67108864
8	$\mathcal{O}(0; \{8^{12}, 4^6, 2^{20}\})$	268435456
8	$\mathcal{O}(0; \{8^{12}, 4^8, 2^{17}\})$	1073741824
8	$\mathcal{O}(0; \{8^{12}, 4^{10}, 2^{14}\})$	4294967296
8	$\mathcal{O}(0; \{8^{12}, 4^{12}, 2^{11}\})$	17179869184
8	$\mathcal{O}(0; \{8^{12}, 4^{14}, 2^8\})$	68719476736
8	$\mathcal{O}(0; \{8^{12}, 4^{16}, 2^5\})$	274877906944
8	$\mathcal{O}(0; \{8^{12}, 4^{18}, 2^2\})$	1099511627776

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{8^{14}, 4, 2^{24}\})$	134217728
8	$\mathcal{O}(0; \{8^{14}, 4^3, 2^{21}\})$	536870912
8	$\mathcal{O}(0; \{8^{14}, 4^5, 2^{18}\})$	2147483648
8	$\mathcal{O}(0; \{8^{14}, 4^7, 2^{15}\})$	8589934592
8	$\mathcal{O}(0; \{8^{14}, 4^9, 2^{12}\})$	34359738368
8	$\mathcal{O}(0; \{8^{14}, 4^{11}, 2^9\})$	137438953472
8	$\mathcal{O}(0; \{8^{14}, 4^{13}, 2^6\})$	549755813888
8	$\mathcal{O}(0; \{8^{14}, 4^{15}, 2^3\})$	2199023255552
8	$\mathcal{O}(0; \{8^{14}, 4^{17}\})$	8796093022208
8	$\mathcal{O}(0; \{8^{16}, 2^{22}\})$	1073741824
8	$\mathcal{O}(0; \{8^{16}, 4^2, 2^{19}\})$	4294967296
8	$\mathcal{O}(0; \{8^{16}, 4^4, 2^{16}\})$	17179869184
8	$\mathcal{O}(0; \{8^{16}, 4^6, 2^{13}\})$	68719476736
8	$\mathcal{O}(0; \{8^{16}, 4^8, 2^{10}\})$	274877906944
8	$\mathcal{O}(0; \{8^{16}, 4^{10}, 2^7\})$	1099511627776
8	$\mathcal{O}(0; \{8^{16}, 4^{12}, 2^4\})$	4398046511104
8	$\mathcal{O}(0; \{8^{16}, 4^{14}, 2\})$	17592186044416
8	$\mathcal{O}(0; \{8^{18}, 4, 2^{17}\})$	34359738368
8	$\mathcal{O}(0; \{8^{18}, 4^3, 2^{14}\})$	137438953472
8	$\mathcal{O}(0; \{8^{18}, 4^5, 2^{11}\})$	549755813888
8	$\mathcal{O}(0; \{8^{18}, 4^7, 2^8\})$	2199023255552
8	$\mathcal{O}(0; \{8^{18}, 4^9, 2^5\})$	8796093022208
8	$\mathcal{O}(0; \{8^{18}, 4^{11}, 2^2\})$	35184372088832
8	$\mathcal{O}(0; \{8^{20}, 2^{15}\})$	274877906944
8	$\mathcal{O}(0; \{8^{20}, 4^2, 2^{12}\})$	1099511627776
8	$\mathcal{O}(0; \{8^{20}, 4^4, 2^9\})$	4398046511104
8	$\mathcal{O}(0; \{8^{20}, 4^6, 2^6\})$	17592186044416
8	$\mathcal{O}(0; \{8^{20}, 4^8, 2^3\})$	70368744177664
8	$\mathcal{O}(0; \{8^{20}, 4^{10}\})$	281474976710656
8	$\mathcal{O}(0; \{8^{22}, 4, 2^{10}\})$	8796093022208
8	$\mathcal{O}(0; \{8^{22}, 4^3, 2^7\})$	35184372088832
8	$\mathcal{O}(0; \{8^{22}, 4^5, 2^4\})$	140737488355328
8	$\mathcal{O}(0; \{8^{22}, 4^7, 2\})$	562949953421312
8	$\mathcal{O}(0; \{8^{24}, 2^8\})$	70368744177664
8	$\mathcal{O}(0; \{8^{24}, 4^2, 2^5\})$	281474976710656
8	$\mathcal{O}(0; \{8^{24}, 4^4, 2^2\})$	1125899906842624
8	$\mathcal{O}(0; \{8^{26}, 4, 2^3\})$	2251799813685248
8	$\mathcal{O}(0; \{8^{26}, 4^3\})$	9007199254740992
8	$\mathcal{O}(0; \{8^{28}, 2\})$	18014398509481984
9	$\mathcal{O}(10; \{9^2, 3\})$	145891985508683145612
9	$\mathcal{O}(9; \{9^2, 3^4\})$	14409084988511915616
9	$\mathcal{O}(9; \{9^5\})$	121576654590569288010
9	$\mathcal{O}(8; \{9^2, 3^7\})$	1423119505038213888

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
9	$\mathcal{O}(8; \{9^5, 3^3\})$	12007570823759929680
9	$\mathcal{O}(7; \{9^2, 3^{10}\})$	140555012843280384
9	$\mathcal{O}(7; \{9^5, 3^6\})$	1185932920865178240
9	$\mathcal{O}(7; \{9^8, 3^2\})$	17210851514055899208
9	$\mathcal{O}(6; \{9^2, 3^{13}\})$	13881976577114112
9	$\mathcal{O}(6; \{9^5, 3^9\})$	117129177369400320
9	$\mathcal{O}(6; \{9^8, 3^5\})$	1699837186573422144
9	$\mathcal{O}(6; \{9^{11}, 3\})$	22747675838345200116
9	$\mathcal{O}(5; \{9^2, 3^{16}\})$	1371059415023616
9	$\mathcal{O}(5; \{9^5, 3^{12}\})$	11568313814261760
9	$\mathcal{O}(5; \{9^8, 3^8\})$	167885154229473792
9	$\mathcal{O}(5; \{9^{11}, 3^4\})$	2246684033416809888
9	$\mathcal{O}(5; \{9^{14}\})$	30363588814526266626
9	$\mathcal{O}(4; \{9^2, 3^{19}\})$	135413275557888
9	$\mathcal{O}(4; \{9^5, 3^{15}\})$	1142549512519680
9	$\mathcal{O}(4; \{9^8, 3^{11}\})$	16581249800441856
9	$\mathcal{O}(4; \{9^{11}, 3^7\})$	221894719349808384
9	$\mathcal{O}(4; \{9^{14}, 3^3\})$	2998872969335927568
9	$\mathcal{O}(3; \{9^2, 3^{22}\})$	13374150672384
9	$\mathcal{O}(3; \{9^5, 3^{18}\})$	112844396298240
9	$\mathcal{O}(3; \{9^8, 3^{14}\})$	1637654301278208
9	$\mathcal{O}(3; \{9^{11}, 3^{10}\})$	21915527837018112
9	$\mathcal{O}(3; \{9^{14}, 3^6\})$	296184984625770624
9	$\mathcal{O}(3; \{9^{17}, 3^2\})$	3997948249428984360
9	$\mathcal{O}(2; \{9^2, 3^{25}\})$	1320903770112
9	$\mathcal{O}(2; \{9^5, 3^{21}\})$	11145125560320
9	$\mathcal{O}(2; \{9^8, 3^{17}\})$	161743634694144
9	$\mathcal{O}(2; \{9^{11}, 3^{13}\})$	2164496576495616
9	$\mathcal{O}(2; \{9^{14}, 3^9\})$	29252837987730432
9	$\mathcal{O}(2; \{9^{17}, 3^5\})$	394859086363356480
9	$\mathcal{O}(2; \{9^{20}, 3\})$	5330689173075132324
9	$\mathcal{O}(1; \{9^2, 3^{28}\})$	130459631616
9	$\mathcal{O}(1; \{9^5, 3^{24}\})$	1100753141760
9	$\mathcal{O}(1; \{9^8, 3^{20}\})$	15974679969792
9	$\mathcal{O}(1; \{9^{11}, 3^{16}\})$	213777439653888
9	$\mathcal{O}(1; \{9^{14}, 3^{12}\})$	2889169183973376
9	$\mathcal{O}(1; \{9^{17}, 3^8\})$	38998428282800640
9	$\mathcal{O}(1; \{9^{20}, 3^4\})$	526487819562976032
9	$\mathcal{O}(1; \{9^{23}\})$	7107570312905206458
9	$\mathcal{O}(0; \{9^2, 3^{31}\})$	12884901888
9	$\mathcal{O}(0; \{9^5, 3^{27}\})$	108716359680
9	$\mathcal{O}(0; \{9^8, 3^{23}\})$	1577746169856
9	$\mathcal{O}(0; \{9^{11}, 3^{19}\})$	21113821200384

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
9	$\mathcal{O}(0; \{9^{14}, 3^{15}\})$	285350042861568
9	$\mathcal{O}(0; \{9^{17}, 3^{11}\})$	3851696620523520
9	$\mathcal{O}(0; \{9^{20}, 3^7\})$	51998796993874176
9	$\mathcal{O}(0; \{9^{23}, 3^3\})$	701982253126440144
10	$\mathcal{O}(9; \{5^3\})$	11999954223632812500
10	$\mathcal{O}(8; \{5^3, 2^4\})$	120000000000000000
10	$\mathcal{O}(8; \{10^2, 5^2, 2^2\})$	520000000000000000
10	$\mathcal{O}(8; \{10^4, 5\})$	2040000000000000000
10	$\mathcal{O}(7; \{5^3, 2^8\})$	120000000000000000
10	$\mathcal{O}(7; \{5^8\})$	1310719995117187500
10	$\mathcal{O}(7; \{10, 5^5, 2^3\})$	820000000000000000
10	$\mathcal{O}(7; \{10^2, 5^2, 2^6\})$	520000000000000000
10	$\mathcal{O}(7; \{10^3, 5^4, 2\})$	3276000000000000000
10	$\mathcal{O}(7; \{10^4, 5, 2^4\})$	2040000000000000000
10	$\mathcal{O}(7; \{10^6, 2^2\})$	820000000000000000
10	$\mathcal{O}(6; \{5^3, 2^{12}\})$	120000000000000000
10	$\mathcal{O}(6; \{5^8, 2^4\})$	1310800000000000000
10	$\mathcal{O}(6; \{10, 5^5, 2^7\})$	820000000000000000
10	$\mathcal{O}(6; \{10^2, 5^2, 2^{10}\})$	520000000000000000
10	$\mathcal{O}(6; \{10^2, 5^7, 2^2\})$	5242800000000000000
10	$\mathcal{O}(6; \{10^3, 5^4, 2^5\})$	3276000000000000000
10	$\mathcal{O}(6; \{10^4, 5, 2^8\})$	2040000000000000000
10	$\mathcal{O}(6; \{10^4, 5^6\})$	2097160000000000000
10	$\mathcal{O}(6; \{10^5, 5^3, 2^3\})$	1310800000000000000
10	$\mathcal{O}(6; \{10^6, 2^6\})$	820000000000000000
10	$\mathcal{O}(6; \{10^7, 5^2, 2\})$	5242800000000000000
10	$\mathcal{O}(5; \{5^3, 2^{16}\})$	120000000000000000
10	$\mathcal{O}(5; \{5^8, 2^8\})$	1310800000000000000
10	$\mathcal{O}(5; \{5^{13}\})$	134086648007812500
10	$\mathcal{O}(5; \{10, 5^5, 2^{11}\})$	820000000000000000
10	$\mathcal{O}(5; \{10, 5^{10}, 2^3\})$	8388600000000000000
10	$\mathcal{O}(5; \{10^2, 5^2, 2^{14}\})$	520000000000000000
10	$\mathcal{O}(5; \{10^2, 5^7, 2^6\})$	5242800000000000000
10	$\mathcal{O}(5; \{10^3, 5^4, 2^9\})$	3276000000000000000
10	$\mathcal{O}(5; \{10^3, 5^9, 2\})$	3355444000000000000
10	$\mathcal{O}(5; \{10^4, 5, 2^{12}\})$	2040000000000000000
10	$\mathcal{O}(5; \{10^4, 5^6, 2^4\})$	2097160000000000000
10	$\mathcal{O}(5; \{10^5, 5^3, 2^7\})$	1310800000000000000
10	$\mathcal{O}(5; \{10^6, 2^{10}\})$	820000000000000000
10	$\mathcal{O}(5; \{10^6, 5^5, 2^2\})$	8388600000000000000
10	$\mathcal{O}(5; \{10^7, 5^2, 2^5\})$	5242800000000000000
10	$\mathcal{O}(5; \{10^8, 5^4\})$	3355444000000000000
10	$\mathcal{O}(5; \{10^9, 5, 2^3\})$	2097160000000000000

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(5; \{10^{11}, 2\})$	8388600000000000
10	$\mathcal{O}(4; \{5^3, 2^{20}\})$	1200000000
10	$\mathcal{O}(4; \{5^8, 2^{12}\})$	1310800000000
10	$\mathcal{O}(4; \{5^{13}, 2^4\})$	1342177200000000
10	$\mathcal{O}(4; \{10, 5^5, 2^{15}\})$	82000000000
10	$\mathcal{O}(4; \{10, 5^{10}, 2^7\})$	838860000000000
10	$\mathcal{O}(4; \{10^2, 5^2, 2^{18}\})$	5200000000
10	$\mathcal{O}(4; \{10^2, 5^7, 2^{10}\})$	5242800000000
10	$\mathcal{O}(4; \{10^2, 5^{12}, 2^2\})$	5368709200000000
10	$\mathcal{O}(4; \{10^3, 5^4, 2^{13}\})$	327600000000
10	$\mathcal{O}(4; \{10^3, 5^9, 2^5\})$	335544400000000
10	$\mathcal{O}(4; \{10^4, 5, 2^{16}\})$	20400000000
10	$\mathcal{O}(4; \{10^4, 5^6, 2^8\})$	20971600000000
10	$\mathcal{O}(4; \{10^4, 5^{11}\})$	2147483640000000
10	$\mathcal{O}(4; \{10^5, 5^3, 2^{11}\})$	1310800000000
10	$\mathcal{O}(4; \{10^5, 5^8, 2^3\})$	1342177200000000
10	$\mathcal{O}(4; \{10^6, 2^{14}\})$	82000000000
10	$\mathcal{O}(4; \{10^6, 5^5, 2^6\})$	838860000000000
10	$\mathcal{O}(4; \{10^7, 5^2, 2^9\})$	5242800000000
10	$\mathcal{O}(4; \{10^7, 5^7, 2\})$	5368709200000000
10	$\mathcal{O}(4; \{10^8, 5^4, 2^4\})$	335544400000000
10	$\mathcal{O}(4; \{10^9, 5, 2^7\})$	20971600000000
10	$\mathcal{O}(4; \{10^{10}, 5^3, 2^2\})$	1342177200000000
10	$\mathcal{O}(4; \{10^{11}, 2^5\})$	838860000000000
10	$\mathcal{O}(4; \{10^{12}, 5^2\})$	5368709200000000
10	$\mathcal{O}(3; \{5^3, 2^{24}\})$	12000000
10	$\mathcal{O}(3; \{5^8, 2^{16}\})$	13108000000
10	$\mathcal{O}(3; \{5^{13}, 2^8\})$	13421772000000
10	$\mathcal{O}(3; \{5^{18}\})$	13529146983187500
10	$\mathcal{O}(3; \{10, 5^5, 2^{19}\})$	820000000
10	$\mathcal{O}(3; \{10, 5^{10}, 2^{11}\})$	8388600000000
10	$\mathcal{O}(3; \{10, 5^{15}, 2^3\})$	858993460000000
10	$\mathcal{O}(3; \{10^2, 5^2, 2^{22}\})$	52000000
10	$\mathcal{O}(3; \{10^2, 5^7, 2^{14}\})$	52428000000
10	$\mathcal{O}(3; \{10^2, 5^{12}, 2^6\})$	536870920000000
10	$\mathcal{O}(3; \{10^3, 5^4, 2^{17}\})$	3276000000
10	$\mathcal{O}(3; \{10^3, 5^9, 2^9\})$	33554440000000
10	$\mathcal{O}(3; \{10^3, 5^{14}, 2\})$	3435973836000000
10	$\mathcal{O}(3; \{10^4, 5, 2^{20}\})$	204000000
10	$\mathcal{O}(3; \{10^4, 5^6, 2^{12}\})$	209716000000
10	$\mathcal{O}(3; \{10^4, 5^{11}, 2^4\})$	214748364000000
10	$\mathcal{O}(3; \{10^5, 5^3, 2^{15}\})$	13108000000
10	$\mathcal{O}(3; \{10^5, 5^8, 2^7\})$	13421772000000

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(3; \{10^6, 2^{18}\})$	820000000
10	$\mathcal{O}(3; \{10^6, 5^5, 2^{10}\})$	838860000000
10	$\mathcal{O}(3; \{10^6, 5^{10}, 2^2\})$	858993460000000
10	$\mathcal{O}(3; \{10^7, 5^2, 2^{13}\})$	52428000000
10	$\mathcal{O}(3; \{10^7, 5^7, 2^5\})$	53687092000000
10	$\mathcal{O}(3; \{10^8, 5^4, 2^8\})$	3355444000000
10	$\mathcal{O}(3; \{10^8, 5^9\})$	3435973836000000
10	$\mathcal{O}(3; \{10^9, 5, 2^{11}\})$	209716000000
10	$\mathcal{O}(3; \{10^9, 5^6, 2^3\})$	214748364000000
10	$\mathcal{O}(3; \{10^{10}, 5^3, 2^6\})$	13421772000000
10	$\mathcal{O}(3; \{10^{11}, 2^9\})$	838860000000
10	$\mathcal{O}(3; \{10^{11}, 5^5, 2\})$	858993460000000
10	$\mathcal{O}(3; \{10^{12}, 5^2, 2^4\})$	53687092000000
10	$\mathcal{O}(3; \{10^{14}, 5, 2^2\})$	214748364000000
10	$\mathcal{O}(3; \{10^{16}\})$	858993460000000
10	$\mathcal{O}(2; \{5^3, 2^{28}\})$	120000
10	$\mathcal{O}(2; \{5^8, 2^{20}\})$	131080000
10	$\mathcal{O}(2; \{5^{13}, 2^{12}\})$	134217720000
10	$\mathcal{O}(2; \{5^{18}, 2^4\})$	137438953480000
10	$\mathcal{O}(2; \{10, 5^5, 2^{23}\})$	8200000
10	$\mathcal{O}(2; \{10, 5^{10}, 2^{15}\})$	83886000000
10	$\mathcal{O}(2; \{10, 5^{15}, 2^7\})$	85899346000000
10	$\mathcal{O}(2; \{10^2, 5^2, 2^{26}\})$	520000
10	$\mathcal{O}(2; \{10^2, 5^7, 2^{18}\})$	524280000
10	$\mathcal{O}(2; \{10^2, 5^{12}, 2^{10}\})$	536870920000
10	$\mathcal{O}(2; \{10^2, 5^{17}, 2^2\})$	549755813880000
10	$\mathcal{O}(2; \{10^3, 5^4, 2^{21}\})$	32760000
10	$\mathcal{O}(2; \{10^3, 5^9, 2^{13}\})$	33554440000
10	$\mathcal{O}(2; \{10^3, 5^{14}, 2^5\})$	34359738360000
10	$\mathcal{O}(2; \{10^4, 5, 2^{24}\})$	2040000
10	$\mathcal{O}(2; \{10^4, 5^6, 2^{16}\})$	2097160000
10	$\mathcal{O}(2; \{10^4, 5^{11}, 2^8\})$	2147483640000
10	$\mathcal{O}(2; \{10^4, 5^{16}\})$	2199023255560000
10	$\mathcal{O}(2; \{10^5, 5^3, 2^{19}\})$	131080000
10	$\mathcal{O}(2; \{10^5, 5^8, 2^{11}\})$	134217720000
10	$\mathcal{O}(2; \{10^5, 5^{13}, 2^3\})$	137438953480000
10	$\mathcal{O}(2; \{10^6, 2^{22}\})$	8200000
10	$\mathcal{O}(2; \{10^6, 5^5, 2^{14}\})$	83886000000
10	$\mathcal{O}(2; \{10^6, 5^{10}, 2^6\})$	85899346000000
10	$\mathcal{O}(2; \{10^7, 5^2, 2^{17}\})$	524280000
10	$\mathcal{O}(2; \{10^7, 5^7, 2^9\})$	536870920000
10	$\mathcal{O}(2; \{10^7, 5^{12}, 2\})$	549755813880000
10	$\mathcal{O}(2; \{10^8, 5^4, 2^{12}\})$	33554440000

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(2; \{10^8, 5^9, 2^4\})$	34359738360000
10	$\mathcal{O}(2; \{10^9, 5, 2^{15}\})$	2097160000
10	$\mathcal{O}(2; \{10^9, 5^6, 2^7\})$	2147483640000
10	$\mathcal{O}(2; \{10^{10}, 5^3, 2^{10}\})$	134217720000
10	$\mathcal{O}(2; \{10^{10}, 5^8, 2^2\})$	137438953480000
10	$\mathcal{O}(2; \{10^{11}, 2^{13}\})$	8388600000
10	$\mathcal{O}(2; \{10^{11}, 5^5, 2^5\})$	8589934600000
10	$\mathcal{O}(2; \{10^{12}, 5^2, 2^8\})$	536870920000
10	$\mathcal{O}(2; \{10^{12}, 5^7\})$	549755813880000
10	$\mathcal{O}(2; \{10^{13}, 5^4, 2^3\})$	34359738360000
10	$\mathcal{O}(2; \{10^{14}, 5, 2^6\})$	2147483640000
10	$\mathcal{O}(2; \{10^{15}, 5^3, 2\})$	137438953480000
10	$\mathcal{O}(2; \{10^{16}, 2^4\})$	8589934600000
10	$\mathcal{O}(1; \{5^3, 2^{32}\})$	1200
10	$\mathcal{O}(1; \{5^8, 2^{24}\})$	1310800
10	$\mathcal{O}(1; \{5^{13}, 2^{16}\})$	1342177200
10	$\mathcal{O}(1; \{5^{18}, 2^8\})$	1374389534800
10	$\mathcal{O}(1; \{5^{23}\})$	1055531162664900
10	$\mathcal{O}(1; \{10, 5^5, 2^{27}\})$	82000
10	$\mathcal{O}(1; \{10, 5^{10}, 2^{19}\})$	83886000
10	$\mathcal{O}(1; \{10, 5^{15}, 2^{11}\})$	85899346000
10	$\mathcal{O}(1; \{10, 5^{20}, 2^3\})$	87960930222000
10	$\mathcal{O}(1; \{10^2, 5^2, 2^{30}\})$	5200
10	$\mathcal{O}(1; \{10^2, 5^7, 2^{22}\})$	5242800
10	$\mathcal{O}(1; \{10^2, 5^{12}, 2^{14}\})$	5368709200
10	$\mathcal{O}(1; \{10^2, 5^{17}, 2^6\})$	5497558138800
10	$\mathcal{O}(1; \{10^3, 5^4, 2^{25}\})$	327600
10	$\mathcal{O}(1; \{10^3, 5^9, 2^{17}\})$	335544400
10	$\mathcal{O}(1; \{10^3, 5^{14}, 2^9\})$	343597383600
10	$\mathcal{O}(1; \{10^3, 5^{19}, 2\})$	351843720888400
10	$\mathcal{O}(1; \{10^4, 5, 2^{28}\})$	20400
10	$\mathcal{O}(1; \{10^4, 5^6, 2^{20}\})$	20971600
10	$\mathcal{O}(1; \{10^4, 5^{11}, 2^{12}\})$	21474836400
10	$\mathcal{O}(1; \{10^4, 5^{16}, 2^4\})$	21990232555600
10	$\mathcal{O}(1; \{10^5, 5^3, 2^{23}\})$	1310800
10	$\mathcal{O}(1; \{10^5, 5^8, 2^{15}\})$	1342177200
10	$\mathcal{O}(1; \{10^5, 5^{13}, 2^7\})$	1374389534800
10	$\mathcal{O}(1; \{10^6, 2^{26}\})$	82000
10	$\mathcal{O}(1; \{10^6, 5^5, 2^{18}\})$	83886000
10	$\mathcal{O}(1; \{10^6, 5^{10}, 2^{10}\})$	85899346000
10	$\mathcal{O}(1; \{10^6, 5^{15}, 2^2\})$	87960930222000
10	$\mathcal{O}(1; \{10^7, 5^2, 2^{21}\})$	5242800
10	$\mathcal{O}(1; \{10^7, 5^7, 2^{13}\})$	5368709200

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(1; \{10^7, 5^{12}, 2^5\})$	5497558138800
10	$\mathcal{O}(1; \{10^8, 5^4, 2^{16}\})$	335544400
10	$\mathcal{O}(1; \{10^8, 5^9, 2^8\})$	343597383600
10	$\mathcal{O}(1; \{10^8, 5^{14}\})$	351843720888400
10	$\mathcal{O}(1; \{10^9, 5, 2^{19}\})$	20971600
10	$\mathcal{O}(1; \{10^9, 5^6, 2^{11}\})$	21474836400
10	$\mathcal{O}(1; \{10^9, 5^{11}, 2^3\})$	21990232555600
10	$\mathcal{O}(1; \{10^{10}, 5^3, 2^{14}\})$	1342177200
10	$\mathcal{O}(1; \{10^{10}, 5^8, 2^6\})$	1374389534800
10	$\mathcal{O}(1; \{10^{11}, 2^{17}\})$	83886000
10	$\mathcal{O}(1; \{10^{11}, 5^5, 2^9\})$	85899346000
10	$\mathcal{O}(1; \{10^{11}, 5^{10}, 2\})$	87960930222000
10	$\mathcal{O}(1; \{10^{12}, 5^2, 2^{12}\})$	5368709200
10	$\mathcal{O}(1; \{10^{12}, 5^7, 2^4\})$	5497558138800
10	$\mathcal{O}(1; \{10^{13}, 5^4, 2^7\})$	343597383600
10	$\mathcal{O}(1; \{10^{14}, 5, 2^{10}\})$	21474836400
10	$\mathcal{O}(1; \{10^{14}, 5^6, 2^2\})$	21990232555600
10	$\mathcal{O}(1; \{10^{15}, 5^3, 2^5\})$	1374389534800
10	$\mathcal{O}(1; \{10^{16}, 2^8\})$	85899346000
10	$\mathcal{O}(1; \{10^{16}, 5^5\})$	87960930222000
10	$\mathcal{O}(1; \{10^{17}, 5^2, 2^3\})$	5497558138800
10	$\mathcal{O}(1; \{10^{19}, 5, 2\})$	21990232555600
10	$\mathcal{O}(0; \{5^3, 2^{36}\})$	12
10	$\mathcal{O}(0; \{5^8, 2^{28}\})$	13108
10	$\mathcal{O}(0; \{5^{13}, 2^{20}\})$	13421772
10	$\mathcal{O}(0; \{5^{18}, 2^{12}\})$	13743895348
10	$\mathcal{O}(0; \{5^{23}, 2^4\})$	14073748835532
10	$\mathcal{O}(0; \{10, 5^5, 2^{31}\})$	820
10	$\mathcal{O}(0; \{10, 5^{10}, 2^{23}\})$	838860
10	$\mathcal{O}(0; \{10, 5^{15}, 2^{15}\})$	858993460
10	$\mathcal{O}(0; \{10, 5^{20}, 2^7\})$	879609302220
10	$\mathcal{O}(0; \{10^2, 5^2, 2^{34}\})$	52
10	$\mathcal{O}(0; \{10^2, 5^7, 2^{26}\})$	52428
10	$\mathcal{O}(0; \{10^2, 5^{12}, 2^{18}\})$	53687092
10	$\mathcal{O}(0; \{10^2, 5^{17}, 2^{10}\})$	54975581388
10	$\mathcal{O}(0; \{10^2, 5^{22}, 2^2\})$	56294995342132
10	$\mathcal{O}(0; \{10^3, 5^4, 2^{29}\})$	3276
10	$\mathcal{O}(0; \{10^3, 5^9, 2^{21}\})$	3355444
10	$\mathcal{O}(0; \{10^3, 5^{14}, 2^{13}\})$	3435973836
10	$\mathcal{O}(0; \{10^3, 5^{19}, 2^5\})$	3518437208884
10	$\mathcal{O}(0; \{10^4, 5, 2^{32}\})$	204
10	$\mathcal{O}(0; \{10^4, 5^6, 2^{24}\})$	209716
10	$\mathcal{O}(0; \{10^4, 5^{11}, 2^{16}\})$	214748364

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(0; \{10^4, 5^{16}, 2^8\})$	219902325556
10	$\mathcal{O}(0; \{10^4, 5^{21}\})$	225179981368524
10	$\mathcal{O}(0; \{10^5, 5^3, 2^{27}\})$	13108
10	$\mathcal{O}(0; \{10^5, 5^8, 2^{19}\})$	13421772
10	$\mathcal{O}(0; \{10^5, 5^{13}, 2^{11}\})$	13743895348
10	$\mathcal{O}(0; \{10^5, 5^{18}, 2^3\})$	14073748835532
10	$\mathcal{O}(0; \{10^6, 2^{30}\})$	820
10	$\mathcal{O}(0; \{10^6, 5^5, 2^{22}\})$	838860
10	$\mathcal{O}(0; \{10^6, 5^{10}, 2^{14}\})$	858993460
10	$\mathcal{O}(0; \{10^6, 5^{15}, 2^6\})$	879609302220
10	$\mathcal{O}(0; \{10^7, 5^2, 2^{25}\})$	52428
10	$\mathcal{O}(0; \{10^7, 5^7, 2^{17}\})$	53687092
10	$\mathcal{O}(0; \{10^7, 5^{12}, 2^9\})$	54975581388
10	$\mathcal{O}(0; \{10^7, 5^{17}, 2\})$	56294995342132
10	$\mathcal{O}(0; \{10^8, 5^4, 2^{20}\})$	3355444
10	$\mathcal{O}(0; \{10^8, 5^9, 2^{12}\})$	3435973836
10	$\mathcal{O}(0; \{10^8, 5^{14}, 2^4\})$	3518437208884
10	$\mathcal{O}(0; \{10^9, 5, 2^{23}\})$	209716
10	$\mathcal{O}(0; \{10^9, 5^6, 2^{15}\})$	214748364
10	$\mathcal{O}(0; \{10^9, 5^{11}, 2^7\})$	219902325556
10	$\mathcal{O}(0; \{10^{10}, 5^3, 2^{18}\})$	13421772
10	$\mathcal{O}(0; \{10^{10}, 5^8, 2^{10}\})$	13743895348
10	$\mathcal{O}(0; \{10^{10}, 5^{13}, 2^2\})$	14073748835532
10	$\mathcal{O}(0; \{10^{11}, 2^{21}\})$	838860
10	$\mathcal{O}(0; \{10^{11}, 5^5, 2^{13}\})$	858993460
10	$\mathcal{O}(0; \{10^{11}, 5^{10}, 2^5\})$	879609302220
10	$\mathcal{O}(0; \{10^{12}, 5^2, 2^{16}\})$	53687092
10	$\mathcal{O}(0; \{10^{12}, 5^7, 2^8\})$	54975581388
10	$\mathcal{O}(0; \{10^{12}, 5^{12}\})$	56294995342132
10	$\mathcal{O}(0; \{10^{13}, 5^4, 2^{11}\})$	3435973836
10	$\mathcal{O}(0; \{10^{13}, 5^9, 2^3\})$	3518437208884
10	$\mathcal{O}(0; \{10^{14}, 5, 2^{14}\})$	214748364
10	$\mathcal{O}(0; \{10^{14}, 5^6, 2^6\})$	219902325556
10	$\mathcal{O}(0; \{10^{15}, 5^3, 2^9\})$	13743895348
10	$\mathcal{O}(0; \{10^{15}, 5^8, 2\})$	14073748835532
10	$\mathcal{O}(0; \{10^{16}, 2^{12}\})$	858993460
10	$\mathcal{O}(0; \{10^{16}, 5^5, 2^4\})$	879609302220
10	$\mathcal{O}(0; \{10^{17}, 5^2, 2^7\})$	54975581388
10	$\mathcal{O}(0; \{10^{18}, 5^4, 2^2\})$	3518437208884
10	$\mathcal{O}(0; \{10^{19}, 5, 2^5\})$	219902325556
10	$\mathcal{O}(0; \{10^{20}, 5^3\})$	14073748835532
10	$\mathcal{O}(0; \{10^{21}, 2^3\})$	879609302220
11	$\mathcal{O}(8; \{11^3\})$	4135475687721494490

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
11	$\mathcal{O}(3; \{11^{14}\})$	16105100000001610510
12	$\mathcal{O}(8; \{3^2\})$	369762875570257920
12	$\mathcal{O}(7; \{3^2, 2^4\})$	2567680200769536
12	$\mathcal{O}(7; \{3^5\})$	12838401003847680
12	$\mathcal{O}(7; \{4^2, 3^2, 2\})$	5135673858195456
12	$\mathcal{O}(7; \{6, 3^3, 2\})$	7703040602308608
12	$\mathcal{O}(7; \{6^2, 3, 2^2\})$	2567680200769536
12	$\mathcal{O}(7; \{6^4\})$	7703040602308608
12	$\mathcal{O}(7; \{12, 4, 3, 2^2\})$	5135673858195456
12	$\mathcal{O}(7; \{12, 6^2, 4\})$	5135673858195456
12	$\mathcal{O}(7; \{12^2, 2^3\})$	5135673858195456
12	$\mathcal{O}(7; \{12^2, 4^2\})$	20542695432781824
12	$\mathcal{O}(7; \{12^2, 6, 3\})$	15407021574586368
12	$\mathcal{O}(6; \{3^2, 2^8\})$	17827847331840
12	$\mathcal{O}(6; \{3^5, 2^4\})$	89139236659200
12	$\mathcal{O}(6; \{3^8\})$	766597435269120
12	$\mathcal{O}(6; \{4^2, 3^2, 2^5\})$	35664401793024
12	$\mathcal{O}(6; \{4^2, 3^5, 2\})$	178322008965120
12	$\mathcal{O}(6; \{4^4, 3^2, 2^2\})$	142657607172096
12	$\mathcal{O}(6; \{6, 3^3, 2^5\})$	53483541995520
12	$\mathcal{O}(6; \{6, 3^6, 2\})$	374384793968640
12	$\mathcal{O}(6; \{6, 4^2, 3^3, 2^2\})$	106993205379072
12	$\mathcal{O}(6; \{6^2, 3, 2^6\})$	17827847331840
12	$\mathcal{O}(6; \{6^2, 3^4, 2^2\})$	196106320650240
12	$\mathcal{O}(6; \{6^2, 4^2, 3, 2^3\})$	35664401793024
12	$\mathcal{O}(6; \{6^2, 4^4, 3\})$	142657607172096
12	$\mathcal{O}(6; \{6^3, 3^2, 2^3\})$	89139236659200
12	$\mathcal{O}(6; \{6^3, 4^2, 3^2\})$	178322008965120
12	$\mathcal{O}(6; \{6^4, 2^4\})$	53483541995520
12	$\mathcal{O}(6; \{6^4, 3^3\})$	374384793968640
12	$\mathcal{O}(6; \{6^4, 4^2, 2\})$	106993205379072
12	$\mathcal{O}(6; \{6^5, 3, 2\})$	196106320650240
12	$\mathcal{O}(6; \{12, 4, 3, 2^6\})$	35664401793024
12	$\mathcal{O}(6; \{12, 4, 3^4, 2^2\})$	178322008965120
12	$\mathcal{O}(6; \{12, 4^3, 3, 2^3\})$	142657607172096
12	$\mathcal{O}(6; \{12, 4^5, 3\})$	570630428688384
12	$\mathcal{O}(6; \{12, 6, 4, 3^2, 2^3\})$	106993205379072
12	$\mathcal{O}(6; \{12, 6, 4^3, 3^2\})$	427972821516288
12	$\mathcal{O}(6; \{12, 6^2, 4, 2^4\})$	35664401793024
12	$\mathcal{O}(6; \{12, 6^2, 4, 3^3\})$	392308419723264
12	$\mathcal{O}(6; \{12, 6^2, 4^3, 2\})$	142657607172096
12	$\mathcal{O}(6; \{12, 6^3, 4, 3, 2\})$	178322008965120
12	$\mathcal{O}(6; \{12^2, 2^7\})$	35664401793024

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(6; \{12^2, 3^3, 2^3\})$	178322008965120
12	$\mathcal{O}(6; \{12^2, 4^2, 2^4\})$	142657607172096
12	$\mathcal{O}(6; \{12^2, 4^2, 3^3\})$	713288035860480
12	$\mathcal{O}(6; \{12^2, 4^4, 2\})$	570630428688384
12	$\mathcal{O}(6; \{12^2, 6, 3, 2^4\})$	106993205379072
12	$\mathcal{O}(6; \{12^2, 6, 3^4\})$	748952437653504
12	$\mathcal{O}(6; \{12^2, 6, 4^2, 3, 2\})$	427972821516288
12	$\mathcal{O}(6; \{12^2, 6^2, 3^2, 2\})$	392308419723264
12	$\mathcal{O}(6; \{12^2, 6^3, 2^2\})$	178322008965120
12	$\mathcal{O}(6; \{12^3, 4, 3^2, 2\})$	713288035860480
12	$\mathcal{O}(6; \{12^3, 6, 4, 2^2\})$	427972821516288
12	$\mathcal{O}(6; \{12^4, 3, 2^2\})$	713288035860480
12	$\mathcal{O}(6; \{12^4, 6^2\})$	1569233678893056
12	$\mathcal{O}(6; \{12^5, 4\})$	2853152143441920
12	$\mathcal{O}(5; \{3^2, 2^{12}\})$	123713796096
12	$\mathcal{O}(5; \{3^5, 2^8\})$	618568980480
12	$\mathcal{O}(5; \{3^8, 2^4\})$	5319693232128
12	$\mathcal{O}(5; \{3^{11}\})$	42186404468736
12	$\mathcal{O}(5; \{4^2, 3^2, 2^9\})$	247669456896
12	$\mathcal{O}(5; \{4^2, 3^5, 2^5\})$	1238347284480
12	$\mathcal{O}(5; \{4^2, 3^8, 2\})$	10649786646528
12	$\mathcal{O}(5; \{4^4, 3^2, 2^6\})$	990677827584
12	$\mathcal{O}(5; \{4^4, 3^5, 2^2\})$	4953389137920
12	$\mathcal{O}(5; \{4^6, 3^2, 2^3\})$	3962711310336
12	$\mathcal{O}(5; \{4^8, 3^2\})$	15850845241344
12	$\mathcal{O}(5; \{6, 3^3, 2^9\})$	371141388288
12	$\mathcal{O}(5; \{6, 3^6, 2^5\})$	2597989718016
12	$\mathcal{O}(5; \{6, 3^9, 2\})$	21155059132416
12	$\mathcal{O}(5; \{6, 4^2, 3^3, 2^6\})$	743008370688
12	$\mathcal{O}(5; \{6, 4^2, 3^6, 2^2\})$	5201058594816
12	$\mathcal{O}(5; \{6, 4^4, 3^3, 2^3\})$	2972033482752
12	$\mathcal{O}(5; \{6, 4^6, 3^3\})$	11888133931008
12	$\mathcal{O}(5; \{6^2, 3, 2^{10}\})$	123713796096
12	$\mathcal{O}(5; \{6^2, 3^4, 2^6\})$	1360851757056
12	$\mathcal{O}(5; \{6^2, 3^7, 2^2\})$	10515672668160
12	$\mathcal{O}(5; \{6^2, 4^2, 3, 2^7\})$	247669456896
12	$\mathcal{O}(5; \{6^2, 4^2, 3^4, 2^3\})$	2724364025856
12	$\mathcal{O}(5; \{6^2, 4^4, 3, 2^4\})$	990677827584
12	$\mathcal{O}(5; \{6^2, 4^4, 3^4\})$	10897456103424
12	$\mathcal{O}(5; \{6^2, 4^6, 3, 2\})$	3962711310336
12	$\mathcal{O}(5; \{6^3, 3^2, 2^7\})$	618568980480
12	$\mathcal{O}(5; \{6^3, 3^5, 2^3\})$	5319693232128
12	$\mathcal{O}(5; \{6^3, 4^2, 3^2, 2^4\})$	1238347284480

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{6^3, 4^2, 3^5\})$	10649786646528
12	$\mathcal{O}(5; \{6^3, 4^4, 3^2, 2\})$	4953389137920
12	$\mathcal{O}(5; \{6^4, 2^8\})$	371141388288
12	$\mathcal{O}(5; \{6^4, 3^3, 2^4\})$	2597989718016
12	$\mathcal{O}(5; \{6^4, 3^6\})$	21155059132416
12	$\mathcal{O}(5; \{6^4, 4^2, 2^5\})$	743008370688
12	$\mathcal{O}(5; \{6^4, 4^2, 3^3, 2\})$	5201058594816
12	$\mathcal{O}(5; \{6^4, 4^4, 2^2\})$	2972033482752
12	$\mathcal{O}(5; \{6^5, 3, 2^5\})$	1360851757056
12	$\mathcal{O}(5; \{6^5, 3^4, 2\})$	10515672668160
12	$\mathcal{O}(5; \{6^5, 4^2, 3, 2^2\})$	2724364025856
12	$\mathcal{O}(5; \{6^6, 3^2, 2^2\})$	5319693232128
12	$\mathcal{O}(5; \{6^7, 2^3\})$	2597989718016
12	$\mathcal{O}(5; \{6^7, 4^2\})$	5201058594816
12	$\mathcal{O}(5; \{6^8, 3\})$	10515672668160
12	$\mathcal{O}(5; \{12, 4, 3, 2^{10}\})$	247669456896
12	$\mathcal{O}(5; \{12, 4, 3^4, 2^6\})$	1238347284480
12	$\mathcal{O}(5; \{12, 4, 3^7, 2^2\})$	10649786646528
12	$\mathcal{O}(5; \{12, 4^3, 3, 2^7\})$	990677827584
12	$\mathcal{O}(5; \{12, 4^3, 3^4, 2^3\})$	4953389137920
12	$\mathcal{O}(5; \{12, 4^5, 3, 2^4\})$	3962711310336
12	$\mathcal{O}(5; \{12, 4^5, 3^4\})$	19813556551680
12	$\mathcal{O}(5; \{12, 4^7, 3, 2\})$	15850845241344
12	$\mathcal{O}(5; \{12, 6, 4, 3^2, 2^7\})$	743008370688
12	$\mathcal{O}(5; \{12, 6, 4, 3^5, 2^3\})$	5201058594816
12	$\mathcal{O}(5; \{12, 6, 4^3, 3^2, 2^4\})$	2972033482752
12	$\mathcal{O}(5; \{12, 6, 4^3, 3^5\})$	20804234379264
12	$\mathcal{O}(5; \{12, 6, 4^5, 3^2, 2\})$	11888133931008
12	$\mathcal{O}(5; \{12, 6^2, 4, 2^8\})$	247669456896
12	$\mathcal{O}(5; \{12, 6^2, 4, 3^3, 2^4\})$	2724364025856
12	$\mathcal{O}(5; \{12, 6^2, 4, 3^6\})$	21051903836160
12	$\mathcal{O}(5; \{12, 6^2, 4^3, 2^5\})$	990677827584
12	$\mathcal{O}(5; \{12, 6^2, 4^3, 3^3, 2\})$	10897456103424
12	$\mathcal{O}(5; \{12, 6^2, 4^5, 2^2\})$	3962711310336
12	$\mathcal{O}(5; \{12, 6^3, 4, 3, 2^5\})$	1238347284480
12	$\mathcal{O}(5; \{12, 6^3, 4, 3^4, 2\})$	10649786646528
12	$\mathcal{O}(5; \{12, 6^3, 4^3, 3, 2^2\})$	4953389137920
12	$\mathcal{O}(5; \{12, 6^4, 4, 3^2, 2^2\})$	5201058594816
12	$\mathcal{O}(5; \{12, 6^5, 4, 2^3\})$	2724364025856
12	$\mathcal{O}(5; \{12, 6^5, 4^3\})$	10897456103424
12	$\mathcal{O}(5; \{12, 6^6, 4, 3\})$	10649786646528
12	$\mathcal{O}(5; \{12^2, 2^{11}\})$	247669456896
12	$\mathcal{O}(5; \{12^2, 3^3, 2^7\})$	1238347284480

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{12^2, 3^6, 2^3\})$	10649786646528
12	$\mathcal{O}(5; \{12^2, 4^2, 2^8\})$	990677827584
12	$\mathcal{O}(5; \{12^2, 4^2, 3^3, 2^4\})$	4953389137920
12	$\mathcal{O}(5; \{12^2, 4^2, 3^6\})$	42599146586112
12	$\mathcal{O}(5; \{12^2, 4^4, 2^5\})$	3962711310336
12	$\mathcal{O}(5; \{12^2, 4^4, 3^3, 2\})$	19813556551680
12	$\mathcal{O}(5; \{12^2, 4^6, 2^2\})$	15850845241344
12	$\mathcal{O}(5; \{12^2, 6, 3, 2^8\})$	743008370688
12	$\mathcal{O}(5; \{12^2, 6, 3^4, 2^4\})$	5201058594816
12	$\mathcal{O}(5; \{12^2, 6, 3^7\})$	42351477129216
12	$\mathcal{O}(5; \{12^2, 6, 4^2, 3, 2^5\})$	2972033482752
12	$\mathcal{O}(5; \{12^2, 6, 4^2, 3^4, 2\})$	20804234379264
12	$\mathcal{O}(5; \{12^2, 6, 4^4, 3, 2^2\})$	11888133931008
12	$\mathcal{O}(5; \{12^2, 6^2, 3^2, 2^5\})$	2724364025856
12	$\mathcal{O}(5; \{12^2, 6^2, 3^5, 2\})$	21051903836160
12	$\mathcal{O}(5; \{12^2, 6^2, 4^2, 3^2, 2^2\})$	10897456103424
12	$\mathcal{O}(5; \{12^2, 6^3, 2^6\})$	1238347284480
12	$\mathcal{O}(5; \{12^2, 6^3, 3^3, 2^2\})$	10649786646528
12	$\mathcal{O}(5; \{12^2, 6^3, 4^2, 2^3\})$	4953389137920
12	$\mathcal{O}(5; \{12^2, 6^3, 4^4\})$	19813556551680
12	$\mathcal{O}(5; \{12^2, 6^4, 3, 2^3\})$	5201058594816
12	$\mathcal{O}(5; \{12^2, 6^4, 4^2, 3\})$	20804234379264
12	$\mathcal{O}(5; \{12^2, 6^5, 3^2\})$	21051903836160
12	$\mathcal{O}(5; \{12^2, 6^6, 2\})$	10649786646528
12	$\mathcal{O}(5; \{12^3, 4, 3^2, 2^5\})$	4953389137920
12	$\mathcal{O}(5; \{12^3, 4, 3^5, 2\})$	42599146586112
12	$\mathcal{O}(5; \{12^3, 4^3, 3^2, 2^2\})$	19813556551680
12	$\mathcal{O}(5; \{12^3, 6, 4, 2^6\})$	2972033482752
12	$\mathcal{O}(5; \{12^3, 6, 4, 3^3, 2^2\})$	20804234379264
12	$\mathcal{O}(5; \{12^3, 6, 4^3, 2^3\})$	11888133931008
12	$\mathcal{O}(5; \{12^3, 6, 4^5\})$	47525235724032
12	$\mathcal{O}(5; \{12^3, 6^2, 4, 3, 2^3\})$	10897456103424
12	$\mathcal{O}(5; \{12^3, 6^2, 4^3, 3\})$	43589824413696
12	$\mathcal{O}(5; \{12^3, 6^3, 4, 3^2\})$	42599146586112
12	$\mathcal{O}(5; \{12^3, 6^4, 4, 2\})$	20804234379264
12	$\mathcal{O}(5; \{12^4, 3, 2^6\})$	4953389137920
12	$\mathcal{O}(5; \{12^4, 3^4, 2^2\})$	42599146586112
12	$\mathcal{O}(5; \{12^4, 4^2, 3, 2^3\})$	19813556551680
12	$\mathcal{O}(5; \{12^4, 4^4, 3\})$	79254226206720
12	$\mathcal{O}(5; \{12^4, 6, 3^2, 2^3\})$	20804234379264
12	$\mathcal{O}(5; \{12^4, 6, 4^2, 3^2\})$	83216937517056
12	$\mathcal{O}(5; \{12^4, 6^2, 2^4\})$	10897456103424
12	$\mathcal{O}(5; \{12^4, 6^2, 3^3\})$	84207615344640

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{12^4, 6^2, 4^2, 2\})$	43589824413696
12	$\mathcal{O}(5; \{12^4, 6^3, 3, 2\})$	42599146586112
12	$\mathcal{O}(5; \{12^5, 4, 2^4\})$	19813556551680
12	$\mathcal{O}(5; \{12^5, 4, 3^3\})$	170396586344448
12	$\mathcal{O}(5; \{12^5, 4^3, 2\})$	79254226206720
12	$\mathcal{O}(5; \{12^5, 6, 4, 3, 2\})$	83216937517056
12	$\mathcal{O}(5; \{12^6, 3^2, 2\})$	170396586344448
12	$\mathcal{O}(5; \{12^6, 6, 2^2\})$	83216937517056
12	$\mathcal{O}(5; \{12^8\})$	681586345377792
12	$\mathcal{O}(4; \{3^2, 2^{16}\})$	856604160
12	$\mathcal{O}(4; \{3^5, 2^{12}\})$	4283020800
12	$\mathcal{O}(4; \{3^8, 2^8\})$	36833978880
12	$\mathcal{O}(4; \{3^{11}, 2^4\})$	292102018560
12	$\mathcal{O}(4; \{3^{14}\})$	2339385960960
12	$\mathcal{O}(4; \{4^2, 3^2, 2^{13}\})$	1719926784
12	$\mathcal{O}(4; \{4^2, 3^5, 2^9\})$	8599633920
12	$\mathcal{O}(4; \{4^2, 3^8, 2^5\})$	73956851712
12	$\mathcal{O}(4; \{4^2, 3^{11}, 2\})$	586495033344
12	$\mathcal{O}(4; \{4^4, 3^2, 2^{10}\})$	6879707136
12	$\mathcal{O}(4; \{4^4, 3^5, 2^6\})$	34398535680
12	$\mathcal{O}(4; \{4^4, 3^8, 2^2\})$	295827406848
12	$\mathcal{O}(4; \{4^6, 3^2, 2^7\})$	27518828544
12	$\mathcal{O}(4; \{4^6, 3^5, 2^3\})$	137594142720
12	$\mathcal{O}(4; \{4^8, 3^2, 2^4\})$	110075314176
12	$\mathcal{O}(4; \{4^8, 3^5\})$	550376570880
12	$\mathcal{O}(4; \{4^{10}, 3^2, 2\})$	440301256704
12	$\mathcal{O}(4; \{6, 3^3, 2^{13}\})$	2569812480
12	$\mathcal{O}(4; \{6, 3^6, 2^9\})$	17988687360
12	$\mathcal{O}(4; \{6, 3^9, 2^5\})$	146479311360
12	$\mathcal{O}(4; \{6, 3^{12}, 2\})$	1169264678400
12	$\mathcal{O}(4; \{6, 4^2, 3^3, 2^{10}\})$	5159780352
12	$\mathcal{O}(4; \{6, 4^2, 3^6, 2^6\})$	36118462464
12	$\mathcal{O}(4; \{6, 4^2, 3^9, 2^2\})$	294107480064
12	$\mathcal{O}(4; \{6, 4^4, 3^3, 2^7\})$	20639121408
12	$\mathcal{O}(4; \{6, 4^4, 3^6, 2^3\})$	144473849856
12	$\mathcal{O}(4; \{6, 4^6, 3^3, 2^4\})$	82556485632
12	$\mathcal{O}(4; \{6, 4^6, 3^6\})$	577895399424
12	$\mathcal{O}(4; \{6, 4^8, 3^3, 2\})$	330225942528
12	$\mathcal{O}(4; \{6^2, 3, 2^{14}\})$	856604160
12	$\mathcal{O}(4; \{6^2, 3^4, 2^{10}\})$	9422645760
12	$\mathcal{O}(4; \{6^2, 3^7, 2^6\})$	72811353600
12	$\mathcal{O}(4; \{6^2, 3^{10}, 2^2\})$	585060641280
12	$\mathcal{O}(4; \{6^2, 4^2, 3, 2^{11}\})$	1719926784

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{6^2, 4^2, 3^4, 2^7\})$	18919194624
12	$\mathcal{O}(4; \{6^2, 4^2, 3^7, 2^3\})$	146193776640
12	$\mathcal{O}(4; \{6^2, 4^4, 3, 2^8\})$	6879707136
12	$\mathcal{O}(4; \{6^2, 4^4, 3^4, 2^4\})$	75676778496
12	$\mathcal{O}(4; \{6^2, 4^4, 3^7\})$	584775106560
12	$\mathcal{O}(4; \{6^2, 4^6, 3, 2^5\})$	27518828544
12	$\mathcal{O}(4; \{6^2, 4^6, 3^4, 2\})$	302707113984
12	$\mathcal{O}(4; \{6^2, 4^8, 3, 2^2\})$	110075314176
12	$\mathcal{O}(4; \{6^3, 3^2, 2^{11}\})$	4283020800
12	$\mathcal{O}(4; \{6^3, 3^5, 2^7\})$	36833978880
12	$\mathcal{O}(4; \{6^3, 3^8, 2^3\})$	292102018560
12	$\mathcal{O}(4; \{6^3, 4^2, 3^2, 2^8\})$	8599633920
12	$\mathcal{O}(4; \{6^3, 4^2, 3^5, 2^4\})$	73956851712
12	$\mathcal{O}(4; \{6^3, 4^2, 3^8\})$	586495033344
12	$\mathcal{O}(4; \{6^3, 4^4, 3^2, 2^5\})$	34398535680
12	$\mathcal{O}(4; \{6^3, 4^4, 3^5, 2\})$	295827406848
12	$\mathcal{O}(4; \{6^3, 4^6, 3^2, 2^2\})$	137594142720
12	$\mathcal{O}(4; \{6^4, 2^{12}\})$	2569812480
12	$\mathcal{O}(4; \{6^4, 3^3, 2^8\})$	17988687360
12	$\mathcal{O}(4; \{6^4, 3^6, 2^4\})$	146479311360
12	$\mathcal{O}(4; \{6^4, 3^9\})$	1169264678400
12	$\mathcal{O}(4; \{6^4, 4^2, 2^9\})$	5159780352
12	$\mathcal{O}(4; \{6^4, 4^2, 3^3, 2^5\})$	36118462464
12	$\mathcal{O}(4; \{6^4, 4^2, 3^6, 2\})$	294107480064
12	$\mathcal{O}(4; \{6^4, 4^4, 2^6\})$	20639121408
12	$\mathcal{O}(4; \{6^4, 4^4, 3^3, 2^2\})$	144473849856
12	$\mathcal{O}(4; \{6^4, 4^6, 2^3\})$	82556485632
12	$\mathcal{O}(4; \{6^4, 4^8\})$	330225942528
12	$\mathcal{O}(4; \{6^5, 3, 2^9\})$	9422645760
12	$\mathcal{O}(4; \{6^5, 3^4, 2^5\})$	72811353600
12	$\mathcal{O}(4; \{6^5, 3^7, 2\})$	585060641280
12	$\mathcal{O}(4; \{6^5, 4^2, 3, 2^6\})$	18919194624
12	$\mathcal{O}(4; \{6^5, 4^2, 3^4, 2^2\})$	146193776640
12	$\mathcal{O}(4; \{6^5, 4^4, 3, 2^3\})$	75676778496
12	$\mathcal{O}(4; \{6^5, 4^6, 3\})$	302707113984
12	$\mathcal{O}(4; \{6^6, 3^2, 2^6\})$	36833978880
12	$\mathcal{O}(4; \{6^6, 3^5, 2^2\})$	292102018560
12	$\mathcal{O}(4; \{6^6, 4^2, 3^2, 2^3\})$	73956851712
12	$\mathcal{O}(4; \{6^6, 4^4, 3^2\})$	295827406848
12	$\mathcal{O}(4; \{6^7, 2^7\})$	17988687360
12	$\mathcal{O}(4; \{6^7, 3^3, 2^3\})$	146479311360
12	$\mathcal{O}(4; \{6^7, 4^2, 2^4\})$	36118462464
12	$\mathcal{O}(4; \{6^7, 4^2, 3^3\})$	294107480064

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{6^7, 4^4, 2\})$	144473849856
12	$\mathcal{O}(4; \{6^8, 3, 2^4\})$	72811353600
12	$\mathcal{O}(4; \{6^8, 3^4\})$	585060641280
12	$\mathcal{O}(4; \{6^8, 4^2, 3, 2\})$	146193776640
12	$\mathcal{O}(4; \{6^9, 3^2, 2\})$	292102018560
12	$\mathcal{O}(4; \{6^{10}, 2^2\})$	146479311360
12	$\mathcal{O}(4; \{12, 4, 3, 2^{14}\})$	1719926784
12	$\mathcal{O}(4; \{12, 4, 3^4, 2^{10}\})$	8599633920
12	$\mathcal{O}(4; \{12, 4, 3^7, 2^6\})$	73956851712
12	$\mathcal{O}(4; \{12, 4, 3^{10}, 2^2\})$	586495033344
12	$\mathcal{O}(4; \{12, 4^3, 3, 2^{11}\})$	6879707136
12	$\mathcal{O}(4; \{12, 4^3, 3^4, 2^7\})$	34398535680
12	$\mathcal{O}(4; \{12, 4^3, 3^7, 2^3\})$	295827406848
12	$\mathcal{O}(4; \{12, 4^5, 3, 2^8\})$	27518828544
12	$\mathcal{O}(4; \{12, 4^5, 3^4, 2^4\})$	137594142720
12	$\mathcal{O}(4; \{12, 4^5, 3^7\})$	1183309627392
12	$\mathcal{O}(4; \{12, 4^7, 3, 2^5\})$	110075314176
12	$\mathcal{O}(4; \{12, 4^7, 3^4, 2\})$	550376570880
12	$\mathcal{O}(4; \{12, 4^9, 3, 2^2\})$	440301256704
12	$\mathcal{O}(4; \{12, 6, 4, 3^2, 2^{11}\})$	5159780352
12	$\mathcal{O}(4; \{12, 6, 4, 3^5, 2^7\})$	36118462464
12	$\mathcal{O}(4; \{12, 6, 4, 3^8, 2^3\})$	294107480064
12	$\mathcal{O}(4; \{12, 6, 4^3, 3^2, 2^8\})$	20639121408
12	$\mathcal{O}(4; \{12, 6, 4^3, 3^5, 2^4\})$	144473849856
12	$\mathcal{O}(4; \{12, 6, 4^3, 3^8\})$	1176429920256
12	$\mathcal{O}(4; \{12, 6, 4^5, 3^2, 2^5\})$	82556485632
12	$\mathcal{O}(4; \{12, 6, 4^5, 3^5, 2\})$	577895399424
12	$\mathcal{O}(4; \{12, 6, 4^7, 3^2, 2^2\})$	330225942528
12	$\mathcal{O}(4; \{12, 6^2, 4, 2^{12}\})$	1719926784
12	$\mathcal{O}(4; \{12, 6^2, 4, 3^3, 2^8\})$	18919194624
12	$\mathcal{O}(4; \{12, 6^2, 4, 3^6, 2^4\})$	146193776640
12	$\mathcal{O}(4; \{12, 6^2, 4, 3^9\})$	1174709993472
12	$\mathcal{O}(4; \{12, 6^2, 4^3, 2^9\})$	6879707136
12	$\mathcal{O}(4; \{12, 6^2, 4^3, 3^3, 2^5\})$	75676778496
12	$\mathcal{O}(4; \{12, 6^2, 4^3, 3^6, 2\})$	584775106560
12	$\mathcal{O}(4; \{12, 6^2, 4^5, 2^6\})$	27518828544
12	$\mathcal{O}(4; \{12, 6^2, 4^5, 3^3, 2^2\})$	302707113984
12	$\mathcal{O}(4; \{12, 6^2, 4^7, 2^3\})$	110075314176
12	$\mathcal{O}(4; \{12, 6^2, 4^9\})$	440301256704
12	$\mathcal{O}(4; \{12, 6^3, 4, 3, 2^9\})$	8599633920
12	$\mathcal{O}(4; \{12, 6^3, 4, 3^4, 2^5\})$	73956851712
12	$\mathcal{O}(4; \{12, 6^3, 4, 3^7, 2\})$	586495033344
12	$\mathcal{O}(4; \{12, 6^3, 4^3, 3, 2^6\})$	34398535680

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12, 6^3, 4^3, 3^4, 2^2\})$	295827406848
12	$\mathcal{O}(4; \{12, 6^3, 4^5, 3, 2^3\})$	137594142720
12	$\mathcal{O}(4; \{12, 6^3, 4^7, 3\})$	550376570880
12	$\mathcal{O}(4; \{12, 6^4, 4, 3^2, 2^6\})$	36118462464
12	$\mathcal{O}(4; \{12, 6^4, 4, 3^5, 2^2\})$	294107480064
12	$\mathcal{O}(4; \{12, 6^4, 4^3, 3^2, 2^3\})$	144473849856
12	$\mathcal{O}(4; \{12, 6^4, 4^5, 3^2\})$	577895399424
12	$\mathcal{O}(4; \{12, 6^5, 4, 2^7\})$	18919194624
12	$\mathcal{O}(4; \{12, 6^5, 4, 3^3, 2^3\})$	146193776640
12	$\mathcal{O}(4; \{12, 6^5, 4^3, 2^4\})$	75676778496
12	$\mathcal{O}(4; \{12, 6^5, 4^3, 3^3\})$	584775106560
12	$\mathcal{O}(4; \{12, 6^5, 4^5, 2\})$	302707113984
12	$\mathcal{O}(4; \{12, 6^6, 4, 3, 2^4\})$	73956851712
12	$\mathcal{O}(4; \{12, 6^6, 4, 3^4\})$	586495033344
12	$\mathcal{O}(4; \{12, 6^6, 4^3, 3, 2\})$	295827406848
12	$\mathcal{O}(4; \{12, 6^7, 4, 3^2, 2\})$	294107480064
12	$\mathcal{O}(4; \{12, 6^8, 4, 2^2\})$	146193776640
12	$\mathcal{O}(4; \{12^2, 2^{15}\})$	1719926784
12	$\mathcal{O}(4; \{12^2, 3^3, 2^{11}\})$	8599633920
12	$\mathcal{O}(4; \{12^2, 3^6, 2^7\})$	73956851712
12	$\mathcal{O}(4; \{12^2, 3^9, 2^3\})$	586495033344
12	$\mathcal{O}(4; \{12^2, 4^2, 2^{12}\})$	6879707136
12	$\mathcal{O}(4; \{12^2, 4^2, 3^3, 2^8\})$	34398535680
12	$\mathcal{O}(4; \{12^2, 4^2, 3^6, 2^4\})$	295827406848
12	$\mathcal{O}(4; \{12^2, 4^2, 3^9\})$	2345980133376
12	$\mathcal{O}(4; \{12^2, 4^4, 2^9\})$	27518828544
12	$\mathcal{O}(4; \{12^2, 4^4, 3^3, 2^5\})$	137594142720
12	$\mathcal{O}(4; \{12^2, 4^4, 3^6, 2\})$	1183309627392
12	$\mathcal{O}(4; \{12^2, 4^6, 2^6\})$	110075314176
12	$\mathcal{O}(4; \{12^2, 4^6, 3^3, 2^2\})$	550376570880
12	$\mathcal{O}(4; \{12^2, 4^8, 2^3\})$	440301256704
12	$\mathcal{O}(4; \{12^2, 4^{10}\})$	1761205026816
12	$\mathcal{O}(4; \{12^2, 6, 3, 2^{12}\})$	5159780352
12	$\mathcal{O}(4; \{12^2, 6, 3^4, 2^8\})$	36118462464
12	$\mathcal{O}(4; \{12^2, 6, 3^7, 2^4\})$	294107480064
12	$\mathcal{O}(4; \{12^2, 6, 3^{10}\})$	2347700060160
12	$\mathcal{O}(4; \{12^2, 6, 4^2, 3, 2^9\})$	20639121408
12	$\mathcal{O}(4; \{12^2, 6, 4^2, 3^4, 2^5\})$	144473849856
12	$\mathcal{O}(4; \{12^2, 6, 4^2, 3^7, 2\})$	1176429920256
12	$\mathcal{O}(4; \{12^2, 6, 4^4, 3, 2^6\})$	82556485632
12	$\mathcal{O}(4; \{12^2, 6, 4^4, 3^4, 2^2\})$	577895399424
12	$\mathcal{O}(4; \{12^2, 6, 4^6, 3, 2^3\})$	330225942528
12	$\mathcal{O}(4; \{12^2, 6, 4^8, 3\})$	1320903770112

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^2, 6^2, 3^2, 2^9\})$	18919194624
12	$\mathcal{O}(4; \{12^2, 6^2, 3^5, 2^5\})$	146193776640
12	$\mathcal{O}(4; \{12^2, 6^2, 3^8, 2\})$	1174709993472
12	$\mathcal{O}(4; \{12^2, 6^2, 4^2, 3^2, 2^6\})$	75676778496
12	$\mathcal{O}(4; \{12^2, 6^2, 4^2, 3^5, 2^2\})$	584775106560
12	$\mathcal{O}(4; \{12^2, 6^2, 4^4, 3^2, 2^3\})$	302707113984
12	$\mathcal{O}(4; \{12^2, 6^2, 4^6, 3^2\})$	1210828455936
12	$\mathcal{O}(4; \{12^2, 6^3, 2^{10}\})$	8599633920
12	$\mathcal{O}(4; \{12^2, 6^3, 3^3, 2^6\})$	73956851712
12	$\mathcal{O}(4; \{12^2, 6^3, 3^6, 2^2\})$	586495033344
12	$\mathcal{O}(4; \{12^2, 6^3, 4^2, 2^7\})$	34398535680
12	$\mathcal{O}(4; \{12^2, 6^3, 4^2, 3^3, 2^3\})$	295827406848
12	$\mathcal{O}(4; \{12^2, 6^3, 4^4, 2^4\})$	137594142720
12	$\mathcal{O}(4; \{12^2, 6^3, 4^4, 3^3\})$	1183309627392
12	$\mathcal{O}(4; \{12^2, 6^3, 4^6, 2\})$	550376570880
12	$\mathcal{O}(4; \{12^2, 6^4, 3, 2^7\})$	36118462464
12	$\mathcal{O}(4; \{12^2, 6^4, 3^4, 2^3\})$	294107480064
12	$\mathcal{O}(4; \{12^2, 6^4, 4^2, 3, 2^4\})$	144473849856
12	$\mathcal{O}(4; \{12^2, 6^4, 4^2, 3^4\})$	1176429920256
12	$\mathcal{O}(4; \{12^2, 6^4, 4^4, 3, 2\})$	577895399424
12	$\mathcal{O}(4; \{12^2, 6^5, 3^2, 2^4\})$	146193776640
12	$\mathcal{O}(4; \{12^2, 6^5, 3^5\})$	1174709993472
12	$\mathcal{O}(4; \{12^2, 6^5, 4^2, 3^2, 2\})$	584775106560
12	$\mathcal{O}(4; \{12^2, 6^6, 2^5\})$	73956851712
12	$\mathcal{O}(4; \{12^2, 6^6, 3^3, 2\})$	586495033344
12	$\mathcal{O}(4; \{12^2, 6^6, 4^2, 2^2\})$	295827406848
12	$\mathcal{O}(4; \{12^2, 6^7, 3, 2^2\})$	294107480064
12	$\mathcal{O}(4; \{12^2, 6^9\})$	586495033344
12	$\mathcal{O}(4; \{12^3, 4, 3^2, 2^9\})$	34398535680
12	$\mathcal{O}(4; \{12^3, 4, 3^5, 2^5\})$	295827406848
12	$\mathcal{O}(4; \{12^3, 4, 3^8, 2\})$	2345980133376
12	$\mathcal{O}(4; \{12^3, 4^3, 3^2, 2^6\})$	137594142720
12	$\mathcal{O}(4; \{12^3, 4^3, 3^5, 2^2\})$	1183309627392
12	$\mathcal{O}(4; \{12^3, 4^5, 3^2, 2^3\})$	550376570880
12	$\mathcal{O}(4; \{12^3, 4^7, 3^2\})$	2201506283520
12	$\mathcal{O}(4; \{12^3, 6, 4, 2^{10}\})$	20639121408
12	$\mathcal{O}(4; \{12^3, 6, 4, 3^3, 2^6\})$	144473849856
12	$\mathcal{O}(4; \{12^3, 6, 4, 3^6, 2^2\})$	1176429920256
12	$\mathcal{O}(4; \{12^3, 6, 4^3, 2^7\})$	82556485632
12	$\mathcal{O}(4; \{12^3, 6, 4^3, 3^3, 2^3\})$	577895399424
12	$\mathcal{O}(4; \{12^3, 6, 4^5, 2^4\})$	330225942528
12	$\mathcal{O}(4; \{12^3, 6, 4^5, 3^3\})$	2311581597696
12	$\mathcal{O}(4; \{12^3, 6, 4^7, 2\})$	1320903770112

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^3, 6^2, 4, 3, 2^7\})$	75676778496
12	$\mathcal{O}(4; \{12^3, 6^2, 4, 3^4, 2^3\})$	584775106560
12	$\mathcal{O}(4; \{12^3, 6^2, 4^3, 3, 2^4\})$	302707113984
12	$\mathcal{O}(4; \{12^3, 6^2, 4^3, 3^4\})$	2339100426240
12	$\mathcal{O}(4; \{12^3, 6^2, 4^5, 3, 2\})$	1210828455936
12	$\mathcal{O}(4; \{12^3, 6^3, 4, 3^2, 2^4\})$	295827406848
12	$\mathcal{O}(4; \{12^3, 6^3, 4, 3^5\})$	2345980133376
12	$\mathcal{O}(4; \{12^3, 6^3, 4^3, 3^2, 2\})$	1183309627392
12	$\mathcal{O}(4; \{12^3, 6^4, 4, 2^5\})$	144473849856
12	$\mathcal{O}(4; \{12^3, 6^4, 4, 3^3, 2\})$	1176429920256
12	$\mathcal{O}(4; \{12^3, 6^4, 4^3, 2^2\})$	577895399424
12	$\mathcal{O}(4; \{12^3, 6^5, 4, 3, 2^2\})$	584775106560
12	$\mathcal{O}(4; \{12^3, 6^7, 4\})$	1176429920256
12	$\mathcal{O}(4; \{12^4, 3, 2^{10}\})$	34398535680
12	$\mathcal{O}(4; \{12^4, 3^4, 2^6\})$	295827406848
12	$\mathcal{O}(4; \{12^4, 3^7, 2^2\})$	2345980133376
12	$\mathcal{O}(4; \{12^4, 4^2, 3, 2^7\})$	137594142720
12	$\mathcal{O}(4; \{12^4, 4^2, 3^4, 2^3\})$	1183309627392
12	$\mathcal{O}(4; \{12^4, 4^4, 3, 2^4\})$	550376570880
12	$\mathcal{O}(4; \{12^4, 4^4, 3^4\})$	4733238509568
12	$\mathcal{O}(4; \{12^4, 4^6, 3, 2\})$	2201506283520
12	$\mathcal{O}(4; \{12^4, 6, 3^2, 2^7\})$	144473849856
12	$\mathcal{O}(4; \{12^4, 6, 3^5, 2^3\})$	1176429920256
12	$\mathcal{O}(4; \{12^4, 6, 4^2, 3^2, 2^4\})$	577895399424
12	$\mathcal{O}(4; \{12^4, 6, 4^2, 3^5\})$	4705719681024
12	$\mathcal{O}(4; \{12^4, 6, 4^4, 3^2, 2\})$	2311581597696
12	$\mathcal{O}(4; \{12^4, 6^2, 2^8\})$	75676778496
12	$\mathcal{O}(4; \{12^4, 6^2, 3^3, 2^4\})$	584775106560
12	$\mathcal{O}(4; \{12^4, 6^2, 3^6\})$	4698839973888
12	$\mathcal{O}(4; \{12^4, 6^2, 4^2, 2^5\})$	302707113984
12	$\mathcal{O}(4; \{12^4, 6^2, 4^2, 3^3, 2\})$	2339100426240
12	$\mathcal{O}(4; \{12^4, 6^2, 4^4, 2^2\})$	1210828455936
12	$\mathcal{O}(4; \{12^4, 6^3, 3, 2^5\})$	295827406848
12	$\mathcal{O}(4; \{12^4, 6^3, 3^4, 2\})$	2345980133376
12	$\mathcal{O}(4; \{12^4, 6^3, 4^2, 3, 2^2\})$	1183309627392
12	$\mathcal{O}(4; \{12^4, 6^4, 3^2, 2^2\})$	1176429920256
12	$\mathcal{O}(4; \{12^4, 6^5, 2^3\})$	584775106560
12	$\mathcal{O}(4; \{12^4, 6^5, 4^2\})$	2339100426240
12	$\mathcal{O}(4; \{12^4, 6^6, 3\})$	2345980133376
12	$\mathcal{O}(4; \{12^5, 4, 2^8\})$	137594142720
12	$\mathcal{O}(4; \{12^5, 4, 3^3, 2^4\})$	1183309627392
12	$\mathcal{O}(4; \{12^5, 4, 3^6\})$	9383920533504
12	$\mathcal{O}(4; \{12^5, 4^3, 2^5\})$	550376570880

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^5, 4^3, 3^3, 2\})$	4733238509568
12	$\mathcal{O}(4; \{12^5, 4^5, 2^2\})$	2201506283520
12	$\mathcal{O}(4; \{12^5, 6, 4, 3, 2^5\})$	577895399424
12	$\mathcal{O}(4; \{12^5, 6, 4, 3^4, 2\})$	4705719681024
12	$\mathcal{O}(4; \{12^5, 6, 4^3, 3, 2^2\})$	2311581597696
12	$\mathcal{O}(4; \{12^5, 6^2, 4, 3^2, 2^2\})$	2339100426240
12	$\mathcal{O}(4; \{12^5, 6^3, 4, 2^3\})$	1183309627392
12	$\mathcal{O}(4; \{12^5, 6^3, 4^3\})$	4733238509568
12	$\mathcal{O}(4; \{12^5, 6^4, 4, 3\})$	4705719681024
12	$\mathcal{O}(4; \{12^6, 3^2, 2^5\})$	1183309627392
12	$\mathcal{O}(4; \{12^6, 3^5, 2\})$	9383920533504
12	$\mathcal{O}(4; \{12^6, 4^2, 3^2, 2^2\})$	4733238509568
12	$\mathcal{O}(4; \{12^6, 6, 2^6\})$	577895399424
12	$\mathcal{O}(4; \{12^6, 6, 3^3, 2^2\})$	4705719681024
12	$\mathcal{O}(4; \{12^6, 6, 4^2, 2^3\})$	2311581597696
12	$\mathcal{O}(4; \{12^6, 6, 4^4\})$	9246326390784
12	$\mathcal{O}(4; \{12^6, 6^2, 3, 2^3\})$	2339100426240
12	$\mathcal{O}(4; \{12^6, 6^2, 4^2, 3\})$	9356401704960
12	$\mathcal{O}(4; \{12^6, 6^3, 3^2\})$	9383920533504
12	$\mathcal{O}(4; \{12^6, 6^4, 2\})$	4705719681024
12	$\mathcal{O}(4; \{12^7, 4, 3, 2^3\})$	4733238509568
12	$\mathcal{O}(4; \{12^7, 4^3, 3\})$	18932954038272
12	$\mathcal{O}(4; \{12^7, 6, 4, 3^2\})$	18822878724096
12	$\mathcal{O}(4; \{12^7, 6^2, 4, 2\})$	9356401704960
12	$\mathcal{O}(4; \{12^8, 2^4\})$	4733238509568
12	$\mathcal{O}(4; \{12^8, 3^3\})$	37535682134016
12	$\mathcal{O}(4; \{12^8, 4^2, 2\})$	18932954038272
12	$\mathcal{O}(4; \{12^8, 6, 3, 2\})$	18822878724096
12	$\mathcal{O}(3; \{3^2, 2^{20}\})$	5878656
12	$\mathcal{O}(3; \{3^5, 2^{16}\})$	29393280
12	$\mathcal{O}(3; \{3^8, 2^{12}\})$	252782208
12	$\mathcal{O}(3; \{3^{11}, 2^8\})$	2004621696
12	$\mathcal{O}(3; \{3^{14}, 2^4\})$	16054609536
12	$\mathcal{O}(3; \{3^{17}\})$	128419240320
12	$\mathcal{O}(3; \{4^2, 3^2, 2^{17}\})$	11943936
12	$\mathcal{O}(3; \{4^2, 3^5, 2^{13}\})$	59719680
12	$\mathcal{O}(3; \{4^2, 3^8, 2^9\})$	513589248
12	$\mathcal{O}(3; \{4^2, 3^{11}, 2^5\})$	4072882176
12	$\mathcal{O}(3; \{4^2, 3^{14}, 2\})$	32618889216
12	$\mathcal{O}(3; \{4^4, 3^2, 2^{14}\})$	47775744
12	$\mathcal{O}(3; \{4^4, 3^5, 2^{10}\})$	238878720
12	$\mathcal{O}(3; \{4^4, 3^8, 2^6\})$	2054356992
12	$\mathcal{O}(3; \{4^4, 3^{11}, 2^2\})$	16291528704

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{4^6, 3^2, 2^{11}\})$	191102976
12	$\mathcal{O}(3; \{4^6, 3^5, 2^7\})$	955514880
12	$\mathcal{O}(3; \{4^6, 3^8, 2^3\})$	8217427968
12	$\mathcal{O}(3; \{4^8, 3^2, 2^8\})$	764411904
12	$\mathcal{O}(3; \{4^8, 3^5, 2^4\})$	3822059520
12	$\mathcal{O}(3; \{4^8, 3^8\})$	32869711872
12	$\mathcal{O}(3; \{4^{10}, 3^2, 2^5\})$	3057647616
12	$\mathcal{O}(3; \{4^{10}, 3^5, 2\})$	15288238080
12	$\mathcal{O}(3; \{4^{12}, 3^2, 2^2\})$	12230590464
12	$\mathcal{O}(3; \{6, 3^3, 2^{17}\})$	17635968
12	$\mathcal{O}(3; \{6, 3^6, 2^{13}\})$	123451776
12	$\mathcal{O}(3; \{6, 3^9, 2^9\})$	1005250176
12	$\mathcal{O}(3; \{6, 3^{12}, 2^5\})$	8024365440
12	$\mathcal{O}(3; \{6, 3^{15}, 2\})$	64212559488
12	$\mathcal{O}(3; \{6, 4^2, 3^3, 2^{14}\})$	35831808
12	$\mathcal{O}(3; \{6, 4^2, 3^6, 2^{10}\})$	250822656
12	$\mathcal{O}(3; \{6, 4^2, 3^9, 2^6\})$	2042413056
12	$\mathcal{O}(3; \{6, 4^2, 3^{12}, 2^2\})$	16303472640
12	$\mathcal{O}(3; \{6, 4^4, 3^3, 2^{11}\})$	143327232
12	$\mathcal{O}(3; \{6, 4^4, 3^6, 2^7\})$	1003290624
12	$\mathcal{O}(3; \{6, 4^4, 3^9, 2^3\})$	8169652224
12	$\mathcal{O}(3; \{6, 4^6, 3^3, 2^8\})$	573308928
12	$\mathcal{O}(3; \{6, 4^6, 3^6, 2^4\})$	4013162496
12	$\mathcal{O}(3; \{6, 4^6, 3^9\})$	32678608896
12	$\mathcal{O}(3; \{6, 4^8, 3^3, 2^5\})$	2293235712
12	$\mathcal{O}(3; \{6, 4^8, 3^6, 2\})$	16052649984
12	$\mathcal{O}(3; \{6, 4^{10}, 3^3, 2^2\})$	9172942848
12	$\mathcal{O}(3; \{6^2, 3, 2^{18}\})$	5878656
12	$\mathcal{O}(3; \{6^2, 3^4, 2^{14}\})$	64665216
12	$\mathcal{O}(3; \{6^2, 3^7, 2^{10}\})$	499685760
12	$\mathcal{O}(3; \{6^2, 3^{10}, 2^6\})$	4015122048
12	$\mathcal{O}(3; \{6^2, 3^{13}, 2^2\})$	32103340416
12	$\mathcal{O}(3; \{6^2, 4^2, 3, 2^{15}\})$	11943936
12	$\mathcal{O}(3; \{6^2, 4^2, 3^4, 2^{11}\})$	131383296
12	$\mathcal{O}(3; \{6^2, 4^2, 3^7, 2^7\})$	1015234560
12	$\mathcal{O}(3; \{6^2, 4^2, 3^{10}, 2^3\})$	8157708288
12	$\mathcal{O}(3; \{6^2, 4^4, 3, 2^{12}\})$	47775744
12	$\mathcal{O}(3; \{6^2, 4^4, 3^4, 2^8\})$	525533184
12	$\mathcal{O}(3; \{6^2, 4^4, 3^7, 2^4\})$	4060938240
12	$\mathcal{O}(3; \{6^2, 4^4, 3^{10}\})$	32630833152
12	$\mathcal{O}(3; \{6^2, 4^6, 3, 2^9\})$	191102976
12	$\mathcal{O}(3; \{6^2, 4^6, 3^4, 2^5\})$	2102132736
12	$\mathcal{O}(3; \{6^2, 4^6, 3^7, 2\})$	16243752960

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{6^2, 4^8, 3, 2^6\})$	764411904
12	$\mathcal{O}(3; \{6^2, 4^8, 3^4, 2^2\})$	8408530944
12	$\mathcal{O}(3; \{6^2, 4^{10}, 3, 2^3\})$	3057647616
12	$\mathcal{O}(3; \{6^2, 4^{12}, 3\})$	12230590464
12	$\mathcal{O}(3; \{6^3, 3^2, 2^{15}\})$	29393280
12	$\mathcal{O}(3; \{6^3, 3^5, 2^{11}\})$	252782208
12	$\mathcal{O}(3; \{6^3, 3^8, 2^7\})$	2004621696
12	$\mathcal{O}(3; \{6^3, 3^{11}, 2^3\})$	16054609536
12	$\mathcal{O}(3; \{6^3, 4^2, 3^2, 2^{12}\})$	59719680
12	$\mathcal{O}(3; \{6^3, 4^2, 3^5, 2^8\})$	513589248
12	$\mathcal{O}(3; \{6^3, 4^2, 3^8, 2^4\})$	4072882176
12	$\mathcal{O}(3; \{6^3, 4^2, 3^{11}\})$	32618889216
12	$\mathcal{O}(3; \{6^3, 4^4, 3^2, 2^9\})$	238878720
12	$\mathcal{O}(3; \{6^3, 4^4, 3^5, 2^5\})$	2054356992
12	$\mathcal{O}(3; \{6^3, 4^4, 3^8, 2\})$	16291528704
12	$\mathcal{O}(3; \{6^3, 4^6, 3^2, 2^6\})$	955514880
12	$\mathcal{O}(3; \{6^3, 4^6, 3^5, 2^2\})$	8217427968
12	$\mathcal{O}(3; \{6^3, 4^8, 3^2, 2^3\})$	3822059520
12	$\mathcal{O}(3; \{6^3, 4^{10}, 3^2\})$	15288238080
12	$\mathcal{O}(3; \{6^4, 2^{16}\})$	17635968
12	$\mathcal{O}(3; \{6^4, 3^3, 2^{12}\})$	123451776
12	$\mathcal{O}(3; \{6^4, 3^6, 2^8\})$	1005250176
12	$\mathcal{O}(3; \{6^4, 3^9, 2^4\})$	8024365440
12	$\mathcal{O}(3; \{6^4, 3^{12}\})$	64212559488
12	$\mathcal{O}(3; \{6^4, 4^2, 2^{13}\})$	35831808
12	$\mathcal{O}(3; \{6^4, 4^2, 3^3, 2^9\})$	250822656
12	$\mathcal{O}(3; \{6^4, 4^2, 3^6, 2^5\})$	2042413056
12	$\mathcal{O}(3; \{6^4, 4^2, 3^9, 2\})$	16303472640
12	$\mathcal{O}(3; \{6^4, 4^4, 2^{10}\})$	143327232
12	$\mathcal{O}(3; \{6^4, 4^4, 3^3, 2^6\})$	1003290624
12	$\mathcal{O}(3; \{6^4, 4^4, 3^6, 2^2\})$	8169652224
12	$\mathcal{O}(3; \{6^4, 4^6, 2^7\})$	573308928
12	$\mathcal{O}(3; \{6^4, 4^6, 3^3, 2^3\})$	4013162496
12	$\mathcal{O}(3; \{6^4, 4^8, 2^4\})$	2293235712
12	$\mathcal{O}(3; \{6^4, 4^8, 3^3\})$	16052649984
12	$\mathcal{O}(3; \{6^4, 4^{10}, 2\})$	9172942848
12	$\mathcal{O}(3; \{6^5, 3, 2^{13}\})$	64665216
12	$\mathcal{O}(3; \{6^5, 3^4, 2^9\})$	499685760
12	$\mathcal{O}(3; \{6^5, 3^7, 2^5\})$	4015122048
12	$\mathcal{O}(3; \{6^5, 3^{10}, 2\})$	32103340416
12	$\mathcal{O}(3; \{6^5, 4^2, 3, 2^{10}\})$	131383296
12	$\mathcal{O}(3; \{6^5, 4^2, 3^4, 2^6\})$	1015234560
12	$\mathcal{O}(3; \{6^5, 4^2, 3^7, 2^2\})$	8157708288

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{6^5, 4^4, 3, 2^7\})$	525533184
12	$\mathcal{O}(3; \{6^5, 4^4, 3^4, 2^3\})$	4060938240
12	$\mathcal{O}(3; \{6^5, 4^6, 3, 2^4\})$	2102132736
12	$\mathcal{O}(3; \{6^5, 4^6, 3^4\})$	16243752960
12	$\mathcal{O}(3; \{6^5, 4^8, 3, 2\})$	8408530944
12	$\mathcal{O}(3; \{6^6, 3^2, 2^{10}\})$	252782208
12	$\mathcal{O}(3; \{6^6, 3^5, 2^6\})$	2004621696
12	$\mathcal{O}(3; \{6^6, 3^8, 2^2\})$	16054609536
12	$\mathcal{O}(3; \{6^6, 4^2, 3^2, 2^7\})$	513589248
12	$\mathcal{O}(3; \{6^6, 4^2, 3^5, 2^3\})$	4072882176
12	$\mathcal{O}(3; \{6^6, 4^4, 3^2, 2^4\})$	2054356992
12	$\mathcal{O}(3; \{6^6, 4^4, 3^5\})$	16291528704
12	$\mathcal{O}(3; \{6^6, 4^6, 3^2, 2\})$	8217427968
12	$\mathcal{O}(3; \{6^7, 2^{11}\})$	123451776
12	$\mathcal{O}(3; \{6^7, 3^3, 2^7\})$	1005250176
12	$\mathcal{O}(3; \{6^7, 3^6, 2^3\})$	8024365440
12	$\mathcal{O}(3; \{6^7, 4^2, 2^8\})$	250822656
12	$\mathcal{O}(3; \{6^7, 4^2, 3^3, 2^4\})$	2042413056
12	$\mathcal{O}(3; \{6^7, 4^2, 3^6\})$	16303472640
12	$\mathcal{O}(3; \{6^7, 4^4, 2^5\})$	1003290624
12	$\mathcal{O}(3; \{6^7, 4^4, 3^3, 2\})$	8169652224
12	$\mathcal{O}(3; \{6^7, 4^6, 2^2\})$	4013162496
12	$\mathcal{O}(3; \{6^8, 3, 2^8\})$	499685760
12	$\mathcal{O}(3; \{6^8, 3^4, 2^4\})$	4015122048
12	$\mathcal{O}(3; \{6^8, 3^7\})$	32103340416
12	$\mathcal{O}(3; \{6^8, 4^2, 3, 2^5\})$	1015234560
12	$\mathcal{O}(3; \{6^8, 4^2, 3^4, 2\})$	8157708288
12	$\mathcal{O}(3; \{6^8, 4^4, 3, 2^2\})$	4060938240
12	$\mathcal{O}(3; \{6^9, 3^2, 2^5\})$	2004621696
12	$\mathcal{O}(3; \{6^9, 3^5, 2\})$	16054609536
12	$\mathcal{O}(3; \{6^9, 4^2, 3^2, 2^2\})$	4072882176
12	$\mathcal{O}(3; \{6^{10}, 2^6\})$	1005250176
12	$\mathcal{O}(3; \{6^{10}, 3^3, 2^2\})$	8024365440
12	$\mathcal{O}(3; \{6^{10}, 4^2, 2^3\})$	2042413056
12	$\mathcal{O}(3; \{6^{10}, 4^4\})$	8169652224
12	$\mathcal{O}(3; \{6^{11}, 3, 2^3\})$	4015122048
12	$\mathcal{O}(3; \{6^{11}, 4^2, 3\})$	8157708288
12	$\mathcal{O}(3; \{6^{12}, 3^2\})$	16054609536
12	$\mathcal{O}(3; \{6^{13}, 2\})$	8024365440
12	$\mathcal{O}(3; \{12, 4, 3, 2^{18}\})$	11943936
12	$\mathcal{O}(3; \{12, 4, 3^4, 2^{14}\})$	59719680
12	$\mathcal{O}(3; \{12, 4, 3^7, 2^{10}\})$	513589248
12	$\mathcal{O}(3; \{12, 4, 3^{10}, 2^6\})$	4072882176

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12, 4, 3^{13}, 2^2\})$	32618889216
12	$\mathcal{O}(3; \{12, 4^3, 3, 2^{15}\})$	47775744
12	$\mathcal{O}(3; \{12, 4^3, 3^4, 2^{11}\})$	238878720
12	$\mathcal{O}(3; \{12, 4^3, 3^7, 2^7\})$	2054356992
12	$\mathcal{O}(3; \{12, 4^3, 3^{10}, 2^3\})$	16291528704
12	$\mathcal{O}(3; \{12, 4^5, 3, 2^{12}\})$	191102976
12	$\mathcal{O}(3; \{12, 4^5, 3^4, 2^8\})$	955514880
12	$\mathcal{O}(3; \{12, 4^5, 3^7, 2^4\})$	8217427968
12	$\mathcal{O}(3; \{12, 4^5, 3^{10}\})$	65166114816
12	$\mathcal{O}(3; \{12, 4^7, 3, 2^9\})$	764411904
12	$\mathcal{O}(3; \{12, 4^7, 3^4, 2^5\})$	3822059520
12	$\mathcal{O}(3; \{12, 4^7, 3^7, 2\})$	32869711872
12	$\mathcal{O}(3; \{12, 4^9, 3, 2^6\})$	3057647616
12	$\mathcal{O}(3; \{12, 4^9, 3^4, 2^2\})$	15288238080
12	$\mathcal{O}(3; \{12, 4^{11}, 3, 2^3\})$	12230590464
12	$\mathcal{O}(3; \{12, 4^{13}, 3\})$	48922361856
12	$\mathcal{O}(3; \{12, 6, 4, 3^2, 2^{15}\})$	35831808
12	$\mathcal{O}(3; \{12, 6, 4, 3^5, 2^{11}\})$	250822656
12	$\mathcal{O}(3; \{12, 6, 4, 3^8, 2^7\})$	2042413056
12	$\mathcal{O}(3; \{12, 6, 4, 3^{11}, 2^3\})$	16303472640
12	$\mathcal{O}(3; \{12, 6, 4^3, 3^2, 2^{12}\})$	143327232
12	$\mathcal{O}(3; \{12, 6, 4^3, 3^5, 2^8\})$	1003290624
12	$\mathcal{O}(3; \{12, 6, 4^3, 3^8, 2^4\})$	8169652224
12	$\mathcal{O}(3; \{12, 6, 4^3, 3^{11}\})$	65213890560
12	$\mathcal{O}(3; \{12, 6, 4^5, 3^2, 2^9\})$	573308928
12	$\mathcal{O}(3; \{12, 6, 4^5, 3^5, 2^5\})$	4013162496
12	$\mathcal{O}(3; \{12, 6, 4^5, 3^8, 2\})$	32678608896
12	$\mathcal{O}(3; \{12, 6, 4^7, 3^2, 2^6\})$	2293235712
12	$\mathcal{O}(3; \{12, 6, 4^7, 3^5, 2^2\})$	16052649984
12	$\mathcal{O}(3; \{12, 6, 4^9, 3^2, 2^3\})$	9172942848
12	$\mathcal{O}(3; \{12, 6, 4^{11}, 3^2\})$	36691771392
12	$\mathcal{O}(3; \{12, 6^2, 4, 2^{16}\})$	11943936
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^3, 2^{12}\})$	131383296
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^6, 2^8\})$	1015234560
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^9, 2^4\})$	8157708288
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^{12}\})$	65225834496
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 2^{13}\})$	47775744
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 3^3, 2^9\})$	525533184
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 3^6, 2^5\})$	4060938240
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 3^9, 2\})$	32630833152
12	$\mathcal{O}(3; \{12, 6^2, 4^5, 2^{10}\})$	191102976
12	$\mathcal{O}(3; \{12, 6^2, 4^5, 3^3, 2^6\})$	2102132736
12	$\mathcal{O}(3; \{12, 6^2, 4^5, 3^6, 2^2\})$	16243752960

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12, 6^2, 4^7, 2^7\})$	764411904
12	$\mathcal{O}(3; \{12, 6^2, 4^7, 3^3, 2^3\})$	8408530944
12	$\mathcal{O}(3; \{12, 6^2, 4^9, 2^4\})$	3057647616
12	$\mathcal{O}(3; \{12, 6^2, 4^9, 3^3\})$	33634123776
12	$\mathcal{O}(3; \{12, 6^2, 4^{11}, 2\})$	12230590464
12	$\mathcal{O}(3; \{12, 6^3, 4, 3, 2^{13}\})$	59719680
12	$\mathcal{O}(3; \{12, 6^3, 4, 3^4, 2^9\})$	513589248
12	$\mathcal{O}(3; \{12, 6^3, 4, 3^7, 2^5\})$	4072882176
12	$\mathcal{O}(3; \{12, 6^3, 4, 3^{10}, 2\})$	32618889216
12	$\mathcal{O}(3; \{12, 6^3, 4^3, 3, 2^{10}\})$	238878720
12	$\mathcal{O}(3; \{12, 6^3, 4^3, 3^4, 2^6\})$	2054356992
12	$\mathcal{O}(3; \{12, 6^3, 4^3, 3^7, 2^2\})$	16291528704
12	$\mathcal{O}(3; \{12, 6^3, 4^5, 3, 2^7\})$	955514880
12	$\mathcal{O}(3; \{12, 6^3, 4^5, 3^4, 2^3\})$	8217427968
12	$\mathcal{O}(3; \{12, 6^3, 4^7, 3, 2^4\})$	3822059520
12	$\mathcal{O}(3; \{12, 6^3, 4^7, 3^4\})$	32869711872
12	$\mathcal{O}(3; \{12, 6^3, 4^9, 3, 2\})$	15288238080
12	$\mathcal{O}(3; \{12, 6^4, 4, 3^2, 2^{10}\})$	250822656
12	$\mathcal{O}(3; \{12, 6^4, 4, 3^5, 2^6\})$	2042413056
12	$\mathcal{O}(3; \{12, 6^4, 4, 3^8, 2^2\})$	16303472640
12	$\mathcal{O}(3; \{12, 6^4, 4^3, 3^2, 2^7\})$	1003290624
12	$\mathcal{O}(3; \{12, 6^4, 4^3, 3^5, 2^3\})$	8169652224
12	$\mathcal{O}(3; \{12, 6^4, 4^5, 3^2, 2^4\})$	4013162496
12	$\mathcal{O}(3; \{12, 6^4, 4^5, 3^5\})$	32678608896
12	$\mathcal{O}(3; \{12, 6^4, 4^7, 3^2, 2\})$	16052649984
12	$\mathcal{O}(3; \{12, 6^5, 4, 2^{11}\})$	131383296
12	$\mathcal{O}(3; \{12, 6^5, 4, 3^3, 2^7\})$	1015234560
12	$\mathcal{O}(3; \{12, 6^5, 4, 3^6, 2^3\})$	8157708288
12	$\mathcal{O}(3; \{12, 6^5, 4^3, 2^8\})$	525533184
12	$\mathcal{O}(3; \{12, 6^5, 4^3, 3^3, 2^4\})$	4060938240
12	$\mathcal{O}(3; \{12, 6^5, 4^3, 3^6\})$	32630833152
12	$\mathcal{O}(3; \{12, 6^5, 4^5, 2^5\})$	2102132736
12	$\mathcal{O}(3; \{12, 6^5, 4^5, 3^3, 2\})$	16243752960
12	$\mathcal{O}(3; \{12, 6^5, 4^7, 2^2\})$	8408530944
12	$\mathcal{O}(3; \{12, 6^6, 4, 3, 2^8\})$	513589248
12	$\mathcal{O}(3; \{12, 6^6, 4, 3^4, 2^4\})$	4072882176
12	$\mathcal{O}(3; \{12, 6^6, 4, 3^7\})$	32618889216
12	$\mathcal{O}(3; \{12, 6^6, 4^3, 3, 2^5\})$	2054356992
12	$\mathcal{O}(3; \{12, 6^6, 4^3, 3^4, 2\})$	16291528704
12	$\mathcal{O}(3; \{12, 6^6, 4^5, 3, 2^2\})$	8217427968
12	$\mathcal{O}(3; \{12, 6^7, 4, 3^2, 2^5\})$	2042413056
12	$\mathcal{O}(3; \{12, 6^7, 4, 3^5, 2\})$	16303472640
12	$\mathcal{O}(3; \{12, 6^7, 4^3, 3^2, 2^2\})$	8169652224

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12, 6^8, 4, 2^6\})$	1015234560
12	$\mathcal{O}(3; \{12, 6^8, 4, 3^3, 2^2\})$	8157708288
12	$\mathcal{O}(3; \{12, 6^8, 4^3, 2^3\})$	4060938240
12	$\mathcal{O}(3; \{12, 6^8, 4^5\})$	16243752960
12	$\mathcal{O}(3; \{12, 6^9, 4, 3, 2^3\})$	4072882176
12	$\mathcal{O}(3; \{12, 6^9, 4^3, 3\})$	16291528704
12	$\mathcal{O}(3; \{12, 6^{10}, 4, 3^2\})$	16303472640
12	$\mathcal{O}(3; \{12, 6^{11}, 4, 2\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 2^{19}\})$	11943936
12	$\mathcal{O}(3; \{12^2, 3^3, 2^{15}\})$	59719680
12	$\mathcal{O}(3; \{12^2, 3^6, 2^{11}\})$	513589248
12	$\mathcal{O}(3; \{12^2, 3^9, 2^7\})$	4072882176
12	$\mathcal{O}(3; \{12^2, 3^{12}, 2^3\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 4^2, 2^{16}\})$	47775744
12	$\mathcal{O}(3; \{12^2, 4^2, 3^3, 2^{12}\})$	238878720
12	$\mathcal{O}(3; \{12^2, 4^2, 3^6, 2^8\})$	2054356992
12	$\mathcal{O}(3; \{12^2, 4^2, 3^9, 2^4\})$	16291528704
12	$\mathcal{O}(3; \{12^2, 4^2, 3^{12}\})$	130475556864
12	$\mathcal{O}(3; \{12^2, 4^4, 2^{13}\})$	191102976
12	$\mathcal{O}(3; \{12^2, 4^4, 3^3, 2^9\})$	955514880
12	$\mathcal{O}(3; \{12^2, 4^4, 3^6, 2^5\})$	8217427968
12	$\mathcal{O}(3; \{12^2, 4^4, 3^9, 2\})$	65166114816
12	$\mathcal{O}(3; \{12^2, 4^6, 2^{10}\})$	764411904
12	$\mathcal{O}(3; \{12^2, 4^6, 3^3, 2^6\})$	3822059520
12	$\mathcal{O}(3; \{12^2, 4^6, 3^6, 2^2\})$	32869711872
12	$\mathcal{O}(3; \{12^2, 4^8, 2^7\})$	3057647616
12	$\mathcal{O}(3; \{12^2, 4^8, 3^3, 2^3\})$	15288238080
12	$\mathcal{O}(3; \{12^2, 4^{10}, 2^4\})$	12230590464
12	$\mathcal{O}(3; \{12^2, 4^{10}, 3^3\})$	61152952320
12	$\mathcal{O}(3; \{12^2, 4^{12}, 2\})$	48922361856
12	$\mathcal{O}(3; \{12^2, 6, 3, 2^{16}\})$	35831808
12	$\mathcal{O}(3; \{12^2, 6, 3^4, 2^{12}\})$	250822656
12	$\mathcal{O}(3; \{12^2, 6, 3^7, 2^8\})$	2042413056
12	$\mathcal{O}(3; \{12^2, 6, 3^{10}, 2^4\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 6, 3^{13}\})$	130463612928
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3, 2^{13}\})$	143327232
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3^4, 2^9\})$	1003290624
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3^7, 2^5\})$	8169652224
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3^{10}, 2\})$	65213890560
12	$\mathcal{O}(3; \{12^2, 6, 4^4, 3, 2^{10}\})$	573308928
12	$\mathcal{O}(3; \{12^2, 6, 4^4, 3^4, 2^6\})$	4013162496
12	$\mathcal{O}(3; \{12^2, 6, 4^4, 3^7, 2^2\})$	32678608896
12	$\mathcal{O}(3; \{12^2, 6, 4^6, 3, 2^7\})$	2293235712

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^2, 6, 4^6, 3^4, 2^3\})$	16052649984
12	$\mathcal{O}(3; \{12^2, 6, 4^8, 3, 2^4\})$	9172942848
12	$\mathcal{O}(3; \{12^2, 6, 4^8, 3^4\})$	64210599936
12	$\mathcal{O}(3; \{12^2, 6, 4^{10}, 3, 2\})$	36691771392
12	$\mathcal{O}(3; \{12^2, 6^2, 3^2, 2^{13}\})$	131383296
12	$\mathcal{O}(3; \{12^2, 6^2, 3^5, 2^9\})$	1015234560
12	$\mathcal{O}(3; \{12^2, 6^2, 3^8, 2^5\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 6^2, 3^{11}, 2\})$	65225834496
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 3^2, 2^{10}\})$	525533184
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 3^5, 2^6\})$	4060938240
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 3^8, 2^2\})$	32630833152
12	$\mathcal{O}(3; \{12^2, 6^2, 4^4, 3^2, 2^7\})$	2102132736
12	$\mathcal{O}(3; \{12^2, 6^2, 4^4, 3^5, 2^3\})$	16243752960
12	$\mathcal{O}(3; \{12^2, 6^2, 4^6, 3^2, 2^4\})$	8408530944
12	$\mathcal{O}(3; \{12^2, 6^2, 4^6, 3^5\})$	64975011840
12	$\mathcal{O}(3; \{12^2, 6^2, 4^8, 3^2, 2\})$	33634123776
12	$\mathcal{O}(3; \{12^2, 6^3, 2^{14}\})$	59719680
12	$\mathcal{O}(3; \{12^2, 6^3, 3^3, 2^{10}\})$	513589248
12	$\mathcal{O}(3; \{12^2, 6^3, 3^6, 2^6\})$	4072882176
12	$\mathcal{O}(3; \{12^2, 6^3, 3^9, 2^2\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 6^3, 4^2, 2^{11}\})$	238878720
12	$\mathcal{O}(3; \{12^2, 6^3, 4^2, 3^3, 2^7\})$	2054356992
12	$\mathcal{O}(3; \{12^2, 6^3, 4^2, 3^6, 2^3\})$	16291528704
12	$\mathcal{O}(3; \{12^2, 6^3, 4^4, 2^8\})$	955514880
12	$\mathcal{O}(3; \{12^2, 6^3, 4^4, 3^3, 2^4\})$	8217427968
12	$\mathcal{O}(3; \{12^2, 6^3, 4^4, 3^6\})$	65166114816
12	$\mathcal{O}(3; \{12^2, 6^3, 4^6, 2^5\})$	3822059520
12	$\mathcal{O}(3; \{12^2, 6^3, 4^6, 3^3, 2\})$	32869711872
12	$\mathcal{O}(3; \{12^2, 6^3, 4^8, 2^2\})$	15288238080
12	$\mathcal{O}(3; \{12^2, 6^4, 3, 2^{11}\})$	250822656
12	$\mathcal{O}(3; \{12^2, 6^4, 3^4, 2^7\})$	2042413056
12	$\mathcal{O}(3; \{12^2, 6^4, 3^7, 2^3\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 6^4, 4^2, 3, 2^8\})$	1003290624
12	$\mathcal{O}(3; \{12^2, 6^4, 4^2, 3^4, 2^4\})$	8169652224
12	$\mathcal{O}(3; \{12^2, 6^4, 4^2, 3^7\})$	65213890560
12	$\mathcal{O}(3; \{12^2, 6^4, 4^4, 3, 2^5\})$	4013162496
12	$\mathcal{O}(3; \{12^2, 6^4, 4^4, 3^4, 2\})$	32678608896
12	$\mathcal{O}(3; \{12^2, 6^4, 4^6, 3, 2^2\})$	16052649984
12	$\mathcal{O}(3; \{12^2, 6^5, 3^2, 2^8\})$	1015234560
12	$\mathcal{O}(3; \{12^2, 6^5, 3^5, 2^4\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 6^5, 3^8\})$	65225834496
12	$\mathcal{O}(3; \{12^2, 6^5, 4^2, 3^2, 2^5\})$	4060938240
12	$\mathcal{O}(3; \{12^2, 6^5, 4^2, 3^5, 2\})$	32630833152

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^2, 6^5, 4^4, 3^2, 2^2\})$	16243752960
12	$\mathcal{O}(3; \{12^2, 6^6, 2^9\})$	513589248
12	$\mathcal{O}(3; \{12^2, 6^6, 3^3, 2^5\})$	4072882176
12	$\mathcal{O}(3; \{12^2, 6^6, 3^6, 2\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 6^6, 4^2, 2^6\})$	2054356992
12	$\mathcal{O}(3; \{12^2, 6^6, 4^2, 3^3, 2^2\})$	16291528704
12	$\mathcal{O}(3; \{12^2, 6^6, 4^4, 2^3\})$	8217427968
12	$\mathcal{O}(3; \{12^2, 6^6, 4^6\})$	32869711872
12	$\mathcal{O}(3; \{12^2, 6^7, 3, 2^6\})$	2042413056
12	$\mathcal{O}(3; \{12^2, 6^7, 3^4, 2^2\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 6^7, 4^2, 3, 2^3\})$	8169652224
12	$\mathcal{O}(3; \{12^2, 6^7, 4^4, 3\})$	32678608896
12	$\mathcal{O}(3; \{12^2, 6^8, 3^2, 2^3\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 6^8, 4^2, 3^2\})$	32630833152
12	$\mathcal{O}(3; \{12^2, 6^9, 2^4\})$	4072882176
12	$\mathcal{O}(3; \{12^2, 6^9, 3^3\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 6^9, 4^2, 2\})$	16291528704
12	$\mathcal{O}(3; \{12^2, 6^{10}, 3, 2\})$	16303472640
12	$\mathcal{O}(3; \{12^3, 4, 3^2, 2^{13}\})$	238878720
12	$\mathcal{O}(3; \{12^3, 4, 3^5, 2^9\})$	2054356992
12	$\mathcal{O}(3; \{12^3, 4, 3^8, 2^5\})$	16291528704
12	$\mathcal{O}(3; \{12^3, 4, 3^{11}, 2\})$	130475556864
12	$\mathcal{O}(3; \{12^3, 4^3, 3^2, 2^{10}\})$	955514880
12	$\mathcal{O}(3; \{12^3, 4^3, 3^5, 2^6\})$	8217427968
12	$\mathcal{O}(3; \{12^3, 4^3, 3^8, 2^2\})$	65166114816
12	$\mathcal{O}(3; \{12^3, 4^5, 3^2, 2^7\})$	3822059520
12	$\mathcal{O}(3; \{12^3, 4^5, 3^5, 2^3\})$	32869711872
12	$\mathcal{O}(3; \{12^3, 4^7, 3^2, 2^4\})$	15288238080
12	$\mathcal{O}(3; \{12^3, 4^7, 3^5\})$	131478847488
12	$\mathcal{O}(3; \{12^3, 4^9, 3^2, 2\})$	61152952320
12	$\mathcal{O}(3; \{12^3, 6, 4, 2^{14}\})$	143327232
12	$\mathcal{O}(3; \{12^3, 6, 4, 3^3, 2^{10}\})$	1003290624
12	$\mathcal{O}(3; \{12^3, 6, 4, 3^6, 2^6\})$	8169652224
12	$\mathcal{O}(3; \{12^3, 6, 4, 3^9, 2^2\})$	65213890560
12	$\mathcal{O}(3; \{12^3, 6, 4^3, 2^{11}\})$	573308928
12	$\mathcal{O}(3; \{12^3, 6, 4^3, 3^3, 2^7\})$	4013162496
12	$\mathcal{O}(3; \{12^3, 6, 4^3, 3^6, 2^3\})$	32678608896
12	$\mathcal{O}(3; \{12^3, 6, 4^5, 2^8\})$	2293235712
12	$\mathcal{O}(3; \{12^3, 6, 4^5, 3^3, 2^4\})$	16052649984
12	$\mathcal{O}(3; \{12^3, 6, 4^5, 3^6\})$	130714435584
12	$\mathcal{O}(3; \{12^3, 6, 4^7, 2^5\})$	9172942848
12	$\mathcal{O}(3; \{12^3, 6, 4^7, 3^3, 2\})$	64210599936
12	$\mathcal{O}(3; \{12^3, 6, 4^9, 2^2\})$	36691771392

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 3, 2^{11}\})$	525533184
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 3^4, 2^7\})$	4060938240
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 3^7, 2^3\})$	32630833152
12	$\mathcal{O}(3; \{12^3, 6^2, 4^3, 3, 2^8\})$	2102132736
12	$\mathcal{O}(3; \{12^3, 6^2, 4^3, 3^4, 2^4\})$	16243752960
12	$\mathcal{O}(3; \{12^3, 6^2, 4^3, 3^7\})$	130523332608
12	$\mathcal{O}(3; \{12^3, 6^2, 4^5, 3, 2^5\})$	8408530944
12	$\mathcal{O}(3; \{12^3, 6^2, 4^5, 3^4, 2\})$	64975011840
12	$\mathcal{O}(3; \{12^3, 6^2, 4^7, 3, 2^2\})$	33634123776
12	$\mathcal{O}(3; \{12^3, 6^3, 4, 3^2, 2^8\})$	2054356992
12	$\mathcal{O}(3; \{12^3, 6^3, 4, 3^5, 2^4\})$	16291528704
12	$\mathcal{O}(3; \{12^3, 6^3, 4, 3^8\})$	130475556864
12	$\mathcal{O}(3; \{12^3, 6^3, 4^3, 3^2, 2^5\})$	8217427968
12	$\mathcal{O}(3; \{12^3, 6^3, 4^3, 3^5, 2\})$	65166114816
12	$\mathcal{O}(3; \{12^3, 6^3, 4^5, 3^2, 2^2\})$	32869711872
12	$\mathcal{O}(3; \{12^3, 6^4, 4, 2^9\})$	1003290624
12	$\mathcal{O}(3; \{12^3, 6^4, 4, 3^3, 2^5\})$	8169652224
12	$\mathcal{O}(3; \{12^3, 6^4, 4, 3^6, 2\})$	65213890560
12	$\mathcal{O}(3; \{12^3, 6^4, 4^3, 2^6\})$	4013162496
12	$\mathcal{O}(3; \{12^3, 6^4, 4^3, 3^3, 2^2\})$	32678608896
12	$\mathcal{O}(3; \{12^3, 6^4, 4^5, 2^3\})$	16052649984
12	$\mathcal{O}(3; \{12^3, 6^4, 4^7\})$	64210599936
12	$\mathcal{O}(3; \{12^3, 6^5, 4, 3, 2^6\})$	4060938240
12	$\mathcal{O}(3; \{12^3, 6^5, 4, 3^4, 2^2\})$	32630833152
12	$\mathcal{O}(3; \{12^3, 6^5, 4^3, 3, 2^3\})$	16243752960
12	$\mathcal{O}(3; \{12^3, 6^5, 4^5, 3\})$	64975011840
12	$\mathcal{O}(3; \{12^3, 6^6, 4, 3^2, 2^3\})$	16291528704
12	$\mathcal{O}(3; \{12^3, 6^6, 4^3, 3^2\})$	65166114816
12	$\mathcal{O}(3; \{12^3, 6^7, 4, 2^4\})$	8169652224
12	$\mathcal{O}(3; \{12^3, 6^7, 4, 3^3\})$	65213890560
12	$\mathcal{O}(3; \{12^3, 6^7, 4^3, 2\})$	32678608896
12	$\mathcal{O}(3; \{12^3, 6^8, 4, 3, 2\})$	32630833152
12	$\mathcal{O}(3; \{12^4, 3, 2^{14}\})$	238878720
12	$\mathcal{O}(3; \{12^4, 3^4, 2^{10}\})$	2054356992
12	$\mathcal{O}(3; \{12^4, 3^7, 2^6\})$	16291528704
12	$\mathcal{O}(3; \{12^4, 3^{10}, 2^2\})$	130475556864
12	$\mathcal{O}(3; \{12^4, 4^2, 3, 2^{11}\})$	955514880
12	$\mathcal{O}(3; \{12^4, 4^2, 3^4, 2^7\})$	8217427968
12	$\mathcal{O}(3; \{12^4, 4^2, 3^7, 2^3\})$	65166114816
12	$\mathcal{O}(3; \{12^4, 4^4, 3, 2^8\})$	3822059520
12	$\mathcal{O}(3; \{12^4, 4^4, 3^4, 2^4\})$	32869711872
12	$\mathcal{O}(3; \{12^4, 4^4, 3^7\})$	260664459264
12	$\mathcal{O}(3; \{12^4, 4^6, 3, 2^5\})$	15288238080

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^4, 4^6, 3^4, 2\})$	131478847488
12	$\mathcal{O}(3; \{12^4, 4^8, 3, 2^2\})$	61152952320
12	$\mathcal{O}(3; \{12^4, 6, 3^2, 2^{11}\})$	1003290624
12	$\mathcal{O}(3; \{12^4, 6, 3^5, 2^7\})$	8169652224
12	$\mathcal{O}(3; \{12^4, 6, 3^8, 2^3\})$	65213890560
12	$\mathcal{O}(3; \{12^4, 6, 4^2, 3^2, 2^8\})$	4013162496
12	$\mathcal{O}(3; \{12^4, 6, 4^2, 3^5, 2^4\})$	32678608896
12	$\mathcal{O}(3; \{12^4, 6, 4^2, 3^8\})$	260855562240
12	$\mathcal{O}(3; \{12^4, 6, 4^4, 3^2, 2^5\})$	16052649984
12	$\mathcal{O}(3; \{12^4, 6, 4^4, 3^5, 2\})$	130714435584
12	$\mathcal{O}(3; \{12^4, 6, 4^6, 3^2, 2^2\})$	64210599936
12	$\mathcal{O}(3; \{12^4, 6^2, 2^{12}\})$	525533184
12	$\mathcal{O}(3; \{12^4, 6^2, 3^3, 2^8\})$	4060938240
12	$\mathcal{O}(3; \{12^4, 6^2, 3^6, 2^4\})$	32630833152
12	$\mathcal{O}(3; \{12^4, 6^2, 3^9\})$	260903337984
12	$\mathcal{O}(3; \{12^4, 6^2, 4^2, 2^9\})$	2102132736
12	$\mathcal{O}(3; \{12^4, 6^2, 4^2, 3^3, 2^5\})$	16243752960
12	$\mathcal{O}(3; \{12^4, 6^2, 4^2, 3^6, 2\})$	130523332608
12	$\mathcal{O}(3; \{12^4, 6^2, 4^4, 2^6\})$	8408530944
12	$\mathcal{O}(3; \{12^4, 6^2, 4^4, 3^3, 2^2\})$	64975011840
12	$\mathcal{O}(3; \{12^4, 6^2, 4^6, 2^3\})$	33634123776
12	$\mathcal{O}(3; \{12^4, 6^2, 4^8\})$	134536495104
12	$\mathcal{O}(3; \{12^4, 6^3, 3, 2^9\})$	2054356992
12	$\mathcal{O}(3; \{12^4, 6^3, 3^4, 2^5\})$	16291528704
12	$\mathcal{O}(3; \{12^4, 6^3, 3^7, 2\})$	130475556864
12	$\mathcal{O}(3; \{12^4, 6^3, 4^2, 3, 2^6\})$	8217427968
12	$\mathcal{O}(3; \{12^4, 6^3, 4^2, 3^4, 2^2\})$	65166114816
12	$\mathcal{O}(3; \{12^4, 6^3, 4^4, 3, 2^3\})$	32869711872
12	$\mathcal{O}(3; \{12^4, 6^3, 4^6, 3\})$	131478847488
12	$\mathcal{O}(3; \{12^4, 6^4, 3^2, 2^6\})$	8169652224
12	$\mathcal{O}(3; \{12^4, 6^4, 3^5, 2^2\})$	65213890560
12	$\mathcal{O}(3; \{12^4, 6^4, 4^2, 3^2, 2^3\})$	32678608896
12	$\mathcal{O}(3; \{12^4, 6^4, 4^4, 3^2\})$	130714435584
12	$\mathcal{O}(3; \{12^4, 6^5, 2^7\})$	4060938240
12	$\mathcal{O}(3; \{12^4, 6^5, 3^3, 2^3\})$	32630833152
12	$\mathcal{O}(3; \{12^4, 6^5, 4^2, 2^4\})$	16243752960
12	$\mathcal{O}(3; \{12^4, 6^5, 4^2, 3^3\})$	130523332608
12	$\mathcal{O}(3; \{12^4, 6^5, 4^4, 2\})$	64975011840
12	$\mathcal{O}(3; \{12^4, 6^6, 3, 2^4\})$	16291528704
12	$\mathcal{O}(3; \{12^4, 6^6, 3^4\})$	130475556864
12	$\mathcal{O}(3; \{12^4, 6^6, 4^2, 3, 2\})$	65166114816
12	$\mathcal{O}(3; \{12^4, 6^7, 3^2, 2\})$	65213890560
12	$\mathcal{O}(3; \{12^4, 6^8, 2^2\})$	32630833152

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^5, 4, 2^{12}\})$	955514880
12	$\mathcal{O}(3; \{12^5, 4, 3^3, 2^8\})$	8217427968
12	$\mathcal{O}(3; \{12^5, 4, 3^6, 2^4\})$	65166114816
12	$\mathcal{O}(3; \{12^5, 4, 3^9\})$	521902227456
12	$\mathcal{O}(3; \{12^5, 4^3, 2^9\})$	3822059520
12	$\mathcal{O}(3; \{12^5, 4^3, 3^3, 2^5\})$	32869711872
12	$\mathcal{O}(3; \{12^5, 4^3, 3^6, 2\})$	260664459264
12	$\mathcal{O}(3; \{12^5, 4^5, 2^6\})$	15288238080
12	$\mathcal{O}(3; \{12^5, 4^5, 3^3, 2^2\})$	131478847488
12	$\mathcal{O}(3; \{12^5, 4^7, 2^3\})$	61152952320
12	$\mathcal{O}(3; \{12^5, 4^9\})$	244611809280
12	$\mathcal{O}(3; \{12^5, 6, 4, 3, 2^9\})$	4013162496
12	$\mathcal{O}(3; \{12^5, 6, 4, 3^4, 2^5\})$	32678608896
12	$\mathcal{O}(3; \{12^5, 6, 4, 3^7, 2\})$	260855562240
12	$\mathcal{O}(3; \{12^5, 6, 4^3, 3, 2^6\})$	16052649984
12	$\mathcal{O}(3; \{12^5, 6, 4^3, 3^4, 2^2\})$	130714435584
12	$\mathcal{O}(3; \{12^5, 6, 4^5, 3, 2^3\})$	64210599936
12	$\mathcal{O}(3; \{12^5, 6, 4^7, 3\})$	256842399744
12	$\mathcal{O}(3; \{12^5, 6^2, 4, 3^2, 2^6\})$	16243752960
12	$\mathcal{O}(3; \{12^5, 6^2, 4, 3^5, 2^2\})$	130523332608
12	$\mathcal{O}(3; \{12^5, 6^2, 4^3, 3^2, 2^3\})$	64975011840
12	$\mathcal{O}(3; \{12^5, 6^2, 4^5, 3^2\})$	259900047360
12	$\mathcal{O}(3; \{12^5, 6^3, 4, 2^7\})$	8217427968
12	$\mathcal{O}(3; \{12^5, 6^3, 4, 3^3, 2^3\})$	65166114816
12	$\mathcal{O}(3; \{12^5, 6^3, 4^3, 2^4\})$	32869711872
12	$\mathcal{O}(3; \{12^5, 6^3, 4^3, 3^3\})$	260664459264
12	$\mathcal{O}(3; \{12^5, 6^3, 4^5, 2\})$	131478847488
12	$\mathcal{O}(3; \{12^5, 6^4, 4, 3, 2^4\})$	32678608896
12	$\mathcal{O}(3; \{12^5, 6^4, 4, 3^4\})$	260855562240
12	$\mathcal{O}(3; \{12^5, 6^4, 4^3, 3, 2\})$	130714435584
12	$\mathcal{O}(3; \{12^5, 6^5, 4, 3^2, 2\})$	130523332608
12	$\mathcal{O}(3; \{12^5, 6^6, 4, 2^2\})$	65166114816
12	$\mathcal{O}(3; \{12^6, 3^2, 2^9\})$	8217427968
12	$\mathcal{O}(3; \{12^6, 3^5, 2^5\})$	65166114816
12	$\mathcal{O}(3; \{12^6, 3^8, 2\})$	521902227456
12	$\mathcal{O}(3; \{12^6, 4^2, 3^2, 2^6\})$	32869711872
12	$\mathcal{O}(3; \{12^6, 4^2, 3^5, 2^2\})$	260664459264
12	$\mathcal{O}(3; \{12^6, 4^4, 3^2, 2^3\})$	131478847488
12	$\mathcal{O}(3; \{12^6, 4^6, 3^2\})$	525915389952
12	$\mathcal{O}(3; \{12^6, 6, 2^{10}\})$	4013162496
12	$\mathcal{O}(3; \{12^6, 6, 3^3, 2^6\})$	32678608896
12	$\mathcal{O}(3; \{12^6, 6, 3^6, 2^2\})$	260855562240
12	$\mathcal{O}(3; \{12^6, 6, 4^2, 2^7\})$	16052649984

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^6, 6, 4^2, 3^3, 2^3\})$	130714435584
12	$\mathcal{O}(3; \{12^6, 6, 4^4, 2^4\})$	64210599936
12	$\mathcal{O}(3; \{12^6, 6, 4^4, 3^3\})$	522857742336
12	$\mathcal{O}(3; \{12^6, 6, 4^6, 2\})$	256842399744
12	$\mathcal{O}(3; \{12^6, 6^2, 3, 2^7\})$	16243752960
12	$\mathcal{O}(3; \{12^6, 6^2, 3^4, 2^3\})$	130523332608
12	$\mathcal{O}(3; \{12^6, 6^2, 4^2, 3, 2^4\})$	64975011840
12	$\mathcal{O}(3; \{12^6, 6^2, 4^2, 3^4\})$	522093330432
12	$\mathcal{O}(3; \{12^6, 6^2, 4^4, 3, 2\})$	259900047360
12	$\mathcal{O}(3; \{12^6, 6^3, 3^2, 2^4\})$	65166114816
12	$\mathcal{O}(3; \{12^6, 6^3, 3^5\})$	521902227456
12	$\mathcal{O}(3; \{12^6, 6^3, 4^2, 3^2, 2\})$	260664459264
12	$\mathcal{O}(3; \{12^6, 6^4, 2^5\})$	32678608896
12	$\mathcal{O}(3; \{12^6, 6^4, 3^3, 2\})$	260855562240
12	$\mathcal{O}(3; \{12^6, 6^4, 4^2, 2^2\})$	130714435584
12	$\mathcal{O}(3; \{12^6, 6^5, 3, 2^2\})$	130523332608
12	$\mathcal{O}(3; \{12^6, 6^7\})$	260855562240
12	$\mathcal{O}(3; \{12^7, 4, 3, 2^7\})$	32869711872
12	$\mathcal{O}(3; \{12^7, 4, 3^4, 2^3\})$	260664459264
12	$\mathcal{O}(3; \{12^7, 4^3, 3, 2^4\})$	131478847488
12	$\mathcal{O}(3; \{12^7, 4^3, 3^4\})$	1042657837056
12	$\mathcal{O}(3; \{12^7, 4^5, 3, 2\})$	525915389952
12	$\mathcal{O}(3; \{12^7, 6, 4, 3^2, 2^4\})$	130714435584
12	$\mathcal{O}(3; \{12^7, 6, 4, 3^5\})$	1043422248960
12	$\mathcal{O}(3; \{12^7, 6, 4^3, 3^2, 2\})$	522857742336
12	$\mathcal{O}(3; \{12^7, 6^2, 4, 2^5\})$	64975011840
12	$\mathcal{O}(3; \{12^7, 6^2, 4, 3^3, 2\})$	522093330432
12	$\mathcal{O}(3; \{12^7, 6^2, 4^3, 2^2\})$	259900047360
12	$\mathcal{O}(3; \{12^7, 6^3, 4, 3, 2^2\})$	260664459264
12	$\mathcal{O}(3; \{12^7, 6^5, 4\})$	522093330432
12	$\mathcal{O}(3; \{12^8, 2^8\})$	32869711872
12	$\mathcal{O}(3; \{12^8, 3^3, 2^4\})$	260664459264
12	$\mathcal{O}(3; \{12^8, 3^6\})$	2087608909824
12	$\mathcal{O}(3; \{12^8, 4^2, 2^5\})$	131478847488
12	$\mathcal{O}(3; \{12^8, 4^2, 3^3, 2\})$	1042657837056
12	$\mathcal{O}(3; \{12^8, 4^4, 2^2\})$	525915389952
12	$\mathcal{O}(3; \{12^8, 6, 3, 2^5\})$	130714435584
12	$\mathcal{O}(3; \{12^8, 6, 3^4, 2\})$	1043422248960
12	$\mathcal{O}(3; \{12^8, 6, 4^2, 3, 2^2\})$	522857742336
12	$\mathcal{O}(3; \{12^8, 6^2, 3^2, 2^2\})$	522093330432
12	$\mathcal{O}(3; \{12^8, 6^3, 2^3\})$	260664459264
12	$\mathcal{O}(3; \{12^8, 6^3, 4^2\})$	1042657837056
12	$\mathcal{O}(3; \{12^8, 6^4, 3\})$	1043422248960

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^9, 4, 3^2, 2^2\})$	1042657837056
12	$\mathcal{O}(3; \{12^9, 6, 4, 2^3\})$	522857742336
12	$\mathcal{O}(3; \{12^9, 6, 4^3\})$	2091430969344
12	$\mathcal{O}(3; \{12^9, 6^2, 4, 3\})$	2088373321728
12	$\mathcal{O}(3; \{12^{10}, 3, 2^3\})$	1042657837056
12	$\mathcal{O}(3; \{12^{10}, 4^2, 3\})$	4170631348224
12	$\mathcal{O}(3; \{12^{10}, 6, 3^2\})$	4173688995840
12	$\mathcal{O}(3; \{12^{10}, 6^2, 2\})$	2088373321728
12	$\mathcal{O}(3; \{12^{11}, 4, 2\})$	4170631348224
12	$\mathcal{O}(2; \{3^2, 2^{24}\})$	38880
12	$\mathcal{O}(2; \{3^5, 2^{20}\})$	194400
12	$\mathcal{O}(2; \{3^8, 2^{16}\})$	1671840
12	$\mathcal{O}(2; \{3^{11}, 2^{12}\})$	13258080
12	$\mathcal{O}(2; \{3^{14}, 2^8\})$	106181280
12	$\mathcal{O}(2; \{3^{17}, 2^4\})$	849333600
12	$\mathcal{O}(2; \{3^{20}\})$	6794785440
12	$\mathcal{O}(2; \{4^2, 3^2, 2^{21}\})$	82944
12	$\mathcal{O}(2; \{4^2, 3^5, 2^{17}\})$	414720
12	$\mathcal{O}(2; \{4^2, 3^8, 2^{13}\})$	3566592
12	$\mathcal{O}(2; \{4^2, 3^{11}, 2^9\})$	28283904
12	$\mathcal{O}(2; \{4^2, 3^{14}, 2^5\})$	226520064
12	$\mathcal{O}(2; \{4^2, 3^{17}, 2\})$	1811911680
12	$\mathcal{O}(2; \{4^4, 3^2, 2^{18}\})$	331776
12	$\mathcal{O}(2; \{4^4, 3^5, 2^{14}\})$	1658880
12	$\mathcal{O}(2; \{4^4, 3^8, 2^{10}\})$	14266368
12	$\mathcal{O}(2; \{4^4, 3^{11}, 2^6\})$	113135616
12	$\mathcal{O}(2; \{4^4, 3^{14}, 2^2\})$	906080256
12	$\mathcal{O}(2; \{4^6, 3^2, 2^{15}\})$	1327104
12	$\mathcal{O}(2; \{4^6, 3^5, 2^{11}\})$	6635520
12	$\mathcal{O}(2; \{4^6, 3^8, 2^7\})$	57065472
12	$\mathcal{O}(2; \{4^6, 3^{11}, 2^3\})$	452542464
12	$\mathcal{O}(2; \{4^8, 3^2, 2^{12}\})$	5308416
12	$\mathcal{O}(2; \{4^8, 3^5, 2^8\})$	26542080
12	$\mathcal{O}(2; \{4^8, 3^8, 2^4\})$	228261888
12	$\mathcal{O}(2; \{4^8, 3^{11}\})$	1810169856
12	$\mathcal{O}(2; \{4^{10}, 3^2, 2^9\})$	21233664
12	$\mathcal{O}(2; \{4^{10}, 3^5, 2^5\})$	106168320
12	$\mathcal{O}(2; \{4^{10}, 3^8, 2\})$	913047552
12	$\mathcal{O}(2; \{4^{12}, 3^2, 2^6\})$	84934656
12	$\mathcal{O}(2; \{4^{12}, 3^5, 2^2\})$	424673280
12	$\mathcal{O}(2; \{4^{14}, 3^2, 2^3\})$	339738624
12	$\mathcal{O}(2; \{4^{16}, 3^2\})$	1358954496
12	$\mathcal{O}(2; \{6, 3^3, 2^{21}\})$	116640

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6, 3^6, 2^{17}\})$	816480
12	$\mathcal{O}(2; \{6, 3^9, 2^{13}\})$	6648480
12	$\mathcal{O}(2; \{6, 3^{12}, 2^9\})$	53071200
12	$\mathcal{O}(2; \{6, 3^{15}, 2^5\})$	424686240
12	$\mathcal{O}(2; \{6, 3^{18}, 2\})$	3397373280
12	$\mathcal{O}(2; \{6, 4^2, 3^3, 2^{18}\})$	248832
12	$\mathcal{O}(2; \{6, 4^2, 3^6, 2^{14}\})$	1741824
12	$\mathcal{O}(2; \{6, 4^2, 3^9, 2^{10}\})$	14183424
12	$\mathcal{O}(2; \{6, 4^2, 3^{12}, 2^6\})$	113218560
12	$\mathcal{O}(2; \{6, 4^2, 3^{15}, 2^2\})$	905997312
12	$\mathcal{O}(2; \{6, 4^4, 3^3, 2^{15}\})$	995328
12	$\mathcal{O}(2; \{6, 4^4, 3^6, 2^{11}\})$	6967296
12	$\mathcal{O}(2; \{6, 4^4, 3^9, 2^7\})$	56733696
12	$\mathcal{O}(2; \{6, 4^4, 3^{12}, 2^3\})$	452874240
12	$\mathcal{O}(2; \{6, 4^6, 3^3, 2^{12}\})$	3981312
12	$\mathcal{O}(2; \{6, 4^6, 3^6, 2^8\})$	27869184
12	$\mathcal{O}(2; \{6, 4^6, 3^9, 2^4\})$	226934784
12	$\mathcal{O}(2; \{6, 4^6, 3^{12}\})$	1811496960
12	$\mathcal{O}(2; \{6, 4^8, 3^3, 2^9\})$	15925248
12	$\mathcal{O}(2; \{6, 4^8, 3^6, 2^5\})$	111476736
12	$\mathcal{O}(2; \{6, 4^8, 3^9, 2\})$	907739136
12	$\mathcal{O}(2; \{6, 4^{10}, 3^3, 2^6\})$	63700992
12	$\mathcal{O}(2; \{6, 4^{10}, 3^6, 2^2\})$	445906944
12	$\mathcal{O}(2; \{6, 4^{12}, 3^3, 2^3\})$	254803968
12	$\mathcal{O}(2; \{6, 4^{14}, 3^3\})$	1019215872
12	$\mathcal{O}(2; \{6^2, 3, 2^{22}\})$	38880
12	$\mathcal{O}(2; \{6^2, 3^4, 2^{18}\})$	427680
12	$\mathcal{O}(2; \{6^2, 3^7, 2^{14}\})$	3304800
12	$\mathcal{O}(2; \{6^2, 3^{10}, 2^{10}\})$	26555040
12	$\mathcal{O}(2; \{6^2, 3^{13}, 2^6\})$	212323680
12	$\mathcal{O}(2; \{6^2, 3^{16}, 2^2\})$	1698706080
12	$\mathcal{O}(2; \{6^2, 4^2, 3, 2^{19}\})$	82944
12	$\mathcal{O}(2; \{6^2, 4^2, 3^4, 2^{15}\})$	912384
12	$\mathcal{O}(2; \{6^2, 4^2, 3^7, 2^{11}\})$	7050240
12	$\mathcal{O}(2; \{6^2, 4^2, 3^{10}, 2^7\})$	56650752
12	$\mathcal{O}(2; \{6^2, 4^2, 3^{13}, 2^3\})$	452957184
12	$\mathcal{O}(2; \{6^2, 4^4, 3, 2^{16}\})$	331776
12	$\mathcal{O}(2; \{6^2, 4^4, 3^4, 2^{12}\})$	3649536
12	$\mathcal{O}(2; \{6^2, 4^4, 3^7, 2^8\})$	28200960
12	$\mathcal{O}(2; \{6^2, 4^4, 3^{10}, 2^4\})$	226603008
12	$\mathcal{O}(2; \{6^2, 4^4, 3^{13}\})$	1811828736
12	$\mathcal{O}(2; \{6^2, 4^6, 3, 2^{13}\})$	1327104
12	$\mathcal{O}(2; \{6^2, 4^6, 3^4, 2^9\})$	14598144

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^2, 4^6, 3^7, 2^5\})$	112803840
12	$\mathcal{O}(2; \{6^2, 4^6, 3^{10}, 2\})$	906412032
12	$\mathcal{O}(2; \{6^2, 4^8, 3, 2^{10}\})$	5308416
12	$\mathcal{O}(2; \{6^2, 4^8, 3^4, 2^6\})$	58392576
12	$\mathcal{O}(2; \{6^2, 4^8, 3^7, 2^2\})$	451215360
12	$\mathcal{O}(2; \{6^2, 4^{10}, 3, 2^7\})$	21233664
12	$\mathcal{O}(2; \{6^2, 4^{10}, 3^4, 2^3\})$	233570304
12	$\mathcal{O}(2; \{6^2, 4^{12}, 3, 2^4\})$	84934656
12	$\mathcal{O}(2; \{6^2, 4^{12}, 3^4\})$	934281216
12	$\mathcal{O}(2; \{6^2, 4^{14}, 3, 2\})$	339738624
12	$\mathcal{O}(2; \{6^3, 3^2, 2^{19}\})$	194400
12	$\mathcal{O}(2; \{6^3, 3^5, 2^{15}\})$	1671840
12	$\mathcal{O}(2; \{6^3, 3^8, 2^{11}\})$	13258080
12	$\mathcal{O}(2; \{6^3, 3^{11}, 2^7\})$	106181280
12	$\mathcal{O}(2; \{6^3, 3^{14}, 2^3\})$	849333600
12	$\mathcal{O}(2; \{6^3, 4^2, 3^2, 2^{16}\})$	414720
12	$\mathcal{O}(2; \{6^3, 4^2, 3^5, 2^{12}\})$	3566592
12	$\mathcal{O}(2; \{6^3, 4^2, 3^8, 2^8\})$	28283904
12	$\mathcal{O}(2; \{6^3, 4^2, 3^{11}, 2^4\})$	226520064
12	$\mathcal{O}(2; \{6^3, 4^2, 3^{14}\})$	1811911680
12	$\mathcal{O}(2; \{6^3, 4^4, 3^2, 2^{13}\})$	1658880
12	$\mathcal{O}(2; \{6^3, 4^4, 3^5, 2^9\})$	14266368
12	$\mathcal{O}(2; \{6^3, 4^4, 3^8, 2^5\})$	113135616
12	$\mathcal{O}(2; \{6^3, 4^4, 3^{11}, 2\})$	906080256
12	$\mathcal{O}(2; \{6^3, 4^6, 3^2, 2^{10}\})$	6635520
12	$\mathcal{O}(2; \{6^3, 4^6, 3^5, 2^6\})$	57065472
12	$\mathcal{O}(2; \{6^3, 4^6, 3^8, 2^2\})$	452542464
12	$\mathcal{O}(2; \{6^3, 4^8, 3^2, 2^7\})$	26542080
12	$\mathcal{O}(2; \{6^3, 4^8, 3^5, 2^3\})$	228261888
12	$\mathcal{O}(2; \{6^3, 4^{10}, 3^2, 2^4\})$	106168320
12	$\mathcal{O}(2; \{6^3, 4^{10}, 3^5\})$	913047552
12	$\mathcal{O}(2; \{6^3, 4^{12}, 3^2, 2\})$	424673280
12	$\mathcal{O}(2; \{6^4, 2^{20}\})$	116640
12	$\mathcal{O}(2; \{6^4, 3^3, 2^{16}\})$	816480
12	$\mathcal{O}(2; \{6^4, 3^6, 2^{12}\})$	6648480
12	$\mathcal{O}(2; \{6^4, 3^9, 2^8\})$	53071200
12	$\mathcal{O}(2; \{6^4, 3^{12}, 2^4\})$	424686240
12	$\mathcal{O}(2; \{6^4, 3^{15}\})$	3397373280
12	$\mathcal{O}(2; \{6^4, 4^2, 2^{17}\})$	248832
12	$\mathcal{O}(2; \{6^4, 4^2, 3^3, 2^{13}\})$	1741824
12	$\mathcal{O}(2; \{6^4, 4^2, 3^6, 2^9\})$	14183424
12	$\mathcal{O}(2; \{6^4, 4^2, 3^9, 2^5\})$	113218560
12	$\mathcal{O}(2; \{6^4, 4^2, 3^{12}, 2\})$	905997312

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^4, 4^4, 2^{14}\})$	995328
12	$\mathcal{O}(2; \{6^4, 4^4, 3^3, 2^{10}\})$	6967296
12	$\mathcal{O}(2; \{6^4, 4^4, 3^6, 2^6\})$	56733696
12	$\mathcal{O}(2; \{6^4, 4^4, 3^9, 2^2\})$	452874240
12	$\mathcal{O}(2; \{6^4, 4^6, 2^{11}\})$	3981312
12	$\mathcal{O}(2; \{6^4, 4^6, 3^3, 2^7\})$	27869184
12	$\mathcal{O}(2; \{6^4, 4^6, 3^6, 2^3\})$	226934784
12	$\mathcal{O}(2; \{6^4, 4^8, 2^8\})$	15925248
12	$\mathcal{O}(2; \{6^4, 4^8, 3^3, 2^4\})$	111476736
12	$\mathcal{O}(2; \{6^4, 4^8, 3^6\})$	907739136
12	$\mathcal{O}(2; \{6^4, 4^{10}, 2^5\})$	63700992
12	$\mathcal{O}(2; \{6^4, 4^{10}, 3^3, 2\})$	445906944
12	$\mathcal{O}(2; \{6^4, 4^{12}, 2^2\})$	254803968
12	$\mathcal{O}(2; \{6^5, 3, 2^{17}\})$	427680
12	$\mathcal{O}(2; \{6^5, 3^4, 2^{13}\})$	3304800
12	$\mathcal{O}(2; \{6^5, 3^7, 2^9\})$	26555040
12	$\mathcal{O}(2; \{6^5, 3^{10}, 2^5\})$	212323680
12	$\mathcal{O}(2; \{6^5, 3^{13}, 2\})$	1698706080
12	$\mathcal{O}(2; \{6^5, 4^2, 3, 2^{14}\})$	912384
12	$\mathcal{O}(2; \{6^5, 4^2, 3^4, 2^{10}\})$	7050240
12	$\mathcal{O}(2; \{6^5, 4^2, 3^7, 2^6\})$	56650752
12	$\mathcal{O}(2; \{6^5, 4^2, 3^{10}, 2^2\})$	452957184
12	$\mathcal{O}(2; \{6^5, 4^4, 3, 2^{11}\})$	3649536
12	$\mathcal{O}(2; \{6^5, 4^4, 3^4, 2^7\})$	28200960
12	$\mathcal{O}(2; \{6^5, 4^4, 3^7, 2^3\})$	226603008
12	$\mathcal{O}(2; \{6^5, 4^6, 3, 2^8\})$	14598144
12	$\mathcal{O}(2; \{6^5, 4^6, 3^4, 2^4\})$	112803840
12	$\mathcal{O}(2; \{6^5, 4^6, 3^7\})$	906412032
12	$\mathcal{O}(2; \{6^5, 4^8, 3, 2^5\})$	58392576
12	$\mathcal{O}(2; \{6^5, 4^8, 3^4, 2\})$	451215360
12	$\mathcal{O}(2; \{6^5, 4^{10}, 3, 2^2\})$	233570304
12	$\mathcal{O}(2; \{6^6, 3^2, 2^{14}\})$	1671840
12	$\mathcal{O}(2; \{6^6, 3^5, 2^{10}\})$	13258080
12	$\mathcal{O}(2; \{6^6, 3^8, 2^6\})$	106181280
12	$\mathcal{O}(2; \{6^6, 3^{11}, 2^2\})$	849333600
12	$\mathcal{O}(2; \{6^6, 4^2, 3^2, 2^{11}\})$	3566592
12	$\mathcal{O}(2; \{6^6, 4^2, 3^5, 2^7\})$	28283904
12	$\mathcal{O}(2; \{6^6, 4^2, 3^8, 2^3\})$	226520064
12	$\mathcal{O}(2; \{6^6, 4^4, 3^2, 2^8\})$	14266368
12	$\mathcal{O}(2; \{6^6, 4^4, 3^5, 2^4\})$	113135616
12	$\mathcal{O}(2; \{6^6, 4^4, 3^8\})$	906080256
12	$\mathcal{O}(2; \{6^6, 4^6, 3^2, 2^5\})$	57065472
12	$\mathcal{O}(2; \{6^6, 4^6, 3^5, 2\})$	452542464

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^6, 4^8, 3^2, 2^2\})$	228261888
12	$\mathcal{O}(2; \{6^7, 2^{15}\})$	816480
12	$\mathcal{O}(2; \{6^7, 3^3, 2^{11}\})$	6648480
12	$\mathcal{O}(2; \{6^7, 3^6, 2^7\})$	53071200
12	$\mathcal{O}(2; \{6^7, 3^9, 2^3\})$	424686240
12	$\mathcal{O}(2; \{6^7, 4^2, 2^{12}\})$	1741824
12	$\mathcal{O}(2; \{6^7, 4^2, 3^3, 2^8\})$	14183424
12	$\mathcal{O}(2; \{6^7, 4^2, 3^6, 2^4\})$	113218560
12	$\mathcal{O}(2; \{6^7, 4^2, 3^9\})$	905997312
12	$\mathcal{O}(2; \{6^7, 4^4, 2^9\})$	6967296
12	$\mathcal{O}(2; \{6^7, 4^4, 3^3, 2^5\})$	56733696
12	$\mathcal{O}(2; \{6^7, 4^4, 3^6, 2\})$	452874240
12	$\mathcal{O}(2; \{6^7, 4^6, 2^6\})$	27869184
12	$\mathcal{O}(2; \{6^7, 4^6, 3^3, 2^2\})$	226934784
12	$\mathcal{O}(2; \{6^7, 4^8, 2^3\})$	111476736
12	$\mathcal{O}(2; \{6^7, 4^{10}\})$	445906944
12	$\mathcal{O}(2; \{6^8, 3, 2^{12}\})$	3304800
12	$\mathcal{O}(2; \{6^8, 3^4, 2^8\})$	26555040
12	$\mathcal{O}(2; \{6^8, 3^7, 2^4\})$	212323680
12	$\mathcal{O}(2; \{6^8, 3^{10}\})$	1698706080
12	$\mathcal{O}(2; \{6^8, 4^2, 3, 2^9\})$	7050240
12	$\mathcal{O}(2; \{6^8, 4^2, 3^4, 2^5\})$	56650752
12	$\mathcal{O}(2; \{6^8, 4^2, 3^7, 2\})$	452957184
12	$\mathcal{O}(2; \{6^8, 4^4, 3, 2^6\})$	28200960
12	$\mathcal{O}(2; \{6^8, 4^4, 3^4, 2^2\})$	226603008
12	$\mathcal{O}(2; \{6^8, 4^6, 3, 2^3\})$	112803840
12	$\mathcal{O}(2; \{6^8, 4^8, 3\})$	451215360
12	$\mathcal{O}(2; \{6^9, 3^2, 2^9\})$	13258080
12	$\mathcal{O}(2; \{6^9, 3^5, 2^5\})$	106181280
12	$\mathcal{O}(2; \{6^9, 3^8, 2\})$	849333600
12	$\mathcal{O}(2; \{6^9, 4^2, 3^2, 2^6\})$	28283904
12	$\mathcal{O}(2; \{6^9, 4^2, 3^5, 2^2\})$	226520064
12	$\mathcal{O}(2; \{6^9, 4^4, 3^2, 2^3\})$	113135616
12	$\mathcal{O}(2; \{6^9, 4^6, 3^2\})$	452542464
12	$\mathcal{O}(2; \{6^{10}, 2^{10}\})$	6648480
12	$\mathcal{O}(2; \{6^{10}, 3^3, 2^6\})$	53071200
12	$\mathcal{O}(2; \{6^{10}, 3^6, 2^2\})$	424686240
12	$\mathcal{O}(2; \{6^{10}, 4^2, 2^7\})$	14183424
12	$\mathcal{O}(2; \{6^{10}, 4^2, 3^3, 2^3\})$	113218560
12	$\mathcal{O}(2; \{6^{10}, 4^4, 2^4\})$	56733696
12	$\mathcal{O}(2; \{6^{10}, 4^4, 3^3\})$	452874240
12	$\mathcal{O}(2; \{6^{10}, 4^6, 2\})$	226934784
12	$\mathcal{O}(2; \{6^{11}, 3, 2^7\})$	26555040

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^{11}, 3^4, 2^3\})$	212323680
12	$\mathcal{O}(2; \{6^{11}, 4^2, 3, 2^4\})$	56650752
12	$\mathcal{O}(2; \{6^{11}, 4^2, 3^4\})$	452957184
12	$\mathcal{O}(2; \{6^{11}, 4^4, 3, 2\})$	226603008
12	$\mathcal{O}(2; \{6^{12}, 3^2, 2^4\})$	106181280
12	$\mathcal{O}(2; \{6^{12}, 3^5\})$	849333600
12	$\mathcal{O}(2; \{6^{12}, 4^2, 3^2, 2\})$	226520064
12	$\mathcal{O}(2; \{6^{13}, 2^5\})$	53071200
12	$\mathcal{O}(2; \{6^{13}, 3^3, 2\})$	424686240
12	$\mathcal{O}(2; \{6^{13}, 4^2, 2^2\})$	113218560
12	$\mathcal{O}(2; \{6^{14}, 3, 2^2\})$	212323680
12	$\mathcal{O}(2; \{6^{16}\})$	424686240
12	$\mathcal{O}(2; \{12, 4, 3, 2^{22}\})$	82944
12	$\mathcal{O}(2; \{12, 4, 3^4, 2^{18}\})$	414720
12	$\mathcal{O}(2; \{12, 4, 3^7, 2^{14}\})$	3566592
12	$\mathcal{O}(2; \{12, 4, 3^{10}, 2^{10}\})$	28283904
12	$\mathcal{O}(2; \{12, 4, 3^{13}, 2^6\})$	226520064
12	$\mathcal{O}(2; \{12, 4, 3^{16}, 2^2\})$	1811911680
12	$\mathcal{O}(2; \{12, 4^3, 3, 2^{19}\})$	331776
12	$\mathcal{O}(2; \{12, 4^3, 3^4, 2^{15}\})$	1658880
12	$\mathcal{O}(2; \{12, 4^3, 3^7, 2^{11}\})$	14266368
12	$\mathcal{O}(2; \{12, 4^3, 3^{10}, 2^7\})$	113135616
12	$\mathcal{O}(2; \{12, 4^3, 3^{13}, 2^3\})$	906080256
12	$\mathcal{O}(2; \{12, 4^5, 3, 2^{16}\})$	1327104
12	$\mathcal{O}(2; \{12, 4^5, 3^4, 2^{12}\})$	6635520
12	$\mathcal{O}(2; \{12, 4^5, 3^7, 2^8\})$	57065472
12	$\mathcal{O}(2; \{12, 4^5, 3^{10}, 2^4\})$	452542464
12	$\mathcal{O}(2; \{12, 4^5, 3^{13}\})$	3624321024
12	$\mathcal{O}(2; \{12, 4^7, 3, 2^{13}\})$	5308416
12	$\mathcal{O}(2; \{12, 4^7, 3^4, 2^9\})$	26542080
12	$\mathcal{O}(2; \{12, 4^7, 3^7, 2^5\})$	228261888
12	$\mathcal{O}(2; \{12, 4^7, 3^{10}, 2\})$	1810169856
12	$\mathcal{O}(2; \{12, 4^9, 3, 2^{10}\})$	21233664
12	$\mathcal{O}(2; \{12, 4^9, 3^4, 2^6\})$	106168320
12	$\mathcal{O}(2; \{12, 4^9, 3^7, 2^2\})$	913047552
12	$\mathcal{O}(2; \{12, 4^{11}, 3, 2^7\})$	84934656
12	$\mathcal{O}(2; \{12, 4^{11}, 3^4, 2^3\})$	424673280
12	$\mathcal{O}(2; \{12, 4^{13}, 3, 2^4\})$	339738624
12	$\mathcal{O}(2; \{12, 4^{13}, 3^4\})$	1698693120
12	$\mathcal{O}(2; \{12, 4^{15}, 3, 2\})$	1358954496
12	$\mathcal{O}(2; \{12, 6, 4, 3^2, 2^{19}\})$	248832
12	$\mathcal{O}(2; \{12, 6, 4, 3^5, 2^{15}\})$	1741824
12	$\mathcal{O}(2; \{12, 6, 4, 3^8, 2^{11}\})$	14183424

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 6, 4, 3^{11}, 2^7\})$	113218560
12	$\mathcal{O}(2; \{12, 6, 4, 3^{14}, 2^3\})$	905997312
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^2, 2^{16}\})$	995328
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^5, 2^{12}\})$	6967296
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^8, 2^8\})$	56733696
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^{11}, 2^4\})$	452874240
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^{14}\})$	3623989248
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^2, 2^{13}\})$	3981312
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^5, 2^9\})$	27869184
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^8, 2^5\})$	226934784
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^{11}, 2\})$	1811496960
12	$\mathcal{O}(2; \{12, 6, 4^7, 3^2, 2^{10}\})$	15925248
12	$\mathcal{O}(2; \{12, 6, 4^7, 3^5, 2^6\})$	111476736
12	$\mathcal{O}(2; \{12, 6, 4^7, 3^8, 2^2\})$	907739136
12	$\mathcal{O}(2; \{12, 6, 4^9, 3^2, 2^7\})$	63700992
12	$\mathcal{O}(2; \{12, 6, 4^9, 3^5, 2^3\})$	445906944
12	$\mathcal{O}(2; \{12, 6, 4^{11}, 3^2, 2^4\})$	254803968
12	$\mathcal{O}(2; \{12, 6, 4^{11}, 3^5\})$	1783627776
12	$\mathcal{O}(2; \{12, 6, 4^{13}, 3^2, 2\})$	1019215872
12	$\mathcal{O}(2; \{12, 6^2, 4, 2^{20}\})$	82944
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^3, 2^{16}\})$	912384
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^6, 2^{12}\})$	7050240
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^9, 2^8\})$	56650752
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^{12}, 2^4\})$	452957184
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^{15}\})$	3623906304
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 2^{17}\})$	331776
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^3, 2^{13}\})$	3649536
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^6, 2^9\})$	28200960
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^9, 2^5\})$	226603008
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^{12}, 2\})$	1811828736
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 2^{14}\})$	1327104
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3^3, 2^{10}\})$	14598144
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3^6, 2^6\})$	112803840
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3^9, 2^2\})$	906412032
12	$\mathcal{O}(2; \{12, 6^2, 4^7, 2^{11}\})$	5308416
12	$\mathcal{O}(2; \{12, 6^2, 4^7, 3^3, 2^7\})$	58392576
12	$\mathcal{O}(2; \{12, 6^2, 4^7, 3^6, 2^3\})$	451215360
12	$\mathcal{O}(2; \{12, 6^2, 4^9, 2^8\})$	21233664
12	$\mathcal{O}(2; \{12, 6^2, 4^9, 3^3, 2^4\})$	233570304
12	$\mathcal{O}(2; \{12, 6^2, 4^9, 3^6\})$	1804861440
12	$\mathcal{O}(2; \{12, 6^2, 4^{11}, 2^5\})$	84934656
12	$\mathcal{O}(2; \{12, 6^2, 4^{11}, 3^3, 2\})$	934281216
12	$\mathcal{O}(2; \{12, 6^2, 4^{13}, 2^2\})$	339738624

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 6^3, 4, 3, 2^{17}\})$	414720
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^4, 2^{13}\})$	3566592
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^7, 2^9\})$	28283904
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^{10}, 2^5\})$	226520064
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^{13}, 2\})$	1811911680
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3, 2^{14}\})$	1658880
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^4, 2^{10}\})$	14266368
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^7, 2^6\})$	113135616
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^{10}, 2^2\})$	906080256
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 3, 2^{11}\})$	6635520
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 3^4, 2^7\})$	57065472
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 3^7, 2^3\})$	452542464
12	$\mathcal{O}(2; \{12, 6^3, 4^7, 3, 2^8\})$	26542080
12	$\mathcal{O}(2; \{12, 6^3, 4^7, 3^4, 2^4\})$	228261888
12	$\mathcal{O}(2; \{12, 6^3, 4^7, 3^7\})$	1810169856
12	$\mathcal{O}(2; \{12, 6^3, 4^9, 3, 2^5\})$	106168320
12	$\mathcal{O}(2; \{12, 6^3, 4^9, 3^4, 2\})$	913047552
12	$\mathcal{O}(2; \{12, 6^3, 4^{11}, 3, 2^2\})$	424673280
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^2, 2^{14}\})$	1741824
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^5, 2^{10}\})$	14183424
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^8, 2^6\})$	113218560
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^{11}, 2^2\})$	905997312
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3^2, 2^{11}\})$	6967296
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3^5, 2^7\})$	56733696
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3^8, 2^3\})$	452874240
12	$\mathcal{O}(2; \{12, 6^4, 4^5, 3^2, 2^8\})$	27869184
12	$\mathcal{O}(2; \{12, 6^4, 4^5, 3^5, 2^4\})$	226934784
12	$\mathcal{O}(2; \{12, 6^4, 4^5, 3^8\})$	1811496960
12	$\mathcal{O}(2; \{12, 6^4, 4^7, 3^2, 2^5\})$	111476736
12	$\mathcal{O}(2; \{12, 6^4, 4^7, 3^5, 2\})$	907739136
12	$\mathcal{O}(2; \{12, 6^4, 4^9, 3^2, 2^2\})$	445906944
12	$\mathcal{O}(2; \{12, 6^5, 4, 2^{15}\})$	912384
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^3, 2^{11}\})$	7050240
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^6, 2^7\})$	56650752
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^9, 2^3\})$	452957184
12	$\mathcal{O}(2; \{12, 6^5, 4^3, 2^{12}\})$	3649536
12	$\mathcal{O}(2; \{12, 6^5, 4^3, 3^3, 2^8\})$	28200960
12	$\mathcal{O}(2; \{12, 6^5, 4^3, 3^6, 2^4\})$	226603008
12	$\mathcal{O}(2; \{12, 6^5, 4^3, 3^9\})$	1811828736
12	$\mathcal{O}(2; \{12, 6^5, 4^5, 2^9\})$	14598144
12	$\mathcal{O}(2; \{12, 6^5, 4^5, 3^3, 2^5\})$	112803840
12	$\mathcal{O}(2; \{12, 6^5, 4^5, 3^6, 2\})$	906412032
12	$\mathcal{O}(2; \{12, 6^5, 4^7, 2^6\})$	58392576

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 6^5, 4^7, 3^3, 2^2\})$	451215360
12	$\mathcal{O}(2; \{12, 6^5, 4^9, 2^3\})$	233570304
12	$\mathcal{O}(2; \{12, 6^5, 4^{11}\})$	934281216
12	$\mathcal{O}(2; \{12, 6^6, 4, 3, 2^{12}\})$	3566592
12	$\mathcal{O}(2; \{12, 6^6, 4, 3^4, 2^8\})$	28283904
12	$\mathcal{O}(2; \{12, 6^6, 4, 3^7, 2^4\})$	226520064
12	$\mathcal{O}(2; \{12, 6^6, 4, 3^{10}\})$	1811911680
12	$\mathcal{O}(2; \{12, 6^6, 4^3, 3, 2^9\})$	14266368
12	$\mathcal{O}(2; \{12, 6^6, 4^3, 3^4, 2^5\})$	113135616
12	$\mathcal{O}(2; \{12, 6^6, 4^3, 3^7, 2\})$	906080256
12	$\mathcal{O}(2; \{12, 6^6, 4^5, 3, 2^6\})$	57065472
12	$\mathcal{O}(2; \{12, 6^6, 4^5, 3^4, 2^2\})$	452542464
12	$\mathcal{O}(2; \{12, 6^6, 4^7, 3, 2^3\})$	228261888
12	$\mathcal{O}(2; \{12, 6^6, 4^9, 3\})$	913047552
12	$\mathcal{O}(2; \{12, 6^7, 4, 3^2, 2^9\})$	14183424
12	$\mathcal{O}(2; \{12, 6^7, 4, 3^5, 2^5\})$	113218560
12	$\mathcal{O}(2; \{12, 6^7, 4, 3^8, 2\})$	905997312
12	$\mathcal{O}(2; \{12, 6^7, 4^3, 3^2, 2^6\})$	56733696
12	$\mathcal{O}(2; \{12, 6^7, 4^3, 3^5, 2^2\})$	452874240
12	$\mathcal{O}(2; \{12, 6^7, 4^5, 3^2, 2^3\})$	226934784
12	$\mathcal{O}(2; \{12, 6^7, 4^7, 3^2\})$	907739136
12	$\mathcal{O}(2; \{12, 6^8, 4, 2^{10}\})$	7050240
12	$\mathcal{O}(2; \{12, 6^8, 4, 3^3, 2^6\})$	56650752
12	$\mathcal{O}(2; \{12, 6^8, 4, 3^6, 2^2\})$	452957184
12	$\mathcal{O}(2; \{12, 6^8, 4^3, 2^7\})$	28200960
12	$\mathcal{O}(2; \{12, 6^8, 4^3, 3^3, 2^3\})$	226603008
12	$\mathcal{O}(2; \{12, 6^8, 4^5, 2^4\})$	112803840
12	$\mathcal{O}(2; \{12, 6^8, 4^5, 3^3\})$	906412032
12	$\mathcal{O}(2; \{12, 6^8, 4^7, 2\})$	451215360
12	$\mathcal{O}(2; \{12, 6^9, 4, 3, 2^7\})$	28283904
12	$\mathcal{O}(2; \{12, 6^9, 4, 3^4, 2^3\})$	226520064
12	$\mathcal{O}(2; \{12, 6^9, 4^3, 3, 2^4\})$	113135616
12	$\mathcal{O}(2; \{12, 6^9, 4^3, 3^4\})$	906080256
12	$\mathcal{O}(2; \{12, 6^9, 4^5, 3, 2\})$	452542464
12	$\mathcal{O}(2; \{12, 6^{10}, 4, 3^2, 2^4\})$	113218560
12	$\mathcal{O}(2; \{12, 6^{10}, 4, 3^5\})$	905997312
12	$\mathcal{O}(2; \{12, 6^{10}, 4^3, 3^2, 2\})$	452874240
12	$\mathcal{O}(2; \{12, 6^{11}, 4, 2^5\})$	56650752
12	$\mathcal{O}(2; \{12, 6^{11}, 4, 3^3, 2\})$	452957184
12	$\mathcal{O}(2; \{12, 6^{11}, 4^3, 2^2\})$	226603008
12	$\mathcal{O}(2; \{12, 6^{12}, 4, 3, 2^2\})$	226520064
12	$\mathcal{O}(2; \{12, 6^{14}, 4\})$	452957184
12	$\mathcal{O}(2; \{12^2, 2^{23}\})$	82944

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 3^3, 2^{19}\})$	414720
12	$\mathcal{O}(2; \{12^2, 3^6, 2^{15}\})$	3566592
12	$\mathcal{O}(2; \{12^2, 3^9, 2^{11}\})$	28283904
12	$\mathcal{O}(2; \{12^2, 3^{12}, 2^7\})$	226520064
12	$\mathcal{O}(2; \{12^2, 3^{15}, 2^3\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 4^2, 2^{20}\})$	331776
12	$\mathcal{O}(2; \{12^2, 4^2, 3^3, 2^{16}\})$	1658880
12	$\mathcal{O}(2; \{12^2, 4^2, 3^6, 2^{12}\})$	14266368
12	$\mathcal{O}(2; \{12^2, 4^2, 3^9, 2^8\})$	113135616
12	$\mathcal{O}(2; \{12^2, 4^2, 3^{12}, 2^4\})$	906080256
12	$\mathcal{O}(2; \{12^2, 4^2, 3^{15}\})$	7247646720
12	$\mathcal{O}(2; \{12^2, 4^4, 2^{17}\})$	1327104
12	$\mathcal{O}(2; \{12^2, 4^4, 3^3, 2^{13}\})$	6635520
12	$\mathcal{O}(2; \{12^2, 4^4, 3^6, 2^9\})$	57065472
12	$\mathcal{O}(2; \{12^2, 4^4, 3^9, 2^5\})$	452542464
12	$\mathcal{O}(2; \{12^2, 4^4, 3^{12}, 2\})$	3624321024
12	$\mathcal{O}(2; \{12^2, 4^6, 2^{14}\})$	5308416
12	$\mathcal{O}(2; \{12^2, 4^6, 3^3, 2^{10}\})$	26542080
12	$\mathcal{O}(2; \{12^2, 4^6, 3^6, 2^6\})$	228261888
12	$\mathcal{O}(2; \{12^2, 4^6, 3^9, 2^2\})$	1810169856
12	$\mathcal{O}(2; \{12^2, 4^8, 2^{11}\})$	21233664
12	$\mathcal{O}(2; \{12^2, 4^8, 3^3, 2^7\})$	106168320
12	$\mathcal{O}(2; \{12^2, 4^8, 3^6, 2^3\})$	913047552
12	$\mathcal{O}(2; \{12^2, 4^{10}, 2^8\})$	84934656
12	$\mathcal{O}(2; \{12^2, 4^{10}, 3^3, 2^4\})$	424673280
12	$\mathcal{O}(2; \{12^2, 4^{10}, 3^6\})$	3652190208
12	$\mathcal{O}(2; \{12^2, 4^{12}, 2^5\})$	339738624
12	$\mathcal{O}(2; \{12^2, 4^{12}, 3^3, 2\})$	1698693120
12	$\mathcal{O}(2; \{12^2, 4^{14}, 2^2\})$	1358954496
12	$\mathcal{O}(2; \{12^2, 6, 3, 2^{20}\})$	248832
12	$\mathcal{O}(2; \{12^2, 6, 3^4, 2^{16}\})$	1741824
12	$\mathcal{O}(2; \{12^2, 6, 3^7, 2^{12}\})$	14183424
12	$\mathcal{O}(2; \{12^2, 6, 3^{10}, 2^8\})$	113218560
12	$\mathcal{O}(2; \{12^2, 6, 3^{13}, 2^4\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6, 3^{16}\})$	7247729664
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3, 2^{17}\})$	995328
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^4, 2^{13}\})$	6967296
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^7, 2^9\})$	56733696
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^{10}, 2^5\})$	452874240
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^{13}, 2\})$	3623989248
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3, 2^{14}\})$	3981312
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^4, 2^{10}\})$	27869184
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^7, 2^6\})$	226934784

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^{10}, 2^2\})$	1811496960
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 3, 2^{11}\})$	15925248
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 3^4, 2^7\})$	111476736
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 3^7, 2^3\})$	907739136
12	$\mathcal{O}(2; \{12^2, 6, 4^8, 3, 2^8\})$	63700992
12	$\mathcal{O}(2; \{12^2, 6, 4^8, 3^4, 2^4\})$	445906944
12	$\mathcal{O}(2; \{12^2, 6, 4^8, 3^7\})$	3630956544
12	$\mathcal{O}(2; \{12^2, 6, 4^{10}, 3, 2^5\})$	254803968
12	$\mathcal{O}(2; \{12^2, 6, 4^{10}, 3^4, 2\})$	1783627776
12	$\mathcal{O}(2; \{12^2, 6, 4^{12}, 3, 2^2\})$	1019215872
12	$\mathcal{O}(2; \{12^2, 6^2, 3^2, 2^{17}\})$	912384
12	$\mathcal{O}(2; \{12^2, 6^2, 3^5, 2^{13}\})$	7050240
12	$\mathcal{O}(2; \{12^2, 6^2, 3^8, 2^9\})$	56650752
12	$\mathcal{O}(2; \{12^2, 6^2, 3^{11}, 2^5\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^2, 3^{14}, 2\})$	3623906304
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^2, 2^{14}\})$	3649536
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^5, 2^{10}\})$	28200960
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^8, 2^6\})$	226603008
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^{11}, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3^2, 2^{11}\})$	14598144
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3^5, 2^7\})$	112803840
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3^8, 2^3\})$	906412032
12	$\mathcal{O}(2; \{12^2, 6^2, 4^6, 3^2, 2^8\})$	58392576
12	$\mathcal{O}(2; \{12^2, 6^2, 4^6, 3^5, 2^4\})$	451215360
12	$\mathcal{O}(2; \{12^2, 6^2, 4^6, 3^8\})$	3625648128
12	$\mathcal{O}(2; \{12^2, 6^2, 4^8, 3^2, 2^5\})$	233570304
12	$\mathcal{O}(2; \{12^2, 6^2, 4^8, 3^5, 2\})$	1804861440
12	$\mathcal{O}(2; \{12^2, 6^2, 4^{10}, 3^2, 2^2\})$	934281216
12	$\mathcal{O}(2; \{12^2, 6^3, 2^{18}\})$	414720
12	$\mathcal{O}(2; \{12^2, 6^3, 3^3, 2^{14}\})$	3566592
12	$\mathcal{O}(2; \{12^2, 6^3, 3^6, 2^{10}\})$	28283904
12	$\mathcal{O}(2; \{12^2, 6^3, 3^9, 2^6\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^3, 3^{12}, 2^2\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 2^{15}\})$	1658880
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^3, 2^{11}\})$	14266368
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^6, 2^7\})$	113135616
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^9, 2^3\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^3, 4^4, 2^{12}\})$	6635520
12	$\mathcal{O}(2; \{12^2, 6^3, 4^4, 3^3, 2^8\})$	57065472
12	$\mathcal{O}(2; \{12^2, 6^3, 4^4, 3^6, 2^4\})$	452542464
12	$\mathcal{O}(2; \{12^2, 6^3, 4^4, 3^9\})$	3624321024
12	$\mathcal{O}(2; \{12^2, 6^3, 4^6, 2^9\})$	26542080
12	$\mathcal{O}(2; \{12^2, 6^3, 4^6, 3^3, 2^5\})$	228261888

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 6^3, 4^6, 3^6, 2\})$	1810169856
12	$\mathcal{O}(2; \{12^2, 6^3, 4^8, 2^6\})$	106168320
12	$\mathcal{O}(2; \{12^2, 6^3, 4^8, 3^3, 2^2\})$	913047552
12	$\mathcal{O}(2; \{12^2, 6^3, 4^{10}, 2^3\})$	424673280
12	$\mathcal{O}(2; \{12^2, 6^3, 4^{12}\})$	1698693120
12	$\mathcal{O}(2; \{12^2, 6^4, 3, 2^{15}\})$	1741824
12	$\mathcal{O}(2; \{12^2, 6^4, 3^4, 2^{11}\})$	14183424
12	$\mathcal{O}(2; \{12^2, 6^4, 3^7, 2^7\})$	113218560
12	$\mathcal{O}(2; \{12^2, 6^4, 3^{10}, 2^3\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 3, 2^{12}\})$	6967296
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 3^4, 2^8\})$	56733696
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 3^7, 2^4\})$	452874240
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 3^{10}\})$	3623989248
12	$\mathcal{O}(2; \{12^2, 6^4, 4^4, 3, 2^9\})$	27869184
12	$\mathcal{O}(2; \{12^2, 6^4, 4^4, 3^4, 2^5\})$	226934784
12	$\mathcal{O}(2; \{12^2, 6^4, 4^4, 3^7, 2\})$	1811496960
12	$\mathcal{O}(2; \{12^2, 6^4, 4^6, 3, 2^6\})$	111476736
12	$\mathcal{O}(2; \{12^2, 6^4, 4^6, 3^4, 2^2\})$	907739136
12	$\mathcal{O}(2; \{12^2, 6^4, 4^8, 3, 2^3\})$	445906944
12	$\mathcal{O}(2; \{12^2, 6^4, 4^{10}, 3\})$	1783627776
12	$\mathcal{O}(2; \{12^2, 6^5, 3^2, 2^{12}\})$	7050240
12	$\mathcal{O}(2; \{12^2, 6^5, 3^5, 2^8\})$	56650752
12	$\mathcal{O}(2; \{12^2, 6^5, 3^8, 2^4\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^5, 3^{11}\})$	3623906304
12	$\mathcal{O}(2; \{12^2, 6^5, 4^2, 3^2, 2^9\})$	28200960
12	$\mathcal{O}(2; \{12^2, 6^5, 4^2, 3^5, 2^5\})$	226603008
12	$\mathcal{O}(2; \{12^2, 6^5, 4^2, 3^8, 2\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6^5, 4^4, 3^2, 2^6\})$	112803840
12	$\mathcal{O}(2; \{12^2, 6^5, 4^4, 3^5, 2^2\})$	906412032
12	$\mathcal{O}(2; \{12^2, 6^5, 4^6, 3^2, 2^3\})$	451215360
12	$\mathcal{O}(2; \{12^2, 6^5, 4^8, 3^2\})$	1804861440
12	$\mathcal{O}(2; \{12^2, 6^6, 2^{13}\})$	3566592
12	$\mathcal{O}(2; \{12^2, 6^6, 3^3, 2^9\})$	28283904
12	$\mathcal{O}(2; \{12^2, 6^6, 3^6, 2^5\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^6, 3^9, 2\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6^6, 4^2, 2^{10}\})$	14266368
12	$\mathcal{O}(2; \{12^2, 6^6, 4^2, 3^3, 2^6\})$	113135616
12	$\mathcal{O}(2; \{12^2, 6^6, 4^2, 3^6, 2^2\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^6, 4^4, 2^7\})$	57065472
12	$\mathcal{O}(2; \{12^2, 6^6, 4^4, 3^3, 2^3\})$	452542464
12	$\mathcal{O}(2; \{12^2, 6^6, 4^6, 2^4\})$	228261888
12	$\mathcal{O}(2; \{12^2, 6^6, 4^6, 3^3\})$	1810169856
12	$\mathcal{O}(2; \{12^2, 6^6, 4^8, 2\})$	913047552

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 6^7, 3, 2^{10}\})$	14183424
12	$\mathcal{O}(2; \{12^2, 6^7, 3^4, 2^6\})$	113218560
12	$\mathcal{O}(2; \{12^2, 6^7, 3^7, 2^2\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^7, 4^2, 3, 2^7\})$	56733696
12	$\mathcal{O}(2; \{12^2, 6^7, 4^2, 3^4, 2^3\})$	452874240
12	$\mathcal{O}(2; \{12^2, 6^7, 4^4, 3, 2^4\})$	226934784
12	$\mathcal{O}(2; \{12^2, 6^7, 4^4, 3^4\})$	1811496960
12	$\mathcal{O}(2; \{12^2, 6^7, 4^6, 3, 2\})$	907739136
12	$\mathcal{O}(2; \{12^2, 6^8, 3^2, 2^7\})$	56650752
12	$\mathcal{O}(2; \{12^2, 6^8, 3^5, 2^3\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^8, 4^2, 3^2, 2^4\})$	226603008
12	$\mathcal{O}(2; \{12^2, 6^8, 4^2, 3^5\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6^8, 4^4, 3^2, 2\})$	906412032
12	$\mathcal{O}(2; \{12^2, 6^9, 2^8\})$	28283904
12	$\mathcal{O}(2; \{12^2, 6^9, 3^3, 2^4\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^9, 3^6\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6^9, 4^2, 2^5\})$	113135616
12	$\mathcal{O}(2; \{12^2, 6^9, 4^2, 3^3, 2\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^9, 4^4, 2^2\})$	452542464
12	$\mathcal{O}(2; \{12^2, 6^{10}, 3, 2^5\})$	113218560
12	$\mathcal{O}(2; \{12^2, 6^{10}, 3^4, 2\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^{10}, 4^2, 3, 2^2\})$	452874240
12	$\mathcal{O}(2; \{12^2, 6^{11}, 3^2, 2^2\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^{12}, 2^3\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^{12}, 4^2\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^{13}, 3\})$	905997312
12	$\mathcal{O}(2; \{12^3, 4, 3^2, 2^{17}\})$	1658880
12	$\mathcal{O}(2; \{12^3, 4, 3^5, 2^{13}\})$	14266368
12	$\mathcal{O}(2; \{12^3, 4, 3^8, 2^9\})$	113135616
12	$\mathcal{O}(2; \{12^3, 4, 3^{11}, 2^5\})$	906080256
12	$\mathcal{O}(2; \{12^3, 4, 3^{14}, 2\})$	7247646720
12	$\mathcal{O}(2; \{12^3, 4^3, 3^2, 2^{14}\})$	6635520
12	$\mathcal{O}(2; \{12^3, 4^3, 3^5, 2^{10}\})$	57065472
12	$\mathcal{O}(2; \{12^3, 4^3, 3^8, 2^6\})$	452542464
12	$\mathcal{O}(2; \{12^3, 4^3, 3^{11}, 2^2\})$	3624321024
12	$\mathcal{O}(2; \{12^3, 4^5, 3^2, 2^{11}\})$	26542080
12	$\mathcal{O}(2; \{12^3, 4^5, 3^5, 2^7\})$	228261888
12	$\mathcal{O}(2; \{12^3, 4^5, 3^8, 2^3\})$	1810169856
12	$\mathcal{O}(2; \{12^3, 4^7, 3^2, 2^8\})$	106168320
12	$\mathcal{O}(2; \{12^3, 4^7, 3^5, 2^4\})$	913047552
12	$\mathcal{O}(2; \{12^3, 4^7, 3^8\})$	7240679424
12	$\mathcal{O}(2; \{12^3, 4^9, 3^2, 2^5\})$	424673280
12	$\mathcal{O}(2; \{12^3, 4^9, 3^5, 2\})$	3652190208

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^3, 4^{11}, 3^2, 2^2\})$	1698693120
12	$\mathcal{O}(2; \{12^3, 6, 4, 2^{18}\})$	995328
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^3, 2^{14}\})$	6967296
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^6, 2^{10}\})$	56733696
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^9, 2^6\})$	452874240
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^{12}, 2^2\})$	3623989248
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 2^{15}\})$	3981312
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^3, 2^{11}\})$	27869184
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^6, 2^7\})$	226934784
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^9, 2^3\})$	1811496960
12	$\mathcal{O}(2; \{12^3, 6, 4^5, 2^{12}\})$	15925248
12	$\mathcal{O}(2; \{12^3, 6, 4^5, 3^3, 2^8\})$	111476736
12	$\mathcal{O}(2; \{12^3, 6, 4^5, 3^6, 2^4\})$	907739136
12	$\mathcal{O}(2; \{12^3, 6, 4^5, 3^9\})$	7245987840
12	$\mathcal{O}(2; \{12^3, 6, 4^7, 2^9\})$	63700992
12	$\mathcal{O}(2; \{12^3, 6, 4^7, 3^3, 2^5\})$	445906944
12	$\mathcal{O}(2; \{12^3, 6, 4^7, 3^6, 2\})$	3630956544
12	$\mathcal{O}(2; \{12^3, 6, 4^9, 2^6\})$	254803968
12	$\mathcal{O}(2; \{12^3, 6, 4^9, 3^3, 2^2\})$	1783627776
12	$\mathcal{O}(2; \{12^3, 6, 4^{11}, 2^3\})$	1019215872
12	$\mathcal{O}(2; \{12^3, 6, 4^{13}\})$	4076863488
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3, 2^{15}\})$	3649536
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^4, 2^{11}\})$	28200960
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^7, 2^7\})$	226603008
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^{10}, 2^3\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 3, 2^{12}\})$	14598144
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 3^4, 2^8\})$	112803840
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 3^7, 2^4\})$	906412032
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 3^{10}\})$	7247314944
12	$\mathcal{O}(2; \{12^3, 6^2, 4^5, 3, 2^9\})$	58392576
12	$\mathcal{O}(2; \{12^3, 6^2, 4^5, 3^4, 2^5\})$	451215360
12	$\mathcal{O}(2; \{12^3, 6^2, 4^5, 3^7, 2\})$	3625648128
12	$\mathcal{O}(2; \{12^3, 6^2, 4^7, 3, 2^6\})$	233570304
12	$\mathcal{O}(2; \{12^3, 6^2, 4^7, 3^4, 2^2\})$	1804861440
12	$\mathcal{O}(2; \{12^3, 6^2, 4^9, 3, 2^3\})$	934281216
12	$\mathcal{O}(2; \{12^3, 6^2, 4^{11}, 3\})$	3737124864
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3^2, 2^{12}\})$	14266368
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3^5, 2^8\})$	113135616
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3^8, 2^4\})$	906080256
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3^{11}\})$	7247646720
12	$\mathcal{O}(2; \{12^3, 6^3, 4^3, 3^2, 2^9\})$	57065472
12	$\mathcal{O}(2; \{12^3, 6^3, 4^3, 3^5, 2^5\})$	452542464
12	$\mathcal{O}(2; \{12^3, 6^3, 4^3, 3^8, 2\})$	3624321024

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^3, 6^3, 4^5, 3^2, 2^6\})$	228261888
12	$\mathcal{O}(2; \{12^3, 6^3, 4^5, 3^5, 2^2\})$	1810169856
12	$\mathcal{O}(2; \{12^3, 6^3, 4^7, 3^2, 2^3\})$	913047552
12	$\mathcal{O}(2; \{12^3, 6^3, 4^9, 3^2\})$	3652190208
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 2^{13}\})$	6967296
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 3^3, 2^9\})$	56733696
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 3^6, 2^5\})$	452874240
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 3^9, 2\})$	3623989248
12	$\mathcal{O}(2; \{12^3, 6^4, 4^3, 2^{10}\})$	27869184
12	$\mathcal{O}(2; \{12^3, 6^4, 4^3, 3^3, 2^6\})$	226934784
12	$\mathcal{O}(2; \{12^3, 6^4, 4^3, 3^6, 2^2\})$	1811496960
12	$\mathcal{O}(2; \{12^3, 6^4, 4^5, 2^7\})$	111476736
12	$\mathcal{O}(2; \{12^3, 6^4, 4^5, 3^3, 2^3\})$	907739136
12	$\mathcal{O}(2; \{12^3, 6^4, 4^7, 2^4\})$	445906944
12	$\mathcal{O}(2; \{12^3, 6^4, 4^7, 3^3\})$	3630956544
12	$\mathcal{O}(2; \{12^3, 6^4, 4^9, 2\})$	1783627776
12	$\mathcal{O}(2; \{12^3, 6^5, 4, 3, 2^{10}\})$	28200960
12	$\mathcal{O}(2; \{12^3, 6^5, 4, 3^4, 2^6\})$	226603008
12	$\mathcal{O}(2; \{12^3, 6^5, 4, 3^7, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 6^5, 4^3, 3, 2^7\})$	112803840
12	$\mathcal{O}(2; \{12^3, 6^5, 4^3, 3^4, 2^3\})$	906412032
12	$\mathcal{O}(2; \{12^3, 6^5, 4^5, 3, 2^4\})$	451215360
12	$\mathcal{O}(2; \{12^3, 6^5, 4^5, 3^4\})$	3625648128
12	$\mathcal{O}(2; \{12^3, 6^5, 4^7, 3, 2\})$	1804861440
12	$\mathcal{O}(2; \{12^3, 6^6, 4, 3^2, 2^7\})$	113135616
12	$\mathcal{O}(2; \{12^3, 6^6, 4, 3^5, 2^3\})$	906080256
12	$\mathcal{O}(2; \{12^3, 6^6, 4^3, 3^2, 2^4\})$	452542464
12	$\mathcal{O}(2; \{12^3, 6^6, 4^3, 3^5\})$	3624321024
12	$\mathcal{O}(2; \{12^3, 6^6, 4^5, 3^2, 2\})$	1810169856
12	$\mathcal{O}(2; \{12^3, 6^7, 4, 2^8\})$	56733696
12	$\mathcal{O}(2; \{12^3, 6^7, 4, 3^3, 2^4\})$	452874240
12	$\mathcal{O}(2; \{12^3, 6^7, 4, 3^6\})$	3623989248
12	$\mathcal{O}(2; \{12^3, 6^7, 4^3, 2^5\})$	226934784
12	$\mathcal{O}(2; \{12^3, 6^7, 4^3, 3^3, 2\})$	1811496960
12	$\mathcal{O}(2; \{12^3, 6^7, 4^5, 2^2\})$	907739136
12	$\mathcal{O}(2; \{12^3, 6^8, 4, 3, 2^5\})$	226603008
12	$\mathcal{O}(2; \{12^3, 6^8, 4, 3^4, 2\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 6^8, 4^3, 3, 2^2\})$	906412032
12	$\mathcal{O}(2; \{12^3, 6^9, 4, 3^2, 2^2\})$	906080256
12	$\mathcal{O}(2; \{12^3, 6^{10}, 4, 2^3\})$	452874240
12	$\mathcal{O}(2; \{12^3, 6^{10}, 4^3\})$	1811496960
12	$\mathcal{O}(2; \{12^3, 6^{11}, 4, 3\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 3, 2^{18}\})$	1658880

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^4, 3^4, 2^{14}\})$	14266368
12	$\mathcal{O}(2; \{12^4, 3^7, 2^{10}\})$	113135616
12	$\mathcal{O}(2; \{12^4, 3^{10}, 2^6\})$	906080256
12	$\mathcal{O}(2; \{12^4, 3^{13}, 2^2\})$	7247646720
12	$\mathcal{O}(2; \{12^4, 4^2, 3, 2^{15}\})$	6635520
12	$\mathcal{O}(2; \{12^4, 4^2, 3^4, 2^{11}\})$	57065472
12	$\mathcal{O}(2; \{12^4, 4^2, 3^7, 2^7\})$	452542464
12	$\mathcal{O}(2; \{12^4, 4^2, 3^{10}, 2^3\})$	3624321024
12	$\mathcal{O}(2; \{12^4, 4^4, 3, 2^{12}\})$	26542080
12	$\mathcal{O}(2; \{12^4, 4^4, 3^4, 2^8\})$	228261888
12	$\mathcal{O}(2; \{12^4, 4^4, 3^7, 2^4\})$	1810169856
12	$\mathcal{O}(2; \{12^4, 4^4, 3^{10}\})$	14497284096
12	$\mathcal{O}(2; \{12^4, 4^6, 3, 2^9\})$	106168320
12	$\mathcal{O}(2; \{12^4, 4^6, 3^4, 2^5\})$	913047552
12	$\mathcal{O}(2; \{12^4, 4^6, 3^7, 2\})$	7240679424
12	$\mathcal{O}(2; \{12^4, 4^8, 3, 2^6\})$	424673280
12	$\mathcal{O}(2; \{12^4, 4^8, 3^4, 2^2\})$	3652190208
12	$\mathcal{O}(2; \{12^4, 4^{10}, 3, 2^3\})$	1698693120
12	$\mathcal{O}(2; \{12^4, 4^{12}, 3\})$	6794772480
12	$\mathcal{O}(2; \{12^4, 6, 3^2, 2^{15}\})$	6967296
12	$\mathcal{O}(2; \{12^4, 6, 3^5, 2^{11}\})$	56733696
12	$\mathcal{O}(2; \{12^4, 6, 3^8, 2^7\})$	452874240
12	$\mathcal{O}(2; \{12^4, 6, 3^{11}, 2^3\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3^2, 2^{12}\})$	27869184
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3^5, 2^8\})$	226934784
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3^8, 2^4\})$	1811496960
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3^{11}\})$	14495956992
12	$\mathcal{O}(2; \{12^4, 6, 4^4, 3^2, 2^9\})$	111476736
12	$\mathcal{O}(2; \{12^4, 6, 4^4, 3^5, 2^5\})$	907739136
12	$\mathcal{O}(2; \{12^4, 6, 4^4, 3^8, 2\})$	7245987840
12	$\mathcal{O}(2; \{12^4, 6, 4^6, 3^2, 2^6\})$	445906944
12	$\mathcal{O}(2; \{12^4, 6, 4^6, 3^5, 2^2\})$	3630956544
12	$\mathcal{O}(2; \{12^4, 6, 4^8, 3^2, 2^3\})$	1783627776
12	$\mathcal{O}(2; \{12^4, 6, 4^{10}, 3^2\})$	7134511104
12	$\mathcal{O}(2; \{12^4, 6^2, 2^{16}\})$	3649536
12	$\mathcal{O}(2; \{12^4, 6^2, 3^3, 2^{12}\})$	28200960
12	$\mathcal{O}(2; \{12^4, 6^2, 3^6, 2^8\})$	226603008
12	$\mathcal{O}(2; \{12^4, 6^2, 3^9, 2^4\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 6^2, 3^{12}\})$	14495625216
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 2^{13}\})$	14598144
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 3^3, 2^9\})$	112803840
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 3^6, 2^5\})$	906412032
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 3^9, 2\})$	7247314944

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^4, 6^2, 4^4, 2^{10}\})$	58392576
12	$\mathcal{O}(2; \{12^4, 6^2, 4^4, 3^3, 2^6\})$	451215360
12	$\mathcal{O}(2; \{12^4, 6^2, 4^4, 3^6, 2^2\})$	3625648128
12	$\mathcal{O}(2; \{12^4, 6^2, 4^6, 2^7\})$	233570304
12	$\mathcal{O}(2; \{12^4, 6^2, 4^6, 3^3, 2^3\})$	1804861440
12	$\mathcal{O}(2; \{12^4, 6^2, 4^8, 2^4\})$	934281216
12	$\mathcal{O}(2; \{12^4, 6^2, 4^8, 3^3\})$	7219445760
12	$\mathcal{O}(2; \{12^4, 6^2, 4^{10}, 2\})$	3737124864
12	$\mathcal{O}(2; \{12^4, 6^3, 3, 2^{13}\})$	14266368
12	$\mathcal{O}(2; \{12^4, 6^3, 3^4, 2^9\})$	113135616
12	$\mathcal{O}(2; \{12^4, 6^3, 3^7, 2^5\})$	906080256
12	$\mathcal{O}(2; \{12^4, 6^3, 3^{10}, 2\})$	7247646720
12	$\mathcal{O}(2; \{12^4, 6^3, 4^2, 3, 2^{10}\})$	57065472
12	$\mathcal{O}(2; \{12^4, 6^3, 4^2, 3^4, 2^6\})$	452542464
12	$\mathcal{O}(2; \{12^4, 6^3, 4^2, 3^7, 2^2\})$	3624321024
12	$\mathcal{O}(2; \{12^4, 6^3, 4^4, 3, 2^7\})$	228261888
12	$\mathcal{O}(2; \{12^4, 6^3, 4^4, 3^4, 2^3\})$	1810169856
12	$\mathcal{O}(2; \{12^4, 6^3, 4^6, 3, 2^4\})$	913047552
12	$\mathcal{O}(2; \{12^4, 6^3, 4^6, 3^4\})$	7240679424
12	$\mathcal{O}(2; \{12^4, 6^3, 4^8, 3, 2\})$	3652190208
12	$\mathcal{O}(2; \{12^4, 6^4, 3^2, 2^{10}\})$	56733696
12	$\mathcal{O}(2; \{12^4, 6^4, 3^5, 2^6\})$	452874240
12	$\mathcal{O}(2; \{12^4, 6^4, 3^8, 2^2\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 6^4, 4^2, 3^2, 2^7\})$	226934784
12	$\mathcal{O}(2; \{12^4, 6^4, 4^2, 3^5, 2^3\})$	1811496960
12	$\mathcal{O}(2; \{12^4, 6^4, 4^4, 3^2, 2^4\})$	907739136
12	$\mathcal{O}(2; \{12^4, 6^4, 4^4, 3^5\})$	7245987840
12	$\mathcal{O}(2; \{12^4, 6^4, 4^6, 3^2, 2\})$	3630956544
12	$\mathcal{O}(2; \{12^4, 6^5, 2^{11}\})$	28200960
12	$\mathcal{O}(2; \{12^4, 6^5, 3^3, 2^7\})$	226603008
12	$\mathcal{O}(2; \{12^4, 6^5, 3^6, 2^3\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 6^5, 4^2, 2^8\})$	112803840
12	$\mathcal{O}(2; \{12^4, 6^5, 4^2, 3^3, 2^4\})$	906412032
12	$\mathcal{O}(2; \{12^4, 6^5, 4^2, 3^6\})$	7247314944
12	$\mathcal{O}(2; \{12^4, 6^5, 4^4, 2^5\})$	451215360
12	$\mathcal{O}(2; \{12^4, 6^5, 4^4, 3^3, 2\})$	3625648128
12	$\mathcal{O}(2; \{12^4, 6^5, 4^6, 2^2\})$	1804861440
12	$\mathcal{O}(2; \{12^4, 6^6, 3, 2^8\})$	113135616
12	$\mathcal{O}(2; \{12^4, 6^6, 3^4, 2^4\})$	906080256
12	$\mathcal{O}(2; \{12^4, 6^6, 3^7\})$	7247646720
12	$\mathcal{O}(2; \{12^4, 6^6, 4^2, 3, 2^5\})$	452542464
12	$\mathcal{O}(2; \{12^4, 6^6, 4^2, 3^4, 2\})$	3624321024
12	$\mathcal{O}(2; \{12^4, 6^6, 4^4, 3, 2^2\})$	1810169856

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^4, 6^7, 3^2, 2^5\})$	452874240
12	$\mathcal{O}(2; \{12^4, 6^7, 3^5, 2\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 6^7, 4^2, 3^2, 2^2\})$	1811496960
12	$\mathcal{O}(2; \{12^4, 6^8, 2^6\})$	226603008
12	$\mathcal{O}(2; \{12^4, 6^8, 3^3, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 6^8, 4^2, 2^3\})$	906412032
12	$\mathcal{O}(2; \{12^4, 6^8, 4^4\})$	3625648128
12	$\mathcal{O}(2; \{12^4, 6^9, 3, 2^3\})$	906080256
12	$\mathcal{O}(2; \{12^4, 6^9, 4^2, 3\})$	3624321024
12	$\mathcal{O}(2; \{12^4, 6^{10}, 3^2\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 6^{11}, 2\})$	1811828736
12	$\mathcal{O}(2; \{12^5, 4, 2^{16}\})$	6635520
12	$\mathcal{O}(2; \{12^5, 4, 3^3, 2^{12}\})$	57065472
12	$\mathcal{O}(2; \{12^5, 4, 3^6, 2^8\})$	452542464
12	$\mathcal{O}(2; \{12^5, 4, 3^9, 2^4\})$	3624321024
12	$\mathcal{O}(2; \{12^5, 4, 3^{12}\})$	28990586880
12	$\mathcal{O}(2; \{12^5, 4^3, 2^{13}\})$	26542080
12	$\mathcal{O}(2; \{12^5, 4^3, 3^3, 2^9\})$	228261888
12	$\mathcal{O}(2; \{12^5, 4^3, 3^6, 2^5\})$	1810169856
12	$\mathcal{O}(2; \{12^5, 4^3, 3^9, 2\})$	14497284096
12	$\mathcal{O}(2; \{12^5, 4^5, 2^{10}\})$	106168320
12	$\mathcal{O}(2; \{12^5, 4^5, 3^3, 2^6\})$	913047552
12	$\mathcal{O}(2; \{12^5, 4^5, 3^6, 2^2\})$	7240679424
12	$\mathcal{O}(2; \{12^5, 4^7, 2^7\})$	424673280
12	$\mathcal{O}(2; \{12^5, 4^7, 3^3, 2^3\})$	3652190208
12	$\mathcal{O}(2; \{12^5, 4^9, 2^4\})$	1698693120
12	$\mathcal{O}(2; \{12^5, 4^9, 3^3\})$	14608760832
12	$\mathcal{O}(2; \{12^5, 4^{11}, 2\})$	6794772480
12	$\mathcal{O}(2; \{12^5, 6, 4, 3, 2^{13}\})$	27869184
12	$\mathcal{O}(2; \{12^5, 6, 4, 3^4, 2^9\})$	226934784
12	$\mathcal{O}(2; \{12^5, 6, 4, 3^7, 2^5\})$	1811496960
12	$\mathcal{O}(2; \{12^5, 6, 4, 3^{10}, 2\})$	14495956992
12	$\mathcal{O}(2; \{12^5, 6, 4^3, 3, 2^{10}\})$	111476736
12	$\mathcal{O}(2; \{12^5, 6, 4^3, 3^4, 2^6\})$	907739136
12	$\mathcal{O}(2; \{12^5, 6, 4^3, 3^7, 2^2\})$	7245987840
12	$\mathcal{O}(2; \{12^5, 6, 4^5, 3, 2^7\})$	445906944
12	$\mathcal{O}(2; \{12^5, 6, 4^5, 3^4, 2^3\})$	3630956544
12	$\mathcal{O}(2; \{12^5, 6, 4^7, 3, 2^4\})$	1783627776
12	$\mathcal{O}(2; \{12^5, 6, 4^7, 3^4\})$	14523826176
12	$\mathcal{O}(2; \{12^5, 6, 4^9, 3, 2\})$	7134511104
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 3^2, 2^{10}\})$	112803840
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 3^5, 2^6\})$	906412032
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 3^8, 2^2\})$	7247314944

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^5, 6^2, 4^3, 3^2, 2^7\})$	451215360
12	$\mathcal{O}(2; \{12^5, 6^2, 4^3, 3^5, 2^3\})$	3625648128
12	$\mathcal{O}(2; \{12^5, 6^2, 4^5, 3^2, 2^4\})$	1804861440
12	$\mathcal{O}(2; \{12^5, 6^2, 4^5, 3^5\})$	14502592512
12	$\mathcal{O}(2; \{12^5, 6^2, 4^7, 3^2, 2\})$	7219445760
12	$\mathcal{O}(2; \{12^5, 6^3, 4, 2^{11}\})$	57065472
12	$\mathcal{O}(2; \{12^5, 6^3, 4, 3^3, 2^7\})$	452542464
12	$\mathcal{O}(2; \{12^5, 6^3, 4, 3^6, 2^3\})$	3624321024
12	$\mathcal{O}(2; \{12^5, 6^3, 4^3, 2^8\})$	228261888
12	$\mathcal{O}(2; \{12^5, 6^3, 4^3, 3^3, 2^4\})$	1810169856
12	$\mathcal{O}(2; \{12^5, 6^3, 4^3, 3^6\})$	14497284096
12	$\mathcal{O}(2; \{12^5, 6^3, 4^5, 2^5\})$	913047552
12	$\mathcal{O}(2; \{12^5, 6^3, 4^5, 3^3, 2\})$	7240679424
12	$\mathcal{O}(2; \{12^5, 6^3, 4^7, 2^2\})$	3652190208
12	$\mathcal{O}(2; \{12^5, 6^4, 4, 3, 2^8\})$	226934784
12	$\mathcal{O}(2; \{12^5, 6^4, 4, 3^4, 2^4\})$	1811496960
12	$\mathcal{O}(2; \{12^5, 6^4, 4, 3^7\})$	14495956992
12	$\mathcal{O}(2; \{12^5, 6^4, 4^3, 3, 2^5\})$	907739136
12	$\mathcal{O}(2; \{12^5, 6^4, 4^3, 3^4, 2\})$	7245987840
12	$\mathcal{O}(2; \{12^5, 6^4, 4^5, 3, 2^2\})$	3630956544
12	$\mathcal{O}(2; \{12^5, 6^5, 4, 3^2, 2^5\})$	906412032
12	$\mathcal{O}(2; \{12^5, 6^5, 4, 3^5, 2\})$	7247314944
12	$\mathcal{O}(2; \{12^5, 6^5, 4^3, 3^2, 2^2\})$	3625648128
12	$\mathcal{O}(2; \{12^5, 6^6, 4, 2^6\})$	452542464
12	$\mathcal{O}(2; \{12^5, 6^6, 4, 3^3, 2^2\})$	3624321024
12	$\mathcal{O}(2; \{12^5, 6^6, 4^3, 2^3\})$	1810169856
12	$\mathcal{O}(2; \{12^5, 6^6, 4^5\})$	7240679424
12	$\mathcal{O}(2; \{12^5, 6^7, 4, 3, 2^3\})$	1811496960
12	$\mathcal{O}(2; \{12^5, 6^7, 4^3, 3\})$	7245987840
12	$\mathcal{O}(2; \{12^5, 6^8, 4, 3^2\})$	7247314944
12	$\mathcal{O}(2; \{12^5, 6^9, 4, 2\})$	3624321024
12	$\mathcal{O}(2; \{12^6, 3^2, 2^{13}\})$	57065472
12	$\mathcal{O}(2; \{12^6, 3^5, 2^9\})$	452542464
12	$\mathcal{O}(2; \{12^6, 3^8, 2^5\})$	3624321024
12	$\mathcal{O}(2; \{12^6, 3^{11}, 2\})$	28990586880
12	$\mathcal{O}(2; \{12^6, 4^2, 3^2, 2^{10}\})$	228261888
12	$\mathcal{O}(2; \{12^6, 4^2, 3^5, 2^6\})$	1810169856
12	$\mathcal{O}(2; \{12^6, 4^2, 3^8, 2^2\})$	14497284096
12	$\mathcal{O}(2; \{12^6, 4^4, 3^2, 2^7\})$	913047552
12	$\mathcal{O}(2; \{12^6, 4^4, 3^5, 2^3\})$	7240679424
12	$\mathcal{O}(2; \{12^6, 4^6, 3^2, 2^4\})$	3652190208
12	$\mathcal{O}(2; \{12^6, 4^6, 3^5\})$	28962717696
12	$\mathcal{O}(2; \{12^6, 4^8, 3^2, 2\})$	14608760832

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^6, 6, 2^{14}\})$	27869184
12	$\mathcal{O}(2; \{12^6, 6, 3^3, 2^{10}\})$	226934784
12	$\mathcal{O}(2; \{12^6, 6, 3^6, 2^6\})$	1811496960
12	$\mathcal{O}(2; \{12^6, 6, 3^9, 2^2\})$	14495956992
12	$\mathcal{O}(2; \{12^6, 6, 4^2, 2^{11}\})$	111476736
12	$\mathcal{O}(2; \{12^6, 6, 4^2, 3^3, 2^7\})$	907739136
12	$\mathcal{O}(2; \{12^6, 6, 4^2, 3^6, 2^3\})$	7245987840
12	$\mathcal{O}(2; \{12^6, 6, 4^4, 2^8\})$	445906944
12	$\mathcal{O}(2; \{12^6, 6, 4^4, 3^3, 2^4\})$	3630956544
12	$\mathcal{O}(2; \{12^6, 6, 4^4, 3^6\})$	28983951360
12	$\mathcal{O}(2; \{12^6, 6, 4^6, 2^5\})$	1783627776
12	$\mathcal{O}(2; \{12^6, 6, 4^6, 3^3, 2\})$	14523826176
12	$\mathcal{O}(2; \{12^6, 6, 4^8, 2^2\})$	7134511104
12	$\mathcal{O}(2; \{12^6, 6^2, 3, 2^{11}\})$	112803840
12	$\mathcal{O}(2; \{12^6, 6^2, 3^4, 2^7\})$	906412032
12	$\mathcal{O}(2; \{12^6, 6^2, 3^7, 2^3\})$	7247314944
12	$\mathcal{O}(2; \{12^6, 6^2, 4^2, 3, 2^8\})$	451215360
12	$\mathcal{O}(2; \{12^6, 6^2, 4^2, 3^4, 2^4\})$	3625648128
12	$\mathcal{O}(2; \{12^6, 6^2, 4^2, 3^7\})$	28989259776
12	$\mathcal{O}(2; \{12^6, 6^2, 4^4, 3, 2^5\})$	1804861440
12	$\mathcal{O}(2; \{12^6, 6^2, 4^4, 3^4, 2\})$	14502592512
12	$\mathcal{O}(2; \{12^6, 6^2, 4^6, 3, 2^2\})$	7219445760
12	$\mathcal{O}(2; \{12^6, 6^3, 3^2, 2^8\})$	452542464
12	$\mathcal{O}(2; \{12^6, 6^3, 3^5, 2^4\})$	3624321024
12	$\mathcal{O}(2; \{12^6, 6^3, 3^8\})$	28990586880
12	$\mathcal{O}(2; \{12^6, 6^3, 4^2, 3^2, 2^5\})$	1810169856
12	$\mathcal{O}(2; \{12^6, 6^3, 4^2, 3^5, 2\})$	14497284096
12	$\mathcal{O}(2; \{12^6, 6^3, 4^4, 3^2, 2^2\})$	7240679424
12	$\mathcal{O}(2; \{12^6, 6^4, 2^9\})$	226934784
12	$\mathcal{O}(2; \{12^6, 6^4, 3^3, 2^5\})$	1811496960
12	$\mathcal{O}(2; \{12^6, 6^4, 3^6, 2\})$	14495956992
12	$\mathcal{O}(2; \{12^6, 6^4, 4^2, 2^6\})$	907739136
12	$\mathcal{O}(2; \{12^6, 6^4, 4^2, 3^3, 2^2\})$	7245987840
12	$\mathcal{O}(2; \{12^6, 6^4, 4^4, 2^3\})$	3630956544
12	$\mathcal{O}(2; \{12^6, 6^4, 4^6\})$	14523826176
12	$\mathcal{O}(2; \{12^6, 6^5, 3, 2^6\})$	906412032
12	$\mathcal{O}(2; \{12^6, 6^5, 3^4, 2^2\})$	7247314944
12	$\mathcal{O}(2; \{12^6, 6^5, 4^2, 3, 2^3\})$	3625648128
12	$\mathcal{O}(2; \{12^6, 6^5, 4^4, 3\})$	14502592512
12	$\mathcal{O}(2; \{12^6, 6^6, 3^2, 2^3\})$	3624321024
12	$\mathcal{O}(2; \{12^6, 6^6, 4^2, 3^2\})$	14497284096
12	$\mathcal{O}(2; \{12^6, 6^7, 2^4\})$	1811496960
12	$\mathcal{O}(2; \{12^6, 6^7, 3^3\})$	14495956992

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^6, 6^7, 4^2, 2\})$	7245987840
12	$\mathcal{O}(2; \{12^6, 6^8, 3, 2\})$	7247314944
12	$\mathcal{O}(2; \{12^7, 4, 3, 2^{11}\})$	228261888
12	$\mathcal{O}(2; \{12^7, 4, 3^4, 2^7\})$	1810169856
12	$\mathcal{O}(2; \{12^7, 4, 3^7, 2^3\})$	14497284096
12	$\mathcal{O}(2; \{12^7, 4^3, 3, 2^8\})$	913047552
12	$\mathcal{O}(2; \{12^7, 4^3, 3^4, 2^4\})$	7240679424
12	$\mathcal{O}(2; \{12^7, 4^3, 3^7\})$	57989136384
12	$\mathcal{O}(2; \{12^7, 4^5, 3, 2^5\})$	3652190208
12	$\mathcal{O}(2; \{12^7, 4^5, 3^4, 2\})$	28962717696
12	$\mathcal{O}(2; \{12^7, 4^7, 3, 2^2\})$	14608760832
12	$\mathcal{O}(2; \{12^7, 6, 4, 3^2, 2^8\})$	907739136
12	$\mathcal{O}(2; \{12^7, 6, 4, 3^5, 2^4\})$	7245987840
12	$\mathcal{O}(2; \{12^7, 6, 4, 3^8\})$	57983827968
12	$\mathcal{O}(2; \{12^7, 6, 4^3, 3^2, 2^5\})$	3630956544
12	$\mathcal{O}(2; \{12^7, 6, 4^3, 3^5, 2\})$	28983951360
12	$\mathcal{O}(2; \{12^7, 6, 4^5, 3^2, 2^2\})$	14523826176
12	$\mathcal{O}(2; \{12^7, 6^2, 4, 2^9\})$	451215360
12	$\mathcal{O}(2; \{12^7, 6^2, 4, 3^3, 2^5\})$	3625648128
12	$\mathcal{O}(2; \{12^7, 6^2, 4, 3^6, 2\})$	28989259776
12	$\mathcal{O}(2; \{12^7, 6^2, 4^3, 2^6\})$	1804861440
12	$\mathcal{O}(2; \{12^7, 6^2, 4^3, 3^3, 2^2\})$	14502592512
12	$\mathcal{O}(2; \{12^7, 6^2, 4^5, 2^3\})$	7219445760
12	$\mathcal{O}(2; \{12^7, 6^2, 4^7\})$	28877783040
12	$\mathcal{O}(2; \{12^7, 6^3, 4, 3, 2^6\})$	1810169856
12	$\mathcal{O}(2; \{12^7, 6^3, 4, 3^4, 2^2\})$	14497284096
12	$\mathcal{O}(2; \{12^7, 6^3, 4^3, 3, 2^3\})$	7240679424
12	$\mathcal{O}(2; \{12^7, 6^3, 4^5, 3\})$	28962717696
12	$\mathcal{O}(2; \{12^7, 6^4, 4, 3^2, 2^3\})$	7245987840
12	$\mathcal{O}(2; \{12^7, 6^4, 4^3, 3^2\})$	28983951360
12	$\mathcal{O}(2; \{12^7, 6^5, 4, 2^4\})$	3625648128
12	$\mathcal{O}(2; \{12^7, 6^5, 4, 3^3\})$	28989259776
12	$\mathcal{O}(2; \{12^7, 6^5, 4^3, 2\})$	14502592512
12	$\mathcal{O}(2; \{12^7, 6^6, 4, 3, 2\})$	14497284096
12	$\mathcal{O}(2; \{12^8, 2^{12}\})$	228261888
12	$\mathcal{O}(2; \{12^8, 3^3, 2^8\})$	1810169856
12	$\mathcal{O}(2; \{12^8, 3^6, 2^4\})$	14497284096
12	$\mathcal{O}(2; \{12^8, 3^9\})$	115962347520
12	$\mathcal{O}(2; \{12^8, 4^2, 2^9\})$	913047552
12	$\mathcal{O}(2; \{12^8, 4^2, 3^3, 2^5\})$	7240679424
12	$\mathcal{O}(2; \{12^8, 4^2, 3^6, 2\})$	57989136384
12	$\mathcal{O}(2; \{12^8, 4^4, 2^6\})$	3652190208
12	$\mathcal{O}(2; \{12^8, 4^4, 3^3, 2^2\})$	28962717696

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^8, 4^6, 2^3\})$	14608760832
12	$\mathcal{O}(2; \{12^8, 4^8\})$	58435043328
12	$\mathcal{O}(2; \{12^8, 6, 3, 2^9\})$	907739136
12	$\mathcal{O}(2; \{12^8, 6, 3^4, 2^5\})$	7245987840
12	$\mathcal{O}(2; \{12^8, 6, 3^7, 2\})$	57983827968
12	$\mathcal{O}(2; \{12^8, 6, 4^2, 3, 2^6\})$	3630956544
12	$\mathcal{O}(2; \{12^8, 6, 4^2, 3^4, 2^2\})$	28983951360
12	$\mathcal{O}(2; \{12^8, 6, 4^4, 3, 2^3\})$	14523826176
12	$\mathcal{O}(2; \{12^8, 6, 4^6, 3\})$	58095304704
12	$\mathcal{O}(2; \{12^8, 6^2, 3^2, 2^6\})$	3625648128
12	$\mathcal{O}(2; \{12^8, 6^2, 3^5, 2^2\})$	28989259776
12	$\mathcal{O}(2; \{12^8, 6^2, 4^2, 3^2, 2^3\})$	14502592512
12	$\mathcal{O}(2; \{12^8, 6^2, 4^4, 3^2\})$	58010370048
12	$\mathcal{O}(2; \{12^8, 6^3, 2^7\})$	1810169856
12	$\mathcal{O}(2; \{12^8, 6^3, 3^3, 2^3\})$	14497284096
12	$\mathcal{O}(2; \{12^8, 6^3, 4^2, 2^4\})$	7240679424
12	$\mathcal{O}(2; \{12^8, 6^3, 4^2, 3^3\})$	57989136384
12	$\mathcal{O}(2; \{12^8, 6^3, 4^4, 2\})$	28962717696
12	$\mathcal{O}(2; \{12^8, 6^4, 3, 2^4\})$	7245987840
12	$\mathcal{O}(2; \{12^8, 6^4, 3^4\})$	57983827968
12	$\mathcal{O}(2; \{12^8, 6^4, 4^2, 3, 2\})$	28983951360
12	$\mathcal{O}(2; \{12^8, 6^5, 3^2, 2\})$	28989259776
12	$\mathcal{O}(2; \{12^8, 6^6, 2^2\})$	14497284096
12	$\mathcal{O}(2; \{12^9, 4, 3^2, 2^6\})$	7240679424
12	$\mathcal{O}(2; \{12^9, 4, 3^5, 2^2\})$	57989136384
12	$\mathcal{O}(2; \{12^9, 4^3, 3^2, 2^3\})$	28962717696
12	$\mathcal{O}(2; \{12^9, 4^5, 3^2\})$	115850870784
12	$\mathcal{O}(2; \{12^9, 6, 4, 2^7\})$	3630956544
12	$\mathcal{O}(2; \{12^9, 6, 4, 3^3, 2^3\})$	28983951360
12	$\mathcal{O}(2; \{12^9, 6, 4^3, 2^4\})$	14523826176
12	$\mathcal{O}(2; \{12^9, 6, 4^3, 3^3\})$	115935805440
12	$\mathcal{O}(2; \{12^9, 6, 4^5, 2\})$	58095304704
12	$\mathcal{O}(2; \{12^9, 6^2, 4, 3, 2^4\})$	14502592512
12	$\mathcal{O}(2; \{12^9, 6^2, 4, 3^4\})$	115957039104
12	$\mathcal{O}(2; \{12^9, 6^2, 4^3, 3, 2\})$	58010370048
12	$\mathcal{O}(2; \{12^9, 6^3, 4, 3^2, 2\})$	57989136384
12	$\mathcal{O}(2; \{12^9, 6^4, 4, 2^2\})$	28983951360
12	$\mathcal{O}(2; \{12^{10}, 3, 2^7\})$	7240679424
12	$\mathcal{O}(2; \{12^{10}, 3^4, 2^3\})$	57989136384
12	$\mathcal{O}(2; \{12^{10}, 4^2, 3, 2^4\})$	28962717696
12	$\mathcal{O}(2; \{12^{10}, 4^2, 3^4\})$	231956545536
12	$\mathcal{O}(2; \{12^{10}, 4^4, 3, 2\})$	115850870784
12	$\mathcal{O}(2; \{12^{10}, 6, 3^2, 2^4\})$	28983951360

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^{10}, 6, 3^5\})$	231935311872
12	$\mathcal{O}(2; \{12^{10}, 6, 4^2, 3^2, 2\})$	115935805440
12	$\mathcal{O}(2; \{12^{10}, 6^2, 2^5\})$	14502592512
12	$\mathcal{O}(2; \{12^{10}, 6^2, 3^3, 2\})$	115957039104
12	$\mathcal{O}(2; \{12^{10}, 6^2, 4^2, 2^2\})$	58010370048
12	$\mathcal{O}(2; \{12^{10}, 6^3, 3, 2^2\})$	57989136384
12	$\mathcal{O}(2; \{12^{10}, 6^5\})$	115957039104
12	$\mathcal{O}(2; \{12^{11}, 4, 2^5\})$	28962717696
12	$\mathcal{O}(2; \{12^{11}, 4, 3^3, 2\})$	231956545536
12	$\mathcal{O}(2; \{12^{11}, 4^3, 2^2\})$	115850870784
12	$\mathcal{O}(2; \{12^{11}, 6, 4, 3, 2^2\})$	115935805440
12	$\mathcal{O}(2; \{12^{11}, 6^3, 4\})$	231956545536
12	$\mathcal{O}(2; \{12^{12}, 3^2, 2^2\})$	231956545536
12	$\mathcal{O}(2; \{12^{12}, 6, 2^3\})$	115935805440
12	$\mathcal{O}(2; \{12^{12}, 6, 4^2\})$	463743221760
12	$\mathcal{O}(2; \{12^{12}, 6^2, 3\})$	463828156416
12	$\mathcal{O}(2; \{12^{13}, 4, 3\})$	927826182144
12	$\mathcal{O}(2; \{12^{14}, 2\})$	927826182144
12	$\mathcal{O}(1; \{3^2, 2^{28}\})$	216
12	$\mathcal{O}(1; \{3^5, 2^{24}\})$	1080
12	$\mathcal{O}(1; \{3^8, 2^{20}\})$	9288
12	$\mathcal{O}(1; \{3^{11}, 2^{16}\})$	73656
12	$\mathcal{O}(1; \{3^{14}, 2^{12}\})$	589896
12	$\mathcal{O}(1; \{3^{17}, 2^8\})$	4718520
12	$\mathcal{O}(1; \{3^{20}, 2^4\})$	37748808
12	$\mathcal{O}(1; \{3^{23}\})$	301989816
12	$\mathcal{O}(1; \{4^2, 3^2, 2^{25}\})$	576
12	$\mathcal{O}(1; \{4^2, 3^5, 2^{21}\})$	2880
12	$\mathcal{O}(1; \{4^2, 3^8, 2^{17}\})$	24768
12	$\mathcal{O}(1; \{4^2, 3^{11}, 2^{13}\})$	196416
12	$\mathcal{O}(1; \{4^2, 3^{14}, 2^9\})$	1573056
12	$\mathcal{O}(1; \{4^2, 3^{17}, 2^5\})$	12582720
12	$\mathcal{O}(1; \{4^2, 3^{20}, 2\})$	100663488
12	$\mathcal{O}(1; \{4^4, 3^2, 2^{22}\})$	2304
12	$\mathcal{O}(1; \{4^4, 3^5, 2^{18}\})$	11520
12	$\mathcal{O}(1; \{4^4, 3^8, 2^{14}\})$	99072
12	$\mathcal{O}(1; \{4^4, 3^{11}, 2^{10}\})$	785664
12	$\mathcal{O}(1; \{4^4, 3^{14}, 2^6\})$	6292224
12	$\mathcal{O}(1; \{4^4, 3^{17}, 2^2\})$	50330880
12	$\mathcal{O}(1; \{4^6, 3^2, 2^{19}\})$	9216
12	$\mathcal{O}(1; \{4^6, 3^5, 2^{15}\})$	46080
12	$\mathcal{O}(1; \{4^6, 3^8, 2^{11}\})$	396288
12	$\mathcal{O}(1; \{4^6, 3^{11}, 2^7\})$	3142656

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{4^6, 3^{14}, 2^3\})$	25168896
12	$\mathcal{O}(1; \{4^8, 3^2, 2^{16}\})$	36864
12	$\mathcal{O}(1; \{4^8, 3^5, 2^{12}\})$	184320
12	$\mathcal{O}(1; \{4^8, 3^8, 2^8\})$	1585152
12	$\mathcal{O}(1; \{4^8, 3^{11}, 2^4\})$	12570624
12	$\mathcal{O}(1; \{4^8, 3^{14}\})$	100675584
12	$\mathcal{O}(1; \{4^{10}, 3^2, 2^{13}\})$	147456
12	$\mathcal{O}(1; \{4^{10}, 3^5, 2^9\})$	737280
12	$\mathcal{O}(1; \{4^{10}, 3^8, 2^5\})$	6340608
12	$\mathcal{O}(1; \{4^{10}, 3^{11}, 2\})$	50282496
12	$\mathcal{O}(1; \{4^{12}, 3^2, 2^{10}\})$	589824
12	$\mathcal{O}(1; \{4^{12}, 3^5, 2^6\})$	2949120
12	$\mathcal{O}(1; \{4^{12}, 3^8, 2^2\})$	25362432
12	$\mathcal{O}(1; \{4^{14}, 3^2, 2^7\})$	2359296
12	$\mathcal{O}(1; \{4^{14}, 3^5, 2^3\})$	11796480
12	$\mathcal{O}(1; \{4^{16}, 3^2, 2^4\})$	9437184
12	$\mathcal{O}(1; \{4^{16}, 3^5\})$	47185920
12	$\mathcal{O}(1; \{4^{18}, 3^2, 2\})$	37748736
12	$\mathcal{O}(1; \{6, 3^3, 2^{25}\})$	648
12	$\mathcal{O}(1; \{6, 3^6, 2^{21}\})$	4536
12	$\mathcal{O}(1; \{6, 3^9, 2^{17}\})$	36936
12	$\mathcal{O}(1; \{6, 3^{12}, 2^{13}\})$	294840
12	$\mathcal{O}(1; \{6, 3^{15}, 2^9\})$	2359368
12	$\mathcal{O}(1; \{6, 3^{18}, 2^5\})$	18874296
12	$\mathcal{O}(1; \{6, 3^{21}, 2\})$	150995016
12	$\mathcal{O}(1; \{6, 4^2, 3^3, 2^{22}\})$	1728
12	$\mathcal{O}(1; \{6, 4^2, 3^6, 2^{18}\})$	12096
12	$\mathcal{O}(1; \{6, 4^2, 3^9, 2^{14}\})$	98496
12	$\mathcal{O}(1; \{6, 4^2, 3^{12}, 2^{10}\})$	786240
12	$\mathcal{O}(1; \{6, 4^2, 3^{15}, 2^6\})$	6291648
12	$\mathcal{O}(1; \{6, 4^2, 3^{18}, 2^2\})$	50331456
12	$\mathcal{O}(1; \{6, 4^4, 3^3, 2^{19}\})$	6912
12	$\mathcal{O}(1; \{6, 4^4, 3^6, 2^{15}\})$	48384
12	$\mathcal{O}(1; \{6, 4^4, 3^9, 2^{11}\})$	393984
12	$\mathcal{O}(1; \{6, 4^4, 3^{12}, 2^7\})$	3144960
12	$\mathcal{O}(1; \{6, 4^4, 3^{15}, 2^3\})$	25166592
12	$\mathcal{O}(1; \{6, 4^6, 3^3, 2^{16}\})$	27648
12	$\mathcal{O}(1; \{6, 4^6, 3^6, 2^{12}\})$	193536
12	$\mathcal{O}(1; \{6, 4^6, 3^9, 2^8\})$	1575936
12	$\mathcal{O}(1; \{6, 4^6, 3^{12}, 2^4\})$	12579840
12	$\mathcal{O}(1; \{6, 4^6, 3^{15}\})$	100666368
12	$\mathcal{O}(1; \{6, 4^8, 3^3, 2^{13}\})$	110592
12	$\mathcal{O}(1; \{6, 4^8, 3^6, 2^9\})$	774144

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6, 4^8, 3^9, 2^5\})$	6303744
12	$\mathcal{O}(1; \{6, 4^8, 3^{12}, 2\})$	50319360
12	$\mathcal{O}(1; \{6, 4^{10}, 3^3, 2^{10}\})$	442368
12	$\mathcal{O}(1; \{6, 4^{10}, 3^6, 2^6\})$	3096576
12	$\mathcal{O}(1; \{6, 4^{10}, 3^9, 2^2\})$	25214976
12	$\mathcal{O}(1; \{6, 4^{12}, 3^3, 2^7\})$	1769472
12	$\mathcal{O}(1; \{6, 4^{12}, 3^6, 2^3\})$	12386304
12	$\mathcal{O}(1; \{6, 4^{14}, 3^3, 2^4\})$	7077888
12	$\mathcal{O}(1; \{6, 4^{14}, 3^6\})$	49545216
12	$\mathcal{O}(1; \{6, 4^{16}, 3^3, 2\})$	28311552
12	$\mathcal{O}(1; \{6^2, 3, 2^{26}\})$	216
12	$\mathcal{O}(1; \{6^2, 3^4, 2^{22}\})$	2376
12	$\mathcal{O}(1; \{6^2, 3^7, 2^{18}\})$	18360
12	$\mathcal{O}(1; \{6^2, 3^{10}, 2^{14}\})$	147528
12	$\mathcal{O}(1; \{6^2, 3^{13}, 2^{10}\})$	1179576
12	$\mathcal{O}(1; \{6^2, 3^{16}, 2^6\})$	9437256
12	$\mathcal{O}(1; \{6^2, 3^{19}, 2^2\})$	75497400
12	$\mathcal{O}(1; \{6^2, 4^2, 3, 2^{23}\})$	576
12	$\mathcal{O}(1; \{6^2, 4^2, 3^4, 2^{19}\})$	6336
12	$\mathcal{O}(1; \{6^2, 4^2, 3^7, 2^{15}\})$	48960
12	$\mathcal{O}(1; \{6^2, 4^2, 3^{10}, 2^{11}\})$	393408
12	$\mathcal{O}(1; \{6^2, 4^2, 3^{13}, 2^7\})$	3145536
12	$\mathcal{O}(1; \{6^2, 4^2, 3^{16}, 2^3\})$	25166016
12	$\mathcal{O}(1; \{6^2, 4^4, 3, 2^{20}\})$	2304
12	$\mathcal{O}(1; \{6^2, 4^4, 3^4, 2^{16}\})$	25344
12	$\mathcal{O}(1; \{6^2, 4^4, 3^7, 2^{12}\})$	195840
12	$\mathcal{O}(1; \{6^2, 4^4, 3^{10}, 2^8\})$	1573632
12	$\mathcal{O}(1; \{6^2, 4^4, 3^{13}, 2^4\})$	12582144
12	$\mathcal{O}(1; \{6^2, 4^4, 3^{16}\})$	100664064
12	$\mathcal{O}(1; \{6^2, 4^6, 3, 2^{17}\})$	9216
12	$\mathcal{O}(1; \{6^2, 4^6, 3^4, 2^{13}\})$	101376
12	$\mathcal{O}(1; \{6^2, 4^6, 3^7, 2^9\})$	783360
12	$\mathcal{O}(1; \{6^2, 4^6, 3^{10}, 2^5\})$	6294528
12	$\mathcal{O}(1; \{6^2, 4^6, 3^{13}, 2\})$	50328576
12	$\mathcal{O}(1; \{6^2, 4^8, 3, 2^{14}\})$	36864
12	$\mathcal{O}(1; \{6^2, 4^8, 3^4, 2^{10}\})$	405504
12	$\mathcal{O}(1; \{6^2, 4^8, 3^7, 2^6\})$	3133440
12	$\mathcal{O}(1; \{6^2, 4^8, 3^{10}, 2^2\})$	25178112
12	$\mathcal{O}(1; \{6^2, 4^{10}, 3, 2^{11}\})$	147456
12	$\mathcal{O}(1; \{6^2, 4^{10}, 3^4, 2^7\})$	1622016
12	$\mathcal{O}(1; \{6^2, 4^{10}, 3^7, 2^3\})$	12533760
12	$\mathcal{O}(1; \{6^2, 4^{12}, 3, 2^8\})$	589824
12	$\mathcal{O}(1; \{6^2, 4^{12}, 3^4, 2^4\})$	6488064

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^2, 4^{12}, 3^7\})$	50135040
12	$\mathcal{O}(1; \{6^2, 4^{14}, 3, 2^5\})$	2359296
12	$\mathcal{O}(1; \{6^2, 4^{14}, 3^4, 2\})$	25952256
12	$\mathcal{O}(1; \{6^2, 4^{16}, 3, 2^2\})$	9437184
12	$\mathcal{O}(1; \{6^3, 3^2, 2^{23}\})$	1080
12	$\mathcal{O}(1; \{6^3, 3^5, 2^{19}\})$	9288
12	$\mathcal{O}(1; \{6^3, 3^8, 2^{15}\})$	73656
12	$\mathcal{O}(1; \{6^3, 3^{11}, 2^{11}\})$	589896
12	$\mathcal{O}(1; \{6^3, 3^{14}, 2^7\})$	4718520
12	$\mathcal{O}(1; \{6^3, 3^{17}, 2^3\})$	37748808
12	$\mathcal{O}(1; \{6^3, 4^2, 3^2, 2^{20}\})$	2880
12	$\mathcal{O}(1; \{6^3, 4^2, 3^5, 2^{16}\})$	24768
12	$\mathcal{O}(1; \{6^3, 4^2, 3^8, 2^{12}\})$	196416
12	$\mathcal{O}(1; \{6^3, 4^2, 3^{11}, 2^8\})$	1573056
12	$\mathcal{O}(1; \{6^3, 4^2, 3^{14}, 2^4\})$	12582720
12	$\mathcal{O}(1; \{6^3, 4^2, 3^{17}\})$	100663488
12	$\mathcal{O}(1; \{6^3, 4^4, 3^2, 2^{17}\})$	11520
12	$\mathcal{O}(1; \{6^3, 4^4, 3^5, 2^{13}\})$	99072
12	$\mathcal{O}(1; \{6^3, 4^4, 3^8, 2^9\})$	785664
12	$\mathcal{O}(1; \{6^3, 4^4, 3^{11}, 2^5\})$	6292224
12	$\mathcal{O}(1; \{6^3, 4^4, 3^{14}, 2\})$	50330880
12	$\mathcal{O}(1; \{6^3, 4^6, 3^2, 2^{14}\})$	46080
12	$\mathcal{O}(1; \{6^3, 4^6, 3^5, 2^{10}\})$	396288
12	$\mathcal{O}(1; \{6^3, 4^6, 3^8, 2^6\})$	3142656
12	$\mathcal{O}(1; \{6^3, 4^6, 3^{11}, 2^2\})$	25168896
12	$\mathcal{O}(1; \{6^3, 4^8, 3^2, 2^{11}\})$	184320
12	$\mathcal{O}(1; \{6^3, 4^8, 3^5, 2^7\})$	1585152
12	$\mathcal{O}(1; \{6^3, 4^8, 3^8, 2^3\})$	12570624
12	$\mathcal{O}(1; \{6^3, 4^{10}, 3^2, 2^8\})$	737280
12	$\mathcal{O}(1; \{6^3, 4^{10}, 3^5, 2^4\})$	6340608
12	$\mathcal{O}(1; \{6^3, 4^{10}, 3^8\})$	50282496
12	$\mathcal{O}(1; \{6^3, 4^{12}, 3^2, 2^5\})$	2949120
12	$\mathcal{O}(1; \{6^3, 4^{12}, 3^5, 2\})$	25362432
12	$\mathcal{O}(1; \{6^3, 4^{14}, 3^2, 2^2\})$	11796480
12	$\mathcal{O}(1; \{6^4, 2^{24}\})$	648
12	$\mathcal{O}(1; \{6^4, 3^3, 2^{20}\})$	4536
12	$\mathcal{O}(1; \{6^4, 3^6, 2^{16}\})$	36936
12	$\mathcal{O}(1; \{6^4, 3^9, 2^{12}\})$	294840
12	$\mathcal{O}(1; \{6^4, 3^{12}, 2^8\})$	2359368
12	$\mathcal{O}(1; \{6^4, 3^{15}, 2^4\})$	18874296
12	$\mathcal{O}(1; \{6^4, 3^{18}\})$	150995016
12	$\mathcal{O}(1; \{6^4, 4^2, 2^{21}\})$	1728
12	$\mathcal{O}(1; \{6^4, 4^2, 3^3, 2^{17}\})$	12096

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^4, 4^2, 3^6, 2^{13}\})$	98496
12	$\mathcal{O}(1; \{6^4, 4^2, 3^9, 2^9\})$	786240
12	$\mathcal{O}(1; \{6^4, 4^2, 3^{12}, 2^5\})$	6291648
12	$\mathcal{O}(1; \{6^4, 4^2, 3^{15}, 2\})$	50331456
12	$\mathcal{O}(1; \{6^4, 4^4, 2^{18}\})$	6912
12	$\mathcal{O}(1; \{6^4, 4^4, 3^3, 2^{14}\})$	48384
12	$\mathcal{O}(1; \{6^4, 4^4, 3^6, 2^{10}\})$	393984
12	$\mathcal{O}(1; \{6^4, 4^4, 3^9, 2^6\})$	3144960
12	$\mathcal{O}(1; \{6^4, 4^4, 3^{12}, 2^2\})$	25166592
12	$\mathcal{O}(1; \{6^4, 4^6, 2^{15}\})$	27648
12	$\mathcal{O}(1; \{6^4, 4^6, 3^3, 2^{11}\})$	193536
12	$\mathcal{O}(1; \{6^4, 4^6, 3^6, 2^7\})$	1575936
12	$\mathcal{O}(1; \{6^4, 4^6, 3^9, 2^3\})$	12579840
12	$\mathcal{O}(1; \{6^4, 4^8, 2^{12}\})$	110592
12	$\mathcal{O}(1; \{6^4, 4^8, 3^3, 2^8\})$	774144
12	$\mathcal{O}(1; \{6^4, 4^8, 3^6, 2^4\})$	6303744
12	$\mathcal{O}(1; \{6^4, 4^8, 3^9\})$	50319360
12	$\mathcal{O}(1; \{6^4, 4^{10}, 2^9\})$	442368
12	$\mathcal{O}(1; \{6^4, 4^{10}, 3^3, 2^5\})$	3096576
12	$\mathcal{O}(1; \{6^4, 4^{10}, 3^6, 2\})$	25214976
12	$\mathcal{O}(1; \{6^4, 4^{12}, 2^6\})$	1769472
12	$\mathcal{O}(1; \{6^4, 4^{12}, 3^3, 2^2\})$	12386304
12	$\mathcal{O}(1; \{6^4, 4^{14}, 2^3\})$	7077888
12	$\mathcal{O}(1; \{6^4, 4^{16}\})$	28311552
12	$\mathcal{O}(1; \{6^5, 3, 2^{21}\})$	2376
12	$\mathcal{O}(1; \{6^5, 3^4, 2^{17}\})$	18360
12	$\mathcal{O}(1; \{6^5, 3^7, 2^{13}\})$	147528
12	$\mathcal{O}(1; \{6^5, 3^{10}, 2^9\})$	1179576
12	$\mathcal{O}(1; \{6^5, 3^{13}, 2^5\})$	9437256
12	$\mathcal{O}(1; \{6^5, 3^{16}, 2\})$	75497400
12	$\mathcal{O}(1; \{6^5, 4^2, 3, 2^{18}\})$	6336
12	$\mathcal{O}(1; \{6^5, 4^2, 3^4, 2^{14}\})$	48960
12	$\mathcal{O}(1; \{6^5, 4^2, 3^7, 2^{10}\})$	393408
12	$\mathcal{O}(1; \{6^5, 4^2, 3^{10}, 2^6\})$	3145536
12	$\mathcal{O}(1; \{6^5, 4^2, 3^{13}, 2^2\})$	25166016
12	$\mathcal{O}(1; \{6^5, 4^4, 3, 2^{15}\})$	25344
12	$\mathcal{O}(1; \{6^5, 4^4, 3^4, 2^{11}\})$	195840
12	$\mathcal{O}(1; \{6^5, 4^4, 3^7, 2^7\})$	1573632
12	$\mathcal{O}(1; \{6^5, 4^4, 3^{10}, 2^3\})$	12582144
12	$\mathcal{O}(1; \{6^5, 4^6, 3, 2^{12}\})$	101376
12	$\mathcal{O}(1; \{6^5, 4^6, 3^4, 2^8\})$	783360
12	$\mathcal{O}(1; \{6^5, 4^6, 3^7, 2^4\})$	6294528
12	$\mathcal{O}(1; \{6^5, 4^6, 3^{10}\})$	50328576

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^5, 4^8, 3, 2^9\})$	405504
12	$\mathcal{O}(1; \{6^5, 4^8, 3^4, 2^5\})$	3133440
12	$\mathcal{O}(1; \{6^5, 4^8, 3^7, 2\})$	25178112
12	$\mathcal{O}(1; \{6^5, 4^{10}, 3, 2^6\})$	1622016
12	$\mathcal{O}(1; \{6^5, 4^{10}, 3^4, 2^2\})$	12533760
12	$\mathcal{O}(1; \{6^5, 4^{12}, 3, 2^3\})$	6488064
12	$\mathcal{O}(1; \{6^5, 4^{14}, 3\})$	25952256
12	$\mathcal{O}(1; \{6^6, 3^2, 2^{18}\})$	9288
12	$\mathcal{O}(1; \{6^6, 3^5, 2^{14}\})$	73656
12	$\mathcal{O}(1; \{6^6, 3^8, 2^{10}\})$	589896
12	$\mathcal{O}(1; \{6^6, 3^{11}, 2^6\})$	4718520
12	$\mathcal{O}(1; \{6^6, 3^{14}, 2^2\})$	37748808
12	$\mathcal{O}(1; \{6^6, 4^2, 3^2, 2^{15}\})$	24768
12	$\mathcal{O}(1; \{6^6, 4^2, 3^5, 2^{11}\})$	196416
12	$\mathcal{O}(1; \{6^6, 4^2, 3^8, 2^7\})$	1573056
12	$\mathcal{O}(1; \{6^6, 4^2, 3^{11}, 2^3\})$	12582720
12	$\mathcal{O}(1; \{6^6, 4^4, 3^2, 2^{12}\})$	99072
12	$\mathcal{O}(1; \{6^6, 4^4, 3^5, 2^8\})$	785664
12	$\mathcal{O}(1; \{6^6, 4^4, 3^8, 2^4\})$	6292224
12	$\mathcal{O}(1; \{6^6, 4^4, 3^{11}\})$	50330880
12	$\mathcal{O}(1; \{6^6, 4^6, 3^2, 2^9\})$	396288
12	$\mathcal{O}(1; \{6^6, 4^6, 3^5, 2^5\})$	3142656
12	$\mathcal{O}(1; \{6^6, 4^6, 3^8, 2\})$	25168896
12	$\mathcal{O}(1; \{6^6, 4^8, 3^2, 2^6\})$	1585152
12	$\mathcal{O}(1; \{6^6, 4^8, 3^5, 2^2\})$	12570624
12	$\mathcal{O}(1; \{6^6, 4^{10}, 3^2, 2^3\})$	6340608
12	$\mathcal{O}(1; \{6^6, 4^{12}, 3^2\})$	25362432
12	$\mathcal{O}(1; \{6^7, 2^{19}\})$	4536
12	$\mathcal{O}(1; \{6^7, 3^3, 2^{15}\})$	36936
12	$\mathcal{O}(1; \{6^7, 3^6, 2^{11}\})$	294840
12	$\mathcal{O}(1; \{6^7, 3^9, 2^7\})$	2359368
12	$\mathcal{O}(1; \{6^7, 3^{12}, 2^3\})$	18874296
12	$\mathcal{O}(1; \{6^7, 4^2, 2^{16}\})$	12096
12	$\mathcal{O}(1; \{6^7, 4^2, 3^3, 2^{12}\})$	98496
12	$\mathcal{O}(1; \{6^7, 4^2, 3^6, 2^8\})$	786240
12	$\mathcal{O}(1; \{6^7, 4^2, 3^9, 2^4\})$	6291648
12	$\mathcal{O}(1; \{6^7, 4^2, 3^{12}\})$	50331456
12	$\mathcal{O}(1; \{6^7, 4^4, 2^{13}\})$	48384
12	$\mathcal{O}(1; \{6^7, 4^4, 3^3, 2^9\})$	393984
12	$\mathcal{O}(1; \{6^7, 4^4, 3^6, 2^5\})$	3144960
12	$\mathcal{O}(1; \{6^7, 4^4, 3^9, 2\})$	25166592
12	$\mathcal{O}(1; \{6^7, 4^6, 2^{10}\})$	193536
12	$\mathcal{O}(1; \{6^7, 4^6, 3^3, 2^6\})$	1575936

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^7, 4^6, 3^6, 2^2\})$	12579840
12	$\mathcal{O}(1; \{6^7, 4^8, 2^7\})$	774144
12	$\mathcal{O}(1; \{6^7, 4^8, 3^3, 2^3\})$	6303744
12	$\mathcal{O}(1; \{6^7, 4^{10}, 2^4\})$	3096576
12	$\mathcal{O}(1; \{6^7, 4^{10}, 3^3\})$	25214976
12	$\mathcal{O}(1; \{6^7, 4^{12}, 2\})$	12386304
12	$\mathcal{O}(1; \{6^8, 3, 2^{16}\})$	18360
12	$\mathcal{O}(1; \{6^8, 3^4, 2^{12}\})$	147528
12	$\mathcal{O}(1; \{6^8, 3^7, 2^8\})$	1179576
12	$\mathcal{O}(1; \{6^8, 3^{10}, 2^4\})$	9437256
12	$\mathcal{O}(1; \{6^8, 3^{13}\})$	75497400
12	$\mathcal{O}(1; \{6^8, 4^2, 3, 2^{13}\})$	48960
12	$\mathcal{O}(1; \{6^8, 4^2, 3^4, 2^9\})$	393408
12	$\mathcal{O}(1; \{6^8, 4^2, 3^7, 2^5\})$	3145536
12	$\mathcal{O}(1; \{6^8, 4^2, 3^{10}, 2\})$	25166016
12	$\mathcal{O}(1; \{6^8, 4^4, 3, 2^{10}\})$	195840
12	$\mathcal{O}(1; \{6^8, 4^4, 3^4, 2^6\})$	1573632
12	$\mathcal{O}(1; \{6^8, 4^4, 3^7, 2^2\})$	12582144
12	$\mathcal{O}(1; \{6^8, 4^6, 3, 2^7\})$	783360
12	$\mathcal{O}(1; \{6^8, 4^6, 3^4, 2^3\})$	6294528
12	$\mathcal{O}(1; \{6^8, 4^8, 3, 2^4\})$	3133440
12	$\mathcal{O}(1; \{6^8, 4^8, 3^4\})$	25178112
12	$\mathcal{O}(1; \{6^8, 4^{10}, 3, 2\})$	12533760
12	$\mathcal{O}(1; \{6^9, 3^2, 2^{13}\})$	73656
12	$\mathcal{O}(1; \{6^9, 3^5, 2^9\})$	589896
12	$\mathcal{O}(1; \{6^9, 3^8, 2^5\})$	4718520
12	$\mathcal{O}(1; \{6^9, 3^{11}, 2\})$	37748808
12	$\mathcal{O}(1; \{6^9, 4^2, 3^2, 2^{10}\})$	196416
12	$\mathcal{O}(1; \{6^9, 4^2, 3^5, 2^6\})$	1573056
12	$\mathcal{O}(1; \{6^9, 4^2, 3^8, 2^2\})$	12582720
12	$\mathcal{O}(1; \{6^9, 4^4, 3^2, 2^7\})$	785664
12	$\mathcal{O}(1; \{6^9, 4^4, 3^5, 2^3\})$	6292224
12	$\mathcal{O}(1; \{6^9, 4^6, 3^2, 2^4\})$	3142656
12	$\mathcal{O}(1; \{6^9, 4^6, 3^5\})$	25168896
12	$\mathcal{O}(1; \{6^9, 4^8, 3^2, 2\})$	12570624
12	$\mathcal{O}(1; \{6^{10}, 2^{14}\})$	36936
12	$\mathcal{O}(1; \{6^{10}, 3^3, 2^{10}\})$	294840
12	$\mathcal{O}(1; \{6^{10}, 3^6, 2^6\})$	2359368
12	$\mathcal{O}(1; \{6^{10}, 3^9, 2^2\})$	18874296
12	$\mathcal{O}(1; \{6^{10}, 4^2, 2^{11}\})$	98496
12	$\mathcal{O}(1; \{6^{10}, 4^2, 3^3, 2^7\})$	786240
12	$\mathcal{O}(1; \{6^{10}, 4^2, 3^6, 2^3\})$	6291648
12	$\mathcal{O}(1; \{6^{10}, 4^4, 2^8\})$	393984

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^{10}, 4^4, 3^3, 2^4\})$	3144960
12	$\mathcal{O}(1; \{6^{10}, 4^4, 3^6\})$	25166592
12	$\mathcal{O}(1; \{6^{10}, 4^6, 2^5\})$	1575936
12	$\mathcal{O}(1; \{6^{10}, 4^6, 3^3, 2\})$	12579840
12	$\mathcal{O}(1; \{6^{10}, 4^8, 2^2\})$	6303744
12	$\mathcal{O}(1; \{6^{11}, 3, 2^{11}\})$	147528
12	$\mathcal{O}(1; \{6^{11}, 3^4, 2^7\})$	1179576
12	$\mathcal{O}(1; \{6^{11}, 3^7, 2^3\})$	9437256
12	$\mathcal{O}(1; \{6^{11}, 4^2, 3, 2^8\})$	393408
12	$\mathcal{O}(1; \{6^{11}, 4^2, 3^4, 2^4\})$	3145536
12	$\mathcal{O}(1; \{6^{11}, 4^2, 3^7\})$	25166016
12	$\mathcal{O}(1; \{6^{11}, 4^4, 3, 2^5\})$	1573632
12	$\mathcal{O}(1; \{6^{11}, 4^4, 3^4, 2\})$	12582144
12	$\mathcal{O}(1; \{6^{11}, 4^6, 3, 2^2\})$	6294528
12	$\mathcal{O}(1; \{6^{12}, 3^2, 2^8\})$	589896
12	$\mathcal{O}(1; \{6^{12}, 3^5, 2^4\})$	4718520
12	$\mathcal{O}(1; \{6^{12}, 3^8\})$	37748808
12	$\mathcal{O}(1; \{6^{12}, 4^2, 3^2, 2^5\})$	1573056
12	$\mathcal{O}(1; \{6^{12}, 4^2, 3^5, 2\})$	12582720
12	$\mathcal{O}(1; \{6^{12}, 4^4, 3^2, 2^2\})$	6292224
12	$\mathcal{O}(1; \{6^{13}, 2^9\})$	294840
12	$\mathcal{O}(1; \{6^{13}, 3^3, 2^5\})$	2359368
12	$\mathcal{O}(1; \{6^{13}, 3^6, 2\})$	18874296
12	$\mathcal{O}(1; \{6^{13}, 4^2, 2^6\})$	786240
12	$\mathcal{O}(1; \{6^{13}, 4^2, 3^3, 2^2\})$	6291648
12	$\mathcal{O}(1; \{6^{13}, 4^4, 2^3\})$	3144960
12	$\mathcal{O}(1; \{6^{13}, 4^6\})$	12579840
12	$\mathcal{O}(1; \{6^{14}, 3, 2^6\})$	1179576
12	$\mathcal{O}(1; \{6^{14}, 3^4, 2^2\})$	9437256
12	$\mathcal{O}(1; \{6^{14}, 4^2, 3, 2^3\})$	3145536
12	$\mathcal{O}(1; \{6^{14}, 4^4, 3\})$	12582144
12	$\mathcal{O}(1; \{6^{15}, 3^2, 2^3\})$	4718520
12	$\mathcal{O}(1; \{6^{15}, 4^2, 3^2\})$	12582720
12	$\mathcal{O}(1; \{6^{16}, 2^4\})$	2359368
12	$\mathcal{O}(1; \{6^{16}, 3^3\})$	18874296
12	$\mathcal{O}(1; \{6^{16}, 4^2, 2\})$	6291648
12	$\mathcal{O}(1; \{6^{17}, 3, 2\})$	9437256
12	$\mathcal{O}(1; \{12, 4, 3, 2^{26}\})$	576
12	$\mathcal{O}(1; \{12, 4, 3^4, 2^{22}\})$	2880
12	$\mathcal{O}(1; \{12, 4, 3^7, 2^{18}\})$	24768
12	$\mathcal{O}(1; \{12, 4, 3^{10}, 2^{14}\})$	196416
12	$\mathcal{O}(1; \{12, 4, 3^{13}, 2^{10}\})$	1573056
12	$\mathcal{O}(1; \{12, 4, 3^{16}, 2^6\})$	12582720

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 4, 3^{19}, 2^2\})$	100663488
12	$\mathcal{O}(1; \{12, 4^3, 3, 2^{23}\})$	2304
12	$\mathcal{O}(1; \{12, 4^3, 3^4, 2^{19}\})$	11520
12	$\mathcal{O}(1; \{12, 4^3, 3^7, 2^{15}\})$	99072
12	$\mathcal{O}(1; \{12, 4^3, 3^{10}, 2^{11}\})$	785664
12	$\mathcal{O}(1; \{12, 4^3, 3^{13}, 2^7\})$	6292224
12	$\mathcal{O}(1; \{12, 4^3, 3^{16}, 2^3\})$	50330880
12	$\mathcal{O}(1; \{12, 4^5, 3, 2^{20}\})$	9216
12	$\mathcal{O}(1; \{12, 4^5, 3^4, 2^{16}\})$	46080
12	$\mathcal{O}(1; \{12, 4^5, 3^7, 2^{12}\})$	396288
12	$\mathcal{O}(1; \{12, 4^5, 3^{10}, 2^8\})$	3142656
12	$\mathcal{O}(1; \{12, 4^5, 3^{13}, 2^4\})$	25168896
12	$\mathcal{O}(1; \{12, 4^5, 3^{16}\})$	201323520
12	$\mathcal{O}(1; \{12, 4^7, 3, 2^{17}\})$	36864
12	$\mathcal{O}(1; \{12, 4^7, 3^4, 2^{13}\})$	184320
12	$\mathcal{O}(1; \{12, 4^7, 3^7, 2^9\})$	1585152
12	$\mathcal{O}(1; \{12, 4^7, 3^{10}, 2^5\})$	12570624
12	$\mathcal{O}(1; \{12, 4^7, 3^{13}, 2\})$	100675584
12	$\mathcal{O}(1; \{12, 4^9, 3, 2^{14}\})$	147456
12	$\mathcal{O}(1; \{12, 4^9, 3^4, 2^{10}\})$	737280
12	$\mathcal{O}(1; \{12, 4^9, 3^7, 2^6\})$	6340608
12	$\mathcal{O}(1; \{12, 4^9, 3^{10}, 2^2\})$	50282496
12	$\mathcal{O}(1; \{12, 4^{11}, 3, 2^{11}\})$	589824
12	$\mathcal{O}(1; \{12, 4^{11}, 3^4, 2^7\})$	2949120
12	$\mathcal{O}(1; \{12, 4^{11}, 3^7, 2^3\})$	25362432
12	$\mathcal{O}(1; \{12, 4^{13}, 3, 2^8\})$	2359296
12	$\mathcal{O}(1; \{12, 4^{13}, 3^4, 2^4\})$	11796480
12	$\mathcal{O}(1; \{12, 4^{13}, 3^7\})$	101449728
12	$\mathcal{O}(1; \{12, 4^{15}, 3, 2^5\})$	9437184
12	$\mathcal{O}(1; \{12, 4^{15}, 3^4, 2\})$	47185920
12	$\mathcal{O}(1; \{12, 4^{17}, 3, 2^2\})$	37748736
12	$\mathcal{O}(1; \{12, 6, 4, 3^2, 2^{23}\})$	1728
12	$\mathcal{O}(1; \{12, 6, 4, 3^5, 2^{19}\})$	12096
12	$\mathcal{O}(1; \{12, 6, 4, 3^8, 2^{15}\})$	98496
12	$\mathcal{O}(1; \{12, 6, 4, 3^{11}, 2^{11}\})$	786240
12	$\mathcal{O}(1; \{12, 6, 4, 3^{14}, 2^7\})$	6291648
12	$\mathcal{O}(1; \{12, 6, 4, 3^{17}, 2^3\})$	50331456
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^2, 2^{20}\})$	6912
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^5, 2^{16}\})$	48384
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^8, 2^{12}\})$	393984
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^{11}, 2^8\})$	3144960
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^{14}, 2^4\})$	25166592
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^{17}\})$	201325824

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^2, 2^{17}\})$	27648
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^5, 2^{13}\})$	193536
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^8, 2^9\})$	1575936
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^{11}, 2^5\})$	12579840
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^{14}, 2\})$	100666368
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^2, 2^{14}\})$	110592
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^5, 2^{10}\})$	774144
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^8, 2^6\})$	6303744
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^{11}, 2^2\})$	50319360
12	$\mathcal{O}(1; \{12, 6, 4^9, 3^2, 2^{11}\})$	442368
12	$\mathcal{O}(1; \{12, 6, 4^9, 3^5, 2^7\})$	3096576
12	$\mathcal{O}(1; \{12, 6, 4^9, 3^8, 2^3\})$	25214976
12	$\mathcal{O}(1; \{12, 6, 4^{11}, 3^2, 2^8\})$	1769472
12	$\mathcal{O}(1; \{12, 6, 4^{11}, 3^5, 2^4\})$	12386304
12	$\mathcal{O}(1; \{12, 6, 4^{11}, 3^8\})$	100859904
12	$\mathcal{O}(1; \{12, 6, 4^{13}, 3^2, 2^5\})$	7077888
12	$\mathcal{O}(1; \{12, 6, 4^{13}, 3^5, 2\})$	49545216
12	$\mathcal{O}(1; \{12, 6, 4^{15}, 3^2, 2^2\})$	28311552
12	$\mathcal{O}(1; \{12, 6^2, 4, 2^{24}\})$	576
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^3, 2^{20}\})$	6336
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^6, 2^{16}\})$	48960
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^9, 2^{12}\})$	393408
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^{12}, 2^8\})$	3145536
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^{15}, 2^4\})$	25166016
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^{18}\})$	201326400
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 2^{21}\})$	2304
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^3, 2^{17}\})$	25344
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^6, 2^{13}\})$	195840
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^9, 2^9\})$	1573632
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^{12}, 2^5\})$	12582144
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^{15}, 2\})$	100664064
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 2^{18}\})$	9216
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^3, 2^{14}\})$	101376
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^6, 2^{10}\})$	783360
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^9, 2^6\})$	6294528
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^{12}, 2^2\})$	50328576
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 2^{15}\})$	36864
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^3, 2^{11}\})$	405504
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^6, 2^7\})$	3133440
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^9, 2^3\})$	25178112
12	$\mathcal{O}(1; \{12, 6^2, 4^9, 2^{12}\})$	147456
12	$\mathcal{O}(1; \{12, 6^2, 4^9, 3^3, 2^8\})$	1622016
12	$\mathcal{O}(1; \{12, 6^2, 4^9, 3^6, 2^4\})$	12533760

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^2, 4^9, 3^9\})$	100712448
12	$\mathcal{O}(1; \{12, 6^2, 4^{11}, 2^9\})$	589824
12	$\mathcal{O}(1; \{12, 6^2, 4^{11}, 3^3, 2^5\})$	6488064
12	$\mathcal{O}(1; \{12, 6^2, 4^{11}, 3^6, 2\})$	50135040
12	$\mathcal{O}(1; \{12, 6^2, 4^{13}, 2^6\})$	2359296
12	$\mathcal{O}(1; \{12, 6^2, 4^{13}, 3^3, 2^2\})$	25952256
12	$\mathcal{O}(1; \{12, 6^2, 4^{15}, 2^3\})$	9437184
12	$\mathcal{O}(1; \{12, 6^2, 4^{17}\})$	37748736
12	$\mathcal{O}(1; \{12, 6^3, 4, 3, 2^{21}\})$	2880
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^4, 2^{17}\})$	24768
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^7, 2^{13}\})$	196416
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^{10}, 2^9\})$	1573056
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^{13}, 2^5\})$	12582720
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^{16}, 2\})$	100663488
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3, 2^{18}\})$	11520
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^4, 2^{14}\})$	99072
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^7, 2^{10}\})$	785664
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^{10}, 2^6\})$	6292224
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^{13}, 2^2\})$	50330880
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3, 2^{15}\})$	46080
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^4, 2^{11}\})$	396288
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^7, 2^7\})$	3142656
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^{10}, 2^3\})$	25168896
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 3, 2^{12}\})$	184320
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 3^4, 2^8\})$	1585152
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 3^7, 2^4\})$	12570624
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 3^{10}\})$	100675584
12	$\mathcal{O}(1; \{12, 6^3, 4^9, 3, 2^9\})$	737280
12	$\mathcal{O}(1; \{12, 6^3, 4^9, 3^4, 2^5\})$	6340608
12	$\mathcal{O}(1; \{12, 6^3, 4^9, 3^7, 2\})$	50282496
12	$\mathcal{O}(1; \{12, 6^3, 4^{11}, 3, 2^6\})$	2949120
12	$\mathcal{O}(1; \{12, 6^3, 4^{11}, 3^4, 2^2\})$	25362432
12	$\mathcal{O}(1; \{12, 6^3, 4^{13}, 3, 2^3\})$	11796480
12	$\mathcal{O}(1; \{12, 6^3, 4^{15}, 3\})$	47185920
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^2, 2^{18}\})$	12096
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^5, 2^{14}\})$	98496
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^8, 2^{10}\})$	786240
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^{11}, 2^6\})$	6291648
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^{14}, 2^2\})$	50331456
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^2, 2^{15}\})$	48384
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^5, 2^{11}\})$	393984
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^8, 2^7\})$	3144960
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^{11}, 2^3\})$	25166592

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3^2, 2^{12}\})$	193536
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3^5, 2^8\})$	1575936
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3^8, 2^4\})$	12579840
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3^{11}\})$	100666368
12	$\mathcal{O}(1; \{12, 6^4, 4^7, 3^2, 2^9\})$	774144
12	$\mathcal{O}(1; \{12, 6^4, 4^7, 3^5, 2^5\})$	6303744
12	$\mathcal{O}(1; \{12, 6^4, 4^7, 3^8, 2\})$	50319360
12	$\mathcal{O}(1; \{12, 6^4, 4^9, 3^2, 2^6\})$	3096576
12	$\mathcal{O}(1; \{12, 6^4, 4^9, 3^5, 2^2\})$	25214976
12	$\mathcal{O}(1; \{12, 6^4, 4^{11}, 3^2, 2^3\})$	12386304
12	$\mathcal{O}(1; \{12, 6^4, 4^{13}, 3^2\})$	49545216
12	$\mathcal{O}(1; \{12, 6^5, 4, 2^{19}\})$	6336
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^3, 2^{15}\})$	48960
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^6, 2^{11}\})$	393408
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^9, 2^7\})$	3145536
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^{12}, 2^3\})$	25166016
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 2^{16}\})$	25344
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^3, 2^{12}\})$	195840
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^6, 2^8\})$	1573632
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^9, 2^4\})$	12582144
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^{12}\})$	100664064
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 2^{13}\})$	101376
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 3^3, 2^9\})$	783360
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 3^6, 2^5\})$	6294528
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 3^9, 2\})$	50328576
12	$\mathcal{O}(1; \{12, 6^5, 4^7, 2^{10}\})$	405504
12	$\mathcal{O}(1; \{12, 6^5, 4^7, 3^3, 2^6\})$	3133440
12	$\mathcal{O}(1; \{12, 6^5, 4^7, 3^6, 2^2\})$	25178112
12	$\mathcal{O}(1; \{12, 6^5, 4^9, 2^7\})$	1622016
12	$\mathcal{O}(1; \{12, 6^5, 4^9, 3^3, 2^3\})$	12533760
12	$\mathcal{O}(1; \{12, 6^5, 4^{11}, 2^4\})$	6488064
12	$\mathcal{O}(1; \{12, 6^5, 4^{11}, 3^3\})$	50135040
12	$\mathcal{O}(1; \{12, 6^5, 4^{13}, 2\})$	25952256
12	$\mathcal{O}(1; \{12, 6^6, 4, 3, 2^{16}\})$	24768
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^4, 2^{12}\})$	196416
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^7, 2^8\})$	1573056
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^{10}, 2^4\})$	12582720
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^{13}\})$	100663488
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3, 2^{13}\})$	99072
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3^4, 2^9\})$	785664
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3^7, 2^5\})$	6292224
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3^{10}, 2\})$	50330880
12	$\mathcal{O}(1; \{12, 6^6, 4^5, 3, 2^{10}\})$	396288

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^6, 4^5, 3^4, 2^6\})$	3142656
12	$\mathcal{O}(1; \{12, 6^6, 4^5, 3^7, 2^2\})$	25168896
12	$\mathcal{O}(1; \{12, 6^6, 4^7, 3, 2^7\})$	1585152
12	$\mathcal{O}(1; \{12, 6^6, 4^7, 3^4, 2^3\})$	12570624
12	$\mathcal{O}(1; \{12, 6^6, 4^9, 3, 2^4\})$	6340608
12	$\mathcal{O}(1; \{12, 6^6, 4^9, 3^4\})$	50282496
12	$\mathcal{O}(1; \{12, 6^6, 4^{11}, 3, 2\})$	25362432
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^2, 2^{13}\})$	98496
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^5, 2^9\})$	786240
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^8, 2^5\})$	6291648
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^{11}, 2\})$	50331456
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 3^2, 2^{10}\})$	393984
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 3^5, 2^6\})$	3144960
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 3^8, 2^2\})$	25166592
12	$\mathcal{O}(1; \{12, 6^7, 4^5, 3^2, 2^7\})$	1575936
12	$\mathcal{O}(1; \{12, 6^7, 4^5, 3^5, 2^3\})$	12579840
12	$\mathcal{O}(1; \{12, 6^7, 4^7, 3^2, 2^4\})$	6303744
12	$\mathcal{O}(1; \{12, 6^7, 4^7, 3^5\})$	50319360
12	$\mathcal{O}(1; \{12, 6^7, 4^9, 3^2, 2\})$	25214976
12	$\mathcal{O}(1; \{12, 6^8, 4, 2^{14}\})$	48960
12	$\mathcal{O}(1; \{12, 6^8, 4, 3^3, 2^{10}\})$	393408
12	$\mathcal{O}(1; \{12, 6^8, 4, 3^6, 2^6\})$	3145536
12	$\mathcal{O}(1; \{12, 6^8, 4, 3^9, 2^2\})$	25166016
12	$\mathcal{O}(1; \{12, 6^8, 4^3, 2^{11}\})$	195840
12	$\mathcal{O}(1; \{12, 6^8, 4^3, 3^3, 2^7\})$	1573632
12	$\mathcal{O}(1; \{12, 6^8, 4^3, 3^6, 2^3\})$	12582144
12	$\mathcal{O}(1; \{12, 6^8, 4^5, 2^8\})$	783360
12	$\mathcal{O}(1; \{12, 6^8, 4^5, 3^3, 2^4\})$	6294528
12	$\mathcal{O}(1; \{12, 6^8, 4^5, 3^6\})$	50328576
12	$\mathcal{O}(1; \{12, 6^8, 4^7, 2^5\})$	3133440
12	$\mathcal{O}(1; \{12, 6^8, 4^7, 3^3, 2\})$	25178112
12	$\mathcal{O}(1; \{12, 6^8, 4^9, 2^2\})$	12533760
12	$\mathcal{O}(1; \{12, 6^9, 4, 3, 2^{11}\})$	196416
12	$\mathcal{O}(1; \{12, 6^9, 4, 3^4, 2^7\})$	1573056
12	$\mathcal{O}(1; \{12, 6^9, 4, 3^7, 2^3\})$	12582720
12	$\mathcal{O}(1; \{12, 6^9, 4^3, 3, 2^8\})$	785664
12	$\mathcal{O}(1; \{12, 6^9, 4^3, 3^4, 2^4\})$	6292224
12	$\mathcal{O}(1; \{12, 6^9, 4^3, 3^7\})$	50330880
12	$\mathcal{O}(1; \{12, 6^9, 4^5, 3, 2^5\})$	3142656
12	$\mathcal{O}(1; \{12, 6^9, 4^5, 3^4, 2\})$	25168896
12	$\mathcal{O}(1; \{12, 6^9, 4^7, 3, 2^2\})$	12570624
12	$\mathcal{O}(1; \{12, 6^{10}, 4, 3^2, 2^8\})$	786240
12	$\mathcal{O}(1; \{12, 6^{10}, 4, 3^5, 2^4\})$	6291648

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^{10}, 4, 3^8\})$	50331456
12	$\mathcal{O}(1; \{12, 6^{10}, 4^3, 3^2, 2^5\})$	3144960
12	$\mathcal{O}(1; \{12, 6^{10}, 4^3, 3^5, 2\})$	25166592
12	$\mathcal{O}(1; \{12, 6^{10}, 4^5, 3^2, 2^2\})$	12579840
12	$\mathcal{O}(1; \{12, 6^{11}, 4, 2^9\})$	393408
12	$\mathcal{O}(1; \{12, 6^{11}, 4, 3^3, 2^5\})$	3145536
12	$\mathcal{O}(1; \{12, 6^{11}, 4, 3^6, 2\})$	25166016
12	$\mathcal{O}(1; \{12, 6^{11}, 4^3, 2^6\})$	1573632
12	$\mathcal{O}(1; \{12, 6^{11}, 4^3, 3^3, 2^2\})$	12582144
12	$\mathcal{O}(1; \{12, 6^{11}, 4^5, 2^3\})$	6294528
12	$\mathcal{O}(1; \{12, 6^{11}, 4^7\})$	25178112
12	$\mathcal{O}(1; \{12, 6^{12}, 4, 3, 2^6\})$	1573056
12	$\mathcal{O}(1; \{12, 6^{12}, 4, 3^4, 2^2\})$	12582720
12	$\mathcal{O}(1; \{12, 6^{12}, 4^3, 3, 2^3\})$	6292224
12	$\mathcal{O}(1; \{12, 6^{12}, 4^5, 3\})$	25168896
12	$\mathcal{O}(1; \{12, 6^{13}, 4, 3^2, 2^3\})$	6291648
12	$\mathcal{O}(1; \{12, 6^{13}, 4^3, 3^2\})$	25166592
12	$\mathcal{O}(1; \{12, 6^{14}, 4, 2^4\})$	3145536
12	$\mathcal{O}(1; \{12, 6^{14}, 4, 3^3\})$	25166016
12	$\mathcal{O}(1; \{12, 6^{14}, 4^3, 2\})$	12582144
12	$\mathcal{O}(1; \{12, 6^{15}, 4, 3, 2\})$	12582720
12	$\mathcal{O}(1; \{12^2, 2^{27}\})$	576
12	$\mathcal{O}(1; \{12^2, 3^3, 2^{23}\})$	2880
12	$\mathcal{O}(1; \{12^2, 3^6, 2^{19}\})$	24768
12	$\mathcal{O}(1; \{12^2, 3^9, 2^{15}\})$	196416
12	$\mathcal{O}(1; \{12^2, 3^{12}, 2^{11}\})$	1573056
12	$\mathcal{O}(1; \{12^2, 3^{15}, 2^7\})$	12582720
12	$\mathcal{O}(1; \{12^2, 3^{18}, 2^3\})$	100663488
12	$\mathcal{O}(1; \{12^2, 4^2, 2^{24}\})$	2304
12	$\mathcal{O}(1; \{12^2, 4^2, 3^3, 2^{20}\})$	11520
12	$\mathcal{O}(1; \{12^2, 4^2, 3^6, 2^{16}\})$	99072
12	$\mathcal{O}(1; \{12^2, 4^2, 3^9, 2^{12}\})$	785664
12	$\mathcal{O}(1; \{12^2, 4^2, 3^{12}, 2^8\})$	6292224
12	$\mathcal{O}(1; \{12^2, 4^2, 3^{15}, 2^4\})$	50330880
12	$\mathcal{O}(1; \{12^2, 4^2, 3^{18}\})$	402653952
12	$\mathcal{O}(1; \{12^2, 4^4, 2^{21}\})$	9216
12	$\mathcal{O}(1; \{12^2, 4^4, 3^3, 2^{17}\})$	46080
12	$\mathcal{O}(1; \{12^2, 4^4, 3^6, 2^{13}\})$	396288
12	$\mathcal{O}(1; \{12^2, 4^4, 3^9, 2^9\})$	3142656
12	$\mathcal{O}(1; \{12^2, 4^4, 3^{12}, 2^5\})$	25168896
12	$\mathcal{O}(1; \{12^2, 4^4, 3^{15}, 2\})$	201323520
12	$\mathcal{O}(1; \{12^2, 4^6, 2^{18}\})$	36864
12	$\mathcal{O}(1; \{12^2, 4^6, 3^3, 2^{14}\})$	184320

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 4^6, 3^6, 2^{10}\})$	1585152
12	$\mathcal{O}(1; \{12^2, 4^6, 3^9, 2^6\})$	12570624
12	$\mathcal{O}(1; \{12^2, 4^6, 3^{12}, 2^2\})$	100675584
12	$\mathcal{O}(1; \{12^2, 4^8, 2^{15}\})$	147456
12	$\mathcal{O}(1; \{12^2, 4^8, 3^3, 2^{11}\})$	737280
12	$\mathcal{O}(1; \{12^2, 4^8, 3^6, 2^7\})$	6340608
12	$\mathcal{O}(1; \{12^2, 4^8, 3^9, 2^3\})$	50282496
12	$\mathcal{O}(1; \{12^2, 4^{10}, 2^{12}\})$	589824
12	$\mathcal{O}(1; \{12^2, 4^{10}, 3^3, 2^8\})$	2949120
12	$\mathcal{O}(1; \{12^2, 4^{10}, 3^6, 2^4\})$	25362432
12	$\mathcal{O}(1; \{12^2, 4^{10}, 3^9\})$	201129984
12	$\mathcal{O}(1; \{12^2, 4^{12}, 2^9\})$	2359296
12	$\mathcal{O}(1; \{12^2, 4^{12}, 3^3, 2^5\})$	11796480
12	$\mathcal{O}(1; \{12^2, 4^{12}, 3^6, 2\})$	101449728
12	$\mathcal{O}(1; \{12^2, 4^{14}, 2^6\})$	9437184
12	$\mathcal{O}(1; \{12^2, 4^{14}, 3^3, 2^2\})$	47185920
12	$\mathcal{O}(1; \{12^2, 4^{16}, 2^3\})$	37748736
12	$\mathcal{O}(1; \{12^2, 4^{18}\})$	150994944
12	$\mathcal{O}(1; \{12^2, 6, 3, 2^{24}\})$	1728
12	$\mathcal{O}(1; \{12^2, 6, 3^4, 2^{20}\})$	12096
12	$\mathcal{O}(1; \{12^2, 6, 3^7, 2^{16}\})$	98496
12	$\mathcal{O}(1; \{12^2, 6, 3^{10}, 2^{12}\})$	786240
12	$\mathcal{O}(1; \{12^2, 6, 3^{13}, 2^8\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6, 3^{16}, 2^4\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6, 3^{19}\})$	402653376
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3, 2^{21}\})$	6912
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^4, 2^{17}\})$	48384
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^7, 2^{13}\})$	393984
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^{10}, 2^9\})$	3144960
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^{13}, 2^5\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^{16}, 2\})$	201325824
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3, 2^{18}\})$	27648
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^4, 2^{14}\})$	193536
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^7, 2^{10}\})$	1575936
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^{10}, 2^6\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^{13}, 2^2\})$	100666368
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3, 2^{15}\})$	110592
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^4, 2^{11}\})$	774144
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^7, 2^7\})$	6303744
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^{10}, 2^3\})$	50319360
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 3, 2^{12}\})$	442368
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 3^4, 2^8\})$	3096576
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 3^7, 2^4\})$	25214976

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 3^{10}\})$	201277440
12	$\mathcal{O}(1; \{12^2, 6, 4^{10}, 3, 2^9\})$	1769472
12	$\mathcal{O}(1; \{12^2, 6, 4^{10}, 3^4, 2^5\})$	12386304
12	$\mathcal{O}(1; \{12^2, 6, 4^{10}, 3^7, 2\})$	100859904
12	$\mathcal{O}(1; \{12^2, 6, 4^{12}, 3, 2^6\})$	7077888
12	$\mathcal{O}(1; \{12^2, 6, 4^{12}, 3^4, 2^2\})$	49545216
12	$\mathcal{O}(1; \{12^2, 6, 4^{14}, 3, 2^3\})$	28311552
12	$\mathcal{O}(1; \{12^2, 6, 4^{16}, 3\})$	113246208
12	$\mathcal{O}(1; \{12^2, 6^2, 3^2, 2^{21}\})$	6336
12	$\mathcal{O}(1; \{12^2, 6^2, 3^5, 2^{17}\})$	48960
12	$\mathcal{O}(1; \{12^2, 6^2, 3^8, 2^{13}\})$	393408
12	$\mathcal{O}(1; \{12^2, 6^2, 3^{11}, 2^9\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^2, 3^{14}, 2^5\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^2, 3^{17}, 2\})$	201326400
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^2, 2^{18}\})$	25344
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^5, 2^{14}\})$	195840
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^8, 2^{10}\})$	1573632
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^{11}, 2^6\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^{14}, 2^2\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^2, 2^{15}\})$	101376
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^5, 2^{11}\})$	783360
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^8, 2^7\})$	6294528
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^{11}, 2^3\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3^2, 2^{12}\})$	405504
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3^5, 2^8\})$	3133440
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3^8, 2^4\})$	25178112
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3^{11}\})$	201314304
12	$\mathcal{O}(1; \{12^2, 6^2, 4^8, 3^2, 2^9\})$	1622016
12	$\mathcal{O}(1; \{12^2, 6^2, 4^8, 3^5, 2^5\})$	12533760
12	$\mathcal{O}(1; \{12^2, 6^2, 4^8, 3^8, 2\})$	100712448
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{10}, 3^2, 2^6\})$	6488064
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{10}, 3^5, 2^2\})$	50135040
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{12}, 3^2, 2^3\})$	25952256
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{14}, 3^2\})$	103809024
12	$\mathcal{O}(1; \{12^2, 6^3, 2^{22}\})$	2880
12	$\mathcal{O}(1; \{12^2, 6^3, 3^3, 2^{18}\})$	24768
12	$\mathcal{O}(1; \{12^2, 6^3, 3^6, 2^{14}\})$	196416
12	$\mathcal{O}(1; \{12^2, 6^3, 3^9, 2^{10}\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^3, 3^{12}, 2^6\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^3, 3^{15}, 2^2\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 2^{19}\})$	11520
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^3, 2^{15}\})$	99072
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^6, 2^{11}\})$	785664

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^9, 2^7\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^{12}, 2^3\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 2^{16}\})$	46080
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^3, 2^{12}\})$	396288
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^6, 2^8\})$	3142656
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^9, 2^4\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^{12}\})$	201323520
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 2^{13}\})$	184320
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 3^3, 2^9\})$	1585152
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 3^6, 2^5\})$	12570624
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 3^9, 2\})$	100675584
12	$\mathcal{O}(1; \{12^2, 6^3, 4^8, 2^{10}\})$	737280
12	$\mathcal{O}(1; \{12^2, 6^3, 4^8, 3^3, 2^6\})$	6340608
12	$\mathcal{O}(1; \{12^2, 6^3, 4^8, 3^6, 2^2\})$	50282496
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{10}, 2^7\})$	2949120
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{10}, 3^3, 2^3\})$	25362432
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{12}, 2^4\})$	11796480
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{12}, 3^3\})$	101449728
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{14}, 2\})$	47185920
12	$\mathcal{O}(1; \{12^2, 6^4, 3, 2^{19}\})$	12096
12	$\mathcal{O}(1; \{12^2, 6^4, 3^4, 2^{15}\})$	98496
12	$\mathcal{O}(1; \{12^2, 6^4, 3^7, 2^{11}\})$	786240
12	$\mathcal{O}(1; \{12^2, 6^4, 3^{10}, 2^7\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^4, 3^{13}, 2^3\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3, 2^{16}\})$	48384
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^4, 2^{12}\})$	393984
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^7, 2^8\})$	3144960
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^{10}, 2^4\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^{13}\})$	201325824
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3, 2^{13}\})$	193536
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3^4, 2^9\})$	1575936
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3^7, 2^5\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3^{10}, 2\})$	100666368
12	$\mathcal{O}(1; \{12^2, 6^4, 4^6, 3, 2^{10}\})$	774144
12	$\mathcal{O}(1; \{12^2, 6^4, 4^6, 3^4, 2^6\})$	6303744
12	$\mathcal{O}(1; \{12^2, 6^4, 4^6, 3^7, 2^2\})$	50319360
12	$\mathcal{O}(1; \{12^2, 6^4, 4^8, 3, 2^7\})$	3096576
12	$\mathcal{O}(1; \{12^2, 6^4, 4^8, 3^4, 2^3\})$	25214976
12	$\mathcal{O}(1; \{12^2, 6^4, 4^{10}, 3, 2^4\})$	12386304
12	$\mathcal{O}(1; \{12^2, 6^4, 4^{10}, 3^4\})$	100859904
12	$\mathcal{O}(1; \{12^2, 6^4, 4^{12}, 3, 2\})$	49545216
12	$\mathcal{O}(1; \{12^2, 6^5, 3^2, 2^{16}\})$	48960
12	$\mathcal{O}(1; \{12^2, 6^5, 3^5, 2^{12}\})$	393408

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^5, 3^8, 2^8\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^5, 3^{11}, 2^4\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^5, 3^{14}\})$	201326400
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^2, 2^{13}\})$	195840
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^5, 2^9\})$	1573632
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^8, 2^5\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^{11}, 2\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 3^2, 2^{10}\})$	783360
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 3^5, 2^6\})$	6294528
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 3^8, 2^2\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^5, 4^6, 3^2, 2^7\})$	3133440
12	$\mathcal{O}(1; \{12^2, 6^5, 4^6, 3^5, 2^3\})$	25178112
12	$\mathcal{O}(1; \{12^2, 6^5, 4^8, 3^2, 2^4\})$	12533760
12	$\mathcal{O}(1; \{12^2, 6^5, 4^8, 3^5\})$	100712448
12	$\mathcal{O}(1; \{12^2, 6^5, 4^{10}, 3^2, 2\})$	50135040
12	$\mathcal{O}(1; \{12^2, 6^6, 2^{17}\})$	24768
12	$\mathcal{O}(1; \{12^2, 6^6, 3^3, 2^{13}\})$	196416
12	$\mathcal{O}(1; \{12^2, 6^6, 3^6, 2^9\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^6, 3^9, 2^5\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^6, 3^{12}, 2\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 2^{14}\})$	99072
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3^3, 2^{10}\})$	785664
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3^6, 2^6\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3^9, 2^2\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^6, 4^4, 2^{11}\})$	396288
12	$\mathcal{O}(1; \{12^2, 6^6, 4^4, 3^3, 2^7\})$	3142656
12	$\mathcal{O}(1; \{12^2, 6^6, 4^4, 3^6, 2^3\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6^6, 4^6, 2^8\})$	1585152
12	$\mathcal{O}(1; \{12^2, 6^6, 4^6, 3^3, 2^4\})$	12570624
12	$\mathcal{O}(1; \{12^2, 6^6, 4^6, 3^6\})$	100675584
12	$\mathcal{O}(1; \{12^2, 6^6, 4^8, 2^5\})$	6340608
12	$\mathcal{O}(1; \{12^2, 6^6, 4^8, 3^3, 2\})$	50282496
12	$\mathcal{O}(1; \{12^2, 6^6, 4^{10}, 2^2\})$	25362432
12	$\mathcal{O}(1; \{12^2, 6^7, 3, 2^{14}\})$	98496
12	$\mathcal{O}(1; \{12^2, 6^7, 3^4, 2^{10}\})$	786240
12	$\mathcal{O}(1; \{12^2, 6^7, 3^7, 2^6\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^7, 3^{10}, 2^2\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 3, 2^{11}\})$	393984
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 3^4, 2^7\})$	3144960
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 3^7, 2^3\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^7, 4^4, 3, 2^8\})$	1575936
12	$\mathcal{O}(1; \{12^2, 6^7, 4^4, 3^4, 2^4\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6^7, 4^4, 3^7\})$	100666368

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^7, 4^6, 3, 2^5\})$	6303744
12	$\mathcal{O}(1; \{12^2, 6^7, 4^6, 3^4, 2\})$	50319360
12	$\mathcal{O}(1; \{12^2, 6^7, 4^8, 3, 2^2\})$	25214976
12	$\mathcal{O}(1; \{12^2, 6^8, 3^2, 2^{11}\})$	393408
12	$\mathcal{O}(1; \{12^2, 6^8, 3^5, 2^7\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^8, 3^8, 2^3\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^8, 4^2, 3^2, 2^8\})$	1573632
12	$\mathcal{O}(1; \{12^2, 6^8, 4^2, 3^5, 2^4\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^8, 4^2, 3^8\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6^8, 4^4, 3^2, 2^5\})$	6294528
12	$\mathcal{O}(1; \{12^2, 6^8, 4^4, 3^5, 2\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^8, 4^6, 3^2, 2^2\})$	25178112
12	$\mathcal{O}(1; \{12^2, 6^9, 2^{12}\})$	196416
12	$\mathcal{O}(1; \{12^2, 6^9, 3^3, 2^8\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^9, 3^6, 2^4\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^9, 3^9\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^9, 4^2, 2^9\})$	785664
12	$\mathcal{O}(1; \{12^2, 6^9, 4^2, 3^3, 2^5\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6^9, 4^2, 3^6, 2\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^9, 4^4, 2^6\})$	3142656
12	$\mathcal{O}(1; \{12^2, 6^9, 4^4, 3^3, 2^2\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6^9, 4^6, 2^3\})$	12570624
12	$\mathcal{O}(1; \{12^2, 6^9, 4^8\})$	50282496
12	$\mathcal{O}(1; \{12^2, 6^{10}, 3, 2^9\})$	786240
12	$\mathcal{O}(1; \{12^2, 6^{10}, 3^4, 2^5\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^{10}, 3^7, 2\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^2, 3, 2^6\})$	3144960
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^2, 3^4, 2^2\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^4, 3, 2^3\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^6, 3\})$	50319360
12	$\mathcal{O}(1; \{12^2, 6^{11}, 3^2, 2^6\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^{11}, 3^5, 2^2\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^2, 3^2, 2^3\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^4, 3^2\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^{12}, 2^7\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^{12}, 3^3, 2^3\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^{12}, 4^2, 2^4\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6^{12}, 4^2, 3^3\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^{12}, 4^4, 2\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6^{13}, 3, 2^4\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^{13}, 3^4\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^{13}, 4^2, 3, 2\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^{14}, 3^2, 2\})$	25166016

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^{15}, 2^2\})$	12582720
12	$\mathcal{O}(1; \{12^3, 4, 3^2, 2^{21}\})$	11520
12	$\mathcal{O}(1; \{12^3, 4, 3^5, 2^{17}\})$	99072
12	$\mathcal{O}(1; \{12^3, 4, 3^8, 2^{13}\})$	785664
12	$\mathcal{O}(1; \{12^3, 4, 3^{11}, 2^9\})$	6292224
12	$\mathcal{O}(1; \{12^3, 4, 3^{14}, 2^5\})$	50330880
12	$\mathcal{O}(1; \{12^3, 4, 3^{17}, 2\})$	402653952
12	$\mathcal{O}(1; \{12^3, 4^3, 3^2, 2^{18}\})$	46080
12	$\mathcal{O}(1; \{12^3, 4^3, 3^5, 2^{14}\})$	396288
12	$\mathcal{O}(1; \{12^3, 4^3, 3^8, 2^{10}\})$	3142656
12	$\mathcal{O}(1; \{12^3, 4^3, 3^{11}, 2^6\})$	25168896
12	$\mathcal{O}(1; \{12^3, 4^3, 3^{14}, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12^3, 4^5, 3^2, 2^{15}\})$	184320
12	$\mathcal{O}(1; \{12^3, 4^5, 3^5, 2^{11}\})$	1585152
12	$\mathcal{O}(1; \{12^3, 4^5, 3^8, 2^7\})$	12570624
12	$\mathcal{O}(1; \{12^3, 4^5, 3^{11}, 2^3\})$	100675584
12	$\mathcal{O}(1; \{12^3, 4^7, 3^2, 2^{12}\})$	737280
12	$\mathcal{O}(1; \{12^3, 4^7, 3^5, 2^8\})$	6340608
12	$\mathcal{O}(1; \{12^3, 4^7, 3^8, 2^4\})$	50282496
12	$\mathcal{O}(1; \{12^3, 4^7, 3^{11}\})$	402702336
12	$\mathcal{O}(1; \{12^3, 4^9, 3^2, 2^9\})$	2949120
12	$\mathcal{O}(1; \{12^3, 4^9, 3^5, 2^5\})$	25362432
12	$\mathcal{O}(1; \{12^3, 4^9, 3^8, 2\})$	201129984
12	$\mathcal{O}(1; \{12^3, 4^{11}, 3^2, 2^6\})$	11796480
12	$\mathcal{O}(1; \{12^3, 4^{11}, 3^5, 2^2\})$	101449728
12	$\mathcal{O}(1; \{12^3, 4^{13}, 3^2, 2^3\})$	47185920
12	$\mathcal{O}(1; \{12^3, 4^{15}, 3^2\})$	188743680
12	$\mathcal{O}(1; \{12^3, 6, 4, 2^{22}\})$	6912
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^3, 2^{18}\})$	48384
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^6, 2^{14}\})$	393984
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^9, 2^{10}\})$	3144960
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^{12}, 2^6\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^{15}, 2^2\})$	201325824
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 2^{19}\})$	27648
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^3, 2^{15}\})$	193536
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^6, 2^{11}\})$	1575936
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^9, 2^7\})$	12579840
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^{12}, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 2^{16}\})$	110592
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^3, 2^{12}\})$	774144
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^6, 2^8\})$	6303744
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^9, 2^4\})$	50319360
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^{12}\})$	402665472

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 2^{13}\})$	442368
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 3^3, 2^9\})$	3096576
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 3^6, 2^5\})$	25214976
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 3^9, 2\})$	201277440
12	$\mathcal{O}(1; \{12^3, 6, 4^9, 2^{10}\})$	1769472
12	$\mathcal{O}(1; \{12^3, 6, 4^9, 3^3, 2^6\})$	12386304
12	$\mathcal{O}(1; \{12^3, 6, 4^9, 3^6, 2^2\})$	100859904
12	$\mathcal{O}(1; \{12^3, 6, 4^{11}, 2^7\})$	7077888
12	$\mathcal{O}(1; \{12^3, 6, 4^{11}, 3^3, 2^3\})$	49545216
12	$\mathcal{O}(1; \{12^3, 6, 4^{13}, 2^4\})$	28311552
12	$\mathcal{O}(1; \{12^3, 6, 4^{13}, 3^3\})$	198180864
12	$\mathcal{O}(1; \{12^3, 6, 4^{15}, 2\})$	113246208
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3, 2^{19}\})$	25344
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^4, 2^{15}\})$	195840
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^7, 2^{11}\})$	1573632
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^{10}, 2^7\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^{13}, 2^3\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3, 2^{16}\})$	101376
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^4, 2^{12}\})$	783360
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^7, 2^8\})$	6294528
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^{10}, 2^4\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^{13}\})$	402656256
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3, 2^{13}\})$	405504
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3^4, 2^9\})$	3133440
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3^7, 2^5\})$	25178112
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3^{10}, 2\})$	201314304
12	$\mathcal{O}(1; \{12^3, 6^2, 4^7, 3, 2^{10}\})$	1622016
12	$\mathcal{O}(1; \{12^3, 6^2, 4^7, 3^4, 2^6\})$	12533760
12	$\mathcal{O}(1; \{12^3, 6^2, 4^7, 3^7, 2^2\})$	100712448
12	$\mathcal{O}(1; \{12^3, 6^2, 4^9, 3, 2^7\})$	6488064
12	$\mathcal{O}(1; \{12^3, 6^2, 4^9, 3^4, 2^3\})$	50135040
12	$\mathcal{O}(1; \{12^3, 6^2, 4^{11}, 3, 2^4\})$	25952256
12	$\mathcal{O}(1; \{12^3, 6^2, 4^{11}, 3^4\})$	200540160
12	$\mathcal{O}(1; \{12^3, 6^2, 4^{13}, 3, 2\})$	103809024
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^2, 2^{16}\})$	99072
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^5, 2^{12}\})$	785664
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^8, 2^8\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^{11}, 2^4\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^{14}\})$	402653952
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^2, 2^{13}\})$	396288
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^5, 2^9\})$	3142656
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^8, 2^5\})$	25168896
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^{11}, 2\})$	201323520

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 3^2, 2^{10}\})$	1585152
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 3^5, 2^6\})$	12570624
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 3^8, 2^2\})$	100675584
12	$\mathcal{O}(1; \{12^3, 6^3, 4^7, 3^2, 2^7\})$	6340608
12	$\mathcal{O}(1; \{12^3, 6^3, 4^7, 3^5, 2^3\})$	50282496
12	$\mathcal{O}(1; \{12^3, 6^3, 4^9, 3^2, 2^4\})$	25362432
12	$\mathcal{O}(1; \{12^3, 6^3, 4^9, 3^5\})$	201129984
12	$\mathcal{O}(1; \{12^3, 6^3, 4^{11}, 3^2, 2\})$	101449728
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 2^{17}\})$	48384
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^3, 2^{13}\})$	393984
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^6, 2^9\})$	3144960
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^9, 2^5\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^{12}, 2\})$	201325824
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 2^{14}\})$	193536
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3^3, 2^{10}\})$	1575936
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3^6, 2^6\})$	12579840
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3^9, 2^2\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^4, 4^5, 2^{11}\})$	774144
12	$\mathcal{O}(1; \{12^3, 6^4, 4^5, 3^3, 2^7\})$	6303744
12	$\mathcal{O}(1; \{12^3, 6^4, 4^5, 3^6, 2^3\})$	50319360
12	$\mathcal{O}(1; \{12^3, 6^4, 4^7, 2^8\})$	3096576
12	$\mathcal{O}(1; \{12^3, 6^4, 4^7, 3^3, 2^4\})$	25214976
12	$\mathcal{O}(1; \{12^3, 6^4, 4^7, 3^6\})$	201277440
12	$\mathcal{O}(1; \{12^3, 6^4, 4^9, 2^5\})$	12386304
12	$\mathcal{O}(1; \{12^3, 6^4, 4^9, 3^3, 2\})$	100859904
12	$\mathcal{O}(1; \{12^3, 6^4, 4^{11}, 2^2\})$	49545216
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3, 2^{14}\})$	195840
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^4, 2^{10}\})$	1573632
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^7, 2^6\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^{10}, 2^2\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 3, 2^{11}\})$	783360
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 3^4, 2^7\})$	6294528
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 3^7, 2^3\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6^5, 4^5, 3, 2^8\})$	3133440
12	$\mathcal{O}(1; \{12^3, 6^5, 4^5, 3^4, 2^4\})$	25178112
12	$\mathcal{O}(1; \{12^3, 6^5, 4^5, 3^7\})$	201314304
12	$\mathcal{O}(1; \{12^3, 6^5, 4^7, 3, 2^5\})$	12533760
12	$\mathcal{O}(1; \{12^3, 6^5, 4^7, 3^4, 2\})$	100712448
12	$\mathcal{O}(1; \{12^3, 6^5, 4^9, 3, 2^2\})$	50135040
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3^2, 2^{11}\})$	785664
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3^5, 2^7\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3^8, 2^3\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^6, 4^3, 3^2, 2^8\})$	3142656

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 6^6, 4^3, 3^5, 2^4\})$	25168896
12	$\mathcal{O}(1; \{12^3, 6^6, 4^3, 3^8\})$	201323520
12	$\mathcal{O}(1; \{12^3, 6^6, 4^5, 3^2, 2^5\})$	12570624
12	$\mathcal{O}(1; \{12^3, 6^6, 4^5, 3^5, 2\})$	100675584
12	$\mathcal{O}(1; \{12^3, 6^6, 4^7, 3^2, 2^2\})$	50282496
12	$\mathcal{O}(1; \{12^3, 6^7, 4, 2^{12}\})$	393984
12	$\mathcal{O}(1; \{12^3, 6^7, 4, 3^3, 2^8\})$	3144960
12	$\mathcal{O}(1; \{12^3, 6^7, 4, 3^6, 2^4\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^7, 4, 3^9\})$	201325824
12	$\mathcal{O}(1; \{12^3, 6^7, 4^3, 2^9\})$	1575936
12	$\mathcal{O}(1; \{12^3, 6^7, 4^3, 3^3, 2^5\})$	12579840
12	$\mathcal{O}(1; \{12^3, 6^7, 4^3, 3^6, 2\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^7, 4^5, 2^6\})$	6303744
12	$\mathcal{O}(1; \{12^3, 6^7, 4^5, 3^3, 2^2\})$	50319360
12	$\mathcal{O}(1; \{12^3, 6^7, 4^7, 2^3\})$	25214976
12	$\mathcal{O}(1; \{12^3, 6^7, 4^9\})$	100859904
12	$\mathcal{O}(1; \{12^3, 6^8, 4, 3, 2^9\})$	1573632
12	$\mathcal{O}(1; \{12^3, 6^8, 4, 3^4, 2^5\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6^8, 4, 3^7, 2\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^8, 4^3, 3, 2^6\})$	6294528
12	$\mathcal{O}(1; \{12^3, 6^8, 4^3, 3^4, 2^2\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6^8, 4^5, 3, 2^3\})$	25178112
12	$\mathcal{O}(1; \{12^3, 6^8, 4^7, 3\})$	100712448
12	$\mathcal{O}(1; \{12^3, 6^9, 4, 3^2, 2^6\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6^9, 4, 3^5, 2^2\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^9, 4^3, 3^2, 2^3\})$	25168896
12	$\mathcal{O}(1; \{12^3, 6^9, 4^5, 3^2\})$	100675584
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4, 2^7\})$	3144960
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4, 3^3, 2^3\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4^3, 2^4\})$	12579840
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4^3, 3^3\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4^5, 2\})$	50319360
12	$\mathcal{O}(1; \{12^3, 6^{11}, 4, 3, 2^4\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6^{11}, 4, 3^4\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^{11}, 4^3, 3, 2\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6^{12}, 4, 3^2, 2\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^{13}, 4, 2^2\})$	25166592
12	$\mathcal{O}(1; \{12^4, 3, 2^{22}\})$	11520
12	$\mathcal{O}(1; \{12^4, 3^4, 2^{18}\})$	99072
12	$\mathcal{O}(1; \{12^4, 3^7, 2^{14}\})$	785664
12	$\mathcal{O}(1; \{12^4, 3^{10}, 2^{10}\})$	6292224
12	$\mathcal{O}(1; \{12^4, 3^{13}, 2^6\})$	50330880
12	$\mathcal{O}(1; \{12^4, 3^{16}, 2^2\})$	402653952

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 4^2, 3, 2^{19}\})$	46080
12	$\mathcal{O}(1; \{12^4, 4^2, 3^4, 2^{15}\})$	396288
12	$\mathcal{O}(1; \{12^4, 4^2, 3^7, 2^{11}\})$	3142656
12	$\mathcal{O}(1; \{12^4, 4^2, 3^{10}, 2^7\})$	25168896
12	$\mathcal{O}(1; \{12^4, 4^2, 3^{13}, 2^3\})$	201323520
12	$\mathcal{O}(1; \{12^4, 4^4, 3, 2^{16}\})$	184320
12	$\mathcal{O}(1; \{12^4, 4^4, 3^4, 2^{12}\})$	1585152
12	$\mathcal{O}(1; \{12^4, 4^4, 3^7, 2^8\})$	12570624
12	$\mathcal{O}(1; \{12^4, 4^4, 3^{10}, 2^4\})$	100675584
12	$\mathcal{O}(1; \{12^4, 4^4, 3^{13}\})$	805294080
12	$\mathcal{O}(1; \{12^4, 4^6, 3, 2^{13}\})$	737280
12	$\mathcal{O}(1; \{12^4, 4^6, 3^4, 2^9\})$	6340608
12	$\mathcal{O}(1; \{12^4, 4^6, 3^7, 2^5\})$	50282496
12	$\mathcal{O}(1; \{12^4, 4^6, 3^{10}, 2\})$	402702336
12	$\mathcal{O}(1; \{12^4, 4^8, 3, 2^{10}\})$	2949120
12	$\mathcal{O}(1; \{12^4, 4^8, 3^4, 2^6\})$	25362432
12	$\mathcal{O}(1; \{12^4, 4^8, 3^7, 2^2\})$	201129984
12	$\mathcal{O}(1; \{12^4, 4^{10}, 3, 2^7\})$	11796480
12	$\mathcal{O}(1; \{12^4, 4^{10}, 3^4, 2^3\})$	101449728
12	$\mathcal{O}(1; \{12^4, 4^{12}, 3, 2^4\})$	47185920
12	$\mathcal{O}(1; \{12^4, 4^{12}, 3^4\})$	405798912
12	$\mathcal{O}(1; \{12^4, 4^{14}, 3, 2\})$	188743680
12	$\mathcal{O}(1; \{12^4, 6, 3^2, 2^{19}\})$	48384
12	$\mathcal{O}(1; \{12^4, 6, 3^5, 2^{15}\})$	393984
12	$\mathcal{O}(1; \{12^4, 6, 3^8, 2^{11}\})$	3144960
12	$\mathcal{O}(1; \{12^4, 6, 3^{11}, 2^7\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6, 3^{14}, 2^3\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^2, 2^{16}\})$	193536
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^5, 2^{12}\})$	1575936
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^8, 2^8\})$	12579840
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^{11}, 2^4\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^{14}\})$	805303296
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^2, 2^{13}\})$	774144
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^5, 2^9\})$	6303744
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^8, 2^5\})$	50319360
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^{11}, 2\})$	402665472
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 3^2, 2^{10}\})$	3096576
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 3^5, 2^6\})$	25214976
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 3^8, 2^2\})$	201277440
12	$\mathcal{O}(1; \{12^4, 6, 4^8, 3^2, 2^7\})$	12386304
12	$\mathcal{O}(1; \{12^4, 6, 4^8, 3^5, 2^3\})$	100859904
12	$\mathcal{O}(1; \{12^4, 6, 4^{10}, 3^2, 2^4\})$	49545216
12	$\mathcal{O}(1; \{12^4, 6, 4^{10}, 3^5\})$	403439616

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 6, 4^{12}, 3^2, 2\})$	198180864
12	$\mathcal{O}(1; \{12^4, 6^2, 2^{20}\})$	25344
12	$\mathcal{O}(1; \{12^4, 6^2, 3^3, 2^{16}\})$	195840
12	$\mathcal{O}(1; \{12^4, 6^2, 3^6, 2^{12}\})$	1573632
12	$\mathcal{O}(1; \{12^4, 6^2, 3^9, 2^8\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6^2, 3^{12}, 2^4\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^2, 3^{15}\})$	805305600
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 2^{17}\})$	101376
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^3, 2^{13}\})$	783360
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^6, 2^9\})$	6294528
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^9, 2^5\})$	50328576
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^{12}, 2\})$	402656256
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 2^{14}\})$	405504
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3^3, 2^{10}\})$	3133440
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3^6, 2^6\})$	25178112
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3^9, 2^2\})$	201314304
12	$\mathcal{O}(1; \{12^4, 6^2, 4^6, 2^{11}\})$	1622016
12	$\mathcal{O}(1; \{12^4, 6^2, 4^6, 3^3, 2^7\})$	12533760
12	$\mathcal{O}(1; \{12^4, 6^2, 4^6, 3^6, 2^3\})$	100712448
12	$\mathcal{O}(1; \{12^4, 6^2, 4^8, 2^8\})$	6488064
12	$\mathcal{O}(1; \{12^4, 6^2, 4^8, 3^3, 2^4\})$	50135040
12	$\mathcal{O}(1; \{12^4, 6^2, 4^8, 3^6\})$	402849792
12	$\mathcal{O}(1; \{12^4, 6^2, 4^{10}, 2^5\})$	25952256
12	$\mathcal{O}(1; \{12^4, 6^2, 4^{10}, 3^3, 2\})$	200540160
12	$\mathcal{O}(1; \{12^4, 6^2, 4^{12}, 2^2\})$	103809024
12	$\mathcal{O}(1; \{12^4, 6^3, 3, 2^{17}\})$	99072
12	$\mathcal{O}(1; \{12^4, 6^3, 3^4, 2^{13}\})$	785664
12	$\mathcal{O}(1; \{12^4, 6^3, 3^7, 2^9\})$	6292224
12	$\mathcal{O}(1; \{12^4, 6^3, 3^{10}, 2^5\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^3, 3^{13}, 2\})$	402653952
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3, 2^{14}\})$	396288
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^4, 2^{10}\})$	3142656
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^7, 2^6\})$	25168896
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^{10}, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 3, 2^{11}\})$	1585152
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 3^4, 2^7\})$	12570624
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 3^7, 2^3\})$	100675584
12	$\mathcal{O}(1; \{12^4, 6^3, 4^6, 3, 2^8\})$	6340608
12	$\mathcal{O}(1; \{12^4, 6^3, 4^6, 3^4, 2^4\})$	50282496
12	$\mathcal{O}(1; \{12^4, 6^3, 4^6, 3^7\})$	402702336
12	$\mathcal{O}(1; \{12^4, 6^3, 4^8, 3, 2^5\})$	25362432
12	$\mathcal{O}(1; \{12^4, 6^3, 4^8, 3^4, 2\})$	201129984
12	$\mathcal{O}(1; \{12^4, 6^3, 4^{10}, 3, 2^2\})$	101449728

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 6^4, 3^2, 2^{14}\})$	393984
12	$\mathcal{O}(1; \{12^4, 6^4, 3^5, 2^{10}\})$	3144960
12	$\mathcal{O}(1; \{12^4, 6^4, 3^8, 2^6\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^4, 3^{11}, 2^2\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3^2, 2^{11}\})$	1575936
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3^5, 2^7\})$	12579840
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3^8, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^4, 4^4, 3^2, 2^8\})$	6303744
12	$\mathcal{O}(1; \{12^4, 6^4, 4^4, 3^5, 2^4\})$	50319360
12	$\mathcal{O}(1; \{12^4, 6^4, 4^4, 3^8\})$	402665472
12	$\mathcal{O}(1; \{12^4, 6^4, 4^6, 3^2, 2^5\})$	25214976
12	$\mathcal{O}(1; \{12^4, 6^4, 4^6, 3^5, 2\})$	201277440
12	$\mathcal{O}(1; \{12^4, 6^4, 4^8, 3^2, 2^2\})$	100859904
12	$\mathcal{O}(1; \{12^4, 6^5, 2^{15}\})$	195840
12	$\mathcal{O}(1; \{12^4, 6^5, 3^3, 2^{11}\})$	1573632
12	$\mathcal{O}(1; \{12^4, 6^5, 3^6, 2^7\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6^5, 3^9, 2^3\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^5, 4^2, 2^{12}\})$	783360
12	$\mathcal{O}(1; \{12^4, 6^5, 4^2, 3^3, 2^8\})$	6294528
12	$\mathcal{O}(1; \{12^4, 6^5, 4^2, 3^6, 2^4\})$	50328576
12	$\mathcal{O}(1; \{12^4, 6^5, 4^2, 3^9\})$	402656256
12	$\mathcal{O}(1; \{12^4, 6^5, 4^4, 2^9\})$	3133440
12	$\mathcal{O}(1; \{12^4, 6^5, 4^4, 3^3, 2^5\})$	25178112
12	$\mathcal{O}(1; \{12^4, 6^5, 4^4, 3^6, 2\})$	201314304
12	$\mathcal{O}(1; \{12^4, 6^5, 4^6, 2^6\})$	12533760
12	$\mathcal{O}(1; \{12^4, 6^5, 4^6, 3^3, 2^2\})$	100712448
12	$\mathcal{O}(1; \{12^4, 6^5, 4^8, 2^3\})$	50135040
12	$\mathcal{O}(1; \{12^4, 6^5, 4^{10}\})$	200540160
12	$\mathcal{O}(1; \{12^4, 6^6, 3, 2^{12}\})$	785664
12	$\mathcal{O}(1; \{12^4, 6^6, 3^4, 2^8\})$	6292224
12	$\mathcal{O}(1; \{12^4, 6^6, 3^7, 2^4\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^6, 3^{10}\})$	402653952
12	$\mathcal{O}(1; \{12^4, 6^6, 4^2, 3, 2^9\})$	3142656
12	$\mathcal{O}(1; \{12^4, 6^6, 4^2, 3^4, 2^5\})$	25168896
12	$\mathcal{O}(1; \{12^4, 6^6, 4^2, 3^7, 2\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6^6, 4^4, 3, 2^6\})$	12570624
12	$\mathcal{O}(1; \{12^4, 6^6, 4^4, 3^4, 2^2\})$	100675584
12	$\mathcal{O}(1; \{12^4, 6^6, 4^6, 3, 2^3\})$	50282496
12	$\mathcal{O}(1; \{12^4, 6^6, 4^8, 3\})$	201129984
12	$\mathcal{O}(1; \{12^4, 6^7, 3^2, 2^9\})$	3144960
12	$\mathcal{O}(1; \{12^4, 6^7, 3^5, 2^5\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^7, 3^8, 2\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6^7, 4^2, 3^2, 2^6\})$	12579840

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 6^7, 4^2, 3^5, 2^2\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^7, 4^4, 3^2, 2^3\})$	50319360
12	$\mathcal{O}(1; \{12^4, 6^7, 4^6, 3^2\})$	201277440
12	$\mathcal{O}(1; \{12^4, 6^8, 2^{10}\})$	1573632
12	$\mathcal{O}(1; \{12^4, 6^8, 3^3, 2^6\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6^8, 3^6, 2^2\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^8, 4^2, 2^7\})$	6294528
12	$\mathcal{O}(1; \{12^4, 6^8, 4^2, 3^3, 2^3\})$	50328576
12	$\mathcal{O}(1; \{12^4, 6^8, 4^4, 2^4\})$	25178112
12	$\mathcal{O}(1; \{12^4, 6^8, 4^4, 3^3\})$	201314304
12	$\mathcal{O}(1; \{12^4, 6^8, 4^6, 2\})$	100712448
12	$\mathcal{O}(1; \{12^4, 6^9, 3, 2^7\})$	6292224
12	$\mathcal{O}(1; \{12^4, 6^9, 3^4, 2^3\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^9, 4^2, 3, 2^4\})$	25168896
12	$\mathcal{O}(1; \{12^4, 6^9, 4^2, 3^4\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6^9, 4^4, 3, 2\})$	100675584
12	$\mathcal{O}(1; \{12^4, 6^{10}, 3^2, 2^4\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^{10}, 3^5\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6^{10}, 4^2, 3^2, 2\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^{11}, 2^5\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6^{11}, 3^3, 2\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^{11}, 4^2, 2^2\})$	50328576
12	$\mathcal{O}(1; \{12^4, 6^{12}, 3, 2^2\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^{14}\})$	100664064
12	$\mathcal{O}(1; \{12^5, 4, 2^{20}\})$	46080
12	$\mathcal{O}(1; \{12^5, 4, 3^3, 2^{16}\})$	396288
12	$\mathcal{O}(1; \{12^5, 4, 3^6, 2^{12}\})$	3142656
12	$\mathcal{O}(1; \{12^5, 4, 3^9, 2^8\})$	25168896
12	$\mathcal{O}(1; \{12^5, 4, 3^{12}, 2^4\})$	201323520
12	$\mathcal{O}(1; \{12^5, 4, 3^{15}\})$	1610615808
12	$\mathcal{O}(1; \{12^5, 4^3, 2^{17}\})$	184320
12	$\mathcal{O}(1; \{12^5, 4^3, 3^3, 2^{13}\})$	1585152
12	$\mathcal{O}(1; \{12^5, 4^3, 3^6, 2^9\})$	12570624
12	$\mathcal{O}(1; \{12^5, 4^3, 3^9, 2^5\})$	100675584
12	$\mathcal{O}(1; \{12^5, 4^3, 3^{12}, 2\})$	805294080
12	$\mathcal{O}(1; \{12^5, 4^5, 2^{14}\})$	737280
12	$\mathcal{O}(1; \{12^5, 4^5, 3^3, 2^{10}\})$	6340608
12	$\mathcal{O}(1; \{12^5, 4^5, 3^6, 2^6\})$	50282496
12	$\mathcal{O}(1; \{12^5, 4^5, 3^9, 2^2\})$	402702336
12	$\mathcal{O}(1; \{12^5, 4^7, 2^{11}\})$	2949120
12	$\mathcal{O}(1; \{12^5, 4^7, 3^3, 2^7\})$	25362432
12	$\mathcal{O}(1; \{12^5, 4^7, 3^6, 2^3\})$	201129984
12	$\mathcal{O}(1; \{12^5, 4^9, 2^8\})$	11796480

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^5, 4^9, 3^3, 2^4\})$	101449728
12	$\mathcal{O}(1; \{12^5, 4^9, 3^6\})$	804519936
12	$\mathcal{O}(1; \{12^5, 4^{11}, 2^5\})$	47185920
12	$\mathcal{O}(1; \{12^5, 4^{11}, 3^3, 2\})$	405798912
12	$\mathcal{O}(1; \{12^5, 4^{13}, 2^2\})$	188743680
12	$\mathcal{O}(1; \{12^5, 6, 4, 3, 2^{17}\})$	193536
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^4, 2^{13}\})$	1575936
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^7, 2^9\})$	12579840
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^{10}, 2^5\})$	100666368
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^{13}, 2\})$	805303296
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3, 2^{14}\})$	774144
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^4, 2^{10}\})$	6303744
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^7, 2^6\})$	50319360
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^{10}, 2^2\})$	402665472
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 3, 2^{11}\})$	3096576
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 3^4, 2^7\})$	25214976
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 3^7, 2^3\})$	201277440
12	$\mathcal{O}(1; \{12^5, 6, 4^7, 3, 2^8\})$	12386304
12	$\mathcal{O}(1; \{12^5, 6, 4^7, 3^4, 2^4\})$	100859904
12	$\mathcal{O}(1; \{12^5, 6, 4^7, 3^7\})$	805109760
12	$\mathcal{O}(1; \{12^5, 6, 4^9, 3, 2^5\})$	49545216
12	$\mathcal{O}(1; \{12^5, 6, 4^9, 3^4, 2\})$	403439616
12	$\mathcal{O}(1; \{12^5, 6, 4^{11}, 3, 2^2\})$	198180864
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^2, 2^{14}\})$	783360
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^5, 2^{10}\})$	6294528
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^8, 2^6\})$	50328576
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^{11}, 2^2\})$	402656256
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3^2, 2^{11}\})$	3133440
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3^5, 2^7\})$	25178112
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3^8, 2^3\})$	201314304
12	$\mathcal{O}(1; \{12^5, 6^2, 4^5, 3^2, 2^8\})$	12533760
12	$\mathcal{O}(1; \{12^5, 6^2, 4^5, 3^5, 2^4\})$	100712448
12	$\mathcal{O}(1; \{12^5, 6^2, 4^5, 3^8\})$	805257216
12	$\mathcal{O}(1; \{12^5, 6^2, 4^7, 3^2, 2^5\})$	50135040
12	$\mathcal{O}(1; \{12^5, 6^2, 4^7, 3^5, 2\})$	402849792
12	$\mathcal{O}(1; \{12^5, 6^2, 4^9, 3^2, 2^2\})$	200540160
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 2^{15}\})$	396288
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^3, 2^{11}\})$	3142656
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^6, 2^7\})$	25168896
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^9, 2^3\})$	201323520
12	$\mathcal{O}(1; \{12^5, 6^3, 4^3, 2^{12}\})$	1585152
12	$\mathcal{O}(1; \{12^5, 6^3, 4^3, 3^3, 2^8\})$	12570624
12	$\mathcal{O}(1; \{12^5, 6^3, 4^3, 3^6, 2^4\})$	100675584

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^5, 6^3, 4^3, 3^9\})$	805294080
12	$\mathcal{O}(1; \{12^5, 6^3, 4^5, 2^9\})$	6340608
12	$\mathcal{O}(1; \{12^5, 6^3, 4^5, 3^3, 2^5\})$	50282496
12	$\mathcal{O}(1; \{12^5, 6^3, 4^5, 3^6, 2\})$	402702336
12	$\mathcal{O}(1; \{12^5, 6^3, 4^7, 2^6\})$	25362432
12	$\mathcal{O}(1; \{12^5, 6^3, 4^7, 3^3, 2^2\})$	201129984
12	$\mathcal{O}(1; \{12^5, 6^3, 4^9, 2^3\})$	101449728
12	$\mathcal{O}(1; \{12^5, 6^3, 4^{11}\})$	405798912
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 3, 2^{12}\})$	1575936
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 3^4, 2^8\})$	12579840
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 3^7, 2^4\})$	100666368
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 3^{10}\})$	805303296
12	$\mathcal{O}(1; \{12^5, 6^4, 4^3, 3, 2^9\})$	6303744
12	$\mathcal{O}(1; \{12^5, 6^4, 4^3, 3^4, 2^5\})$	50319360
12	$\mathcal{O}(1; \{12^5, 6^4, 4^3, 3^7, 2\})$	402665472
12	$\mathcal{O}(1; \{12^5, 6^4, 4^5, 3, 2^6\})$	25214976
12	$\mathcal{O}(1; \{12^5, 6^4, 4^5, 3^4, 2^2\})$	201277440
12	$\mathcal{O}(1; \{12^5, 6^4, 4^7, 3, 2^3\})$	100859904
12	$\mathcal{O}(1; \{12^5, 6^4, 4^9, 3\})$	403439616
12	$\mathcal{O}(1; \{12^5, 6^5, 4, 3^2, 2^9\})$	6294528
12	$\mathcal{O}(1; \{12^5, 6^5, 4, 3^5, 2^5\})$	50328576
12	$\mathcal{O}(1; \{12^5, 6^5, 4, 3^8, 2\})$	402656256
12	$\mathcal{O}(1; \{12^5, 6^5, 4^3, 3^2, 2^6\})$	25178112
12	$\mathcal{O}(1; \{12^5, 6^5, 4^3, 3^5, 2^2\})$	201314304
12	$\mathcal{O}(1; \{12^5, 6^5, 4^5, 3^2, 2^3\})$	100712448
12	$\mathcal{O}(1; \{12^5, 6^5, 4^7, 3^2\})$	402849792
12	$\mathcal{O}(1; \{12^5, 6^6, 4, 2^{10}\})$	3142656
12	$\mathcal{O}(1; \{12^5, 6^6, 4, 3^3, 2^6\})$	25168896
12	$\mathcal{O}(1; \{12^5, 6^6, 4, 3^6, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12^5, 6^6, 4^3, 2^7\})$	12570624
12	$\mathcal{O}(1; \{12^5, 6^6, 4^3, 3^3, 2^3\})$	100675584
12	$\mathcal{O}(1; \{12^5, 6^6, 4^5, 2^4\})$	50282496
12	$\mathcal{O}(1; \{12^5, 6^6, 4^5, 3^3\})$	402702336
12	$\mathcal{O}(1; \{12^5, 6^6, 4^7, 2\})$	201129984
12	$\mathcal{O}(1; \{12^5, 6^7, 4, 3, 2^7\})$	12579840
12	$\mathcal{O}(1; \{12^5, 6^7, 4, 3^4, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12^5, 6^7, 4^3, 3, 2^4\})$	50319360
12	$\mathcal{O}(1; \{12^5, 6^7, 4^3, 3^4\})$	402665472
12	$\mathcal{O}(1; \{12^5, 6^7, 4^5, 3, 2\})$	201277440
12	$\mathcal{O}(1; \{12^5, 6^8, 4, 3^2, 2^4\})$	50328576
12	$\mathcal{O}(1; \{12^5, 6^8, 4, 3^5\})$	402656256
12	$\mathcal{O}(1; \{12^5, 6^8, 4^3, 3^2, 2\})$	201314304
12	$\mathcal{O}(1; \{12^5, 6^9, 4, 2^5\})$	25168896

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^5, 6^9, 4, 3^3, 2\})$	201323520
12	$\mathcal{O}(1; \{12^5, 6^9, 4^3, 2^2\})$	100675584
12	$\mathcal{O}(1; \{12^5, 6^{10}, 4, 3, 2^2\})$	100666368
12	$\mathcal{O}(1; \{12^5, 6^{12}, 4\})$	201323520
12	$\mathcal{O}(1; \{12^6, 3^2, 2^{17}\})$	396288
12	$\mathcal{O}(1; \{12^6, 3^5, 2^{13}\})$	3142656
12	$\mathcal{O}(1; \{12^6, 3^8, 2^9\})$	25168896
12	$\mathcal{O}(1; \{12^6, 3^{11}, 2^5\})$	201323520
12	$\mathcal{O}(1; \{12^6, 3^{14}, 2\})$	1610615808
12	$\mathcal{O}(1; \{12^6, 4^2, 3^2, 2^{14}\})$	1585152
12	$\mathcal{O}(1; \{12^6, 4^2, 3^5, 2^{10}\})$	12570624
12	$\mathcal{O}(1; \{12^6, 4^2, 3^8, 2^6\})$	100675584
12	$\mathcal{O}(1; \{12^6, 4^2, 3^{11}, 2^2\})$	805294080
12	$\mathcal{O}(1; \{12^6, 4^4, 3^2, 2^{11}\})$	6340608
12	$\mathcal{O}(1; \{12^6, 4^4, 3^5, 2^7\})$	50282496
12	$\mathcal{O}(1; \{12^6, 4^4, 3^8, 2^3\})$	402702336
12	$\mathcal{O}(1; \{12^6, 4^6, 3^2, 2^8\})$	25362432
12	$\mathcal{O}(1; \{12^6, 4^6, 3^5, 2^4\})$	201129984
12	$\mathcal{O}(1; \{12^6, 4^6, 3^8\})$	1610809344
12	$\mathcal{O}(1; \{12^6, 4^8, 3^2, 2^5\})$	101449728
12	$\mathcal{O}(1; \{12^6, 4^8, 3^5, 2\})$	804519936
12	$\mathcal{O}(1; \{12^6, 4^{10}, 3^2, 2^2\})$	405798912
12	$\mathcal{O}(1; \{12^6, 6, 2^{18}\})$	193536
12	$\mathcal{O}(1; \{12^6, 6, 3^3, 2^{14}\})$	1575936
12	$\mathcal{O}(1; \{12^6, 6, 3^6, 2^{10}\})$	12579840
12	$\mathcal{O}(1; \{12^6, 6, 3^9, 2^6\})$	100666368
12	$\mathcal{O}(1; \{12^6, 6, 3^{12}, 2^2\})$	805303296
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 2^{15}\})$	774144
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^3, 2^{11}\})$	6303744
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^6, 2^7\})$	50319360
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^9, 2^3\})$	402665472
12	$\mathcal{O}(1; \{12^6, 6, 4^4, 2^{12}\})$	3096576
12	$\mathcal{O}(1; \{12^6, 6, 4^4, 3^3, 2^8\})$	25214976
12	$\mathcal{O}(1; \{12^6, 6, 4^4, 3^6, 2^4\})$	201277440
12	$\mathcal{O}(1; \{12^6, 6, 4^4, 3^9\})$	1610661888
12	$\mathcal{O}(1; \{12^6, 6, 4^6, 2^9\})$	12386304
12	$\mathcal{O}(1; \{12^6, 6, 4^6, 3^3, 2^5\})$	100859904
12	$\mathcal{O}(1; \{12^6, 6, 4^6, 3^6, 2\})$	805109760
12	$\mathcal{O}(1; \{12^6, 6, 4^8, 2^6\})$	49545216
12	$\mathcal{O}(1; \{12^6, 6, 4^8, 3^3, 2^2\})$	403439616
12	$\mathcal{O}(1; \{12^6, 6, 4^{10}, 2^3\})$	198180864
12	$\mathcal{O}(1; \{12^6, 6, 4^{12}\})$	792723456
12	$\mathcal{O}(1; \{12^6, 6^2, 3, 2^{15}\})$	783360

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^6, 6^2, 3^4, 2^{11}\})$	6294528
12	$\mathcal{O}(1; \{12^6, 6^2, 3^7, 2^7\})$	50328576
12	$\mathcal{O}(1; \{12^6, 6^2, 3^{10}, 2^3\})$	402656256
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 3, 2^{12}\})$	3133440
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 3^4, 2^8\})$	25178112
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 3^7, 2^4\})$	201314304
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 3^{10}\})$	1610625024
12	$\mathcal{O}(1; \{12^6, 6^2, 4^4, 3, 2^9\})$	12533760
12	$\mathcal{O}(1; \{12^6, 6^2, 4^4, 3^4, 2^5\})$	100712448
12	$\mathcal{O}(1; \{12^6, 6^2, 4^4, 3^7, 2\})$	805257216
12	$\mathcal{O}(1; \{12^6, 6^2, 4^6, 3, 2^6\})$	50135040
12	$\mathcal{O}(1; \{12^6, 6^2, 4^6, 3^4, 2^2\})$	402849792
12	$\mathcal{O}(1; \{12^6, 6^2, 4^8, 3, 2^3\})$	200540160
12	$\mathcal{O}(1; \{12^6, 6^2, 4^{10}, 3\})$	802160640
12	$\mathcal{O}(1; \{12^6, 6^3, 3^2, 2^{12}\})$	3142656
12	$\mathcal{O}(1; \{12^6, 6^3, 3^5, 2^8\})$	25168896
12	$\mathcal{O}(1; \{12^6, 6^3, 3^8, 2^4\})$	201323520
12	$\mathcal{O}(1; \{12^6, 6^3, 3^{11}\})$	1610615808
12	$\mathcal{O}(1; \{12^6, 6^3, 4^2, 3^2, 2^9\})$	12570624
12	$\mathcal{O}(1; \{12^6, 6^3, 4^2, 3^5, 2^5\})$	100675584
12	$\mathcal{O}(1; \{12^6, 6^3, 4^2, 3^8, 2\})$	805294080
12	$\mathcal{O}(1; \{12^6, 6^3, 4^4, 3^2, 2^6\})$	50282496
12	$\mathcal{O}(1; \{12^6, 6^3, 4^4, 3^5, 2^2\})$	402702336
12	$\mathcal{O}(1; \{12^6, 6^3, 4^6, 3^2, 2^3\})$	201129984
12	$\mathcal{O}(1; \{12^6, 6^3, 4^8, 3^2\})$	804519936
12	$\mathcal{O}(1; \{12^6, 6^4, 2^{13}\})$	1575936
12	$\mathcal{O}(1; \{12^6, 6^4, 3^3, 2^9\})$	12579840
12	$\mathcal{O}(1; \{12^6, 6^4, 3^6, 2^5\})$	100666368
12	$\mathcal{O}(1; \{12^6, 6^4, 3^9, 2\})$	805303296
12	$\mathcal{O}(1; \{12^6, 6^4, 4^2, 2^{10}\})$	6303744
12	$\mathcal{O}(1; \{12^6, 6^4, 4^2, 3^3, 2^6\})$	50319360
12	$\mathcal{O}(1; \{12^6, 6^4, 4^2, 3^6, 2^2\})$	402665472
12	$\mathcal{O}(1; \{12^6, 6^4, 4^4, 2^7\})$	25214976
12	$\mathcal{O}(1; \{12^6, 6^4, 4^4, 3^3, 2^3\})$	201277440
12	$\mathcal{O}(1; \{12^6, 6^4, 4^6, 2^4\})$	100859904
12	$\mathcal{O}(1; \{12^6, 6^4, 4^6, 3^3\})$	805109760
12	$\mathcal{O}(1; \{12^6, 6^4, 4^8, 2\})$	403439616
12	$\mathcal{O}(1; \{12^6, 6^5, 3, 2^{10}\})$	6294528
12	$\mathcal{O}(1; \{12^6, 6^5, 3^4, 2^6\})$	50328576
12	$\mathcal{O}(1; \{12^6, 6^5, 3^7, 2^2\})$	402656256
12	$\mathcal{O}(1; \{12^6, 6^5, 4^2, 3, 2^7\})$	25178112
12	$\mathcal{O}(1; \{12^6, 6^5, 4^2, 3^4, 2^3\})$	201314304
12	$\mathcal{O}(1; \{12^6, 6^5, 4^4, 3, 2^4\})$	100712448

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^6, 6^5, 4^4, 3^4\})$	805257216
12	$\mathcal{O}(1; \{12^6, 6^5, 4^6, 3, 2\})$	402849792
12	$\mathcal{O}(1; \{12^6, 6^6, 3^2, 2^7\})$	25168896
12	$\mathcal{O}(1; \{12^6, 6^6, 3^5, 2^3\})$	201323520
12	$\mathcal{O}(1; \{12^6, 6^6, 4^2, 3^2, 2^4\})$	100675584
12	$\mathcal{O}(1; \{12^6, 6^6, 4^2, 3^5\})$	805294080
12	$\mathcal{O}(1; \{12^6, 6^6, 4^4, 3^2, 2\})$	402702336
12	$\mathcal{O}(1; \{12^6, 6^7, 2^8\})$	12579840
12	$\mathcal{O}(1; \{12^6, 6^7, 3^3, 2^4\})$	100666368
12	$\mathcal{O}(1; \{12^6, 6^7, 3^6\})$	805303296
12	$\mathcal{O}(1; \{12^6, 6^7, 4^2, 2^5\})$	50319360
12	$\mathcal{O}(1; \{12^6, 6^7, 4^2, 3^3, 2\})$	402665472
12	$\mathcal{O}(1; \{12^6, 6^7, 4^4, 2^2\})$	201277440
12	$\mathcal{O}(1; \{12^6, 6^8, 3, 2^5\})$	50328576
12	$\mathcal{O}(1; \{12^6, 6^8, 3^4, 2\})$	402656256
12	$\mathcal{O}(1; \{12^6, 6^8, 4^2, 3, 2^2\})$	201314304
12	$\mathcal{O}(1; \{12^6, 6^9, 3^2, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12^6, 6^{10}, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12^6, 6^{10}, 4^2\})$	402665472
12	$\mathcal{O}(1; \{12^6, 6^{11}, 3\})$	402656256
12	$\mathcal{O}(1; \{12^7, 4, 3, 2^{15}\})$	1585152
12	$\mathcal{O}(1; \{12^7, 4, 3^4, 2^{11}\})$	12570624
12	$\mathcal{O}(1; \{12^7, 4, 3^7, 2^7\})$	100675584
12	$\mathcal{O}(1; \{12^7, 4, 3^{10}, 2^3\})$	805294080
12	$\mathcal{O}(1; \{12^7, 4^3, 3, 2^{12}\})$	6340608
12	$\mathcal{O}(1; \{12^7, 4^3, 3^4, 2^8\})$	50282496
12	$\mathcal{O}(1; \{12^7, 4^3, 3^7, 2^4\})$	402702336
12	$\mathcal{O}(1; \{12^7, 4^3, 3^{10}\})$	3221176320
12	$\mathcal{O}(1; \{12^7, 4^5, 3, 2^9\})$	25362432
12	$\mathcal{O}(1; \{12^7, 4^5, 3^4, 2^5\})$	201129984
12	$\mathcal{O}(1; \{12^7, 4^5, 3^7, 2\})$	1610809344
12	$\mathcal{O}(1; \{12^7, 4^7, 3, 2^6\})$	101449728
12	$\mathcal{O}(1; \{12^7, 4^7, 3^4, 2^2\})$	804519936
12	$\mathcal{O}(1; \{12^7, 4^9, 3, 2^3\})$	405798912
12	$\mathcal{O}(1; \{12^7, 4^{11}, 3\})$	1623195648
12	$\mathcal{O}(1; \{12^7, 6, 4, 3^2, 2^{12}\})$	6303744
12	$\mathcal{O}(1; \{12^7, 6, 4, 3^5, 2^8\})$	50319360
12	$\mathcal{O}(1; \{12^7, 6, 4, 3^8, 2^4\})$	402665472
12	$\mathcal{O}(1; \{12^7, 6, 4, 3^{11}\})$	3221213184
12	$\mathcal{O}(1; \{12^7, 6, 4^3, 3^2, 2^9\})$	25214976
12	$\mathcal{O}(1; \{12^7, 6, 4^3, 3^5, 2^5\})$	201277440
12	$\mathcal{O}(1; \{12^7, 6, 4^3, 3^8, 2\})$	1610661888
12	$\mathcal{O}(1; \{12^7, 6, 4^5, 3^2, 2^6\})$	100859904

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^7, 6, 4^5, 3^5, 2^2\})$	805109760
12	$\mathcal{O}(1; \{12^7, 6, 4^7, 3^2, 2^3\})$	403439616
12	$\mathcal{O}(1; \{12^7, 6, 4^9, 3^2\})$	1613758464
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 2^{13}\})$	3133440
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 3^3, 2^9\})$	25178112
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 3^6, 2^5\})$	201314304
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 3^9, 2\})$	1610625024
12	$\mathcal{O}(1; \{12^7, 6^2, 4^3, 2^{10}\})$	12533760
12	$\mathcal{O}(1; \{12^7, 6^2, 4^3, 3^3, 2^6\})$	100712448
12	$\mathcal{O}(1; \{12^7, 6^2, 4^3, 3^6, 2^2\})$	805257216
12	$\mathcal{O}(1; \{12^7, 6^2, 4^5, 2^7\})$	50135040
12	$\mathcal{O}(1; \{12^7, 6^2, 4^5, 3^3, 2^3\})$	402849792
12	$\mathcal{O}(1; \{12^7, 6^2, 4^7, 2^4\})$	200540160
12	$\mathcal{O}(1; \{12^7, 6^2, 4^7, 3^3\})$	1611399168
12	$\mathcal{O}(1; \{12^7, 6^2, 4^9, 2\})$	802160640
12	$\mathcal{O}(1; \{12^7, 6^3, 4, 3, 2^{10}\})$	12570624
12	$\mathcal{O}(1; \{12^7, 6^3, 4, 3^4, 2^6\})$	100675584
12	$\mathcal{O}(1; \{12^7, 6^3, 4, 3^7, 2^2\})$	805294080
12	$\mathcal{O}(1; \{12^7, 6^3, 4^3, 3, 2^7\})$	50282496
12	$\mathcal{O}(1; \{12^7, 6^3, 4^3, 3^4, 2^3\})$	402702336
12	$\mathcal{O}(1; \{12^7, 6^3, 4^5, 3, 2^4\})$	201129984
12	$\mathcal{O}(1; \{12^7, 6^3, 4^5, 3^4\})$	1610809344
12	$\mathcal{O}(1; \{12^7, 6^3, 4^7, 3, 2\})$	804519936
12	$\mathcal{O}(1; \{12^7, 6^4, 4, 3^2, 2^7\})$	50319360
12	$\mathcal{O}(1; \{12^7, 6^4, 4, 3^5, 2^3\})$	402665472
12	$\mathcal{O}(1; \{12^7, 6^4, 4^3, 3^2, 2^4\})$	201277440
12	$\mathcal{O}(1; \{12^7, 6^4, 4^3, 3^5\})$	1610661888
12	$\mathcal{O}(1; \{12^7, 6^4, 4^5, 3^2, 2\})$	805109760
12	$\mathcal{O}(1; \{12^7, 6^5, 4, 2^8\})$	25178112
12	$\mathcal{O}(1; \{12^7, 6^5, 4, 3^3, 2^4\})$	201314304
12	$\mathcal{O}(1; \{12^7, 6^5, 4, 3^6\})$	1610625024
12	$\mathcal{O}(1; \{12^7, 6^5, 4^3, 2^5\})$	100712448
12	$\mathcal{O}(1; \{12^7, 6^5, 4^3, 3^3, 2\})$	805257216
12	$\mathcal{O}(1; \{12^7, 6^5, 4^5, 2^2\})$	402849792
12	$\mathcal{O}(1; \{12^7, 6^6, 4, 3, 2^5\})$	100675584
12	$\mathcal{O}(1; \{12^7, 6^6, 4, 3^4, 2\})$	805294080
12	$\mathcal{O}(1; \{12^7, 6^6, 4^3, 3, 2^2\})$	402702336
12	$\mathcal{O}(1; \{12^7, 6^7, 4, 3^2, 2^2\})$	402665472
12	$\mathcal{O}(1; \{12^7, 6^8, 4, 2^3\})$	201314304
12	$\mathcal{O}(1; \{12^7, 6^8, 4^3\})$	805257216
12	$\mathcal{O}(1; \{12^7, 6^9, 4, 3\})$	805294080
12	$\mathcal{O}(1; \{12^8, 2^{16}\})$	1585152
12	$\mathcal{O}(1; \{12^8, 3^3, 2^{12}\})$	12570624

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^8, 3^6, 2^8\})$	100675584
12	$\mathcal{O}(1; \{12^8, 3^9, 2^4\})$	805294080
12	$\mathcal{O}(1; \{12^8, 3^{12}\})$	6442463232
12	$\mathcal{O}(1; \{12^8, 4^2, 2^{13}\})$	6340608
12	$\mathcal{O}(1; \{12^8, 4^2, 3^3, 2^9\})$	50282496
12	$\mathcal{O}(1; \{12^8, 4^2, 3^6, 2^5\})$	402702336
12	$\mathcal{O}(1; \{12^8, 4^2, 3^9, 2\})$	3221176320
12	$\mathcal{O}(1; \{12^8, 4^4, 2^{10}\})$	25362432
12	$\mathcal{O}(1; \{12^8, 4^4, 3^3, 2^6\})$	201129984
12	$\mathcal{O}(1; \{12^8, 4^4, 3^6, 2^2\})$	1610809344
12	$\mathcal{O}(1; \{12^8, 4^6, 2^7\})$	101449728
12	$\mathcal{O}(1; \{12^8, 4^6, 3^3, 2^3\})$	804519936
12	$\mathcal{O}(1; \{12^8, 4^8, 2^4\})$	405798912
12	$\mathcal{O}(1; \{12^8, 4^8, 3^3\})$	3218079744
12	$\mathcal{O}(1; \{12^8, 4^{10}, 2\})$	1623195648
12	$\mathcal{O}(1; \{12^8, 6, 3, 2^{13}\})$	6303744
12	$\mathcal{O}(1; \{12^8, 6, 3^4, 2^9\})$	50319360
12	$\mathcal{O}(1; \{12^8, 6, 3^7, 2^5\})$	402665472
12	$\mathcal{O}(1; \{12^8, 6, 3^{10}, 2\})$	3221213184
12	$\mathcal{O}(1; \{12^8, 6, 4^2, 3, 2^{10}\})$	25214976
12	$\mathcal{O}(1; \{12^8, 6, 4^2, 3^4, 2^6\})$	201277440
12	$\mathcal{O}(1; \{12^8, 6, 4^2, 3^7, 2^2\})$	1610661888
12	$\mathcal{O}(1; \{12^8, 6, 4^4, 3, 2^7\})$	100859904
12	$\mathcal{O}(1; \{12^8, 6, 4^4, 3^4, 2^3\})$	805109760
12	$\mathcal{O}(1; \{12^8, 6, 4^6, 3, 2^4\})$	403439616
12	$\mathcal{O}(1; \{12^8, 6, 4^6, 3^4\})$	3220439040
12	$\mathcal{O}(1; \{12^8, 6, 4^8, 3, 2\})$	1613758464
12	$\mathcal{O}(1; \{12^8, 6^2, 3^2, 2^{10}\})$	25178112
12	$\mathcal{O}(1; \{12^8, 6^2, 3^5, 2^6\})$	201314304
12	$\mathcal{O}(1; \{12^8, 6^2, 3^8, 2^2\})$	1610625024
12	$\mathcal{O}(1; \{12^8, 6^2, 4^2, 3^2, 2^7\})$	100712448
12	$\mathcal{O}(1; \{12^8, 6^2, 4^2, 3^5, 2^3\})$	805257216
12	$\mathcal{O}(1; \{12^8, 6^2, 4^4, 3^2, 2^4\})$	402849792
12	$\mathcal{O}(1; \{12^8, 6^2, 4^4, 3^5\})$	3221028864
12	$\mathcal{O}(1; \{12^8, 6^2, 4^6, 3^2, 2\})$	1611399168
12	$\mathcal{O}(1; \{12^8, 6^3, 2^{11}\})$	12570624
12	$\mathcal{O}(1; \{12^8, 6^3, 3^3, 2^7\})$	100675584
12	$\mathcal{O}(1; \{12^8, 6^3, 3^6, 2^3\})$	805294080
12	$\mathcal{O}(1; \{12^8, 6^3, 4^2, 2^8\})$	50282496
12	$\mathcal{O}(1; \{12^8, 6^3, 4^2, 3^3, 2^4\})$	402702336
12	$\mathcal{O}(1; \{12^8, 6^3, 4^2, 3^6\})$	3221176320
12	$\mathcal{O}(1; \{12^8, 6^3, 4^4, 2^5\})$	201129984
12	$\mathcal{O}(1; \{12^8, 6^3, 4^4, 3^3, 2\})$	1610809344

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^8, 6^3, 4^6, 2^2\})$	804519936
12	$\mathcal{O}(1; \{12^8, 6^4, 3, 2^8\})$	50319360
12	$\mathcal{O}(1; \{12^8, 6^4, 3^4, 2^4\})$	402665472
12	$\mathcal{O}(1; \{12^8, 6^4, 3^7\})$	3221213184
12	$\mathcal{O}(1; \{12^8, 6^4, 4^2, 3, 2^5\})$	201277440
12	$\mathcal{O}(1; \{12^8, 6^4, 4^2, 3^4, 2\})$	1610661888
12	$\mathcal{O}(1; \{12^8, 6^4, 4^4, 3, 2^2\})$	805109760
12	$\mathcal{O}(1; \{12^8, 6^5, 3^2, 2^5\})$	201314304
12	$\mathcal{O}(1; \{12^8, 6^5, 3^5, 2\})$	1610625024
12	$\mathcal{O}(1; \{12^8, 6^5, 4^2, 3^2, 2^2\})$	805257216
12	$\mathcal{O}(1; \{12^8, 6^6, 2^6\})$	100675584
12	$\mathcal{O}(1; \{12^8, 6^6, 3^3, 2^2\})$	805294080
12	$\mathcal{O}(1; \{12^8, 6^6, 4^2, 2^3\})$	402702336
12	$\mathcal{O}(1; \{12^8, 6^6, 4^4\})$	1610809344
12	$\mathcal{O}(1; \{12^8, 6^7, 3, 2^3\})$	402665472
12	$\mathcal{O}(1; \{12^8, 6^7, 4^2, 3\})$	1610661888
12	$\mathcal{O}(1; \{12^8, 6^8, 3^2\})$	1610625024
12	$\mathcal{O}(1; \{12^8, 6^9, 2\})$	805294080
12	$\mathcal{O}(1; \{12^9, 4, 3^2, 2^{10}\})$	50282496
12	$\mathcal{O}(1; \{12^9, 4, 3^5, 2^6\})$	402702336
12	$\mathcal{O}(1; \{12^9, 4, 3^8, 2^2\})$	3221176320
12	$\mathcal{O}(1; \{12^9, 4^3, 3^2, 2^7\})$	201129984
12	$\mathcal{O}(1; \{12^9, 4^3, 3^5, 2^3\})$	1610809344
12	$\mathcal{O}(1; \{12^9, 4^5, 3^2, 2^4\})$	804519936
12	$\mathcal{O}(1; \{12^9, 4^5, 3^5\})$	6443237376
12	$\mathcal{O}(1; \{12^9, 4^7, 3^2, 2\})$	3218079744
12	$\mathcal{O}(1; \{12^9, 6, 4, 2^{11}\})$	25214976
12	$\mathcal{O}(1; \{12^9, 6, 4, 3^3, 2^7\})$	201277440
12	$\mathcal{O}(1; \{12^9, 6, 4, 3^6, 2^3\})$	1610661888
12	$\mathcal{O}(1; \{12^9, 6, 4^3, 2^8\})$	100859904
12	$\mathcal{O}(1; \{12^9, 6, 4^3, 3^3, 2^4\})$	805109760
12	$\mathcal{O}(1; \{12^9, 6, 4^3, 3^6\})$	6442647552
12	$\mathcal{O}(1; \{12^9, 6, 4^5, 2^5\})$	403439616
12	$\mathcal{O}(1; \{12^9, 6, 4^5, 3^3, 2\})$	3220439040
12	$\mathcal{O}(1; \{12^9, 6, 4^7, 2^2\})$	1613758464
12	$\mathcal{O}(1; \{12^9, 6^2, 4, 3, 2^8\})$	100712448
12	$\mathcal{O}(1; \{12^9, 6^2, 4, 3^4, 2^4\})$	805257216
12	$\mathcal{O}(1; \{12^9, 6^2, 4, 3^7\})$	6442500096
12	$\mathcal{O}(1; \{12^9, 6^2, 4^3, 3, 2^5\})$	402849792
12	$\mathcal{O}(1; \{12^9, 6^2, 4^3, 3^4, 2\})$	3221028864
12	$\mathcal{O}(1; \{12^9, 6^2, 4^5, 3, 2^2\})$	1611399168
12	$\mathcal{O}(1; \{12^9, 6^3, 4, 3^2, 2^5\})$	402702336
12	$\mathcal{O}(1; \{12^9, 6^3, 4, 3^5, 2\})$	3221176320

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^9, 6^3, 4^3, 3^2, 2^2\})$	1610809344
12	$\mathcal{O}(1; \{12^9, 6^4, 4, 2^6\})$	201277440
12	$\mathcal{O}(1; \{12^9, 6^4, 4, 3^3, 2^2\})$	1610661888
12	$\mathcal{O}(1; \{12^9, 6^4, 4^3, 2^3\})$	805109760
12	$\mathcal{O}(1; \{12^9, 6^4, 4^5\})$	3220439040
12	$\mathcal{O}(1; \{12^9, 6^5, 4, 3, 2^3\})$	805257216
12	$\mathcal{O}(1; \{12^9, 6^5, 4^3, 3\})$	3221028864
12	$\mathcal{O}(1; \{12^9, 6^6, 4, 3^2\})$	3221176320
12	$\mathcal{O}(1; \{12^9, 6^7, 4, 2\})$	1610661888
12	$\mathcal{O}(1; \{12^{10}, 3, 2^{11}\})$	50282496
12	$\mathcal{O}(1; \{12^{10}, 3^4, 2^7\})$	402702336
12	$\mathcal{O}(1; \{12^{10}, 3^7, 2^3\})$	3221176320
12	$\mathcal{O}(1; \{12^{10}, 4^2, 3, 2^8\})$	201129984
12	$\mathcal{O}(1; \{12^{10}, 4^2, 3^4, 2^4\})$	1610809344
12	$\mathcal{O}(1; \{12^{10}, 4^2, 3^7\})$	12884705280
12	$\mathcal{O}(1; \{12^{10}, 4^4, 3, 2^5\})$	804519936
12	$\mathcal{O}(1; \{12^{10}, 4^4, 3^4, 2\})$	6443237376
12	$\mathcal{O}(1; \{12^{10}, 4^6, 3, 2^2\})$	3218079744
12	$\mathcal{O}(1; \{12^{10}, 6, 3^2, 2^8\})$	201277440
12	$\mathcal{O}(1; \{12^{10}, 6, 3^5, 2^4\})$	1610661888
12	$\mathcal{O}(1; \{12^{10}, 6, 3^8\})$	12884852736
12	$\mathcal{O}(1; \{12^{10}, 6, 4^2, 3^2, 2^5\})$	805109760
12	$\mathcal{O}(1; \{12^{10}, 6, 4^2, 3^5, 2\})$	6442647552
12	$\mathcal{O}(1; \{12^{10}, 6, 4^4, 3^2, 2^2\})$	3220439040
12	$\mathcal{O}(1; \{12^{10}, 6^2, 2^9\})$	100712448
12	$\mathcal{O}(1; \{12^{10}, 6^2, 3^3, 2^5\})$	805257216
12	$\mathcal{O}(1; \{12^{10}, 6^2, 3^6, 2\})$	6442500096
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^2, 2^6\})$	402849792
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^2, 3^3, 2^2\})$	3221028864
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^4, 2^3\})$	1611399168
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^6\})$	6445596672
12	$\mathcal{O}(1; \{12^{10}, 6^3, 3, 2^6\})$	402702336
12	$\mathcal{O}(1; \{12^{10}, 6^3, 3^4, 2^2\})$	3221176320
12	$\mathcal{O}(1; \{12^{10}, 6^3, 4^2, 3, 2^3\})$	1610809344
12	$\mathcal{O}(1; \{12^{10}, 6^3, 4^4, 3\})$	6443237376
12	$\mathcal{O}(1; \{12^{10}, 6^4, 3^2, 2^3\})$	1610661888
12	$\mathcal{O}(1; \{12^{10}, 6^4, 4^2, 3^2\})$	6442647552
12	$\mathcal{O}(1; \{12^{10}, 6^5, 2^4\})$	805257216
12	$\mathcal{O}(1; \{12^{10}, 6^5, 3^3\})$	6442500096
12	$\mathcal{O}(1; \{12^{10}, 6^5, 4^2, 2\})$	3221028864
12	$\mathcal{O}(1; \{12^{10}, 6^6, 3, 2\})$	3221176320
12	$\mathcal{O}(1; \{12^{11}, 4, 2^9\})$	201129984
12	$\mathcal{O}(1; \{12^{11}, 4, 3^3, 2^5\})$	1610809344

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^{11}, 4, 3^6, 2\})$	12884705280
12	$\mathcal{O}(1; \{12^{11}, 4^3, 2^6\})$	804519936
12	$\mathcal{O}(1; \{12^{11}, 4^3, 3^3, 2^2\})$	6443237376
12	$\mathcal{O}(1; \{12^{11}, 4^5, 2^3\})$	3218079744
12	$\mathcal{O}(1; \{12^{11}, 4^7\})$	12872318976
12	$\mathcal{O}(1; \{12^{11}, 6, 4, 3, 2^6\})$	805109760
12	$\mathcal{O}(1; \{12^{11}, 6, 4, 3^4, 2^2\})$	6442647552
12	$\mathcal{O}(1; \{12^{11}, 6, 4^3, 3, 2^3\})$	3220439040
12	$\mathcal{O}(1; \{12^{11}, 6, 4^5, 3\})$	12881756160
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4, 3^2, 2^3\})$	3221028864
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4^3, 3^2\})$	12884115456
12	$\mathcal{O}(1; \{12^{11}, 6^3, 4, 2^4\})$	1610809344
12	$\mathcal{O}(1; \{12^{11}, 6^3, 4, 3^3\})$	12884705280
12	$\mathcal{O}(1; \{12^{11}, 6^3, 4^3, 2\})$	6443237376
12	$\mathcal{O}(1; \{12^{11}, 6^4, 4, 3, 2\})$	6442647552
12	$\mathcal{O}(1; \{12^{12}, 3^2, 2^6\})$	1610809344
12	$\mathcal{O}(1; \{12^{12}, 3^5, 2^2\})$	12884705280
12	$\mathcal{O}(1; \{12^{12}, 4^2, 3^2, 2^3\})$	6443237376
12	$\mathcal{O}(1; \{12^{12}, 4^4, 3^2\})$	25772949504
12	$\mathcal{O}(1; \{12^{12}, 6, 2^7\})$	805109760
12	$\mathcal{O}(1; \{12^{12}, 6, 3^3, 2^3\})$	6442647552
12	$\mathcal{O}(1; \{12^{12}, 6, 4^2, 2^4\})$	3220439040
12	$\mathcal{O}(1; \{12^{12}, 6, 4^2, 3^3\})$	25770590208
12	$\mathcal{O}(1; \{12^{12}, 6, 4^4, 2\})$	12881756160
12	$\mathcal{O}(1; \{12^{12}, 6^2, 3, 2^4\})$	3221028864
12	$\mathcal{O}(1; \{12^{12}, 6^2, 3^4\})$	25770000384
12	$\mathcal{O}(1; \{12^{12}, 6^2, 4^2, 3, 2\})$	12884115456
12	$\mathcal{O}(1; \{12^{12}, 6^3, 3^2, 2\})$	12884705280
12	$\mathcal{O}(1; \{12^{12}, 6^4, 2^2\})$	6442647552
12	$\mathcal{O}(1; \{12^{13}, 4, 3, 2^4\})$	6443237376
12	$\mathcal{O}(1; \{12^{13}, 4, 3^4\})$	51538821120
12	$\mathcal{O}(1; \{12^{13}, 4^3, 3, 2\})$	25772949504
12	$\mathcal{O}(1; \{12^{13}, 6, 4, 3^2, 2\})$	25770590208
12	$\mathcal{O}(1; \{12^{13}, 6^2, 4, 2^2\})$	12884115456
12	$\mathcal{O}(1; \{12^{14}, 2^5\})$	6443237376
12	$\mathcal{O}(1; \{12^{14}, 3^3, 2\})$	51538821120
12	$\mathcal{O}(1; \{12^{14}, 4^2, 2^2\})$	25772949504
12	$\mathcal{O}(1; \{12^{14}, 6, 3, 2^2\})$	25770590208
12	$\mathcal{O}(1; \{12^{14}, 6^3\})$	51538821120
12	$\mathcal{O}(1; \{12^{15}, 6, 4\})$	103082360832
12	$\mathcal{O}(1; \{12^{16}, 3\})$	206155284480
12	$\mathcal{O}(0; \{4^2, 3^2, 2^{29}\})$	4
12	$\mathcal{O}(0; \{4^2, 3^5, 2^{25}\})$	20

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{4^2, 3^8, 2^{21}\})$	172
12	$\mathcal{O}(0; \{4^2, 3^{11}, 2^{17}\})$	1364
12	$\mathcal{O}(0; \{4^2, 3^{14}, 2^{13}\})$	10924
12	$\mathcal{O}(0; \{4^2, 3^{17}, 2^9\})$	87380
12	$\mathcal{O}(0; \{4^2, 3^{20}, 2^5\})$	699052
12	$\mathcal{O}(0; \{4^2, 3^{23}, 2\})$	5592404
12	$\mathcal{O}(0; \{4^4, 3^2, 2^{26}\})$	16
12	$\mathcal{O}(0; \{4^4, 3^5, 2^{22}\})$	80
12	$\mathcal{O}(0; \{4^4, 3^8, 2^{18}\})$	688
12	$\mathcal{O}(0; \{4^4, 3^{11}, 2^{14}\})$	5456
12	$\mathcal{O}(0; \{4^4, 3^{14}, 2^{10}\})$	43696
12	$\mathcal{O}(0; \{4^4, 3^{17}, 2^6\})$	349520
12	$\mathcal{O}(0; \{4^4, 3^{20}, 2^2\})$	2796208
12	$\mathcal{O}(0; \{4^6, 3^2, 2^{23}\})$	64
12	$\mathcal{O}(0; \{4^6, 3^5, 2^{19}\})$	320
12	$\mathcal{O}(0; \{4^6, 3^8, 2^{15}\})$	2752
12	$\mathcal{O}(0; \{4^6, 3^{11}, 2^{11}\})$	21824
12	$\mathcal{O}(0; \{4^6, 3^{14}, 2^7\})$	174784
12	$\mathcal{O}(0; \{4^6, 3^{17}, 2^3\})$	1398080
12	$\mathcal{O}(0; \{4^8, 3^2, 2^{20}\})$	256
12	$\mathcal{O}(0; \{4^8, 3^5, 2^{16}\})$	1280
12	$\mathcal{O}(0; \{4^8, 3^8, 2^{12}\})$	11008
12	$\mathcal{O}(0; \{4^8, 3^{11}, 2^8\})$	87296
12	$\mathcal{O}(0; \{4^8, 3^{14}, 2^4\})$	699136
12	$\mathcal{O}(0; \{4^8, 3^{17}\})$	5592320
12	$\mathcal{O}(0; \{4^{10}, 3^2, 2^{17}\})$	1024
12	$\mathcal{O}(0; \{4^{10}, 3^5, 2^{13}\})$	5120
12	$\mathcal{O}(0; \{4^{10}, 3^8, 2^9\})$	44032
12	$\mathcal{O}(0; \{4^{10}, 3^{11}, 2^5\})$	349184
12	$\mathcal{O}(0; \{4^{10}, 3^{14}, 2\})$	2796544
12	$\mathcal{O}(0; \{4^{12}, 3^2, 2^{14}\})$	4096
12	$\mathcal{O}(0; \{4^{12}, 3^5, 2^{10}\})$	20480
12	$\mathcal{O}(0; \{4^{12}, 3^8, 2^6\})$	176128
12	$\mathcal{O}(0; \{4^{12}, 3^{11}, 2^2\})$	1396736
12	$\mathcal{O}(0; \{4^{14}, 3^2, 2^{11}\})$	16384
12	$\mathcal{O}(0; \{4^{14}, 3^5, 2^7\})$	81920
12	$\mathcal{O}(0; \{4^{14}, 3^8, 2^3\})$	704512
12	$\mathcal{O}(0; \{4^{16}, 3^2, 2^8\})$	65536
12	$\mathcal{O}(0; \{4^{16}, 3^5, 2^4\})$	327680
12	$\mathcal{O}(0; \{4^{16}, 3^8\})$	2818048
12	$\mathcal{O}(0; \{4^{18}, 3^2, 2^5\})$	262144
12	$\mathcal{O}(0; \{4^{18}, 3^5, 2\})$	1310720
12	$\mathcal{O}(0; \{4^{20}, 3^2, 2^2\})$	1048576

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6, 4^2, 3^3, 2^{26}\})$	12
12	$\mathcal{O}(0; \{6, 4^2, 3^6, 2^{22}\})$	84
12	$\mathcal{O}(0; \{6, 4^2, 3^9, 2^{18}\})$	684
12	$\mathcal{O}(0; \{6, 4^2, 3^{12}, 2^{14}\})$	5460
12	$\mathcal{O}(0; \{6, 4^2, 3^{15}, 2^{10}\})$	43692
12	$\mathcal{O}(0; \{6, 4^2, 3^{18}, 2^6\})$	349524
12	$\mathcal{O}(0; \{6, 4^2, 3^{21}, 2^2\})$	2796204
12	$\mathcal{O}(0; \{6, 4^4, 3^3, 2^{23}\})$	48
12	$\mathcal{O}(0; \{6, 4^4, 3^6, 2^{19}\})$	336
12	$\mathcal{O}(0; \{6, 4^4, 3^9, 2^{15}\})$	2736
12	$\mathcal{O}(0; \{6, 4^4, 3^{12}, 2^{11}\})$	21840
12	$\mathcal{O}(0; \{6, 4^4, 3^{15}, 2^7\})$	174768
12	$\mathcal{O}(0; \{6, 4^4, 3^{18}, 2^3\})$	1398096
12	$\mathcal{O}(0; \{6, 4^6, 3^3, 2^{20}\})$	192
12	$\mathcal{O}(0; \{6, 4^6, 3^6, 2^{16}\})$	1344
12	$\mathcal{O}(0; \{6, 4^6, 3^9, 2^{12}\})$	10944
12	$\mathcal{O}(0; \{6, 4^6, 3^{12}, 2^8\})$	87360
12	$\mathcal{O}(0; \{6, 4^6, 3^{15}, 2^4\})$	699072
12	$\mathcal{O}(0; \{6, 4^6, 3^{18}\})$	5592384
12	$\mathcal{O}(0; \{6, 4^8, 3^3, 2^{17}\})$	768
12	$\mathcal{O}(0; \{6, 4^8, 3^6, 2^{13}\})$	5376
12	$\mathcal{O}(0; \{6, 4^8, 3^9, 2^9\})$	43776
12	$\mathcal{O}(0; \{6, 4^8, 3^{12}, 2^5\})$	349440
12	$\mathcal{O}(0; \{6, 4^8, 3^{15}, 2\})$	2796288
12	$\mathcal{O}(0; \{6, 4^{10}, 3^3, 2^{14}\})$	3072
12	$\mathcal{O}(0; \{6, 4^{10}, 3^6, 2^{10}\})$	21504
12	$\mathcal{O}(0; \{6, 4^{10}, 3^9, 2^6\})$	175104
12	$\mathcal{O}(0; \{6, 4^{10}, 3^{12}, 2^2\})$	1397760
12	$\mathcal{O}(0; \{6, 4^{12}, 3^3, 2^{11}\})$	12288
12	$\mathcal{O}(0; \{6, 4^{12}, 3^6, 2^7\})$	86016
12	$\mathcal{O}(0; \{6, 4^{12}, 3^9, 2^3\})$	700416
12	$\mathcal{O}(0; \{6, 4^{14}, 3^3, 2^8\})$	49152
12	$\mathcal{O}(0; \{6, 4^{14}, 3^6, 2^4\})$	344064
12	$\mathcal{O}(0; \{6, 4^{14}, 3^9\})$	2801664
12	$\mathcal{O}(0; \{6, 4^{16}, 3^3, 2^5\})$	196608
12	$\mathcal{O}(0; \{6, 4^{16}, 3^6, 2\})$	1376256
12	$\mathcal{O}(0; \{6, 4^{18}, 3^3, 2^2\})$	786432
12	$\mathcal{O}(0; \{6^2, 4^2, 3, 2^{27}\})$	4
12	$\mathcal{O}(0; \{6^2, 4^2, 3^4, 2^{23}\})$	44
12	$\mathcal{O}(0; \{6^2, 4^2, 3^7, 2^{19}\})$	340
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{10}, 2^{15}\})$	2732
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{13}, 2^{11}\})$	21844
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{16}, 2^7\})$	174764

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{19}, 2^3\})$	1398100
12	$\mathcal{O}(0; \{6^2, 4^4, 3, 2^{24}\})$	16
12	$\mathcal{O}(0; \{6^2, 4^4, 3^4, 2^{20}\})$	176
12	$\mathcal{O}(0; \{6^2, 4^4, 3^7, 2^{16}\})$	1360
12	$\mathcal{O}(0; \{6^2, 4^4, 3^{10}, 2^{12}\})$	10928
12	$\mathcal{O}(0; \{6^2, 4^4, 3^{13}, 2^8\})$	87376
12	$\mathcal{O}(0; \{6^2, 4^4, 3^{16}, 2^4\})$	699056
12	$\mathcal{O}(0; \{6^2, 4^4, 3^{19}\})$	5592400
12	$\mathcal{O}(0; \{6^2, 4^6, 3, 2^{21}\})$	64
12	$\mathcal{O}(0; \{6^2, 4^6, 3^4, 2^{17}\})$	704
12	$\mathcal{O}(0; \{6^2, 4^6, 3^7, 2^{13}\})$	5440
12	$\mathcal{O}(0; \{6^2, 4^6, 3^{10}, 2^9\})$	43712
12	$\mathcal{O}(0; \{6^2, 4^6, 3^{13}, 2^5\})$	349504
12	$\mathcal{O}(0; \{6^2, 4^6, 3^{16}, 2\})$	2796224
12	$\mathcal{O}(0; \{6^2, 4^8, 3, 2^{18}\})$	256
12	$\mathcal{O}(0; \{6^2, 4^8, 3^4, 2^{14}\})$	2816
12	$\mathcal{O}(0; \{6^2, 4^8, 3^7, 2^{10}\})$	21760
12	$\mathcal{O}(0; \{6^2, 4^8, 3^{10}, 2^6\})$	174848
12	$\mathcal{O}(0; \{6^2, 4^8, 3^{13}, 2^2\})$	1398016
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3, 2^{15}\})$	1024
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^4, 2^{11}\})$	11264
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^7, 2^7\})$	87040
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^{10}, 2^3\})$	699392
12	$\mathcal{O}(0; \{6^2, 4^{12}, 3, 2^{12}\})$	4096
12	$\mathcal{O}(0; \{6^2, 4^{12}, 3^4, 2^8\})$	45056
12	$\mathcal{O}(0; \{6^2, 4^{12}, 3^7, 2^4\})$	348160
12	$\mathcal{O}(0; \{6^2, 4^{12}, 3^{10}\})$	2797568
12	$\mathcal{O}(0; \{6^2, 4^{14}, 3, 2^9\})$	16384
12	$\mathcal{O}(0; \{6^2, 4^{14}, 3^4, 2^5\})$	180224
12	$\mathcal{O}(0; \{6^2, 4^{14}, 3^7, 2\})$	1392640
12	$\mathcal{O}(0; \{6^2, 4^{16}, 3, 2^6\})$	65536
12	$\mathcal{O}(0; \{6^2, 4^{16}, 3^4, 2^2\})$	720896
12	$\mathcal{O}(0; \{6^2, 4^{18}, 3, 2^3\})$	262144
12	$\mathcal{O}(0; \{6^2, 4^{20}, 3\})$	1048576
12	$\mathcal{O}(0; \{6^3, 4^2, 3^2, 2^{24}\})$	20
12	$\mathcal{O}(0; \{6^3, 4^2, 3^5, 2^{20}\})$	172
12	$\mathcal{O}(0; \{6^3, 4^2, 3^8, 2^{16}\})$	1364
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{11}, 2^{12}\})$	10924
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{14}, 2^8\})$	87380
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{17}, 2^4\})$	699052
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{20}\})$	5592404
12	$\mathcal{O}(0; \{6^3, 4^4, 3^2, 2^{21}\})$	80
12	$\mathcal{O}(0; \{6^3, 4^4, 3^5, 2^{17}\})$	688

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^3, 4^4, 3^8, 2^{13}\})$	5456
12	$\mathcal{O}(0; \{6^3, 4^4, 3^{11}, 2^9\})$	43696
12	$\mathcal{O}(0; \{6^3, 4^4, 3^{14}, 2^5\})$	349520
12	$\mathcal{O}(0; \{6^3, 4^4, 3^{17}, 2\})$	2796208
12	$\mathcal{O}(0; \{6^3, 4^6, 3^2, 2^{18}\})$	320
12	$\mathcal{O}(0; \{6^3, 4^6, 3^5, 2^{14}\})$	2752
12	$\mathcal{O}(0; \{6^3, 4^6, 3^8, 2^{10}\})$	21824
12	$\mathcal{O}(0; \{6^3, 4^6, 3^{11}, 2^6\})$	174784
12	$\mathcal{O}(0; \{6^3, 4^6, 3^{14}, 2^2\})$	1398080
12	$\mathcal{O}(0; \{6^3, 4^8, 3^2, 2^{15}\})$	1280
12	$\mathcal{O}(0; \{6^3, 4^8, 3^5, 2^{11}\})$	11008
12	$\mathcal{O}(0; \{6^3, 4^8, 3^8, 2^7\})$	87296
12	$\mathcal{O}(0; \{6^3, 4^8, 3^{11}, 2^3\})$	699136
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3^2, 2^{12}\})$	5120
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3^5, 2^8\})$	44032
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3^8, 2^4\})$	349184
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3^{11}\})$	2796544
12	$\mathcal{O}(0; \{6^3, 4^{12}, 3^2, 2^9\})$	20480
12	$\mathcal{O}(0; \{6^3, 4^{12}, 3^5, 2^5\})$	176128
12	$\mathcal{O}(0; \{6^3, 4^{12}, 3^8, 2\})$	1396736
12	$\mathcal{O}(0; \{6^3, 4^{14}, 3^2, 2^6\})$	81920
12	$\mathcal{O}(0; \{6^3, 4^{14}, 3^5, 2^2\})$	704512
12	$\mathcal{O}(0; \{6^3, 4^{16}, 3^2, 2^3\})$	327680
12	$\mathcal{O}(0; \{6^3, 4^{18}, 3^2\})$	1310720
12	$\mathcal{O}(0; \{6^4, 4^2, 2^{25}\})$	12
12	$\mathcal{O}(0; \{6^4, 4^2, 3^3, 2^{21}\})$	84
12	$\mathcal{O}(0; \{6^4, 4^2, 3^6, 2^{17}\})$	684
12	$\mathcal{O}(0; \{6^4, 4^2, 3^9, 2^{13}\})$	5460
12	$\mathcal{O}(0; \{6^4, 4^2, 3^{12}, 2^9\})$	43692
12	$\mathcal{O}(0; \{6^4, 4^2, 3^{15}, 2^5\})$	349524
12	$\mathcal{O}(0; \{6^4, 4^2, 3^{18}, 2\})$	2796204
12	$\mathcal{O}(0; \{6^4, 4^4, 2^{22}\})$	48
12	$\mathcal{O}(0; \{6^4, 4^4, 3^3, 2^{18}\})$	336
12	$\mathcal{O}(0; \{6^4, 4^4, 3^6, 2^{14}\})$	2736
12	$\mathcal{O}(0; \{6^4, 4^4, 3^9, 2^{10}\})$	21840
12	$\mathcal{O}(0; \{6^4, 4^4, 3^{12}, 2^6\})$	174768
12	$\mathcal{O}(0; \{6^4, 4^4, 3^{15}, 2^2\})$	1398096
12	$\mathcal{O}(0; \{6^4, 4^6, 2^{19}\})$	192
12	$\mathcal{O}(0; \{6^4, 4^6, 3^3, 2^{15}\})$	1344
12	$\mathcal{O}(0; \{6^4, 4^6, 3^6, 2^{11}\})$	10944
12	$\mathcal{O}(0; \{6^4, 4^6, 3^9, 2^7\})$	87360
12	$\mathcal{O}(0; \{6^4, 4^6, 3^{12}, 2^3\})$	699072
12	$\mathcal{O}(0; \{6^4, 4^8, 2^{16}\})$	768

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^4, 4^8, 3^3, 2^{12}\})$	5376
12	$\mathcal{O}(0; \{6^4, 4^8, 3^6, 2^8\})$	43776
12	$\mathcal{O}(0; \{6^4, 4^8, 3^9, 2^4\})$	349440
12	$\mathcal{O}(0; \{6^4, 4^8, 3^{12}\})$	2796288
12	$\mathcal{O}(0; \{6^4, 4^{10}, 2^{13}\})$	3072
12	$\mathcal{O}(0; \{6^4, 4^{10}, 3^3, 2^9\})$	21504
12	$\mathcal{O}(0; \{6^4, 4^{10}, 3^6, 2^5\})$	175104
12	$\mathcal{O}(0; \{6^4, 4^{10}, 3^9, 2\})$	1397760
12	$\mathcal{O}(0; \{6^4, 4^{12}, 2^{10}\})$	12288
12	$\mathcal{O}(0; \{6^4, 4^{12}, 3^3, 2^6\})$	86016
12	$\mathcal{O}(0; \{6^4, 4^{12}, 3^6, 2^2\})$	700416
12	$\mathcal{O}(0; \{6^4, 4^{14}, 2^7\})$	49152
12	$\mathcal{O}(0; \{6^4, 4^{14}, 3^3, 2^3\})$	344064
12	$\mathcal{O}(0; \{6^4, 4^{16}, 2^4\})$	196608
12	$\mathcal{O}(0; \{6^4, 4^{16}, 3^3\})$	1376256
12	$\mathcal{O}(0; \{6^4, 4^{18}, 2\})$	786432
12	$\mathcal{O}(0; \{6^5, 4^2, 3, 2^{22}\})$	44
12	$\mathcal{O}(0; \{6^5, 4^2, 3^4, 2^{18}\})$	340
12	$\mathcal{O}(0; \{6^5, 4^2, 3^7, 2^{14}\})$	2732
12	$\mathcal{O}(0; \{6^5, 4^2, 3^{10}, 2^{10}\})$	21844
12	$\mathcal{O}(0; \{6^5, 4^2, 3^{13}, 2^6\})$	174764
12	$\mathcal{O}(0; \{6^5, 4^2, 3^{16}, 2^2\})$	1398100
12	$\mathcal{O}(0; \{6^5, 4^4, 3, 2^{19}\})$	176
12	$\mathcal{O}(0; \{6^5, 4^4, 3^4, 2^{15}\})$	1360
12	$\mathcal{O}(0; \{6^5, 4^4, 3^7, 2^{11}\})$	10928
12	$\mathcal{O}(0; \{6^5, 4^4, 3^{10}, 2^7\})$	87376
12	$\mathcal{O}(0; \{6^5, 4^4, 3^{13}, 2^3\})$	699056
12	$\mathcal{O}(0; \{6^5, 4^6, 3, 2^{16}\})$	704
12	$\mathcal{O}(0; \{6^5, 4^6, 3^4, 2^{12}\})$	5440
12	$\mathcal{O}(0; \{6^5, 4^6, 3^7, 2^8\})$	43712
12	$\mathcal{O}(0; \{6^5, 4^6, 3^{10}, 2^4\})$	349504
12	$\mathcal{O}(0; \{6^5, 4^6, 3^{13}\})$	2796224
12	$\mathcal{O}(0; \{6^5, 4^8, 3, 2^{13}\})$	2816
12	$\mathcal{O}(0; \{6^5, 4^8, 3^4, 2^9\})$	21760
12	$\mathcal{O}(0; \{6^5, 4^8, 3^7, 2^5\})$	174848
12	$\mathcal{O}(0; \{6^5, 4^8, 3^{10}, 2\})$	1398016
12	$\mathcal{O}(0; \{6^5, 4^{10}, 3, 2^{10}\})$	11264
12	$\mathcal{O}(0; \{6^5, 4^{10}, 3^4, 2^6\})$	87040
12	$\mathcal{O}(0; \{6^5, 4^{10}, 3^7, 2^2\})$	699392
12	$\mathcal{O}(0; \{6^5, 4^{12}, 3, 2^7\})$	45056
12	$\mathcal{O}(0; \{6^5, 4^{12}, 3^4, 2^3\})$	348160
12	$\mathcal{O}(0; \{6^5, 4^{14}, 3, 2^4\})$	180224
12	$\mathcal{O}(0; \{6^5, 4^{14}, 3^4\})$	1392640

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^5, 4^{16}, 3, 2\})$	720896
12	$\mathcal{O}(0; \{6^6, 4^2, 3^2, 2^{19}\})$	172
12	$\mathcal{O}(0; \{6^6, 4^2, 3^5, 2^{15}\})$	1364
12	$\mathcal{O}(0; \{6^6, 4^2, 3^8, 2^{11}\})$	10924
12	$\mathcal{O}(0; \{6^6, 4^2, 3^{11}, 2^7\})$	87380
12	$\mathcal{O}(0; \{6^6, 4^2, 3^{14}, 2^3\})$	699052
12	$\mathcal{O}(0; \{6^6, 4^4, 3^2, 2^{16}\})$	688
12	$\mathcal{O}(0; \{6^6, 4^4, 3^5, 2^{12}\})$	5456
12	$\mathcal{O}(0; \{6^6, 4^4, 3^8, 2^8\})$	43696
12	$\mathcal{O}(0; \{6^6, 4^4, 3^{11}, 2^4\})$	349520
12	$\mathcal{O}(0; \{6^6, 4^4, 3^{14}\})$	2796208
12	$\mathcal{O}(0; \{6^6, 4^6, 3^2, 2^{13}\})$	2752
12	$\mathcal{O}(0; \{6^6, 4^6, 3^5, 2^9\})$	21824
12	$\mathcal{O}(0; \{6^6, 4^6, 3^8, 2^5\})$	174784
12	$\mathcal{O}(0; \{6^6, 4^6, 3^{11}, 2\})$	1398080
12	$\mathcal{O}(0; \{6^6, 4^8, 3^2, 2^{10}\})$	11008
12	$\mathcal{O}(0; \{6^6, 4^8, 3^5, 2^6\})$	87296
12	$\mathcal{O}(0; \{6^6, 4^8, 3^8, 2^2\})$	699136
12	$\mathcal{O}(0; \{6^6, 4^{10}, 3^2, 2^7\})$	44032
12	$\mathcal{O}(0; \{6^6, 4^{10}, 3^5, 2^3\})$	349184
12	$\mathcal{O}(0; \{6^6, 4^{12}, 3^2, 2^4\})$	176128
12	$\mathcal{O}(0; \{6^6, 4^{12}, 3^5\})$	1396736
12	$\mathcal{O}(0; \{6^6, 4^{14}, 3^2, 2\})$	704512
12	$\mathcal{O}(0; \{6^7, 4^2, 2^{20}\})$	84
12	$\mathcal{O}(0; \{6^7, 4^2, 3^3, 2^{16}\})$	684
12	$\mathcal{O}(0; \{6^7, 4^2, 3^6, 2^{12}\})$	5460
12	$\mathcal{O}(0; \{6^7, 4^2, 3^9, 2^8\})$	43692
12	$\mathcal{O}(0; \{6^7, 4^2, 3^{12}, 2^4\})$	349524
12	$\mathcal{O}(0; \{6^7, 4^2, 3^{15}\})$	2796204
12	$\mathcal{O}(0; \{6^7, 4^4, 2^{17}\})$	336
12	$\mathcal{O}(0; \{6^7, 4^4, 3^3, 2^{13}\})$	2736
12	$\mathcal{O}(0; \{6^7, 4^4, 3^6, 2^9\})$	21840
12	$\mathcal{O}(0; \{6^7, 4^4, 3^9, 2^5\})$	174768
12	$\mathcal{O}(0; \{6^7, 4^4, 3^{12}, 2\})$	1398096
12	$\mathcal{O}(0; \{6^7, 4^6, 2^{14}\})$	1344
12	$\mathcal{O}(0; \{6^7, 4^6, 3^3, 2^{10}\})$	10944
12	$\mathcal{O}(0; \{6^7, 4^6, 3^6, 2^6\})$	87360
12	$\mathcal{O}(0; \{6^7, 4^6, 3^9, 2^2\})$	699072
12	$\mathcal{O}(0; \{6^7, 4^8, 2^{11}\})$	5376
12	$\mathcal{O}(0; \{6^7, 4^8, 3^3, 2^7\})$	43776
12	$\mathcal{O}(0; \{6^7, 4^8, 3^6, 2^3\})$	349440
12	$\mathcal{O}(0; \{6^7, 4^{10}, 2^8\})$	21504
12	$\mathcal{O}(0; \{6^7, 4^{10}, 3^3, 2^4\})$	175104

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^7, 4^{10}, 3^6\})$	1397760
12	$\mathcal{O}(0; \{6^7, 4^{12}, 2^5\})$	86016
12	$\mathcal{O}(0; \{6^7, 4^{12}, 3^3, 2\})$	700416
12	$\mathcal{O}(0; \{6^7, 4^{14}, 2^2\})$	344064
12	$\mathcal{O}(0; \{6^8, 4^2, 3, 2^{17}\})$	340
12	$\mathcal{O}(0; \{6^8, 4^2, 3^4, 2^{13}\})$	2732
12	$\mathcal{O}(0; \{6^8, 4^2, 3^7, 2^9\})$	21844
12	$\mathcal{O}(0; \{6^8, 4^2, 3^{10}, 2^5\})$	174764
12	$\mathcal{O}(0; \{6^8, 4^2, 3^{13}, 2\})$	1398100
12	$\mathcal{O}(0; \{6^8, 4^4, 3, 2^{14}\})$	1360
12	$\mathcal{O}(0; \{6^8, 4^4, 3^4, 2^{10}\})$	10928
12	$\mathcal{O}(0; \{6^8, 4^4, 3^7, 2^6\})$	87376
12	$\mathcal{O}(0; \{6^8, 4^4, 3^{10}, 2^2\})$	699056
12	$\mathcal{O}(0; \{6^8, 4^6, 3, 2^{11}\})$	5440
12	$\mathcal{O}(0; \{6^8, 4^6, 3^4, 2^7\})$	43712
12	$\mathcal{O}(0; \{6^8, 4^6, 3^7, 2^3\})$	349504
12	$\mathcal{O}(0; \{6^8, 4^8, 3, 2^8\})$	21760
12	$\mathcal{O}(0; \{6^8, 4^8, 3^4, 2^4\})$	174848
12	$\mathcal{O}(0; \{6^8, 4^8, 3^7\})$	1398016
12	$\mathcal{O}(0; \{6^8, 4^{10}, 3, 2^5\})$	87040
12	$\mathcal{O}(0; \{6^8, 4^{10}, 3^4, 2\})$	699392
12	$\mathcal{O}(0; \{6^8, 4^{12}, 3, 2^2\})$	348160
12	$\mathcal{O}(0; \{6^9, 4^2, 3^2, 2^{14}\})$	1364
12	$\mathcal{O}(0; \{6^9, 4^2, 3^5, 2^{10}\})$	10924
12	$\mathcal{O}(0; \{6^9, 4^2, 3^8, 2^6\})$	87380
12	$\mathcal{O}(0; \{6^9, 4^2, 3^{11}, 2^2\})$	699052
12	$\mathcal{O}(0; \{6^9, 4^4, 3^2, 2^{11}\})$	5456
12	$\mathcal{O}(0; \{6^9, 4^4, 3^5, 2^7\})$	43696
12	$\mathcal{O}(0; \{6^9, 4^4, 3^8, 2^3\})$	349520
12	$\mathcal{O}(0; \{6^9, 4^6, 3^2, 2^8\})$	21824
12	$\mathcal{O}(0; \{6^9, 4^6, 3^5, 2^4\})$	174784
12	$\mathcal{O}(0; \{6^9, 4^6, 3^8\})$	1398080
12	$\mathcal{O}(0; \{6^9, 4^8, 3^2, 2^5\})$	87296
12	$\mathcal{O}(0; \{6^9, 4^8, 3^5, 2\})$	699136
12	$\mathcal{O}(0; \{6^9, 4^{10}, 3^2, 2^2\})$	349184
12	$\mathcal{O}(0; \{6^{10}, 4^2, 2^{15}\})$	684
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^3, 2^{11}\})$	5460
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^6, 2^7\})$	43692
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^9, 2^3\})$	349524
12	$\mathcal{O}(0; \{6^{10}, 4^4, 2^{12}\})$	2736
12	$\mathcal{O}(0; \{6^{10}, 4^4, 3^3, 2^8\})$	21840
12	$\mathcal{O}(0; \{6^{10}, 4^4, 3^6, 2^4\})$	174768
12	$\mathcal{O}(0; \{6^{10}, 4^4, 3^9\})$	1398096

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^{10}, 4^6, 2^9\})$	10944
12	$\mathcal{O}(0; \{6^{10}, 4^6, 3^3, 2^5\})$	87360
12	$\mathcal{O}(0; \{6^{10}, 4^6, 3^6, 2\})$	699072
12	$\mathcal{O}(0; \{6^{10}, 4^8, 2^6\})$	43776
12	$\mathcal{O}(0; \{6^{10}, 4^8, 3^3, 2^2\})$	349440
12	$\mathcal{O}(0; \{6^{10}, 4^{10}, 2^3\})$	175104
12	$\mathcal{O}(0; \{6^{10}, 4^{12}\})$	700416
12	$\mathcal{O}(0; \{6^{11}, 4^2, 3, 2^{12}\})$	2732
12	$\mathcal{O}(0; \{6^{11}, 4^2, 3^4, 2^8\})$	21844
12	$\mathcal{O}(0; \{6^{11}, 4^2, 3^7, 2^4\})$	174764
12	$\mathcal{O}(0; \{6^{11}, 4^2, 3^{10}\})$	1398100
12	$\mathcal{O}(0; \{6^{11}, 4^4, 3, 2^9\})$	10928
12	$\mathcal{O}(0; \{6^{11}, 4^4, 3^4, 2^5\})$	87376
12	$\mathcal{O}(0; \{6^{11}, 4^4, 3^7, 2\})$	699056
12	$\mathcal{O}(0; \{6^{11}, 4^6, 3, 2^6\})$	43712
12	$\mathcal{O}(0; \{6^{11}, 4^6, 3^4, 2^2\})$	349504
12	$\mathcal{O}(0; \{6^{11}, 4^8, 3, 2^3\})$	174848
12	$\mathcal{O}(0; \{6^{11}, 4^{10}, 3\})$	699392
12	$\mathcal{O}(0; \{6^{12}, 4^2, 3^2, 2^9\})$	10924
12	$\mathcal{O}(0; \{6^{12}, 4^2, 3^5, 2^5\})$	87380
12	$\mathcal{O}(0; \{6^{12}, 4^2, 3^8, 2\})$	699052
12	$\mathcal{O}(0; \{6^{12}, 4^4, 3^2, 2^6\})$	43696
12	$\mathcal{O}(0; \{6^{12}, 4^4, 3^5, 2^2\})$	349520
12	$\mathcal{O}(0; \{6^{12}, 4^6, 3^2, 2^3\})$	174784
12	$\mathcal{O}(0; \{6^{12}, 4^8, 3^2\})$	699136
12	$\mathcal{O}(0; \{6^{13}, 4^2, 2^{10}\})$	5460
12	$\mathcal{O}(0; \{6^{13}, 4^2, 3^3, 2^6\})$	43692
12	$\mathcal{O}(0; \{6^{13}, 4^2, 3^6, 2^2\})$	349524
12	$\mathcal{O}(0; \{6^{13}, 4^4, 2^7\})$	21840
12	$\mathcal{O}(0; \{6^{13}, 4^4, 3^3, 2^3\})$	174768
12	$\mathcal{O}(0; \{6^{13}, 4^6, 2^4\})$	87360
12	$\mathcal{O}(0; \{6^{13}, 4^6, 3^3\})$	699072
12	$\mathcal{O}(0; \{6^{13}, 4^8, 2\})$	349440
12	$\mathcal{O}(0; \{6^{14}, 4^2, 3, 2^7\})$	21844
12	$\mathcal{O}(0; \{6^{14}, 4^2, 3^4, 2^3\})$	174764
12	$\mathcal{O}(0; \{6^{14}, 4^4, 3, 2^4\})$	87376
12	$\mathcal{O}(0; \{6^{14}, 4^4, 3^4\})$	699056
12	$\mathcal{O}(0; \{6^{14}, 4^6, 3, 2\})$	349504
12	$\mathcal{O}(0; \{6^{15}, 4^2, 3^2, 2^4\})$	87380
12	$\mathcal{O}(0; \{6^{15}, 4^2, 3^5\})$	699052
12	$\mathcal{O}(0; \{6^{15}, 4^4, 3^2, 2\})$	349520
12	$\mathcal{O}(0; \{6^{16}, 4^2, 2^5\})$	43692
12	$\mathcal{O}(0; \{6^{16}, 4^2, 3^3, 2\})$	349524

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^{16}, 4^4, 2^2\})$	174768
12	$\mathcal{O}(0; \{6^{17}, 4^2, 3, 2^2\})$	174764
12	$\mathcal{O}(0; \{6^{19}, 4^2\})$	349524
12	$\mathcal{O}(0; \{12, 4, 3, 2^{30}\})$	4
12	$\mathcal{O}(0; \{12, 4, 3^4, 2^{26}\})$	20
12	$\mathcal{O}(0; \{12, 4, 3^7, 2^{22}\})$	172
12	$\mathcal{O}(0; \{12, 4, 3^{10}, 2^{18}\})$	1364
12	$\mathcal{O}(0; \{12, 4, 3^{13}, 2^{14}\})$	10924
12	$\mathcal{O}(0; \{12, 4, 3^{16}, 2^{10}\})$	87380
12	$\mathcal{O}(0; \{12, 4, 3^{19}, 2^6\})$	699052
12	$\mathcal{O}(0; \{12, 4, 3^{22}, 2^2\})$	5592404
12	$\mathcal{O}(0; \{12, 4^3, 3, 2^{27}\})$	16
12	$\mathcal{O}(0; \{12, 4^3, 3^4, 2^{23}\})$	80
12	$\mathcal{O}(0; \{12, 4^3, 3^7, 2^{19}\})$	688
12	$\mathcal{O}(0; \{12, 4^3, 3^{10}, 2^{15}\})$	5456
12	$\mathcal{O}(0; \{12, 4^3, 3^{13}, 2^{11}\})$	43696
12	$\mathcal{O}(0; \{12, 4^3, 3^{16}, 2^7\})$	349520
12	$\mathcal{O}(0; \{12, 4^3, 3^{19}, 2^3\})$	2796208
12	$\mathcal{O}(0; \{12, 4^5, 3, 2^{24}\})$	64
12	$\mathcal{O}(0; \{12, 4^5, 3^4, 2^{20}\})$	320
12	$\mathcal{O}(0; \{12, 4^5, 3^7, 2^{16}\})$	2752
12	$\mathcal{O}(0; \{12, 4^5, 3^{10}, 2^{12}\})$	21824
12	$\mathcal{O}(0; \{12, 4^5, 3^{13}, 2^8\})$	174784
12	$\mathcal{O}(0; \{12, 4^5, 3^{16}, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12, 4^5, 3^{19}\})$	11184832
12	$\mathcal{O}(0; \{12, 4^7, 3, 2^{21}\})$	256
12	$\mathcal{O}(0; \{12, 4^7, 3^4, 2^{17}\})$	1280
12	$\mathcal{O}(0; \{12, 4^7, 3^7, 2^{13}\})$	11008
12	$\mathcal{O}(0; \{12, 4^7, 3^{10}, 2^9\})$	87296
12	$\mathcal{O}(0; \{12, 4^7, 3^{13}, 2^5\})$	699136
12	$\mathcal{O}(0; \{12, 4^7, 3^{16}, 2\})$	5592320
12	$\mathcal{O}(0; \{12, 4^9, 3, 2^{18}\})$	1024
12	$\mathcal{O}(0; \{12, 4^9, 3^4, 2^{14}\})$	5120
12	$\mathcal{O}(0; \{12, 4^9, 3^7, 2^{10}\})$	44032
12	$\mathcal{O}(0; \{12, 4^9, 3^{10}, 2^6\})$	349184
12	$\mathcal{O}(0; \{12, 4^9, 3^{13}, 2^2\})$	2796544
12	$\mathcal{O}(0; \{12, 4^{11}, 3, 2^{15}\})$	4096
12	$\mathcal{O}(0; \{12, 4^{11}, 3^4, 2^{11}\})$	20480
12	$\mathcal{O}(0; \{12, 4^{11}, 3^7, 2^7\})$	176128
12	$\mathcal{O}(0; \{12, 4^{11}, 3^{10}, 2^3\})$	1396736
12	$\mathcal{O}(0; \{12, 4^{13}, 3, 2^{12}\})$	16384
12	$\mathcal{O}(0; \{12, 4^{13}, 3^4, 2^8\})$	81920
12	$\mathcal{O}(0; \{12, 4^{13}, 3^7, 2^4\})$	704512

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 4^{13}, 3^{10}\})$	5586944
12	$\mathcal{O}(0; \{12, 4^{15}, 3, 2^9\})$	65536
12	$\mathcal{O}(0; \{12, 4^{15}, 3^4, 2^5\})$	327680
12	$\mathcal{O}(0; \{12, 4^{15}, 3^7, 2\})$	2818048
12	$\mathcal{O}(0; \{12, 4^{17}, 3, 2^6\})$	262144
12	$\mathcal{O}(0; \{12, 4^{17}, 3^4, 2^2\})$	1310720
12	$\mathcal{O}(0; \{12, 4^{19}, 3, 2^3\})$	1048576
12	$\mathcal{O}(0; \{12, 4^{21}, 3\})$	4194304
12	$\mathcal{O}(0; \{12, 6, 4, 3^2, 2^{27}\})$	12
12	$\mathcal{O}(0; \{12, 6, 4, 3^5, 2^{23}\})$	84
12	$\mathcal{O}(0; \{12, 6, 4, 3^8, 2^{19}\})$	684
12	$\mathcal{O}(0; \{12, 6, 4, 3^{11}, 2^{15}\})$	5460
12	$\mathcal{O}(0; \{12, 6, 4, 3^{14}, 2^{11}\})$	43692
12	$\mathcal{O}(0; \{12, 6, 4, 3^{17}, 2^7\})$	349524
12	$\mathcal{O}(0; \{12, 6, 4, 3^{20}, 2^3\})$	2796204
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^2, 2^{24}\})$	48
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^5, 2^{20}\})$	336
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^8, 2^{16}\})$	2736
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{11}, 2^{12}\})$	21840
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{14}, 2^8\})$	174768
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{17}, 2^4\})$	1398096
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{20}\})$	11184816
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^2, 2^{21}\})$	192
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^5, 2^{17}\})$	1344
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^8, 2^{13}\})$	10944
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^{11}, 2^9\})$	87360
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^{14}, 2^5\})$	699072
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^{17}, 2\})$	5592384
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^2, 2^{18}\})$	768
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^5, 2^{14}\})$	5376
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^8, 2^{10}\})$	43776
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^{11}, 2^6\})$	349440
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^{14}, 2^2\})$	2796288
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^2, 2^{15}\})$	3072
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^5, 2^{11}\})$	21504
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^8, 2^7\})$	175104
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^{11}, 2^3\})$	1397760
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3^2, 2^{12}\})$	12288
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3^5, 2^8\})$	86016
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3^8, 2^4\})$	700416
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3^{11}\})$	5591040
12	$\mathcal{O}(0; \{12, 6, 4^{13}, 3^2, 2^9\})$	49152
12	$\mathcal{O}(0; \{12, 6, 4^{13}, 3^5, 2^5\})$	344064

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6, 4^{13}, 3^8, 2\})$	2801664
12	$\mathcal{O}(0; \{12, 6, 4^{15}, 3^2, 2^6\})$	196608
12	$\mathcal{O}(0; \{12, 6, 4^{15}, 3^5, 2^2\})$	1376256
12	$\mathcal{O}(0; \{12, 6, 4^{17}, 3^2, 2^3\})$	786432
12	$\mathcal{O}(0; \{12, 6, 4^{19}, 3^2\})$	3145728
12	$\mathcal{O}(0; \{12, 6^2, 4, 2^{28}\})$	4
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^3, 2^{24}\})$	44
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^6, 2^{20}\})$	340
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^9, 2^{16}\})$	2732
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{12}, 2^{12}\})$	21844
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{15}, 2^8\})$	174764
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{18}, 2^4\})$	1398100
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{21}\})$	11184812
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 2^{25}\})$	16
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^3, 2^{21}\})$	176
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^6, 2^{17}\})$	1360
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^9, 2^{13}\})$	10928
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^{12}, 2^9\})$	87376
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^{15}, 2^5\})$	699056
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^{18}, 2\})$	5592400
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 2^{22}\})$	64
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^3, 2^{18}\})$	704
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^6, 2^{14}\})$	5440
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^9, 2^{10}\})$	43712
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^{12}, 2^6\})$	349504
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^{15}, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 2^{19}\})$	256
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^3, 2^{15}\})$	2816
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^6, 2^{11}\})$	21760
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^9, 2^7\})$	174848
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^{12}, 2^3\})$	1398016
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 2^{16}\})$	1024
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^3, 2^{12}\})$	11264
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^6, 2^8\})$	87040
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^9, 2^4\})$	699392
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^{12}\})$	5592064
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 2^{13}\})$	4096
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 3^3, 2^9\})$	45056
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 3^6, 2^5\})$	348160
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 3^9, 2\})$	2797568
12	$\mathcal{O}(0; \{12, 6^2, 4^{13}, 2^{10}\})$	16384
12	$\mathcal{O}(0; \{12, 6^2, 4^{13}, 3^3, 2^6\})$	180224
12	$\mathcal{O}(0; \{12, 6^2, 4^{13}, 3^6, 2^2\})$	1392640

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^2, 4^{15}, 2^7\})$	65536
12	$\mathcal{O}(0; \{12, 6^2, 4^{15}, 3^3, 2^3\})$	720896
12	$\mathcal{O}(0; \{12, 6^2, 4^{17}, 2^4\})$	262144
12	$\mathcal{O}(0; \{12, 6^2, 4^{17}, 3^3\})$	2883584
12	$\mathcal{O}(0; \{12, 6^2, 4^{19}, 2\})$	1048576
12	$\mathcal{O}(0; \{12, 6^3, 4, 3, 2^{25}\})$	20
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^4, 2^{21}\})$	172
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^7, 2^{17}\})$	1364
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{10}, 2^{13}\})$	10924
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{13}, 2^9\})$	87380
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{16}, 2^5\})$	699052
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{19}, 2\})$	5592404
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3, 2^{22}\})$	80
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^4, 2^{18}\})$	688
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^7, 2^{14}\})$	5456
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^{10}, 2^{10}\})$	43696
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^{13}, 2^6\})$	349520
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^{16}, 2^2\})$	2796208
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3, 2^{19}\})$	320
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^4, 2^{15}\})$	2752
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^7, 2^{11}\})$	21824
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^{10}, 2^7\})$	174784
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^{13}, 2^3\})$	1398080
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3, 2^{16}\})$	1280
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^4, 2^{12}\})$	11008
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^7, 2^8\})$	87296
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^{10}, 2^4\})$	699136
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^{13}\})$	5592320
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3, 2^{13}\})$	5120
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3^4, 2^9\})$	44032
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3^7, 2^5\})$	349184
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3^{10}, 2\})$	2796544
12	$\mathcal{O}(0; \{12, 6^3, 4^{11}, 3, 2^{10}\})$	20480
12	$\mathcal{O}(0; \{12, 6^3, 4^{11}, 3^4, 2^6\})$	176128
12	$\mathcal{O}(0; \{12, 6^3, 4^{11}, 3^7, 2^2\})$	1396736
12	$\mathcal{O}(0; \{12, 6^3, 4^{13}, 3, 2^7\})$	81920
12	$\mathcal{O}(0; \{12, 6^3, 4^{13}, 3^4, 2^3\})$	704512
12	$\mathcal{O}(0; \{12, 6^3, 4^{15}, 3, 2^4\})$	327680
12	$\mathcal{O}(0; \{12, 6^3, 4^{15}, 3^4\})$	2818048
12	$\mathcal{O}(0; \{12, 6^3, 4^{17}, 3, 2\})$	1310720
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^2, 2^{22}\})$	84
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^5, 2^{18}\})$	684
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^8, 2^{14}\})$	5460

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^{11}, 2^{10}\})$	43692
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^{14}, 2^6\})$	349524
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^{17}, 2^2\})$	2796204
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^2, 2^{19}\})$	336
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^5, 2^{15}\})$	2736
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^8, 2^{11}\})$	21840
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^{11}, 2^7\})$	174768
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^{14}, 2^3\})$	1398096
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^2, 2^{16}\})$	1344
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^5, 2^{12}\})$	10944
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^8, 2^8\})$	87360
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^{11}, 2^4\})$	699072
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^{14}\})$	5592384
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^2, 2^{13}\})$	5376
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^5, 2^9\})$	43776
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^8, 2^5\})$	349440
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^{11}, 2\})$	2796288
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 3^2, 2^{10}\})$	21504
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 3^5, 2^6\})$	175104
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 3^8, 2^2\})$	1397760
12	$\mathcal{O}(0; \{12, 6^4, 4^{11}, 3^2, 2^7\})$	86016
12	$\mathcal{O}(0; \{12, 6^4, 4^{11}, 3^5, 2^3\})$	700416
12	$\mathcal{O}(0; \{12, 6^4, 4^{13}, 3^2, 2^4\})$	344064
12	$\mathcal{O}(0; \{12, 6^4, 4^{13}, 3^5\})$	2801664
12	$\mathcal{O}(0; \{12, 6^4, 4^{15}, 3^2, 2\})$	1376256
12	$\mathcal{O}(0; \{12, 6^5, 4, 2^{23}\})$	44
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^3, 2^{19}\})$	340
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^6, 2^{15}\})$	2732
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^9, 2^{11}\})$	21844
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^{12}, 2^7\})$	174764
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^{15}, 2^3\})$	1398100
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 2^{20}\})$	176
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^3, 2^{16}\})$	1360
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^6, 2^{12}\})$	10928
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^9, 2^8\})$	87376
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^{12}, 2^4\})$	699056
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^{15}\})$	5592400
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 2^{17}\})$	704
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^3, 2^{13}\})$	5440
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^6, 2^9\})$	43712
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^9, 2^5\})$	349504
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^{12}, 2\})$	2796224
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 2^{14}\})$	2816

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3^3, 2^{10}\})$	21760
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3^6, 2^6\})$	174848
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3^9, 2^2\})$	1398016
12	$\mathcal{O}(0; \{12, 6^5, 4^9, 2^{11}\})$	11264
12	$\mathcal{O}(0; \{12, 6^5, 4^9, 3^3, 2^7\})$	87040
12	$\mathcal{O}(0; \{12, 6^5, 4^9, 3^6, 2^3\})$	699392
12	$\mathcal{O}(0; \{12, 6^5, 4^{11}, 2^8\})$	45056
12	$\mathcal{O}(0; \{12, 6^5, 4^{11}, 3^3, 2^4\})$	348160
12	$\mathcal{O}(0; \{12, 6^5, 4^{11}, 3^6\})$	2797568
12	$\mathcal{O}(0; \{12, 6^5, 4^{13}, 2^5\})$	180224
12	$\mathcal{O}(0; \{12, 6^5, 4^{13}, 3^3, 2\})$	1392640
12	$\mathcal{O}(0; \{12, 6^5, 4^{15}, 2^2\})$	720896
12	$\mathcal{O}(0; \{12, 6^6, 4, 3, 2^{20}\})$	172
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^4, 2^{16}\})$	1364
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^7, 2^{12}\})$	10924
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^{10}, 2^8\})$	87380
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^{13}, 2^4\})$	699052
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^{16}\})$	5592404
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3, 2^{17}\})$	688
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^4, 2^{13}\})$	5456
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^7, 2^9\})$	43696
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^{10}, 2^5\})$	349520
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^{13}, 2\})$	2796208
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3, 2^{14}\})$	2752
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^4, 2^{10}\})$	21824
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^7, 2^6\})$	174784
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^{10}, 2^2\})$	1398080
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 3, 2^{11}\})$	11008
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 3^4, 2^7\})$	87296
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 3^7, 2^3\})$	699136
12	$\mathcal{O}(0; \{12, 6^6, 4^9, 3, 2^8\})$	44032
12	$\mathcal{O}(0; \{12, 6^6, 4^9, 3^4, 2^4\})$	349184
12	$\mathcal{O}(0; \{12, 6^6, 4^9, 3^7\})$	2796544
12	$\mathcal{O}(0; \{12, 6^6, 4^{11}, 3, 2^5\})$	176128
12	$\mathcal{O}(0; \{12, 6^6, 4^{11}, 3^4, 2\})$	1396736
12	$\mathcal{O}(0; \{12, 6^6, 4^{13}, 3, 2^2\})$	704512
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^2, 2^{17}\})$	684
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^5, 2^{13}\})$	5460
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^8, 2^9\})$	43692
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^{11}, 2^5\})$	349524
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^{14}, 2\})$	2796204
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^2, 2^{14}\})$	2736
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^5, 2^{10}\})$	21840

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^8, 2^6\})$	174768
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^{11}, 2^2\})$	1398096
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3^2, 2^{11}\})$	10944
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3^5, 2^7\})$	87360
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3^8, 2^3\})$	699072
12	$\mathcal{O}(0; \{12, 6^7, 4^7, 3^2, 2^8\})$	43776
12	$\mathcal{O}(0; \{12, 6^7, 4^7, 3^5, 2^4\})$	349440
12	$\mathcal{O}(0; \{12, 6^7, 4^7, 3^8\})$	2796288
12	$\mathcal{O}(0; \{12, 6^7, 4^9, 3^2, 2^5\})$	175104
12	$\mathcal{O}(0; \{12, 6^7, 4^9, 3^5, 2\})$	1397760
12	$\mathcal{O}(0; \{12, 6^7, 4^{11}, 3^2, 2^2\})$	700416
12	$\mathcal{O}(0; \{12, 6^8, 4, 2^{18}\})$	340
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^3, 2^{14}\})$	2732
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^6, 2^{10}\})$	21844
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^9, 2^6\})$	174764
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^{12}, 2^2\})$	1398100
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 2^{15}\})$	1360
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^3, 2^{11}\})$	10928
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^6, 2^7\})$	87376
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^9, 2^3\})$	699056
12	$\mathcal{O}(0; \{12, 6^8, 4^5, 2^{12}\})$	5440
12	$\mathcal{O}(0; \{12, 6^8, 4^5, 3^3, 2^8\})$	43712
12	$\mathcal{O}(0; \{12, 6^8, 4^5, 3^6, 2^4\})$	349504
12	$\mathcal{O}(0; \{12, 6^8, 4^5, 3^9\})$	2796224
12	$\mathcal{O}(0; \{12, 6^8, 4^7, 2^9\})$	21760
12	$\mathcal{O}(0; \{12, 6^8, 4^7, 3^3, 2^5\})$	174848
12	$\mathcal{O}(0; \{12, 6^8, 4^7, 3^6, 2\})$	1398016
12	$\mathcal{O}(0; \{12, 6^8, 4^9, 2^6\})$	87040
12	$\mathcal{O}(0; \{12, 6^8, 4^9, 3^3, 2^2\})$	699392
12	$\mathcal{O}(0; \{12, 6^8, 4^{11}, 2^3\})$	348160
12	$\mathcal{O}(0; \{12, 6^8, 4^{13}\})$	1392640
12	$\mathcal{O}(0; \{12, 6^9, 4, 3, 2^{15}\})$	1364
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^4, 2^{11}\})$	10924
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^7, 2^7\})$	87380
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^{10}, 2^3\})$	699052
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 3, 2^{12}\})$	5456
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 3^4, 2^8\})$	43696
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 3^7, 2^4\})$	349520
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 3^{10}\})$	2796208
12	$\mathcal{O}(0; \{12, 6^9, 4^5, 3, 2^9\})$	21824
12	$\mathcal{O}(0; \{12, 6^9, 4^5, 3^4, 2^5\})$	174784
12	$\mathcal{O}(0; \{12, 6^9, 4^5, 3^7, 2\})$	1398080
12	$\mathcal{O}(0; \{12, 6^9, 4^7, 3, 2^6\})$	87296

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^9, 4^7, 3^4, 2^2\})$	699136
12	$\mathcal{O}(0; \{12, 6^9, 4^9, 3, 2^3\})$	349184
12	$\mathcal{O}(0; \{12, 6^9, 4^{11}, 3\})$	1396736
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3^2, 2^{12}\})$	5460
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3^5, 2^8\})$	43692
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3^8, 2^4\})$	349524
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3^{11}\})$	2796204
12	$\mathcal{O}(0; \{12, 6^{10}, 4^3, 3^2, 2^9\})$	21840
12	$\mathcal{O}(0; \{12, 6^{10}, 4^3, 3^5, 2^5\})$	174768
12	$\mathcal{O}(0; \{12, 6^{10}, 4^3, 3^8, 2\})$	1398096
12	$\mathcal{O}(0; \{12, 6^{10}, 4^5, 3^2, 2^6\})$	87360
12	$\mathcal{O}(0; \{12, 6^{10}, 4^5, 3^5, 2^2\})$	699072
12	$\mathcal{O}(0; \{12, 6^{10}, 4^7, 3^2, 2^3\})$	349440
12	$\mathcal{O}(0; \{12, 6^{10}, 4^9, 3^2\})$	1397760
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 2^{13}\})$	2732
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 3^3, 2^9\})$	21844
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 3^6, 2^5\})$	174764
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 3^9, 2\})$	1398100
12	$\mathcal{O}(0; \{12, 6^{11}, 4^3, 2^{10}\})$	10928
12	$\mathcal{O}(0; \{12, 6^{11}, 4^3, 3^3, 2^6\})$	87376
12	$\mathcal{O}(0; \{12, 6^{11}, 4^3, 3^6, 2^2\})$	699056
12	$\mathcal{O}(0; \{12, 6^{11}, 4^5, 2^7\})$	43712
12	$\mathcal{O}(0; \{12, 6^{11}, 4^5, 3^3, 2^3\})$	349504
12	$\mathcal{O}(0; \{12, 6^{11}, 4^7, 2^4\})$	174848
12	$\mathcal{O}(0; \{12, 6^{11}, 4^7, 3^3\})$	1398016
12	$\mathcal{O}(0; \{12, 6^{11}, 4^9, 2\})$	699392
12	$\mathcal{O}(0; \{12, 6^{12}, 4, 3, 2^{10}\})$	10924
12	$\mathcal{O}(0; \{12, 6^{12}, 4, 3^4, 2^6\})$	87380
12	$\mathcal{O}(0; \{12, 6^{12}, 4, 3^7, 2^2\})$	699052
12	$\mathcal{O}(0; \{12, 6^{12}, 4^3, 3, 2^7\})$	43696
12	$\mathcal{O}(0; \{12, 6^{12}, 4^3, 3^4, 2^3\})$	349520
12	$\mathcal{O}(0; \{12, 6^{12}, 4^5, 3, 2^4\})$	174784
12	$\mathcal{O}(0; \{12, 6^{12}, 4^5, 3^4\})$	1398080
12	$\mathcal{O}(0; \{12, 6^{12}, 4^7, 3, 2\})$	699136
12	$\mathcal{O}(0; \{12, 6^{13}, 4, 3^2, 2^7\})$	43692
12	$\mathcal{O}(0; \{12, 6^{13}, 4, 3^5, 2^3\})$	349524
12	$\mathcal{O}(0; \{12, 6^{13}, 4^3, 3^2, 2^4\})$	174768
12	$\mathcal{O}(0; \{12, 6^{13}, 4^3, 3^5\})$	1398096
12	$\mathcal{O}(0; \{12, 6^{13}, 4^5, 3^2, 2\})$	699072
12	$\mathcal{O}(0; \{12, 6^{14}, 4, 2^8\})$	21844
12	$\mathcal{O}(0; \{12, 6^{14}, 4, 3^3, 2^4\})$	174764
12	$\mathcal{O}(0; \{12, 6^{14}, 4, 3^6\})$	1398100
12	$\mathcal{O}(0; \{12, 6^{14}, 4^3, 2^5\})$	87376

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^{14}, 4^3, 3^3, 2\})$	699056
12	$\mathcal{O}(0; \{12, 6^{14}, 4^5, 2^2\})$	349504
12	$\mathcal{O}(0; \{12, 6^{15}, 4, 3, 2^5\})$	87380
12	$\mathcal{O}(0; \{12, 6^{15}, 4, 3^4, 2\})$	699052
12	$\mathcal{O}(0; \{12, 6^{15}, 4^3, 3, 2^2\})$	349520
12	$\mathcal{O}(0; \{12, 6^{16}, 4, 3^2, 2^2\})$	349524
12	$\mathcal{O}(0; \{12, 6^{17}, 4, 2^3\})$	174764
12	$\mathcal{O}(0; \{12, 6^{17}, 4^3\})$	699056
12	$\mathcal{O}(0; \{12, 6^{18}, 4, 3\})$	699052
12	$\mathcal{O}(0; \{12^2, 2^{31}\})$	4
12	$\mathcal{O}(0; \{12^2, 3^3, 2^{27}\})$	20
12	$\mathcal{O}(0; \{12^2, 3^6, 2^{23}\})$	172
12	$\mathcal{O}(0; \{12^2, 3^9, 2^{19}\})$	1364
12	$\mathcal{O}(0; \{12^2, 3^{12}, 2^{15}\})$	10924
12	$\mathcal{O}(0; \{12^2, 3^{15}, 2^{11}\})$	87380
12	$\mathcal{O}(0; \{12^2, 3^{18}, 2^7\})$	699052
12	$\mathcal{O}(0; \{12^2, 3^{21}, 2^3\})$	5592404
12	$\mathcal{O}(0; \{12^2, 4^2, 2^{28}\})$	16
12	$\mathcal{O}(0; \{12^2, 4^2, 3^3, 2^{24}\})$	80
12	$\mathcal{O}(0; \{12^2, 4^2, 3^6, 2^{20}\})$	688
12	$\mathcal{O}(0; \{12^2, 4^2, 3^9, 2^{16}\})$	5456
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{12}, 2^{12}\})$	43696
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{15}, 2^8\})$	349520
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{18}, 2^4\})$	2796208
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{21}\})$	22369616
12	$\mathcal{O}(0; \{12^2, 4^4, 2^{25}\})$	64
12	$\mathcal{O}(0; \{12^2, 4^4, 3^3, 2^{21}\})$	320
12	$\mathcal{O}(0; \{12^2, 4^4, 3^6, 2^{17}\})$	2752
12	$\mathcal{O}(0; \{12^2, 4^4, 3^9, 2^{13}\})$	21824
12	$\mathcal{O}(0; \{12^2, 4^4, 3^{12}, 2^9\})$	174784
12	$\mathcal{O}(0; \{12^2, 4^4, 3^{15}, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12^2, 4^4, 3^{18}, 2\})$	11184832
12	$\mathcal{O}(0; \{12^2, 4^6, 2^{22}\})$	256
12	$\mathcal{O}(0; \{12^2, 4^6, 3^3, 2^{18}\})$	1280
12	$\mathcal{O}(0; \{12^2, 4^6, 3^6, 2^{14}\})$	11008
12	$\mathcal{O}(0; \{12^2, 4^6, 3^9, 2^{10}\})$	87296
12	$\mathcal{O}(0; \{12^2, 4^6, 3^{12}, 2^6\})$	699136
12	$\mathcal{O}(0; \{12^2, 4^6, 3^{15}, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12^2, 4^8, 2^{19}\})$	1024
12	$\mathcal{O}(0; \{12^2, 4^8, 3^3, 2^{15}\})$	5120
12	$\mathcal{O}(0; \{12^2, 4^8, 3^6, 2^{11}\})$	44032
12	$\mathcal{O}(0; \{12^2, 4^8, 3^9, 2^7\})$	349184
12	$\mathcal{O}(0; \{12^2, 4^8, 3^{12}, 2^3\})$	2796544

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 4^{10}, 2^{16}\})$	4096
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^3, 2^{12}\})$	20480
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^6, 2^8\})$	176128
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^9, 2^4\})$	1396736
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^{12}\})$	11186176
12	$\mathcal{O}(0; \{12^2, 4^{12}, 2^{13}\})$	16384
12	$\mathcal{O}(0; \{12^2, 4^{12}, 3^3, 2^9\})$	81920
12	$\mathcal{O}(0; \{12^2, 4^{12}, 3^6, 2^5\})$	704512
12	$\mathcal{O}(0; \{12^2, 4^{12}, 3^9, 2\})$	5586944
12	$\mathcal{O}(0; \{12^2, 4^{14}, 2^{10}\})$	65536
12	$\mathcal{O}(0; \{12^2, 4^{14}, 3^3, 2^6\})$	327680
12	$\mathcal{O}(0; \{12^2, 4^{14}, 3^6, 2^2\})$	2818048
12	$\mathcal{O}(0; \{12^2, 4^{16}, 2^7\})$	262144
12	$\mathcal{O}(0; \{12^2, 4^{16}, 3^3, 2^3\})$	1310720
12	$\mathcal{O}(0; \{12^2, 4^{18}, 2^4\})$	1048576
12	$\mathcal{O}(0; \{12^2, 4^{18}, 3^3\})$	5242880
12	$\mathcal{O}(0; \{12^2, 4^{20}, 2\})$	4194304
12	$\mathcal{O}(0; \{12^2, 6, 3, 2^{28}\})$	12
12	$\mathcal{O}(0; \{12^2, 6, 3^4, 2^{24}\})$	84
12	$\mathcal{O}(0; \{12^2, 6, 3^7, 2^{20}\})$	684
12	$\mathcal{O}(0; \{12^2, 6, 3^{10}, 2^{16}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6, 3^{13}, 2^{12}\})$	43692
12	$\mathcal{O}(0; \{12^2, 6, 3^{16}, 2^8\})$	349524
12	$\mathcal{O}(0; \{12^2, 6, 3^{19}, 2^4\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6, 3^{22}\})$	22369620
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3, 2^{25}\})$	48
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^4, 2^{21}\})$	336
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^7, 2^{17}\})$	2736
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{10}, 2^{13}\})$	21840
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{13}, 2^9\})$	174768
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{16}, 2^5\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{19}, 2\})$	11184816
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3, 2^{22}\})$	192
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^4, 2^{18}\})$	1344
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^7, 2^{14}\})$	10944
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^{10}, 2^{10}\})$	87360
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^{13}, 2^6\})$	699072
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^{16}, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3, 2^{19}\})$	768
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^4, 2^{15}\})$	5376
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^7, 2^{11}\})$	43776
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^{10}, 2^7\})$	349440
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^{13}, 2^3\})$	2796288

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3, 2^{16}\})$	3072
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^4, 2^{12}\})$	21504
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^7, 2^8\})$	175104
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^{10}, 2^4\})$	1397760
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^{13}\})$	11185152
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3, 2^{13}\})$	12288
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3^4, 2^9\})$	86016
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3^7, 2^5\})$	700416
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3^{10}, 2\})$	5591040
12	$\mathcal{O}(0; \{12^2, 6, 4^{12}, 3, 2^{10}\})$	49152
12	$\mathcal{O}(0; \{12^2, 6, 4^{12}, 3^4, 2^6\})$	344064
12	$\mathcal{O}(0; \{12^2, 6, 4^{12}, 3^7, 2^2\})$	2801664
12	$\mathcal{O}(0; \{12^2, 6, 4^{14}, 3, 2^7\})$	196608
12	$\mathcal{O}(0; \{12^2, 6, 4^{14}, 3^4, 2^3\})$	1376256
12	$\mathcal{O}(0; \{12^2, 6, 4^{16}, 3, 2^4\})$	786432
12	$\mathcal{O}(0; \{12^2, 6, 4^{16}, 3^4\})$	5505024
12	$\mathcal{O}(0; \{12^2, 6, 4^{18}, 3, 2\})$	3145728
12	$\mathcal{O}(0; \{12^2, 6^2, 3^2, 2^{25}\})$	44
12	$\mathcal{O}(0; \{12^2, 6^2, 3^5, 2^{21}\})$	340
12	$\mathcal{O}(0; \{12^2, 6^2, 3^8, 2^{17}\})$	2732
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{11}, 2^{13}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{14}, 2^9\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{17}, 2^5\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{20}, 2\})$	11184812
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^2, 2^{22}\})$	176
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^5, 2^{18}\})$	1360
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^8, 2^{14}\})$	10928
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^{11}, 2^{10}\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^{14}, 2^6\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^{17}, 2^2\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^2, 2^{19}\})$	704
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^5, 2^{15}\})$	5440
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^8, 2^{11}\})$	43712
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^{11}, 2^7\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^{14}, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^2, 2^{16}\})$	2816
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^5, 2^{12}\})$	21760
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^8, 2^8\})$	174848
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^{11}, 2^4\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^{14}\})$	11184896
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^2, 2^{13}\})$	11264
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^5, 2^9\})$	87040
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^8, 2^5\})$	699392

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^{11}, 2\})$	5592064
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 3^2, 2^{10}\})$	45056
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 3^5, 2^6\})$	348160
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 3^8, 2^2\})$	2797568
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{12}, 3^2, 2^7\})$	180224
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{12}, 3^5, 2^3\})$	1392640
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{14}, 3^2, 2^4\})$	720896
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{14}, 3^5\})$	5570560
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{16}, 3^2, 2\})$	2883584
12	$\mathcal{O}(0; \{12^2, 6^3, 2^{26}\})$	20
12	$\mathcal{O}(0; \{12^2, 6^3, 3^3, 2^{22}\})$	172
12	$\mathcal{O}(0; \{12^2, 6^3, 3^6, 2^{18}\})$	1364
12	$\mathcal{O}(0; \{12^2, 6^3, 3^9, 2^{14}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{12}, 2^{10}\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{15}, 2^6\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{18}, 2^2\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 2^{23}\})$	80
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^3, 2^{19}\})$	688
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^6, 2^{15}\})$	5456
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^9, 2^{11}\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^{12}, 2^7\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^{15}, 2^3\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 2^{20}\})$	320
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^3, 2^{16}\})$	2752
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^6, 2^{12}\})$	21824
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^9, 2^8\})$	174784
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^{12}, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^{15}\})$	11184832
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 2^{17}\})$	1280
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^3, 2^{13}\})$	11008
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^6, 2^9\})$	87296
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^9, 2^5\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^{12}, 2\})$	5592320
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 2^{14}\})$	5120
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3^3, 2^{10}\})$	44032
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3^6, 2^6\})$	349184
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3^9, 2^2\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{10}, 2^{11}\})$	20480
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{10}, 3^3, 2^7\})$	176128
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{10}, 3^6, 2^3\})$	1396736
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{12}, 2^8\})$	81920
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{12}, 3^3, 2^4\})$	704512
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{12}, 3^6\})$	5586944

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{14}, 2^5\})$	327680
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{14}, 3^3, 2\})$	2818048
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{16}, 2^2\})$	1310720
12	$\mathcal{O}(0; \{12^2, 6^4, 3, 2^{23}\})$	84
12	$\mathcal{O}(0; \{12^2, 6^4, 3^4, 2^{19}\})$	684
12	$\mathcal{O}(0; \{12^2, 6^4, 3^7, 2^{15}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6^4, 3^{10}, 2^{11}\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^4, 3^{13}, 2^7\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^4, 3^{16}, 2^3\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3, 2^{20}\})$	336
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^4, 2^{16}\})$	2736
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^7, 2^{12}\})$	21840
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^{10}, 2^8\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^{13}, 2^4\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^{16}\})$	11184816
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3, 2^{17}\})$	1344
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^4, 2^{13}\})$	10944
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^7, 2^9\})$	87360
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^{10}, 2^5\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^{13}, 2\})$	5592384
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3, 2^{14}\})$	5376
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^4, 2^{10}\})$	43776
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^7, 2^6\})$	349440
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^{10}, 2^2\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 3, 2^{11}\})$	21504
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 3^4, 2^7\})$	175104
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 3^7, 2^3\})$	1397760
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{10}, 3, 2^8\})$	86016
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{10}, 3^4, 2^4\})$	700416
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{10}, 3^7\})$	5591040
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{12}, 3, 2^5\})$	344064
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{12}, 3^4, 2\})$	2801664
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{14}, 3, 2^2\})$	1376256
12	$\mathcal{O}(0; \{12^2, 6^5, 3^2, 2^{20}\})$	340
12	$\mathcal{O}(0; \{12^2, 6^5, 3^5, 2^{16}\})$	2732
12	$\mathcal{O}(0; \{12^2, 6^5, 3^8, 2^{12}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^5, 3^{11}, 2^8\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^5, 3^{14}, 2^4\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^5, 3^{17}\})$	11184812
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^2, 2^{17}\})$	1360
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^5, 2^{13}\})$	10928
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^8, 2^9\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^{11}, 2^5\})$	699056

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^{14}, 2\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^2, 2^{14}\})$	5440
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^5, 2^{10}\})$	43712
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^8, 2^6\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^{11}, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3^2, 2^{11}\})$	21760
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3^5, 2^7\})$	174848
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3^8, 2^3\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^5, 4^8, 3^2, 2^8\})$	87040
12	$\mathcal{O}(0; \{12^2, 6^5, 4^8, 3^5, 2^4\})$	699392
12	$\mathcal{O}(0; \{12^2, 6^5, 4^8, 3^8\})$	5592064
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{10}, 3^2, 2^5\})$	348160
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{10}, 3^5, 2\})$	2797568
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{12}, 3^2, 2^2\})$	1392640
12	$\mathcal{O}(0; \{12^2, 6^6, 2^{21}\})$	172
12	$\mathcal{O}(0; \{12^2, 6^6, 3^3, 2^{17}\})$	1364
12	$\mathcal{O}(0; \{12^2, 6^6, 3^6, 2^{13}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6^6, 3^9, 2^9\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^6, 3^{12}, 2^5\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^6, 3^{15}, 2\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 2^{18}\})$	688
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^3, 2^{14}\})$	5456
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^6, 2^{10}\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^9, 2^6\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^{12}, 2^2\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 2^{15}\})$	2752
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^3, 2^{11}\})$	21824
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^6, 2^7\})$	174784
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^9, 2^3\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^6, 4^6, 2^{12}\})$	11008
12	$\mathcal{O}(0; \{12^2, 6^6, 4^6, 3^3, 2^8\})$	87296
12	$\mathcal{O}(0; \{12^2, 6^6, 4^6, 3^6, 2^4\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^6, 4^6, 3^9\})$	5592320
12	$\mathcal{O}(0; \{12^2, 6^6, 4^8, 2^9\})$	44032
12	$\mathcal{O}(0; \{12^2, 6^6, 4^8, 3^3, 2^5\})$	349184
12	$\mathcal{O}(0; \{12^2, 6^6, 4^8, 3^6, 2\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{10}, 2^6\})$	176128
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{10}, 3^3, 2^2\})$	1396736
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{12}, 2^3\})$	704512
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{14}\})$	2818048
12	$\mathcal{O}(0; \{12^2, 6^7, 3, 2^{18}\})$	684
12	$\mathcal{O}(0; \{12^2, 6^7, 3^4, 2^{14}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6^7, 3^7, 2^{10}\})$	43692

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^7, 3^{10}, 2^6\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^7, 3^{13}, 2^2\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3, 2^{15}\})$	2736
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^4, 2^{11}\})$	21840
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^7, 2^7\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^{10}, 2^3\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 3, 2^{12}\})$	10944
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 3^4, 2^8\})$	87360
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 3^7, 2^4\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 3^{10}\})$	5592384
12	$\mathcal{O}(0; \{12^2, 6^7, 4^6, 3, 2^9\})$	43776
12	$\mathcal{O}(0; \{12^2, 6^7, 4^6, 3^4, 2^5\})$	349440
12	$\mathcal{O}(0; \{12^2, 6^7, 4^6, 3^7, 2\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^7, 4^8, 3, 2^6\})$	175104
12	$\mathcal{O}(0; \{12^2, 6^7, 4^8, 3^4, 2^2\})$	1397760
12	$\mathcal{O}(0; \{12^2, 6^7, 4^{10}, 3, 2^3\})$	700416
12	$\mathcal{O}(0; \{12^2, 6^7, 4^{12}, 3\})$	2801664
12	$\mathcal{O}(0; \{12^2, 6^8, 3^2, 2^{15}\})$	2732
12	$\mathcal{O}(0; \{12^2, 6^8, 3^5, 2^{11}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^8, 3^8, 2^7\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^8, 3^{11}, 2^3\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3^2, 2^{12}\})$	10928
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3^5, 2^8\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3^8, 2^4\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3^{11}\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6^8, 4^4, 3^2, 2^9\})$	43712
12	$\mathcal{O}(0; \{12^2, 6^8, 4^4, 3^5, 2^5\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^8, 4^4, 3^8, 2\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^8, 4^6, 3^2, 2^6\})$	174848
12	$\mathcal{O}(0; \{12^2, 6^8, 4^6, 3^5, 2^2\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^8, 4^8, 3^2, 2^3\})$	699392
12	$\mathcal{O}(0; \{12^2, 6^8, 4^{10}, 3^2\})$	2797568
12	$\mathcal{O}(0; \{12^2, 6^9, 2^{16}\})$	1364
12	$\mathcal{O}(0; \{12^2, 6^9, 3^3, 2^{12}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6^9, 3^6, 2^8\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^9, 3^9, 2^4\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^9, 3^{12}\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 2^{13}\})$	5456
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 3^3, 2^9\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 3^6, 2^5\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 3^9, 2\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^9, 4^4, 2^{10}\})$	21824
12	$\mathcal{O}(0; \{12^2, 6^9, 4^4, 3^3, 2^6\})$	174784

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^9, 4^4, 3^6, 2^2\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^9, 4^6, 2^7\})$	87296
12	$\mathcal{O}(0; \{12^2, 6^9, 4^6, 3^3, 2^3\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^9, 4^8, 2^4\})$	349184
12	$\mathcal{O}(0; \{12^2, 6^9, 4^8, 3^3\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6^9, 4^{10}, 2\})$	1396736
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3, 2^{13}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3^4, 2^9\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3^7, 2^5\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3^{10}, 2\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^2, 3, 2^{10}\})$	21840
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^2, 3^4, 2^6\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^2, 3^7, 2^2\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^4, 3, 2^7\})$	87360
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^4, 3^4, 2^3\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^6, 3, 2^4\})$	349440
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^6, 3^4\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^8, 3, 2\})$	1397760
12	$\mathcal{O}(0; \{12^2, 6^{11}, 3^2, 2^{10}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^{11}, 3^5, 2^6\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^{11}, 3^8, 2^2\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^2, 3^2, 2^7\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^2, 3^5, 2^3\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^4, 3^2, 2^4\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^4, 3^5\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^6, 3^2, 2\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^{12}, 2^{11}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6^{12}, 3^3, 2^7\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^{12}, 3^6, 2^3\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^2, 2^8\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^2, 3^3, 2^4\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^2, 3^6\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^4, 2^5\})$	174784
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^4, 3^3, 2\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^6, 2^2\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^{13}, 3, 2^8\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^{13}, 3^4, 2^4\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^{13}, 3^7\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^2, 3, 2^5\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^2, 3^4, 2\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^4, 3, 2^2\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^{14}, 3^2, 2^5\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^{14}, 3^5, 2\})$	1398100

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^{14}, 4^2, 3^2, 2^2\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^{15}, 2^6\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^{15}, 3^3, 2^2\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^{15}, 4^2, 2^3\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^{15}, 4^4\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^{16}, 3, 2^3\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^{16}, 4^2, 3\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^{17}, 3^2\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^{18}, 2\})$	699052
12	$\mathcal{O}(0; \{12^3, 4, 3^2, 2^{25}\})$	80
12	$\mathcal{O}(0; \{12^3, 4, 3^5, 2^{21}\})$	688
12	$\mathcal{O}(0; \{12^3, 4, 3^8, 2^{17}\})$	5456
12	$\mathcal{O}(0; \{12^3, 4, 3^{11}, 2^{13}\})$	43696
12	$\mathcal{O}(0; \{12^3, 4, 3^{14}, 2^9\})$	349520
12	$\mathcal{O}(0; \{12^3, 4, 3^{17}, 2^5\})$	2796208
12	$\mathcal{O}(0; \{12^3, 4, 3^{20}, 2\})$	22369616
12	$\mathcal{O}(0; \{12^3, 4^3, 3^2, 2^{22}\})$	320
12	$\mathcal{O}(0; \{12^3, 4^3, 3^5, 2^{18}\})$	2752
12	$\mathcal{O}(0; \{12^3, 4^3, 3^8, 2^{14}\})$	21824
12	$\mathcal{O}(0; \{12^3, 4^3, 3^{11}, 2^{10}\})$	174784
12	$\mathcal{O}(0; \{12^3, 4^3, 3^{14}, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12^3, 4^3, 3^{17}, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^3, 4^5, 3^2, 2^{19}\})$	1280
12	$\mathcal{O}(0; \{12^3, 4^5, 3^5, 2^{15}\})$	11008
12	$\mathcal{O}(0; \{12^3, 4^5, 3^8, 2^{11}\})$	87296
12	$\mathcal{O}(0; \{12^3, 4^5, 3^{11}, 2^7\})$	699136
12	$\mathcal{O}(0; \{12^3, 4^5, 3^{14}, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^3, 4^7, 3^2, 2^{16}\})$	5120
12	$\mathcal{O}(0; \{12^3, 4^7, 3^5, 2^{12}\})$	44032
12	$\mathcal{O}(0; \{12^3, 4^7, 3^8, 2^8\})$	349184
12	$\mathcal{O}(0; \{12^3, 4^7, 3^{11}, 2^4\})$	2796544
12	$\mathcal{O}(0; \{12^3, 4^7, 3^{14}\})$	22369280
12	$\mathcal{O}(0; \{12^3, 4^9, 3^2, 2^{13}\})$	20480
12	$\mathcal{O}(0; \{12^3, 4^9, 3^5, 2^9\})$	176128
12	$\mathcal{O}(0; \{12^3, 4^9, 3^8, 2^5\})$	1396736
12	$\mathcal{O}(0; \{12^3, 4^9, 3^{11}, 2\})$	11186176
12	$\mathcal{O}(0; \{12^3, 4^{11}, 3^2, 2^{10}\})$	81920
12	$\mathcal{O}(0; \{12^3, 4^{11}, 3^5, 2^6\})$	704512
12	$\mathcal{O}(0; \{12^3, 4^{11}, 3^8, 2^2\})$	5586944
12	$\mathcal{O}(0; \{12^3, 4^{13}, 3^2, 2^7\})$	327680
12	$\mathcal{O}(0; \{12^3, 4^{13}, 3^5, 2^3\})$	2818048
12	$\mathcal{O}(0; \{12^3, 4^{15}, 3^2, 2^4\})$	1310720
12	$\mathcal{O}(0; \{12^3, 4^{15}, 3^5\})$	11272192

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 4^{17}, 3^2, 2\})$	5242880
12	$\mathcal{O}(0; \{12^3, 6, 4, 2^{26}\})$	48
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^3, 2^{22}\})$	336
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^6, 2^{18}\})$	2736
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^9, 2^{14}\})$	21840
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{12}, 2^{10}\})$	174768
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{15}, 2^6\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{18}, 2^2\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 2^{23}\})$	192
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^3, 2^{19}\})$	1344
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^6, 2^{15}\})$	10944
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^9, 2^{11}\})$	87360
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^{12}, 2^7\})$	699072
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^{15}, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 2^{20}\})$	768
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^3, 2^{16}\})$	5376
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^6, 2^{12}\})$	43776
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^9, 2^8\})$	349440
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^{12}, 2^4\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^{15}\})$	22369536
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 2^{17}\})$	3072
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^3, 2^{13}\})$	21504
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^6, 2^9\})$	175104
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^9, 2^5\})$	1397760
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^{12}, 2\})$	11185152
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 2^{14}\})$	12288
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3^3, 2^{10}\})$	86016
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3^6, 2^6\})$	700416
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3^9, 2^2\})$	5591040
12	$\mathcal{O}(0; \{12^3, 6, 4^{11}, 2^{11}\})$	49152
12	$\mathcal{O}(0; \{12^3, 6, 4^{11}, 3^3, 2^7\})$	344064
12	$\mathcal{O}(0; \{12^3, 6, 4^{11}, 3^6, 2^3\})$	2801664
12	$\mathcal{O}(0; \{12^3, 6, 4^{13}, 2^8\})$	196608
12	$\mathcal{O}(0; \{12^3, 6, 4^{13}, 3^3, 2^4\})$	1376256
12	$\mathcal{O}(0; \{12^3, 6, 4^{13}, 3^6\})$	11206656
12	$\mathcal{O}(0; \{12^3, 6, 4^{15}, 2^9\})$	786432
12	$\mathcal{O}(0; \{12^3, 6, 4^{15}, 3^3, 2\})$	5505024
12	$\mathcal{O}(0; \{12^3, 6, 4^{17}, 2^2\})$	3145728
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3, 2^{23}\})$	176
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^4, 2^{19}\})$	1360
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^7, 2^{15}\})$	10928
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^{10}, 2^{11}\})$	87376
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^{13}, 2^7\})$	699056

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^{16}, 2^3\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3, 2^{20}\})$	704
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^4, 2^{16}\})$	5440
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^7, 2^{12}\})$	43712
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^{10}, 2^8\})$	349504
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^{13}, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^{16}\})$	22369600
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3, 2^{17}\})$	2816
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^4, 2^{13}\})$	21760
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^7, 2^9\})$	174848
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^{10}, 2^5\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^{13}, 2\})$	11184896
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3, 2^{14}\})$	11264
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^4, 2^{10}\})$	87040
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^7, 2^6\})$	699392
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^{10}, 2^2\})$	5592064
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 3, 2^{11}\})$	45056
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 3^4, 2^7\})$	348160
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 3^7, 2^3\})$	2797568
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{11}, 3, 2^8\})$	180224
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{11}, 3^4, 2^4\})$	1392640
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{11}, 3^7\})$	11190272
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{13}, 3, 2^5\})$	720896
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{13}, 3^4, 2\})$	5570560
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{15}, 3, 2^2\})$	2883584
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^2, 2^{20}\})$	688
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^5, 2^{16}\})$	5456
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^8, 2^{12}\})$	43696
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^{11}, 2^8\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^{14}, 2^4\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^{17}\})$	22369616
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^2, 2^{17}\})$	2752
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^5, 2^{13}\})$	21824
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^8, 2^9\})$	174784
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^{11}, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^{14}, 2\})$	11184832
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^2, 2^{14}\})$	11008
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^5, 2^{10}\})$	87296
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^8, 2^6\})$	699136
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^{11}, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3^2, 2^{11}\})$	44032
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3^5, 2^7\})$	349184
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3^8, 2^3\})$	2796544

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^3, 4^9, 3^2, 2^8\})$	176128
12	$\mathcal{O}(0; \{12^3, 6^3, 4^9, 3^5, 2^4\})$	1396736
12	$\mathcal{O}(0; \{12^3, 6^3, 4^9, 3^8\})$	11186176
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{11}, 3^2, 2^5\})$	704512
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{11}, 3^5, 2\})$	5586944
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{13}, 3^2, 2^2\})$	2818048
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 2^{21}\})$	336
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^3, 2^{17}\})$	2736
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^6, 2^{13}\})$	21840
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^9, 2^9\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^{12}, 2^5\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^{15}, 2\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 2^{18}\})$	1344
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^3, 2^{14}\})$	10944
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^6, 2^{10}\})$	87360
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^9, 2^6\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^{12}, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 2^{15}\})$	5376
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^3, 2^{11}\})$	43776
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^6, 2^7\})$	349440
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^9, 2^3\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^4, 4^7, 2^{12}\})$	21504
12	$\mathcal{O}(0; \{12^3, 6^4, 4^7, 3^3, 2^8\})$	175104
12	$\mathcal{O}(0; \{12^3, 6^4, 4^7, 3^6, 2^4\})$	1397760
12	$\mathcal{O}(0; \{12^3, 6^4, 4^7, 3^9\})$	11185152
12	$\mathcal{O}(0; \{12^3, 6^4, 4^9, 2^9\})$	86016
12	$\mathcal{O}(0; \{12^3, 6^4, 4^9, 3^3, 2^5\})$	700416
12	$\mathcal{O}(0; \{12^3, 6^4, 4^9, 3^6, 2\})$	5591040
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{11}, 2^6\})$	344064
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{11}, 3^3, 2^2\})$	2801664
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{13}, 2^3\})$	1376256
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{15}\})$	5505024
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3, 2^{18}\})$	1360
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^4, 2^{14}\})$	10928
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^7, 2^{10}\})$	87376
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^{10}, 2^6\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^{13}, 2^2\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3, 2^{15}\})$	5440
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^4, 2^{11}\})$	43712
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^7, 2^7\})$	349504
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^{10}, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 3, 2^{12}\})$	21760
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 3^4, 2^8\})$	174848

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 3^7, 2^4\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 3^{10}\})$	11184896
12	$\mathcal{O}(0; \{12^3, 6^5, 4^7, 3, 2^9\})$	87040
12	$\mathcal{O}(0; \{12^3, 6^5, 4^7, 3^4, 2^5\})$	699392
12	$\mathcal{O}(0; \{12^3, 6^5, 4^7, 3^7, 2\})$	5592064
12	$\mathcal{O}(0; \{12^3, 6^5, 4^9, 3, 2^6\})$	348160
12	$\mathcal{O}(0; \{12^3, 6^5, 4^9, 3^4, 2^2\})$	2797568
12	$\mathcal{O}(0; \{12^3, 6^5, 4^{11}, 3, 2^3\})$	1392640
12	$\mathcal{O}(0; \{12^3, 6^5, 4^{13}, 3\})$	5570560
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^2, 2^{15}\})$	5456
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^5, 2^{11}\})$	43696
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^8, 2^7\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^{11}, 2^3\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3^2, 2^{12}\})$	21824
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3^5, 2^8\})$	174784
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3^8, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3^{11}\})$	11184832
12	$\mathcal{O}(0; \{12^3, 6^6, 4^5, 3^2, 2^9\})$	87296
12	$\mathcal{O}(0; \{12^3, 6^6, 4^5, 3^5, 2^5\})$	699136
12	$\mathcal{O}(0; \{12^3, 6^6, 4^5, 3^8, 2\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^6, 4^7, 3^2, 2^6\})$	349184
12	$\mathcal{O}(0; \{12^3, 6^6, 4^7, 3^5, 2^2\})$	2796544
12	$\mathcal{O}(0; \{12^3, 6^6, 4^9, 3^2, 2^3\})$	1396736
12	$\mathcal{O}(0; \{12^3, 6^6, 4^{11}, 3^2\})$	5586944
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 2^{16}\})$	2736
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^3, 2^{12}\})$	21840
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^6, 2^8\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^9, 2^4\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^{12}\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 2^{13}\})$	10944
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 3^3, 2^9\})$	87360
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 3^6, 2^5\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 3^9, 2\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^7, 4^5, 2^{10}\})$	43776
12	$\mathcal{O}(0; \{12^3, 6^7, 4^5, 3^3, 2^6\})$	349440
12	$\mathcal{O}(0; \{12^3, 6^7, 4^5, 3^6, 2^2\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^7, 4^7, 2^7\})$	175104
12	$\mathcal{O}(0; \{12^3, 6^7, 4^7, 3^3, 2^3\})$	1397760
12	$\mathcal{O}(0; \{12^3, 6^7, 4^9, 2^4\})$	700416
12	$\mathcal{O}(0; \{12^3, 6^7, 4^9, 3^3\})$	5591040
12	$\mathcal{O}(0; \{12^3, 6^7, 4^{11}, 2\})$	2801664
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3, 2^{13}\})$	10928
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3^4, 2^9\})$	87376

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3^7, 2^5\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3^{10}, 2\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^8, 4^3, 3, 2^{10}\})$	43712
12	$\mathcal{O}(0; \{12^3, 6^8, 4^3, 3^4, 2^6\})$	349504
12	$\mathcal{O}(0; \{12^3, 6^8, 4^3, 3^7, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^8, 4^5, 3, 2^7\})$	174848
12	$\mathcal{O}(0; \{12^3, 6^8, 4^5, 3^4, 2^3\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^8, 4^7, 3, 2^4\})$	699392
12	$\mathcal{O}(0; \{12^3, 6^8, 4^7, 3^4\})$	5592064
12	$\mathcal{O}(0; \{12^3, 6^8, 4^9, 3, 2\})$	2797568
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 3^2, 2^{10}\})$	43696
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 3^5, 2^6\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 3^8, 2^2\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^9, 4^3, 3^2, 2^7\})$	174784
12	$\mathcal{O}(0; \{12^3, 6^9, 4^3, 3^5, 2^3\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^9, 4^5, 3^2, 2^4\})$	699136
12	$\mathcal{O}(0; \{12^3, 6^9, 4^5, 3^5\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^9, 4^7, 3^2, 2\})$	2796544
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4, 2^{11}\})$	21840
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4, 3^3, 2^7\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4, 3^6, 2^3\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^3, 2^8\})$	87360
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^3, 3^3, 2^4\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^3, 3^6\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^5, 2^5\})$	349440
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^5, 3^3, 2\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^7, 2^2\})$	1397760
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4, 3, 2^8\})$	87376
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4, 3^4, 2^4\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4, 3^7\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^3, 3, 2^5\})$	349504
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^3, 3^4, 2\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^5, 3, 2^2\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4, 3^2, 2^5\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4, 3^5, 2\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4^3, 3^2, 2^2\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4, 2^6\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4, 3^3, 2^2\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4^3, 2^3\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4^5\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^{14}, 4, 3, 2^3\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^{14}, 4^3, 3\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^{15}, 4, 3^2\})$	2796208

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^{16}, 4, 2\})$	1398096
12	$\mathcal{O}(0; \{12^4, 3, 2^{26}\})$	80
12	$\mathcal{O}(0; \{12^4, 3^4, 2^{22}\})$	688
12	$\mathcal{O}(0; \{12^4, 3^7, 2^{18}\})$	5456
12	$\mathcal{O}(0; \{12^4, 3^{10}, 2^{14}\})$	43696
12	$\mathcal{O}(0; \{12^4, 3^{13}, 2^{10}\})$	349520
12	$\mathcal{O}(0; \{12^4, 3^{16}, 2^6\})$	2796208
12	$\mathcal{O}(0; \{12^4, 3^{19}, 2^2\})$	22369616
12	$\mathcal{O}(0; \{12^4, 4^2, 3, 2^{23}\})$	320
12	$\mathcal{O}(0; \{12^4, 4^2, 3^4, 2^{19}\})$	2752
12	$\mathcal{O}(0; \{12^4, 4^2, 3^7, 2^{15}\})$	21824
12	$\mathcal{O}(0; \{12^4, 4^2, 3^{10}, 2^{11}\})$	174784
12	$\mathcal{O}(0; \{12^4, 4^2, 3^{13}, 2^7\})$	1398080
12	$\mathcal{O}(0; \{12^4, 4^2, 3^{16}, 2^3\})$	11184832
12	$\mathcal{O}(0; \{12^4, 4^4, 3, 2^{20}\})$	1280
12	$\mathcal{O}(0; \{12^4, 4^4, 3^4, 2^{16}\})$	11008
12	$\mathcal{O}(0; \{12^4, 4^4, 3^7, 2^{12}\})$	87296
12	$\mathcal{O}(0; \{12^4, 4^4, 3^{10}, 2^8\})$	699136
12	$\mathcal{O}(0; \{12^4, 4^4, 3^{13}, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^4, 4^4, 3^{16}\})$	44739328
12	$\mathcal{O}(0; \{12^4, 4^6, 3, 2^{17}\})$	5120
12	$\mathcal{O}(0; \{12^4, 4^6, 3^4, 2^{13}\})$	44032
12	$\mathcal{O}(0; \{12^4, 4^6, 3^7, 2^9\})$	349184
12	$\mathcal{O}(0; \{12^4, 4^6, 3^{10}, 2^5\})$	2796544
12	$\mathcal{O}(0; \{12^4, 4^6, 3^{13}, 2\})$	22369280
12	$\mathcal{O}(0; \{12^4, 4^8, 3, 2^{14}\})$	20480
12	$\mathcal{O}(0; \{12^4, 4^8, 3^4, 2^{10}\})$	176128
12	$\mathcal{O}(0; \{12^4, 4^8, 3^7, 2^6\})$	1396736
12	$\mathcal{O}(0; \{12^4, 4^8, 3^{10}, 2^2\})$	11186176
12	$\mathcal{O}(0; \{12^4, 4^{10}, 3, 2^{11}\})$	81920
12	$\mathcal{O}(0; \{12^4, 4^{10}, 3^4, 2^7\})$	704512
12	$\mathcal{O}(0; \{12^4, 4^{10}, 3^7, 2^3\})$	5586944
12	$\mathcal{O}(0; \{12^4, 4^{12}, 3, 2^8\})$	327680
12	$\mathcal{O}(0; \{12^4, 4^{12}, 3^4, 2^4\})$	2818048
12	$\mathcal{O}(0; \{12^4, 4^{12}, 3^7\})$	22347776
12	$\mathcal{O}(0; \{12^4, 4^{14}, 3, 2^5\})$	1310720
12	$\mathcal{O}(0; \{12^4, 4^{14}, 3^4, 2\})$	11272192
12	$\mathcal{O}(0; \{12^4, 4^{16}, 3, 2^2\})$	5242880
12	$\mathcal{O}(0; \{12^4, 6, 3^2, 2^{23}\})$	336
12	$\mathcal{O}(0; \{12^4, 6, 3^5, 2^{19}\})$	2736
12	$\mathcal{O}(0; \{12^4, 6, 3^8, 2^{15}\})$	21840
12	$\mathcal{O}(0; \{12^4, 6, 3^{11}, 2^{11}\})$	174768
12	$\mathcal{O}(0; \{12^4, 6, 3^{14}, 2^7\})$	1398096

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6, 3^{17}, 2^3\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^2, 2^{20}\})$	1344
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^5, 2^{16}\})$	10944
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^8, 2^{12}\})$	87360
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^{11}, 2^8\})$	699072
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^{14}, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^{17}\})$	44739264
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^2, 2^{17}\})$	5376
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^5, 2^{13}\})$	43776
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^8, 2^9\})$	349440
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^{11}, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^{14}, 2\})$	22369536
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^2, 2^{14}\})$	21504
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^5, 2^{10}\})$	175104
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^8, 2^6\})$	1397760
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^{11}, 2^2\})$	11185152
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3^2, 2^{11}\})$	86016
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3^5, 2^7\})$	700416
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3^8, 2^3\})$	5591040
12	$\mathcal{O}(0; \{12^4, 6, 4^{10}, 3^2, 2^8\})$	344064
12	$\mathcal{O}(0; \{12^4, 6, 4^{10}, 3^5, 2^4\})$	2801664
12	$\mathcal{O}(0; \{12^4, 6, 4^{10}, 3^8\})$	22364160
12	$\mathcal{O}(0; \{12^4, 6, 4^{12}, 3^2, 2^5\})$	1376256
12	$\mathcal{O}(0; \{12^4, 6, 4^{12}, 3^5, 2\})$	11206656
12	$\mathcal{O}(0; \{12^4, 6, 4^{14}, 3^2, 2^2\})$	5505024
12	$\mathcal{O}(0; \{12^4, 6^2, 2^{24}\})$	176
12	$\mathcal{O}(0; \{12^4, 6^2, 3^3, 2^{20}\})$	1360
12	$\mathcal{O}(0; \{12^4, 6^2, 3^6, 2^{16}\})$	10928
12	$\mathcal{O}(0; \{12^4, 6^2, 3^9, 2^{12}\})$	87376
12	$\mathcal{O}(0; \{12^4, 6^2, 3^{12}, 2^8\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^2, 3^{15}, 2^4\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^2, 3^{18}\})$	44739248
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 2^{21}\})$	704
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^3, 2^{17}\})$	5440
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^6, 2^{13}\})$	43712
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^9, 2^9\})$	349504
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^{12}, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^{15}, 2\})$	22369600
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 2^{18}\})$	2816
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^3, 2^{14}\})$	21760
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^6, 2^{10}\})$	174848
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^9, 2^6\})$	1398016
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^{12}, 2^2\})$	11184896

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 2^{15}\})$	11264
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^3, 2^{11}\})$	87040
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^6, 2^7\})$	699392
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^9, 2^3\})$	5592064
12	$\mathcal{O}(0; \{12^4, 6^2, 4^8, 2^{12}\})$	45056
12	$\mathcal{O}(0; \{12^4, 6^2, 4^8, 3^3, 2^8\})$	348160
12	$\mathcal{O}(0; \{12^4, 6^2, 4^8, 3^6, 2^4\})$	2797568
12	$\mathcal{O}(0; \{12^4, 6^2, 4^8, 3^9\})$	22368256
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{10}, 2^9\})$	180224
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{10}, 3^3, 2^5\})$	1392640
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{10}, 3^6, 2\})$	11190272
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{12}, 2^6\})$	720896
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{12}, 3^3, 2^2\})$	5570560
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{14}, 2^3\})$	2883584
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{16}\})$	11534336
12	$\mathcal{O}(0; \{12^4, 6^3, 3, 2^{21}\})$	688
12	$\mathcal{O}(0; \{12^4, 6^3, 3^4, 2^{17}\})$	5456
12	$\mathcal{O}(0; \{12^4, 6^3, 3^7, 2^{13}\})$	43696
12	$\mathcal{O}(0; \{12^4, 6^3, 3^{10}, 2^9\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^3, 3^{13}, 2^5\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^3, 3^{16}, 2\})$	22369616
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3, 2^{18}\})$	2752
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^4, 2^{14}\})$	21824
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^7, 2^{10}\})$	174784
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^{10}, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^{13}, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3, 2^{15}\})$	11008
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^4, 2^{11}\})$	87296
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^7, 2^7\})$	699136
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^{10}, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 3, 2^{12}\})$	44032
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 3^4, 2^8\})$	349184
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 3^7, 2^4\})$	2796544
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 3^{10}\})$	22369280
12	$\mathcal{O}(0; \{12^4, 6^3, 4^8, 3, 2^9\})$	176128
12	$\mathcal{O}(0; \{12^4, 6^3, 4^8, 3^4, 2^5\})$	1396736
12	$\mathcal{O}(0; \{12^4, 6^3, 4^8, 3^7, 2\})$	11186176
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{10}, 3, 2^6\})$	704512
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{10}, 3^4, 2^2\})$	5586944
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{12}, 3, 2^3\})$	2818048
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{14}, 3\})$	11272192
12	$\mathcal{O}(0; \{12^4, 6^4, 3^2, 2^{18}\})$	2736
12	$\mathcal{O}(0; \{12^4, 6^4, 3^5, 2^{14}\})$	21840

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^4, 3^8, 2^{10}\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^4, 3^{11}, 2^6\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^4, 3^{14}, 2^2\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^2, 2^{15}\})$	10944
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^5, 2^{11}\})$	87360
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^8, 2^7\})$	699072
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^{11}, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3^2, 2^{12}\})$	43776
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3^5, 2^8\})$	349440
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3^8, 2^4\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3^{11}\})$	22369536
12	$\mathcal{O}(0; \{12^4, 6^4, 4^6, 3^2, 2^9\})$	175104
12	$\mathcal{O}(0; \{12^4, 6^4, 4^6, 3^5, 2^5\})$	1397760
12	$\mathcal{O}(0; \{12^4, 6^4, 4^6, 3^8, 2\})$	11185152
12	$\mathcal{O}(0; \{12^4, 6^4, 4^8, 3^2, 2^6\})$	700416
12	$\mathcal{O}(0; \{12^4, 6^4, 4^8, 3^5, 2^2\})$	5591040
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{10}, 3^2, 2^3\})$	2801664
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{12}, 3^2\})$	11206656
12	$\mathcal{O}(0; \{12^4, 6^5, 2^{19}\})$	1360
12	$\mathcal{O}(0; \{12^4, 6^5, 3^3, 2^{15}\})$	10928
12	$\mathcal{O}(0; \{12^4, 6^5, 3^6, 2^{11}\})$	87376
12	$\mathcal{O}(0; \{12^4, 6^5, 3^9, 2^7\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^5, 3^{12}, 2^3\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 2^{16}\})$	5440
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^3, 2^{12}\})$	43712
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^6, 2^8\})$	349504
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^9, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^{12}\})$	22369600
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 2^{13}\})$	21760
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 3^3, 2^9\})$	174848
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 3^6, 2^5\})$	1398016
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 3^9, 2\})$	11184896
12	$\mathcal{O}(0; \{12^4, 6^5, 4^6, 2^{10}\})$	87040
12	$\mathcal{O}(0; \{12^4, 6^5, 4^6, 3^3, 2^6\})$	699392
12	$\mathcal{O}(0; \{12^4, 6^5, 4^6, 3^6, 2^2\})$	5592064
12	$\mathcal{O}(0; \{12^4, 6^5, 4^8, 2^7\})$	348160
12	$\mathcal{O}(0; \{12^4, 6^5, 4^8, 3^3, 2^3\})$	2797568
12	$\mathcal{O}(0; \{12^4, 6^5, 4^{10}, 2^4\})$	1392640
12	$\mathcal{O}(0; \{12^4, 6^5, 4^{10}, 3^3\})$	11190272
12	$\mathcal{O}(0; \{12^4, 6^5, 4^{12}, 2\})$	5570560
12	$\mathcal{O}(0; \{12^4, 6^6, 3, 2^{16}\})$	5456
12	$\mathcal{O}(0; \{12^4, 6^6, 3^4, 2^{12}\})$	43696
12	$\mathcal{O}(0; \{12^4, 6^6, 3^7, 2^8\})$	349520

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^6, 3^{10}, 2^4\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^6, 3^{13}\})$	22369616
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3, 2^{13}\})$	21824
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3^4, 2^9\})$	174784
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3^7, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3^{10}, 2\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^6, 4^4, 3, 2^{10}\})$	87296
12	$\mathcal{O}(0; \{12^4, 6^6, 4^4, 3^4, 2^6\})$	699136
12	$\mathcal{O}(0; \{12^4, 6^6, 4^4, 3^7, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^6, 4^6, 3, 2^7\})$	349184
12	$\mathcal{O}(0; \{12^4, 6^6, 4^6, 3^4, 2^3\})$	2796544
12	$\mathcal{O}(0; \{12^4, 6^6, 4^8, 3, 2^4\})$	1396736
12	$\mathcal{O}(0; \{12^4, 6^6, 4^8, 3^4\})$	11186176
12	$\mathcal{O}(0; \{12^4, 6^6, 4^{10}, 3, 2\})$	5586944
12	$\mathcal{O}(0; \{12^4, 6^7, 3^2, 2^{13}\})$	21840
12	$\mathcal{O}(0; \{12^4, 6^7, 3^5, 2^9\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^7, 3^8, 2^5\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^7, 3^{11}, 2\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 3^2, 2^{10}\})$	87360
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 3^5, 2^6\})$	699072
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 3^8, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^7, 4^4, 3^2, 2^7\})$	349440
12	$\mathcal{O}(0; \{12^4, 6^7, 4^4, 3^5, 2^3\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6^7, 4^6, 3^2, 2^4\})$	1397760
12	$\mathcal{O}(0; \{12^4, 6^7, 4^6, 3^5\})$	11185152
12	$\mathcal{O}(0; \{12^4, 6^7, 4^8, 3^2, 2\})$	5591040
12	$\mathcal{O}(0; \{12^4, 6^8, 2^{14}\})$	10928
12	$\mathcal{O}(0; \{12^4, 6^8, 3^3, 2^{10}\})$	87376
12	$\mathcal{O}(0; \{12^4, 6^8, 3^6, 2^6\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^8, 3^9, 2^2\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^8, 4^2, 2^{11}\})$	43712
12	$\mathcal{O}(0; \{12^4, 6^8, 4^2, 3^3, 2^7\})$	349504
12	$\mathcal{O}(0; \{12^4, 6^8, 4^2, 3^6, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^8, 4^4, 2^8\})$	174848
12	$\mathcal{O}(0; \{12^4, 6^8, 4^4, 3^3, 2^4\})$	1398016
12	$\mathcal{O}(0; \{12^4, 6^8, 4^4, 3^6\})$	11184896
12	$\mathcal{O}(0; \{12^4, 6^8, 4^6, 2^5\})$	699392
12	$\mathcal{O}(0; \{12^4, 6^8, 4^6, 3^3, 2\})$	5592064
12	$\mathcal{O}(0; \{12^4, 6^8, 4^8, 2^2\})$	2797568
12	$\mathcal{O}(0; \{12^4, 6^9, 3, 2^{11}\})$	43696
12	$\mathcal{O}(0; \{12^4, 6^9, 3^4, 2^7\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^9, 3^7, 2^3\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^9, 4^2, 3, 2^8\})$	174784

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^9, 4^2, 3^4, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^9, 4^2, 3^7\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^9, 4^4, 3, 2^5\})$	699136
12	$\mathcal{O}(0; \{12^4, 6^9, 4^4, 3^4, 2\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^9, 4^6, 3, 2^2\})$	2796544
12	$\mathcal{O}(0; \{12^4, 6^{10}, 3^2, 2^8\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^{10}, 3^5, 2^4\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^{10}, 3^8\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^2, 3^2, 2^5\})$	699072
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^2, 3^5, 2\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^4, 3^2, 2^2\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6^{11}, 2^9\})$	87376
12	$\mathcal{O}(0; \{12^4, 6^{11}, 3^3, 2^5\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^{11}, 3^6, 2\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^2, 2^6\})$	349504
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^2, 3^3, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^4, 2^3\})$	1398016
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^6\})$	5592064
12	$\mathcal{O}(0; \{12^4, 6^{12}, 3, 2^6\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^{12}, 3^4, 2^2\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^{12}, 4^2, 3, 2^3\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^{12}, 4^4, 3\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^{13}, 3^2, 2^3\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^{13}, 4^2, 3^2\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^{14}, 2^4\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^{14}, 3^3\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^{14}, 4^2, 2\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^{15}, 3, 2\})$	2796208
12	$\mathcal{O}(0; \{12^5, 4, 2^{24}\})$	320
12	$\mathcal{O}(0; \{12^5, 4, 3^3, 2^{20}\})$	2752
12	$\mathcal{O}(0; \{12^5, 4, 3^6, 2^{16}\})$	21824
12	$\mathcal{O}(0; \{12^5, 4, 3^9, 2^{12}\})$	174784
12	$\mathcal{O}(0; \{12^5, 4, 3^{12}, 2^8\})$	1398080
12	$\mathcal{O}(0; \{12^5, 4, 3^{15}, 2^4\})$	11184832
12	$\mathcal{O}(0; \{12^5, 4, 3^{18}\})$	89478464
12	$\mathcal{O}(0; \{12^5, 4^3, 2^{21}\})$	1280
12	$\mathcal{O}(0; \{12^5, 4^3, 3^3, 2^{17}\})$	11008
12	$\mathcal{O}(0; \{12^5, 4^3, 3^6, 2^{13}\})$	87296
12	$\mathcal{O}(0; \{12^5, 4^3, 3^9, 2^9\})$	699136
12	$\mathcal{O}(0; \{12^5, 4^3, 3^{12}, 2^5\})$	5592320
12	$\mathcal{O}(0; \{12^5, 4^3, 3^{15}, 2\})$	44739328
12	$\mathcal{O}(0; \{12^5, 4^5, 2^{18}\})$	5120
12	$\mathcal{O}(0; \{12^5, 4^5, 3^3, 2^{14}\})$	44032

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 4^5, 3^6, 2^{10}\})$	349184
12	$\mathcal{O}(0; \{12^5, 4^5, 3^9, 2^6\})$	2796544
12	$\mathcal{O}(0; \{12^5, 4^5, 3^{12}, 2^2\})$	22369280
12	$\mathcal{O}(0; \{12^5, 4^7, 2^{15}\})$	20480
12	$\mathcal{O}(0; \{12^5, 4^7, 3^3, 2^{11}\})$	176128
12	$\mathcal{O}(0; \{12^5, 4^7, 3^6, 2^7\})$	1396736
12	$\mathcal{O}(0; \{12^5, 4^7, 3^9, 2^3\})$	11186176
12	$\mathcal{O}(0; \{12^5, 4^9, 2^{12}\})$	81920
12	$\mathcal{O}(0; \{12^5, 4^9, 3^3, 2^8\})$	704512
12	$\mathcal{O}(0; \{12^5, 4^9, 3^6, 2^4\})$	5586944
12	$\mathcal{O}(0; \{12^5, 4^9, 3^9\})$	44744704
12	$\mathcal{O}(0; \{12^5, 4^{11}, 2^9\})$	327680
12	$\mathcal{O}(0; \{12^5, 4^{11}, 3^3, 2^5\})$	2818048
12	$\mathcal{O}(0; \{12^5, 4^{11}, 3^6, 2\})$	22347776
12	$\mathcal{O}(0; \{12^5, 4^{13}, 2^6\})$	1310720
12	$\mathcal{O}(0; \{12^5, 4^{13}, 3^3, 2^2\})$	11272192
12	$\mathcal{O}(0; \{12^5, 4^{15}, 2^3\})$	5242880
12	$\mathcal{O}(0; \{12^5, 4^{17}\})$	20971520
12	$\mathcal{O}(0; \{12^5, 6, 4, 3, 2^{21}\})$	1344
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^4, 2^{17}\})$	10944
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^7, 2^{13}\})$	87360
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^{10}, 2^9\})$	699072
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^{13}, 2^5\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^{16}, 2\})$	44739264
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3, 2^{18}\})$	5376
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^4, 2^{14}\})$	43776
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^7, 2^{10}\})$	349440
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^{10}, 2^6\})$	2796288
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^{13}, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3, 2^{15}\})$	21504
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^4, 2^{11}\})$	175104
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^7, 2^7\})$	1397760
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^{10}, 2^3\})$	11185152
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 3, 2^{12}\})$	86016
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 3^4, 2^8\})$	700416
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 3^7, 2^4\})$	5591040
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 3^{10}\})$	44740608
12	$\mathcal{O}(0; \{12^5, 6, 4^9, 3, 2^9\})$	344064
12	$\mathcal{O}(0; \{12^5, 6, 4^9, 3^4, 2^5\})$	2801664
12	$\mathcal{O}(0; \{12^5, 6, 4^9, 3^7, 2\})$	22364160
12	$\mathcal{O}(0; \{12^5, 6, 4^{11}, 3, 2^6\})$	1376256
12	$\mathcal{O}(0; \{12^5, 6, 4^{11}, 3^4, 2^2\})$	11206656
12	$\mathcal{O}(0; \{12^5, 6, 4^{13}, 3, 2^3\})$	5505024

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6, 4^{15}, 3\})$	22020096
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^2, 2^{18}\})$	5440
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^5, 2^{14}\})$	43712
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^8, 2^{10}\})$	349504
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^{11}, 2^6\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^{14}, 2^2\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^2, 2^{15}\})$	21760
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^5, 2^{11}\})$	174848
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^8, 2^7\})$	1398016
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^{11}, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3^2, 2^{12}\})$	87040
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3^5, 2^8\})$	699392
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3^8, 2^4\})$	5592064
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3^{11}\})$	44739584
12	$\mathcal{O}(0; \{12^5, 6^2, 4^7, 3^2, 2^9\})$	348160
12	$\mathcal{O}(0; \{12^5, 6^2, 4^7, 3^5, 2^5\})$	2797568
12	$\mathcal{O}(0; \{12^5, 6^2, 4^7, 3^8, 2\})$	22368256
12	$\mathcal{O}(0; \{12^5, 6^2, 4^9, 3^2, 2^6\})$	1392640
12	$\mathcal{O}(0; \{12^5, 6^2, 4^9, 3^5, 2^2\})$	11190272
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{11}, 3^2, 2^3\})$	5570560
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{13}, 3^2\})$	22282240
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 2^{19}\})$	2752
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^3, 2^{15}\})$	21824
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^6, 2^{11}\})$	174784
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^9, 2^7\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^{12}, 2^3\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 2^{16}\})$	11008
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^3, 2^{12}\})$	87296
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^6, 2^8\})$	699136
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^9, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^{12}\})$	44739328
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 2^{13}\})$	44032
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 3^3, 2^9\})$	349184
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 3^6, 2^5\})$	2796544
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 3^9, 2\})$	22369280
12	$\mathcal{O}(0; \{12^5, 6^3, 4^7, 2^{10}\})$	176128
12	$\mathcal{O}(0; \{12^5, 6^3, 4^7, 3^3, 2^6\})$	1396736
12	$\mathcal{O}(0; \{12^5, 6^3, 4^7, 3^6, 2^2\})$	11186176
12	$\mathcal{O}(0; \{12^5, 6^3, 4^9, 2^7\})$	704512
12	$\mathcal{O}(0; \{12^5, 6^3, 4^9, 3^3, 2^3\})$	5586944
12	$\mathcal{O}(0; \{12^5, 6^3, 4^{11}, 2^4\})$	2818048
12	$\mathcal{O}(0; \{12^5, 6^3, 4^{11}, 3^3\})$	22347776
12	$\mathcal{O}(0; \{12^5, 6^3, 4^{13}, 2\})$	11272192

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3, 2^{16}\})$	10944
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^4, 2^{12}\})$	87360
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^7, 2^8\})$	699072
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^{10}, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^{13}\})$	44739264
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3, 2^{13}\})$	43776
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3^4, 2^9\})$	349440
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3^7, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3^{10}, 2\})$	22369536
12	$\mathcal{O}(0; \{12^5, 6^4, 4^5, 3, 2^{10}\})$	175104
12	$\mathcal{O}(0; \{12^5, 6^4, 4^5, 3^4, 2^6\})$	1397760
12	$\mathcal{O}(0; \{12^5, 6^4, 4^5, 3^7, 2^2\})$	11185152
12	$\mathcal{O}(0; \{12^5, 6^4, 4^7, 3, 2^7\})$	700416
12	$\mathcal{O}(0; \{12^5, 6^4, 4^7, 3^4, 2^3\})$	5591040
12	$\mathcal{O}(0; \{12^5, 6^4, 4^9, 3, 2^4\})$	2801664
12	$\mathcal{O}(0; \{12^5, 6^4, 4^9, 3^4\})$	22364160
12	$\mathcal{O}(0; \{12^5, 6^4, 4^{11}, 3, 2\})$	11206656
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^2, 2^{13}\})$	43712
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^5, 2^9\})$	349504
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^8, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^{11}, 2\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 3^2, 2^{10}\})$	174848
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 3^5, 2^6\})$	1398016
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 3^8, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^5, 4^5, 3^2, 2^7\})$	699392
12	$\mathcal{O}(0; \{12^5, 6^5, 4^5, 3^5, 2^3\})$	5592064
12	$\mathcal{O}(0; \{12^5, 6^5, 4^7, 3^2, 2^4\})$	2797568
12	$\mathcal{O}(0; \{12^5, 6^5, 4^7, 3^5\})$	22368256
12	$\mathcal{O}(0; \{12^5, 6^5, 4^9, 3^2, 2\})$	11190272
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 2^{14}\})$	21824
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3^3, 2^{10}\})$	174784
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3^6, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3^9, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^6, 4^3, 2^{11}\})$	87296
12	$\mathcal{O}(0; \{12^5, 6^6, 4^3, 3^3, 2^7\})$	699136
12	$\mathcal{O}(0; \{12^5, 6^6, 4^3, 3^6, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^6, 4^5, 2^8\})$	349184
12	$\mathcal{O}(0; \{12^5, 6^6, 4^5, 3^3, 2^4\})$	2796544
12	$\mathcal{O}(0; \{12^5, 6^6, 4^5, 3^6\})$	22369280
12	$\mathcal{O}(0; \{12^5, 6^6, 4^7, 2^5\})$	1396736
12	$\mathcal{O}(0; \{12^5, 6^6, 4^7, 3^3, 2\})$	11186176
12	$\mathcal{O}(0; \{12^5, 6^6, 4^9, 2^2\})$	5586944
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 3, 2^{11}\})$	87360

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 3^4, 2^7\})$	699072
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 3^7, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^7, 4^3, 3, 2^8\})$	349440
12	$\mathcal{O}(0; \{12^5, 6^7, 4^3, 3^4, 2^4\})$	2796288
12	$\mathcal{O}(0; \{12^5, 6^7, 4^3, 3^7\})$	22369536
12	$\mathcal{O}(0; \{12^5, 6^7, 4^5, 3, 2^5\})$	1397760
12	$\mathcal{O}(0; \{12^5, 6^7, 4^5, 3^4, 2\})$	11185152
12	$\mathcal{O}(0; \{12^5, 6^7, 4^7, 3, 2^2\})$	5591040
12	$\mathcal{O}(0; \{12^5, 6^8, 4, 3^2, 2^8\})$	349504
12	$\mathcal{O}(0; \{12^5, 6^8, 4, 3^5, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^8, 4, 3^8\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6^8, 4^3, 3^2, 2^5\})$	1398016
12	$\mathcal{O}(0; \{12^5, 6^8, 4^3, 3^5, 2\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^8, 4^5, 3^2, 2^2\})$	5592064
12	$\mathcal{O}(0; \{12^5, 6^9, 4, 2^9\})$	174784
12	$\mathcal{O}(0; \{12^5, 6^9, 4, 3^3, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6^9, 4, 3^6, 2\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^9, 4^3, 2^6\})$	699136
12	$\mathcal{O}(0; \{12^5, 6^9, 4^3, 3^3, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^9, 4^5, 2^3\})$	2796544
12	$\mathcal{O}(0; \{12^5, 6^9, 4^7\})$	11186176
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4, 3, 2^6\})$	699072
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4, 3^4, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4^3, 3, 2^3\})$	2796288
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4^5, 3\})$	11185152
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4, 3^2, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4^3, 3^2\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^{12}, 4, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6^{12}, 4, 3^3\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^{12}, 4^3, 2\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^{13}, 4, 3, 2\})$	5592384
12	$\mathcal{O}(0; \{12^6, 3^2, 2^{21}\})$	2752
12	$\mathcal{O}(0; \{12^6, 3^5, 2^{17}\})$	21824
12	$\mathcal{O}(0; \{12^6, 3^8, 2^{13}\})$	174784
12	$\mathcal{O}(0; \{12^6, 3^{11}, 2^9\})$	1398080
12	$\mathcal{O}(0; \{12^6, 3^{14}, 2^5\})$	11184832
12	$\mathcal{O}(0; \{12^6, 3^{17}, 2\})$	89478464
12	$\mathcal{O}(0; \{12^6, 4^2, 3^2, 2^{18}\})$	11008
12	$\mathcal{O}(0; \{12^6, 4^2, 3^5, 2^{14}\})$	87296
12	$\mathcal{O}(0; \{12^6, 4^2, 3^8, 2^{10}\})$	699136
12	$\mathcal{O}(0; \{12^6, 4^2, 3^{11}, 2^6\})$	5592320
12	$\mathcal{O}(0; \{12^6, 4^2, 3^{14}, 2^2\})$	44739328
12	$\mathcal{O}(0; \{12^6, 4^4, 3^2, 2^{15}\})$	44032

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 4^4, 3^5, 2^{11}\})$	349184
12	$\mathcal{O}(0; \{12^6, 4^4, 3^8, 2^7\})$	2796544
12	$\mathcal{O}(0; \{12^6, 4^4, 3^{11}, 2^3\})$	22369280
12	$\mathcal{O}(0; \{12^6, 4^6, 3^2, 2^{12}\})$	176128
12	$\mathcal{O}(0; \{12^6, 4^6, 3^5, 2^8\})$	1396736
12	$\mathcal{O}(0; \{12^6, 4^6, 3^8, 2^4\})$	11186176
12	$\mathcal{O}(0; \{12^6, 4^6, 3^{11}\})$	89477120
12	$\mathcal{O}(0; \{12^6, 4^8, 3^2, 2^9\})$	704512
12	$\mathcal{O}(0; \{12^6, 4^8, 3^5, 2^5\})$	5586944
12	$\mathcal{O}(0; \{12^6, 4^8, 3^8, 2\})$	44744704
12	$\mathcal{O}(0; \{12^6, 4^{10}, 3^2, 2^6\})$	2818048
12	$\mathcal{O}(0; \{12^6, 4^{10}, 3^5, 2^2\})$	22347776
12	$\mathcal{O}(0; \{12^6, 4^{12}, 3^2, 2^3\})$	11272192
12	$\mathcal{O}(0; \{12^6, 4^{14}, 3^2\})$	45088768
12	$\mathcal{O}(0; \{12^6, 6, 2^{22}\})$	1344
12	$\mathcal{O}(0; \{12^6, 6, 3^3, 2^{18}\})$	10944
12	$\mathcal{O}(0; \{12^6, 6, 3^6, 2^{14}\})$	87360
12	$\mathcal{O}(0; \{12^6, 6, 3^9, 2^{10}\})$	699072
12	$\mathcal{O}(0; \{12^6, 6, 3^{12}, 2^6\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6, 3^{15}, 2^2\})$	44739264
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 2^{19}\})$	5376
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^3, 2^{15}\})$	43776
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^6, 2^{11}\})$	349440
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^9, 2^7\})$	2796288
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^{12}, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 2^{16}\})$	21504
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^3, 2^{12}\})$	175104
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^6, 2^8\})$	1397760
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^9, 2^4\})$	11185152
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^{12}\})$	89478144
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 2^{13}\})$	86016
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 3^3, 2^9\})$	700416
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 3^6, 2^5\})$	5591040
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 3^9, 2\})$	44740608
12	$\mathcal{O}(0; \{12^6, 6, 4^8, 2^{10}\})$	344064
12	$\mathcal{O}(0; \{12^6, 6, 4^8, 3^3, 2^6\})$	2801664
12	$\mathcal{O}(0; \{12^6, 6, 4^8, 3^6, 2^2\})$	22364160
12	$\mathcal{O}(0; \{12^6, 6, 4^{10}, 2^7\})$	1376256
12	$\mathcal{O}(0; \{12^6, 6, 4^{10}, 3^3, 2^3\})$	11206656
12	$\mathcal{O}(0; \{12^6, 6, 4^{12}, 2^4\})$	5505024
12	$\mathcal{O}(0; \{12^6, 6, 4^{12}, 3^3\})$	44826624
12	$\mathcal{O}(0; \{12^6, 6, 4^{14}, 2\})$	22020096
12	$\mathcal{O}(0; \{12^6, 6^2, 3, 2^{19}\})$	5440

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6^2, 3^4, 2^{15}\})$	43712
12	$\mathcal{O}(0; \{12^6, 6^2, 3^7, 2^{11}\})$	349504
12	$\mathcal{O}(0; \{12^6, 6^2, 3^{10}, 2^7\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^2, 3^{13}, 2^3\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3, 2^{16}\})$	21760
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^4, 2^{12}\})$	174848
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^7, 2^8\})$	1398016
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^{10}, 2^4\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^{13}\})$	89478400
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3, 2^{13}\})$	87040
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3^4, 2^9\})$	699392
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3^7, 2^5\})$	5592064
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3^{10}, 2\})$	44739584
12	$\mathcal{O}(0; \{12^6, 6^2, 4^6, 3, 2^{10}\})$	348160
12	$\mathcal{O}(0; \{12^6, 6^2, 4^6, 3^4, 2^6\})$	2797568
12	$\mathcal{O}(0; \{12^6, 6^2, 4^6, 3^7, 2^2\})$	22368256
12	$\mathcal{O}(0; \{12^6, 6^2, 4^8, 3, 2^7\})$	1392640
12	$\mathcal{O}(0; \{12^6, 6^2, 4^8, 3^4, 2^3\})$	11190272
12	$\mathcal{O}(0; \{12^6, 6^2, 4^{10}, 3, 2^4\})$	5570560
12	$\mathcal{O}(0; \{12^6, 6^2, 4^{10}, 3^4\})$	44761088
12	$\mathcal{O}(0; \{12^6, 6^2, 4^{12}, 3, 2\})$	22282240
12	$\mathcal{O}(0; \{12^6, 6^3, 3^2, 2^{16}\})$	21824
12	$\mathcal{O}(0; \{12^6, 6^3, 3^5, 2^{12}\})$	174784
12	$\mathcal{O}(0; \{12^6, 6^3, 3^8, 2^8\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6^3, 3^{11}, 2^4\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^3, 3^{14}\})$	89478464
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^2, 2^{13}\})$	87296
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^5, 2^9\})$	699136
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^8, 2^5\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^{11}, 2\})$	44739328
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 3^2, 2^{10}\})$	349184
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 3^5, 2^6\})$	2796544
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 3^8, 2^2\})$	22369280
12	$\mathcal{O}(0; \{12^6, 6^3, 4^6, 3^2, 2^7\})$	1396736
12	$\mathcal{O}(0; \{12^6, 6^3, 4^6, 3^5, 2^3\})$	11186176
12	$\mathcal{O}(0; \{12^6, 6^3, 4^8, 3^2, 2^4\})$	5586944
12	$\mathcal{O}(0; \{12^6, 6^3, 4^8, 3^5\})$	44744704
12	$\mathcal{O}(0; \{12^6, 6^3, 4^{10}, 3^2, 2\})$	22347776
12	$\mathcal{O}(0; \{12^6, 6^4, 2^{17}\})$	10944
12	$\mathcal{O}(0; \{12^6, 6^4, 3^3, 2^{13}\})$	87360
12	$\mathcal{O}(0; \{12^6, 6^4, 3^6, 2^9\})$	699072
12	$\mathcal{O}(0; \{12^6, 6^4, 3^9, 2^5\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^4, 3^{12}, 2\})$	44739264

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 2^{14}\})$	43776
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3^3, 2^{10}\})$	349440
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3^6, 2^6\})$	2796288
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3^9, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^4, 4^4, 2^{11}\})$	175104
12	$\mathcal{O}(0; \{12^6, 6^4, 4^4, 3^3, 2^7\})$	1397760
12	$\mathcal{O}(0; \{12^6, 6^4, 4^4, 3^6, 2^3\})$	11185152
12	$\mathcal{O}(0; \{12^6, 6^4, 4^6, 2^8\})$	700416
12	$\mathcal{O}(0; \{12^6, 6^4, 4^6, 3^3, 2^4\})$	5591040
12	$\mathcal{O}(0; \{12^6, 6^4, 4^6, 3^6\})$	44740608
12	$\mathcal{O}(0; \{12^6, 6^4, 4^8, 2^5\})$	2801664
12	$\mathcal{O}(0; \{12^6, 6^4, 4^8, 3^3, 2\})$	22364160
12	$\mathcal{O}(0; \{12^6, 6^4, 4^{10}, 2^2\})$	11206656
12	$\mathcal{O}(0; \{12^6, 6^5, 3, 2^{14}\})$	43712
12	$\mathcal{O}(0; \{12^6, 6^5, 3^4, 2^{10}\})$	349504
12	$\mathcal{O}(0; \{12^6, 6^5, 3^7, 2^6\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^5, 3^{10}, 2^2\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 3, 2^{11}\})$	174848
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 3^4, 2^7\})$	1398016
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 3^7, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^5, 4^4, 3, 2^8\})$	699392
12	$\mathcal{O}(0; \{12^6, 6^5, 4^4, 3^4, 2^4\})$	5592064
12	$\mathcal{O}(0; \{12^6, 6^5, 4^4, 3^7\})$	44739584
12	$\mathcal{O}(0; \{12^6, 6^5, 4^6, 3, 2^5\})$	2797568
12	$\mathcal{O}(0; \{12^6, 6^5, 4^6, 3^4, 2\})$	22368256
12	$\mathcal{O}(0; \{12^6, 6^5, 4^8, 3, 2^2\})$	11190272
12	$\mathcal{O}(0; \{12^6, 6^6, 3^2, 2^{11}\})$	174784
12	$\mathcal{O}(0; \{12^6, 6^6, 3^5, 2^7\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6^6, 3^8, 2^3\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^6, 4^2, 3^2, 2^8\})$	699136
12	$\mathcal{O}(0; \{12^6, 6^6, 4^2, 3^5, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6^6, 4^2, 3^8\})$	44739328
12	$\mathcal{O}(0; \{12^6, 6^6, 4^4, 3^2, 2^5\})$	2796544
12	$\mathcal{O}(0; \{12^6, 6^6, 4^4, 3^5, 2\})$	22369280
12	$\mathcal{O}(0; \{12^6, 6^6, 4^6, 3^2, 2^2\})$	11186176
12	$\mathcal{O}(0; \{12^6, 6^7, 2^{12}\})$	87360
12	$\mathcal{O}(0; \{12^6, 6^7, 3^3, 2^8\})$	699072
12	$\mathcal{O}(0; \{12^6, 6^7, 3^6, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^7, 3^9\})$	44739264
12	$\mathcal{O}(0; \{12^6, 6^7, 4^2, 2^9\})$	349440
12	$\mathcal{O}(0; \{12^6, 6^7, 4^2, 3^3, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12^6, 6^7, 4^2, 3^6, 2\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^7, 4^4, 2^6\})$	1397760

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6^7, 4^4, 3^3, 2^2\})$	11185152
12	$\mathcal{O}(0; \{12^6, 6^7, 4^6, 2^3\})$	5591040
12	$\mathcal{O}(0; \{12^6, 6^7, 4^8\})$	22364160
12	$\mathcal{O}(0; \{12^6, 6^8, 3, 2^9\})$	349504
12	$\mathcal{O}(0; \{12^6, 6^8, 3^4, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^8, 3^7, 2\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^8, 4^2, 3, 2^6\})$	1398016
12	$\mathcal{O}(0; \{12^6, 6^8, 4^2, 3^4, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^8, 4^4, 3, 2^3\})$	5592064
12	$\mathcal{O}(0; \{12^6, 6^8, 4^6, 3\})$	22368256
12	$\mathcal{O}(0; \{12^6, 6^9, 3^2, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6^9, 3^5, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^9, 4^2, 3^2, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6^9, 4^4, 3^2\})$	22369280
12	$\mathcal{O}(0; \{12^6, 6^{10}, 2^7\})$	699072
12	$\mathcal{O}(0; \{12^6, 6^{10}, 3^3, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^{10}, 4^2, 2^4\})$	2796288
12	$\mathcal{O}(0; \{12^6, 6^{10}, 4^2, 3^3\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^{10}, 4^4, 2\})$	11185152
12	$\mathcal{O}(0; \{12^6, 6^{11}, 3, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^{11}, 3^4\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^{11}, 4^2, 3, 2\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^{12}, 3^2, 2\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^{13}, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^7, 4, 3, 2^{19}\})$	11008
12	$\mathcal{O}(0; \{12^7, 4, 3^4, 2^{15}\})$	87296
12	$\mathcal{O}(0; \{12^7, 4, 3^7, 2^{11}\})$	699136
12	$\mathcal{O}(0; \{12^7, 4, 3^{10}, 2^7\})$	5592320
12	$\mathcal{O}(0; \{12^7, 4, 3^{13}, 2^3\})$	44739328
12	$\mathcal{O}(0; \{12^7, 4^3, 3, 2^{16}\})$	44032
12	$\mathcal{O}(0; \{12^7, 4^3, 3^4, 2^{12}\})$	349184
12	$\mathcal{O}(0; \{12^7, 4^3, 3^7, 2^8\})$	2796544
12	$\mathcal{O}(0; \{12^7, 4^3, 3^{10}, 2^4\})$	22369280
12	$\mathcal{O}(0; \{12^7, 4^3, 3^{13}\})$	178957312
12	$\mathcal{O}(0; \{12^7, 4^5, 3, 2^{13}\})$	176128
12	$\mathcal{O}(0; \{12^7, 4^5, 3^4, 2^9\})$	1396736
12	$\mathcal{O}(0; \{12^7, 4^5, 3^7, 2^5\})$	11186176
12	$\mathcal{O}(0; \{12^7, 4^5, 3^{10}, 2\})$	89477120
12	$\mathcal{O}(0; \{12^7, 4^7, 3, 2^{10}\})$	704512
12	$\mathcal{O}(0; \{12^7, 4^7, 3^4, 2^6\})$	5586944
12	$\mathcal{O}(0; \{12^7, 4^7, 3^7, 2^2\})$	44744704
12	$\mathcal{O}(0; \{12^7, 4^9, 3, 2^7\})$	2818048
12	$\mathcal{O}(0; \{12^7, 4^9, 3^4, 2^3\})$	22347776

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^7, 4^{11}, 3, 2^4\})$	11272192
12	$\mathcal{O}(0; \{12^7, 4^{11}, 3^4\})$	89391104
12	$\mathcal{O}(0; \{12^7, 4^{13}, 3, 2\})$	45088768
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^2, 2^{16}\})$	43776
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^5, 2^{12}\})$	349440
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^8, 2^8\})$	2796288
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^{11}, 2^4\})$	22369536
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^{14}\})$	178957056
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^2, 2^{13}\})$	175104
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^5, 2^9\})$	1397760
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^8, 2^5\})$	11185152
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^{11}, 2\})$	89478144
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 3^2, 2^{10}\})$	700416
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 3^5, 2^6\})$	5591040
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 3^8, 2^2\})$	44740608
12	$\mathcal{O}(0; \{12^7, 6, 4^7, 3^2, 2^7\})$	2801664
12	$\mathcal{O}(0; \{12^7, 6, 4^7, 3^5, 2^3\})$	22364160
12	$\mathcal{O}(0; \{12^7, 6, 4^9, 3^2, 2^4\})$	11206656
12	$\mathcal{O}(0; \{12^7, 6, 4^9, 3^5\})$	89456640
12	$\mathcal{O}(0; \{12^7, 6, 4^{11}, 3^2, 2\})$	44826624
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 2^{17}\})$	21760
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^3, 2^{13}\})$	174848
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^6, 2^9\})$	1398016
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^9, 2^5\})$	11184896
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^{12}, 2\})$	89478400
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 2^{14}\})$	87040
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3^3, 2^{10}\})$	699392
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3^6, 2^6\})$	5592064
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3^9, 2^2\})$	44739584
12	$\mathcal{O}(0; \{12^7, 6^2, 4^5, 2^{11}\})$	348160
12	$\mathcal{O}(0; \{12^7, 6^2, 4^5, 3^3, 2^7\})$	2797568
12	$\mathcal{O}(0; \{12^7, 6^2, 4^5, 3^6, 2^3\})$	22368256
12	$\mathcal{O}(0; \{12^7, 6^2, 4^7, 2^8\})$	1392640
12	$\mathcal{O}(0; \{12^7, 6^2, 4^7, 3^3, 2^4\})$	11190272
12	$\mathcal{O}(0; \{12^7, 6^2, 4^7, 3^6\})$	89473024
12	$\mathcal{O}(0; \{12^7, 6^2, 4^9, 2^5\})$	5570560
12	$\mathcal{O}(0; \{12^7, 6^2, 4^9, 3^3, 2\})$	44761088
12	$\mathcal{O}(0; \{12^7, 6^2, 4^{11}, 2^2\})$	22282240
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3, 2^{14}\})$	87296
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^4, 2^{10}\})$	699136
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^7, 2^6\})$	5592320
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^{10}, 2^2\})$	44739328
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 3, 2^{11}\})$	349184

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 3^4, 2^7\})$	2796544
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 3^7, 2^3\})$	22369280
12	$\mathcal{O}(0; \{12^7, 6^3, 4^5, 3, 2^8\})$	1396736
12	$\mathcal{O}(0; \{12^7, 6^3, 4^5, 3^4, 2^4\})$	11186176
12	$\mathcal{O}(0; \{12^7, 6^3, 4^5, 3^7\})$	89477120
12	$\mathcal{O}(0; \{12^7, 6^3, 4^7, 3, 2^5\})$	5586944
12	$\mathcal{O}(0; \{12^7, 6^3, 4^7, 3^4, 2\})$	44744704
12	$\mathcal{O}(0; \{12^7, 6^3, 4^9, 3, 2^2\})$	22347776
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3^2, 2^{11}\})$	349440
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3^5, 2^7\})$	2796288
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3^8, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^7, 6^4, 4^3, 3^2, 2^8\})$	1397760
12	$\mathcal{O}(0; \{12^7, 6^4, 4^3, 3^5, 2^4\})$	11185152
12	$\mathcal{O}(0; \{12^7, 6^4, 4^3, 3^8\})$	89478144
12	$\mathcal{O}(0; \{12^7, 6^4, 4^5, 3^2, 2^5\})$	5591040
12	$\mathcal{O}(0; \{12^7, 6^4, 4^5, 3^5, 2\})$	44740608
12	$\mathcal{O}(0; \{12^7, 6^4, 4^7, 3^2, 2^2\})$	22364160
12	$\mathcal{O}(0; \{12^7, 6^5, 4, 2^{12}\})$	174848
12	$\mathcal{O}(0; \{12^7, 6^5, 4, 3^3, 2^8\})$	1398016
12	$\mathcal{O}(0; \{12^7, 6^5, 4, 3^6, 2^4\})$	11184896
12	$\mathcal{O}(0; \{12^7, 6^5, 4, 3^9\})$	89478400
12	$\mathcal{O}(0; \{12^7, 6^5, 4^3, 2^9\})$	699392
12	$\mathcal{O}(0; \{12^7, 6^5, 4^3, 3^3, 2^5\})$	5592064
12	$\mathcal{O}(0; \{12^7, 6^5, 4^3, 3^6, 2\})$	44739584
12	$\mathcal{O}(0; \{12^7, 6^5, 4^5, 2^6\})$	2797568
12	$\mathcal{O}(0; \{12^7, 6^5, 4^5, 3^3, 2^2\})$	22368256
12	$\mathcal{O}(0; \{12^7, 6^5, 4^7, 2^3\})$	11190272
12	$\mathcal{O}(0; \{12^7, 6^5, 4^9\})$	44761088
12	$\mathcal{O}(0; \{12^7, 6^6, 4, 3, 2^9\})$	699136
12	$\mathcal{O}(0; \{12^7, 6^6, 4, 3^4, 2^5\})$	5592320
12	$\mathcal{O}(0; \{12^7, 6^6, 4, 3^7, 2\})$	44739328
12	$\mathcal{O}(0; \{12^7, 6^6, 4^3, 3, 2^6\})$	2796544
12	$\mathcal{O}(0; \{12^7, 6^6, 4^3, 3^4, 2^2\})$	22369280
12	$\mathcal{O}(0; \{12^7, 6^6, 4^5, 3, 2^3\})$	11186176
12	$\mathcal{O}(0; \{12^7, 6^6, 4^7, 3\})$	44744704
12	$\mathcal{O}(0; \{12^7, 6^7, 4, 3^2, 2^6\})$	2796288
12	$\mathcal{O}(0; \{12^7, 6^7, 4, 3^5, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^7, 6^7, 4^3, 3^2, 2^3\})$	11185152
12	$\mathcal{O}(0; \{12^7, 6^7, 4^5, 3^2\})$	44740608
12	$\mathcal{O}(0; \{12^7, 6^8, 4, 2^7\})$	1398016
12	$\mathcal{O}(0; \{12^7, 6^8, 4, 3^3, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^7, 6^8, 4^3, 2^4\})$	5592064
12	$\mathcal{O}(0; \{12^7, 6^8, 4^3, 3^3\})$	44739584

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^7, 6^8, 4^5, 2\})$	22368256
12	$\mathcal{O}(0; \{12^7, 6^9, 4, 3, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^7, 6^9, 4, 3^4\})$	44739328
12	$\mathcal{O}(0; \{12^7, 6^9, 4^3, 3, 2\})$	22369280
12	$\mathcal{O}(0; \{12^7, 6^{10}, 4, 3^2, 2\})$	22369536
12	$\mathcal{O}(0; \{12^7, 6^{11}, 4, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^8, 2^{20}\})$	11008
12	$\mathcal{O}(0; \{12^8, 3^3, 2^{16}\})$	87296
12	$\mathcal{O}(0; \{12^8, 3^6, 2^{12}\})$	699136
12	$\mathcal{O}(0; \{12^8, 3^9, 2^8\})$	5592320
12	$\mathcal{O}(0; \{12^8, 3^{12}, 2^4\})$	44739328
12	$\mathcal{O}(0; \{12^8, 3^{15}\})$	357913856
12	$\mathcal{O}(0; \{12^8, 4^2, 2^{17}\})$	44032
12	$\mathcal{O}(0; \{12^8, 4^2, 3^3, 2^{13}\})$	349184
12	$\mathcal{O}(0; \{12^8, 4^2, 3^6, 2^9\})$	2796544
12	$\mathcal{O}(0; \{12^8, 4^2, 3^9, 2^5\})$	22369280
12	$\mathcal{O}(0; \{12^8, 4^2, 3^{12}, 2\})$	178957312
12	$\mathcal{O}(0; \{12^8, 4^4, 2^{14}\})$	176128
12	$\mathcal{O}(0; \{12^8, 4^4, 3^3, 2^{10}\})$	1396736
12	$\mathcal{O}(0; \{12^8, 4^4, 3^6, 2^6\})$	11186176
12	$\mathcal{O}(0; \{12^8, 4^4, 3^9, 2^2\})$	89477120
12	$\mathcal{O}(0; \{12^8, 4^6, 2^{11}\})$	704512
12	$\mathcal{O}(0; \{12^8, 4^6, 3^3, 2^7\})$	5586944
12	$\mathcal{O}(0; \{12^8, 4^6, 3^6, 2^3\})$	44744704
12	$\mathcal{O}(0; \{12^8, 4^8, 2^8\})$	2818048
12	$\mathcal{O}(0; \{12^8, 4^8, 3^3, 2^4\})$	22347776
12	$\mathcal{O}(0; \{12^8, 4^8, 3^6\})$	178978816
12	$\mathcal{O}(0; \{12^8, 4^{10}, 2^5\})$	11272192
12	$\mathcal{O}(0; \{12^8, 4^{10}, 3^3, 2\})$	89391104
12	$\mathcal{O}(0; \{12^8, 4^{12}, 2^2\})$	45088768
12	$\mathcal{O}(0; \{12^8, 6, 3, 2^{17}\})$	43776
12	$\mathcal{O}(0; \{12^8, 6, 3^4, 2^{13}\})$	349440
12	$\mathcal{O}(0; \{12^8, 6, 3^7, 2^9\})$	2796288
12	$\mathcal{O}(0; \{12^8, 6, 3^{10}, 2^5\})$	22369536
12	$\mathcal{O}(0; \{12^8, 6, 3^{13}, 2\})$	178957056
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3, 2^{14}\})$	175104
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^4, 2^{10}\})$	1397760
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^7, 2^6\})$	11185152
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^{10}, 2^2\})$	89478144
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 3, 2^{11}\})$	700416
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 3^4, 2^7\})$	5591040
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 3^7, 2^3\})$	44740608
12	$\mathcal{O}(0; \{12^8, 6, 4^6, 3, 2^8\})$	2801664

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^8, 6, 4^6, 3^4, 2^4\})$	22364160
12	$\mathcal{O}(0; \{12^8, 6, 4^6, 3^7\})$	178962432
12	$\mathcal{O}(0; \{12^8, 6, 4^8, 3, 2^5\})$	11206656
12	$\mathcal{O}(0; \{12^8, 6, 4^8, 3^4, 2\})$	89456640
12	$\mathcal{O}(0; \{12^8, 6, 4^{10}, 3, 2^2\})$	44826624
12	$\mathcal{O}(0; \{12^8, 6^2, 3^2, 2^{14}\})$	174848
12	$\mathcal{O}(0; \{12^8, 6^2, 3^5, 2^{10}\})$	1398016
12	$\mathcal{O}(0; \{12^8, 6^2, 3^8, 2^6\})$	11184896
12	$\mathcal{O}(0; \{12^8, 6^2, 3^{11}, 2^2\})$	89478400
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3^2, 2^{11}\})$	699392
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3^5, 2^7\})$	5592064
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3^8, 2^3\})$	44739584
12	$\mathcal{O}(0; \{12^8, 6^2, 4^4, 3^2, 2^8\})$	2797568
12	$\mathcal{O}(0; \{12^8, 6^2, 4^4, 3^5, 2^4\})$	22368256
12	$\mathcal{O}(0; \{12^8, 6^2, 4^4, 3^8\})$	178958336
12	$\mathcal{O}(0; \{12^8, 6^2, 4^6, 3^2, 2^5\})$	11190272
12	$\mathcal{O}(0; \{12^8, 6^2, 4^6, 3^5, 2\})$	89473024
12	$\mathcal{O}(0; \{12^8, 6^2, 4^8, 3^2, 2^2\})$	44761088
12	$\mathcal{O}(0; \{12^8, 6^3, 2^{15}\})$	87296
12	$\mathcal{O}(0; \{12^8, 6^3, 3^3, 2^{11}\})$	699136
12	$\mathcal{O}(0; \{12^8, 6^3, 3^6, 2^7\})$	5592320
12	$\mathcal{O}(0; \{12^8, 6^3, 3^9, 2^3\})$	44739328
12	$\mathcal{O}(0; \{12^8, 6^3, 4^2, 2^{12}\})$	349184
12	$\mathcal{O}(0; \{12^8, 6^3, 4^2, 3^3, 2^8\})$	2796544
12	$\mathcal{O}(0; \{12^8, 6^3, 4^2, 3^6, 2^4\})$	22369280
12	$\mathcal{O}(0; \{12^8, 6^3, 4^2, 3^9\})$	178957312
12	$\mathcal{O}(0; \{12^8, 6^3, 4^4, 2^9\})$	1396736
12	$\mathcal{O}(0; \{12^8, 6^3, 4^4, 3^3, 2^5\})$	11186176
12	$\mathcal{O}(0; \{12^8, 6^3, 4^4, 3^6, 2\})$	89477120
12	$\mathcal{O}(0; \{12^8, 6^3, 4^6, 2^6\})$	5586944
12	$\mathcal{O}(0; \{12^8, 6^3, 4^6, 3^3, 2^2\})$	44744704
12	$\mathcal{O}(0; \{12^8, 6^3, 4^8, 2^3\})$	22347776
12	$\mathcal{O}(0; \{12^8, 6^3, 4^{10}\})$	89391104
12	$\mathcal{O}(0; \{12^8, 6^4, 3, 2^{12}\})$	349440
12	$\mathcal{O}(0; \{12^8, 6^4, 3^4, 2^8\})$	2796288
12	$\mathcal{O}(0; \{12^8, 6^4, 3^7, 2^4\})$	22369536
12	$\mathcal{O}(0; \{12^8, 6^4, 3^{10}\})$	178957056
12	$\mathcal{O}(0; \{12^8, 6^4, 4^2, 3, 2^9\})$	1397760
12	$\mathcal{O}(0; \{12^8, 6^4, 4^2, 3^4, 2^5\})$	11185152
12	$\mathcal{O}(0; \{12^8, 6^4, 4^2, 3^7, 2\})$	89478144
12	$\mathcal{O}(0; \{12^8, 6^4, 4^4, 3, 2^6\})$	5591040
12	$\mathcal{O}(0; \{12^8, 6^4, 4^4, 3^4, 2^2\})$	44740608
12	$\mathcal{O}(0; \{12^8, 6^4, 4^6, 3, 2^3\})$	22364160

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^8, 6^4, 4^8, 3\})$	89456640
12	$\mathcal{O}(0; \{12^8, 6^5, 3^2, 2^9\})$	1398016
12	$\mathcal{O}(0; \{12^8, 6^5, 3^5, 2^5\})$	11184896
12	$\mathcal{O}(0; \{12^8, 6^5, 3^8, 2\})$	89478400
12	$\mathcal{O}(0; \{12^8, 6^5, 4^2, 3^2, 2^6\})$	5592064
12	$\mathcal{O}(0; \{12^8, 6^5, 4^2, 3^5, 2^2\})$	44739584
12	$\mathcal{O}(0; \{12^8, 6^5, 4^4, 3^2, 2^3\})$	22368256
12	$\mathcal{O}(0; \{12^8, 6^5, 4^6, 3^2\})$	89473024
12	$\mathcal{O}(0; \{12^8, 6^6, 2^{10}\})$	699136
12	$\mathcal{O}(0; \{12^8, 6^6, 3^3, 2^6\})$	5592320
12	$\mathcal{O}(0; \{12^8, 6^6, 3^6, 2^2\})$	44739328
12	$\mathcal{O}(0; \{12^8, 6^6, 4^2, 2^7\})$	2796544
12	$\mathcal{O}(0; \{12^8, 6^6, 4^2, 3^3, 2^3\})$	22369280
12	$\mathcal{O}(0; \{12^8, 6^6, 4^4, 2^4\})$	11186176
12	$\mathcal{O}(0; \{12^8, 6^6, 4^4, 3^3\})$	89477120
12	$\mathcal{O}(0; \{12^8, 6^6, 4^6, 2\})$	44744704
12	$\mathcal{O}(0; \{12^8, 6^7, 3, 2^7\})$	2796288
12	$\mathcal{O}(0; \{12^8, 6^7, 3^4, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^8, 6^7, 4^2, 3, 2^4\})$	11185152
12	$\mathcal{O}(0; \{12^8, 6^7, 4^2, 3^4\})$	89478144
12	$\mathcal{O}(0; \{12^8, 6^7, 4^4, 3, 2\})$	44740608
12	$\mathcal{O}(0; \{12^8, 6^8, 3^2, 2^4\})$	11184896
12	$\mathcal{O}(0; \{12^8, 6^8, 3^5\})$	89478400
12	$\mathcal{O}(0; \{12^8, 6^8, 4^2, 3^2, 2\})$	44739584
12	$\mathcal{O}(0; \{12^8, 6^9, 2^5\})$	5592320
12	$\mathcal{O}(0; \{12^8, 6^9, 3^3, 2\})$	44739328
12	$\mathcal{O}(0; \{12^8, 6^9, 4^2, 2^2\})$	22369280
12	$\mathcal{O}(0; \{12^8, 6^{10}, 3, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^8, 6^{12}\})$	44739328
12	$\mathcal{O}(0; \{12^9, 4, 3^2, 2^{14}\})$	349184
12	$\mathcal{O}(0; \{12^9, 4, 3^5, 2^{10}\})$	2796544
12	$\mathcal{O}(0; \{12^9, 4, 3^8, 2^6\})$	22369280
12	$\mathcal{O}(0; \{12^9, 4, 3^{11}, 2^2\})$	178957312
12	$\mathcal{O}(0; \{12^9, 4^3, 3^2, 2^{11}\})$	1396736
12	$\mathcal{O}(0; \{12^9, 4^3, 3^5, 2^7\})$	11186176
12	$\mathcal{O}(0; \{12^9, 4^3, 3^8, 2^3\})$	89477120
12	$\mathcal{O}(0; \{12^9, 4^5, 3^2, 2^8\})$	5586944
12	$\mathcal{O}(0; \{12^9, 4^5, 3^5, 2^4\})$	44744704
12	$\mathcal{O}(0; \{12^9, 4^5, 3^8\})$	357908480
12	$\mathcal{O}(0; \{12^9, 4^7, 3^2, 2^5\})$	22347776
12	$\mathcal{O}(0; \{12^9, 4^7, 3^5, 2\})$	178978816
12	$\mathcal{O}(0; \{12^9, 4^9, 3^2, 2^2\})$	89391104
12	$\mathcal{O}(0; \{12^9, 6, 4, 2^{15}\})$	175104

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^3, 2^{11}\})$	1397760
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^6, 2^7\})$	11185152
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^9, 2^3\})$	89478144
12	$\mathcal{O}(0; \{12^9, 6, 4^3, 2^{12}\})$	700416
12	$\mathcal{O}(0; \{12^9, 6, 4^3, 3^3, 2^8\})$	5591040
12	$\mathcal{O}(0; \{12^9, 6, 4^3, 3^6, 2^4\})$	44740608
12	$\mathcal{O}(0; \{12^9, 6, 4^3, 3^9\})$	357912576
12	$\mathcal{O}(0; \{12^9, 6, 4^5, 2^9\})$	2801664
12	$\mathcal{O}(0; \{12^9, 6, 4^5, 3^3, 2^5\})$	22364160
12	$\mathcal{O}(0; \{12^9, 6, 4^5, 3^6, 2\})$	178962432
12	$\mathcal{O}(0; \{12^9, 6, 4^7, 2^6\})$	11206656
12	$\mathcal{O}(0; \{12^9, 6, 4^7, 3^3, 2^2\})$	89456640
12	$\mathcal{O}(0; \{12^9, 6, 4^9, 2^3\})$	44826624
12	$\mathcal{O}(0; \{12^9, 6, 4^{11}\})$	179306496
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 3, 2^{12}\})$	699392
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 3^4, 2^8\})$	5592064
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 3^7, 2^4\})$	44739584
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 3^{10}\})$	357913600
12	$\mathcal{O}(0; \{12^9, 6^2, 4^3, 3, 2^9\})$	2797568
12	$\mathcal{O}(0; \{12^9, 6^2, 4^3, 3^4, 2^5\})$	22368256
12	$\mathcal{O}(0; \{12^9, 6^2, 4^3, 3^7, 2\})$	178958336
12	$\mathcal{O}(0; \{12^9, 6^2, 4^5, 3, 2^6\})$	11190272
12	$\mathcal{O}(0; \{12^9, 6^2, 4^5, 3^4, 2^2\})$	89473024
12	$\mathcal{O}(0; \{12^9, 6^2, 4^7, 3, 2^3\})$	44761088
12	$\mathcal{O}(0; \{12^9, 6^2, 4^9, 3\})$	179044352
12	$\mathcal{O}(0; \{12^9, 6^3, 4, 3^2, 2^9\})$	2796544
12	$\mathcal{O}(0; \{12^9, 6^3, 4, 3^5, 2^5\})$	22369280
12	$\mathcal{O}(0; \{12^9, 6^3, 4, 3^8, 2\})$	178957312
12	$\mathcal{O}(0; \{12^9, 6^3, 4^3, 3^2, 2^6\})$	11186176
12	$\mathcal{O}(0; \{12^9, 6^3, 4^3, 3^5, 2^2\})$	89477120
12	$\mathcal{O}(0; \{12^9, 6^3, 4^5, 3^2, 2^3\})$	44744704
12	$\mathcal{O}(0; \{12^9, 6^3, 4^7, 3^2\})$	178978816
12	$\mathcal{O}(0; \{12^9, 6^4, 4, 2^{10}\})$	1397760
12	$\mathcal{O}(0; \{12^9, 6^4, 4, 3^3, 2^6\})$	11185152
12	$\mathcal{O}(0; \{12^9, 6^4, 4, 3^6, 2^2\})$	89478144
12	$\mathcal{O}(0; \{12^9, 6^4, 4^3, 2^7\})$	5591040
12	$\mathcal{O}(0; \{12^9, 6^4, 4^3, 3^3, 2^3\})$	44740608
12	$\mathcal{O}(0; \{12^9, 6^4, 4^5, 2^4\})$	22364160
12	$\mathcal{O}(0; \{12^9, 6^4, 4^5, 3^3\})$	178962432
12	$\mathcal{O}(0; \{12^9, 6^4, 4^7, 2\})$	89456640
12	$\mathcal{O}(0; \{12^9, 6^5, 4, 3, 2^7\})$	5592064
12	$\mathcal{O}(0; \{12^9, 6^5, 4, 3^4, 2^3\})$	44739584
12	$\mathcal{O}(0; \{12^9, 6^5, 4^3, 3, 2^4\})$	22368256

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^9, 6^5, 4^3, 3^4\})$	178958336
12	$\mathcal{O}(0; \{12^9, 6^5, 4^5, 3, 2\})$	89473024
12	$\mathcal{O}(0; \{12^9, 6^6, 4, 3^2, 2^4\})$	22369280
12	$\mathcal{O}(0; \{12^9, 6^6, 4, 3^5\})$	178957312
12	$\mathcal{O}(0; \{12^9, 6^6, 4^3, 3^2, 2\})$	89477120
12	$\mathcal{O}(0; \{12^9, 6^7, 4, 2^5\})$	11185152
12	$\mathcal{O}(0; \{12^9, 6^7, 4, 3^3, 2\})$	89478144
12	$\mathcal{O}(0; \{12^9, 6^7, 4^3, 2^2\})$	44740608
12	$\mathcal{O}(0; \{12^9, 6^8, 4, 3, 2^2\})$	44739584
12	$\mathcal{O}(0; \{12^9, 6^{10}, 4\})$	89478144
12	$\mathcal{O}(0; \{12^{10}, 3, 2^{15}\})$	349184
12	$\mathcal{O}(0; \{12^{10}, 3^4, 2^{11}\})$	2796544
12	$\mathcal{O}(0; \{12^{10}, 3^7, 2^7\})$	22369280
12	$\mathcal{O}(0; \{12^{10}, 3^{10}, 2^3\})$	178957312
12	$\mathcal{O}(0; \{12^{10}, 4^2, 3, 2^{12}\})$	1396736
12	$\mathcal{O}(0; \{12^{10}, 4^2, 3^4, 2^8\})$	11186176
12	$\mathcal{O}(0; \{12^{10}, 4^2, 3^7, 2^4\})$	89477120
12	$\mathcal{O}(0; \{12^{10}, 4^2, 3^{10}\})$	715829248
12	$\mathcal{O}(0; \{12^{10}, 4^4, 3, 2^9\})$	5586944
12	$\mathcal{O}(0; \{12^{10}, 4^4, 3^4, 2^5\})$	44744704
12	$\mathcal{O}(0; \{12^{10}, 4^4, 3^7, 2\})$	357908480
12	$\mathcal{O}(0; \{12^{10}, 4^6, 3, 2^6\})$	22347776
12	$\mathcal{O}(0; \{12^{10}, 4^6, 3^4, 2^2\})$	178978816
12	$\mathcal{O}(0; \{12^{10}, 4^8, 3, 2^3\})$	89391104
12	$\mathcal{O}(0; \{12^{10}, 4^{10}, 3\})$	357564416
12	$\mathcal{O}(0; \{12^{10}, 6, 3^2, 2^{12}\})$	1397760
12	$\mathcal{O}(0; \{12^{10}, 6, 3^5, 2^8\})$	11185152
12	$\mathcal{O}(0; \{12^{10}, 6, 3^8, 2^4\})$	89478144
12	$\mathcal{O}(0; \{12^{10}, 6, 3^{11}\})$	715828224
12	$\mathcal{O}(0; \{12^{10}, 6, 4^2, 3^2, 2^9\})$	5591040
12	$\mathcal{O}(0; \{12^{10}, 6, 4^2, 3^5, 2^5\})$	44740608
12	$\mathcal{O}(0; \{12^{10}, 6, 4^2, 3^8, 2\})$	357912576
12	$\mathcal{O}(0; \{12^{10}, 6, 4^4, 3^2, 2^6\})$	22364160
12	$\mathcal{O}(0; \{12^{10}, 6, 4^4, 3^5, 2^2\})$	178962432
12	$\mathcal{O}(0; \{12^{10}, 6, 4^6, 3^2, 2^3\})$	89456640
12	$\mathcal{O}(0; \{12^{10}, 6, 4^8, 3^2\})$	357826560
12	$\mathcal{O}(0; \{12^{10}, 6^2, 2^{13}\})$	699392
12	$\mathcal{O}(0; \{12^{10}, 6^2, 3^3, 2^9\})$	5592064
12	$\mathcal{O}(0; \{12^{10}, 6^2, 3^6, 2^5\})$	44739584
12	$\mathcal{O}(0; \{12^{10}, 6^2, 3^9, 2\})$	357913600
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^2, 2^{10}\})$	2797568
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^2, 3^3, 2^6\})$	22368256
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^2, 3^6, 2^2\})$	178958336

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^4, 2^7\})$	11190272
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^4, 3^3, 2^3\})$	89473024
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^6, 2^4\})$	44761088
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^6, 3^3\})$	357892096
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^8, 2\})$	179044352
12	$\mathcal{O}(0; \{12^{10}, 6^3, 3, 2^{10}\})$	2796544
12	$\mathcal{O}(0; \{12^{10}, 6^3, 3^4, 2^6\})$	22369280
12	$\mathcal{O}(0; \{12^{10}, 6^3, 3^7, 2^2\})$	178957312
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^2, 3, 2^7\})$	11186176
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^2, 3^4, 2^3\})$	89477120
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^4, 3, 2^4\})$	44744704
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^4, 3^4\})$	357908480
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^6, 3, 2\})$	178978816
12	$\mathcal{O}(0; \{12^{10}, 6^4, 3^2, 2^7\})$	11185152
12	$\mathcal{O}(0; \{12^{10}, 6^4, 3^5, 2^3\})$	89478144
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^2, 3^2, 2^4\})$	44740608
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^2, 3^5\})$	357912576
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^4, 3^2, 2\})$	178962432
12	$\mathcal{O}(0; \{12^{10}, 6^5, 2^8\})$	5592064
12	$\mathcal{O}(0; \{12^{10}, 6^5, 3^3, 2^4\})$	44739584
12	$\mathcal{O}(0; \{12^{10}, 6^5, 3^6\})$	357913600
12	$\mathcal{O}(0; \{12^{10}, 6^5, 4^2, 2^5\})$	22368256
12	$\mathcal{O}(0; \{12^{10}, 6^5, 4^2, 3^3, 2\})$	178958336
12	$\mathcal{O}(0; \{12^{10}, 6^5, 4^4, 2^2\})$	89473024
12	$\mathcal{O}(0; \{12^{10}, 6^6, 3, 2^5\})$	22369280
12	$\mathcal{O}(0; \{12^{10}, 6^6, 3^4, 2\})$	178957312
12	$\mathcal{O}(0; \{12^{10}, 6^6, 4^2, 3, 2^2\})$	89477120
12	$\mathcal{O}(0; \{12^{10}, 6^7, 3^2, 2^2\})$	89478144
12	$\mathcal{O}(0; \{12^{10}, 6^8, 2^3\})$	44739584
12	$\mathcal{O}(0; \{12^{10}, 6^8, 4^2\})$	178958336
12	$\mathcal{O}(0; \{12^{10}, 6^9, 3\})$	178957312
12	$\mathcal{O}(0; \{12^{11}, 4, 2^{13}\})$	1396736
12	$\mathcal{O}(0; \{12^{11}, 4, 3^3, 2^9\})$	11186176
12	$\mathcal{O}(0; \{12^{11}, 4, 3^6, 2^5\})$	89477120
12	$\mathcal{O}(0; \{12^{11}, 4, 3^9, 2\})$	715829248
12	$\mathcal{O}(0; \{12^{11}, 4^3, 2^{10}\})$	5586944
12	$\mathcal{O}(0; \{12^{11}, 4^3, 3^3, 2^6\})$	44744704
12	$\mathcal{O}(0; \{12^{11}, 4^3, 3^6, 2^2\})$	357908480
12	$\mathcal{O}(0; \{12^{11}, 4^5, 2^7\})$	22347776
12	$\mathcal{O}(0; \{12^{11}, 4^5, 3^3, 2^3\})$	178978816
12	$\mathcal{O}(0; \{12^{11}, 4^7, 2^4\})$	89391104
12	$\mathcal{O}(0; \{12^{11}, 4^7, 3^3\})$	715915264
12	$\mathcal{O}(0; \{12^{11}, 4^9, 2\})$	357564416

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{11}, 6, 4, 3, 2^{10}\})$	5591040
12	$\mathcal{O}(0; \{12^{11}, 6, 4, 3^4, 2^6\})$	44740608
12	$\mathcal{O}(0; \{12^{11}, 6, 4, 3^7, 2^2\})$	357912576
12	$\mathcal{O}(0; \{12^{11}, 6, 4^3, 3, 2^7\})$	22364160
12	$\mathcal{O}(0; \{12^{11}, 6, 4^3, 3^4, 2^3\})$	178962432
12	$\mathcal{O}(0; \{12^{11}, 6, 4^5, 3, 2^4\})$	89456640
12	$\mathcal{O}(0; \{12^{11}, 6, 4^5, 3^4\})$	715849728
12	$\mathcal{O}(0; \{12^{11}, 6, 4^7, 3, 2\})$	357826560
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4, 3^2, 2^7\})$	22368256
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4, 3^5, 2^3\})$	178958336
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^3, 3^2, 2^4\})$	89473024
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^3, 3^5\})$	715833344
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^5, 3^2, 2\})$	357892096
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4, 2^8\})$	11186176
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4, 3^3, 2^4\})$	89477120
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4, 3^6\})$	715829248
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4^3, 2^5\})$	44744704
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4^3, 3^3, 2\})$	357908480
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4^5, 2^2\})$	178978816
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4, 3, 2^5\})$	44740608
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4, 3^4, 2\})$	357912576
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4^3, 3, 2^2\})$	178962432
12	$\mathcal{O}(0; \{12^{11}, 6^5, 4, 3^2, 2^2\})$	178958336
12	$\mathcal{O}(0; \{12^{11}, 6^6, 4, 2^3\})$	89477120
12	$\mathcal{O}(0; \{12^{11}, 6^6, 4^3\})$	357908480
12	$\mathcal{O}(0; \{12^{11}, 6^7, 4, 3\})$	357912576
12	$\mathcal{O}(0; \{12^{12}, 3^2, 2^{10}\})$	11186176
12	$\mathcal{O}(0; \{12^{12}, 3^5, 2^6\})$	89477120
12	$\mathcal{O}(0; \{12^{12}, 3^8, 2^2\})$	715829248
12	$\mathcal{O}(0; \{12^{12}, 4^2, 3^2, 2^7\})$	44744704
12	$\mathcal{O}(0; \{12^{12}, 4^2, 3^5, 2^3\})$	357908480
12	$\mathcal{O}(0; \{12^{12}, 4^4, 3^2, 2^4\})$	178978816
12	$\mathcal{O}(0; \{12^{12}, 4^4, 3^5\})$	1431633920
12	$\mathcal{O}(0; \{12^{12}, 4^6, 3^2, 2\})$	715915264
12	$\mathcal{O}(0; \{12^{12}, 6, 2^{11}\})$	5591040
12	$\mathcal{O}(0; \{12^{12}, 6, 3^3, 2^7\})$	44740608
12	$\mathcal{O}(0; \{12^{12}, 6, 3^6, 2^3\})$	357912576
12	$\mathcal{O}(0; \{12^{12}, 6, 4^2, 2^8\})$	22364160
12	$\mathcal{O}(0; \{12^{12}, 6, 4^2, 3^3, 2^4\})$	178962432
12	$\mathcal{O}(0; \{12^{12}, 6, 4^2, 3^6\})$	1431650304
12	$\mathcal{O}(0; \{12^{12}, 6, 4^4, 2^5\})$	89456640
12	$\mathcal{O}(0; \{12^{12}, 6, 4^4, 3^3, 2\})$	715849728
12	$\mathcal{O}(0; \{12^{12}, 6, 4^6, 2^2\})$	357826560

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{12}, 6^2, 3, 2^8\})$	22368256
12	$\mathcal{O}(0; \{12^{12}, 6^2, 3^4, 2^4\})$	178958336
12	$\mathcal{O}(0; \{12^{12}, 6^2, 3^7\})$	1431654400
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^2, 3, 2^5\})$	89473024
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^2, 3^4, 2\})$	715833344
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^4, 3, 2^2\})$	357892096
12	$\mathcal{O}(0; \{12^{12}, 6^3, 3^2, 2^5\})$	89477120
12	$\mathcal{O}(0; \{12^{12}, 6^3, 3^5, 2\})$	715829248
12	$\mathcal{O}(0; \{12^{12}, 6^3, 4^2, 3^2, 2^2\})$	357908480
12	$\mathcal{O}(0; \{12^{12}, 6^4, 2^6\})$	44740608
12	$\mathcal{O}(0; \{12^{12}, 6^4, 3^3, 2^2\})$	357912576
12	$\mathcal{O}(0; \{12^{12}, 6^4, 4^2, 2^3\})$	178962432
12	$\mathcal{O}(0; \{12^{12}, 6^4, 4^4\})$	715849728
12	$\mathcal{O}(0; \{12^{12}, 6^5, 3, 2^3\})$	178958336
12	$\mathcal{O}(0; \{12^{12}, 6^5, 4^2, 3\})$	715833344
12	$\mathcal{O}(0; \{12^{12}, 6^6, 3^2\})$	715829248
12	$\mathcal{O}(0; \{12^{12}, 6^7, 2\})$	357912576
12	$\mathcal{O}(0; \{12^{13}, 4, 3, 2^8\})$	44744704
12	$\mathcal{O}(0; \{12^{13}, 4, 3^4, 2^4\})$	357908480
12	$\mathcal{O}(0; \{12^{13}, 4, 3^7\})$	2863316992
12	$\mathcal{O}(0; \{12^{13}, 4^3, 3, 2^5\})$	178978816
12	$\mathcal{O}(0; \{12^{13}, 4^3, 3^4, 2\})$	1431633920
12	$\mathcal{O}(0; \{12^{13}, 4^5, 3, 2^2\})$	715915264
12	$\mathcal{O}(0; \{12^{13}, 6, 4, 3^2, 2^5\})$	178962432
12	$\mathcal{O}(0; \{12^{13}, 6, 4, 3^5, 2\})$	1431650304
12	$\mathcal{O}(0; \{12^{13}, 6, 4^3, 3^2, 2^2\})$	715849728
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4, 2^6\})$	89473024
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4, 3^3, 2^2\})$	715833344
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4^3, 2^3\})$	357892096
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4^5\})$	1431568384
12	$\mathcal{O}(0; \{12^{13}, 6^3, 4, 3, 2^3\})$	357908480
12	$\mathcal{O}(0; \{12^{13}, 6^3, 4^3, 3\})$	1431633920
12	$\mathcal{O}(0; \{12^{13}, 6^4, 4, 3^2\})$	1431650304
12	$\mathcal{O}(0; \{12^{13}, 6^5, 4, 2\})$	715833344
12	$\mathcal{O}(0; \{12^{14}, 2^9\})$	44744704
12	$\mathcal{O}(0; \{12^{14}, 3^3, 2^5\})$	357908480
12	$\mathcal{O}(0; \{12^{14}, 3^6, 2\})$	2863316992
12	$\mathcal{O}(0; \{12^{14}, 4^2, 2^6\})$	178978816
12	$\mathcal{O}(0; \{12^{14}, 4^2, 3^3, 2^2\})$	1431633920
12	$\mathcal{O}(0; \{12^{14}, 4^4, 2^3\})$	715915264
12	$\mathcal{O}(0; \{12^{14}, 4^6\})$	2863661056
12	$\mathcal{O}(0; \{12^{14}, 6, 3, 2^6\})$	178962432
12	$\mathcal{O}(0; \{12^{14}, 6, 3^4, 2^2\})$	1431650304

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{14}, 6, 4^2, 3, 2^3\})$	715849728
12	$\mathcal{O}(0; \{12^{14}, 6, 4^4, 3\})$	2863398912
12	$\mathcal{O}(0; \{12^{14}, 6^2, 3^2, 2^3\})$	715833344
12	$\mathcal{O}(0; \{12^{14}, 6^2, 4^2, 3^2\})$	2863333376
12	$\mathcal{O}(0; \{12^{14}, 6^3, 2^4\})$	357908480
12	$\mathcal{O}(0; \{12^{14}, 6^3, 3^3\})$	2863316992
12	$\mathcal{O}(0; \{12^{14}, 6^3, 4^2, 2\})$	1431633920
12	$\mathcal{O}(0; \{12^{14}, 6^4, 3, 2\})$	1431650304
12	$\mathcal{O}(0; \{12^{15}, 4, 3^2, 2^3\})$	1431633920
12	$\mathcal{O}(0; \{12^{15}, 4^3, 3^2\})$	5726535680
12	$\mathcal{O}(0; \{12^{15}, 6, 4, 2^4\})$	715849728
12	$\mathcal{O}(0; \{12^{15}, 6, 4, 3^3\})$	5726601216
12	$\mathcal{O}(0; \{12^{15}, 6, 4^3, 2\})$	2863398912
12	$\mathcal{O}(0; \{12^{15}, 6^2, 4, 3, 2\})$	2863333376
12	$\mathcal{O}(0; \{12^{16}, 3, 2^4\})$	1431633920
12	$\mathcal{O}(0; \{12^{16}, 3^4\})$	11453267968
12	$\mathcal{O}(0; \{12^{16}, 4^2, 3, 2\})$	5726535680
12	$\mathcal{O}(0; \{12^{16}, 6, 3^2, 2\})$	5726601216
12	$\mathcal{O}(0; \{12^{16}, 6^2, 2^2\})$	2863333376
12	$\mathcal{O}(0; \{12^{17}, 4, 2^2\})$	5726535680
12	$\mathcal{O}(0; \{12^{18}, 6\})$	22906404864
13	$\mathcal{O}(3; \{13^{11}\})$	275873806973404068
14	$\mathcal{O}(6; \{14, 7^2, 2\})$	1700817371258880
14	$\mathcal{O}(5; \{7^6\})$	1926288550060182
14	$\mathcal{O}(5; \{14, 7^2, 2^5\})$	8677639649280
14	$\mathcal{O}(5; \{14^3, 7, 2^3\})$	53801365825536
14	$\mathcal{O}(5; \{14^5, 2\})$	321072667023360
14	$\mathcal{O}(4; \{7^6, 2^4\})$	9837609847296
14	$\mathcal{O}(4; \{14, 7^2, 2^9\})$	44273671680
14	$\mathcal{O}(4; \{14^2, 7^5, 2^2\})$	59016804349440
14	$\mathcal{O}(4; \{14^3, 7, 2^7\})$	274496764416
14	$\mathcal{O}(4; \{14^4, 7^4\})$	354109680830976
14	$\mathcal{O}(4; \{14^5, 2^5\})$	1638125852160
14	$\mathcal{O}(3; \{7^6, 2^8\})$	50191886976
14	$\mathcal{O}(3; \{14, 7^2, 2^{13}\})$	225886080
14	$\mathcal{O}(3; \{14, 7^9, 2\})$	65040327735936
14	$\mathcal{O}(3; \{14^2, 7^5, 2^6\})$	301106144640
14	$\mathcal{O}(3; \{14^3, 7, 2^{11}\})$	1400493696
14	$\mathcal{O}(3; \{14^4, 7^4, 2^4\})$	1806682045056
14	$\mathcal{O}(3; \{14^5, 2^9\})$	8357784960
14	$\mathcal{O}(3; \{14^6, 7^3, 2^2\})$	10840047093120
14	$\mathcal{O}(3; \{14^8, 7^2\})$	65040327735936
14	$\mathcal{O}(2; \{7^6, 2^{12}\})$	256081056

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
14	$\mathcal{O}(2; \{7^{13}\})$	67197270681450
14	$\mathcal{O}(2; \{14, 7^2, 2^{17}\})$	1152480
14	$\mathcal{O}(2; \{14, 7^9, 2^5\})$	331838406816
14	$\mathcal{O}(2; \{14^2, 7^5, 2^{10}\})$	1536255840
14	$\mathcal{O}(2; \{14^3, 7, 2^{15}\})$	7145376
14	$\mathcal{O}(2; \{14^3, 7^8, 2^3\})$	1991030210400
14	$\mathcal{O}(2; \{14^4, 7^4, 2^8\})$	9217765536
14	$\mathcal{O}(2; \{14^5, 2^{13}\})$	42641760
14	$\mathcal{O}(2; \{14^5, 7^7, 2\})$	11946181492896
14	$\mathcal{O}(2; \{14^6, 7^3, 2^6\})$	55306362720
14	$\mathcal{O}(2; \{14^8, 7^2, 2^4\})$	331838406816
14	$\mathcal{O}(2; \{14^{10}, 7, 2^2\})$	1991030210400
14	$\mathcal{O}(2; \{14^{12}\})$	11946181492896
14	$\mathcal{O}(1; \{7^6, 2^{16}\})$	1306536
14	$\mathcal{O}(1; \{7^{13}, 2^4\})$	365699432280
14	$\mathcal{O}(1; \{14, 7^2, 2^{21}\})$	5880
14	$\mathcal{O}(1; \{14, 7^9, 2^9\})$	1693053096
14	$\mathcal{O}(1; \{14^2, 7^5, 2^{14}\})$	7838040
14	$\mathcal{O}(1; \{14^2, 7^{12}, 2^2\})$	2194196594856
14	$\mathcal{O}(1; \{14^3, 7, 2^{19}\})$	36456
14	$\mathcal{O}(1; \{14^3, 7^8, 2^7\})$	10158317400
14	$\mathcal{O}(1; \{14^4, 7^4, 2^{12}\})$	47029416
14	$\mathcal{O}(1; \{14^4, 7^{11}\})$	13165179567960
14	$\mathcal{O}(1; \{14^5, 2^{17}\})$	217560
14	$\mathcal{O}(1; \{14^5, 7^7, 2^5\})$	60949905576
14	$\mathcal{O}(1; \{14^6, 7^3, 2^{10}\})$	282175320
14	$\mathcal{O}(1; \{14^7, 7^6, 2^3\})$	365699432280
14	$\mathcal{O}(1; \{14^8, 7^2, 2^8\})$	1693053096
14	$\mathcal{O}(1; \{14^9, 7^5, 2\})$	2194196594856
14	$\mathcal{O}(1; \{14^{10}, 7, 2^6\})$	10158317400
14	$\mathcal{O}(1; \{14^{12}, 2^4\})$	60949905576
14	$\mathcal{O}(0; \{7^6, 2^{20}\})$	6666
14	$\mathcal{O}(0; \{7^{13}, 2^8\})$	1865813430
14	$\mathcal{O}(0; \{14, 7^2, 2^{25}\})$	30
14	$\mathcal{O}(0; \{14, 7^9, 2^{13}\})$	8638026
14	$\mathcal{O}(0; \{14, 7^{16}, 2\})$	2418094206390
14	$\mathcal{O}(0; \{14^2, 7^5, 2^{18}\})$	39990
14	$\mathcal{O}(0; \{14^2, 7^{12}, 2^6\})$	11194880586
14	$\mathcal{O}(0; \{14^3, 7, 2^{23}\})$	186
14	$\mathcal{O}(0; \{14^3, 7^8, 2^{11}\})$	51828150
14	$\mathcal{O}(0; \{14^4, 7^4, 2^{16}\})$	239946
14	$\mathcal{O}(0; \{14^4, 7^{11}, 2^4\})$	67169283510
14	$\mathcal{O}(0; \{14^5, 2^{21}\})$	1110

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
14	$\mathcal{O}(0; \{14^5, 7^7, 2^9\})$	310968906
14	$\mathcal{O}(0; \{14^6, 7^3, 2^{14}\})$	1439670
14	$\mathcal{O}(0; \{14^6, 7^{10}, 2^2\})$	403015701066
14	$\mathcal{O}(0; \{14^7, 7^6, 2^7\})$	1865813430
14	$\mathcal{O}(0; \{14^8, 7^2, 2^{12}\})$	8638026
14	$\mathcal{O}(0; \{14^8, 7^9\})$	2418094206390
14	$\mathcal{O}(0; \{14^9, 7^5, 2^5\})$	11194880586
14	$\mathcal{O}(0; \{14^{10}, 7, 2^{10}\})$	51828150
14	$\mathcal{O}(0; \{14^{11}, 7^4, 2^3\})$	67169283510
14	$\mathcal{O}(0; \{14^{12}, 2^8\})$	310968906
14	$\mathcal{O}(0; \{14^{13}, 7^3, 2\})$	403015701066
15	$\mathcal{O}(5; \{5^2, 3^4\})$	13839609375000
15	$\mathcal{O}(5; \{15^2, 5^3\})$	235273359375000
15	$\mathcal{O}(5; \{15^3, 5, 3\})$	179914921875000
15	$\mathcal{O}(4; \{5^2, 3^7\})$	430565625000
15	$\mathcal{O}(4; \{15, 5^5, 3^2\})$	4203140625000
15	$\mathcal{O}(4; \{15^2, 5^3, 3^3\})$	5228296875000
15	$\mathcal{O}(4; \{15^3, 5, 3^4\})$	5597353125000
15	$\mathcal{O}(4; \{15^5, 5^2\})$	83960296875000
15	$\mathcal{O}(4; \{15^6, 3\})$	88265953125000
15	$\mathcal{O}(3; \{5^2, 3^{10}\})$	15582375000
15	$\mathcal{O}(3; \{5^7, 3^4\})$	223894125000
15	$\mathcal{O}(3; \{15, 5^5, 3^5\})$	205486875000
15	$\mathcal{O}(3; \{15^2, 5^3, 3^6\})$	199837125000
15	$\mathcal{O}(3; \{15^2, 5^8\})$	4777592625000
15	$\mathcal{O}(3; \{15^3, 5, 3^7\})$	202570875000
15	$\mathcal{O}(3; \{15^3, 5^6, 3\})$	3583126125000
15	$\mathcal{O}(3; \{15^4, 5^4, 3^2\})$	3284782875000
15	$\mathcal{O}(3; \{15^5, 5^2, 3^3\})$	3209149125000
15	$\mathcal{O}(3; \{15^6, 3^4\})$	3194386875000
15	$\mathcal{O}(3; \{15^8, 5\})$	51358141125000
15	$\mathcal{O}(2; \{5^2, 3^{13}\})$	552825000
15	$\mathcal{O}(2; \{5^7, 3^7\})$	6965595000
15	$\mathcal{O}(2; \{15, 5^5, 3^8\})$	7057125000
15	$\mathcal{O}(2; \{15, 5^{10}, 3^2\})$	84934575000
15	$\mathcal{O}(2; \{15^2, 5^3, 3^9\})$	7043355000
15	$\mathcal{O}(2; \{15^2, 5^8, 3^3\})$	106168725000
15	$\mathcal{O}(2; \{15^3, 5, 3^{10}\})$	7186725000
15	$\mathcal{O}(2; \{15^3, 5^6, 3^4\})$	111475035000
15	$\mathcal{O}(2; \{15^4, 5^4, 3^5\})$	112810725000
15	$\mathcal{O}(2; \{15^5, 5^2, 3^6\})$	113107995000
15	$\mathcal{O}(2; \{15^5, 5^7\})$	1698693525000
15	$\mathcal{O}(2; \{15^6, 3^7\})$	113329125000

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(2; \{15^6, 5^5, 3\})$	1783626075000
15	$\mathcal{O}(2; \{15^7, 5^3, 3^2\})$	1804868325000
15	$\mathcal{O}(2; \{15^8, 5, 3^3\})$	1810142235000
15	$\mathcal{O}(2; \{15^{11}\})$	28962690075000
15	$\mathcal{O}(1; \{5^2, 3^{16}\})$	19661400
15	$\mathcal{O}(1; \{5^7, 3^{10}\})$	252088200
15	$\mathcal{O}(1; \{5^{12}, 3^4\})$	4529849400
15	$\mathcal{O}(1; \{15, 5^5, 3^{11}\})$	252027000
15	$\mathcal{O}(1; \{15, 5^{10}, 3^5\})$	4152357000
15	$\mathcal{O}(1; \{15^2, 5^3, 3^{12}\})$	250705800
15	$\mathcal{O}(1; \{15^2, 5^8, 3^6\})$	4058004600
15	$\mathcal{O}(1; \{15^2, 5^{13}\})$	96636763800
15	$\mathcal{O}(1; \{15^3, 5, 3^{13}\})$	255598200
15	$\mathcal{O}(1; \{15^3, 5^6, 3^7\})$	4034334600
15	$\mathcal{O}(1; \{15^3, 5^{11}, 3\})$	72477574200
15	$\mathcal{O}(1; \{15^4, 5^4, 3^8\})$	4028743800
15	$\mathcal{O}(1; \{15^4, 5^9, 3^2\})$	66437771400
15	$\mathcal{O}(1; \{15^5, 5^2, 3^9\})$	4026040200
15	$\mathcal{O}(1; \{15^5, 5^7, 3^3\})$	64927841400
15	$\mathcal{O}(1; \{15^6, 3^{10}\})$	4030587000
15	$\mathcal{O}(1; \{15^6, 5^5, 3^4\})$	64550277000
15	$\mathcal{O}(1; \{15^7, 5^3, 3^5\})$	64456212600
15	$\mathcal{O}(1; \{15^8, 5, 3^6\})$	64431390600
15	$\mathcal{O}(1; \{15^8, 5^6\})$	1038845230200
15	$\mathcal{O}(1; \{15^9, 5^4, 3\})$	1032805355400
15	$\mathcal{O}(1; \{15^{10}, 5^2, 3^2\})$	1031295713400
15	$\mathcal{O}(1; \{15^{11}, 3^3\})$	1030916997000
15	$\mathcal{O}(0; \{5^2, 3^{19}\})$	699048
15	$\mathcal{O}(0; \{5^7, 3^{13}\})$	8943480
15	$\mathcal{O}(0; \{5^{12}, 3^7\})$	140928648
15	$\mathcal{O}(0; \{15, 5^5, 3^{14}\})$	8956040
15	$\mathcal{O}(0; \{15, 5^{10}, 3^8\})$	142606200
15	$\mathcal{O}(0; \{15, 5^{15}, 3^2\})$	1717986920
15	$\mathcal{O}(0; \{15^2, 5^3, 3^{15}\})$	8912760
15	$\mathcal{O}(0; \{15^2, 5^8, 3^9\})$	143026312
15	$\mathcal{O}(0; \{15^2, 5^{13}, 3^3\})$	2147483640
15	$\mathcal{O}(0; \{15^3, 5, 3^{16}\})$	9087624
15	$\mathcal{O}(0; \{15^3, 5^6, 3^{10}\})$	143128440
15	$\mathcal{O}(0; \{15^3, 5^{11}, 3^4\})$	2254857864
15	$\mathcal{O}(0; \{15^4, 5^4, 3^{11}\})$	143165576
15	$\mathcal{O}(0; \{15^4, 5^9, 3^5\})$	2281701240
15	$\mathcal{O}(0; \{15^5, 5^2, 3^{12}\})$	143128440
15	$\mathcal{O}(0; \{15^5, 5^7, 3^6\})$	2288412808

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(0; \{15^5, 5^{12}\})$	34359738360
15	$\mathcal{O}(0; \{15^6, 3^{13}\})$	143304840
15	$\mathcal{O}(0; \{15^6, 5^5, 3^7\})$	2290087800
15	$\mathcal{O}(0; \{15^6, 5^{10}, 3\})$	36077725320
15	$\mathcal{O}(0; \{15^7, 5^3, 3^8\})$	2290518152
15	$\mathcal{O}(0; \{15^7, 5^8, 3^2\})$	36507221880
15	$\mathcal{O}(0; \{15^8, 5, 3^9\})$	2290579320
15	$\mathcal{O}(0; \{15^8, 5^6, 3^3\})$	36614596744
15	$\mathcal{O}(0; \{15^9, 5^4, 3^4\})$	36641437560
15	$\mathcal{O}(0; \{15^{10}, 5^2, 3^5\})$	36648159368
15	$\mathcal{O}(0; \{15^{11}, 3^6\})$	36649793400
15	$\mathcal{O}(0; \{15^{11}, 5^5\})$	585833539720
15	$\mathcal{O}(0; \{15^{12}, 5^3, 3\})$	586263033720
15	$\mathcal{O}(0; \{15^{13}, 5, 3^2\})$	586370418824
16	$\mathcal{O}(6; \{4^2\})$	562812514467840
16	$\mathcal{O}(5; \{4^2, 2^4\})$	2196875771904
16	$\mathcal{O}(5; \{4^4, 2\})$	8787503087616
16	$\mathcal{O}(5; \{8^2, 4, 2^2\})$	8787503087616
16	$\mathcal{O}(5; \{8^4\})$	70300024700928
16	$\mathcal{O}(5; \{16^2, 8, 4\})$	70368744177664
16	$\mathcal{O}(4; \{4^2, 2^8\})$	8556380160
16	$\mathcal{O}(4; \{4^4, 2^5\})$	34225520640
16	$\mathcal{O}(4; \{4^6, 2^2\})$	136902082560
16	$\mathcal{O}(4; \{8^2, 4, 2^6\})$	34225520640
16	$\mathcal{O}(4; \{8^2, 4^3, 2^3\})$	136902082560
16	$\mathcal{O}(4; \{8^2, 4^5\})$	547608330240
16	$\mathcal{O}(4; \{8^4, 2^4\})$	273804165120
16	$\mathcal{O}(4; \{8^4, 4^2, 2\})$	1095216660480
16	$\mathcal{O}(4; \{16^2, 8, 4, 2^4\})$	274877906944
16	$\mathcal{O}(4; \{16^2, 8, 4^3, 2\})$	1099511627776
16	$\mathcal{O}(4; \{16^2, 8^3, 2^2\})$	2199023255552
16	$\mathcal{O}(4; \{16^4, 4, 2^2\})$	4398046511104
16	$\mathcal{O}(4; \{16^4, 8^2\})$	35184372088832
16	$\mathcal{O}(3; \{4^2, 2^{12}\})$	33030144
16	$\mathcal{O}(3; \{4^4, 2^9\})$	132120576
16	$\mathcal{O}(3; \{4^6, 2^6\})$	528482304
16	$\mathcal{O}(3; \{4^8, 2^3\})$	2113929216
16	$\mathcal{O}(3; \{4^{10}\})$	8455716864
16	$\mathcal{O}(3; \{8^2, 4, 2^{10}\})$	132120576
16	$\mathcal{O}(3; \{8^2, 4^3, 2^7\})$	528482304
16	$\mathcal{O}(3; \{8^2, 4^5, 2^4\})$	2113929216
16	$\mathcal{O}(3; \{8^2, 4^7, 2\})$	8455716864
16	$\mathcal{O}(3; \{8^4, 2^8\})$	1056964608

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(3; \{8^4, 4^2, 2^5\})$	4227858432
16	$\mathcal{O}(3; \{8^4, 4^4, 2^2\})$	16911433728
16	$\mathcal{O}(3; \{8^6, 4, 2^3\})$	33822867456
16	$\mathcal{O}(3; \{8^6, 4^3\})$	135291469824
16	$\mathcal{O}(3; \{8^8, 2\})$	270582939648
16	$\mathcal{O}(3; \{16^2, 8, 4, 2^8\})$	1073741824
16	$\mathcal{O}(3; \{16^2, 8, 4^3, 2^5\})$	4294967296
16	$\mathcal{O}(3; \{16^2, 8, 4^5, 2^2\})$	17179869184
16	$\mathcal{O}(3; \{16^2, 8^3, 2^6\})$	8589934592
16	$\mathcal{O}(3; \{16^2, 8^3, 4^2, 2^3\})$	34359738368
16	$\mathcal{O}(3; \{16^2, 8^3, 4^4\})$	137438953472
16	$\mathcal{O}(3; \{16^2, 8^5, 4, 2\})$	274877906944
16	$\mathcal{O}(3; \{16^4, 4, 2^6\})$	17179869184
16	$\mathcal{O}(3; \{16^4, 4^3, 2^3\})$	68719476736
16	$\mathcal{O}(3; \{16^4, 4^5\})$	274877906944
16	$\mathcal{O}(3; \{16^4, 8^2, 2^4\})$	137438953472
16	$\mathcal{O}(3; \{16^4, 8^2, 4^2, 2\})$	549755813888
16	$\mathcal{O}(3; \{16^6, 8, 2^2\})$	2199023255552
16	$\mathcal{O}(3; \{16^8\})$	35184372088832
16	$\mathcal{O}(2; \{4^2, 2^{16}\})$	122880
16	$\mathcal{O}(2; \{4^4, 2^{13}\})$	491520
16	$\mathcal{O}(2; \{4^6, 2^{10}\})$	1966080
16	$\mathcal{O}(2; \{4^8, 2^7\})$	7864320
16	$\mathcal{O}(2; \{4^{10}, 2^4\})$	31457280
16	$\mathcal{O}(2; \{4^{12}, 2\})$	125829120
16	$\mathcal{O}(2; \{8^2, 4, 2^{14}\})$	491520
16	$\mathcal{O}(2; \{8^2, 4^3, 2^{11}\})$	1966080
16	$\mathcal{O}(2; \{8^2, 4^5, 2^8\})$	7864320
16	$\mathcal{O}(2; \{8^2, 4^7, 2^5\})$	31457280
16	$\mathcal{O}(2; \{8^2, 4^9, 2^2\})$	125829120
16	$\mathcal{O}(2; \{8^4, 2^{12}\})$	3932160
16	$\mathcal{O}(2; \{8^4, 4^2, 2^9\})$	15728640
16	$\mathcal{O}(2; \{8^4, 4^4, 2^6\})$	62914560
16	$\mathcal{O}(2; \{8^4, 4^6, 2^3\})$	251658240
16	$\mathcal{O}(2; \{8^4, 4^8\})$	1006632960
16	$\mathcal{O}(2; \{8^6, 4, 2^7\})$	125829120
16	$\mathcal{O}(2; \{8^6, 4^3, 2^4\})$	503316480
16	$\mathcal{O}(2; \{8^6, 4^5, 2\})$	2013265920
16	$\mathcal{O}(2; \{8^8, 2^5\})$	1006632960
16	$\mathcal{O}(2; \{8^8, 4^2, 2^2\})$	4026531840
16	$\mathcal{O}(2; \{8^{10}, 4\})$	32212254720
16	$\mathcal{O}(2; \{16^2, 8, 4, 2^{12}\})$	4194304
16	$\mathcal{O}(2; \{16^2, 8, 4^3, 2^9\})$	16777216

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(2; \{16^2, 8, 4^5, 2^6\})$	67108864
16	$\mathcal{O}(2; \{16^2, 8, 4^7, 2^3\})$	268435456
16	$\mathcal{O}(2; \{16^2, 8, 4^9\})$	1073741824
16	$\mathcal{O}(2; \{16^2, 8^3, 2^{10}\})$	33554432
16	$\mathcal{O}(2; \{16^2, 8^3, 4^2, 2^7\})$	134217728
16	$\mathcal{O}(2; \{16^2, 8^3, 4^4, 2^4\})$	536870912
16	$\mathcal{O}(2; \{16^2, 8^3, 4^6, 2\})$	2147483648
16	$\mathcal{O}(2; \{16^2, 8^5, 4, 2^5\})$	1073741824
16	$\mathcal{O}(2; \{16^2, 8^5, 4^3, 2^2\})$	4294967296
16	$\mathcal{O}(2; \{16^2, 8^7, 2^3\})$	8589934592
16	$\mathcal{O}(2; \{16^2, 8^7, 4^2\})$	34359738368
16	$\mathcal{O}(2; \{16^4, 4, 2^{10}\})$	67108864
16	$\mathcal{O}(2; \{16^4, 4^3, 2^7\})$	268435456
16	$\mathcal{O}(2; \{16^4, 4^5, 2^4\})$	1073741824
16	$\mathcal{O}(2; \{16^4, 4^7, 2\})$	4294967296
16	$\mathcal{O}(2; \{16^4, 8^2, 2^8\})$	536870912
16	$\mathcal{O}(2; \{16^4, 8^2, 4^2, 2^5\})$	2147483648
16	$\mathcal{O}(2; \{16^4, 8^2, 4^4, 2^2\})$	8589934592
16	$\mathcal{O}(2; \{16^4, 8^4, 4, 2^3\})$	17179869184
16	$\mathcal{O}(2; \{16^4, 8^4, 4^3\})$	68719476736
16	$\mathcal{O}(2; \{16^4, 8^6, 2\})$	137438953472
16	$\mathcal{O}(2; \{16^6, 8, 2^6\})$	8589934592
16	$\mathcal{O}(2; \{16^6, 8, 4^2, 2^3\})$	34359738368
16	$\mathcal{O}(2; \{16^6, 8, 4^4\})$	137438953472
16	$\mathcal{O}(2; \{16^6, 8^3, 4, 2\})$	274877906944
16	$\mathcal{O}(2; \{16^8, 2^4\})$	137438953472
16	$\mathcal{O}(2; \{16^8, 4^2, 2\})$	549755813888
16	$\mathcal{O}(1; \{4^2, 2^{20}\})$	384
16	$\mathcal{O}(1; \{4^4, 2^{17}\})$	1536
16	$\mathcal{O}(1; \{4^6, 2^{14}\})$	6144
16	$\mathcal{O}(1; \{4^8, 2^{11}\})$	24576
16	$\mathcal{O}(1; \{4^{10}, 2^8\})$	98304
16	$\mathcal{O}(1; \{4^{12}, 2^5\})$	393216
16	$\mathcal{O}(1; \{4^{14}, 2^2\})$	1572864
16	$\mathcal{O}(1; \{8^2, 4, 2^{18}\})$	1536
16	$\mathcal{O}(1; \{8^2, 4^3, 2^{15}\})$	6144
16	$\mathcal{O}(1; \{8^2, 4^5, 2^{12}\})$	24576
16	$\mathcal{O}(1; \{8^2, 4^7, 2^9\})$	98304
16	$\mathcal{O}(1; \{8^2, 4^9, 2^6\})$	393216
16	$\mathcal{O}(1; \{8^2, 4^{11}, 2^3\})$	1572864
16	$\mathcal{O}(1; \{8^2, 4^{13}\})$	6291456
16	$\mathcal{O}(1; \{8^4, 2^{16}\})$	12288
16	$\mathcal{O}(1; \{8^4, 4^2, 2^{13}\})$	49152

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(1; \{8^4, 4^4, 2^{10}\})$	196608
16	$\mathcal{O}(1; \{8^4, 4^6, 2^7\})$	786432
16	$\mathcal{O}(1; \{8^4, 4^8, 2^4\})$	3145728
16	$\mathcal{O}(1; \{8^4, 4^{10}, 2\})$	12582912
16	$\mathcal{O}(1; \{8^6, 4, 2^{11}\})$	393216
16	$\mathcal{O}(1; \{8^6, 4^3, 2^8\})$	1572864
16	$\mathcal{O}(1; \{8^6, 4^5, 2^5\})$	6291456
16	$\mathcal{O}(1; \{8^6, 4^7, 2^2\})$	25165824
16	$\mathcal{O}(1; \{8^8, 2^9\})$	3145728
16	$\mathcal{O}(1; \{8^8, 4^2, 2^6\})$	12582912
16	$\mathcal{O}(1; \{8^8, 4^4, 2^3\})$	50331648
16	$\mathcal{O}(1; \{8^8, 4^6\})$	201326592
16	$\mathcal{O}(1; \{8^{10}, 4, 2^4\})$	100663296
16	$\mathcal{O}(1; \{8^{10}, 4^3, 2\})$	402653184
16	$\mathcal{O}(1; \{8^{12}, 2^2\})$	805306368
16	$\mathcal{O}(1; \{16^2, 8, 4, 2^{16}\})$	16384
16	$\mathcal{O}(1; \{16^2, 8, 4^3, 2^{13}\})$	65536
16	$\mathcal{O}(1; \{16^2, 8, 4^5, 2^{10}\})$	262144
16	$\mathcal{O}(1; \{16^2, 8, 4^7, 2^7\})$	1048576
16	$\mathcal{O}(1; \{16^2, 8, 4^9, 2^4\})$	4194304
16	$\mathcal{O}(1; \{16^2, 8, 4^{11}, 2\})$	16777216
16	$\mathcal{O}(1; \{16^2, 8^3, 2^{14}\})$	131072
16	$\mathcal{O}(1; \{16^2, 8^3, 4^2, 2^{11}\})$	524288
16	$\mathcal{O}(1; \{16^2, 8^3, 4^4, 2^8\})$	2097152
16	$\mathcal{O}(1; \{16^2, 8^3, 4^6, 2^5\})$	8388608
16	$\mathcal{O}(1; \{16^2, 8^3, 4^8, 2^2\})$	33554432
16	$\mathcal{O}(1; \{16^2, 8^5, 4, 2^9\})$	4194304
16	$\mathcal{O}(1; \{16^2, 8^5, 4^3, 2^6\})$	16777216
16	$\mathcal{O}(1; \{16^2, 8^5, 4^5, 2^3\})$	67108864
16	$\mathcal{O}(1; \{16^2, 8^5, 4^7\})$	268435456
16	$\mathcal{O}(1; \{16^2, 8^7, 2^7\})$	33554432
16	$\mathcal{O}(1; \{16^2, 8^7, 4^2, 2^4\})$	134217728
16	$\mathcal{O}(1; \{16^2, 8^7, 4^4, 2\})$	536870912
16	$\mathcal{O}(1; \{16^2, 8^9, 4, 2^2\})$	1073741824
16	$\mathcal{O}(1; \{16^2, 8^{11}\})$	8589934592
16	$\mathcal{O}(1; \{16^4, 4, 2^{14}\})$	262144
16	$\mathcal{O}(1; \{16^4, 4^3, 2^{11}\})$	1048576
16	$\mathcal{O}(1; \{16^4, 4^5, 2^8\})$	4194304
16	$\mathcal{O}(1; \{16^4, 4^7, 2^5\})$	16777216
16	$\mathcal{O}(1; \{16^4, 4^9, 2^2\})$	67108864
16	$\mathcal{O}(1; \{16^4, 8^2, 2^{12}\})$	2097152
16	$\mathcal{O}(1; \{16^4, 8^2, 4^2, 2^9\})$	8388608
16	$\mathcal{O}(1; \{16^4, 8^2, 4^4, 2^6\})$	33554432

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(1; \{16^4, 8^2, 4^6, 2^3\})$	134217728
16	$\mathcal{O}(1; \{16^4, 8^2, 4^8\})$	536870912
16	$\mathcal{O}(1; \{16^4, 8^4, 4, 2^7\})$	67108864
16	$\mathcal{O}(1; \{16^4, 8^4, 4^3, 2^4\})$	268435456
16	$\mathcal{O}(1; \{16^4, 8^4, 4^5, 2\})$	1073741824
16	$\mathcal{O}(1; \{16^4, 8^6, 2^5\})$	536870912
16	$\mathcal{O}(1; \{16^4, 8^6, 4^2, 2^2\})$	2147483648
16	$\mathcal{O}(1; \{16^4, 8^8, 4\})$	17179869184
16	$\mathcal{O}(1; \{16^6, 8, 2^{10}\})$	33554432
16	$\mathcal{O}(1; \{16^6, 8, 4^2, 2^7\})$	134217728
16	$\mathcal{O}(1; \{16^6, 8, 4^4, 2^4\})$	536870912
16	$\mathcal{O}(1; \{16^6, 8, 4^6, 2\})$	2147483648
16	$\mathcal{O}(1; \{16^6, 8^3, 4, 2^5\})$	1073741824
16	$\mathcal{O}(1; \{16^6, 8^3, 4^3, 2^2\})$	4294967296
16	$\mathcal{O}(1; \{16^6, 8^5, 2^3\})$	8589934592
16	$\mathcal{O}(1; \{16^6, 8^5, 4^2\})$	34359738368
16	$\mathcal{O}(1; \{16^8, 2^8\})$	536870912
16	$\mathcal{O}(1; \{16^8, 4^2, 2^5\})$	2147483648
16	$\mathcal{O}(1; \{16^8, 4^4, 2^2\})$	8589934592
16	$\mathcal{O}(1; \{16^8, 8^2, 4, 2^3\})$	17179869184
16	$\mathcal{O}(1; \{16^8, 8^2, 4^3\})$	68719476736
16	$\mathcal{O}(1; \{16^8, 8^4, 2\})$	137438953472
16	$\mathcal{O}(1; \{16^{10}, 8, 4, 2\})$	274877906944
16	$\mathcal{O}(0; \{16^2, 8, 4, 2^{20}\})$	64
16	$\mathcal{O}(0; \{16^2, 8, 4^3, 2^{17}\})$	256
16	$\mathcal{O}(0; \{16^2, 8, 4^5, 2^{14}\})$	1024
16	$\mathcal{O}(0; \{16^2, 8, 4^7, 2^{11}\})$	4096
16	$\mathcal{O}(0; \{16^2, 8, 4^9, 2^8\})$	16384
16	$\mathcal{O}(0; \{16^2, 8, 4^{11}, 2^5\})$	65536
16	$\mathcal{O}(0; \{16^2, 8, 4^{13}, 2^2\})$	262144
16	$\mathcal{O}(0; \{16^2, 8^3, 2^{18}\})$	512
16	$\mathcal{O}(0; \{16^2, 8^3, 4^2, 2^{15}\})$	2048
16	$\mathcal{O}(0; \{16^2, 8^3, 4^4, 2^{12}\})$	8192
16	$\mathcal{O}(0; \{16^2, 8^3, 4^6, 2^9\})$	32768
16	$\mathcal{O}(0; \{16^2, 8^3, 4^8, 2^6\})$	131072
16	$\mathcal{O}(0; \{16^2, 8^3, 4^{10}, 2^3\})$	524288
16	$\mathcal{O}(0; \{16^2, 8^3, 4^{12}\})$	2097152
16	$\mathcal{O}(0; \{16^2, 8^5, 4, 2^{13}\})$	16384
16	$\mathcal{O}(0; \{16^2, 8^5, 4^3, 2^{10}\})$	65536
16	$\mathcal{O}(0; \{16^2, 8^5, 4^5, 2^7\})$	262144
16	$\mathcal{O}(0; \{16^2, 8^5, 4^7, 2^4\})$	1048576
16	$\mathcal{O}(0; \{16^2, 8^5, 4^9, 2\})$	4194304
16	$\mathcal{O}(0; \{16^2, 8^7, 2^{11}\})$	131072

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{16^2, 8^7, 4^2, 2^8\})$	524288
16	$\mathcal{O}(0; \{16^2, 8^7, 4^4, 2^5\})$	2097152
16	$\mathcal{O}(0; \{16^2, 8^7, 4^6, 2^2\})$	8388608
16	$\mathcal{O}(0; \{16^2, 8^9, 4, 2^6\})$	4194304
16	$\mathcal{O}(0; \{16^2, 8^9, 4^3, 2^3\})$	16777216
16	$\mathcal{O}(0; \{16^2, 8^9, 4^5\})$	67108864
16	$\mathcal{O}(0; \{16^2, 8^{11}, 2^4\})$	33554432
16	$\mathcal{O}(0; \{16^2, 8^{11}, 4^2, 2\})$	134217728
16	$\mathcal{O}(0; \{16^4, 4, 2^{18}\})$	1024
16	$\mathcal{O}(0; \{16^4, 4^3, 2^{15}\})$	4096
16	$\mathcal{O}(0; \{16^4, 4^5, 2^{12}\})$	16384
16	$\mathcal{O}(0; \{16^4, 4^7, 2^9\})$	65536
16	$\mathcal{O}(0; \{16^4, 4^9, 2^6\})$	262144
16	$\mathcal{O}(0; \{16^4, 4^{11}, 2^3\})$	1048576
16	$\mathcal{O}(0; \{16^4, 4^{13}\})$	4194304
16	$\mathcal{O}(0; \{16^4, 8^2, 2^{16}\})$	8192
16	$\mathcal{O}(0; \{16^4, 8^2, 4^2, 2^{13}\})$	32768
16	$\mathcal{O}(0; \{16^4, 8^2, 4^4, 2^{10}\})$	131072
16	$\mathcal{O}(0; \{16^4, 8^2, 4^6, 2^7\})$	524288
16	$\mathcal{O}(0; \{16^4, 8^2, 4^8, 2^4\})$	2097152
16	$\mathcal{O}(0; \{16^4, 8^2, 4^{10}, 2\})$	8388608
16	$\mathcal{O}(0; \{16^4, 8^4, 4, 2^{11}\})$	262144
16	$\mathcal{O}(0; \{16^4, 8^4, 4^3, 2^8\})$	1048576
16	$\mathcal{O}(0; \{16^4, 8^4, 4^5, 2^5\})$	4194304
16	$\mathcal{O}(0; \{16^4, 8^4, 4^7, 2^2\})$	16777216
16	$\mathcal{O}(0; \{16^4, 8^6, 2^9\})$	2097152
16	$\mathcal{O}(0; \{16^4, 8^6, 4^2, 2^6\})$	8388608
16	$\mathcal{O}(0; \{16^4, 8^6, 4^4, 2^3\})$	33554432
16	$\mathcal{O}(0; \{16^4, 8^6, 4^6\})$	134217728
16	$\mathcal{O}(0; \{16^4, 8^8, 4, 2^4\})$	67108864
16	$\mathcal{O}(0; \{16^4, 8^8, 4^3, 2\})$	268435456
16	$\mathcal{O}(0; \{16^4, 8^{10}, 2^2\})$	536870912
16	$\mathcal{O}(0; \{16^6, 8, 2^{14}\})$	131072
16	$\mathcal{O}(0; \{16^6, 8, 4^2, 2^{11}\})$	524288
16	$\mathcal{O}(0; \{16^6, 8, 4^4, 2^8\})$	2097152
16	$\mathcal{O}(0; \{16^6, 8, 4^6, 2^5\})$	8388608
16	$\mathcal{O}(0; \{16^6, 8, 4^8, 2^2\})$	33554432
16	$\mathcal{O}(0; \{16^6, 8^3, 4, 2^9\})$	4194304
16	$\mathcal{O}(0; \{16^6, 8^3, 4^3, 2^6\})$	16777216
16	$\mathcal{O}(0; \{16^6, 8^3, 4^5, 2^3\})$	67108864
16	$\mathcal{O}(0; \{16^6, 8^3, 4^7\})$	268435456
16	$\mathcal{O}(0; \{16^6, 8^5, 2^7\})$	33554432
16	$\mathcal{O}(0; \{16^6, 8^5, 4^2, 2^4\})$	134217728

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{16^6, 8^5, 4^4, 2\})$	536870912
16	$\mathcal{O}(0; \{16^6, 8^7, 4, 2^2\})$	1073741824
16	$\mathcal{O}(0; \{16^6, 8^9\})$	8589934592
16	$\mathcal{O}(0; \{16^8, 2^{12}\})$	2097152
16	$\mathcal{O}(0; \{16^8, 4^2, 2^9\})$	8388608
16	$\mathcal{O}(0; \{16^8, 4^4, 2^6\})$	33554432
16	$\mathcal{O}(0; \{16^8, 4^6, 2^3\})$	134217728
16	$\mathcal{O}(0; \{16^8, 4^8\})$	536870912
16	$\mathcal{O}(0; \{16^8, 8^2, 4, 2^7\})$	67108864
16	$\mathcal{O}(0; \{16^8, 8^2, 4^3, 2^4\})$	268435456
16	$\mathcal{O}(0; \{16^8, 8^2, 4^5, 2\})$	1073741824
16	$\mathcal{O}(0; \{16^8, 8^4, 2^5\})$	536870912
16	$\mathcal{O}(0; \{16^8, 8^4, 4^2, 2^2\})$	2147483648
16	$\mathcal{O}(0; \{16^8, 8^6, 4\})$	17179869184
16	$\mathcal{O}(0; \{16^{10}, 8, 4, 2^5\})$	1073741824
16	$\mathcal{O}(0; \{16^{10}, 8, 4^3, 2^2\})$	4294967296
16	$\mathcal{O}(0; \{16^{10}, 8^3, 2^3\})$	8589934592
16	$\mathcal{O}(0; \{16^{10}, 8^3, 4^2\})$	34359738368
16	$\mathcal{O}(0; \{16^{12}, 4, 2^3\})$	17179869184
16	$\mathcal{O}(0; \{16^{12}, 4^3\})$	68719476736
16	$\mathcal{O}(0; \{16^{12}, 8^2, 2\})$	137438953472
17	$\mathcal{O}(5; \{17^3\})$	483838536107760
18	$\mathcal{O}(4; \{9^4, 3\})$	3556520089020
18	$\mathcal{O}(4; \{18, 9^2, 2^3\})$	198359290368
18	$\mathcal{O}(4; \{18, 9^2, 6, 3\})$	793437161472
18	$\mathcal{O}(4; \{18^2, 3^2, 2^2\})$	264479053824
18	$\mathcal{O}(4; \{18^2, 6, 2^3\})$	132239526912
18	$\mathcal{O}(4; \{18^2, 6^2, 3\})$	528958107648
18	$\mathcal{O}(4; \{18^3, 9, 2\})$	1785233613312
18	$\mathcal{O}(3; \{9^4, 3, 2^4\})$	11019960576
18	$\mathcal{O}(3; \{9^4, 3^4\})$	86782189536
18	$\mathcal{O}(3; \{9^4, 6, 3^2, 2\})$	44079842304
18	$\mathcal{O}(3; \{9^4, 6^2, 2^2\})$	22039921152
18	$\mathcal{O}(3; \{9^7\})$	1025114613894
18	$\mathcal{O}(3; \{18, 9^2, 2^7\})$	612220032
18	$\mathcal{O}(3; \{18, 9^2, 3^3, 2^3\})$	4897760256
18	$\mathcal{O}(3; \{18, 9^2, 6, 3, 2^4\})$	2448880128
18	$\mathcal{O}(3; \{18, 9^2, 6, 3^4\})$	19591041024
18	$\mathcal{O}(3; \{18, 9^2, 6^2, 3^2, 2\})$	9795520512
18	$\mathcal{O}(3; \{18, 9^2, 6^3, 2^2\})$	4897760256
18	$\mathcal{O}(3; \{18, 9^5, 6\})$	363658699008
18	$\mathcal{O}(3; \{18^2, 3^2, 2^6\})$	816293376
18	$\mathcal{O}(3; \{18^2, 3^5, 2^2\})$	6530347008

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(3; \{18^2, 6, 2^7\})$	408146688
18	$\mathcal{O}(3; \{18^2, 6, 3^3, 2^3\})$	3265173504
18	$\mathcal{O}(3; \{18^2, 6^2, 3, 2^4\})$	1632586752
18	$\mathcal{O}(3; \{18^2, 6^2, 3^4\})$	13060694016
18	$\mathcal{O}(3; \{18^2, 6^3, 3^2, 2\})$	6530347008
18	$\mathcal{O}(3; \{18^2, 6^4, 2^2\})$	3265173504
18	$\mathcal{O}(3; \{18^2, 9^3, 3, 2^2\})$	55099802880
18	$\mathcal{O}(3; \{18^2, 9^3, 6^2\})$	110199605760
18	$\mathcal{O}(3; \{18^3, 9, 2^5\})$	5509980288
18	$\mathcal{O}(3; \{18^3, 9, 3^3, 2\})$	44079842304
18	$\mathcal{O}(3; \{18^3, 9, 6, 3, 2^2\})$	22039921152
18	$\mathcal{O}(3; \{18^3, 9, 6^3\})$	44079842304
18	$\mathcal{O}(3; \{18^4, 9^2, 3\})$	363658699008
18	$\mathcal{O}(3; \{18^5, 2^3\})$	27549901440
18	$\mathcal{O}(3; \{18^5, 6, 3\})$	110199605760
18	$\mathcal{O}(2; \{9^4, 3, 2^8\})$	34012224
18	$\mathcal{O}(2; \{9^4, 3^4, 2^4\})$	272097792
18	$\mathcal{O}(2; \{9^4, 3^7\})$	2040733440
18	$\mathcal{O}(2; \{9^4, 6, 3^2, 2^5\})$	136048896
18	$\mathcal{O}(2; \{9^4, 6, 3^5, 2\})$	1088391168
18	$\mathcal{O}(2; \{9^4, 6^2, 2^6\})$	68024448
18	$\mathcal{O}(2; \{9^4, 6^2, 3^3, 2^2\})$	544195584
18	$\mathcal{O}(2; \{9^4, 6^3, 3, 2^3\})$	272097792
18	$\mathcal{O}(2; \{9^4, 6^4, 3^2\})$	1088391168
18	$\mathcal{O}(2; \{9^4, 6^5, 2\})$	544195584
18	$\mathcal{O}(2; \{9^7, 2^4\})$	3214155168
18	$\mathcal{O}(2; \{9^7, 3^3\})$	24106163760
18	$\mathcal{O}(2; \{9^7, 6, 3, 2\})$	12856620672
18	$\mathcal{O}(2; \{18, 9^2, 2^{11}\})$	1889568
18	$\mathcal{O}(2; \{18, 9^2, 3^3, 2^7\})$	15116544
18	$\mathcal{O}(2; \{18, 9^2, 3^6, 2^3\})$	120932352
18	$\mathcal{O}(2; \{18, 9^2, 6, 3, 2^8\})$	7558272
18	$\mathcal{O}(2; \{18, 9^2, 6, 3^4, 2^4\})$	60466176
18	$\mathcal{O}(2; \{18, 9^2, 6, 3^7\})$	483729408
18	$\mathcal{O}(2; \{18, 9^2, 6^2, 3^2, 2^5\})$	30233088
18	$\mathcal{O}(2; \{18, 9^2, 6^2, 3^5, 2\})$	241864704
18	$\mathcal{O}(2; \{18, 9^2, 6^3, 2^6\})$	15116544
18	$\mathcal{O}(2; \{18, 9^2, 6^3, 3^3, 2^2\})$	120932352
18	$\mathcal{O}(2; \{18, 9^2, 6^4, 3, 2^3\})$	60466176
18	$\mathcal{O}(2; \{18, 9^2, 6^5, 3^2\})$	241864704
18	$\mathcal{O}(2; \{18, 9^2, 6^6, 2\})$	120932352
18	$\mathcal{O}(2; \{18, 9^5, 3^2, 2^3\})$	2244806784
18	$\mathcal{O}(2; \{18, 9^5, 6, 2^4\})$	1122403392

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(2; \{18, 9^5, 6, 3^3\})$	8979227136
18	$\mathcal{O}(2; \{18, 9^5, 6^2, 3, 2\})$	4489613568
18	$\mathcal{O}(2; \{18^2, 3^2, 2^{10}\})$	2519424
18	$\mathcal{O}(2; \{18^2, 3^5, 2^6\})$	20155392
18	$\mathcal{O}(2; \{18^2, 3^8, 2^2\})$	161243136
18	$\mathcal{O}(2; \{18^2, 6, 2^{11}\})$	1259712
18	$\mathcal{O}(2; \{18^2, 6, 3^3, 2^7\})$	10077696
18	$\mathcal{O}(2; \{18^2, 6, 3^6, 2^3\})$	80621568
18	$\mathcal{O}(2; \{18^2, 6^2, 3, 2^8\})$	5038848
18	$\mathcal{O}(2; \{18^2, 6^2, 3^4, 2^4\})$	40310784
18	$\mathcal{O}(2; \{18^2, 6^2, 3^7\})$	322486272
18	$\mathcal{O}(2; \{18^2, 6^3, 3^2, 2^5\})$	20155392
18	$\mathcal{O}(2; \{18^2, 6^3, 3^5, 2\})$	161243136
18	$\mathcal{O}(2; \{18^2, 6^4, 2^6\})$	10077696
18	$\mathcal{O}(2; \{18^2, 6^4, 3^3, 2^2\})$	80621568
18	$\mathcal{O}(2; \{18^2, 6^5, 3, 2^3\})$	40310784
18	$\mathcal{O}(2; \{18^2, 6^6, 3^2\})$	161243136
18	$\mathcal{O}(2; \{18^2, 6^7, 2\})$	80621568
18	$\mathcal{O}(2; \{18^2, 9^3, 3, 2^6\})$	170061120
18	$\mathcal{O}(2; \{18^2, 9^3, 3^4, 2^2\})$	1360488960
18	$\mathcal{O}(2; \{18^2, 9^3, 6, 3^2, 2^3\})$	680244480
18	$\mathcal{O}(2; \{18^2, 9^3, 6^2, 2^4\})$	340122240
18	$\mathcal{O}(2; \{18^2, 9^3, 6^2, 3^3\})$	2720977920
18	$\mathcal{O}(2; \{18^2, 9^3, 6^3, 3, 2\})$	1360488960
18	$\mathcal{O}(2; \{18^2, 9^6, 2^2\})$	19744096032
18	$\mathcal{O}(2; \{18^3, 9, 2^9\})$	17006112
18	$\mathcal{O}(2; \{18^3, 9, 3^3, 2^5\})$	136048896
18	$\mathcal{O}(2; \{18^3, 9, 3^6, 2\})$	1088391168
18	$\mathcal{O}(2; \{18^3, 9, 6, 3, 2^6\})$	68024448
18	$\mathcal{O}(2; \{18^3, 9, 6, 3^4, 2^2\})$	544195584
18	$\mathcal{O}(2; \{18^3, 9, 6^2, 3^2, 2^3\})$	272097792
18	$\mathcal{O}(2; \{18^3, 9, 6^3, 2^4\})$	136048896
18	$\mathcal{O}(2; \{18^3, 9, 6^3, 3^3\})$	1088391168
18	$\mathcal{O}(2; \{18^3, 9, 6^4, 3, 2\})$	544195584
18	$\mathcal{O}(2; \{18^3, 9^4, 3^2, 2\})$	12856620672
18	$\mathcal{O}(2; \{18^3, 9^4, 6, 2^2\})$	6428310336
18	$\mathcal{O}(2; \{18^4, 9^2, 3, 2^4\})$	1122403392
18	$\mathcal{O}(2; \{18^4, 9^2, 3^4\})$	8979227136
18	$\mathcal{O}(2; \{18^4, 9^2, 6, 3^2, 2\})$	4489613568
18	$\mathcal{O}(2; \{18^4, 9^2, 6^2, 2^2\})$	2244806784
18	$\mathcal{O}(2; \{18^4, 9^5\})$	117087081120
18	$\mathcal{O}(2; \{18^5, 2^7\})$	85030560
18	$\mathcal{O}(2; \{18^5, 3^3, 2^3\})$	680244480

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(2; \{18^5, 6, 3, 2^4\})$	340122240
18	$\mathcal{O}(2; \{18^5, 6, 3^4\})$	2720977920
18	$\mathcal{O}(2; \{18^5, 6^2, 3^2, 2\})$	1360488960
18	$\mathcal{O}(2; \{18^5, 6^3, 2^2\})$	680244480
18	$\mathcal{O}(2; \{18^5, 9^3, 6\})$	39488192064
18	$\mathcal{O}(2; \{18^6, 9, 3, 2^2\})$	6428310336
18	$\mathcal{O}(2; \{18^6, 9, 6^2\})$	12856620672
18	$\mathcal{O}(2; \{18^8, 3\})$	39488192064
18	$\mathcal{O}(1; \{9^4, 3, 2^{12}\})$	104976
18	$\mathcal{O}(1; \{9^4, 3^4, 2^8\})$	839808
18	$\mathcal{O}(1; \{9^4, 3^7, 2^4\})$	6718464
18	$\mathcal{O}(1; \{9^4, 3^{10}\})$	40310784
18	$\mathcal{O}(1; \{9^4, 6, 3^2, 2^9\})$	419904
18	$\mathcal{O}(1; \{9^4, 6, 3^5, 2^5\})$	3359232
18	$\mathcal{O}(1; \{9^4, 6, 3^8, 2\})$	26873856
18	$\mathcal{O}(1; \{9^4, 6^2, 2^{10}\})$	209952
18	$\mathcal{O}(1; \{9^4, 6^2, 3^3, 2^6\})$	1679616
18	$\mathcal{O}(1; \{9^4, 6^2, 3^6, 2^2\})$	13436928
18	$\mathcal{O}(1; \{9^4, 6^3, 3, 2^7\})$	839808
18	$\mathcal{O}(1; \{9^4, 6^3, 3^4, 2^3\})$	6718464
18	$\mathcal{O}(1; \{9^4, 6^4, 3^2, 2^4\})$	3359232
18	$\mathcal{O}(1; \{9^4, 6^4, 3^5\})$	26873856
18	$\mathcal{O}(1; \{9^4, 6^5, 2^5\})$	1679616
18	$\mathcal{O}(1; \{9^4, 6^5, 3^3, 2\})$	13436928
18	$\mathcal{O}(1; \{9^4, 6^6, 3, 2^2\})$	6718464
18	$\mathcal{O}(1; \{9^4, 6^8\})$	13436928
18	$\mathcal{O}(1; \{9^7, 2^8\})$	9920232
18	$\mathcal{O}(1; \{9^7, 3^3, 2^4\})$	79361856
18	$\mathcal{O}(1; \{9^7, 3^6\})$	476171136
18	$\mathcal{O}(1; \{9^7, 6, 3, 2^5\})$	39680928
18	$\mathcal{O}(1; \{9^7, 6, 3^4, 2\})$	317447424
18	$\mathcal{O}(1; \{9^7, 6^2, 3^2, 2^2\})$	158723712
18	$\mathcal{O}(1; \{9^7, 6^3, 2^3\})$	79361856
18	$\mathcal{O}(1; \{9^7, 6^4, 3\})$	317447424
18	$\mathcal{O}(1; \{9^{10}, 3^2\})$	6543101592
18	$\mathcal{O}(1; \{9^{10}, 6, 2\})$	4362067728
18	$\mathcal{O}(1; \{18, 9^2, 2^{15}\})$	5832
18	$\mathcal{O}(1; \{18, 9^2, 3^3, 2^{11}\})$	46656
18	$\mathcal{O}(1; \{18, 9^2, 3^6, 2^7\})$	373248
18	$\mathcal{O}(1; \{18, 9^2, 3^9, 2^3\})$	2985984
18	$\mathcal{O}(1; \{18, 9^2, 6, 3, 2^{12}\})$	23328
18	$\mathcal{O}(1; \{18, 9^2, 6, 3^4, 2^8\})$	186624
18	$\mathcal{O}(1; \{18, 9^2, 6, 3^7, 2^4\})$	1492992

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18, 9^2, 6, 3^{10}\})$	11943936
18	$\mathcal{O}(1; \{18, 9^2, 6^2, 3^2, 2^9\})$	93312
18	$\mathcal{O}(1; \{18, 9^2, 6^2, 3^5, 2^5\})$	746496
18	$\mathcal{O}(1; \{18, 9^2, 6^2, 3^8, 2\})$	5971968
18	$\mathcal{O}(1; \{18, 9^2, 6^3, 2^{10}\})$	46656
18	$\mathcal{O}(1; \{18, 9^2, 6^3, 3^3, 2^6\})$	373248
18	$\mathcal{O}(1; \{18, 9^2, 6^3, 3^6, 2^2\})$	2985984
18	$\mathcal{O}(1; \{18, 9^2, 6^4, 3, 2^7\})$	186624
18	$\mathcal{O}(1; \{18, 9^2, 6^4, 3^4, 2^3\})$	1492992
18	$\mathcal{O}(1; \{18, 9^2, 6^5, 3^2, 2^4\})$	746496
18	$\mathcal{O}(1; \{18, 9^2, 6^5, 3^5\})$	5971968
18	$\mathcal{O}(1; \{18, 9^2, 6^6, 2^5\})$	373248
18	$\mathcal{O}(1; \{18, 9^2, 6^6, 3^3, 2\})$	2985984
18	$\mathcal{O}(1; \{18, 9^2, 6^7, 3, 2^2\})$	1492992
18	$\mathcal{O}(1; \{18, 9^2, 6^9\})$	2985984
18	$\mathcal{O}(1; \{18, 9^5, 3^2, 2^7\})$	6928416
18	$\mathcal{O}(1; \{18, 9^5, 3^5, 2^3\})$	55427328
18	$\mathcal{O}(1; \{18, 9^5, 6, 2^8\})$	3464208
18	$\mathcal{O}(1; \{18, 9^5, 6, 3^3, 2^4\})$	27713664
18	$\mathcal{O}(1; \{18, 9^5, 6, 3^6\})$	221709312
18	$\mathcal{O}(1; \{18, 9^5, 6^2, 3, 2^5\})$	13856832
18	$\mathcal{O}(1; \{18, 9^5, 6^2, 3^4, 2\})$	110854656
18	$\mathcal{O}(1; \{18, 9^5, 6^3, 3^2, 2^2\})$	55427328
18	$\mathcal{O}(1; \{18, 9^5, 6^4, 2^3\})$	27713664
18	$\mathcal{O}(1; \{18, 9^5, 6^5, 3\})$	110854656
18	$\mathcal{O}(1; \{18, 9^8, 3, 2^3\})$	722759760
18	$\mathcal{O}(1; \{18, 9^8, 6, 3^2\})$	2891039040
18	$\mathcal{O}(1; \{18, 9^8, 6^2, 2\})$	1445519520
18	$\mathcal{O}(1; \{18^2, 3^2, 2^{14}\})$	7776
18	$\mathcal{O}(1; \{18^2, 3^5, 2^{10}\})$	62208
18	$\mathcal{O}(1; \{18^2, 3^8, 2^6\})$	497664
18	$\mathcal{O}(1; \{18^2, 3^{11}, 2^2\})$	3981312
18	$\mathcal{O}(1; \{18^2, 6, 2^{15}\})$	3888
18	$\mathcal{O}(1; \{18^2, 6, 3^3, 2^{11}\})$	31104
18	$\mathcal{O}(1; \{18^2, 6, 3^6, 2^7\})$	248832
18	$\mathcal{O}(1; \{18^2, 6, 3^9, 2^3\})$	1990656
18	$\mathcal{O}(1; \{18^2, 6^2, 3, 2^{12}\})$	15552
18	$\mathcal{O}(1; \{18^2, 6^2, 3^4, 2^8\})$	124416
18	$\mathcal{O}(1; \{18^2, 6^2, 3^7, 2^4\})$	995328
18	$\mathcal{O}(1; \{18^2, 6^2, 3^{10}\})$	7962624
18	$\mathcal{O}(1; \{18^2, 6^3, 3^2, 2^9\})$	62208
18	$\mathcal{O}(1; \{18^2, 6^3, 3^5, 2^5\})$	497664
18	$\mathcal{O}(1; \{18^2, 6^3, 3^8, 2\})$	3981312

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18^2, 6^4, 2^{10}\})$	31104
18	$\mathcal{O}(1; \{18^2, 6^4, 3^3, 2^6\})$	248832
18	$\mathcal{O}(1; \{18^2, 6^4, 3^6, 2^2\})$	1990656
18	$\mathcal{O}(1; \{18^2, 6^5, 3, 2^7\})$	124416
18	$\mathcal{O}(1; \{18^2, 6^5, 3^4, 2^3\})$	995328
18	$\mathcal{O}(1; \{18^2, 6^6, 3^2, 2^4\})$	497664
18	$\mathcal{O}(1; \{18^2, 6^6, 3^5\})$	3981312
18	$\mathcal{O}(1; \{18^2, 6^7, 2^5\})$	248832
18	$\mathcal{O}(1; \{18^2, 6^7, 3^3, 2\})$	1990656
18	$\mathcal{O}(1; \{18^2, 6^8, 3, 2^2\})$	995328
18	$\mathcal{O}(1; \{18^2, 6^{10}\})$	1990656
18	$\mathcal{O}(1; \{18^2, 9^3, 3, 2^{10}\})$	524880
18	$\mathcal{O}(1; \{18^2, 9^3, 3^4, 2^6\})$	4199040
18	$\mathcal{O}(1; \{18^2, 9^3, 3^7, 2^2\})$	33592320
18	$\mathcal{O}(1; \{18^2, 9^3, 6, 3^2, 2^7\})$	2099520
18	$\mathcal{O}(1; \{18^2, 9^3, 6, 3^5, 2^3\})$	16796160
18	$\mathcal{O}(1; \{18^2, 9^3, 6^2, 2^8\})$	1049760
18	$\mathcal{O}(1; \{18^2, 9^3, 6^2, 3^3, 2^4\})$	8398080
18	$\mathcal{O}(1; \{18^2, 9^3, 6^2, 3^6\})$	67184640
18	$\mathcal{O}(1; \{18^2, 9^3, 6^3, 3, 2^5\})$	4199040
18	$\mathcal{O}(1; \{18^2, 9^3, 6^3, 3^4, 2\})$	33592320
18	$\mathcal{O}(1; \{18^2, 9^3, 6^4, 3^2, 2^2\})$	16796160
18	$\mathcal{O}(1; \{18^2, 9^3, 6^5, 2^3\})$	8398080
18	$\mathcal{O}(1; \{18^2, 9^3, 6^6, 3\})$	33592320
18	$\mathcal{O}(1; \{18^2, 9^6, 2^6\})$	60938568
18	$\mathcal{O}(1; \{18^2, 9^6, 3^3, 2^2\})$	487508544
18	$\mathcal{O}(1; \{18^2, 9^6, 6, 3, 2^3\})$	243754272
18	$\mathcal{O}(1; \{18^2, 9^6, 6^2, 3^2\})$	975017088
18	$\mathcal{O}(1; \{18^2, 9^6, 6^3, 2\})$	487508544
18	$\mathcal{O}(1; \{18^3, 9, 2^{13}\})$	52488
18	$\mathcal{O}(1; \{18^3, 9, 3^3, 2^9\})$	419904
18	$\mathcal{O}(1; \{18^3, 9, 3^6, 2^5\})$	3359232
18	$\mathcal{O}(1; \{18^3, 9, 3^9, 2\})$	26873856
18	$\mathcal{O}(1; \{18^3, 9, 6, 3, 2^{10}\})$	209952
18	$\mathcal{O}(1; \{18^3, 9, 6, 3^4, 2^6\})$	1679616
18	$\mathcal{O}(1; \{18^3, 9, 6, 3^7, 2^2\})$	13436928
18	$\mathcal{O}(1; \{18^3, 9, 6^2, 3^2, 2^7\})$	839808
18	$\mathcal{O}(1; \{18^3, 9, 6^2, 3^5, 2^3\})$	6718464
18	$\mathcal{O}(1; \{18^3, 9, 6^3, 2^8\})$	419904
18	$\mathcal{O}(1; \{18^3, 9, 6^3, 3^3, 2^4\})$	3359232
18	$\mathcal{O}(1; \{18^3, 9, 6^3, 3^6\})$	26873856
18	$\mathcal{O}(1; \{18^3, 9, 6^4, 3, 2^5\})$	1679616
18	$\mathcal{O}(1; \{18^3, 9, 6^4, 3^4, 2\})$	13436928

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18^3, 9, 6^5, 3^2, 2^2\})$	6718464
18	$\mathcal{O}(1; \{18^3, 9, 6^6, 2^3\})$	3359232
18	$\mathcal{O}(1; \{18^3, 9, 6^7, 3\})$	13436928
18	$\mathcal{O}(1; \{18^3, 9^4, 3^2, 2^5\})$	39680928
18	$\mathcal{O}(1; \{18^3, 9^4, 3^5, 2\})$	317447424
18	$\mathcal{O}(1; \{18^3, 9^4, 6, 2^6\})$	19840464
18	$\mathcal{O}(1; \{18^3, 9^4, 6, 3^3, 2^2\})$	158723712
18	$\mathcal{O}(1; \{18^3, 9^4, 6^2, 3, 2^3\})$	79361856
18	$\mathcal{O}(1; \{18^3, 9^4, 6^3, 3^2\})$	317447424
18	$\mathcal{O}(1; \{18^3, 9^4, 6^4, 2\})$	158723712
18	$\mathcal{O}(1; \{18^3, 9^7, 3, 2\})$	4362067728
18	$\mathcal{O}(1; \{18^4, 9^2, 3, 2^8\})$	3464208
18	$\mathcal{O}(1; \{18^4, 9^2, 3^4, 2^4\})$	27713664
18	$\mathcal{O}(1; \{18^4, 9^2, 3^7\})$	221709312
18	$\mathcal{O}(1; \{18^4, 9^2, 6, 3^2, 2^5\})$	13856832
18	$\mathcal{O}(1; \{18^4, 9^2, 6, 3^5, 2\})$	110854656
18	$\mathcal{O}(1; \{18^4, 9^2, 6^2, 2^6\})$	6928416
18	$\mathcal{O}(1; \{18^4, 9^2, 6^2, 3^3, 2^2\})$	55427328
18	$\mathcal{O}(1; \{18^4, 9^2, 6^3, 3, 2^3\})$	27713664
18	$\mathcal{O}(1; \{18^4, 9^2, 6^4, 3^2\})$	110854656
18	$\mathcal{O}(1; \{18^4, 9^2, 6^5, 2\})$	55427328
18	$\mathcal{O}(1; \{18^4, 9^5, 2^4\})$	361379880
18	$\mathcal{O}(1; \{18^4, 9^5, 3^3\})$	2891039040
18	$\mathcal{O}(1; \{18^4, 9^5, 6, 3, 2\})$	1445519520
18	$\mathcal{O}(1; \{18^5, 2^{11}\})$	262440
18	$\mathcal{O}(1; \{18^5, 3^3, 2^7\})$	2099520
18	$\mathcal{O}(1; \{18^5, 3^6, 2^3\})$	16796160
18	$\mathcal{O}(1; \{18^5, 6, 3, 2^8\})$	1049760
18	$\mathcal{O}(1; \{18^5, 6, 3^4, 2^4\})$	8398080
18	$\mathcal{O}(1; \{18^5, 6, 3^7\})$	67184640
18	$\mathcal{O}(1; \{18^5, 6^2, 3^2, 2^5\})$	4199040
18	$\mathcal{O}(1; \{18^5, 6^2, 3^5, 2\})$	33592320
18	$\mathcal{O}(1; \{18^5, 6^3, 2^6\})$	2099520
18	$\mathcal{O}(1; \{18^5, 6^3, 3^3, 2^2\})$	16796160
18	$\mathcal{O}(1; \{18^5, 6^4, 3, 2^3\})$	8398080
18	$\mathcal{O}(1; \{18^5, 6^5, 3^2\})$	33592320
18	$\mathcal{O}(1; \{18^5, 6^6, 2\})$	16796160
18	$\mathcal{O}(1; \{18^5, 9^3, 3^2, 2^3\})$	243754272
18	$\mathcal{O}(1; \{18^5, 9^3, 6, 2^4\})$	121877136
18	$\mathcal{O}(1; \{18^5, 9^3, 6, 3^3\})$	975017088
18	$\mathcal{O}(1; \{18^5, 9^3, 6^2, 3, 2\})$	487508544
18	$\mathcal{O}(1; \{18^6, 9, 3, 2^6\})$	19840464
18	$\mathcal{O}(1; \{18^6, 9, 3^4, 2^2\})$	158723712

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18^6, 9, 6, 3^2, 2^3\})$	79361856
18	$\mathcal{O}(1; \{18^6, 9, 6^2, 2^4\})$	39680928
18	$\mathcal{O}(1; \{18^6, 9, 6^2, 3^3\})$	317447424
18	$\mathcal{O}(1; \{18^6, 9, 6^3, 3, 2\})$	158723712
18	$\mathcal{O}(1; \{18^6, 9^4, 2^2\})$	2181033864
18	$\mathcal{O}(1; \{18^7, 9^2, 3^2, 2\})$	1445519520
18	$\mathcal{O}(1; \{18^7, 9^2, 6, 2^2\})$	722759760
18	$\mathcal{O}(1; \{18^8, 3, 2^4\})$	121877136
18	$\mathcal{O}(1; \{18^8, 3^4\})$	975017088
18	$\mathcal{O}(1; \{18^8, 6, 3^2, 2\})$	487508544
18	$\mathcal{O}(1; \{18^8, 6^2, 2^2\})$	243754272
18	$\mathcal{O}(1; \{18^8, 9^3\})$	13047939432
18	$\mathcal{O}(1; \{18^9, 9, 6\})$	4362067728
18	$\mathcal{O}(0; \{9^4, 3, 2^{16}\})$	324
18	$\mathcal{O}(0; \{9^4, 3^4, 2^{12}\})$	2592
18	$\mathcal{O}(0; \{9^4, 3^7, 2^8\})$	20736
18	$\mathcal{O}(0; \{9^4, 3^{10}, 2^4\})$	165888
18	$\mathcal{O}(0; \{9^4, 6, 3^2, 2^{13}\})$	1296
18	$\mathcal{O}(0; \{9^4, 6, 3^5, 2^9\})$	10368
18	$\mathcal{O}(0; \{9^4, 6, 3^8, 2^5\})$	82944
18	$\mathcal{O}(0; \{9^4, 6, 3^{11}, 2\})$	663552
18	$\mathcal{O}(0; \{9^4, 6^2, 2^{14}\})$	648
18	$\mathcal{O}(0; \{9^4, 6^2, 3^3, 2^{10}\})$	5184
18	$\mathcal{O}(0; \{9^4, 6^2, 3^6, 2^6\})$	41472
18	$\mathcal{O}(0; \{9^4, 6^2, 3^9, 2^2\})$	331776
18	$\mathcal{O}(0; \{9^4, 6^3, 3, 2^{11}\})$	2592
18	$\mathcal{O}(0; \{9^4, 6^3, 3^4, 2^7\})$	20736
18	$\mathcal{O}(0; \{9^4, 6^3, 3^7, 2^3\})$	165888
18	$\mathcal{O}(0; \{9^4, 6^4, 3^2, 2^8\})$	10368
18	$\mathcal{O}(0; \{9^4, 6^4, 3^5, 2^4\})$	82944
18	$\mathcal{O}(0; \{9^4, 6^4, 3^8\})$	663552
18	$\mathcal{O}(0; \{9^4, 6^5, 2^9\})$	5184
18	$\mathcal{O}(0; \{9^4, 6^5, 3^3, 2^5\})$	41472
18	$\mathcal{O}(0; \{9^4, 6^5, 3^6, 2\})$	331776
18	$\mathcal{O}(0; \{9^4, 6^6, 3, 2^6\})$	20736
18	$\mathcal{O}(0; \{9^4, 6^6, 3^4, 2^2\})$	165888
18	$\mathcal{O}(0; \{9^4, 6^7, 3^2, 2^3\})$	82944
18	$\mathcal{O}(0; \{9^4, 6^8, 2^4\})$	41472
18	$\mathcal{O}(0; \{9^4, 6^8, 3^3\})$	331776
18	$\mathcal{O}(0; \{9^4, 6^9, 3, 2\})$	165888
18	$\mathcal{O}(0; \{9^7, 2^{12}\})$	30618
18	$\mathcal{O}(0; \{9^7, 3^3, 2^8\})$	244944
18	$\mathcal{O}(0; \{9^7, 3^6, 2^4\})$	1959552

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{9^7, 6, 3, 2^9\})$	122472
18	$\mathcal{O}(0; \{9^7, 6, 3^4, 2^5\})$	979776
18	$\mathcal{O}(0; \{9^7, 6, 3^7, 2\})$	7838208
18	$\mathcal{O}(0; \{9^7, 6^2, 3^2, 2^6\})$	489888
18	$\mathcal{O}(0; \{9^7, 6^2, 3^5, 2^2\})$	3919104
18	$\mathcal{O}(0; \{9^7, 6^3, 2^7\})$	244944
18	$\mathcal{O}(0; \{9^7, 6^3, 3^3, 2^3\})$	1959552
18	$\mathcal{O}(0; \{9^7, 6^4, 3, 2^4\})$	979776
18	$\mathcal{O}(0; \{9^7, 6^4, 3^4\})$	7838208
18	$\mathcal{O}(0; \{9^7, 6^5, 3^2, 2\})$	3919104
18	$\mathcal{O}(0; \{9^7, 6^6, 2^2\})$	1959552
18	$\mathcal{O}(0; \{9^{10}, 3^2, 2^4\})$	26926344
18	$\mathcal{O}(0; \{9^{10}, 6, 2^5\})$	13463172
18	$\mathcal{O}(0; \{9^{10}, 6, 3^3, 2\})$	107705376
18	$\mathcal{O}(0; \{9^{10}, 6^2, 3, 2^2\})$	53852688
18	$\mathcal{O}(0; \{9^{10}, 6^4\})$	107705376
18	$\mathcal{O}(0; \{18, 9^2, 2^{19}\})$	18
18	$\mathcal{O}(0; \{18, 9^2, 3^3, 2^{15}\})$	144
18	$\mathcal{O}(0; \{18, 9^2, 3^6, 2^{11}\})$	1152
18	$\mathcal{O}(0; \{18, 9^2, 3^9, 2^7\})$	9216
18	$\mathcal{O}(0; \{18, 9^2, 3^{12}, 2^3\})$	73728
18	$\mathcal{O}(0; \{18, 9^2, 6, 3, 2^{16}\})$	72
18	$\mathcal{O}(0; \{18, 9^2, 6, 3^4, 2^{12}\})$	576
18	$\mathcal{O}(0; \{18, 9^2, 6, 3^7, 2^8\})$	4608
18	$\mathcal{O}(0; \{18, 9^2, 6, 3^{10}, 2^4\})$	36864
18	$\mathcal{O}(0; \{18, 9^2, 6, 3^{13}\})$	294912
18	$\mathcal{O}(0; \{18, 9^2, 6^2, 3^2, 2^{13}\})$	288
18	$\mathcal{O}(0; \{18, 9^2, 6^2, 3^5, 2^9\})$	2304
18	$\mathcal{O}(0; \{18, 9^2, 6^2, 3^8, 2^5\})$	18432
18	$\mathcal{O}(0; \{18, 9^2, 6^2, 3^{11}, 2\})$	147456
18	$\mathcal{O}(0; \{18, 9^2, 6^3, 2^{14}\})$	144
18	$\mathcal{O}(0; \{18, 9^2, 6^3, 3^3, 2^{10}\})$	1152
18	$\mathcal{O}(0; \{18, 9^2, 6^3, 3^6, 2^6\})$	9216
18	$\mathcal{O}(0; \{18, 9^2, 6^3, 3^9, 2^2\})$	73728
18	$\mathcal{O}(0; \{18, 9^2, 6^4, 3, 2^{11}\})$	576
18	$\mathcal{O}(0; \{18, 9^2, 6^4, 3^4, 2^7\})$	4608
18	$\mathcal{O}(0; \{18, 9^2, 6^4, 3^7, 2^3\})$	36864
18	$\mathcal{O}(0; \{18, 9^2, 6^5, 3^2, 2^8\})$	2304
18	$\mathcal{O}(0; \{18, 9^2, 6^5, 3^5, 2^4\})$	18432
18	$\mathcal{O}(0; \{18, 9^2, 6^5, 3^8\})$	147456
18	$\mathcal{O}(0; \{18, 9^2, 6^6, 2^9\})$	1152
18	$\mathcal{O}(0; \{18, 9^2, 6^6, 3^3, 2^5\})$	9216
18	$\mathcal{O}(0; \{18, 9^2, 6^6, 3^6, 2\})$	73728

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18, 9^2, 6^7, 3, 2^6\})$	4608
18	$\mathcal{O}(0; \{18, 9^2, 6^7, 3^4, 2^2\})$	36864
18	$\mathcal{O}(0; \{18, 9^2, 6^8, 3^2, 2^3\})$	18432
18	$\mathcal{O}(0; \{18, 9^2, 6^9, 2^4\})$	9216
18	$\mathcal{O}(0; \{18, 9^2, 6^9, 3^3\})$	73728
18	$\mathcal{O}(0; \{18, 9^2, 6^{10}, 3, 2\})$	36864
18	$\mathcal{O}(0; \{18, 9^5, 3^2, 2^{11}\})$	21384
18	$\mathcal{O}(0; \{18, 9^5, 3^5, 2^7\})$	171072
18	$\mathcal{O}(0; \{18, 9^5, 3^8, 2^3\})$	1368576
18	$\mathcal{O}(0; \{18, 9^5, 6, 2^{12}\})$	10692
18	$\mathcal{O}(0; \{18, 9^5, 6, 3^3, 2^8\})$	85536
18	$\mathcal{O}(0; \{18, 9^5, 6, 3^6, 2^4\})$	684288
18	$\mathcal{O}(0; \{18, 9^5, 6, 3^9\})$	5474304
18	$\mathcal{O}(0; \{18, 9^5, 6^2, 3, 2^9\})$	42768
18	$\mathcal{O}(0; \{18, 9^5, 6^2, 3^4, 2^5\})$	342144
18	$\mathcal{O}(0; \{18, 9^5, 6^2, 3^7, 2\})$	2737152
18	$\mathcal{O}(0; \{18, 9^5, 6^3, 3^2, 2^6\})$	171072
18	$\mathcal{O}(0; \{18, 9^5, 6^3, 3^5, 2^2\})$	1368576
18	$\mathcal{O}(0; \{18, 9^5, 6^4, 2^7\})$	85536
18	$\mathcal{O}(0; \{18, 9^5, 6^4, 3^3, 2^3\})$	684288
18	$\mathcal{O}(0; \{18, 9^5, 6^5, 3, 2^4\})$	342144
18	$\mathcal{O}(0; \{18, 9^5, 6^5, 3^4\})$	2737152
18	$\mathcal{O}(0; \{18, 9^5, 6^6, 3^2, 2\})$	1368576
18	$\mathcal{O}(0; \{18, 9^5, 6^7, 2^2\})$	684288
18	$\mathcal{O}(0; \{18, 9^8, 3, 2^7\})$	2230740
18	$\mathcal{O}(0; \{18, 9^8, 3^4, 2^3\})$	17845920
18	$\mathcal{O}(0; \{18, 9^8, 6, 3^2, 2^4\})$	8922960
18	$\mathcal{O}(0; \{18, 9^8, 6, 3^5\})$	71383680
18	$\mathcal{O}(0; \{18, 9^8, 6^2, 2^5\})$	4461480
18	$\mathcal{O}(0; \{18, 9^8, 6^2, 3^3, 2\})$	35691840
18	$\mathcal{O}(0; \{18, 9^8, 6^3, 3, 2^2\})$	17845920
18	$\mathcal{O}(0; \{18, 9^8, 6^5\})$	35691840
18	$\mathcal{O}(0; \{18, 9^{11}, 2^3\})$	241982802
18	$\mathcal{O}(0; \{18, 9^{11}, 6, 3\})$	967931208
18	$\mathcal{O}(0; \{18^2, 3^2, 2^{18}\})$	24
18	$\mathcal{O}(0; \{18^2, 3^5, 2^{14}\})$	192
18	$\mathcal{O}(0; \{18^2, 3^8, 2^{10}\})$	1536
18	$\mathcal{O}(0; \{18^2, 3^{11}, 2^6\})$	12288
18	$\mathcal{O}(0; \{18^2, 3^{14}, 2^2\})$	98304
18	$\mathcal{O}(0; \{18^2, 6, 2^{19}\})$	12
18	$\mathcal{O}(0; \{18^2, 6, 3^3, 2^{15}\})$	96
18	$\mathcal{O}(0; \{18^2, 6, 3^6, 2^{11}\})$	768
18	$\mathcal{O}(0; \{18^2, 6, 3^9, 2^7\})$	6144

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^2, 6, 3^{12}, 2^3\})$	49152
18	$\mathcal{O}(0; \{18^2, 6^2, 3, 2^{16}\})$	48
18	$\mathcal{O}(0; \{18^2, 6^2, 3^4, 2^{12}\})$	384
18	$\mathcal{O}(0; \{18^2, 6^2, 3^7, 2^8\})$	3072
18	$\mathcal{O}(0; \{18^2, 6^2, 3^{10}, 2^4\})$	24576
18	$\mathcal{O}(0; \{18^2, 6^2, 3^{13}\})$	196608
18	$\mathcal{O}(0; \{18^2, 6^3, 3^2, 2^{13}\})$	192
18	$\mathcal{O}(0; \{18^2, 6^3, 3^5, 2^9\})$	1536
18	$\mathcal{O}(0; \{18^2, 6^3, 3^8, 2^5\})$	12288
18	$\mathcal{O}(0; \{18^2, 6^3, 3^{11}, 2\})$	98304
18	$\mathcal{O}(0; \{18^2, 6^4, 2^{14}\})$	96
18	$\mathcal{O}(0; \{18^2, 6^4, 3^3, 2^{10}\})$	768
18	$\mathcal{O}(0; \{18^2, 6^4, 3^6, 2^6\})$	6144
18	$\mathcal{O}(0; \{18^2, 6^4, 3^9, 2^2\})$	49152
18	$\mathcal{O}(0; \{18^2, 6^5, 3, 2^{11}\})$	384
18	$\mathcal{O}(0; \{18^2, 6^5, 3^4, 2^7\})$	3072
18	$\mathcal{O}(0; \{18^2, 6^5, 3^7, 2^3\})$	24576
18	$\mathcal{O}(0; \{18^2, 6^6, 3^2, 2^8\})$	1536
18	$\mathcal{O}(0; \{18^2, 6^6, 3^5, 2^4\})$	12288
18	$\mathcal{O}(0; \{18^2, 6^6, 3^8\})$	98304
18	$\mathcal{O}(0; \{18^2, 6^7, 2^9\})$	768
18	$\mathcal{O}(0; \{18^2, 6^7, 3^3, 2^5\})$	6144
18	$\mathcal{O}(0; \{18^2, 6^7, 3^6, 2\})$	49152
18	$\mathcal{O}(0; \{18^2, 6^8, 3, 2^6\})$	3072
18	$\mathcal{O}(0; \{18^2, 6^8, 3^4, 2^2\})$	24576
18	$\mathcal{O}(0; \{18^2, 6^9, 3^2, 2^3\})$	12288
18	$\mathcal{O}(0; \{18^2, 6^{10}, 2^4\})$	6144
18	$\mathcal{O}(0; \{18^2, 6^{10}, 3^3\})$	49152
18	$\mathcal{O}(0; \{18^2, 6^{11}, 3, 2\})$	24576
18	$\mathcal{O}(0; \{18^2, 9^3, 3, 2^{14}\})$	1620
18	$\mathcal{O}(0; \{18^2, 9^3, 3^4, 2^{10}\})$	12960
18	$\mathcal{O}(0; \{18^2, 9^3, 3^7, 2^6\})$	103680
18	$\mathcal{O}(0; \{18^2, 9^3, 3^{10}, 2^2\})$	829440
18	$\mathcal{O}(0; \{18^2, 9^3, 6, 3^2, 2^{11}\})$	6480
18	$\mathcal{O}(0; \{18^2, 9^3, 6, 3^5, 2^7\})$	51840
18	$\mathcal{O}(0; \{18^2, 9^3, 6, 3^8, 2^3\})$	414720
18	$\mathcal{O}(0; \{18^2, 9^3, 6^2, 2^{12}\})$	3240
18	$\mathcal{O}(0; \{18^2, 9^3, 6^2, 3^3, 2^8\})$	25920
18	$\mathcal{O}(0; \{18^2, 9^3, 6^2, 3^6, 2^4\})$	207360
18	$\mathcal{O}(0; \{18^2, 9^3, 6^2, 3^9\})$	1658880
18	$\mathcal{O}(0; \{18^2, 9^3, 6^3, 3, 2^9\})$	12960
18	$\mathcal{O}(0; \{18^2, 9^3, 6^3, 3^4, 2^5\})$	103680
18	$\mathcal{O}(0; \{18^2, 9^3, 6^3, 3^7, 2\})$	829440

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^2, 9^3, 6^4, 3^2, 2^6\})$	51840
18	$\mathcal{O}(0; \{18^2, 9^3, 6^4, 3^5, 2^2\})$	414720
18	$\mathcal{O}(0; \{18^2, 9^3, 6^5, 2^7\})$	25920
18	$\mathcal{O}(0; \{18^2, 9^3, 6^5, 3^3, 2^3\})$	207360
18	$\mathcal{O}(0; \{18^2, 9^3, 6^6, 3, 2^4\})$	103680
18	$\mathcal{O}(0; \{18^2, 9^3, 6^6, 3^4\})$	829440
18	$\mathcal{O}(0; \{18^2, 9^3, 6^7, 3^2, 2\})$	414720
18	$\mathcal{O}(0; \{18^2, 9^3, 6^8, 2^2\})$	207360
18	$\mathcal{O}(0; \{18^2, 9^6, 2^{10}\})$	188082
18	$\mathcal{O}(0; \{18^2, 9^6, 3^3, 2^6\})$	1504656
18	$\mathcal{O}(0; \{18^2, 9^6, 3^6, 2^2\})$	12037248
18	$\mathcal{O}(0; \{18^2, 9^6, 6, 3, 2^7\})$	752328
18	$\mathcal{O}(0; \{18^2, 9^6, 6, 3^4, 2^3\})$	6018624
18	$\mathcal{O}(0; \{18^2, 9^6, 6^2, 3^2, 2^4\})$	3009312
18	$\mathcal{O}(0; \{18^2, 9^6, 6^2, 3^5\})$	24074496
18	$\mathcal{O}(0; \{18^2, 9^6, 6^3, 2^5\})$	1504656
18	$\mathcal{O}(0; \{18^2, 9^6, 6^3, 3^3, 2\})$	12037248
18	$\mathcal{O}(0; \{18^2, 9^6, 6^4, 3, 2^2\})$	6018624
18	$\mathcal{O}(0; \{18^2, 9^6, 6^6\})$	12037248
18	$\mathcal{O}(0; \{18^2, 9^9, 3^2, 2^2\})$	161085672
18	$\mathcal{O}(0; \{18^2, 9^9, 6, 2^3\})$	80542836
18	$\mathcal{O}(0; \{18^2, 9^9, 6^2, 3\})$	322171344
18	$\mathcal{O}(0; \{18^3, 9, 2^{17}\})$	162
18	$\mathcal{O}(0; \{18^3, 9, 3^3, 2^{13}\})$	1296
18	$\mathcal{O}(0; \{18^3, 9, 3^6, 2^9\})$	10368
18	$\mathcal{O}(0; \{18^3, 9, 3^9, 2^5\})$	82944
18	$\mathcal{O}(0; \{18^3, 9, 3^{12}, 2\})$	663552
18	$\mathcal{O}(0; \{18^3, 9, 6, 3, 2^{14}\})$	648
18	$\mathcal{O}(0; \{18^3, 9, 6, 3^4, 2^{10}\})$	5184
18	$\mathcal{O}(0; \{18^3, 9, 6, 3^7, 2^6\})$	41472
18	$\mathcal{O}(0; \{18^3, 9, 6, 3^{10}, 2^2\})$	331776
18	$\mathcal{O}(0; \{18^3, 9, 6^2, 3^2, 2^{11}\})$	2592
18	$\mathcal{O}(0; \{18^3, 9, 6^2, 3^5, 2^7\})$	20736
18	$\mathcal{O}(0; \{18^3, 9, 6^2, 3^8, 2^3\})$	165888
18	$\mathcal{O}(0; \{18^3, 9, 6^3, 2^{12}\})$	1296
18	$\mathcal{O}(0; \{18^3, 9, 6^3, 3^3, 2^8\})$	10368
18	$\mathcal{O}(0; \{18^3, 9, 6^3, 3^6, 2^4\})$	82944
18	$\mathcal{O}(0; \{18^3, 9, 6^3, 3^9\})$	663552
18	$\mathcal{O}(0; \{18^3, 9, 6^4, 3, 2^9\})$	5184
18	$\mathcal{O}(0; \{18^3, 9, 6^4, 3^4, 2^5\})$	41472
18	$\mathcal{O}(0; \{18^3, 9, 6^4, 3^7, 2\})$	331776
18	$\mathcal{O}(0; \{18^3, 9, 6^5, 3^2, 2^6\})$	20736
18	$\mathcal{O}(0; \{18^3, 9, 6^5, 3^5, 2^2\})$	165888

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^3, 9, 6^6, 2^7\})$	10368
18	$\mathcal{O}(0; \{18^3, 9, 6^6, 3^3, 2^3\})$	82944
18	$\mathcal{O}(0; \{18^3, 9, 6^7, 3, 2^4\})$	41472
18	$\mathcal{O}(0; \{18^3, 9, 6^7, 3^4\})$	331776
18	$\mathcal{O}(0; \{18^3, 9, 6^8, 3^2, 2\})$	165888
18	$\mathcal{O}(0; \{18^3, 9, 6^9, 2^2\})$	82944
18	$\mathcal{O}(0; \{18^3, 9^4, 3^2, 2^9\})$	122472
18	$\mathcal{O}(0; \{18^3, 9^4, 3^5, 2^5\})$	979776
18	$\mathcal{O}(0; \{18^3, 9^4, 3^8, 2\})$	7838208
18	$\mathcal{O}(0; \{18^3, 9^4, 6, 2^{10}\})$	61236
18	$\mathcal{O}(0; \{18^3, 9^4, 6, 3^3, 2^6\})$	489888
18	$\mathcal{O}(0; \{18^3, 9^4, 6, 3^6, 2^2\})$	3919104
18	$\mathcal{O}(0; \{18^3, 9^4, 6^2, 3, 2^7\})$	244944
18	$\mathcal{O}(0; \{18^3, 9^4, 6^2, 3^4, 2^3\})$	1959552
18	$\mathcal{O}(0; \{18^3, 9^4, 6^3, 3^2, 2^4\})$	979776
18	$\mathcal{O}(0; \{18^3, 9^4, 6^3, 3^5\})$	7838208
18	$\mathcal{O}(0; \{18^3, 9^4, 6^4, 2^5\})$	489888
18	$\mathcal{O}(0; \{18^3, 9^4, 6^4, 3^3, 2\})$	3919104
18	$\mathcal{O}(0; \{18^3, 9^4, 6^5, 3, 2^2\})$	1959552
18	$\mathcal{O}(0; \{18^3, 9^4, 6^7\})$	3919104
18	$\mathcal{O}(0; \{18^3, 9^7, 3, 2^5\})$	13463172
18	$\mathcal{O}(0; \{18^3, 9^7, 3^4, 2\})$	107705376
18	$\mathcal{O}(0; \{18^3, 9^7, 6, 3^2, 2^2\})$	53852688
18	$\mathcal{O}(0; \{18^3, 9^7, 6^2, 2^3\})$	26926344
18	$\mathcal{O}(0; \{18^3, 9^7, 6^3, 3\})$	107705376
18	$\mathcal{O}(0; \{18^3, 9^{10}, 2\})$	1450833930
18	$\mathcal{O}(0; \{18^4, 9^2, 3, 2^{12}\})$	10692
18	$\mathcal{O}(0; \{18^4, 9^2, 3^4, 2^8\})$	85536
18	$\mathcal{O}(0; \{18^4, 9^2, 3^7, 2^4\})$	684288
18	$\mathcal{O}(0; \{18^4, 9^2, 3^{10}\})$	5474304
18	$\mathcal{O}(0; \{18^4, 9^2, 6, 3^2, 2^9\})$	42768
18	$\mathcal{O}(0; \{18^4, 9^2, 6, 3^5, 2^5\})$	342144
18	$\mathcal{O}(0; \{18^4, 9^2, 6, 3^8, 2\})$	2737152
18	$\mathcal{O}(0; \{18^4, 9^2, 6^2, 2^{10}\})$	21384
18	$\mathcal{O}(0; \{18^4, 9^2, 6^2, 3^3, 2^6\})$	171072
18	$\mathcal{O}(0; \{18^4, 9^2, 6^2, 3^6, 2^2\})$	1368576
18	$\mathcal{O}(0; \{18^4, 9^2, 6^3, 3, 2^7\})$	85536
18	$\mathcal{O}(0; \{18^4, 9^2, 6^3, 3^4, 2^3\})$	684288
18	$\mathcal{O}(0; \{18^4, 9^2, 6^4, 3^2, 2^4\})$	342144
18	$\mathcal{O}(0; \{18^4, 9^2, 6^4, 3^5\})$	2737152
18	$\mathcal{O}(0; \{18^4, 9^2, 6^5, 2^5\})$	171072
18	$\mathcal{O}(0; \{18^4, 9^2, 6^5, 3^3, 2\})$	1368576
18	$\mathcal{O}(0; \{18^4, 9^2, 6^6, 3, 2^2\})$	684288

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^4, 9^2, 6^8\})$	1368576
18	$\mathcal{O}(0; \{18^4, 9^5, 2^8\})$	1115370
18	$\mathcal{O}(0; \{18^4, 9^5, 3^3, 2^4\})$	8922960
18	$\mathcal{O}(0; \{18^4, 9^5, 3^6\})$	71383680
18	$\mathcal{O}(0; \{18^4, 9^5, 6, 3, 2^5\})$	4461480
18	$\mathcal{O}(0; \{18^4, 9^5, 6, 3^4, 2\})$	35691840
18	$\mathcal{O}(0; \{18^4, 9^5, 6^2, 3^2, 2^2\})$	17845920
18	$\mathcal{O}(0; \{18^4, 9^5, 6^3, 2^3\})$	8922960
18	$\mathcal{O}(0; \{18^4, 9^5, 6^4, 3\})$	35691840
18	$\mathcal{O}(0; \{18^4, 9^8, 3^2\})$	967931208
18	$\mathcal{O}(0; \{18^4, 9^8, 6, 2\})$	483965604
18	$\mathcal{O}(0; \{18^5, 2^{15}\})$	810
18	$\mathcal{O}(0; \{18^5, 3^3, 2^{11}\})$	6480
18	$\mathcal{O}(0; \{18^5, 3^6, 2^7\})$	51840
18	$\mathcal{O}(0; \{18^5, 3^9, 2^3\})$	414720
18	$\mathcal{O}(0; \{18^5, 6, 3, 2^{12}\})$	3240
18	$\mathcal{O}(0; \{18^5, 6, 3^4, 2^8\})$	25920
18	$\mathcal{O}(0; \{18^5, 6, 3^7, 2^4\})$	207360
18	$\mathcal{O}(0; \{18^5, 6, 3^{10}\})$	1658880
18	$\mathcal{O}(0; \{18^5, 6^2, 3^2, 2^9\})$	12960
18	$\mathcal{O}(0; \{18^5, 6^2, 3^5, 2^5\})$	103680
18	$\mathcal{O}(0; \{18^5, 6^2, 3^8, 2\})$	829440
18	$\mathcal{O}(0; \{18^5, 6^3, 2^{10}\})$	6480
18	$\mathcal{O}(0; \{18^5, 6^3, 3^3, 2^6\})$	51840
18	$\mathcal{O}(0; \{18^5, 6^3, 3^6, 2^2\})$	414720
18	$\mathcal{O}(0; \{18^5, 6^4, 3, 2^7\})$	25920
18	$\mathcal{O}(0; \{18^5, 6^4, 3^4, 2^3\})$	207360
18	$\mathcal{O}(0; \{18^5, 6^5, 3^2, 2^4\})$	103680
18	$\mathcal{O}(0; \{18^5, 6^5, 3^5\})$	829440
18	$\mathcal{O}(0; \{18^5, 6^6, 2^5\})$	51840
18	$\mathcal{O}(0; \{18^5, 6^6, 3^3, 2\})$	414720
18	$\mathcal{O}(0; \{18^5, 6^7, 3, 2^2\})$	207360
18	$\mathcal{O}(0; \{18^5, 6^9\})$	414720
18	$\mathcal{O}(0; \{18^5, 9^3, 3^2, 2^7\})$	752328
18	$\mathcal{O}(0; \{18^5, 9^3, 3^5, 2^3\})$	6018624
18	$\mathcal{O}(0; \{18^5, 9^3, 6, 2^8\})$	376164
18	$\mathcal{O}(0; \{18^5, 9^3, 6, 3^3, 2^4\})$	3009312
18	$\mathcal{O}(0; \{18^5, 9^3, 6, 3^6\})$	24074496
18	$\mathcal{O}(0; \{18^5, 9^3, 6^2, 3, 2^5\})$	1504656
18	$\mathcal{O}(0; \{18^5, 9^3, 6^2, 3^4, 2\})$	12037248
18	$\mathcal{O}(0; \{18^5, 9^3, 6^3, 3^2, 2^2\})$	6018624
18	$\mathcal{O}(0; \{18^5, 9^3, 6^4, 2^3\})$	3009312
18	$\mathcal{O}(0; \{18^5, 9^3, 6^5, 3\})$	12037248

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^5, 9^6, 3, 2^3\})$	80542836
18	$\mathcal{O}(0; \{18^5, 9^6, 6, 3^2\})$	322171344
18	$\mathcal{O}(0; \{18^5, 9^6, 6^2, 2\})$	161085672
18	$\mathcal{O}(0; \{18^6, 9, 3, 2^{10}\})$	61236
18	$\mathcal{O}(0; \{18^6, 9, 3^4, 2^6\})$	489888
18	$\mathcal{O}(0; \{18^6, 9, 3^7, 2^2\})$	3919104
18	$\mathcal{O}(0; \{18^6, 9, 6, 3^2, 2^7\})$	244944
18	$\mathcal{O}(0; \{18^6, 9, 6, 3^5, 2^3\})$	1959552
18	$\mathcal{O}(0; \{18^6, 9, 6^2, 2^8\})$	122472
18	$\mathcal{O}(0; \{18^6, 9, 6^2, 3^3, 2^4\})$	979776
18	$\mathcal{O}(0; \{18^6, 9, 6^2, 3^6\})$	7838208
18	$\mathcal{O}(0; \{18^6, 9, 6^3, 3, 2^5\})$	489888
18	$\mathcal{O}(0; \{18^6, 9, 6^3, 3^4, 2\})$	3919104
18	$\mathcal{O}(0; \{18^6, 9, 6^4, 3^2, 2^2\})$	1959552
18	$\mathcal{O}(0; \{18^6, 9, 6^5, 2^3\})$	979776
18	$\mathcal{O}(0; \{18^6, 9, 6^6, 3\})$	3919104
18	$\mathcal{O}(0; \{18^6, 9^4, 2^6\})$	6731586
18	$\mathcal{O}(0; \{18^6, 9^4, 3^3, 2^2\})$	53852688
18	$\mathcal{O}(0; \{18^6, 9^4, 6, 3, 2^3\})$	26926344
18	$\mathcal{O}(0; \{18^6, 9^4, 6^2, 3^2\})$	107705376
18	$\mathcal{O}(0; \{18^6, 9^4, 6^3, 2\})$	53852688
18	$\mathcal{O}(0; \{18^7, 9^2, 3^2, 2^5\})$	4461480
18	$\mathcal{O}(0; \{18^7, 9^2, 3^5, 2\})$	35691840
18	$\mathcal{O}(0; \{18^7, 9^2, 6, 2^6\})$	2230740
18	$\mathcal{O}(0; \{18^7, 9^2, 6, 3^3, 2^2\})$	17845920
18	$\mathcal{O}(0; \{18^7, 9^2, 6^2, 3, 2^3\})$	8922960
18	$\mathcal{O}(0; \{18^7, 9^2, 6^3, 3^2\})$	35691840
18	$\mathcal{O}(0; \{18^7, 9^2, 6^4, 2\})$	17845920
18	$\mathcal{O}(0; \{18^7, 9^5, 3, 2\})$	483965604
18	$\mathcal{O}(0; \{18^8, 3, 2^8\})$	376164
18	$\mathcal{O}(0; \{18^8, 3^4, 2^4\})$	3009312
18	$\mathcal{O}(0; \{18^8, 3^7\})$	24074496
18	$\mathcal{O}(0; \{18^8, 6, 3^2, 2^5\})$	1504656
18	$\mathcal{O}(0; \{18^8, 6, 3^5, 2\})$	12037248
18	$\mathcal{O}(0; \{18^8, 6^2, 2^6\})$	752328
18	$\mathcal{O}(0; \{18^8, 6^2, 3^3, 2^2\})$	6018624
18	$\mathcal{O}(0; \{18^8, 6^3, 3, 2^3\})$	3009312
18	$\mathcal{O}(0; \{18^8, 6^4, 3^2\})$	12037248
18	$\mathcal{O}(0; \{18^8, 6^5, 2\})$	6018624
18	$\mathcal{O}(0; \{18^8, 9^3, 2^4\})$	40271418
18	$\mathcal{O}(0; \{18^8, 9^3, 3^3\})$	322171344
18	$\mathcal{O}(0; \{18^8, 9^3, 6, 3, 2\})$	161085672
18	$\mathcal{O}(0; \{18^9, 9, 3^2, 2^3\})$	26926344

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^9, 9, 6, 2^4\})$	13463172
18	$\mathcal{O}(0; \{18^9, 9, 6, 3^3\})$	107705376
18	$\mathcal{O}(0; \{18^9, 9, 6^2, 3, 2\})$	53852688
18	$\mathcal{O}(0; \{18^{10}, 9^2, 2^2\})$	241982802
18	$\mathcal{O}(0; \{18^{11}, 3^2, 2\})$	161085672
18	$\mathcal{O}(0; \{18^{11}, 6, 2^2\})$	80542836
18	$\mathcal{O}(0; \{18^{12}, 9\})$	1450833930
19	$\mathcal{O}(3; \{19^6\})$	84217678403958
20	$\mathcal{O}(4; \{5^4\})$	1326000000000
20	$\mathcal{O}(4; \{10, 5, 2^3\})$	1020000000000
20	$\mathcal{O}(4; \{10, 5, 4^2\})$	2048000000000
20	$\mathcal{O}(4; \{10^3, 2\})$	3060000000000
20	$\mathcal{O}(4; \{20^2, 5, 2\})$	6144000000000
20	$\mathcal{O}(3; \{5^4, 2^4\})$	32760000000
20	$\mathcal{O}(3; \{5^4, 4^2, 2\})$	66560000000
20	$\mathcal{O}(3; \{10, 5, 2^7\})$	252000000
20	$\mathcal{O}(3; \{10, 5, 4^2, 2^4\})$	512000000
20	$\mathcal{O}(3; \{10, 5, 4^4, 2\})$	2048000000
20	$\mathcal{O}(3; \{10^2, 5^3, 2^2\})$	12852000000
20	$\mathcal{O}(3; \{10^3, 2^5\})$	756000000
20	$\mathcal{O}(3; \{10^3, 4^2, 2^2\})$	1536000000
20	$\mathcal{O}(3; \{10^4, 5^2\})$	51660000000
20	$\mathcal{O}(3; \{20, 10, 5^2, 4, 2^2\})$	66560000000
20	$\mathcal{O}(3; \{20, 10^3, 5, 4\})$	26112000000
20	$\mathcal{O}(3; \{20^2, 5, 2^3\})$	1536000000
20	$\mathcal{O}(3; \{20^2, 5, 4^2, 2^2\})$	6144000000
20	$\mathcal{O}(3; \{20^2, 10, 5^3\})$	104960000000
20	$\mathcal{O}(3; \{20^2, 10^2, 2^3\})$	6656000000
20	$\mathcal{O}(3; \{20^2, 10^2, 4^2\})$	26624000000
20	$\mathcal{O}(3; \{20^3, 5^2, 4\})$	104448000000
20	$\mathcal{O}(3; \{20^4, 10, 2\})$	104448000000
20	$\mathcal{O}(2; \{5^4, 2^8\})$	7800000
20	$\mathcal{O}(2; \{5^4, 4^2, 2^5\})$	16640000
20	$\mathcal{O}(2; \{5^4, 4^4, 2^2\})$	66560000
20	$\mathcal{O}(2; \{5^9\})$	7864200000
20	$\mathcal{O}(2; \{10, 5, 2^{11}\})$	600000
20	$\mathcal{O}(2; \{10, 5, 4^2, 2^8\})$	1280000
20	$\mathcal{O}(2; \{10, 5, 4^4, 2^5\})$	5120000
20	$\mathcal{O}(2; \{10, 5, 4^6, 2^2\})$	20480000
20	$\mathcal{O}(2; \{10, 5^6, 2^3\})$	491400000
20	$\mathcal{O}(2; \{10, 5^6, 4^2\})$	1048320000
20	$\mathcal{O}(2; \{10^2, 5^3, 2^6\})$	30600000
20	$\mathcal{O}(2; \{10^2, 5^3, 4^2, 2^3\})$	65280000

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(2; \{10^2, 5^3, 4^4\})$	261120000
20	$\mathcal{O}(2; \{10^3, 2^9\})$	1800000
20	$\mathcal{O}(2; \{10^3, 4^2, 2^6\})$	3840000
20	$\mathcal{O}(2; \{10^3, 4^4, 2^3\})$	15360000
20	$\mathcal{O}(2; \{10^3, 4^6\})$	61440000
20	$\mathcal{O}(2; \{10^3, 5^5, 2\})$	1966200000
20	$\mathcal{O}(2; \{10^4, 5^2, 2^4\})$	123000000
20	$\mathcal{O}(2; \{10^4, 5^2, 4^2, 2\})$	262400000
20	$\mathcal{O}(2; \{10^6, 5, 2^2\})$	491400000
20	$\mathcal{O}(2; \{10^8\})$	1966200000
20	$\mathcal{O}(2; \{20, 5^5, 4, 2^3\})$	262400000
20	$\mathcal{O}(2; \{20, 5^5, 4^3\})$	1049600000
20	$\mathcal{O}(2; \{20, 10, 5^2, 4, 2^6\})$	16640000
20	$\mathcal{O}(2; \{20, 10, 5^2, 4^3, 2^3\})$	66560000
20	$\mathcal{O}(2; \{20, 10, 5^2, 4^5\})$	266240000
20	$\mathcal{O}(2; \{20, 10^2, 5^4, 4, 2\})$	1048320000
20	$\mathcal{O}(2; \{20, 10^3, 5, 4, 2^4\})$	65280000
20	$\mathcal{O}(2; \{20, 10^3, 5, 4^3, 2\})$	261120000
20	$\mathcal{O}(2; \{20, 10^5, 4, 2^2\})$	262400000
20	$\mathcal{O}(2; \{20^2, 5, 2^9\})$	3840000
20	$\mathcal{O}(2; \{20^2, 5, 4^2, 2^6\})$	15360000
20	$\mathcal{O}(2; \{20^2, 5, 4^4, 2^3\})$	61440000
20	$\mathcal{O}(2; \{20^2, 5, 4^6\})$	245760000
20	$\mathcal{O}(2; \{20^2, 5^6, 2\})$	4194560000
20	$\mathcal{O}(2; \{20^2, 10, 5^3, 2^4\})$	262400000
20	$\mathcal{O}(2; \{20^2, 10, 5^3, 4^2, 2\})$	1049600000
20	$\mathcal{O}(2; \{20^2, 10^2, 2^7\})$	16640000
20	$\mathcal{O}(2; \{20^2, 10^2, 4^2, 2^4\})$	66560000
20	$\mathcal{O}(2; \{20^2, 10^2, 4^4, 2\})$	266240000
20	$\mathcal{O}(2; \{20^2, 10^3, 5^2, 2^2\})$	1048320000
20	$\mathcal{O}(2; \{20^2, 10^5, 5\})$	4194560000
20	$\mathcal{O}(2; \{20^3, 5^2, 4, 2^4\})$	261120000
20	$\mathcal{O}(2; \{20^3, 5^2, 4^3, 2\})$	1044480000
20	$\mathcal{O}(2; \{20^3, 10^2, 5, 4, 2^2\})$	1049600000
20	$\mathcal{O}(2; \{20^3, 10^4, 4\})$	4193280000
20	$\mathcal{O}(2; \{20^4, 5^3, 2^2\})$	4193280000
20	$\mathcal{O}(2; \{20^4, 10, 2^5\})$	261120000
20	$\mathcal{O}(2; \{20^4, 10, 4^2, 2^2\})$	1044480000
20	$\mathcal{O}(2; \{20^4, 10^2, 5^2\})$	16778240000
20	$\mathcal{O}(2; \{20^5, 10, 5, 4\})$	16773120000
20	$\mathcal{O}(2; \{20^6, 2^3\})$	4198400000
20	$\mathcal{O}(2; \{20^6, 4^2\})$	16793600000
20	$\mathcal{O}(1; \{5^4, 2^{12}\})$	15600

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{5^4, 4^2, 2^9\})$	41600
20	$\mathcal{O}(1; \{5^4, 4^4, 2^6\})$	166400
20	$\mathcal{O}(1; \{5^4, 4^6, 2^3\})$	665600
20	$\mathcal{O}(1; \{5^4, 4^8\})$	2662400
20	$\mathcal{O}(1; \{5^9, 2^4\})$	15728400
20	$\mathcal{O}(1; \{5^9, 4^2, 2\})$	41942400
20	$\mathcal{O}(1; \{10, 5, 2^{15}\})$	1200
20	$\mathcal{O}(1; \{10, 5, 4^2, 2^{12}\})$	3200
20	$\mathcal{O}(1; \{10, 5, 4^4, 2^9\})$	12800
20	$\mathcal{O}(1; \{10, 5, 4^6, 2^6\})$	51200
20	$\mathcal{O}(1; \{10, 5, 4^8, 2^3\})$	204800
20	$\mathcal{O}(1; \{10, 5, 4^{10}\})$	819200
20	$\mathcal{O}(1; \{10, 5^6, 2^7\})$	982800
20	$\mathcal{O}(1; \{10, 5^6, 4^2, 2^4\})$	2620800
20	$\mathcal{O}(1; \{10, 5^6, 4^4, 2\})$	10483200
20	$\mathcal{O}(1; \{10^2, 5^3, 2^{10}\})$	61200
20	$\mathcal{O}(1; \{10^2, 5^3, 4^2, 2^7\})$	163200
20	$\mathcal{O}(1; \{10^2, 5^3, 4^4, 2^4\})$	652800
20	$\mathcal{O}(1; \{10^2, 5^3, 4^6, 2\})$	2611200
20	$\mathcal{O}(1; \{10^2, 5^8, 2^2\})$	62914800
20	$\mathcal{O}(1; \{10^3, 2^{13}\})$	3600
20	$\mathcal{O}(1; \{10^3, 4^2, 2^{10}\})$	9600
20	$\mathcal{O}(1; \{10^3, 4^4, 2^7\})$	38400
20	$\mathcal{O}(1; \{10^3, 4^6, 2^4\})$	153600
20	$\mathcal{O}(1; \{10^3, 4^8, 2\})$	614400
20	$\mathcal{O}(1; \{10^3, 5^5, 2^5\})$	3932400
20	$\mathcal{O}(1; \{10^3, 5^5, 4^2, 2^2\})$	10486400
20	$\mathcal{O}(1; \{10^4, 5^2, 2^8\})$	246000
20	$\mathcal{O}(1; \{10^4, 5^2, 4^2, 2^5\})$	656000
20	$\mathcal{O}(1; \{10^4, 5^2, 4^4, 2^2\})$	2624000
20	$\mathcal{O}(1; \{10^4, 5^7\})$	251658000
20	$\mathcal{O}(1; \{10^5, 5^4, 2^3\})$	15728400
20	$\mathcal{O}(1; \{10^5, 5^4, 4^2\})$	41942400
20	$\mathcal{O}(1; \{10^6, 5, 2^6\})$	982800
20	$\mathcal{O}(1; \{10^6, 5, 4^2, 2^3\})$	2620800
20	$\mathcal{O}(1; \{10^6, 5, 4^4\})$	10483200
20	$\mathcal{O}(1; \{10^7, 5^3, 2\})$	62914800
20	$\mathcal{O}(1; \{10^8, 2^4\})$	3932400
20	$\mathcal{O}(1; \{10^8, 4^2, 2\})$	10486400
20	$\mathcal{O}(1; \{20, 5^5, 4, 2^7\})$	656000
20	$\mathcal{O}(1; \{20, 5^5, 4^3, 2^4\})$	2624000
20	$\mathcal{O}(1; \{20, 5^5, 4^5, 2\})$	10496000
20	$\mathcal{O}(1; \{20, 10, 5^2, 4, 2^{10}\})$	41600

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{20, 10, 5^2, 4^3, 2^7\})$	166400
20	$\mathcal{O}(1; \{20, 10, 5^2, 4^5, 2^4\})$	665600
20	$\mathcal{O}(1; \{20, 10, 5^2, 4^7, 2\})$	2662400
20	$\mathcal{O}(1; \{20, 10, 5^7, 4, 2^2\})$	41942400
20	$\mathcal{O}(1; \{20, 10^2, 5^4, 4, 2^5\})$	2620800
20	$\mathcal{O}(1; \{20, 10^2, 5^4, 4^3, 2^2\})$	10483200
20	$\mathcal{O}(1; \{20, 10^3, 5, 4, 2^8\})$	163200
20	$\mathcal{O}(1; \{20, 10^3, 5, 4^3, 2^5\})$	652800
20	$\mathcal{O}(1; \{20, 10^3, 5, 4^5, 2^2\})$	2611200
20	$\mathcal{O}(1; \{20, 10^3, 5^6, 4\})$	167772800
20	$\mathcal{O}(1; \{20, 10^4, 5^3, 4, 2^3\})$	10486400
20	$\mathcal{O}(1; \{20, 10^4, 5^3, 4^3\})$	41945600
20	$\mathcal{O}(1; \{20, 10^5, 4, 2^6\})$	656000
20	$\mathcal{O}(1; \{20, 10^5, 4^3, 2^3\})$	2624000
20	$\mathcal{O}(1; \{20, 10^5, 4^5\})$	10496000
20	$\mathcal{O}(1; \{20, 10^6, 5^2, 4, 2\})$	41942400
20	$\mathcal{O}(1; \{20^2, 5, 2^{13}\})$	9600
20	$\mathcal{O}(1; \{20^2, 5, 4^2, 2^{10}\})$	38400
20	$\mathcal{O}(1; \{20^2, 5, 4^4, 2^7\})$	153600
20	$\mathcal{O}(1; \{20^2, 5, 4^6, 2^4\})$	614400
20	$\mathcal{O}(1; \{20^2, 5, 4^8, 2\})$	2457600
20	$\mathcal{O}(1; \{20^2, 5^6, 2^5\})$	10486400
20	$\mathcal{O}(1; \{20^2, 5^6, 4^2, 2^2\})$	41945600
20	$\mathcal{O}(1; \{20^2, 10, 5^3, 2^8\})$	656000
20	$\mathcal{O}(1; \{20^2, 10, 5^3, 4^2, 2^5\})$	2624000
20	$\mathcal{O}(1; \{20^2, 10, 5^3, 4^4, 2^2\})$	10496000
20	$\mathcal{O}(1; \{20^2, 10, 5^8\})$	671088000
20	$\mathcal{O}(1; \{20^2, 10^2, 2^{11}\})$	41600
20	$\mathcal{O}(1; \{20^2, 10^2, 4^2, 2^8\})$	166400
20	$\mathcal{O}(1; \{20^2, 10^2, 4^4, 2^5\})$	665600
20	$\mathcal{O}(1; \{20^2, 10^2, 4^6, 2^2\})$	2662400
20	$\mathcal{O}(1; \{20^2, 10^2, 5^5, 2^3\})$	41942400
20	$\mathcal{O}(1; \{20^2, 10^2, 5^5, 4^2\})$	167769600
20	$\mathcal{O}(1; \{20^2, 10^3, 5^2, 2^6\})$	2620800
20	$\mathcal{O}(1; \{20^2, 10^3, 5^2, 4^2, 2^3\})$	10483200
20	$\mathcal{O}(1; \{20^2, 10^3, 5^2, 4^4\})$	41932800
20	$\mathcal{O}(1; \{20^2, 10^4, 5^4, 2\})$	167772800
20	$\mathcal{O}(1; \{20^2, 10^5, 5, 2^4\})$	10486400
20	$\mathcal{O}(1; \{20^2, 10^5, 5, 4^2, 2\})$	41945600
20	$\mathcal{O}(1; \{20^2, 10^7, 2^2\})$	41942400
20	$\mathcal{O}(1; \{20^3, 5^2, 4, 2^8\})$	652800
20	$\mathcal{O}(1; \{20^3, 5^2, 4^3, 2^5\})$	2611200
20	$\mathcal{O}(1; \{20^3, 5^2, 4^5, 2^2\})$	10444800

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{20^3, 5^7, 4\})$	671091200
20	$\mathcal{O}(1; \{20^3, 10, 5^4, 4, 2^3\})$	41945600
20	$\mathcal{O}(1; \{20^3, 10, 5^4, 4^3\})$	167782400
20	$\mathcal{O}(1; \{20^3, 10^2, 5, 4, 2^6\})$	2624000
20	$\mathcal{O}(1; \{20^3, 10^2, 5, 4^3, 2^3\})$	10496000
20	$\mathcal{O}(1; \{20^3, 10^2, 5, 4^5\})$	41984000
20	$\mathcal{O}(1; \{20^3, 10^3, 5^3, 4, 2\})$	167769600
20	$\mathcal{O}(1; \{20^3, 10^4, 4, 2^4\})$	10483200
20	$\mathcal{O}(1; \{20^3, 10^4, 4^3, 2\})$	41932800
20	$\mathcal{O}(1; \{20^4, 5^3, 2^6\})$	10483200
20	$\mathcal{O}(1; \{20^4, 5^3, 4^2, 2^3\})$	41932800
20	$\mathcal{O}(1; \{20^4, 5^3, 4^4\})$	167731200
20	$\mathcal{O}(1; \{20^4, 10, 2^9\})$	652800
20	$\mathcal{O}(1; \{20^4, 10, 4^2, 2^6\})$	2611200
20	$\mathcal{O}(1; \{20^4, 10, 4^4, 2^3\})$	10444800
20	$\mathcal{O}(1; \{20^4, 10, 4^6\})$	41779200
20	$\mathcal{O}(1; \{20^4, 10, 5^5, 2\})$	671091200
20	$\mathcal{O}(1; \{20^4, 10^2, 5^2, 2^4\})$	41945600
20	$\mathcal{O}(1; \{20^4, 10^2, 5^2, 4^2, 2\})$	167782400
20	$\mathcal{O}(1; \{20^4, 10^4, 5, 2^2\})$	167769600
20	$\mathcal{O}(1; \{20^4, 10^6\})$	671091200
20	$\mathcal{O}(1; \{20^5, 5^4, 4, 2\})$	671078400
20	$\mathcal{O}(1; \{20^5, 10, 5, 4, 2^4\})$	41932800
20	$\mathcal{O}(1; \{20^5, 10, 5, 4^3, 2\})$	167731200
20	$\mathcal{O}(1; \{20^5, 10^3, 4, 2^2\})$	167782400
20	$\mathcal{O}(1; \{20^6, 2^7\})$	10496000
20	$\mathcal{O}(1; \{20^6, 4^2, 2^4\})$	41984000
20	$\mathcal{O}(1; \{20^6, 4^4, 2\})$	167936000
20	$\mathcal{O}(1; \{20^6, 10, 5^2, 2^2\})$	671078400
20	$\mathcal{O}(1; \{20^6, 10^3, 5\})$	2684364800
20	$\mathcal{O}(1; \{20^7, 5, 4, 2^2\})$	671129600
20	$\mathcal{O}(1; \{20^7, 10^2, 4\})$	2684313600
20	$\mathcal{O}(1; \{20^8, 5^2\})$	10737459200
20	$\mathcal{O}(0; \{5^4, 4^2, 2^{13}\})$	104
20	$\mathcal{O}(0; \{5^4, 4^4, 2^{10}\})$	416
20	$\mathcal{O}(0; \{5^4, 4^6, 2^7\})$	1664
20	$\mathcal{O}(0; \{5^4, 4^8, 2^4\})$	6656
20	$\mathcal{O}(0; \{5^4, 4^{10}, 2\})$	26624
20	$\mathcal{O}(0; \{5^9, 4^2, 2^5\})$	104856
20	$\mathcal{O}(0; \{5^9, 4^4, 2^2\})$	419424
20	$\mathcal{O}(0; \{10, 5, 4^2, 2^{16}\})$	8
20	$\mathcal{O}(0; \{10, 5, 4^4, 2^{13}\})$	32
20	$\mathcal{O}(0; \{10, 5, 4^6, 2^{10}\})$	128

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{10, 5, 4^8, 2^7\})$	512
20	$\mathcal{O}(0; \{10, 5, 4^{10}, 2^4\})$	2048
20	$\mathcal{O}(0; \{10, 5, 4^{12}, 2\})$	8192
20	$\mathcal{O}(0; \{10, 5^6, 4^2, 2^8\})$	6552
20	$\mathcal{O}(0; \{10, 5^6, 4^4, 2^5\})$	26208
20	$\mathcal{O}(0; \{10, 5^6, 4^6, 2^2\})$	104832
20	$\mathcal{O}(0; \{10, 5^{11}, 4^2\})$	6710888
20	$\mathcal{O}(0; \{10^2, 5^3, 4^2, 2^{11}\})$	408
20	$\mathcal{O}(0; \{10^2, 5^3, 4^4, 2^8\})$	1632
20	$\mathcal{O}(0; \{10^2, 5^3, 4^6, 2^5\})$	6528
20	$\mathcal{O}(0; \{10^2, 5^3, 4^8, 2^2\})$	26112
20	$\mathcal{O}(0; \{10^2, 5^8, 4^2, 2^3\})$	419432
20	$\mathcal{O}(0; \{10^2, 5^8, 4^4\})$	1677728
20	$\mathcal{O}(0; \{10^3, 4^2, 2^{14}\})$	24
20	$\mathcal{O}(0; \{10^3, 4^4, 2^{11}\})$	96
20	$\mathcal{O}(0; \{10^3, 4^6, 2^8\})$	384
20	$\mathcal{O}(0; \{10^3, 4^8, 2^5\})$	1536
20	$\mathcal{O}(0; \{10^3, 4^{10}, 2^2\})$	6144
20	$\mathcal{O}(0; \{10^3, 5^5, 4^2, 2^6\})$	26216
20	$\mathcal{O}(0; \{10^3, 5^5, 4^4, 2^3\})$	104864
20	$\mathcal{O}(0; \{10^3, 5^5, 4^6\})$	419456
20	$\mathcal{O}(0; \{10^4, 5^2, 4^2, 2^9\})$	1640
20	$\mathcal{O}(0; \{10^4, 5^2, 4^4, 2^6\})$	6560
20	$\mathcal{O}(0; \{10^4, 5^2, 4^6, 2^3\})$	26240
20	$\mathcal{O}(0; \{10^4, 5^2, 4^8\})$	104960
20	$\mathcal{O}(0; \{10^4, 5^7, 4^2, 2\})$	1677720
20	$\mathcal{O}(0; \{10^5, 5^4, 4^2, 2^4\})$	104856
20	$\mathcal{O}(0; \{10^5, 5^4, 4^4, 2\})$	419424
20	$\mathcal{O}(0; \{10^6, 5, 4^2, 2^7\})$	6552
20	$\mathcal{O}(0; \{10^6, 5, 4^4, 2^4\})$	26208
20	$\mathcal{O}(0; \{10^6, 5, 4^6, 2\})$	104832
20	$\mathcal{O}(0; \{10^7, 5^3, 4^2, 2^2\})$	419432
20	$\mathcal{O}(0; \{10^8, 4^2, 2^5\})$	26216
20	$\mathcal{O}(0; \{10^8, 4^4, 2^2\})$	104864
20	$\mathcal{O}(0; \{10^9, 5^2, 4^2\})$	1677720
20	$\mathcal{O}(0; \{20, 5^5, 4, 2^{11}\})$	1640
20	$\mathcal{O}(0; \{20, 5^5, 4^3, 2^8\})$	6560
20	$\mathcal{O}(0; \{20, 5^5, 4^5, 2^5\})$	26240
20	$\mathcal{O}(0; \{20, 5^5, 4^7, 2^2\})$	104960
20	$\mathcal{O}(0; \{20, 5^{10}, 4, 2^3\})$	1677720
20	$\mathcal{O}(0; \{20, 5^{10}, 4^3\})$	6710880
20	$\mathcal{O}(0; \{20, 10, 5^2, 4, 2^{14}\})$	104
20	$\mathcal{O}(0; \{20, 10, 5^2, 4^3, 2^{11}\})$	416

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20, 10, 5^2, 4^5, 2^8\})$	1664
20	$\mathcal{O}(0; \{20, 10, 5^2, 4^7, 2^5\})$	6656
20	$\mathcal{O}(0; \{20, 10, 5^2, 4^9, 2^2\})$	26624
20	$\mathcal{O}(0; \{20, 10, 5^7, 4, 2^6\})$	104856
20	$\mathcal{O}(0; \{20, 10, 5^7, 4^3, 2^3\})$	419424
20	$\mathcal{O}(0; \{20, 10, 5^7, 4^5\})$	1677696
20	$\mathcal{O}(0; \{20, 10^2, 5^4, 4, 2^9\})$	6552
20	$\mathcal{O}(0; \{20, 10^2, 5^4, 4^3, 2^6\})$	26208
20	$\mathcal{O}(0; \{20, 10^2, 5^4, 4^5, 2^3\})$	104832
20	$\mathcal{O}(0; \{20, 10^2, 5^4, 4^7\})$	419328
20	$\mathcal{O}(0; \{20, 10^2, 5^9, 4, 2\})$	6710888
20	$\mathcal{O}(0; \{20, 10^3, 5, 4, 2^{12}\})$	408
20	$\mathcal{O}(0; \{20, 10^3, 5, 4^3, 2^9\})$	1632
20	$\mathcal{O}(0; \{20, 10^3, 5, 4^5, 2^6\})$	6528
20	$\mathcal{O}(0; \{20, 10^3, 5, 4^7, 2^3\})$	26112
20	$\mathcal{O}(0; \{20, 10^3, 5, 4^9\})$	104448
20	$\mathcal{O}(0; \{20, 10^3, 5^6, 4, 2^4\})$	419432
20	$\mathcal{O}(0; \{20, 10^3, 5^6, 4^3, 2\})$	1677728
20	$\mathcal{O}(0; \{20, 10^4, 5^3, 4, 2^7\})$	26216
20	$\mathcal{O}(0; \{20, 10^4, 5^3, 4^3, 2^4\})$	104864
20	$\mathcal{O}(0; \{20, 10^4, 5^3, 4^5, 2\})$	419456
20	$\mathcal{O}(0; \{20, 10^5, 4, 2^{10}\})$	1640
20	$\mathcal{O}(0; \{20, 10^5, 4^3, 2^7\})$	6560
20	$\mathcal{O}(0; \{20, 10^5, 4^5, 2^4\})$	26240
20	$\mathcal{O}(0; \{20, 10^5, 4^7, 2\})$	104960
20	$\mathcal{O}(0; \{20, 10^5, 5^5, 4, 2^2\})$	1677720
20	$\mathcal{O}(0; \{20, 10^6, 5^2, 4, 2^5\})$	104856
20	$\mathcal{O}(0; \{20, 10^6, 5^2, 4^3, 2^2\})$	419424
20	$\mathcal{O}(0; \{20, 10^7, 5^4, 4\})$	6710888
20	$\mathcal{O}(0; \{20, 10^8, 5, 4, 2^3\})$	419432
20	$\mathcal{O}(0; \{20, 10^8, 5, 4^3\})$	1677728
20	$\mathcal{O}(0; \{20, 10^{10}, 4, 2\})$	1677720
20	$\mathcal{O}(0; \{20^2, 5, 2^{17}\})$	24
20	$\mathcal{O}(0; \{20^2, 5, 4^2, 2^{14}\})$	96
20	$\mathcal{O}(0; \{20^2, 5, 4^4, 2^{11}\})$	384
20	$\mathcal{O}(0; \{20^2, 5, 4^6, 2^8\})$	1536
20	$\mathcal{O}(0; \{20^2, 5, 4^8, 2^5\})$	6144
20	$\mathcal{O}(0; \{20^2, 5, 4^{10}, 2^2\})$	24576
20	$\mathcal{O}(0; \{20^2, 5^6, 2^9\})$	26216
20	$\mathcal{O}(0; \{20^2, 5^6, 4^2, 2^6\})$	104864
20	$\mathcal{O}(0; \{20^2, 5^6, 4^4, 2^3\})$	419456
20	$\mathcal{O}(0; \{20^2, 5^6, 4^6\})$	1677824
20	$\mathcal{O}(0; \{20^2, 5^{11}, 2\})$	26843544

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20^2, 10, 5^3, 2^{12}\})$	1640
20	$\mathcal{O}(0; \{20^2, 10, 5^3, 4^2, 2^9\})$	6560
20	$\mathcal{O}(0; \{20^2, 10, 5^3, 4^4, 2^6\})$	26240
20	$\mathcal{O}(0; \{20^2, 10, 5^3, 4^6, 2^3\})$	104960
20	$\mathcal{O}(0; \{20^2, 10, 5^3, 4^8\})$	419840
20	$\mathcal{O}(0; \{20^2, 10, 5^8, 2^4\})$	1677720
20	$\mathcal{O}(0; \{20^2, 10, 5^8, 4^2, 2\})$	6710880
20	$\mathcal{O}(0; \{20^2, 10^2, 2^{15}\})$	104
20	$\mathcal{O}(0; \{20^2, 10^2, 4^2, 2^{12}\})$	416
20	$\mathcal{O}(0; \{20^2, 10^2, 4^4, 2^9\})$	1664
20	$\mathcal{O}(0; \{20^2, 10^2, 4^6, 2^6\})$	6656
20	$\mathcal{O}(0; \{20^2, 10^2, 4^8, 2^3\})$	26624
20	$\mathcal{O}(0; \{20^2, 10^2, 4^{10}\})$	106496
20	$\mathcal{O}(0; \{20^2, 10^2, 5^5, 2^7\})$	104856
20	$\mathcal{O}(0; \{20^2, 10^2, 5^5, 4^2, 2^4\})$	419424
20	$\mathcal{O}(0; \{20^2, 10^2, 5^5, 4^4, 2\})$	1677696
20	$\mathcal{O}(0; \{20^2, 10^3, 5^2, 2^{10}\})$	6552
20	$\mathcal{O}(0; \{20^2, 10^3, 5^2, 4^2, 2^7\})$	26208
20	$\mathcal{O}(0; \{20^2, 10^3, 5^2, 4^4, 2^4\})$	104832
20	$\mathcal{O}(0; \{20^2, 10^3, 5^2, 4^6, 2\})$	419328
20	$\mathcal{O}(0; \{20^2, 10^3, 5^7, 2^2\})$	6710888
20	$\mathcal{O}(0; \{20^2, 10^4, 5^4, 2^5\})$	419432
20	$\mathcal{O}(0; \{20^2, 10^4, 5^4, 4^2, 2^2\})$	1677728
20	$\mathcal{O}(0; \{20^2, 10^5, 5, 2^8\})$	26216
20	$\mathcal{O}(0; \{20^2, 10^5, 5, 4^2, 2^5\})$	104864
20	$\mathcal{O}(0; \{20^2, 10^5, 5, 4^4, 2^2\})$	419456
20	$\mathcal{O}(0; \{20^2, 10^5, 5^6\})$	26843544
20	$\mathcal{O}(0; \{20^2, 10^6, 5^3, 2^3\})$	1677720
20	$\mathcal{O}(0; \{20^2, 10^6, 5^3, 4^2\})$	6710880
20	$\mathcal{O}(0; \{20^2, 10^7, 2^6\})$	104856
20	$\mathcal{O}(0; \{20^2, 10^7, 4^2, 2^3\})$	419424
20	$\mathcal{O}(0; \{20^2, 10^7, 4^4\})$	1677696
20	$\mathcal{O}(0; \{20^2, 10^8, 5^2, 2\})$	6710888
20	$\mathcal{O}(0; \{20^3, 5^2, 4, 2^{12}\})$	1632
20	$\mathcal{O}(0; \{20^3, 5^2, 4^3, 2^9\})$	6528
20	$\mathcal{O}(0; \{20^3, 5^2, 4^5, 2^6\})$	26112
20	$\mathcal{O}(0; \{20^3, 5^2, 4^7, 2^3\})$	104448
20	$\mathcal{O}(0; \{20^3, 5^2, 4^9\})$	417792
20	$\mathcal{O}(0; \{20^3, 5^7, 4, 2^4\})$	1677728
20	$\mathcal{O}(0; \{20^3, 5^7, 4^3, 2\})$	6710912
20	$\mathcal{O}(0; \{20^3, 10, 5^4, 4, 2^7\})$	104864
20	$\mathcal{O}(0; \{20^3, 10, 5^4, 4^3, 2^4\})$	419456
20	$\mathcal{O}(0; \{20^3, 10, 5^4, 4^5, 2\})$	1677824

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20^3, 10^2, 5, 4, 2^{10}\})$	6560
20	$\mathcal{O}(0; \{20^3, 10^2, 5, 4^3, 2^7\})$	26240
20	$\mathcal{O}(0; \{20^3, 10^2, 5, 4^5, 2^4\})$	104960
20	$\mathcal{O}(0; \{20^3, 10^2, 5, 4^7, 2\})$	419840
20	$\mathcal{O}(0; \{20^3, 10^2, 5^6, 4, 2^2\})$	6710880
20	$\mathcal{O}(0; \{20^3, 10^3, 5^3, 4, 2^5\})$	419424
20	$\mathcal{O}(0; \{20^3, 10^3, 5^3, 4^3, 2^2\})$	1677696
20	$\mathcal{O}(0; \{20^3, 10^4, 4, 2^8\})$	26208
20	$\mathcal{O}(0; \{20^3, 10^4, 4^3, 2^5\})$	104832
20	$\mathcal{O}(0; \{20^3, 10^4, 4^5, 2^2\})$	419328
20	$\mathcal{O}(0; \{20^3, 10^4, 5^5, 4\})$	26843552
20	$\mathcal{O}(0; \{20^3, 10^5, 5^2, 4, 2^3\})$	1677728
20	$\mathcal{O}(0; \{20^3, 10^5, 5^2, 4^3\})$	6710912
20	$\mathcal{O}(0; \{20^3, 10^7, 5, 4, 2\})$	6710880
20	$\mathcal{O}(0; \{20^4, 5^3, 2^{10}\})$	26208
20	$\mathcal{O}(0; \{20^4, 5^3, 4^2, 2^7\})$	104832
20	$\mathcal{O}(0; \{20^4, 5^3, 4^4, 2^4\})$	419328
20	$\mathcal{O}(0; \{20^4, 5^3, 4^6, 2\})$	1677312
20	$\mathcal{O}(0; \{20^4, 5^8, 2^2\})$	26843552
20	$\mathcal{O}(0; \{20^4, 10, 2^{13}\})$	1632
20	$\mathcal{O}(0; \{20^4, 10, 4^2, 2^{10}\})$	6528
20	$\mathcal{O}(0; \{20^4, 10, 4^4, 2^7\})$	26112
20	$\mathcal{O}(0; \{20^4, 10, 4^6, 2^4\})$	104448
20	$\mathcal{O}(0; \{20^4, 10, 4^8, 2\})$	417792
20	$\mathcal{O}(0; \{20^4, 10, 5^5, 2^5\})$	1677728
20	$\mathcal{O}(0; \{20^4, 10, 5^5, 4^2, 2^2\})$	6710912
20	$\mathcal{O}(0; \{20^4, 10^2, 5^2, 2^8\})$	104864
20	$\mathcal{O}(0; \{20^4, 10^2, 5^2, 4^2, 2^5\})$	419456
20	$\mathcal{O}(0; \{20^4, 10^2, 5^2, 4^4, 2^2\})$	1677824
20	$\mathcal{O}(0; \{20^4, 10^2, 5^7\})$	107374176
20	$\mathcal{O}(0; \{20^4, 10^3, 5^4, 2^3\})$	6710880
20	$\mathcal{O}(0; \{20^4, 10^3, 5^4, 4^2\})$	26843520
20	$\mathcal{O}(0; \{20^4, 10^4, 5, 2^6\})$	419424
20	$\mathcal{O}(0; \{20^4, 10^4, 5, 4^2, 2^3\})$	1677696
20	$\mathcal{O}(0; \{20^4, 10^4, 5, 4^4\})$	6710784
20	$\mathcal{O}(0; \{20^4, 10^5, 5^3, 2\})$	26843552
20	$\mathcal{O}(0; \{20^4, 10^6, 2^4\})$	1677728
20	$\mathcal{O}(0; \{20^4, 10^6, 4^2, 2\})$	6710912
20	$\mathcal{O}(0; \{20^5, 5^4, 4, 2^5\})$	1677696
20	$\mathcal{O}(0; \{20^5, 5^4, 4^3, 2^2\})$	6710784
20	$\mathcal{O}(0; \{20^5, 10, 5, 4, 2^8\})$	104832
20	$\mathcal{O}(0; \{20^5, 10, 5, 4^3, 2^5\})$	419328
20	$\mathcal{O}(0; \{20^5, 10, 5, 4^5, 2^2\})$	1677312

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20^5, 10, 5^6, 4\})$	107374208
20	$\mathcal{O}(0; \{20^5, 10^2, 5^3, 4, 2^3\})$	6710912
20	$\mathcal{O}(0; \{20^5, 10^2, 5^3, 4^3\})$	26843648
20	$\mathcal{O}(0; \{20^5, 10^3, 4, 2^6\})$	419456
20	$\mathcal{O}(0; \{20^5, 10^3, 4^3, 2^3\})$	1677824
20	$\mathcal{O}(0; \{20^5, 10^3, 4^5\})$	6711296
20	$\mathcal{O}(0; \{20^5, 10^4, 5^2, 4, 2\})$	26843520
20	$\mathcal{O}(0; \{20^6, 2^{11}\})$	26240
20	$\mathcal{O}(0; \{20^6, 4^2, 2^8\})$	104960
20	$\mathcal{O}(0; \{20^6, 4^4, 2^5\})$	419840
20	$\mathcal{O}(0; \{20^6, 4^6, 2^2\})$	1679360
20	$\mathcal{O}(0; \{20^6, 5^5, 2^3\})$	26843520
20	$\mathcal{O}(0; \{20^6, 5^5, 4^2\})$	107374080
20	$\mathcal{O}(0; \{20^6, 10, 5^2, 2^6\})$	1677696
20	$\mathcal{O}(0; \{20^6, 10, 5^2, 4^2, 2^3\})$	6710784
20	$\mathcal{O}(0; \{20^6, 10, 5^2, 4^4\})$	26843136
20	$\mathcal{O}(0; \{20^6, 10^2, 5^4, 2\})$	107374208
20	$\mathcal{O}(0; \{20^6, 10^3, 5, 2^4\})$	6710912
20	$\mathcal{O}(0; \{20^6, 10^3, 5, 4^2, 2\})$	26843648
20	$\mathcal{O}(0; \{20^6, 10^5, 2^2\})$	26843520
20	$\mathcal{O}(0; \{20^7, 5, 4, 2^6\})$	1677824
20	$\mathcal{O}(0; \{20^7, 5, 4^3, 2^3\})$	6711296
20	$\mathcal{O}(0; \{20^7, 5, 4^5\})$	26845184
20	$\mathcal{O}(0; \{20^7, 10, 5^3, 4, 2\})$	107374080
20	$\mathcal{O}(0; \{20^7, 10^2, 4, 2^4\})$	6710784
20	$\mathcal{O}(0; \{20^7, 10^2, 4^3, 2\})$	26843136
20	$\mathcal{O}(0; \{20^8, 5^2, 2^4\})$	26843648
20	$\mathcal{O}(0; \{20^8, 5^2, 4^2, 2\})$	107374592
20	$\mathcal{O}(0; \{20^8, 10^2, 5, 2^2\})$	107374080
20	$\mathcal{O}(0; \{20^8, 10^4\})$	429496832
20	$\mathcal{O}(0; \{20^9, 10, 4, 2^2\})$	107374592
20	$\mathcal{O}(0; \{20^{10}, 10, 5\})$	1717987328
20	$\mathcal{O}(0; \{20^{11}, 4\})$	1717985280
21	$\mathcal{O}(4; \{21^2, 7\})$	2269371561660
21	$\mathcal{O}(3; \{7^4, 3^2\})$	31904997012
21	$\mathcal{O}(3; \{21^2, 7, 3^3\})$	25729836300
21	$\mathcal{O}(3; \{21^5\})$	952003943100
21	$\mathcal{O}(2; \{7^4, 3^5\})$	361734660
21	$\mathcal{O}(2; \{21, 7^6, 3\})$	15554590380
21	$\mathcal{O}(2; \{21^2, 7, 3^6\})$	501760980
21	$\mathcal{O}(2; \{21^3, 7^3, 3^2\})$	12964103460
21	$\mathcal{O}(2; \{21^5, 3^3\})$	18565156260
21	$\mathcal{O}(1; \{7^4, 3^8\})$	7054236

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
21	$\mathcal{O}(1; \{21, 7^6, 3^4\})$	176355900
21	$\mathcal{O}(1; \{21^2, 7, 3^9\})$	9022860
21	$\mathcal{O}(1; \{21^2, 7^8\})$	7618738932
21	$\mathcal{O}(1; \{21^3, 7^3, 3^5\})$	252814716
21	$\mathcal{O}(1; \{21^4, 7^5, 3\})$	6348944700
21	$\mathcal{O}(1; \{21^5, 3^6\})$	333845820
21	$\mathcal{O}(1; \{21^6, 7^2, 3^2\})$	9100191996
21	$\mathcal{O}(0; \{7^4, 3^{11}\})$	126852
21	$\mathcal{O}(0; \{7^{11}, 3^2\})$	103656300
21	$\mathcal{O}(0; \{21, 7^6, 3^7\})$	3439140
21	$\mathcal{O}(0; \{21^2, 7, 3^{12}\})$	163860
21	$\mathcal{O}(0; \{21^2, 7^8, 3^3\})$	86380260
21	$\mathcal{O}(0; \{21^3, 7^3, 3^8\})$	4546212
21	$\mathcal{O}(0; \{21^4, 7^5, 3^4\})$	123811620
21	$\mathcal{O}(0; \{21^5, 3^9\})$	6062820
21	$\mathcal{O}(0; \{21^5, 7^7\})$	3109689060
21	$\mathcal{O}(0; \{21^6, 7^2, 3^5\})$	163643172
21	$\mathcal{O}(0; \{21^7, 7^4, 3\})$	4457220900
21	$\mathcal{O}(0; \{21^9, 7, 3^2\})$	5891133732
22	$\mathcal{O}(4; \{22, 11, 2\})$	548758735360
22	$\mathcal{O}(3; \{22, 11, 2^5\})$	1133799040
22	$\mathcal{O}(3; \{22^3, 2^3\})$	10204191360
22	$\mathcal{O}(2; \{11^7\})$	199649800350
22	$\mathcal{O}(2; \{22, 11, 2^9\})$	2342560
22	$\mathcal{O}(2; \{22^3, 2^7\})$	21083040
22	$\mathcal{O}(1; \{11^7, 2^4\})$	439999560
22	$\mathcal{O}(1; \{22, 11, 2^{13}\})$	4840
22	$\mathcal{O}(1; \{22^2, 11^6, 2^2\})$	4400000440
22	$\mathcal{O}(1; \{22^3, 2^{11}\})$	43560
22	$\mathcal{O}(1; \{22^4, 11^5\})$	43999999560
22	$\mathcal{O}(0; \{11^7, 2^8\})$	909090
22	$\mathcal{O}(0; \{22, 11, 2^{17}\})$	10
22	$\mathcal{O}(0; \{22^2, 11^6, 2^6\})$	9090910
22	$\mathcal{O}(0; \{22^3, 2^{15}\})$	90
22	$\mathcal{O}(0; \{22^4, 11^5, 2^4\})$	90909090
22	$\mathcal{O}(0; \{22^6, 11^4, 2^2\})$	909090910
22	$\mathcal{O}(0; \{22^8, 11^3\})$	9090909090
23	$\mathcal{O}(5; \emptyset)$	41426511213648
24	$\mathcal{O}(4; \{6^2\})$	219290664960
24	$\mathcal{O}(3; \{3^4, 2^2\})$	1128701952
24	$\mathcal{O}(3; \{6, 3^2, 2^3\})$	376233984
24	$\mathcal{O}(3; \{6, 4^2, 3^2\})$	752467968
24	$\mathcal{O}(3; \{6^2, 2^4\})$	376233984

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(3; \{6^2, 3^3\})$	1881169920
24	$\mathcal{O}(3; \{6^2, 4^2, 2\})$	752467968
24	$\mathcal{O}(3; \{6^3, 3, 2\})$	1128701952
24	$\mathcal{O}(3; \{12, 4, 3^3\})$	2257403904
24	$\mathcal{O}(3; \{12, 6, 4, 3, 2\})$	752467968
24	$\mathcal{O}(3; \{12^2, 3^2, 2\})$	2257403904
24	$\mathcal{O}(3; \{12^2, 6, 2^2\})$	752467968
24	$\mathcal{O}(3; \{12^4\})$	9029615616
24	$\mathcal{O}(3; \{24, 8, 3^2, 2\})$	1528823808
24	$\mathcal{O}(3; \{24, 8, 6, 2^2\})$	1528823808
24	$\mathcal{O}(3; \{24, 12^2, 8\})$	6115295232
24	$\mathcal{O}(3; \{24^2, 4, 2^2\})$	3057647616
24	$\mathcal{O}(3; \{24^2, 8^2\})$	24461180928
24	$\mathcal{O}(3; \{24^2, 12, 6\})$	9172942848
24	$\mathcal{O}(2; \{3^4, 2^6\})$	1866240
24	$\mathcal{O}(2; \{3^7, 2^2\})$	13063680
24	$\mathcal{O}(2; \{4^2, 3^4, 2^3\})$	3732480
24	$\mathcal{O}(2; \{4^4, 3^4\})$	14929920
24	$\mathcal{O}(2; \{6, 3^2, 2^7\})$	622080
24	$\mathcal{O}(2; \{6, 3^5, 2^3\})$	6842880
24	$\mathcal{O}(2; \{6, 4^2, 3^2, 2^4\})$	1244160
24	$\mathcal{O}(2; \{6, 4^2, 3^5\})$	13685760
24	$\mathcal{O}(2; \{6, 4^4, 3^2, 2\})$	4976640
24	$\mathcal{O}(2; \{6^2, 2^8\})$	622080
24	$\mathcal{O}(2; \{6^2, 3^3, 2^4\})$	3110400
24	$\mathcal{O}(2; \{6^2, 3^6\})$	26749440
24	$\mathcal{O}(2; \{6^2, 4^2, 2^5\})$	1244160
24	$\mathcal{O}(2; \{6^2, 4^2, 3^3, 2\})$	6220800
24	$\mathcal{O}(2; \{6^2, 4^4, 2^2\})$	4976640
24	$\mathcal{O}(2; \{6^3, 3, 2^5\})$	1866240
24	$\mathcal{O}(2; \{6^3, 3^4, 2\})$	13063680
24	$\mathcal{O}(2; \{6^3, 4^2, 3, 2^2\})$	3732480
24	$\mathcal{O}(2; \{6^4, 3^2, 2^2\})$	6842880
24	$\mathcal{O}(2; \{6^5, 2^3\})$	3110400
24	$\mathcal{O}(2; \{6^5, 4^2\})$	6220800
24	$\mathcal{O}(2; \{6^6, 3\})$	13063680
24	$\mathcal{O}(2; \{8^2, 4, 3^4, 2\})$	15925248
24	$\mathcal{O}(2; \{8^2, 6, 4, 3^2, 2^2\})$	5308416
24	$\mathcal{O}(2; \{8^2, 6^2, 4, 2^3\})$	5308416
24	$\mathcal{O}(2; \{8^2, 6^2, 4^3\})$	21233664
24	$\mathcal{O}(2; \{8^2, 6^3, 4, 3\})$	15925248
24	$\mathcal{O}(2; \{8^4, 6, 3^2\})$	42467328
24	$\mathcal{O}(2; \{8^4, 6^2, 2\})$	42467328

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(2; \{12, 4, 3^3, 2^4\})$	3732480
24	$\mathcal{O}(2; \{12, 4, 3^6\})$	26127360
24	$\mathcal{O}(2; \{12, 4^3, 3^3, 2\})$	14929920
24	$\mathcal{O}(2; \{12, 6, 4, 3, 2^5\})$	1244160
24	$\mathcal{O}(2; \{12, 6, 4, 3^4, 2\})$	13685760
24	$\mathcal{O}(2; \{12, 6, 4^3, 3, 2^2\})$	4976640
24	$\mathcal{O}(2; \{12, 6^2, 4, 3^2, 2^2\})$	6220800
24	$\mathcal{O}(2; \{12, 6^3, 4, 2^3\})$	3732480
24	$\mathcal{O}(2; \{12, 6^3, 4^3\})$	14929920
24	$\mathcal{O}(2; \{12, 6^4, 4, 3\})$	13685760
24	$\mathcal{O}(2; \{12, 8^2, 3^3, 2^2\})$	15925248
24	$\mathcal{O}(2; \{12, 8^2, 6, 3, 2^3\})$	5308416
24	$\mathcal{O}(2; \{12, 8^2, 6, 4^2, 3\})$	21233664
24	$\mathcal{O}(2; \{12, 8^2, 6^2, 3^2\})$	26542080
24	$\mathcal{O}(2; \{12, 8^2, 6^3, 2\})$	15925248
24	$\mathcal{O}(2; \{12^2, 3^2, 2^5\})$	3732480
24	$\mathcal{O}(2; \{12^2, 3^5, 2\})$	26127360
24	$\mathcal{O}(2; \{12^2, 4^2, 3^2, 2^2\})$	14929920
24	$\mathcal{O}(2; \{12^2, 6, 2^6\})$	1244160
24	$\mathcal{O}(2; \{12^2, 6, 3^3, 2^2\})$	13685760
24	$\mathcal{O}(2; \{12^2, 6, 4^2, 2^3\})$	4976640
24	$\mathcal{O}(2; \{12^2, 6, 4^4\})$	19906560
24	$\mathcal{O}(2; \{12^2, 6^2, 3, 2^3\})$	6220800
24	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3\})$	24883200
24	$\mathcal{O}(2; \{12^2, 6^3, 3^2\})$	26127360
24	$\mathcal{O}(2; \{12^2, 6^4, 2\})$	13685760
24	$\mathcal{O}(2; \{12^2, 8^2, 4, 3^2\})$	63700992
24	$\mathcal{O}(2; \{12^2, 8^2, 6, 4, 2\})$	21233664
24	$\mathcal{O}(2; \{12^3, 4, 3, 2^3\})$	14929920
24	$\mathcal{O}(2; \{12^3, 4^3, 3\})$	59719680
24	$\mathcal{O}(2; \{12^3, 6, 4, 3^2\})$	54743040
24	$\mathcal{O}(2; \{12^3, 6^2, 4, 2\})$	24883200
24	$\mathcal{O}(2; \{12^3, 8^2, 3, 2\})$	63700992
24	$\mathcal{O}(2; \{12^4, 2^4\})$	14929920
24	$\mathcal{O}(2; \{12^4, 3^3\})$	104509440
24	$\mathcal{O}(2; \{12^4, 4^2, 2\})$	59719680
24	$\mathcal{O}(2; \{12^4, 6, 3, 2\})$	54743040
24	$\mathcal{O}(2; \{24, 8, 3^2, 2^5\})$	2654208
24	$\mathcal{O}(2; \{24, 8, 3^5, 2\})$	29196288
24	$\mathcal{O}(2; \{24, 8, 4^2, 3^2, 2^2\})$	10616832
24	$\mathcal{O}(2; \{24, 8, 6, 2^6\})$	2654208
24	$\mathcal{O}(2; \{24, 8, 6, 3^3, 2^2\})$	13271040
24	$\mathcal{O}(2; \{24, 8, 6, 4^2, 2^3\})$	10616832

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(2; \{24, 8, 6, 4^4\})$	42467328
24	$\mathcal{O}(2; \{24, 8, 6^2, 3, 2^3\})$	7962624
24	$\mathcal{O}(2; \{24, 8, 6^2, 4^2, 3\})$	31850496
24	$\mathcal{O}(2; \{24, 8, 6^3, 3^2\})$	29196288
24	$\mathcal{O}(2; \{24, 8, 6^4, 2\})$	13271040
24	$\mathcal{O}(2; \{24, 8^3, 4, 3^2\})$	84934656
24	$\mathcal{O}(2; \{24, 8^3, 6, 4, 2\})$	84934656
24	$\mathcal{O}(2; \{24, 12, 8, 4, 3, 2^3\})$	10616832
24	$\mathcal{O}(2; \{24, 12, 8, 4^3, 3\})$	42467328
24	$\mathcal{O}(2; \{24, 12, 8, 6, 4, 3^2\})$	53084160
24	$\mathcal{O}(2; \{24, 12, 8, 6^2, 4, 2\})$	31850496
24	$\mathcal{O}(2; \{24, 12, 8^3, 3, 2\})$	84934656
24	$\mathcal{O}(2; \{24, 12^2, 8, 2^4\})$	10616832
24	$\mathcal{O}(2; \{24, 12^2, 8, 3^3\})$	116785152
24	$\mathcal{O}(2; \{24, 12^2, 8, 4^2, 2\})$	42467328
24	$\mathcal{O}(2; \{24, 12^2, 8, 6, 3, 2\})$	53084160
24	$\mathcal{O}(2; \{24^2, 4, 2^6\})$	5308416
24	$\mathcal{O}(2; \{24^2, 4, 3^3, 2^2\})$	26542080
24	$\mathcal{O}(2; \{24^2, 4^3, 2^3\})$	21233664
24	$\mathcal{O}(2; \{24^2, 4^5\})$	84934656
24	$\mathcal{O}(2; \{24^2, 6, 4, 3, 2^3\})$	15925248
24	$\mathcal{O}(2; \{24^2, 6, 4^3, 3\})$	63700992
24	$\mathcal{O}(2; \{24^2, 6^2, 4, 3^2\})$	58392576
24	$\mathcal{O}(2; \{24^2, 6^3, 4, 2\})$	26542080
24	$\mathcal{O}(2; \{24^2, 8^2, 2^4\})$	42467328
24	$\mathcal{O}(2; \{24^2, 8^2, 3^3\})$	212336640
24	$\mathcal{O}(2; \{24^2, 8^2, 4^2, 2\})$	169869312
24	$\mathcal{O}(2; \{24^2, 8^2, 6, 3, 2\})$	127401984
24	$\mathcal{O}(2; \{24^2, 12, 3^2, 2^3\})$	26542080
24	$\mathcal{O}(2; \{24^2, 12, 4^2, 3^2\})$	106168320
24	$\mathcal{O}(2; \{24^2, 12, 6, 2^4\})$	15925248
24	$\mathcal{O}(2; \{24^2, 12, 6, 3^3\})$	111476736
24	$\mathcal{O}(2; \{24^2, 12, 6, 4^2, 2\})$	63700992
24	$\mathcal{O}(2; \{24^2, 12, 6^2, 3, 2\})$	58392576
24	$\mathcal{O}(2; \{24^2, 12^2, 4, 3, 2\})$	106168320
24	$\mathcal{O}(2; \{24^2, 12^3, 2^2\})$	106168320
24	$\mathcal{O}(2; \{24^3, 8, 4, 3, 2\})$	254803968
24	$\mathcal{O}(2; \{24^3, 12, 8, 2^2\})$	254803968
24	$\mathcal{O}(2; \{24^4, 3^2, 2\})$	467140608
24	$\mathcal{O}(2; \{24^4, 6, 2^2\})$	212336640
24	$\mathcal{O}(2; \{24^4, 12^2\})$	1868562432
24	$\mathcal{O}(2; \{24^5, 8\})$	3397386240
24	$\mathcal{O}(1; \{3^4, 2^{10}\})$	2592

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{3^7, 2^6\})$	18144
24	$\mathcal{O}(1; \{3^{10}, 2^2\})$	147744
24	$\mathcal{O}(1; \{4^2, 3^4, 2^7\})$	5184
24	$\mathcal{O}(1; \{4^2, 3^7, 2^3\})$	36288
24	$\mathcal{O}(1; \{4^4, 3^4, 2^4\})$	20736
24	$\mathcal{O}(1; \{4^4, 3^7\})$	145152
24	$\mathcal{O}(1; \{4^6, 3^4, 2\})$	82944
24	$\mathcal{O}(1; \{6, 3^2, 2^{11}\})$	864
24	$\mathcal{O}(1; \{6, 3^5, 2^7\})$	9504
24	$\mathcal{O}(1; \{6, 3^8, 2^3\})$	73440
24	$\mathcal{O}(1; \{6, 4^2, 3^2, 2^8\})$	1728
24	$\mathcal{O}(1; \{6, 4^2, 3^5, 2^4\})$	19008
24	$\mathcal{O}(1; \{6, 4^2, 3^8\})$	146880
24	$\mathcal{O}(1; \{6, 4^4, 3^2, 2^5\})$	6912
24	$\mathcal{O}(1; \{6, 4^4, 3^5, 2\})$	76032
24	$\mathcal{O}(1; \{6, 4^6, 3^2, 2^2\})$	27648
24	$\mathcal{O}(1; \{6^2, 2^{12}\})$	864
24	$\mathcal{O}(1; \{6^2, 3^3, 2^8\})$	4320
24	$\mathcal{O}(1; \{6^2, 3^6, 2^4\})$	37152
24	$\mathcal{O}(1; \{6^2, 3^9\})$	294624
24	$\mathcal{O}(1; \{6^2, 4^2, 2^9\})$	1728
24	$\mathcal{O}(1; \{6^2, 4^2, 3^3, 2^5\})$	8640
24	$\mathcal{O}(1; \{6^2, 4^2, 3^6, 2\})$	74304
24	$\mathcal{O}(1; \{6^2, 4^4, 2^6\})$	6912
24	$\mathcal{O}(1; \{6^2, 4^4, 3^3, 2^2\})$	34560
24	$\mathcal{O}(1; \{6^2, 4^6, 2^3\})$	27648
24	$\mathcal{O}(1; \{6^2, 4^8\})$	110592
24	$\mathcal{O}(1; \{6^3, 3, 2^9\})$	2592
24	$\mathcal{O}(1; \{6^3, 3^4, 2^5\})$	18144
24	$\mathcal{O}(1; \{6^3, 3^7, 2\})$	147744
24	$\mathcal{O}(1; \{6^3, 4^2, 3, 2^6\})$	5184
24	$\mathcal{O}(1; \{6^3, 4^2, 3^4, 2^2\})$	36288
24	$\mathcal{O}(1; \{6^3, 4^4, 3, 2^3\})$	20736
24	$\mathcal{O}(1; \{6^3, 4^6, 3\})$	82944
24	$\mathcal{O}(1; \{6^4, 3^2, 2^6\})$	9504
24	$\mathcal{O}(1; \{6^4, 3^5, 2^2\})$	73440
24	$\mathcal{O}(1; \{6^4, 4^2, 3^2, 2^3\})$	19008
24	$\mathcal{O}(1; \{6^4, 4^4, 3^2\})$	76032
24	$\mathcal{O}(1; \{6^5, 2^7\})$	4320
24	$\mathcal{O}(1; \{6^5, 3^3, 2^3\})$	37152
24	$\mathcal{O}(1; \{6^5, 4^2, 2^4\})$	8640
24	$\mathcal{O}(1; \{6^5, 4^2, 3^3\})$	74304
24	$\mathcal{O}(1; \{6^5, 4^4, 2\})$	34560

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{6^6, 3, 2^4\})$	18144
24	$\mathcal{O}(1; \{6^6, 3^4\})$	147744
24	$\mathcal{O}(1; \{6^6, 4^2, 3, 2\})$	36288
24	$\mathcal{O}(1; \{6^7, 3^2, 2\})$	73440
24	$\mathcal{O}(1; \{6^8, 2^2\})$	37152
24	$\mathcal{O}(1; \{8^2, 4, 3^4, 2^5\})$	27648
24	$\mathcal{O}(1; \{8^2, 4, 3^7, 2\})$	193536
24	$\mathcal{O}(1; \{8^2, 4^3, 3^4, 2^2\})$	110592
24	$\mathcal{O}(1; \{8^2, 6, 4, 3^2, 2^6\})$	9216
24	$\mathcal{O}(1; \{8^2, 6, 4, 3^5, 2^2\})$	101376
24	$\mathcal{O}(1; \{8^2, 6, 4^3, 3^2, 2^3\})$	36864
24	$\mathcal{O}(1; \{8^2, 6, 4^5, 3^2\})$	147456
24	$\mathcal{O}(1; \{8^2, 6^2, 4, 2^7\})$	9216
24	$\mathcal{O}(1; \{8^2, 6^2, 4, 3^3, 2^3\})$	46080
24	$\mathcal{O}(1; \{8^2, 6^2, 4^3, 2^4\})$	36864
24	$\mathcal{O}(1; \{8^2, 6^2, 4^3, 3^3\})$	184320
24	$\mathcal{O}(1; \{8^2, 6^2, 4^5, 2\})$	147456
24	$\mathcal{O}(1; \{8^2, 6^3, 4, 3, 2^4\})$	27648
24	$\mathcal{O}(1; \{8^2, 6^3, 4, 3^4\})$	193536
24	$\mathcal{O}(1; \{8^2, 6^3, 4^3, 3, 2\})$	110592
24	$\mathcal{O}(1; \{8^2, 6^4, 4, 3^2, 2\})$	101376
24	$\mathcal{O}(1; \{8^2, 6^5, 4, 2^2\})$	46080
24	$\mathcal{O}(1; \{8^4, 3^4, 2^3\})$	221184
24	$\mathcal{O}(1; \{8^4, 4^2, 3^4\})$	884736
24	$\mathcal{O}(1; \{8^4, 6, 3^2, 2^4\})$	73728
24	$\mathcal{O}(1; \{8^4, 6, 3^5\})$	811008
24	$\mathcal{O}(1; \{8^4, 6, 4^2, 3^2, 2\})$	294912
24	$\mathcal{O}(1; \{8^4, 6^2, 2^5\})$	73728
24	$\mathcal{O}(1; \{8^4, 6^2, 3^3, 2\})$	368640
24	$\mathcal{O}(1; \{8^4, 6^2, 4^2, 2^2\})$	294912
24	$\mathcal{O}(1; \{8^4, 6^3, 3, 2^2\})$	221184
24	$\mathcal{O}(1; \{8^4, 6^5\})$	368640
24	$\mathcal{O}(1; \{8^6, 6^2, 4\})$	2359296
24	$\mathcal{O}(1; \{12, 4, 3^3, 2^8\})$	5184
24	$\mathcal{O}(1; \{12, 4, 3^6, 2^4\})$	36288
24	$\mathcal{O}(1; \{12, 4, 3^9\})$	295488
24	$\mathcal{O}(1; \{12, 4^3, 3^3, 2^5\})$	20736
24	$\mathcal{O}(1; \{12, 4^3, 3^6, 2\})$	145152
24	$\mathcal{O}(1; \{12, 4^5, 3^3, 2^2\})$	82944
24	$\mathcal{O}(1; \{12, 6, 4, 3, 2^9\})$	1728
24	$\mathcal{O}(1; \{12, 6, 4, 3^4, 2^5\})$	19008
24	$\mathcal{O}(1; \{12, 6, 4, 3^7, 2\})$	146880
24	$\mathcal{O}(1; \{12, 6, 4^3, 3, 2^6\})$	6912

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{12, 6, 4^3, 3^4, 2^2\})$	76032
24	$\mathcal{O}(1; \{12, 6, 4^5, 3, 2^3\})$	27648
24	$\mathcal{O}(1; \{12, 6, 4^7, 3\})$	110592
24	$\mathcal{O}(1; \{12, 6^2, 4, 3^2, 2^6\})$	8640
24	$\mathcal{O}(1; \{12, 6^2, 4, 3^5, 2^2\})$	74304
24	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^2, 2^3\})$	34560
24	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^2\})$	138240
24	$\mathcal{O}(1; \{12, 6^3, 4, 2^7\})$	5184
24	$\mathcal{O}(1; \{12, 6^3, 4, 3^3, 2^3\})$	36288
24	$\mathcal{O}(1; \{12, 6^3, 4^3, 2^4\})$	20736
24	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^3\})$	145152
24	$\mathcal{O}(1; \{12, 6^3, 4^5, 2\})$	82944
24	$\mathcal{O}(1; \{12, 6^4, 4, 3, 2^4\})$	19008
24	$\mathcal{O}(1; \{12, 6^4, 4, 3^4\})$	146880
24	$\mathcal{O}(1; \{12, 6^4, 4^3, 3, 2\})$	76032
24	$\mathcal{O}(1; \{12, 6^5, 4, 3^2, 2\})$	74304
24	$\mathcal{O}(1; \{12, 6^6, 4, 2^2\})$	36288
24	$\mathcal{O}(1; \{12, 8^2, 3^3, 2^6\})$	27648
24	$\mathcal{O}(1; \{12, 8^2, 3^6, 2^2\})$	193536
24	$\mathcal{O}(1; \{12, 8^2, 4^2, 3^3, 2^3\})$	110592
24	$\mathcal{O}(1; \{12, 8^2, 4^4, 3^3\})$	442368
24	$\mathcal{O}(1; \{12, 8^2, 6, 3, 2^7\})$	9216
24	$\mathcal{O}(1; \{12, 8^2, 6, 3^4, 2^3\})$	101376
24	$\mathcal{O}(1; \{12, 8^2, 6, 4^2, 3, 2^4\})$	36864
24	$\mathcal{O}(1; \{12, 8^2, 6, 4^2, 3^4\})$	405504
24	$\mathcal{O}(1; \{12, 8^2, 6, 4^4, 3, 2\})$	147456
24	$\mathcal{O}(1; \{12, 8^2, 6^2, 3^2, 2^4\})$	46080
24	$\mathcal{O}(1; \{12, 8^2, 6^2, 3^5\})$	396288
24	$\mathcal{O}(1; \{12, 8^2, 6^2, 4^2, 3^2, 2\})$	184320
24	$\mathcal{O}(1; \{12, 8^2, 6^3, 2^5\})$	27648
24	$\mathcal{O}(1; \{12, 8^2, 6^3, 3^3, 2\})$	193536
24	$\mathcal{O}(1; \{12, 8^2, 6^3, 4^2, 2^2\})$	110592
24	$\mathcal{O}(1; \{12, 8^2, 6^4, 3, 2^2\})$	101376
24	$\mathcal{O}(1; \{12, 8^2, 6^6\})$	193536
24	$\mathcal{O}(1; \{12, 8^4, 4, 3^3, 2\})$	884736
24	$\mathcal{O}(1; \{12, 8^4, 6, 4, 3, 2^2\})$	294912
24	$\mathcal{O}(1; \{12, 8^4, 6^3, 4\})$	884736
24	$\mathcal{O}(1; \{12, 8^6, 6, 3\})$	2359296
24	$\mathcal{O}(1; \{12^2, 3^2, 2^9\})$	5184
24	$\mathcal{O}(1; \{12^2, 3^5, 2^5\})$	36288
24	$\mathcal{O}(1; \{12^2, 3^8, 2\})$	295488
24	$\mathcal{O}(1; \{12^2, 4^2, 3^2, 2^6\})$	20736
24	$\mathcal{O}(1; \{12^2, 4^2, 3^5, 2^2\})$	145152

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{12^2, 4^4, 3^2, 2^3\})$	82944
24	$\mathcal{O}(1; \{12^2, 4^6, 3^2\})$	331776
24	$\mathcal{O}(1; \{12^2, 6, 2^{10}\})$	1728
24	$\mathcal{O}(1; \{12^2, 6, 3^3, 2^6\})$	19008
24	$\mathcal{O}(1; \{12^2, 6, 3^6, 2^2\})$	146880
24	$\mathcal{O}(1; \{12^2, 6, 4^2, 2^7\})$	6912
24	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^3, 2^3\})$	76032
24	$\mathcal{O}(1; \{12^2, 6, 4^4, 2^4\})$	27648
24	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^3\})$	304128
24	$\mathcal{O}(1; \{12^2, 6, 4^6, 2\})$	110592
24	$\mathcal{O}(1; \{12^2, 6^2, 3, 2^7\})$	8640
24	$\mathcal{O}(1; \{12^2, 6^2, 3^4, 2^3\})$	74304
24	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3, 2^4\})$	34560
24	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^4\})$	297216
24	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3, 2\})$	138240
24	$\mathcal{O}(1; \{12^2, 6^3, 3^2, 2^4\})$	36288
24	$\mathcal{O}(1; \{12^2, 6^3, 3^5\})$	295488
24	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^2, 2\})$	145152
24	$\mathcal{O}(1; \{12^2, 6^4, 2^5\})$	19008
24	$\mathcal{O}(1; \{12^2, 6^4, 3^3, 2\})$	146880
24	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 2^2\})$	76032
24	$\mathcal{O}(1; \{12^2, 6^5, 3, 2^2\})$	74304
24	$\mathcal{O}(1; \{12^2, 6^7\})$	146880
24	$\mathcal{O}(1; \{12^2, 8^2, 4, 3^2, 2^4\})$	110592
24	$\mathcal{O}(1; \{12^2, 8^2, 4, 3^5\})$	774144
24	$\mathcal{O}(1; \{12^2, 8^2, 4^3, 3^2, 2\})$	442368
24	$\mathcal{O}(1; \{12^2, 8^2, 6, 4, 2^3\})$	36864
24	$\mathcal{O}(1; \{12^2, 8^2, 6, 4, 3^3, 2\})$	405504
24	$\mathcal{O}(1; \{12^2, 8^2, 6, 4^3, 2^2\})$	147456
24	$\mathcal{O}(1; \{12^2, 8^2, 6^2, 4, 3, 2^2\})$	184320
24	$\mathcal{O}(1; \{12^2, 8^2, 6^4, 4\})$	405504
24	$\mathcal{O}(1; \{12^2, 8^4, 3^2, 2^2\})$	884736
24	$\mathcal{O}(1; \{12^2, 8^4, 6, 2^3\})$	294912
24	$\mathcal{O}(1; \{12^2, 8^4, 6, 4^2\})$	1179648
24	$\mathcal{O}(1; \{12^2, 8^4, 6^2, 3\})$	1474560
24	$\mathcal{O}(1; \{12^3, 4, 3, 2^7\})$	20736
24	$\mathcal{O}(1; \{12^3, 4, 3^4, 2^3\})$	145152
24	$\mathcal{O}(1; \{12^3, 4^3, 3, 2^4\})$	82944
24	$\mathcal{O}(1; \{12^3, 4^3, 3^4\})$	580608
24	$\mathcal{O}(1; \{12^3, 4^5, 3, 2\})$	331776
24	$\mathcal{O}(1; \{12^3, 6, 4, 3^2, 2^4\})$	76032
24	$\mathcal{O}(1; \{12^3, 6, 4, 3^5\})$	587520
24	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^2, 2\})$	304128

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{12^3, 6^2, 4, 2^5\})$	34560
24	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^3, 2\})$	297216
24	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 2^2\})$	138240
24	$\mathcal{O}(1; \{12^3, 6^3, 4, 3, 2^2\})$	145152
24	$\mathcal{O}(1; \{12^3, 6^5, 4\})$	297216
24	$\mathcal{O}(1; \{12^3, 8^2, 3, 2^5\})$	110592
24	$\mathcal{O}(1; \{12^3, 8^2, 3^4, 2\})$	774144
24	$\mathcal{O}(1; \{12^3, 8^2, 4^2, 3, 2^2\})$	442368
24	$\mathcal{O}(1; \{12^3, 8^2, 6, 3^2, 2^2\})$	405504
24	$\mathcal{O}(1; \{12^3, 8^2, 6^2, 2^3\})$	184320
24	$\mathcal{O}(1; \{12^3, 8^2, 6^2, 4^2\})$	737280
24	$\mathcal{O}(1; \{12^3, 8^2, 6^3, 3\})$	774144
24	$\mathcal{O}(1; \{12^3, 8^4, 4, 3\})$	3538944
24	$\mathcal{O}(1; \{12^4, 2^8\})$	20736
24	$\mathcal{O}(1; \{12^4, 3^3, 2^4\})$	145152
24	$\mathcal{O}(1; \{12^4, 3^6\})$	1181952
24	$\mathcal{O}(1; \{12^4, 4^2, 2^5\})$	82944
24	$\mathcal{O}(1; \{12^4, 4^2, 3^3, 2\})$	580608
24	$\mathcal{O}(1; \{12^4, 4^4, 2^2\})$	331776
24	$\mathcal{O}(1; \{12^4, 6, 3, 2^5\})$	76032
24	$\mathcal{O}(1; \{12^4, 6, 3^4, 2\})$	587520
24	$\mathcal{O}(1; \{12^4, 6, 4^2, 3, 2^2\})$	304128
24	$\mathcal{O}(1; \{12^4, 6^2, 3^2, 2^2\})$	297216
24	$\mathcal{O}(1; \{12^4, 6^3, 2^3\})$	145152
24	$\mathcal{O}(1; \{12^4, 6^3, 4^2\})$	580608
24	$\mathcal{O}(1; \{12^4, 6^4, 3\})$	587520
24	$\mathcal{O}(1; \{12^4, 8^2, 4, 2^3\})$	442368
24	$\mathcal{O}(1; \{12^4, 8^2, 4^3\})$	1769472
24	$\mathcal{O}(1; \{12^4, 8^2, 6, 4, 3\})$	1622016
24	$\mathcal{O}(1; \{12^4, 8^4, 2\})$	3538944
24	$\mathcal{O}(1; \{12^5, 4, 3^2, 2^2\})$	580608
24	$\mathcal{O}(1; \{12^5, 6, 4, 2^3\})$	304128
24	$\mathcal{O}(1; \{12^5, 6, 4^3\})$	1216512
24	$\mathcal{O}(1; \{12^5, 6^2, 4, 3\})$	1188864
24	$\mathcal{O}(1; \{12^5, 8^2, 3^2\})$	3096576
24	$\mathcal{O}(1; \{12^5, 8^2, 6, 2\})$	1622016
24	$\mathcal{O}(1; \{12^6, 3, 2^3\})$	580608
24	$\mathcal{O}(1; \{12^6, 4^2, 3\})$	2322432
24	$\mathcal{O}(1; \{12^6, 6, 3^2\})$	2350080
24	$\mathcal{O}(1; \{12^6, 6^2, 2\})$	1188864
24	$\mathcal{O}(1; \{12^7, 4, 2\})$	2322432
24	$\mathcal{O}(1; \{24, 8, 3^2, 2^9\})$	4608
24	$\mathcal{O}(1; \{24, 8, 3^5, 2^5\})$	50688

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24, 8, 3^8, 2\})$	391680
24	$\mathcal{O}(1; \{24, 8, 4^2, 3^2, 2^6\})$	18432
24	$\mathcal{O}(1; \{24, 8, 4^2, 3^5, 2^2\})$	202752
24	$\mathcal{O}(1; \{24, 8, 4^4, 3^2, 2^3\})$	73728
24	$\mathcal{O}(1; \{24, 8, 4^6, 3^2\})$	294912
24	$\mathcal{O}(1; \{24, 8, 6, 2^{10}\})$	4608
24	$\mathcal{O}(1; \{24, 8, 6, 3^3, 2^6\})$	23040
24	$\mathcal{O}(1; \{24, 8, 6, 3^6, 2^2\})$	198144
24	$\mathcal{O}(1; \{24, 8, 6, 4^2, 2^7\})$	18432
24	$\mathcal{O}(1; \{24, 8, 6, 4^2, 3^3, 2^3\})$	92160
24	$\mathcal{O}(1; \{24, 8, 6, 4^4, 2^4\})$	73728
24	$\mathcal{O}(1; \{24, 8, 6, 4^4, 3^3\})$	368640
24	$\mathcal{O}(1; \{24, 8, 6, 4^6, 2\})$	294912
24	$\mathcal{O}(1; \{24, 8, 6^2, 3, 2^7\})$	13824
24	$\mathcal{O}(1; \{24, 8, 6^2, 3^4, 2^3\})$	96768
24	$\mathcal{O}(1; \{24, 8, 6^2, 4^2, 3, 2^4\})$	55296
24	$\mathcal{O}(1; \{24, 8, 6^2, 4^2, 3^4\})$	387072
24	$\mathcal{O}(1; \{24, 8, 6^2, 4^4, 3, 2\})$	221184
24	$\mathcal{O}(1; \{24, 8, 6^3, 3^2, 2^4\})$	50688
24	$\mathcal{O}(1; \{24, 8, 6^3, 3^5\})$	391680
24	$\mathcal{O}(1; \{24, 8, 6^3, 4^2, 3^2, 2\})$	202752
24	$\mathcal{O}(1; \{24, 8, 6^4, 2^5\})$	23040
24	$\mathcal{O}(1; \{24, 8, 6^4, 3^3, 2\})$	198144
24	$\mathcal{O}(1; \{24, 8, 6^4, 4^2, 2^2\})$	92160
24	$\mathcal{O}(1; \{24, 8, 6^5, 3, 2^2\})$	96768
24	$\mathcal{O}(1; \{24, 8, 6^7\})$	198144
24	$\mathcal{O}(1; \{24, 8^3, 4, 3^2, 2^4\})$	147456
24	$\mathcal{O}(1; \{24, 8^3, 4, 3^5\})$	1622016
24	$\mathcal{O}(1; \{24, 8^3, 4^3, 3^2, 2\})$	589824
24	$\mathcal{O}(1; \{24, 8^3, 6, 4, 2^5\})$	147456
24	$\mathcal{O}(1; \{24, 8^3, 6, 4, 3^3, 2\})$	737280
24	$\mathcal{O}(1; \{24, 8^3, 6, 4^3, 2^2\})$	589824
24	$\mathcal{O}(1; \{24, 8^3, 6^2, 4, 3, 2^2\})$	442368
24	$\mathcal{O}(1; \{24, 8^3, 6^4, 4\})$	737280
24	$\mathcal{O}(1; \{24, 8^5, 3^2, 2^2\})$	1179648
24	$\mathcal{O}(1; \{24, 8^5, 6, 2^3\})$	1179648
24	$\mathcal{O}(1; \{24, 8^5, 6, 4^2\})$	4718592
24	$\mathcal{O}(1; \{24, 8^5, 6^2, 3\})$	3538944
24	$\mathcal{O}(1; \{24, 12, 8, 4, 3, 2^7\})$	18432
24	$\mathcal{O}(1; \{24, 12, 8, 4, 3^4, 2^3\})$	202752
24	$\mathcal{O}(1; \{24, 12, 8, 4^3, 3, 2^4\})$	73728
24	$\mathcal{O}(1; \{24, 12, 8, 4^3, 3^4\})$	811008
24	$\mathcal{O}(1; \{24, 12, 8, 4^5, 3, 2\})$	294912

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24, 12, 8, 6, 4, 3^2, 2^4\})$	92160
24	$\mathcal{O}(1; \{24, 12, 8, 6, 4, 3^5\})$	792576
24	$\mathcal{O}(1; \{24, 12, 8, 6, 4^3, 3^2, 2\})$	368640
24	$\mathcal{O}(1; \{24, 12, 8, 6^2, 4, 2^5\})$	55296
24	$\mathcal{O}(1; \{24, 12, 8, 6^2, 4, 3^3, 2\})$	387072
24	$\mathcal{O}(1; \{24, 12, 8, 6^2, 4^3, 2^2\})$	221184
24	$\mathcal{O}(1; \{24, 12, 8, 6^3, 4, 3, 2^2\})$	202752
24	$\mathcal{O}(1; \{24, 12, 8, 6^5, 4\})$	387072
24	$\mathcal{O}(1; \{24, 12, 8^3, 3, 2^5\})$	147456
24	$\mathcal{O}(1; \{24, 12, 8^3, 3^4, 2\})$	1622016
24	$\mathcal{O}(1; \{24, 12, 8^3, 4^2, 3, 2^2\})$	589824
24	$\mathcal{O}(1; \{24, 12, 8^3, 6, 3^2, 2^2\})$	737280
24	$\mathcal{O}(1; \{24, 12, 8^3, 6^2, 2^3\})$	442368
24	$\mathcal{O}(1; \{24, 12, 8^3, 6^2, 4^2\})$	1769472
24	$\mathcal{O}(1; \{24, 12, 8^3, 6^3, 3\})$	1622016
24	$\mathcal{O}(1; \{24, 12, 8^5, 4, 3\})$	4718592
24	$\mathcal{O}(1; \{24, 12^2, 8, 2^8\})$	18432
24	$\mathcal{O}(1; \{24, 12^2, 8, 3^3, 2^4\})$	202752
24	$\mathcal{O}(1; \{24, 12^2, 8, 3^6\})$	1566720
24	$\mathcal{O}(1; \{24, 12^2, 8, 4^2, 2^5\})$	73728
24	$\mathcal{O}(1; \{24, 12^2, 8, 4^2, 3^3, 2\})$	811008
24	$\mathcal{O}(1; \{24, 12^2, 8, 4^4, 2^2\})$	294912
24	$\mathcal{O}(1; \{24, 12^2, 8, 6, 3, 2^5\})$	92160
24	$\mathcal{O}(1; \{24, 12^2, 8, 6, 3^4, 2\})$	792576
24	$\mathcal{O}(1; \{24, 12^2, 8, 6, 4^2, 3, 2^2\})$	368640
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^2, 3^2, 2^2\})$	387072
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^3, 2^3\})$	202752
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^3, 4^2\})$	811008
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^4, 3\})$	792576
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 4, 2^3\})$	589824
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 4^3\})$	2359296
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 6, 4, 3\})$	2949120
24	$\mathcal{O}(1; \{24, 12^2, 8^5, 2\})$	4718592
24	$\mathcal{O}(1; \{24, 12^3, 8, 4, 3^2, 2^2\})$	811008
24	$\mathcal{O}(1; \{24, 12^3, 8, 6, 4, 2^3\})$	368640
24	$\mathcal{O}(1; \{24, 12^3, 8, 6, 4^3\})$	1474560
24	$\mathcal{O}(1; \{24, 12^3, 8, 6^2, 4, 3\})$	1548288
24	$\mathcal{O}(1; \{24, 12^3, 8^3, 3^2\})$	6488064
24	$\mathcal{O}(1; \{24, 12^3, 8^3, 6, 2\})$	2949120
24	$\mathcal{O}(1; \{24, 12^4, 8, 3, 2^3\})$	811008
24	$\mathcal{O}(1; \{24, 12^4, 8, 4^2, 3\})$	3244032
24	$\mathcal{O}(1; \{24, 12^4, 8, 6, 3^2\})$	3170304
24	$\mathcal{O}(1; \{24, 12^4, 8, 6^2, 2\})$	1548288

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24, 12^5, 8, 4, 2\})$	3244032
24	$\mathcal{O}(1; \{24^2, 4, 2^{10}\})$	9216
24	$\mathcal{O}(1; \{24^2, 4, 3^3, 2^6\})$	46080
24	$\mathcal{O}(1; \{24^2, 4, 3^6, 2^2\})$	396288
24	$\mathcal{O}(1; \{24^2, 4^3, 2^7\})$	36864
24	$\mathcal{O}(1; \{24^2, 4^3, 3^3, 2^3\})$	184320
24	$\mathcal{O}(1; \{24^2, 4^5, 2^4\})$	147456
24	$\mathcal{O}(1; \{24^2, 4^5, 3^3\})$	737280
24	$\mathcal{O}(1; \{24^2, 4^7, 2\})$	589824
24	$\mathcal{O}(1; \{24^2, 6, 4, 3, 2^7\})$	27648
24	$\mathcal{O}(1; \{24^2, 6, 4, 3^4, 2^3\})$	193536
24	$\mathcal{O}(1; \{24^2, 6, 4^3, 3, 2^4\})$	110592
24	$\mathcal{O}(1; \{24^2, 6, 4^3, 3^4\})$	774144
24	$\mathcal{O}(1; \{24^2, 6, 4^5, 3, 2\})$	442368
24	$\mathcal{O}(1; \{24^2, 6^2, 4, 3^2, 2^4\})$	101376
24	$\mathcal{O}(1; \{24^2, 6^2, 4, 3^5\})$	783360
24	$\mathcal{O}(1; \{24^2, 6^2, 4^3, 3^2, 2\})$	405504
24	$\mathcal{O}(1; \{24^2, 6^3, 4, 2^5\})$	46080
24	$\mathcal{O}(1; \{24^2, 6^3, 4, 3^3, 2\})$	396288
24	$\mathcal{O}(1; \{24^2, 6^3, 4^3, 2^2\})$	184320
24	$\mathcal{O}(1; \{24^2, 6^4, 4, 3, 2^2\})$	193536
24	$\mathcal{O}(1; \{24^2, 6^6, 4\})$	396288
24	$\mathcal{O}(1; \{24^2, 8^2, 2^8\})$	73728
24	$\mathcal{O}(1; \{24^2, 8^2, 3^3, 2^4\})$	368640
24	$\mathcal{O}(1; \{24^2, 8^2, 3^6\})$	3170304
24	$\mathcal{O}(1; \{24^2, 8^2, 4^2, 2^5\})$	294912
24	$\mathcal{O}(1; \{24^2, 8^2, 4^2, 3^3, 2\})$	1474560
24	$\mathcal{O}(1; \{24^2, 8^2, 4^4, 2^2\})$	1179648
24	$\mathcal{O}(1; \{24^2, 8^2, 6, 3, 2^5\})$	221184
24	$\mathcal{O}(1; \{24^2, 8^2, 6, 3^4, 2\})$	1548288
24	$\mathcal{O}(1; \{24^2, 8^2, 6, 4^2, 3, 2^2\})$	884736
24	$\mathcal{O}(1; \{24^2, 8^2, 6^2, 3^2, 2^2\})$	811008
24	$\mathcal{O}(1; \{24^2, 8^2, 6^3, 2^3\})$	368640
24	$\mathcal{O}(1; \{24^2, 8^2, 6^3, 4^2\})$	1474560
24	$\mathcal{O}(1; \{24^2, 8^2, 6^4, 3\})$	1548288
24	$\mathcal{O}(1; \{24^2, 8^4, 4, 2^3\})$	2359296
24	$\mathcal{O}(1; \{24^2, 8^4, 4^3\})$	9437184
24	$\mathcal{O}(1; \{24^2, 8^4, 6, 4, 3\})$	7077888
24	$\mathcal{O}(1; \{24^2, 8^6, 2\})$	18874368
24	$\mathcal{O}(1; \{24^2, 12, 3^2, 2^7\})$	46080
24	$\mathcal{O}(1; \{24^2, 12, 3^5, 2^3\})$	396288
24	$\mathcal{O}(1; \{24^2, 12, 4^2, 3^2, 2^4\})$	184320
24	$\mathcal{O}(1; \{24^2, 12, 4^2, 3^5\})$	1585152

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^2, 12, 4^4, 3^2, 2\})$	737280
24	$\mathcal{O}(1; \{24^2, 12, 6, 2^8\})$	27648
24	$\mathcal{O}(1; \{24^2, 12, 6, 3^3, 2^4\})$	193536
24	$\mathcal{O}(1; \{24^2, 12, 6, 3^6\})$	1575936
24	$\mathcal{O}(1; \{24^2, 12, 6, 4^2, 2^5\})$	110592
24	$\mathcal{O}(1; \{24^2, 12, 6, 4^2, 3^3, 2\})$	774144
24	$\mathcal{O}(1; \{24^2, 12, 6, 4^4, 2^2\})$	442368
24	$\mathcal{O}(1; \{24^2, 12, 6^2, 3, 2^5\})$	101376
24	$\mathcal{O}(1; \{24^2, 12, 6^2, 3^4, 2\})$	783360
24	$\mathcal{O}(1; \{24^2, 12, 6^2, 4^2, 3, 2^2\})$	405504
24	$\mathcal{O}(1; \{24^2, 12, 6^3, 3^2, 2^2\})$	396288
24	$\mathcal{O}(1; \{24^2, 12, 6^4, 2^3\})$	193536
24	$\mathcal{O}(1; \{24^2, 12, 6^4, 4^2\})$	774144
24	$\mathcal{O}(1; \{24^2, 12, 6^5, 3\})$	783360
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 4, 3^2, 2^2\})$	1474560
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6, 4, 2^3\})$	884736
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6, 4^3\})$	3538944
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6^2, 4, 3\})$	3244032
24	$\mathcal{O}(1; \{24^2, 12, 8^4, 3^2\})$	11796480
24	$\mathcal{O}(1; \{24^2, 12, 8^4, 6, 2\})$	7077888
24	$\mathcal{O}(1; \{24^2, 12^2, 4, 3, 2^5\})$	184320
24	$\mathcal{O}(1; \{24^2, 12^2, 4, 3^4, 2\})$	1585152
24	$\mathcal{O}(1; \{24^2, 12^2, 4^3, 3, 2^2\})$	737280
24	$\mathcal{O}(1; \{24^2, 12^2, 6, 4, 3^2, 2^2\})$	774144
24	$\mathcal{O}(1; \{24^2, 12^2, 6^2, 4, 2^3\})$	405504
24	$\mathcal{O}(1; \{24^2, 12^2, 6^2, 4^3\})$	1622016
24	$\mathcal{O}(1; \{24^2, 12^2, 6^3, 4, 3\})$	1585152
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 3, 2^3\})$	1474560
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 4^2, 3\})$	5898240
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 6, 3^2\})$	6193152
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 6^2, 2\})$	3244032
24	$\mathcal{O}(1; \{24^2, 12^3, 2^6\})$	184320
24	$\mathcal{O}(1; \{24^2, 12^3, 3^3, 2^2\})$	1585152
24	$\mathcal{O}(1; \{24^2, 12^3, 4^2, 2^3\})$	737280
24	$\mathcal{O}(1; \{24^2, 12^3, 4^4\})$	2949120
24	$\mathcal{O}(1; \{24^2, 12^3, 6, 3, 2^3\})$	774144
24	$\mathcal{O}(1; \{24^2, 12^3, 6, 4^2, 3\})$	3096576
24	$\mathcal{O}(1; \{24^2, 12^3, 6^2, 3^2\})$	3133440
24	$\mathcal{O}(1; \{24^2, 12^3, 6^3, 2\})$	1585152
24	$\mathcal{O}(1; \{24^2, 12^3, 8^2, 4, 2\})$	5898240
24	$\mathcal{O}(1; \{24^2, 12^4, 4, 3^2\})$	6340608
24	$\mathcal{O}(1; \{24^2, 12^4, 6, 4, 2\})$	3096576
24	$\mathcal{O}(1; \{24^2, 12^5, 3, 2\})$	6340608

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^3, 8, 4, 3, 2^5\})$	442368
24	$\mathcal{O}(1; \{24^3, 8, 4, 3^4, 2\})$	3096576
24	$\mathcal{O}(1; \{24^3, 8, 4^3, 3, 2^2\})$	1769472
24	$\mathcal{O}(1; \{24^3, 8, 6, 4, 3^2, 2^2\})$	1622016
24	$\mathcal{O}(1; \{24^3, 8, 6^2, 4, 2^3\})$	737280
24	$\mathcal{O}(1; \{24^3, 8, 6^2, 4^3\})$	2949120
24	$\mathcal{O}(1; \{24^3, 8, 6^3, 4, 3\})$	3096576
24	$\mathcal{O}(1; \{24^3, 8^3, 3, 2^3\})$	3538944
24	$\mathcal{O}(1; \{24^3, 8^3, 4^2, 3\})$	14155776
24	$\mathcal{O}(1; \{24^3, 8^3, 6, 3^2\})$	12976128
24	$\mathcal{O}(1; \{24^3, 8^3, 6^2, 2\})$	5898240
24	$\mathcal{O}(1; \{24^3, 12, 8, 2^6\})$	442368
24	$\mathcal{O}(1; \{24^3, 12, 8, 3^3, 2^2\})$	3096576
24	$\mathcal{O}(1; \{24^3, 12, 8, 4^2, 2^3\})$	1769472
24	$\mathcal{O}(1; \{24^3, 12, 8, 4^4\})$	7077888
24	$\mathcal{O}(1; \{24^3, 12, 8, 6, 3, 2^3\})$	1622016
24	$\mathcal{O}(1; \{24^3, 12, 8, 6, 4^2, 3\})$	6488064
24	$\mathcal{O}(1; \{24^3, 12, 8, 6^2, 3^2\})$	6340608
24	$\mathcal{O}(1; \{24^3, 12, 8, 6^3, 2\})$	3096576
24	$\mathcal{O}(1; \{24^3, 12, 8^3, 4, 2\})$	14155776
24	$\mathcal{O}(1; \{24^3, 12^2, 8, 4, 3^2\})$	12386304
24	$\mathcal{O}(1; \{24^3, 12^2, 8, 6, 4, 2\})$	6488064
24	$\mathcal{O}(1; \{24^3, 12^3, 8, 3, 2\})$	12386304
24	$\mathcal{O}(1; \{24^4, 3^2, 2^5\})$	811008
24	$\mathcal{O}(1; \{24^4, 3^5, 2\})$	6266880
24	$\mathcal{O}(1; \{24^4, 4^2, 3^2, 2^2\})$	3244032
24	$\mathcal{O}(1; \{24^4, 6, 2^6\})$	368640
24	$\mathcal{O}(1; \{24^4, 6, 3^3, 2^2\})$	3170304
24	$\mathcal{O}(1; \{24^4, 6, 4^2, 2^3\})$	1474560
24	$\mathcal{O}(1; \{24^4, 6, 4^4\})$	5898240
24	$\mathcal{O}(1; \{24^4, 6^2, 3, 2^3\})$	1548288
24	$\mathcal{O}(1; \{24^4, 6^2, 4^2, 3\})$	6193152
24	$\mathcal{O}(1; \{24^4, 6^3, 3^2\})$	6266880
24	$\mathcal{O}(1; \{24^4, 6^4, 2\})$	3170304
24	$\mathcal{O}(1; \{24^4, 8^2, 4, 3^2\})$	25952256
24	$\mathcal{O}(1; \{24^4, 8^2, 6, 4, 2\})$	11796480
24	$\mathcal{O}(1; \{24^4, 12, 4, 3, 2^3\})$	3244032
24	$\mathcal{O}(1; \{24^4, 12, 4^3, 3\})$	12976128
24	$\mathcal{O}(1; \{24^4, 12, 6, 4, 3^2\})$	12681216
24	$\mathcal{O}(1; \{24^4, 12, 6^2, 4, 2\})$	6193152
24	$\mathcal{O}(1; \{24^4, 12, 8^2, 3, 2\})$	25952256
24	$\mathcal{O}(1; \{24^4, 12^2, 2^4\})$	3244032
24	$\mathcal{O}(1; \{24^4, 12^2, 3^3\})$	25067520

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^4, 12^2, 4^2, 2\})$	12976128
24	$\mathcal{O}(1; \{24^4, 12^2, 6, 3, 2\})$	12681216
24	$\mathcal{O}(1; \{24^5, 8, 2^4\})$	5898240
24	$\mathcal{O}(1; \{24^5, 8, 3^3\})$	50724864
24	$\mathcal{O}(1; \{24^5, 8, 4^2, 2\})$	23592960
24	$\mathcal{O}(1; \{24^5, 8, 6, 3, 2\})$	24772608
24	$\mathcal{O}(1; \{24^6, 4, 3, 2\})$	49545216
24	$\mathcal{O}(1; \{24^6, 12, 2^2\})$	49545216
24	$\mathcal{O}(1; \{24^8\})$	811597824
24	$\mathcal{O}(0; \{8^2, 4, 3^4, 2^9\})$	48
24	$\mathcal{O}(0; \{8^2, 4, 3^7, 2^5\})$	336
24	$\mathcal{O}(0; \{8^2, 4, 3^{10}, 2\})$	2736
24	$\mathcal{O}(0; \{8^2, 4^3, 3^4, 2^6\})$	192
24	$\mathcal{O}(0; \{8^2, 4^3, 3^7, 2^2\})$	1344
24	$\mathcal{O}(0; \{8^2, 4^5, 3^4, 2^3\})$	768
24	$\mathcal{O}(0; \{8^2, 4^7, 3^4\})$	3072
24	$\mathcal{O}(0; \{8^2, 6, 4, 3^2, 2^{10}\})$	16
24	$\mathcal{O}(0; \{8^2, 6, 4, 3^5, 2^6\})$	176
24	$\mathcal{O}(0; \{8^2, 6, 4, 3^8, 2^2\})$	1360
24	$\mathcal{O}(0; \{8^2, 6, 4^3, 3^2, 2^7\})$	64
24	$\mathcal{O}(0; \{8^2, 6, 4^3, 3^5, 2^3\})$	704
24	$\mathcal{O}(0; \{8^2, 6, 4^5, 3^2, 2^4\})$	256
24	$\mathcal{O}(0; \{8^2, 6, 4^5, 3^5\})$	2816
24	$\mathcal{O}(0; \{8^2, 6, 4^7, 3^2, 2\})$	1024
24	$\mathcal{O}(0; \{8^2, 6^2, 4, 2^{11}\})$	16
24	$\mathcal{O}(0; \{8^2, 6^2, 4, 3^3, 2^7\})$	80
24	$\mathcal{O}(0; \{8^2, 6^2, 4, 3^6, 2^3\})$	688
24	$\mathcal{O}(0; \{8^2, 6^2, 4^3, 2^8\})$	64
24	$\mathcal{O}(0; \{8^2, 6^2, 4^3, 3^3, 2^4\})$	320
24	$\mathcal{O}(0; \{8^2, 6^2, 4^3, 3^6\})$	2752
24	$\mathcal{O}(0; \{8^2, 6^2, 4^5, 2^5\})$	256
24	$\mathcal{O}(0; \{8^2, 6^2, 4^5, 3^3, 2\})$	1280
24	$\mathcal{O}(0; \{8^2, 6^2, 4^7, 2^2\})$	1024
24	$\mathcal{O}(0; \{8^2, 6^3, 4, 3, 2^8\})$	48
24	$\mathcal{O}(0; \{8^2, 6^3, 4, 3^4, 2^4\})$	336
24	$\mathcal{O}(0; \{8^2, 6^3, 4, 3^7\})$	2736
24	$\mathcal{O}(0; \{8^2, 6^3, 4^3, 3, 2^5\})$	192
24	$\mathcal{O}(0; \{8^2, 6^3, 4^3, 3^4, 2\})$	1344
24	$\mathcal{O}(0; \{8^2, 6^3, 4^5, 3, 2^2\})$	768
24	$\mathcal{O}(0; \{8^2, 6^4, 4, 3^2, 2^5\})$	176
24	$\mathcal{O}(0; \{8^2, 6^4, 4, 3^5, 2\})$	1360
24	$\mathcal{O}(0; \{8^2, 6^4, 4^3, 3^2, 2^2\})$	704
24	$\mathcal{O}(0; \{8^2, 6^5, 4, 2^6\})$	80

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{8^2, 6^5, 4, 3^3, 2^2\})$	688
24	$\mathcal{O}(0; \{8^2, 6^5, 4^3, 2^3\})$	320
24	$\mathcal{O}(0; \{8^2, 6^5, 4^5\})$	1280
24	$\mathcal{O}(0; \{8^2, 6^6, 4, 3, 2^3\})$	336
24	$\mathcal{O}(0; \{8^2, 6^6, 4^3, 3\})$	1344
24	$\mathcal{O}(0; \{8^2, 6^7, 4, 3^2\})$	1360
24	$\mathcal{O}(0; \{8^2, 6^8, 4, 2\})$	688
24	$\mathcal{O}(0; \{8^4, 3^4, 2^7\})$	384
24	$\mathcal{O}(0; \{8^4, 3^7, 2^3\})$	2688
24	$\mathcal{O}(0; \{8^4, 4^2, 3^4, 2^4\})$	1536
24	$\mathcal{O}(0; \{8^4, 4^2, 3^7\})$	10752
24	$\mathcal{O}(0; \{8^4, 4^4, 3^4, 2\})$	6144
24	$\mathcal{O}(0; \{8^4, 6, 3^2, 2^8\})$	128
24	$\mathcal{O}(0; \{8^4, 6, 3^5, 2^4\})$	1408
24	$\mathcal{O}(0; \{8^4, 6, 3^8\})$	10880
24	$\mathcal{O}(0; \{8^4, 6, 4^2, 3^2, 2^5\})$	512
24	$\mathcal{O}(0; \{8^4, 6, 4^2, 3^5, 2\})$	5632
24	$\mathcal{O}(0; \{8^4, 6, 4^4, 3^2, 2^2\})$	2048
24	$\mathcal{O}(0; \{8^4, 6^2, 2^9\})$	128
24	$\mathcal{O}(0; \{8^4, 6^2, 3^3, 2^5\})$	640
24	$\mathcal{O}(0; \{8^4, 6^2, 3^6, 2\})$	5504
24	$\mathcal{O}(0; \{8^4, 6^2, 4^2, 2^6\})$	512
24	$\mathcal{O}(0; \{8^4, 6^2, 4^2, 3^3, 2^2\})$	2560
24	$\mathcal{O}(0; \{8^4, 6^2, 4^4, 2^3\})$	2048
24	$\mathcal{O}(0; \{8^4, 6^2, 4^6\})$	8192
24	$\mathcal{O}(0; \{8^4, 6^3, 3, 2^6\})$	384
24	$\mathcal{O}(0; \{8^4, 6^3, 3^4, 2^2\})$	2688
24	$\mathcal{O}(0; \{8^4, 6^3, 4^2, 3, 2^3\})$	1536
24	$\mathcal{O}(0; \{8^4, 6^3, 4^4, 3\})$	6144
24	$\mathcal{O}(0; \{8^4, 6^4, 3^2, 2^3\})$	1408
24	$\mathcal{O}(0; \{8^4, 6^4, 4^2, 3^2\})$	5632
24	$\mathcal{O}(0; \{8^4, 6^5, 2^4\})$	640
24	$\mathcal{O}(0; \{8^4, 6^5, 3^3\})$	5504
24	$\mathcal{O}(0; \{8^4, 6^5, 4^2, 2\})$	2560
24	$\mathcal{O}(0; \{8^4, 6^6, 3, 2\})$	2688
24	$\mathcal{O}(0; \{8^6, 4, 3^4, 2^2\})$	12288
24	$\mathcal{O}(0; \{8^6, 6, 4, 3^2, 2^3\})$	4096
24	$\mathcal{O}(0; \{8^6, 6, 4^3, 3^2\})$	16384
24	$\mathcal{O}(0; \{8^6, 6^2, 4, 2^4\})$	4096
24	$\mathcal{O}(0; \{8^6, 6^2, 4, 3^3\})$	20480
24	$\mathcal{O}(0; \{8^6, 6^2, 4^3, 2\})$	16384
24	$\mathcal{O}(0; \{8^6, 6^3, 4, 3, 2\})$	12288
24	$\mathcal{O}(0; \{8^8, 3^4\})$	98304

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{8^8, 6, 3^2, 2\})$	32768
24	$\mathcal{O}(0; \{8^8, 6^2, 2^2\})$	32768
24	$\mathcal{O}(0; \{12, 8^2, 3^3, 2^{10}\})$	48
24	$\mathcal{O}(0; \{12, 8^2, 3^6, 2^6\})$	336
24	$\mathcal{O}(0; \{12, 8^2, 3^9, 2^2\})$	2736
24	$\mathcal{O}(0; \{12, 8^2, 4^2, 3^3, 2^7\})$	192
24	$\mathcal{O}(0; \{12, 8^2, 4^2, 3^6, 2^3\})$	1344
24	$\mathcal{O}(0; \{12, 8^2, 4^4, 3^3, 2^4\})$	768
24	$\mathcal{O}(0; \{12, 8^2, 4^4, 3^6\})$	5376
24	$\mathcal{O}(0; \{12, 8^2, 4^6, 3^3, 2\})$	3072
24	$\mathcal{O}(0; \{12, 8^2, 6, 3, 2^{11}\})$	16
24	$\mathcal{O}(0; \{12, 8^2, 6, 3^4, 2^7\})$	176
24	$\mathcal{O}(0; \{12, 8^2, 6, 3^7, 2^3\})$	1360
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^2, 3, 2^8\})$	64
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^2, 3^4, 2^4\})$	704
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^2, 3^7\})$	5440
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^4, 3, 2^5\})$	256
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^4, 3^4, 2\})$	2816
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^6, 3, 2^2\})$	1024
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 3^2, 2^8\})$	80
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 3^5, 2^4\})$	688
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 3^8\})$	5456
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^2, 3^2, 2^5\})$	320
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^2, 3^5, 2\})$	2752
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^4, 3^2, 2^2\})$	1280
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 2^9\})$	48
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 3^3, 2^5\})$	336
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 3^6, 2\})$	2736
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4^2, 2^6\})$	192
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4^2, 3^3, 2^2\})$	1344
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4^4, 2^3\})$	768
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4^6\})$	3072
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 3, 2^6\})$	176
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 3^4, 2^2\})$	1360
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 4^2, 3, 2^3\})$	704
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 4^4, 3\})$	2816
24	$\mathcal{O}(0; \{12, 8^2, 6^5, 3^2, 2^3\})$	688
24	$\mathcal{O}(0; \{12, 8^2, 6^5, 4^2, 3^2\})$	2752
24	$\mathcal{O}(0; \{12, 8^2, 6^6, 2^4\})$	336
24	$\mathcal{O}(0; \{12, 8^2, 6^6, 3^3\})$	2736
24	$\mathcal{O}(0; \{12, 8^2, 6^6, 4^2, 2\})$	1344
24	$\mathcal{O}(0; \{12, 8^2, 6^7, 3, 2\})$	1360
24	$\mathcal{O}(0; \{12, 8^4, 4, 3^3, 2^5\})$	1536

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12, 8^4, 4, 3^6, 2\})$	10752
24	$\mathcal{O}(0; \{12, 8^4, 4^3, 3^3, 2^2\})$	6144
24	$\mathcal{O}(0; \{12, 8^4, 6, 4, 3, 2^6\})$	512
24	$\mathcal{O}(0; \{12, 8^4, 6, 4, 3^4, 2^2\})$	5632
24	$\mathcal{O}(0; \{12, 8^4, 6, 4^3, 3, 2^3\})$	2048
24	$\mathcal{O}(0; \{12, 8^4, 6, 4^5, 3\})$	8192
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 4, 3^2, 2^3\})$	2560
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 4^3, 3^2\})$	10240
24	$\mathcal{O}(0; \{12, 8^4, 6^3, 4, 2^4\})$	1536
24	$\mathcal{O}(0; \{12, 8^4, 6^3, 4, 3^3\})$	10752
24	$\mathcal{O}(0; \{12, 8^4, 6^3, 4^3, 2\})$	6144
24	$\mathcal{O}(0; \{12, 8^4, 6^4, 4, 3, 2\})$	5632
24	$\mathcal{O}(0; \{12, 8^6, 3^3, 2^3\})$	12288
24	$\mathcal{O}(0; \{12, 8^6, 4^2, 3^3\})$	49152
24	$\mathcal{O}(0; \{12, 8^6, 6, 3, 2^4\})$	4096
24	$\mathcal{O}(0; \{12, 8^6, 6, 3^4\})$	45056
24	$\mathcal{O}(0; \{12, 8^6, 6, 4^2, 3, 2\})$	16384
24	$\mathcal{O}(0; \{12, 8^6, 6^2, 3^2, 2\})$	20480
24	$\mathcal{O}(0; \{12, 8^6, 6^3, 2^2\})$	12288
24	$\mathcal{O}(0; \{12^2, 8^2, 4, 3^2, 2^8\})$	192
24	$\mathcal{O}(0; \{12^2, 8^2, 4, 3^5, 2^4\})$	1344
24	$\mathcal{O}(0; \{12^2, 8^2, 4, 3^8\})$	10944
24	$\mathcal{O}(0; \{12^2, 8^2, 4^3, 3^2, 2^5\})$	768
24	$\mathcal{O}(0; \{12^2, 8^2, 4^3, 3^5, 2\})$	5376
24	$\mathcal{O}(0; \{12^2, 8^2, 4^5, 3^2, 2^2\})$	3072
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4, 2^9\})$	64
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4, 3^3, 2^5\})$	704
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4, 3^6, 2\})$	5440
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^3, 2^6\})$	256
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^3, 3^3, 2^2\})$	2816
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^5, 2^3\})$	1024
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^7\})$	4096
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4, 3, 2^6\})$	320
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4, 3^4, 2^2\})$	2752
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4^3, 3, 2^3\})$	1280
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4^5, 3\})$	5120
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 4, 3^2, 2^3\})$	1344
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 4^3, 3^2\})$	5376
24	$\mathcal{O}(0; \{12^2, 8^2, 6^4, 4, 2^4\})$	704
24	$\mathcal{O}(0; \{12^2, 8^2, 6^4, 4, 3^3\})$	5440
24	$\mathcal{O}(0; \{12^2, 8^2, 6^4, 4^3, 2\})$	2816
24	$\mathcal{O}(0; \{12^2, 8^2, 6^5, 4, 3, 2\})$	2752
24	$\mathcal{O}(0; \{12^2, 8^4, 3^2, 2^6\})$	1536

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12^2, 8^4, 3^5, 2^2\})$	10752
24	$\mathcal{O}(0; \{12^2, 8^4, 4^2, 3^2, 2^3\})$	6144
24	$\mathcal{O}(0; \{12^2, 8^4, 4^4, 3^2\})$	24576
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 2^7\})$	512
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 3^3, 2^3\})$	5632
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 4^2, 2^4\})$	2048
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 4^2, 3^3\})$	22528
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 4^4, 2\})$	8192
24	$\mathcal{O}(0; \{12^2, 8^4, 6^2, 3, 2^4\})$	2560
24	$\mathcal{O}(0; \{12^2, 8^4, 6^2, 3^4\})$	22016
24	$\mathcal{O}(0; \{12^2, 8^4, 6^2, 4^2, 3, 2\})$	10240
24	$\mathcal{O}(0; \{12^2, 8^4, 6^3, 3^2, 2\})$	10752
24	$\mathcal{O}(0; \{12^2, 8^4, 6^4, 2^2\})$	5632
24	$\mathcal{O}(0; \{12^2, 8^6, 4, 3^2, 2\})$	49152
24	$\mathcal{O}(0; \{12^2, 8^6, 6, 4, 2^2\})$	16384
24	$\mathcal{O}(0; \{12^2, 8^8, 6\})$	131072
24	$\mathcal{O}(0; \{12^3, 8^2, 3, 2^9\})$	192
24	$\mathcal{O}(0; \{12^3, 8^2, 3^4, 2^5\})$	1344
24	$\mathcal{O}(0; \{12^3, 8^2, 3^7, 2\})$	10944
24	$\mathcal{O}(0; \{12^3, 8^2, 4^2, 3, 2^6\})$	768
24	$\mathcal{O}(0; \{12^3, 8^2, 4^2, 3^4, 2^2\})$	5376
24	$\mathcal{O}(0; \{12^3, 8^2, 4^4, 3, 2^3\})$	3072
24	$\mathcal{O}(0; \{12^3, 8^2, 4^6, 3\})$	12288
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 3^2, 2^6\})$	704
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 3^5, 2^2\})$	5440
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4^2, 3^2, 2^3\})$	2816
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4^4, 3^2\})$	11264
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 2^7\})$	320
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 3^3, 2^3\})$	2752
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 4^2, 2^4\})$	1280
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 4^2, 3^3\})$	11008
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 4^4, 2\})$	5120
24	$\mathcal{O}(0; \{12^3, 8^2, 6^3, 3, 2^4\})$	1344
24	$\mathcal{O}(0; \{12^3, 8^2, 6^3, 3^4\})$	10944
24	$\mathcal{O}(0; \{12^3, 8^2, 6^3, 4^2, 3, 2\})$	5376
24	$\mathcal{O}(0; \{12^3, 8^2, 6^4, 3^2, 2\})$	5440
24	$\mathcal{O}(0; \{12^3, 8^2, 6^5, 2^2\})$	2752
24	$\mathcal{O}(0; \{12^3, 8^4, 4, 3, 2^4\})$	6144
24	$\mathcal{O}(0; \{12^3, 8^4, 4, 3^4\})$	43008
24	$\mathcal{O}(0; \{12^3, 8^4, 4^3, 3, 2\})$	24576
24	$\mathcal{O}(0; \{12^3, 8^4, 6, 4, 3^2, 2\})$	22528
24	$\mathcal{O}(0; \{12^3, 8^4, 6^2, 4, 2^2\})$	10240
24	$\mathcal{O}(0; \{12^3, 8^6, 3, 2^2\})$	49152

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12^3, 8^6, 6^2\})$	81920
24	$\mathcal{O}(0; \{12^4, 8^2, 4, 2^7\})$	768
24	$\mathcal{O}(0; \{12^4, 8^2, 4, 3^3, 2^3\})$	5376
24	$\mathcal{O}(0; \{12^4, 8^2, 4^3, 2^4\})$	3072
24	$\mathcal{O}(0; \{12^4, 8^2, 4^3, 3^3\})$	21504
24	$\mathcal{O}(0; \{12^4, 8^2, 4^5, 2\})$	12288
24	$\mathcal{O}(0; \{12^4, 8^2, 6, 4, 3, 2^4\})$	2816
24	$\mathcal{O}(0; \{12^4, 8^2, 6, 4, 3^4\})$	21760
24	$\mathcal{O}(0; \{12^4, 8^2, 6, 4^3, 3, 2\})$	11264
24	$\mathcal{O}(0; \{12^4, 8^2, 6^2, 4, 3^2, 2\})$	11008
24	$\mathcal{O}(0; \{12^4, 8^2, 6^3, 4, 2^2\})$	5376
24	$\mathcal{O}(0; \{12^4, 8^4, 2^5\})$	6144
24	$\mathcal{O}(0; \{12^4, 8^4, 3^3, 2\})$	43008
24	$\mathcal{O}(0; \{12^4, 8^4, 4^2, 2^2\})$	24576
24	$\mathcal{O}(0; \{12^4, 8^4, 6, 3, 2^2\})$	22528
24	$\mathcal{O}(0; \{12^4, 8^4, 6^3\})$	43008
24	$\mathcal{O}(0; \{12^4, 8^6, 4\})$	196608
24	$\mathcal{O}(0; \{12^5, 8^2, 3^2, 2^4\})$	5376
24	$\mathcal{O}(0; \{12^5, 8^2, 3^5\})$	43776
24	$\mathcal{O}(0; \{12^5, 8^2, 4^2, 3^2, 2\})$	21504
24	$\mathcal{O}(0; \{12^5, 8^2, 6, 2^5\})$	2816
24	$\mathcal{O}(0; \{12^5, 8^2, 6, 3^3, 2\})$	21760
24	$\mathcal{O}(0; \{12^5, 8^2, 6, 4^2, 2^2\})$	11264
24	$\mathcal{O}(0; \{12^5, 8^2, 6^2, 3, 2^2\})$	11008
24	$\mathcal{O}(0; \{12^5, 8^2, 6^4\})$	21760
24	$\mathcal{O}(0; \{12^5, 8^4, 6, 4\})$	90112
24	$\mathcal{O}(0; \{12^6, 8^2, 4, 3, 2^2\})$	21504
24	$\mathcal{O}(0; \{12^6, 8^2, 6^2, 4\})$	44032
24	$\mathcal{O}(0; \{12^6, 8^4, 3\})$	172032
24	$\mathcal{O}(0; \{12^7, 8^2, 2^3\})$	21504
24	$\mathcal{O}(0; \{12^7, 8^2, 4^2\})$	86016
24	$\mathcal{O}(0; \{12^7, 8^2, 6, 3\})$	87040
24	$\mathcal{O}(0; \{24, 8, 3^2, 2^{13}\})$	8
24	$\mathcal{O}(0; \{24, 8, 3^5, 2^9\})$	88
24	$\mathcal{O}(0; \{24, 8, 3^8, 2^5\})$	680
24	$\mathcal{O}(0; \{24, 8, 3^{11}, 2\})$	5464
24	$\mathcal{O}(0; \{24, 8, 4^2, 3^2, 2^{10}\})$	32
24	$\mathcal{O}(0; \{24, 8, 4^2, 3^5, 2^6\})$	352
24	$\mathcal{O}(0; \{24, 8, 4^2, 3^8, 2^2\})$	2720
24	$\mathcal{O}(0; \{24, 8, 4^4, 3^2, 2^7\})$	128
24	$\mathcal{O}(0; \{24, 8, 4^4, 3^5, 2^3\})$	1408
24	$\mathcal{O}(0; \{24, 8, 4^6, 3^2, 2^4\})$	512
24	$\mathcal{O}(0; \{24, 8, 4^6, 3^5\})$	5632

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 8, 4^8, 3^2, 2\})$	2048
24	$\mathcal{O}(0; \{24, 8, 6, 2^{14}\})$	8
24	$\mathcal{O}(0; \{24, 8, 6, 3^3, 2^{10}\})$	40
24	$\mathcal{O}(0; \{24, 8, 6, 3^6, 2^6\})$	344
24	$\mathcal{O}(0; \{24, 8, 6, 3^9, 2^2\})$	2728
24	$\mathcal{O}(0; \{24, 8, 6, 4^2, 2^{11}\})$	32
24	$\mathcal{O}(0; \{24, 8, 6, 4^2, 3^3, 2^7\})$	160
24	$\mathcal{O}(0; \{24, 8, 6, 4^2, 3^6, 2^3\})$	1376
24	$\mathcal{O}(0; \{24, 8, 6, 4^4, 2^8\})$	128
24	$\mathcal{O}(0; \{24, 8, 6, 4^4, 3^3, 2^4\})$	640
24	$\mathcal{O}(0; \{24, 8, 6, 4^4, 3^6\})$	5504
24	$\mathcal{O}(0; \{24, 8, 6, 4^6, 2^5\})$	512
24	$\mathcal{O}(0; \{24, 8, 6, 4^6, 3^3, 2\})$	2560
24	$\mathcal{O}(0; \{24, 8, 6, 4^8, 2^2\})$	2048
24	$\mathcal{O}(0; \{24, 8, 6^2, 3, 2^{11}\})$	24
24	$\mathcal{O}(0; \{24, 8, 6^2, 3^4, 2^7\})$	168
24	$\mathcal{O}(0; \{24, 8, 6^2, 3^7, 2^3\})$	1368
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^2, 3, 2^8\})$	96
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^2, 3^4, 2^4\})$	672
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^2, 3^7\})$	5472
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^4, 3, 2^5\})$	384
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^4, 3^4, 2\})$	2688
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^6, 3, 2^2\})$	1536
24	$\mathcal{O}(0; \{24, 8, 6^3, 3^2, 2^8\})$	88
24	$\mathcal{O}(0; \{24, 8, 6^3, 3^5, 2^4\})$	680
24	$\mathcal{O}(0; \{24, 8, 6^3, 3^8\})$	5464
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^2, 3^2, 2^5\})$	352
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^2, 3^5, 2\})$	2720
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^4, 3^2, 2^2\})$	1408
24	$\mathcal{O}(0; \{24, 8, 6^4, 2^9\})$	40
24	$\mathcal{O}(0; \{24, 8, 6^4, 3^3, 2^5\})$	344
24	$\mathcal{O}(0; \{24, 8, 6^4, 3^6, 2\})$	2728
24	$\mathcal{O}(0; \{24, 8, 6^4, 4^2, 2^6\})$	160
24	$\mathcal{O}(0; \{24, 8, 6^4, 4^2, 3^3, 2^2\})$	1376
24	$\mathcal{O}(0; \{24, 8, 6^4, 4^4, 2^3\})$	640
24	$\mathcal{O}(0; \{24, 8, 6^4, 4^6\})$	2560
24	$\mathcal{O}(0; \{24, 8, 6^5, 3, 2^6\})$	168
24	$\mathcal{O}(0; \{24, 8, 6^5, 3^4, 2^2\})$	1368
24	$\mathcal{O}(0; \{24, 8, 6^5, 4^2, 3, 2^3\})$	672
24	$\mathcal{O}(0; \{24, 8, 6^5, 4^4, 3\})$	2688
24	$\mathcal{O}(0; \{24, 8, 6^6, 3^2, 2^3\})$	680
24	$\mathcal{O}(0; \{24, 8, 6^6, 4^2, 3^2\})$	2720
24	$\mathcal{O}(0; \{24, 8, 6^7, 2^4\})$	344

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 8, 6^7, 3^3\})$	2728
24	$\mathcal{O}(0; \{24, 8, 6^7, 4^2, 2\})$	1376
24	$\mathcal{O}(0; \{24, 8, 6^8, 3, 2\})$	1368
24	$\mathcal{O}(0; \{24, 8^3, 4, 3^2, 2^8\})$	256
24	$\mathcal{O}(0; \{24, 8^3, 4, 3^5, 2^4\})$	2816
24	$\mathcal{O}(0; \{24, 8^3, 4, 3^8\})$	21760
24	$\mathcal{O}(0; \{24, 8^3, 4^3, 3^2, 2^5\})$	1024
24	$\mathcal{O}(0; \{24, 8^3, 4^3, 3^5, 2\})$	11264
24	$\mathcal{O}(0; \{24, 8^3, 4^5, 3^2, 2^2\})$	4096
24	$\mathcal{O}(0; \{24, 8^3, 6, 4, 2^9\})$	256
24	$\mathcal{O}(0; \{24, 8^3, 6, 4, 3^3, 2^5\})$	1280
24	$\mathcal{O}(0; \{24, 8^3, 6, 4, 3^6, 2\})$	11008
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^3, 2^6\})$	1024
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^3, 3^3, 2^2\})$	5120
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^5, 2^3\})$	4096
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^7\})$	16384
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4, 3, 2^6\})$	768
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4, 3^4, 2^2\})$	5376
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4^3, 3, 2^3\})$	3072
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4^5, 3\})$	12288
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 4, 3^2, 2^3\})$	2816
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 4^3, 3^2\})$	11264
24	$\mathcal{O}(0; \{24, 8^3, 6^4, 4, 2^4\})$	1280
24	$\mathcal{O}(0; \{24, 8^3, 6^4, 4, 3^3\})$	11008
24	$\mathcal{O}(0; \{24, 8^3, 6^4, 4^3, 2\})$	5120
24	$\mathcal{O}(0; \{24, 8^3, 6^5, 4, 3, 2\})$	5376
24	$\mathcal{O}(0; \{24, 8^5, 3^2, 2^6\})$	2048
24	$\mathcal{O}(0; \{24, 8^5, 3^5, 2^2\})$	22528
24	$\mathcal{O}(0; \{24, 8^5, 4^2, 3^2, 2^3\})$	8192
24	$\mathcal{O}(0; \{24, 8^5, 4^4, 3^2\})$	32768
24	$\mathcal{O}(0; \{24, 8^5, 6, 2^7\})$	2048
24	$\mathcal{O}(0; \{24, 8^5, 6, 3^3, 2^3\})$	10240
24	$\mathcal{O}(0; \{24, 8^5, 6, 4^2, 2^4\})$	8192
24	$\mathcal{O}(0; \{24, 8^5, 6, 4^2, 3^3\})$	40960
24	$\mathcal{O}(0; \{24, 8^5, 6, 4^4, 2\})$	32768
24	$\mathcal{O}(0; \{24, 8^5, 6^2, 3, 2^4\})$	6144
24	$\mathcal{O}(0; \{24, 8^5, 6^2, 3^4\})$	43008
24	$\mathcal{O}(0; \{24, 8^5, 6^2, 4^2, 3, 2\})$	24576
24	$\mathcal{O}(0; \{24, 8^5, 6^3, 3^2, 2\})$	22528
24	$\mathcal{O}(0; \{24, 8^5, 6^4, 2^2\})$	10240
24	$\mathcal{O}(0; \{24, 8^7, 4, 3^2, 2\})$	65536
24	$\mathcal{O}(0; \{24, 8^7, 6, 4, 2^2\})$	65536
24	$\mathcal{O}(0; \{24, 8^9, 6\})$	524288

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12, 8, 4, 3, 2^{11}\})$	32
24	$\mathcal{O}(0; \{24, 12, 8, 4, 3^4, 2^7\})$	352
24	$\mathcal{O}(0; \{24, 12, 8, 4, 3^7, 2^3\})$	2720
24	$\mathcal{O}(0; \{24, 12, 8, 4^3, 3, 2^8\})$	128
24	$\mathcal{O}(0; \{24, 12, 8, 4^3, 3^4, 2^4\})$	1408
24	$\mathcal{O}(0; \{24, 12, 8, 4^3, 3^7\})$	10880
24	$\mathcal{O}(0; \{24, 12, 8, 4^5, 3, 2^5\})$	512
24	$\mathcal{O}(0; \{24, 12, 8, 4^5, 3^4, 2\})$	5632
24	$\mathcal{O}(0; \{24, 12, 8, 4^7, 3, 2^2\})$	2048
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4, 3^2, 2^8\})$	160
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4, 3^5, 2^4\})$	1376
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4, 3^8\})$	10912
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^3, 3^2, 2^5\})$	640
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^3, 3^5, 2\})$	5504
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^5, 3^2, 2^2\})$	2560
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4, 2^9\})$	96
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4, 3^3, 2^5\})$	672
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4, 3^6, 2\})$	5472
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^3, 2^6\})$	384
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^3, 3^3, 2^2\})$	2688
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^5, 2^3\})$	1536
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^7\})$	6144
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4, 3, 2^6\})$	352
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4, 3^4, 2^2\})$	2720
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4^3, 3, 2^3\})$	1408
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4^5, 3\})$	5632
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 4, 3^2, 2^3\})$	1376
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 4^3, 3^2\})$	5504
24	$\mathcal{O}(0; \{24, 12, 8, 6^5, 4, 2^4\})$	672
24	$\mathcal{O}(0; \{24, 12, 8, 6^5, 4, 3^3\})$	5472
24	$\mathcal{O}(0; \{24, 12, 8, 6^5, 4^3, 2\})$	2688
24	$\mathcal{O}(0; \{24, 12, 8, 6^6, 4, 3, 2\})$	2720
24	$\mathcal{O}(0; \{24, 12, 8^3, 3, 2^9\})$	256
24	$\mathcal{O}(0; \{24, 12, 8^3, 3^4, 2^5\})$	2816
24	$\mathcal{O}(0; \{24, 12, 8^3, 3^7, 2\})$	21760
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^2, 3, 2^6\})$	1024
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^2, 3^4, 2^2\})$	11264
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^4, 3, 2^3\})$	4096
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^6, 3\})$	16384
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 3^2, 2^6\})$	1280
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 3^5, 2^2\})$	11008
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4^2, 3^2, 2^3\})$	5120
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4^4, 3^2\})$	20480

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 2^7\})$	768
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 3^3, 2^3\})$	5376
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 4^2, 2^4\})$	3072
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 4^2, 3^3\})$	21504
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 4^4, 2\})$	12288
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^3, 3, 2^4\})$	2816
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^3, 3^4\})$	21760
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^3, 4^2, 3, 2\})$	11264
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^4, 3^2, 2\})$	11008
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^5, 2^2\})$	5376
24	$\mathcal{O}(0; \{24, 12, 8^5, 4, 3, 2^4\})$	8192
24	$\mathcal{O}(0; \{24, 12, 8^5, 4, 3^4\})$	90112
24	$\mathcal{O}(0; \{24, 12, 8^5, 4^3, 3, 2\})$	32768
24	$\mathcal{O}(0; \{24, 12, 8^5, 6, 4, 3^2, 2\})$	40960
24	$\mathcal{O}(0; \{24, 12, 8^5, 6^2, 4, 2^2\})$	24576
24	$\mathcal{O}(0; \{24, 12, 8^7, 3, 2^2\})$	65536
24	$\mathcal{O}(0; \{24, 12, 8^7, 6^2\})$	196608
24	$\mathcal{O}(0; \{24, 12^2, 8, 2^{12}\})$	32
24	$\mathcal{O}(0; \{24, 12^2, 8, 3^3, 2^8\})$	352
24	$\mathcal{O}(0; \{24, 12^2, 8, 3^6, 2^4\})$	2720
24	$\mathcal{O}(0; \{24, 12^2, 8, 3^9\})$	21856
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^2, 2^9\})$	128
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^2, 3^3, 2^5\})$	1408
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^2, 3^6, 2\})$	10880
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^4, 2^6\})$	512
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^4, 3^3, 2^2\})$	5632
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^6, 2^3\})$	2048
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^8\})$	8192
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 3, 2^9\})$	160
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 3^4, 2^5\})$	1376
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 3^7, 2\})$	10912
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^2, 3, 2^6\})$	640
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^2, 3^4, 2^2\})$	5504
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^4, 3, 2^3\})$	2560
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^6, 3\})$	10240
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 3^2, 2^6\})$	672
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 3^5, 2^2\})$	5472
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4^2, 3^2, 2^3\})$	2688
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4^4, 3^2\})$	10752
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 2^7\})$	352
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 3^3, 2^3\})$	2720
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 4^2, 2^4\})$	1408
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 4^2, 3^3\})$	10880

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 4^4, 2\})$	5632
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^4, 3, 2^4\})$	1376
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^4, 3^4\})$	10912
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^4, 4^2, 3, 2\})$	5504
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^5, 3^2, 2\})$	5472
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^6, 2^2\})$	2720
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4, 2^7\})$	1024
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4, 3^3, 2^3\})$	11264
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4^3, 2^4\})$	4096
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4^3, 3^3\})$	45056
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4^5, 2\})$	16384
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6, 4, 3, 2^4\})$	5120
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6, 4, 3^4\})$	44032
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6, 4^3, 3, 2\})$	20480
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^2, 4, 3^2, 2\})$	21504
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^3, 4, 2^2\})$	11264
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 2^5\})$	8192
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 3^3, 2\})$	90112
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 4^2, 2^2\})$	32768
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 6, 3, 2^2\})$	40960
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 6^3\})$	90112
24	$\mathcal{O}(0; \{24, 12^2, 8^7, 4\})$	262144
24	$\mathcal{O}(0; \{24, 12^3, 8, 4, 3^2, 2^6\})$	1408
24	$\mathcal{O}(0; \{24, 12^3, 8, 4, 3^5, 2^2\})$	10880
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^3, 3^2, 2^3\})$	5632
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^5, 3^2\})$	22528
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4, 2^7\})$	640
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4, 3^3, 2^3\})$	5504
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4^3, 2^4\})$	2560
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4^3, 3^3\})$	22016
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4^5, 2\})$	10240
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^2, 4, 3, 2^4\})$	2688
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^2, 4, 3^4\})$	21888
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^2, 4^3, 3, 2\})$	10752
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^3, 4, 3^2, 2\})$	10880
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^4, 4, 2^2\})$	5504
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 3^2, 2^4\})$	11264
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 3^5\})$	87040
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 4^2, 3^2, 2\})$	45056
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6, 2^5\})$	5120
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6, 3^3, 2\})$	44032
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6, 4^2, 2^2\})$	20480
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6^2, 3, 2^2\})$	21504

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6^4\})$	44032
24	$\mathcal{O}(0; \{24, 12^3, 8^5, 6, 4\})$	163840
24	$\mathcal{O}(0; \{24, 12^4, 8, 3, 2^7\})$	1408
24	$\mathcal{O}(0; \{24, 12^4, 8, 3^4, 2^3\})$	10880
24	$\mathcal{O}(0; \{24, 12^4, 8, 4^2, 3, 2^4\})$	5632
24	$\mathcal{O}(0; \{24, 12^4, 8, 4^2, 3^4\})$	43520
24	$\mathcal{O}(0; \{24, 12^4, 8, 4^4, 3, 2\})$	22528
24	$\mathcal{O}(0; \{24, 12^4, 8, 6, 3^2, 2^4\})$	5504
24	$\mathcal{O}(0; \{24, 12^4, 8, 6, 3^5\})$	43648
24	$\mathcal{O}(0; \{24, 12^4, 8, 6, 4^2, 3^2, 2\})$	22016
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^2, 2^5\})$	2688
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^2, 3^3, 2\})$	21888
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^2, 4^2, 2^2\})$	10752
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^3, 3, 2^2\})$	10880
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^5\})$	21888
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 4, 3, 2^2\})$	45056
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 6^2, 4\})$	86016
24	$\mathcal{O}(0; \{24, 12^4, 8^5, 3\})$	360448
24	$\mathcal{O}(0; \{24, 12^5, 8, 4, 2^5\})$	5632
24	$\mathcal{O}(0; \{24, 12^5, 8, 4, 3^3, 2\})$	43520
24	$\mathcal{O}(0; \{24, 12^5, 8, 4^3, 2^2\})$	22528
24	$\mathcal{O}(0; \{24, 12^5, 8, 6, 4, 3, 2^2\})$	22016
24	$\mathcal{O}(0; \{24, 12^5, 8, 6^3, 4\})$	43520
24	$\mathcal{O}(0; \{24, 12^5, 8^3, 2^3\})$	45056
24	$\mathcal{O}(0; \{24, 12^5, 8^3, 4^2\})$	180224
24	$\mathcal{O}(0; \{24, 12^5, 8^3, 6, 3\})$	176128
24	$\mathcal{O}(0; \{24, 12^6, 8, 3^2, 2^2\})$	43520
24	$\mathcal{O}(0; \{24, 12^6, 8, 6, 2^3\})$	22016
24	$\mathcal{O}(0; \{24, 12^6, 8, 6, 4^2\})$	88064
24	$\mathcal{O}(0; \{24, 12^6, 8, 6^2, 3\})$	87552
24	$\mathcal{O}(0; \{24, 12^7, 8, 4, 3\})$	174080
24	$\mathcal{O}(0; \{24, 12^8, 8, 2\})$	174080
24	$\mathcal{O}(0; \{24^2, 4, 2^{14}\})$	16
24	$\mathcal{O}(0; \{24^2, 4, 3^3, 2^{10}\})$	80
24	$\mathcal{O}(0; \{24^2, 4, 3^6, 2^6\})$	688
24	$\mathcal{O}(0; \{24^2, 4, 3^9, 2^2\})$	5456
24	$\mathcal{O}(0; \{24^2, 4^3, 2^{11}\})$	64
24	$\mathcal{O}(0; \{24^2, 4^3, 3^3, 2^7\})$	320
24	$\mathcal{O}(0; \{24^2, 4^3, 3^6, 2^3\})$	2752
24	$\mathcal{O}(0; \{24^2, 4^5, 2^8\})$	256
24	$\mathcal{O}(0; \{24^2, 4^5, 3^3, 2^4\})$	1280
24	$\mathcal{O}(0; \{24^2, 4^5, 3^6\})$	11008
24	$\mathcal{O}(0; \{24^2, 4^7, 2^5\})$	1024

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 4^7, 3^3, 2\})$	5120
24	$\mathcal{O}(0; \{24^2, 4^9, 2^2\})$	4096
24	$\mathcal{O}(0; \{24^2, 6, 4, 3, 2^{11}\})$	48
24	$\mathcal{O}(0; \{24^2, 6, 4, 3^4, 2^7\})$	336
24	$\mathcal{O}(0; \{24^2, 6, 4, 3^7, 2^3\})$	2736
24	$\mathcal{O}(0; \{24^2, 6, 4^3, 3, 2^8\})$	192
24	$\mathcal{O}(0; \{24^2, 6, 4^3, 3^4, 2^4\})$	1344
24	$\mathcal{O}(0; \{24^2, 6, 4^3, 3^7\})$	10944
24	$\mathcal{O}(0; \{24^2, 6, 4^5, 3, 2^5\})$	768
24	$\mathcal{O}(0; \{24^2, 6, 4^5, 3^4, 2\})$	5376
24	$\mathcal{O}(0; \{24^2, 6, 4^7, 3, 2^2\})$	3072
24	$\mathcal{O}(0; \{24^2, 6^2, 4, 3^2, 2^8\})$	176
24	$\mathcal{O}(0; \{24^2, 6^2, 4, 3^5, 2^4\})$	1360
24	$\mathcal{O}(0; \{24^2, 6^2, 4, 3^8\})$	10928
24	$\mathcal{O}(0; \{24^2, 6^2, 4^3, 3^2, 2^5\})$	704
24	$\mathcal{O}(0; \{24^2, 6^2, 4^3, 3^5, 2\})$	5440
24	$\mathcal{O}(0; \{24^2, 6^2, 4^5, 3^2, 2^2\})$	2816
24	$\mathcal{O}(0; \{24^2, 6^3, 4, 2^9\})$	80
24	$\mathcal{O}(0; \{24^2, 6^3, 4, 3^3, 2^5\})$	688
24	$\mathcal{O}(0; \{24^2, 6^3, 4, 3^6, 2\})$	5456
24	$\mathcal{O}(0; \{24^2, 6^3, 4^3, 2^6\})$	320
24	$\mathcal{O}(0; \{24^2, 6^3, 4^3, 3^3, 2^2\})$	2752
24	$\mathcal{O}(0; \{24^2, 6^3, 4^5, 2^3\})$	1280
24	$\mathcal{O}(0; \{24^2, 6^3, 4^7\})$	5120
24	$\mathcal{O}(0; \{24^2, 6^4, 4, 3, 2^6\})$	336
24	$\mathcal{O}(0; \{24^2, 6^4, 4, 3^4, 2^2\})$	2736
24	$\mathcal{O}(0; \{24^2, 6^4, 4^3, 3, 2^3\})$	1344
24	$\mathcal{O}(0; \{24^2, 6^4, 4^5, 3\})$	5376
24	$\mathcal{O}(0; \{24^2, 6^5, 4, 3^2, 2^3\})$	1360
24	$\mathcal{O}(0; \{24^2, 6^5, 4^3, 3^2\})$	5440
24	$\mathcal{O}(0; \{24^2, 6^6, 4, 2^4\})$	688
24	$\mathcal{O}(0; \{24^2, 6^6, 4, 3^3\})$	5456
24	$\mathcal{O}(0; \{24^2, 6^6, 4^3, 2\})$	2752
24	$\mathcal{O}(0; \{24^2, 6^7, 4, 3, 2\})$	2736
24	$\mathcal{O}(0; \{24^2, 8^2, 2^{12}\})$	128
24	$\mathcal{O}(0; \{24^2, 8^2, 3^3, 2^8\})$	640
24	$\mathcal{O}(0; \{24^2, 8^2, 3^6, 2^4\})$	5504
24	$\mathcal{O}(0; \{24^2, 8^2, 3^9\})$	43648
24	$\mathcal{O}(0; \{24^2, 8^2, 4^2, 2^9\})$	512
24	$\mathcal{O}(0; \{24^2, 8^2, 4^2, 3^3, 2^5\})$	2560
24	$\mathcal{O}(0; \{24^2, 8^2, 4^2, 3^6, 2\})$	22016
24	$\mathcal{O}(0; \{24^2, 8^2, 4^4, 2^6\})$	2048
24	$\mathcal{O}(0; \{24^2, 8^2, 4^4, 3^3, 2^2\})$	10240

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 8^2, 4^6, 2^3\})$	8192
24	$\mathcal{O}(0; \{24^2, 8^2, 4^8\})$	32768
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 3, 2^9\})$	384
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 3^4, 2^5\})$	2688
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 3^7, 2\})$	21888
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^2, 3, 2^6\})$	1536
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^2, 3^4, 2^2\})$	10752
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^4, 3, 2^3\})$	6144
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^6, 3\})$	24576
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 3^2, 2^6\})$	1408
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 3^5, 2^2\})$	10880
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4^2, 3^2, 2^3\})$	5632
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4^4, 3^2\})$	22528
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 2^7\})$	640
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 3^3, 2^3\})$	5504
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 4^2, 2^4\})$	2560
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 4^2, 3^3\})$	22016
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 4^4, 2\})$	10240
24	$\mathcal{O}(0; \{24^2, 8^2, 6^4, 3, 2^4\})$	2688
24	$\mathcal{O}(0; \{24^2, 8^2, 6^4, 3^4\})$	21888
24	$\mathcal{O}(0; \{24^2, 8^2, 6^4, 4^2, 3, 2\})$	10752
24	$\mathcal{O}(0; \{24^2, 8^2, 6^5, 3^2, 2\})$	10880
24	$\mathcal{O}(0; \{24^2, 8^2, 6^6, 2^2\})$	5504
24	$\mathcal{O}(0; \{24^2, 8^4, 4, 2^7\})$	4096
24	$\mathcal{O}(0; \{24^2, 8^4, 4, 3^3, 2^3\})$	20480
24	$\mathcal{O}(0; \{24^2, 8^4, 4^3, 2^4\})$	16384
24	$\mathcal{O}(0; \{24^2, 8^4, 4^3, 3^3\})$	81920
24	$\mathcal{O}(0; \{24^2, 8^4, 4^5, 2\})$	65536
24	$\mathcal{O}(0; \{24^2, 8^4, 6, 4, 3, 2^4\})$	12288
24	$\mathcal{O}(0; \{24^2, 8^4, 6, 4, 3^4\})$	86016
24	$\mathcal{O}(0; \{24^2, 8^4, 6, 4^3, 3, 2\})$	49152
24	$\mathcal{O}(0; \{24^2, 8^4, 6^2, 4, 3^2, 2\})$	45056
24	$\mathcal{O}(0; \{24^2, 8^4, 6^3, 4, 2^2\})$	20480
24	$\mathcal{O}(0; \{24^2, 8^6, 2^5\})$	32768
24	$\mathcal{O}(0; \{24^2, 8^6, 3^3, 2\})$	163840
24	$\mathcal{O}(0; \{24^2, 8^6, 4^2, 2^2\})$	131072
24	$\mathcal{O}(0; \{24^2, 8^6, 6, 3, 2^2\})$	98304
24	$\mathcal{O}(0; \{24^2, 8^6, 6^3\})$	163840
24	$\mathcal{O}(0; \{24^2, 8^8, 4\})$	1048576
24	$\mathcal{O}(0; \{24^2, 12, 3^2, 2^{11}\})$	80
24	$\mathcal{O}(0; \{24^2, 12, 3^5, 2^7\})$	688
24	$\mathcal{O}(0; \{24^2, 12, 3^8, 2^3\})$	5456
24	$\mathcal{O}(0; \{24^2, 12, 4^2, 3^2, 2^8\})$	320

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12, 4^2, 3^5, 2^4\})$	2752
24	$\mathcal{O}(0; \{24^2, 12, 4^2, 3^8\})$	21824
24	$\mathcal{O}(0; \{24^2, 12, 4^4, 3^2, 2^5\})$	1280
24	$\mathcal{O}(0; \{24^2, 12, 4^4, 3^5, 2\})$	11008
24	$\mathcal{O}(0; \{24^2, 12, 4^6, 3^2, 2^2\})$	5120
24	$\mathcal{O}(0; \{24^2, 12, 6, 2^{12}\})$	48
24	$\mathcal{O}(0; \{24^2, 12, 6, 3^3, 2^8\})$	336
24	$\mathcal{O}(0; \{24^2, 12, 6, 3^6, 2^4\})$	2736
24	$\mathcal{O}(0; \{24^2, 12, 6, 3^9\})$	21840
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^2, 2^9\})$	192
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^2, 3^3, 2^5\})$	1344
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^2, 3^6, 2\})$	10944
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^4, 2^6\})$	768
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^4, 3^3, 2^2\})$	5376
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^6, 2^3\})$	3072
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^8\})$	12288
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 3, 2^9\})$	176
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 3^4, 2^5\})$	1360
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 3^7, 2\})$	10928
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^2, 3, 2^6\})$	704
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^2, 3^4, 2^2\})$	5440
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^4, 3, 2^3\})$	2816
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^6, 3\})$	11264
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 3^2, 2^6\})$	688
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 3^5, 2^2\})$	5456
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4^2, 3^2, 2^3\})$	2752
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4^4, 3^2\})$	11008
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 2^7\})$	336
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 3^3, 2^3\})$	2736
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 4^2, 2^4\})$	1344
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 4^2, 3^3\})$	10944
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 4^4, 2\})$	5376
24	$\mathcal{O}(0; \{24^2, 12, 6^5, 3, 2^4\})$	1360
24	$\mathcal{O}(0; \{24^2, 12, 6^5, 3^4\})$	10928
24	$\mathcal{O}(0; \{24^2, 12, 6^5, 4^2, 3, 2\})$	5440
24	$\mathcal{O}(0; \{24^2, 12, 6^6, 3^2, 2\})$	5456
24	$\mathcal{O}(0; \{24^2, 12, 6^7, 2^2\})$	2736
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4, 3^2, 2^6\})$	2560
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4, 3^5, 2^2\})$	22016
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^3, 3^2, 2^3\})$	10240
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^5, 3^2\})$	40960
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4, 2^7\})$	1536
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4, 3^3, 2^3\})$	10752

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4^3, 2^4\})$	6144
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4^3, 3^3\})$	43008
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4^5, 2\})$	24576
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^2, 4, 3, 2^4\})$	5632
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^2, 4, 3^4\})$	43520
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^2, 4^3, 3, 2\})$	22528
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^3, 4, 3^2, 2\})$	22016
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^4, 4, 2^2\})$	10752
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 3^2, 2^4\})$	20480
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 3^5\})$	176128
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 4^2, 3^2, 2\})$	81920
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6, 2^5\})$	12288
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6, 3^3, 2\})$	86016
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6, 4^2, 2^2\})$	49152
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6^2, 3, 2^2\})$	45056
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6^4\})$	86016
24	$\mathcal{O}(0; \{24^2, 12, 8^6, 6, 4\})$	393216
24	$\mathcal{O}(0; \{24^2, 12^2, 4, 3, 2^9\})$	320
24	$\mathcal{O}(0; \{24^2, 12^2, 4, 3^4, 2^5\})$	2752
24	$\mathcal{O}(0; \{24^2, 12^2, 4, 3^7, 2\})$	21824
24	$\mathcal{O}(0; \{24^2, 12^2, 4^3, 3, 2^6\})$	1280
24	$\mathcal{O}(0; \{24^2, 12^2, 4^3, 3^4, 2^2\})$	11008
24	$\mathcal{O}(0; \{24^2, 12^2, 4^5, 3, 2^3\})$	5120
24	$\mathcal{O}(0; \{24^2, 12^2, 4^7, 3\})$	20480
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4, 3^2, 2^6\})$	1344
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4, 3^5, 2^2\})$	10944
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^3, 3^2, 2^3\})$	5376
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^5, 3^2\})$	21504
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4, 2^7\})$	704
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4, 3^3, 2^3\})$	5440
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4^3, 2^4\})$	2816
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4^3, 3^3\})$	21760
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4^5, 2\})$	11264
24	$\mathcal{O}(0; \{24^2, 12^2, 6^3, 4, 3, 2^4\})$	2752
24	$\mathcal{O}(0; \{24^2, 12^2, 6^3, 4, 3^4\})$	21824
24	$\mathcal{O}(0; \{24^2, 12^2, 6^3, 4^3, 3, 2\})$	11008
24	$\mathcal{O}(0; \{24^2, 12^2, 6^4, 4, 3^2, 2\})$	10944
24	$\mathcal{O}(0; \{24^2, 12^2, 6^5, 4, 2^2\})$	5440
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 3, 2^7\})$	2560
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 3^4, 2^3\})$	22016
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 4^2, 3, 2^4\})$	10240
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 4^2, 3^4\})$	88064
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 4^4, 3, 2\})$	40960

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6, 3^2, 2^4\})$	10752
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6, 3^5\})$	87552
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6, 4^2, 3^2, 2\})$	43008
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^2, 2^5\})$	5632
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^2, 3^3, 2\})$	43520
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^2, 4^2, 2^2\})$	22528
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^3, 3, 2^2\})$	22016
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^5\})$	43520
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 4, 3, 2^2\})$	81920
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 6^2, 4\})$	180224
24	$\mathcal{O}(0; \{24^2, 12^2, 8^6, 3\})$	655360
24	$\mathcal{O}(0; \{24^2, 12^3, 2^{10}\})$	320
24	$\mathcal{O}(0; \{24^2, 12^3, 3^3, 2^6\})$	2752
24	$\mathcal{O}(0; \{24^2, 12^3, 3^6, 2^2\})$	21824
24	$\mathcal{O}(0; \{24^2, 12^3, 4^2, 2^7\})$	1280
24	$\mathcal{O}(0; \{24^2, 12^3, 4^2, 3^3, 2^3\})$	11008
24	$\mathcal{O}(0; \{24^2, 12^3, 4^4, 2^4\})$	5120
24	$\mathcal{O}(0; \{24^2, 12^3, 4^4, 3^3\})$	44032
24	$\mathcal{O}(0; \{24^2, 12^3, 4^6, 2\})$	20480
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 3, 2^7\})$	1344
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 3^4, 2^3\})$	10944
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 4^2, 3, 2^4\})$	5376
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 4^2, 3^4\})$	43776
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 4^4, 3, 2\})$	21504
24	$\mathcal{O}(0; \{24^2, 12^3, 6^2, 3^2, 2^4\})$	5440
24	$\mathcal{O}(0; \{24^2, 12^3, 6^2, 3^5\})$	43712
24	$\mathcal{O}(0; \{24^2, 12^3, 6^2, 4^2, 3^2, 2\})$	21760
24	$\mathcal{O}(0; \{24^2, 12^3, 6^3, 2^5\})$	2752
24	$\mathcal{O}(0; \{24^2, 12^3, 6^3, 3^3, 2\})$	21824
24	$\mathcal{O}(0; \{24^2, 12^3, 6^3, 4^2, 2^2\})$	11008
24	$\mathcal{O}(0; \{24^2, 12^3, 6^4, 3, 2^2\})$	10944
24	$\mathcal{O}(0; \{24^2, 12^3, 6^6\})$	21824
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 4, 2^5\})$	10240
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 4, 3^3, 2\})$	88064
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 4^3, 2^2\})$	40960
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6, 4, 3, 2^2\})$	43008
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6^3, 4\})$	88064
24	$\mathcal{O}(0; \{24^2, 12^3, 8^4, 2^3\})$	81920
24	$\mathcal{O}(0; \{24^2, 12^3, 8^4, 4^2\})$	327680
24	$\mathcal{O}(0; \{24^2, 12^3, 8^4, 6, 3\})$	344064
24	$\mathcal{O}(0; \{24^2, 12^4, 4, 3^2, 2^4\})$	11008
24	$\mathcal{O}(0; \{24^2, 12^4, 4, 3^5\})$	87296
24	$\mathcal{O}(0; \{24^2, 12^4, 4^3, 3^2, 2\})$	44032

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12^4, 6, 4, 2^5\})$	5376
24	$\mathcal{O}(0; \{24^2, 12^4, 6, 4, 3^3, 2\})$	43776
24	$\mathcal{O}(0; \{24^2, 12^4, 6, 4^3, 2^2\})$	21504
24	$\mathcal{O}(0; \{24^2, 12^4, 6^2, 4, 3, 2^2\})$	21760
24	$\mathcal{O}(0; \{24^2, 12^4, 6^4, 4\})$	43776
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 3^2, 2^2\})$	88064
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 6, 2^3\})$	43008
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 6, 4^2\})$	172032
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 6^2, 3\})$	174080
24	$\mathcal{O}(0; \{24^2, 12^5, 3, 2^5\})$	11008
24	$\mathcal{O}(0; \{24^2, 12^5, 3^4, 2\})$	87296
24	$\mathcal{O}(0; \{24^2, 12^5, 4^2, 3, 2^2\})$	44032
24	$\mathcal{O}(0; \{24^2, 12^5, 6, 3^2, 2^2\})$	43776
24	$\mathcal{O}(0; \{24^2, 12^5, 6^2, 2^3\})$	21760
24	$\mathcal{O}(0; \{24^2, 12^5, 6^2, 4^2\})$	87040
24	$\mathcal{O}(0; \{24^2, 12^5, 6^3, 3\})$	87296
24	$\mathcal{O}(0; \{24^2, 12^5, 8^2, 4, 3\})$	352256
24	$\mathcal{O}(0; \{24^2, 12^6, 4, 2^3\})$	44032
24	$\mathcal{O}(0; \{24^2, 12^6, 4^3\})$	176128
24	$\mathcal{O}(0; \{24^2, 12^6, 6, 4, 3\})$	175104
24	$\mathcal{O}(0; \{24^2, 12^6, 8^2, 2\})$	352256
24	$\mathcal{O}(0; \{24^2, 12^7, 3^2\})$	349184
24	$\mathcal{O}(0; \{24^2, 12^7, 6, 2\})$	175104
24	$\mathcal{O}(0; \{24^3, 8, 4, 3, 2^9\})$	768
24	$\mathcal{O}(0; \{24^3, 8, 4, 3^4, 2^5\})$	5376
24	$\mathcal{O}(0; \{24^3, 8, 4, 3^7, 2\})$	43776
24	$\mathcal{O}(0; \{24^3, 8, 4^3, 3, 2^6\})$	3072
24	$\mathcal{O}(0; \{24^3, 8, 4^3, 3^4, 2^2\})$	21504
24	$\mathcal{O}(0; \{24^3, 8, 4^5, 3, 2^3\})$	12288
24	$\mathcal{O}(0; \{24^3, 8, 4^7, 3\})$	49152
24	$\mathcal{O}(0; \{24^3, 8, 6, 4, 3^2, 2^6\})$	2816
24	$\mathcal{O}(0; \{24^3, 8, 6, 4, 3^5, 2^2\})$	21760
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^3, 3^2, 2^3\})$	11264
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^5, 3^2\})$	45056
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4, 2^7\})$	1280
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4, 3^3, 2^3\})$	11008
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4^3, 2^4\})$	5120
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4^3, 3^3\})$	44032
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4^5, 2\})$	20480
24	$\mathcal{O}(0; \{24^3, 8, 6^3, 4, 3, 2^4\})$	5376
24	$\mathcal{O}(0; \{24^3, 8, 6^3, 4, 3^4\})$	43776
24	$\mathcal{O}(0; \{24^3, 8, 6^3, 4^3, 3, 2\})$	21504
24	$\mathcal{O}(0; \{24^3, 8, 6^4, 4, 3^2, 2\})$	21760

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^3, 8, 6^5, 4, 2^2\})$	11008
24	$\mathcal{O}(0; \{24^3, 8^3, 3, 2^7\})$	6144
24	$\mathcal{O}(0; \{24^3, 8^3, 3^4, 2^3\})$	43008
24	$\mathcal{O}(0; \{24^3, 8^3, 4^2, 3, 2^4\})$	24576
24	$\mathcal{O}(0; \{24^3, 8^3, 4^2, 3^4\})$	172032
24	$\mathcal{O}(0; \{24^3, 8^3, 4^4, 3, 2\})$	98304
24	$\mathcal{O}(0; \{24^3, 8^3, 6, 3^2, 2^4\})$	22528
24	$\mathcal{O}(0; \{24^3, 8^3, 6, 3^5\})$	174080
24	$\mathcal{O}(0; \{24^3, 8^3, 6, 4^2, 3^2, 2\})$	90112
24	$\mathcal{O}(0; \{24^3, 8^3, 6^2, 2^5\})$	10240
24	$\mathcal{O}(0; \{24^3, 8^3, 6^2, 3^3, 2\})$	88064
24	$\mathcal{O}(0; \{24^3, 8^3, 6^2, 4^2, 2^2\})$	40960
24	$\mathcal{O}(0; \{24^3, 8^3, 6^3, 3, 2^2\})$	43008
24	$\mathcal{O}(0; \{24^3, 8^3, 6^5\})$	88064
24	$\mathcal{O}(0; \{24^3, 8^5, 4, 3, 2^2\})$	196608
24	$\mathcal{O}(0; \{24^3, 8^5, 6^2, 4\})$	327680
24	$\mathcal{O}(0; \{24^3, 8^7, 3\})$	1572864
24	$\mathcal{O}(0; \{24^3, 12, 8, 2^{10}\})$	768
24	$\mathcal{O}(0; \{24^3, 12, 8, 3^3, 2^6\})$	5376
24	$\mathcal{O}(0; \{24^3, 12, 8, 3^6, 2^2\})$	43776
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^2, 2^7\})$	3072
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^2, 3^3, 2^3\})$	21504
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^4, 2^4\})$	12288
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^4, 3^3\})$	86016
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^6, 2\})$	49152
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 3, 2^7\})$	2816
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 3^4, 2^3\})$	21760
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 4^2, 3, 2^4\})$	11264
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 4^2, 3^4\})$	87040
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 4^4, 3, 2\})$	45056
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^2, 3^2, 2^4\})$	11008
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^2, 3^5\})$	87296
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^2, 4^2, 3^2, 2\})$	44032
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^3, 2^5\})$	5376
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^3, 3^3, 2\})$	43776
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^3, 4^2, 2^2\})$	21504
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^4, 3, 2^2\})$	21760
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^6\})$	43776
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 4, 2^5\})$	24576
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 4, 3^3, 2\})$	172032
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 4^3, 2^2\})$	98304
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6, 4, 3, 2^2\})$	90112
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6^3, 4\})$	172032

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^3, 12, 8^5, 2^3\})$	196608
24	$\mathcal{O}(0; \{24^3, 12, 8^5, 4^2\})$	786432
24	$\mathcal{O}(0; \{24^3, 12, 8^5, 6, 3\})$	720896
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 4, 3^2, 2^4\})$	21504
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 4, 3^5\})$	175104
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 4^3, 3^2, 2\})$	86016
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6, 4, 2^5\})$	11264
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6, 4, 3^3, 2\})$	87040
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6, 4^3, 2^2\})$	45056
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^2, 4, 3, 2^2\})$	44032
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^4, 4\})$	87040
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 3^2, 2^2\})$	172032
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 6, 2^3\})$	90112
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 6, 4^2\})$	360448
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 6^2, 3\})$	352256
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 3, 2^5\})$	21504
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 3^4, 2\})$	175104
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 4^2, 3, 2^2\})$	86016
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6, 3^2, 2^2\})$	87040
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6^2, 2^3\})$	44032
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6^2, 4^2\})$	176128
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6^3, 3\})$	175104
24	$\mathcal{O}(0; \{24^3, 12^3, 8^3, 4, 3\})$	688128
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 4, 2^3\})$	86016
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 4^3\})$	344064
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 6, 4, 3\})$	348160
24	$\mathcal{O}(0; \{24^3, 12^4, 8^3, 2\})$	688128
24	$\mathcal{O}(0; \{24^3, 12^5, 8, 3^2\})$	700416
24	$\mathcal{O}(0; \{24^3, 12^5, 8, 6, 2\})$	348160
24	$\mathcal{O}(0; \{24^4, 3^2, 2^9\})$	1408
24	$\mathcal{O}(0; \{24^4, 3^5, 2^5\})$	10880
24	$\mathcal{O}(0; \{24^4, 3^8, 2\})$	87424
24	$\mathcal{O}(0; \{24^4, 4^2, 3^2, 2^6\})$	5632
24	$\mathcal{O}(0; \{24^4, 4^2, 3^5, 2^2\})$	43520
24	$\mathcal{O}(0; \{24^4, 4^4, 3^2, 2^3\})$	22528
24	$\mathcal{O}(0; \{24^4, 4^6, 3^2\})$	90112
24	$\mathcal{O}(0; \{24^4, 6, 2^{10}\})$	640
24	$\mathcal{O}(0; \{24^4, 6, 3^3, 2^6\})$	5504
24	$\mathcal{O}(0; \{24^4, 6, 3^6, 2^2\})$	43648
24	$\mathcal{O}(0; \{24^4, 6, 4^2, 2^7\})$	2560
24	$\mathcal{O}(0; \{24^4, 6, 4^2, 3^3, 2^3\})$	22016
24	$\mathcal{O}(0; \{24^4, 6, 4^4, 2^4\})$	10240
24	$\mathcal{O}(0; \{24^4, 6, 4^4, 3^3\})$	88064

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^4, 6, 4^6, 2\})$	40960
24	$\mathcal{O}(0; \{24^4, 6^2, 3, 2^7\})$	2688
24	$\mathcal{O}(0; \{24^4, 6^2, 3^4, 2^3\})$	21888
24	$\mathcal{O}(0; \{24^4, 6^2, 4^2, 3, 2^4\})$	10752
24	$\mathcal{O}(0; \{24^4, 6^2, 4^2, 3^4\})$	87552
24	$\mathcal{O}(0; \{24^4, 6^2, 4^4, 3, 2\})$	43008
24	$\mathcal{O}(0; \{24^4, 6^3, 3^2, 2^4\})$	10880
24	$\mathcal{O}(0; \{24^4, 6^3, 3^5\})$	87424
24	$\mathcal{O}(0; \{24^4, 6^3, 4^2, 3^2, 2\})$	43520
24	$\mathcal{O}(0; \{24^4, 6^4, 2^5\})$	5504
24	$\mathcal{O}(0; \{24^4, 6^4, 3^3, 2\})$	43648
24	$\mathcal{O}(0; \{24^4, 6^4, 4^2, 2^2\})$	22016
24	$\mathcal{O}(0; \{24^4, 6^5, 3, 2^2\})$	21888
24	$\mathcal{O}(0; \{24^4, 6^7\})$	43648
24	$\mathcal{O}(0; \{24^4, 8^2, 4, 3^2, 2^4\})$	45056
24	$\mathcal{O}(0; \{24^4, 8^2, 4, 3^5\})$	348160
24	$\mathcal{O}(0; \{24^4, 8^2, 4^3, 3^2, 2\})$	180224
24	$\mathcal{O}(0; \{24^4, 8^2, 6, 4, 2^5\})$	20480
24	$\mathcal{O}(0; \{24^4, 8^2, 6, 4, 3^3, 2\})$	176128
24	$\mathcal{O}(0; \{24^4, 8^2, 6, 4^3, 2^2\})$	81920
24	$\mathcal{O}(0; \{24^4, 8^2, 6^2, 4, 3, 2^2\})$	86016
24	$\mathcal{O}(0; \{24^4, 8^2, 6^4, 4\})$	176128
24	$\mathcal{O}(0; \{24^4, 8^4, 3^2, 2^2\})$	360448
24	$\mathcal{O}(0; \{24^4, 8^4, 6, 2^3\})$	163840
24	$\mathcal{O}(0; \{24^4, 8^4, 6, 4^2\})$	655360
24	$\mathcal{O}(0; \{24^4, 8^4, 6^2, 3\})$	688128
24	$\mathcal{O}(0; \{24^4, 12, 4, 3, 2^7\})$	5632
24	$\mathcal{O}(0; \{24^4, 12, 4, 3^4, 2^3\})$	43520
24	$\mathcal{O}(0; \{24^4, 12, 4^3, 3, 2^4\})$	22528
24	$\mathcal{O}(0; \{24^4, 12, 4^3, 3^4\})$	174080
24	$\mathcal{O}(0; \{24^4, 12, 4^5, 3, 2\})$	90112
24	$\mathcal{O}(0; \{24^4, 12, 6, 4, 3^2, 2^4\})$	22016
24	$\mathcal{O}(0; \{24^4, 12, 6, 4, 3^5\})$	174592
24	$\mathcal{O}(0; \{24^4, 12, 6, 4^3, 3^2, 2\})$	88064
24	$\mathcal{O}(0; \{24^4, 12, 6^2, 4, 2^5\})$	10752
24	$\mathcal{O}(0; \{24^4, 12, 6^2, 4, 3^3, 2\})$	87552
24	$\mathcal{O}(0; \{24^4, 12, 6^2, 4^3, 2^2\})$	43008
24	$\mathcal{O}(0; \{24^4, 12, 6^3, 4, 3, 2^2\})$	43520
24	$\mathcal{O}(0; \{24^4, 12, 6^5, 4\})$	87552
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 3, 2^5\})$	45056
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 3^4, 2\})$	348160
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 4^2, 3, 2^2\})$	180224
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6, 3^2, 2^2\})$	176128

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6^2, 2^3\})$	86016
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6^2, 4^2\})$	344064
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6^3, 3\})$	348160
24	$\mathcal{O}(0; \{24^4, 12, 8^4, 4, 3\})$	1441792
24	$\mathcal{O}(0; \{24^4, 12^2, 2^8\})$	5632
24	$\mathcal{O}(0; \{24^4, 12^2, 3^3, 2^4\})$	43520
24	$\mathcal{O}(0; \{24^4, 12^2, 3^6\})$	349696
24	$\mathcal{O}(0; \{24^4, 12^2, 4^2, 2^5\})$	22528
24	$\mathcal{O}(0; \{24^4, 12^2, 4^2, 3^3, 2\})$	174080
24	$\mathcal{O}(0; \{24^4, 12^2, 4^4, 2^2\})$	90112
24	$\mathcal{O}(0; \{24^4, 12^2, 6, 3, 2^5\})$	22016
24	$\mathcal{O}(0; \{24^4, 12^2, 6, 3^4, 2\})$	174592
24	$\mathcal{O}(0; \{24^4, 12^2, 6, 4^2, 3, 2^2\})$	88064
24	$\mathcal{O}(0; \{24^4, 12^2, 6^2, 3^2, 2^2\})$	87552
24	$\mathcal{O}(0; \{24^4, 12^2, 6^3, 2^3\})$	43520
24	$\mathcal{O}(0; \{24^4, 12^2, 6^3, 4^2\})$	174080
24	$\mathcal{O}(0; \{24^4, 12^2, 6^4, 3\})$	174592
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 4, 2^3\})$	180224
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 4^3\})$	720896
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 6, 4, 3\})$	704512
24	$\mathcal{O}(0; \{24^4, 12^2, 8^4, 2\})$	1441792
24	$\mathcal{O}(0; \{24^4, 12^3, 4, 3^2, 2^2\})$	174080
24	$\mathcal{O}(0; \{24^4, 12^3, 6, 4, 2^3\})$	88064
24	$\mathcal{O}(0; \{24^4, 12^3, 6, 4^3\})$	352256
24	$\mathcal{O}(0; \{24^4, 12^3, 6^2, 4, 3\})$	350208
24	$\mathcal{O}(0; \{24^4, 12^3, 8^2, 3^2\})$	1392640
24	$\mathcal{O}(0; \{24^4, 12^3, 8^2, 6, 2\})$	704512
24	$\mathcal{O}(0; \{24^4, 12^4, 3, 2^3\})$	174080
24	$\mathcal{O}(0; \{24^4, 12^4, 4^2, 3\})$	696320
24	$\mathcal{O}(0; \{24^4, 12^4, 6, 3^2\})$	698368
24	$\mathcal{O}(0; \{24^4, 12^4, 6^2, 2\})$	350208
24	$\mathcal{O}(0; \{24^4, 12^5, 4, 2\})$	696320
24	$\mathcal{O}(0; \{24^5, 8, 2^8\})$	10240
24	$\mathcal{O}(0; \{24^5, 8, 3^3, 2^4\})$	88064
24	$\mathcal{O}(0; \{24^5, 8, 3^6\})$	698368
24	$\mathcal{O}(0; \{24^5, 8, 4^2, 2^5\})$	40960
24	$\mathcal{O}(0; \{24^5, 8, 4^2, 3^3, 2\})$	352256
24	$\mathcal{O}(0; \{24^5, 8, 4^4, 2^2\})$	163840
24	$\mathcal{O}(0; \{24^5, 8, 6, 3, 2^5\})$	43008
24	$\mathcal{O}(0; \{24^5, 8, 6, 3^4, 2\})$	350208
24	$\mathcal{O}(0; \{24^5, 8, 6, 4^2, 3, 2^2\})$	172032
24	$\mathcal{O}(0; \{24^5, 8, 6^2, 3^2, 2^2\})$	174080
24	$\mathcal{O}(0; \{24^5, 8, 6^3, 2^3\})$	88064

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^5, 8, 6^3, 4^2\})$	352256
24	$\mathcal{O}(0; \{24^5, 8, 6^4, 3\})$	350208
24	$\mathcal{O}(0; \{24^5, 8^3, 4, 2^3\})$	327680
24	$\mathcal{O}(0; \{24^5, 8^3, 4^3\})$	1310720
24	$\mathcal{O}(0; \{24^5, 8^3, 6, 4, 3\})$	1376256
24	$\mathcal{O}(0; \{24^5, 8^5, 2\})$	2621440
24	$\mathcal{O}(0; \{24^5, 12, 8, 4, 3^2, 2^2\})$	352256
24	$\mathcal{O}(0; \{24^5, 12, 8, 6, 4, 2^3\})$	172032
24	$\mathcal{O}(0; \{24^5, 12, 8, 6, 4^3\})$	688128
24	$\mathcal{O}(0; \{24^5, 12, 8, 6^2, 4, 3\})$	696320
24	$\mathcal{O}(0; \{24^5, 12, 8^3, 3^2\})$	2818048
24	$\mathcal{O}(0; \{24^5, 12, 8^3, 6, 2\})$	1376256
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 3, 2^3\})$	352256
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 4^2, 3\})$	1409024
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 6, 3^2\})$	1400832
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 6^2, 2\})$	696320
24	$\mathcal{O}(0; \{24^5, 12^3, 8, 4, 2\})$	1409024
24	$\mathcal{O}(0; \{24^6, 4, 3, 2^5\})$	86016
24	$\mathcal{O}(0; \{24^6, 4, 3^4, 2\})$	700416
24	$\mathcal{O}(0; \{24^6, 4^3, 3, 2^2\})$	344064
24	$\mathcal{O}(0; \{24^6, 6, 4, 3^2, 2^2\})$	348160
24	$\mathcal{O}(0; \{24^6, 6^2, 4, 2^3\})$	176128
24	$\mathcal{O}(0; \{24^6, 6^2, 4^3\})$	704512
24	$\mathcal{O}(0; \{24^6, 6^3, 4, 3\})$	700416
24	$\mathcal{O}(0; \{24^6, 8^2, 3, 2^3\})$	688128
24	$\mathcal{O}(0; \{24^6, 8^2, 4^2, 3\})$	2752512
24	$\mathcal{O}(0; \{24^6, 8^2, 6, 3^2\})$	2785280
24	$\mathcal{O}(0; \{24^6, 8^2, 6^2, 2\})$	1409024
24	$\mathcal{O}(0; \{24^6, 12, 2^6\})$	86016
24	$\mathcal{O}(0; \{24^6, 12, 3^3, 2^2\})$	700416
24	$\mathcal{O}(0; \{24^6, 12, 4^2, 2^3\})$	344064
24	$\mathcal{O}(0; \{24^6, 12, 4^4\})$	1376256
24	$\mathcal{O}(0; \{24^6, 12, 6, 3, 2^3\})$	348160
24	$\mathcal{O}(0; \{24^6, 12, 6, 4^2, 3\})$	1392640
24	$\mathcal{O}(0; \{24^6, 12, 6^2, 3^2\})$	1396736
24	$\mathcal{O}(0; \{24^6, 12, 6^3, 2\})$	700416
24	$\mathcal{O}(0; \{24^6, 12, 8^2, 4, 2\})$	2752512
24	$\mathcal{O}(0; \{24^6, 12^2, 4, 3^2\})$	2801664
24	$\mathcal{O}(0; \{24^6, 12^2, 6, 4, 2\})$	1392640
24	$\mathcal{O}(0; \{24^6, 12^3, 3, 2\})$	2801664
24	$\mathcal{O}(0; \{24^7, 8, 4, 3^2\})$	5570560
24	$\mathcal{O}(0; \{24^7, 8, 6, 4, 2\})$	2818048
24	$\mathcal{O}(0; \{24^7, 12, 8, 3, 2\})$	5570560

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^8, 2^4\})$	1409024
24	$\mathcal{O}(0; \{24^8, 3^3\})$	11173888
24	$\mathcal{O}(0; \{24^8, 4^2, 2\})$	5636096
24	$\mathcal{O}(0; \{24^8, 6, 3, 2\})$	5603328
25	$\mathcal{O}(1; \{25^6, 5^2\})$	2562500000
26	$\mathcal{O}(1; \{26, 13^5, 2^3\})$	155271792
26	$\mathcal{O}(1; \{26^3, 13^4, 2\})$	1863253392
26	$\mathcal{O}(0; \{26, 13^5, 2^7\})$	229692
26	$\mathcal{O}(0; \{26^3, 13^4, 2^5\})$	2756292
26	$\mathcal{O}(0; \{26^5, 13^3, 2^3\})$	33075516
26	$\mathcal{O}(0; \{26^7, 13^2, 2\})$	396906180
27	$\mathcal{O}(3; \{27^2, 9\})$	41841412812
27	$\mathcal{O}(2; \{27^2, 9, 3^3\})$	459165024
27	$\mathcal{O}(2; \{27^5\})$	34867844010
27	$\mathcal{O}(1; \{27^2, 9, 3^6\})$	5038848
27	$\mathcal{O}(1; \{27^2, 9^4, 3^2\})$	68024448
27	$\mathcal{O}(1; \{27^5, 3^3\})$	382637520
27	$\mathcal{O}(0; \{27^2, 9, 3^9\})$	55296
27	$\mathcal{O}(0; \{27^2, 9^4, 3^5\})$	746496
27	$\mathcal{O}(0; \{27^2, 9^7, 3\})$	10077696
27	$\mathcal{O}(0; \{27^5, 3^6\})$	4199040
27	$\mathcal{O}(0; \{27^5, 9^3, 3^2\})$	56687040
28	$\mathcal{O}(3; \{7^3\})$	14230823040
28	$\mathcal{O}(3; \{28, 7, 4\})$	5782683648
28	$\mathcal{O}(2; \{7^3, 2^4\})$	17287200
28	$\mathcal{O}(2; \{7^3, 4^2, 2\})$	36879360
28	$\mathcal{O}(2; \{14^2, 7^2, 2^2\})$	107180640
28	$\mathcal{O}(2; \{14^4, 7\})$	639626400
28	$\mathcal{O}(2; \{28, 7, 4, 2^4\})$	7375872
28	$\mathcal{O}(2; \{28, 7, 4^3, 2\})$	29503488
28	$\mathcal{O}(2; \{28, 14^2, 4, 2^2\})$	36879360
28	$\mathcal{O}(2; \{28^2, 14, 7^2\})$	1364536320
28	$\mathcal{O}(2; \{28^3, 14, 4\})$	914608128
28	$\mathcal{O}(1; \{7^3, 2^8\})$	17640
28	$\mathcal{O}(1; \{7^3, 4^2, 2^5\})$	47040
28	$\mathcal{O}(1; \{7^3, 4^4, 2^2\})$	188160
28	$\mathcal{O}(1; \{14, 7^6, 2\})$	23514120
28	$\mathcal{O}(1; \{14^2, 7^2, 2^6\})$	109368
28	$\mathcal{O}(1; \{14^2, 7^2, 4^2, 2^3\})$	291648
28	$\mathcal{O}(1; \{14^2, 7^2, 4^4\})$	1166592
28	$\mathcal{O}(1; \{14^4, 7, 2^4\})$	652680
28	$\mathcal{O}(1; \{14^4, 7, 4^2, 2\})$	1740480
28	$\mathcal{O}(1; \{14^6, 2^2\})$	3919608

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(1; \{28, 7, 4, 2^8\})$	9408
28	$\mathcal{O}(1; \{28, 7, 4^3, 2^5\})$	37632
28	$\mathcal{O}(1; \{28, 7, 4^5, 2^2\})$	150528
28	$\mathcal{O}(1; \{28, 14, 7^4, 4, 2\})$	10452288
28	$\mathcal{O}(1; \{28, 14^2, 4, 2^6\})$	47040
28	$\mathcal{O}(1; \{28, 14^2, 4^3, 2^3\})$	188160
28	$\mathcal{O}(1; \{28, 14^2, 4^5\})$	752640
28	$\mathcal{O}(1; \{28^2, 14, 7^2, 2^4\})$	1740480
28	$\mathcal{O}(1; \{28^2, 14, 7^2, 4^2, 2\})$	6961920
28	$\mathcal{O}(1; \{28^2, 14^3, 7, 2^2\})$	10452288
28	$\mathcal{O}(1; \{28^2, 14^5\})$	62704320
28	$\mathcal{O}(1; \{28^3, 14, 4, 2^4\})$	1166592
28	$\mathcal{O}(1; \{28^3, 14, 4^3, 2\})$	4666368
28	$\mathcal{O}(1; \{28^4, 7^2, 2^2\})$	41809152
28	$\mathcal{O}(1; \{28^4, 14^2, 7\})$	250817280
28	$\mathcal{O}(1; \{28^5, 4, 2^2\})$	27847680
28	$\mathcal{O}(0; \{7^3, 4^2, 2^9\})$	60
28	$\mathcal{O}(0; \{7^3, 4^4, 2^6\})$	240
28	$\mathcal{O}(0; \{7^3, 4^6, 2^3\})$	960
28	$\mathcal{O}(0; \{7^3, 4^8\})$	3840
28	$\mathcal{O}(0; \{14, 7^6, 4^2, 2^2\})$	79980
28	$\mathcal{O}(0; \{14^2, 7^2, 4^2, 2^7\})$	372
28	$\mathcal{O}(0; \{14^2, 7^2, 4^4, 2^4\})$	1488
28	$\mathcal{O}(0; \{14^2, 7^2, 4^6, 2\})$	5952
28	$\mathcal{O}(0; \{14^3, 7^5, 4^2\})$	479892
28	$\mathcal{O}(0; \{14^4, 7, 4^2, 2^5\})$	2220
28	$\mathcal{O}(0; \{14^4, 7, 4^4, 2^2\})$	8880
28	$\mathcal{O}(0; \{14^6, 4^2, 2^3\})$	13332
28	$\mathcal{O}(0; \{14^6, 4^4\})$	53328
28	$\mathcal{O}(0; \{28, 7, 4, 2^{12}\})$	12
28	$\mathcal{O}(0; \{28, 7, 4^3, 2^9\})$	48
28	$\mathcal{O}(0; \{28, 7, 4^5, 2^6\})$	192
28	$\mathcal{O}(0; \{28, 7, 4^7, 2^3\})$	768
28	$\mathcal{O}(0; \{28, 7, 4^9\})$	3072
28	$\mathcal{O}(0; \{28, 7^8, 4\})$	2879340
28	$\mathcal{O}(0; \{28, 14, 7^4, 4, 2^5\})$	13332
28	$\mathcal{O}(0; \{28, 14, 7^4, 4^3, 2^2\})$	53328
28	$\mathcal{O}(0; \{28, 14^2, 4, 2^{10}\})$	60
28	$\mathcal{O}(0; \{28, 14^2, 4^3, 2^7\})$	240
28	$\mathcal{O}(0; \{28, 14^2, 4^5, 2^4\})$	960
28	$\mathcal{O}(0; \{28, 14^2, 4^7, 2\})$	3840
28	$\mathcal{O}(0; \{28, 14^3, 7^3, 4, 2^3\})$	79980
28	$\mathcal{O}(0; \{28, 14^3, 7^3, 4^3\})$	319920

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(0; \{28, 14^5, 7^2, 4, 2\})$	479892
28	$\mathcal{O}(0; \{28^2, 7^6, 2^3\})$	479892
28	$\mathcal{O}(0; \{28^2, 7^6, 4^2\})$	1919568
28	$\mathcal{O}(0; \{28^2, 14, 7^2, 2^8\})$	2220
28	$\mathcal{O}(0; \{28^2, 14, 7^2, 4^2, 2^5\})$	8880
28	$\mathcal{O}(0; \{28^2, 14, 7^2, 4^4, 2^2\})$	35520
28	$\mathcal{O}(0; \{28^2, 14^2, 7^5, 2\})$	2879340
28	$\mathcal{O}(0; \{28^2, 14^3, 7, 2^6\})$	13332
28	$\mathcal{O}(0; \{28^2, 14^3, 7, 4^2, 2^3\})$	53328
28	$\mathcal{O}(0; \{28^2, 14^3, 7, 4^4\})$	213312
28	$\mathcal{O}(0; \{28^2, 14^5, 2^4\})$	79980
28	$\mathcal{O}(0; \{28^2, 14^5, 4^2, 2\})$	319920
28	$\mathcal{O}(0; \{28^3, 7^4, 4, 2^3\})$	319920
28	$\mathcal{O}(0; \{28^3, 7^4, 4^3\})$	1279680
28	$\mathcal{O}(0; \{28^3, 14, 4, 2^8\})$	1488
28	$\mathcal{O}(0; \{28^3, 14, 4^3, 2^5\})$	5952
28	$\mathcal{O}(0; \{28^3, 14, 4^5, 2^2\})$	23808
28	$\mathcal{O}(0; \{28^3, 14^2, 7^3, 4, 2\})$	1919568
28	$\mathcal{O}(0; \{28^4, 7^2, 2^6\})$	53328
28	$\mathcal{O}(0; \{28^4, 7^2, 4^2, 2^3\})$	213312
28	$\mathcal{O}(0; \{28^4, 7^2, 4^4\})$	853248
28	$\mathcal{O}(0; \{28^4, 14^2, 7, 2^4\})$	319920
28	$\mathcal{O}(0; \{28^4, 14^2, 7, 4^2, 2\})$	1279680
28	$\mathcal{O}(0; \{28^4, 14^4, 2^2\})$	1919568
28	$\mathcal{O}(0; \{28^5, 4, 2^6\})$	35520
28	$\mathcal{O}(0; \{28^5, 4^3, 2^3\})$	142080
28	$\mathcal{O}(0; \{28^5, 4^5\})$	568320
28	$\mathcal{O}(0; \{28^6, 14, 7, 2^2\})$	7678272
28	$\mathcal{O}(0; \{28^6, 14^3\})$	46069440
28	$\mathcal{O}(0; \{28^8, 7\})$	184277760
30	$\mathcal{O}(2; \{10^2, 3^2, 2^2\})$	6480000
30	$\mathcal{O}(2; \{10^2, 6^2, 3\})$	6480000
30	$\mathcal{O}(2; \{15, 10, 6, 5, 3\})$	19440000
30	$\mathcal{O}(2; \{15^2, 5^2, 3\})$	78975000
30	$\mathcal{O}(2; \{15^3, 3^2\})$	91125000
30	$\mathcal{O}(2; \{15^3, 6, 2\})$	58320000
30	$\mathcal{O}(2; \{30, 10, 5^2, 3\})$	84240000
30	$\mathcal{O}(2; \{30, 15, 10, 3^2\})$	58320000
30	$\mathcal{O}(2; \{30, 15, 10, 6, 2\})$	19440000
30	$\mathcal{O}(2; \{30, 15^2, 5, 2\})$	84240000
30	$\mathcal{O}(2; \{30^2, 10, 5, 2\})$	84240000
30	$\mathcal{O}(1; \{5^6, 3^2\})$	1107000
30	$\mathcal{O}(1; \{10, 5^3, 3^2, 2^3\})$	93600

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{10, 6, 5^3, 3^3\})$	280800
30	$\mathcal{O}(1; \{10, 6^2, 5^3, 3, 2\})$	93600
30	$\mathcal{O}(1; \{10^2, 3^2, 2^6\})$	7200
30	$\mathcal{O}(1; \{10^2, 3^5, 2^2\})$	36000
30	$\mathcal{O}(1; \{10^2, 6, 3^3, 2^3\})$	21600
30	$\mathcal{O}(1; \{10^2, 6^2, 3, 2^4\})$	7200
30	$\mathcal{O}(1; \{10^2, 6^2, 3^4\})$	79200
30	$\mathcal{O}(1; \{10^2, 6^3, 3^2, 2\})$	36000
30	$\mathcal{O}(1; \{10^2, 6^4, 2^2\})$	21600
30	$\mathcal{O}(1; \{10^3, 5^2, 3^2, 2\})$	367200
30	$\mathcal{O}(1; \{15, 5^4, 3^3\})$	826200
30	$\mathcal{O}(1; \{15, 6, 5^4, 3, 2\})$	367200
30	$\mathcal{O}(1; \{15, 10, 5, 3^3, 2^3\})$	64800
30	$\mathcal{O}(1; \{15, 10, 6, 5, 3, 2^4\})$	21600
30	$\mathcal{O}(1; \{15, 10, 6, 5, 3^4\})$	237600
30	$\mathcal{O}(1; \{15, 10, 6^2, 5, 3^2, 2\})$	108000
30	$\mathcal{O}(1; \{15, 10, 6^3, 5, 2^2\})$	64800
30	$\mathcal{O}(1; \{15, 10^3, 3^3, 2\})$	280800
30	$\mathcal{O}(1; \{15, 10^3, 6, 3, 2^2\})$	93600
30	$\mathcal{O}(1; \{15, 10^3, 6^3\})$	280800
30	$\mathcal{O}(1; \{15^2, 5^2, 3, 2^4\})$	93600
30	$\mathcal{O}(1; \{15^2, 5^2, 3^4\})$	772200
30	$\mathcal{O}(1; \{15^2, 6, 5^2, 3^2, 2\})$	468000
30	$\mathcal{O}(1; \{15^2, 6^2, 5^2, 2^2\})$	280800
30	$\mathcal{O}(1; \{15^2, 10^2, 5, 3, 2^2\})$	367200
30	$\mathcal{O}(1; \{15^2, 10^2, 6^2, 5\})$	1101600
30	$\mathcal{O}(1; \{15^2, 10^4, 3\})$	1476000
30	$\mathcal{O}(1; \{15^3, 3^2, 2^4\})$	108000
30	$\mathcal{O}(1; \{15^3, 3^5\})$	696600
30	$\mathcal{O}(1; \{15^3, 6, 2^5\})$	64800
30	$\mathcal{O}(1; \{15^3, 6, 3^3, 2\})$	453600
30	$\mathcal{O}(1; \{15^3, 6^2, 3, 2^2\})$	237600
30	$\mathcal{O}(1; \{15^3, 6^4\})$	453600
30	$\mathcal{O}(1; \{15^3, 10, 6, 5^2\})$	4428000
30	$\mathcal{O}(1; \{15^4, 5^3\})$	13267800
30	$\mathcal{O}(1; \{15^4, 10, 2^3\})$	1101600
30	$\mathcal{O}(1; \{15^4, 10, 6, 3\})$	4039200
30	$\mathcal{O}(1; \{15^5, 5, 3\})$	12177000
30	$\mathcal{O}(1; \{30, 5^5, 3, 2\})$	1476000
30	$\mathcal{O}(1; \{30, 10, 5^2, 3, 2^4\})$	93600
30	$\mathcal{O}(1; \{30, 10, 5^2, 3^4\})$	468000
30	$\mathcal{O}(1; \{30, 10, 6, 5^2, 3^2, 2\})$	280800
30	$\mathcal{O}(1; \{30, 10, 6^2, 5^2, 2^2\})$	93600

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{30, 10^3, 5, 3, 2^2\})$	367200
30	$\mathcal{O}(1; \{30, 10^3, 6^2, 5\})$	367200
30	$\mathcal{O}(1; \{30, 10^5, 3\})$	1476000
30	$\mathcal{O}(1; \{30, 15, 5^3, 3^2, 2\})$	1101600
30	$\mathcal{O}(1; \{30, 15, 6, 5^3, 2^2\})$	367200
30	$\mathcal{O}(1; \{30, 15, 10, 3^2, 2^4\})$	64800
30	$\mathcal{O}(1; \{30, 15, 10, 3^5\})$	453600
30	$\mathcal{O}(1; \{30, 15, 10, 6, 2^5\})$	21600
30	$\mathcal{O}(1; \{30, 15, 10, 6, 3^3, 2\})$	237600
30	$\mathcal{O}(1; \{30, 15, 10, 6^2, 3, 2^2\})$	108000
30	$\mathcal{O}(1; \{30, 15, 10, 6^4\})$	237600
30	$\mathcal{O}(1; \{30, 15, 10^2, 6, 5^2\})$	1476000
30	$\mathcal{O}(1; \{30, 15^2, 5, 2^5\})$	93600
30	$\mathcal{O}(1; \{30, 15^2, 5, 3^3, 2\})$	1029600
30	$\mathcal{O}(1; \{30, 15^2, 6, 5, 3, 2^2\})$	468000
30	$\mathcal{O}(1; \{30, 15^2, 6^3, 5\})$	1029600
30	$\mathcal{O}(1; \{30, 15^2, 10, 5^3\})$	5896800
30	$\mathcal{O}(1; \{30, 15^2, 10^2, 2^3\})$	367200
30	$\mathcal{O}(1; \{30, 15^2, 10^2, 6, 3\})$	1836000
30	$\mathcal{O}(1; \{30, 15^3, 10, 5, 3\})$	7380000
30	$\mathcal{O}(1; \{30, 15^5, 2\})$	16236000
30	$\mathcal{O}(1; \{30^2, 5^4, 2^2\})$	1476000
30	$\mathcal{O}(1; \{30^2, 10, 5, 2^5\})$	93600
30	$\mathcal{O}(1; \{30^2, 10, 5, 3^3, 2\})$	468000
30	$\mathcal{O}(1; \{30^2, 10, 6, 5, 3, 2^2\})$	280800
30	$\mathcal{O}(1; \{30^2, 10, 6^3, 5\})$	468000
30	$\mathcal{O}(1; \{30^2, 10^2, 5^3\})$	5896800
30	$\mathcal{O}(1; \{30^2, 10^3, 2^3\})$	367200
30	$\mathcal{O}(1; \{30^2, 10^3, 6, 3\})$	1101600
30	$\mathcal{O}(1; \{30^2, 15, 5^2, 3, 2^2\})$	1101600
30	$\mathcal{O}(1; \{30^2, 15, 6^2, 5^2\})$	1836000
30	$\mathcal{O}(1; \{30^2, 15, 10^2, 5, 3\})$	4428000
30	$\mathcal{O}(1; \{30^2, 15^2, 3^2, 2^2\})$	1029600
30	$\mathcal{O}(1; \{30^2, 15^2, 6, 2^3\})$	468000
30	$\mathcal{O}(1; \{30^2, 15^2, 6^2, 3\})$	1965600
30	$\mathcal{O}(1; \{30^2, 15^3, 10, 2\})$	7380000
30	$\mathcal{O}(1; \{30^3, 6, 5^3\})$	4428000
30	$\mathcal{O}(1; \{30^3, 10, 3^2, 2^2\})$	468000
30	$\mathcal{O}(1; \{30^3, 10, 6, 2^3\})$	280800
30	$\mathcal{O}(1; \{30^3, 10, 6^2, 3\})$	1029600
30	$\mathcal{O}(1; \{30^3, 15, 5, 2^3\})$	1101600
30	$\mathcal{O}(1; \{30^3, 15, 6, 5, 3\})$	4039200
30	$\mathcal{O}(1; \{30^3, 15, 10^2, 2\})$	4428000

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{30^4, 5^2, 3\})$	7380000
30	$\mathcal{O}(1; \{30^4, 15, 3^2\})$	7711200
30	$\mathcal{O}(1; \{30^4, 15, 6, 2\})$	4039200
30	$\mathcal{O}(1; \{30^5, 5, 2\})$	7380000
30	$\mathcal{O}(0; \{5^6, 3^2, 2^4\})$	1640
30	$\mathcal{O}(0; \{6, 5^6, 3^3, 2\})$	4920
30	$\mathcal{O}(0; \{6^2, 5^6, 3, 2^2\})$	1640
30	$\mathcal{O}(0; \{6^4, 5^6\})$	4920
30	$\mathcal{O}(0; \{10, 5^3, 3^2, 2^7\})$	104
30	$\mathcal{O}(0; \{10, 5^3, 3^5, 2^3\})$	520
30	$\mathcal{O}(0; \{10, 6, 5^3, 3^3, 2^4\})$	312
30	$\mathcal{O}(0; \{10, 6, 5^3, 3^6\})$	2184
30	$\mathcal{O}(0; \{10, 6^2, 5^3, 3, 2^5\})$	104
30	$\mathcal{O}(0; \{10, 6^2, 5^3, 3^4, 2\})$	1144
30	$\mathcal{O}(0; \{10, 6^3, 5^3, 3^2, 2^2\})$	520
30	$\mathcal{O}(0; \{10, 6^4, 5^3, 2^3\})$	312
30	$\mathcal{O}(0; \{10, 6^5, 5^3, 3\})$	1144
30	$\mathcal{O}(0; \{10^2, 3^2, 2^{10}\})$	8
30	$\mathcal{O}(0; \{10^2, 3^5, 2^6\})$	40
30	$\mathcal{O}(0; \{10^2, 3^8, 2^2\})$	344
30	$\mathcal{O}(0; \{10^2, 5^5, 3^2, 2^2\})$	6552
30	$\mathcal{O}(0; \{10^2, 6, 3^3, 2^7\})$	24
30	$\mathcal{O}(0; \{10^2, 6, 3^6, 2^3\})$	168
30	$\mathcal{O}(0; \{10^2, 6^2, 3, 2^8\})$	8
30	$\mathcal{O}(0; \{10^2, 6^2, 3^4, 2^4\})$	88
30	$\mathcal{O}(0; \{10^2, 6^2, 3^7\})$	680
30	$\mathcal{O}(0; \{10^2, 6^2, 5^5, 3\})$	6552
30	$\mathcal{O}(0; \{10^2, 6^3, 3^2, 2^5\})$	40
30	$\mathcal{O}(0; \{10^2, 6^3, 3^5, 2\})$	344
30	$\mathcal{O}(0; \{10^2, 6^4, 2^6\})$	24
30	$\mathcal{O}(0; \{10^2, 6^4, 3^3, 2^2\})$	168
30	$\mathcal{O}(0; \{10^2, 6^5, 3, 2^3\})$	88
30	$\mathcal{O}(0; \{10^2, 6^6, 3^2\})$	344
30	$\mathcal{O}(0; \{10^2, 6^7, 2\})$	168
30	$\mathcal{O}(0; \{10^3, 5^2, 3^2, 2^5\})$	408
30	$\mathcal{O}(0; \{10^3, 5^2, 3^5, 2\})$	2040
30	$\mathcal{O}(0; \{10^3, 6, 5^2, 3^3, 2^2\})$	1224
30	$\mathcal{O}(0; \{10^3, 6^2, 5^2, 3, 2^3\})$	408
30	$\mathcal{O}(0; \{10^3, 6^3, 5^2, 3^2\})$	2040
30	$\mathcal{O}(0; \{10^3, 6^4, 5^2, 2\})$	1224
30	$\mathcal{O}(0; \{10^4, 5^4, 3^2\})$	26216
30	$\mathcal{O}(0; \{10^5, 5, 3^2, 2^3\})$	1640
30	$\mathcal{O}(0; \{10^5, 6, 5, 3^3\})$	4920

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{10^5, 6^2, 5, 3, 2\})$	1640
30	$\mathcal{O}(0; \{10^7, 3^2, 2\})$	6552
30	$\mathcal{O}(0; \{15, 5^4, 3^3, 2^4\})$	1224
30	$\mathcal{O}(0; \{15, 6, 5^4, 3, 2^5\})$	408
30	$\mathcal{O}(0; \{15, 6, 5^4, 3^4, 2\})$	4488
30	$\mathcal{O}(0; \{15, 6^2, 5^4, 3^2, 2^2\})$	2040
30	$\mathcal{O}(0; \{15, 6^3, 5^4, 2^3\})$	1224
30	$\mathcal{O}(0; \{15, 6^4, 5^4, 3\})$	4488
30	$\mathcal{O}(0; \{15, 10, 5, 3^3, 2^7\})$	72
30	$\mathcal{O}(0; \{15, 10, 5, 3^6, 2^3\})$	504
30	$\mathcal{O}(0; \{15, 10, 6, 5, 3, 2^8\})$	24
30	$\mathcal{O}(0; \{15, 10, 6, 5, 3^4, 2^4\})$	264
30	$\mathcal{O}(0; \{15, 10, 6, 5, 3^7\})$	2040
30	$\mathcal{O}(0; \{15, 10, 6, 5^6, 3\})$	26216
30	$\mathcal{O}(0; \{15, 10, 6^2, 5, 3^2, 2^5\})$	120
30	$\mathcal{O}(0; \{15, 10, 6^2, 5, 3^5, 2\})$	1032
30	$\mathcal{O}(0; \{15, 10, 6^3, 5, 2^6\})$	72
30	$\mathcal{O}(0; \{15, 10, 6^3, 5, 3^3, 2^2\})$	504
30	$\mathcal{O}(0; \{15, 10, 6^4, 5, 3, 2^3\})$	264
30	$\mathcal{O}(0; \{15, 10, 6^5, 5, 3^2\})$	1032
30	$\mathcal{O}(0; \{15, 10, 6^6, 5, 2\})$	504
30	$\mathcal{O}(0; \{15, 10^2, 5^3, 3^3, 2^2\})$	4920
30	$\mathcal{O}(0; \{15, 10^2, 6, 5^3, 3, 2^3\})$	1640
30	$\mathcal{O}(0; \{15, 10^2, 6^2, 5^3, 3^2\})$	8200
30	$\mathcal{O}(0; \{15, 10^2, 6^3, 5^3, 2\})$	4920
30	$\mathcal{O}(0; \{15, 10^3, 3^3, 2^5\})$	312
30	$\mathcal{O}(0; \{15, 10^3, 3^6, 2\})$	2184
30	$\mathcal{O}(0; \{15, 10^3, 6, 3, 2^6\})$	104
30	$\mathcal{O}(0; \{15, 10^3, 6, 3^4, 2^2\})$	1144
30	$\mathcal{O}(0; \{15, 10^3, 6^2, 3^2, 2^3\})$	520
30	$\mathcal{O}(0; \{15, 10^3, 6^3, 2^4\})$	312
30	$\mathcal{O}(0; \{15, 10^3, 6^3, 3^3\})$	2184
30	$\mathcal{O}(0; \{15, 10^3, 6^4, 3, 2\})$	1144
30	$\mathcal{O}(0; \{15, 10^4, 5^2, 3^3\})$	19656
30	$\mathcal{O}(0; \{15, 10^4, 6, 5^2, 3, 2\})$	6552
30	$\mathcal{O}(0; \{15^2, 5^2, 3, 2^8\})$	104
30	$\mathcal{O}(0; \{15^2, 5^2, 3^4, 2^4\})$	1144
30	$\mathcal{O}(0; \{15^2, 6, 5^2, 3^2, 2^5\})$	520
30	$\mathcal{O}(0; \{15^2, 6, 5^2, 3^5, 2\})$	4472
30	$\mathcal{O}(0; \{15^2, 6^2, 5^2, 2^6\})$	312
30	$\mathcal{O}(0; \{15^2, 6^2, 5^2, 3^3, 2^2\})$	2184
30	$\mathcal{O}(0; \{15^2, 6^3, 5^2, 3, 2^3\})$	1144
30	$\mathcal{O}(0; \{15^2, 6^4, 5^2, 3^2\})$	4472

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{15^2, 6^5, 5^2, 2\})$	2184
30	$\mathcal{O}(0; \{15^2, 10, 5^4, 3, 2^3\})$	6552
30	$\mathcal{O}(0; \{15^2, 10, 6, 5^4, 3^2\})$	32760
30	$\mathcal{O}(0; \{15^2, 10, 6^2, 5^4, 2\})$	19656
30	$\mathcal{O}(0; \{15^2, 10^2, 5, 3, 2^6\})$	408
30	$\mathcal{O}(0; \{15^2, 10^2, 5, 3^4, 2^2\})$	4488
30	$\mathcal{O}(0; \{15^2, 10^2, 6, 5, 3^2, 2^3\})$	2040
30	$\mathcal{O}(0; \{15^2, 10^2, 6^2, 5, 2^4\})$	1224
30	$\mathcal{O}(0; \{15^2, 10^2, 6^2, 5, 3^3\})$	8568
30	$\mathcal{O}(0; \{15^2, 10^2, 6^3, 5, 3, 2\})$	4488
30	$\mathcal{O}(0; \{15^2, 10^3, 5^3, 3, 2\})$	26216
30	$\mathcal{O}(0; \{15^2, 10^4, 3, 2^4\})$	1640
30	$\mathcal{O}(0; \{15^2, 10^4, 3^4\})$	18040
30	$\mathcal{O}(0; \{15^2, 10^4, 6, 3^2, 2\})$	8200
30	$\mathcal{O}(0; \{15^2, 10^4, 6^2, 2^2\})$	4920
30	$\mathcal{O}(0; \{15^3, 3^2, 2^8\})$	120
30	$\mathcal{O}(0; \{15^3, 3^5, 2^4\})$	1032
30	$\mathcal{O}(0; \{15^3, 6, 2^9\})$	72
30	$\mathcal{O}(0; \{15^3, 6, 3^3, 2^5\})$	504
30	$\mathcal{O}(0; \{15^3, 6, 3^6, 2\})$	4104
30	$\mathcal{O}(0; \{15^3, 6, 5^5, 2\})$	78648
30	$\mathcal{O}(0; \{15^3, 6^2, 3, 2^6\})$	264
30	$\mathcal{O}(0; \{15^3, 6^2, 3^4, 2^2\})$	2040
30	$\mathcal{O}(0; \{15^3, 6^3, 3^2, 2^3\})$	1032
30	$\mathcal{O}(0; \{15^3, 6^4, 2^4\})$	504
30	$\mathcal{O}(0; \{15^3, 6^4, 3^3\})$	4104
30	$\mathcal{O}(0; \{15^3, 6^5, 3, 2\})$	2040
30	$\mathcal{O}(0; \{15^3, 10, 5^2, 3^2, 2^3\})$	8200
30	$\mathcal{O}(0; \{15^3, 10, 6, 5^2, 2^4\})$	4920
30	$\mathcal{O}(0; \{15^3, 10, 6, 5^2, 3^3\})$	34440
30	$\mathcal{O}(0; \{15^3, 10, 6^2, 5^2, 3, 2\})$	18040
30	$\mathcal{O}(0; \{15^3, 10^3, 5, 3^2, 2\})$	32760
30	$\mathcal{O}(0; \{15^3, 10^3, 6, 5, 2^2\})$	19656
30	$\mathcal{O}(0; \{15^3, 10^5, 6\})$	78648
30	$\mathcal{O}(0; \{15^4, 5^3, 2^4\})$	19656
30	$\mathcal{O}(0; \{15^4, 6, 5^3, 3, 2\})$	72072
30	$\mathcal{O}(0; \{15^4, 10, 2^7\})$	1224
30	$\mathcal{O}(0; \{15^4, 10, 3^3, 2^3\})$	8568
30	$\mathcal{O}(0; \{15^4, 10, 6, 3, 2^4\})$	4488
30	$\mathcal{O}(0; \{15^4, 10, 6, 3^4\})$	34680
30	$\mathcal{O}(0; \{15^4, 10, 6^2, 3^2, 2\})$	17544
30	$\mathcal{O}(0; \{15^4, 10, 6^3, 2^2\})$	8568
30	$\mathcal{O}(0; \{15^4, 10^2, 5^2, 2^2\})$	78648

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{15^4, 10^4, 5\})$	314568
30	$\mathcal{O}(0; \{15^5, 5, 3, 2^4\})$	18040
30	$\mathcal{O}(0; \{15^5, 6, 5, 3^2, 2\})$	70520
30	$\mathcal{O}(0; \{15^5, 6^2, 5, 2^2\})$	34440
30	$\mathcal{O}(0; \{15^5, 10^2, 3, 2^2\})$	72072
30	$\mathcal{O}(0; \{15^5, 10^2, 6^2\})$	137592
30	$\mathcal{O}(0; \{15^6, 10, 6, 5\})$	550536
30	$\mathcal{O}(0; \{30, 5^5, 3, 2^5\})$	1640
30	$\mathcal{O}(0; \{30, 5^5, 3^4, 2\})$	8200
30	$\mathcal{O}(0; \{30, 6, 5^5, 3^2, 2^2\})$	4920
30	$\mathcal{O}(0; \{30, 6^2, 5^5, 2^3\})$	1640
30	$\mathcal{O}(0; \{30, 6^3, 5^5, 3\})$	8200
30	$\mathcal{O}(0; \{30, 10, 5^2, 3, 2^8\})$	104
30	$\mathcal{O}(0; \{30, 10, 5^2, 3^4, 2^4\})$	520
30	$\mathcal{O}(0; \{30, 10, 5^2, 3^7\})$	4472
30	$\mathcal{O}(0; \{30, 10, 5^7, 3\})$	104856
30	$\mathcal{O}(0; \{30, 10, 6, 5^2, 3^2, 2^5\})$	312
30	$\mathcal{O}(0; \{30, 10, 6, 5^2, 3^5, 2\})$	2184
30	$\mathcal{O}(0; \{30, 10, 6^2, 5^2, 2^6\})$	104
30	$\mathcal{O}(0; \{30, 10, 6^2, 5^2, 3^3, 2^2\})$	1144
30	$\mathcal{O}(0; \{30, 10, 6^3, 5^2, 3, 2^3\})$	520
30	$\mathcal{O}(0; \{30, 10, 6^4, 5^2, 3^2\})$	2184
30	$\mathcal{O}(0; \{30, 10, 6^5, 5^2, 2\})$	1144
30	$\mathcal{O}(0; \{30, 10^2, 5^4, 3, 2^3\})$	6552
30	$\mathcal{O}(0; \{30, 10^2, 6, 5^4, 3^2\})$	19656
30	$\mathcal{O}(0; \{30, 10^2, 6^2, 5^4, 2\})$	6552
30	$\mathcal{O}(0; \{30, 10^3, 5, 3, 2^6\})$	408
30	$\mathcal{O}(0; \{30, 10^3, 5, 3^4, 2^2\})$	2040
30	$\mathcal{O}(0; \{30, 10^3, 6, 5, 3^2, 2^3\})$	1224
30	$\mathcal{O}(0; \{30, 10^3, 6^2, 5, 2^4\})$	408
30	$\mathcal{O}(0; \{30, 10^3, 6^2, 5, 3^3\})$	4488
30	$\mathcal{O}(0; \{30, 10^3, 6^3, 5, 3, 2\})$	2040
30	$\mathcal{O}(0; \{30, 10^4, 5^3, 3, 2\})$	26216
30	$\mathcal{O}(0; \{30, 10^5, 3, 2^4\})$	1640
30	$\mathcal{O}(0; \{30, 10^5, 3^4\})$	8200
30	$\mathcal{O}(0; \{30, 10^5, 6, 3^2, 2\})$	4920
30	$\mathcal{O}(0; \{30, 10^5, 6^2, 2^2\})$	1640
30	$\mathcal{O}(0; \{30, 15, 5^3, 3^2, 2^5\})$	1224
30	$\mathcal{O}(0; \{30, 15, 5^3, 3^5, 2\})$	8568
30	$\mathcal{O}(0; \{30, 15, 6, 5^3, 2^6\})$	408
30	$\mathcal{O}(0; \{30, 15, 6, 5^3, 3^3, 2^2\})$	4488
30	$\mathcal{O}(0; \{30, 15, 6^2, 5^3, 3, 2^3\})$	2040
30	$\mathcal{O}(0; \{30, 15, 6^3, 5^3, 3^2\})$	8568

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30, 15, 6^4, 5^3, 2\})$	4488
30	$\mathcal{O}(0; \{30, 15, 10, 3^2, 2^8\})$	72
30	$\mathcal{O}(0; \{30, 15, 10, 3^5, 2^4\})$	504
30	$\mathcal{O}(0; \{30, 15, 10, 3^8\})$	4104
30	$\mathcal{O}(0; \{30, 15, 10, 5^5, 3^2\})$	78648
30	$\mathcal{O}(0; \{30, 15, 10, 6, 2^9\})$	24
30	$\mathcal{O}(0; \{30, 15, 10, 6, 3^3, 2^5\})$	264
30	$\mathcal{O}(0; \{30, 15, 10, 6, 3^6, 2\})$	2040
30	$\mathcal{O}(0; \{30, 15, 10, 6, 5^5, 2\})$	26216
30	$\mathcal{O}(0; \{30, 15, 10, 6^2, 3, 2^6\})$	120
30	$\mathcal{O}(0; \{30, 15, 10, 6^2, 3^4, 2^2\})$	1032
30	$\mathcal{O}(0; \{30, 15, 10, 6^3, 3^2, 2^3\})$	504
30	$\mathcal{O}(0; \{30, 15, 10, 6^4, 2^4\})$	264
30	$\mathcal{O}(0; \{30, 15, 10, 6^4, 3^3\})$	2040
30	$\mathcal{O}(0; \{30, 15, 10, 6^5, 3, 2\})$	1032
30	$\mathcal{O}(0; \{30, 15, 10^2, 5^2, 3^2, 2^3\})$	4920
30	$\mathcal{O}(0; \{30, 15, 10^2, 6, 5^2, 2^4\})$	1640
30	$\mathcal{O}(0; \{30, 15, 10^2, 6, 5^2, 3^3\})$	18040
30	$\mathcal{O}(0; \{30, 15, 10^2, 6^2, 5^2, 3, 2\})$	8200
30	$\mathcal{O}(0; \{30, 15, 10^4, 5, 3^2, 2\})$	19656
30	$\mathcal{O}(0; \{30, 15, 10^4, 6, 5, 2^2\})$	6552
30	$\mathcal{O}(0; \{30, 15, 10^6, 6\})$	26216
30	$\mathcal{O}(0; \{30, 15^2, 5, 2^9\})$	104
30	$\mathcal{O}(0; \{30, 15^2, 5, 3^3, 2^5\})$	1144
30	$\mathcal{O}(0; \{30, 15^2, 5, 3^6, 2\})$	8840
30	$\mathcal{O}(0; \{30, 15^2, 5^6, 2\})$	104856
30	$\mathcal{O}(0; \{30, 15^2, 6, 5, 3, 2^6\})$	520
30	$\mathcal{O}(0; \{30, 15^2, 6, 5, 3^4, 2^2\})$	4472
30	$\mathcal{O}(0; \{30, 15^2, 6^2, 5, 3^2, 2^3\})$	2184
30	$\mathcal{O}(0; \{30, 15^2, 6^3, 5, 2^4\})$	1144
30	$\mathcal{O}(0; \{30, 15^2, 6^3, 5, 3^3\})$	8840
30	$\mathcal{O}(0; \{30, 15^2, 6^4, 5, 3, 2\})$	4472
30	$\mathcal{O}(0; \{30, 15^2, 10, 5^3, 2^4\})$	6552
30	$\mathcal{O}(0; \{30, 15^2, 10, 5^3, 3^3\})$	72072
30	$\mathcal{O}(0; \{30, 15^2, 10, 6, 5^3, 3, 2\})$	32760
30	$\mathcal{O}(0; \{30, 15^2, 10^2, 2^7\})$	408
30	$\mathcal{O}(0; \{30, 15^2, 10^2, 3^3, 2^3\})$	4488
30	$\mathcal{O}(0; \{30, 15^2, 10^2, 6, 3, 2^4\})$	2040
30	$\mathcal{O}(0; \{30, 15^2, 10^2, 6, 3^4\})$	17544
30	$\mathcal{O}(0; \{30, 15^2, 10^2, 6^2, 3^2, 2\})$	8568
30	$\mathcal{O}(0; \{30, 15^2, 10^2, 6^3, 2^2\})$	4488
30	$\mathcal{O}(0; \{30, 15^2, 10^3, 5^2, 2^2\})$	26216
30	$\mathcal{O}(0; \{30, 15^2, 10^5, 5\})$	104856

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30, 15^3, 5^4, 3, 2\})$	131080
30	$\mathcal{O}(0; \{30, 15^3, 10, 5, 3, 2^4\})$	8200
30	$\mathcal{O}(0; \{30, 15^3, 10, 5, 3^4\})$	70520
30	$\mathcal{O}(0; \{30, 15^3, 10, 6, 5, 3^2, 2\})$	34440
30	$\mathcal{O}(0; \{30, 15^3, 10, 6^2, 5, 2^2\})$	18040
30	$\mathcal{O}(0; \{30, 15^3, 10^3, 3, 2^2\})$	32760
30	$\mathcal{O}(0; \{30, 15^3, 10^3, 6^2\})$	72072
30	$\mathcal{O}(0; \{30, 15^4, 5^2, 3^2, 2\})$	137592
30	$\mathcal{O}(0; \{30, 15^4, 6, 5^2, 2^2\})$	72072
30	$\mathcal{O}(0; \{30, 15^4, 10^2, 6, 5\})$	288376
30	$\mathcal{O}(0; \{30, 15^5, 2^5\})$	18040
30	$\mathcal{O}(0; \{30, 15^5, 3^3, 2\})$	139400
30	$\mathcal{O}(0; \{30, 15^5, 6, 3, 2^2\})$	70520
30	$\mathcal{O}(0; \{30, 15^5, 6^3\})$	139400
30	$\mathcal{O}(0; \{30, 15^5, 10, 5^2\})$	1153416
30	$\mathcal{O}(0; \{30, 15^6, 10, 3\})$	1127288
30	$\mathcal{O}(0; \{30^2, 5^4, 2^6\})$	1640
30	$\mathcal{O}(0; \{30^2, 5^4, 3^3, 2^2\})$	8200
30	$\mathcal{O}(0; \{30^2, 6, 5^4, 3, 2^3\})$	4920
30	$\mathcal{O}(0; \{30^2, 6^2, 5^4, 3^2\})$	18040
30	$\mathcal{O}(0; \{30^2, 6^3, 5^4, 2\})$	8200
30	$\mathcal{O}(0; \{30^2, 10, 5, 2^9\})$	104
30	$\mathcal{O}(0; \{30^2, 10, 5, 3^3, 2^5\})$	520
30	$\mathcal{O}(0; \{30^2, 10, 5, 3^6, 2\})$	4472
30	$\mathcal{O}(0; \{30^2, 10, 5^6, 2\})$	104856
30	$\mathcal{O}(0; \{30^2, 10, 6, 5, 3, 2^6\})$	312
30	$\mathcal{O}(0; \{30^2, 10, 6, 5, 3^4, 2^2\})$	2184
30	$\mathcal{O}(0; \{30^2, 10, 6^2, 5, 3^2, 2^3\})$	1144
30	$\mathcal{O}(0; \{30^2, 10, 6^3, 5, 2^4\})$	520
30	$\mathcal{O}(0; \{30^2, 10, 6^3, 5, 3^3\})$	4472
30	$\mathcal{O}(0; \{30^2, 10, 6^4, 5, 3, 2\})$	2184
30	$\mathcal{O}(0; \{30^2, 10^2, 5^3, 2^4\})$	6552
30	$\mathcal{O}(0; \{30^2, 10^2, 5^3, 3^3\})$	32760
30	$\mathcal{O}(0; \{30^2, 10^2, 6, 5^3, 3, 2\})$	19656
30	$\mathcal{O}(0; \{30^2, 10^3, 2^7\})$	408
30	$\mathcal{O}(0; \{30^2, 10^3, 3^3, 2^3\})$	2040
30	$\mathcal{O}(0; \{30^2, 10^3, 6, 3, 2^4\})$	1224
30	$\mathcal{O}(0; \{30^2, 10^3, 6, 3^4\})$	8568
30	$\mathcal{O}(0; \{30^2, 10^3, 6^2, 3^2, 2\})$	4488
30	$\mathcal{O}(0; \{30^2, 10^3, 6^3, 2^2\})$	2040
30	$\mathcal{O}(0; \{30^2, 10^4, 5^2, 2^2\})$	26216
30	$\mathcal{O}(0; \{30^2, 10^6, 5\})$	104856
30	$\mathcal{O}(0; \{30^2, 15, 5^2, 3, 2^6\})$	1224

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30^2, 15, 5^2, 3^4, 2^2\})$	8568
30	$\mathcal{O}(0; \{30^2, 15, 6, 5^2, 3^2, 2^3\})$	4488
30	$\mathcal{O}(0; \{30^2, 15, 6^2, 5^2, 2^4\})$	2040
30	$\mathcal{O}(0; \{30^2, 15, 6^2, 5^2, 3^3\})$	17544
30	$\mathcal{O}(0; \{30^2, 15, 6^3, 5^2, 3, 2\})$	8568
30	$\mathcal{O}(0; \{30^2, 15, 10, 5^4, 3, 2\})$	78648
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 5, 3, 2^4\})$	4920
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 5, 3^4\})$	34440
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 6, 5, 3^2, 2\})$	18040
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 6^2, 5, 2^2\})$	8200
30	$\mathcal{O}(0; \{30^2, 15, 10^4, 3, 2^2\})$	19656
30	$\mathcal{O}(0; \{30^2, 15, 10^4, 6^2\})$	32760
30	$\mathcal{O}(0; \{30^2, 15^2, 3^2, 2^6\})$	1144
30	$\mathcal{O}(0; \{30^2, 15^2, 3^5, 2^2\})$	8840
30	$\mathcal{O}(0; \{30^2, 15^2, 6, 2^7\})$	520
30	$\mathcal{O}(0; \{30^2, 15^2, 6, 3^3, 2^3\})$	4472
30	$\mathcal{O}(0; \{30^2, 15^2, 6^2, 3, 2^4\})$	2184
30	$\mathcal{O}(0; \{30^2, 15^2, 6^2, 3^4\})$	17784
30	$\mathcal{O}(0; \{30^2, 15^2, 6^3, 3^2, 2\})$	8840
30	$\mathcal{O}(0; \{30^2, 15^2, 6^4, 2^2\})$	4472
30	$\mathcal{O}(0; \{30^2, 15^2, 10, 5^2, 3^2, 2\})$	72072
30	$\mathcal{O}(0; \{30^2, 15^2, 10, 6, 5^2, 2^2\})$	32760
30	$\mathcal{O}(0; \{30^2, 15^2, 10^3, 6, 5\})$	131080
30	$\mathcal{O}(0; \{30^2, 15^3, 5^3, 2^2\})$	131080
30	$\mathcal{O}(0; \{30^2, 15^3, 10, 2^3\})$	8200
30	$\mathcal{O}(0; \{30^2, 15^3, 10, 3^3, 2\})$	70520
30	$\mathcal{O}(0; \{30^2, 15^3, 10, 6, 3, 2^2\})$	34440
30	$\mathcal{O}(0; \{30^2, 15^3, 10, 6^3\})$	70520
30	$\mathcal{O}(0; \{30^2, 15^3, 10^2, 5^2\})$	524280
30	$\mathcal{O}(0; \{30^2, 15^4, 5, 3, 2^2\})$	137592
30	$\mathcal{O}(0; \{30^2, 15^4, 6^2, 5\})$	281736
30	$\mathcal{O}(0; \{30^2, 15^4, 10^2, 3\})$	550536
30	$\mathcal{O}(0; \{30^3, 5^3, 3^2, 2^3\})$	8200
30	$\mathcal{O}(0; \{30^3, 6, 5^3, 2^4\})$	4920
30	$\mathcal{O}(0; \{30^3, 6, 5^3, 3^3\})$	34440
30	$\mathcal{O}(0; \{30^3, 6^2, 5^3, 3, 2\})$	18040
30	$\mathcal{O}(0; \{30^3, 10, 3^2, 2^6\})$	520
30	$\mathcal{O}(0; \{30^3, 10, 3^5, 2^2\})$	4472
30	$\mathcal{O}(0; \{30^3, 10, 6, 2^7\})$	312
30	$\mathcal{O}(0; \{30^3, 10, 6, 3^3, 2^3\})$	2184
30	$\mathcal{O}(0; \{30^3, 10, 6^2, 3, 2^4\})$	1144
30	$\mathcal{O}(0; \{30^3, 10, 6^2, 3^4\})$	8840
30	$\mathcal{O}(0; \{30^3, 10, 6^3, 3^2, 2\})$	4472

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30^3, 10, 6^4, 2^2\})$	2184
30	$\mathcal{O}(0; \{30^3, 10^2, 5^2, 3^2, 2\})$	32760
30	$\mathcal{O}(0; \{30^3, 10^2, 6, 5^2, 2^2\})$	19656
30	$\mathcal{O}(0; \{30^3, 10^4, 6, 5\})$	78648
30	$\mathcal{O}(0; \{30^3, 15, 5, 2^7\})$	1224
30	$\mathcal{O}(0; \{30^3, 15, 5, 3^3, 2^3\})$	8568
30	$\mathcal{O}(0; \{30^3, 15, 6, 5, 3, 2^4\})$	4488
30	$\mathcal{O}(0; \{30^3, 15, 6, 5, 3^4\})$	34680
30	$\mathcal{O}(0; \{30^3, 15, 6^2, 5, 3^2, 2\})$	17544
30	$\mathcal{O}(0; \{30^3, 15, 6^3, 5, 2^2\})$	8568
30	$\mathcal{O}(0; \{30^3, 15, 10, 5^3, 2^2\})$	78648
30	$\mathcal{O}(0; \{30^3, 15, 10^2, 2^5\})$	4920
30	$\mathcal{O}(0; \{30^3, 15, 10^2, 3^3, 2\})$	34440
30	$\mathcal{O}(0; \{30^3, 15, 10^2, 6, 3, 2^2\})$	18040
30	$\mathcal{O}(0; \{30^3, 15, 10^2, 6^3\})$	34440
30	$\mathcal{O}(0; \{30^3, 15, 10^3, 5^2\})$	314568
30	$\mathcal{O}(0; \{30^3, 15^2, 10, 5, 3, 2^2\})$	72072
30	$\mathcal{O}(0; \{30^3, 15^2, 10, 6^2, 5\})$	137592
30	$\mathcal{O}(0; \{30^3, 15^2, 10^3, 3\})$	288376
30	$\mathcal{O}(0; \{30^3, 15^3, 6, 5^2\})$	550536
30	$\mathcal{O}(0; \{30^3, 15^4, 2^3\})$	137592
30	$\mathcal{O}(0; \{30^3, 15^4, 6, 3\})$	556920
30	$\mathcal{O}(0; \{30^4, 5^2, 3, 2^4\})$	8200
30	$\mathcal{O}(0; \{30^4, 5^2, 3^4\})$	70520
30	$\mathcal{O}(0; \{30^4, 6, 5^2, 3^2, 2\})$	34440
30	$\mathcal{O}(0; \{30^4, 6^2, 5^2, 2^2\})$	18040
30	$\mathcal{O}(0; \{30^4, 10^2, 5, 3, 2^2\})$	32760
30	$\mathcal{O}(0; \{30^4, 10^2, 6^2, 5\})$	72072
30	$\mathcal{O}(0; \{30^4, 10^4, 3\})$	131080
30	$\mathcal{O}(0; \{30^4, 15, 3^2, 2^4\})$	8568
30	$\mathcal{O}(0; \{30^4, 15, 3^5\})$	69768
30	$\mathcal{O}(0; \{30^4, 15, 6, 2^5\})$	4488
30	$\mathcal{O}(0; \{30^4, 15, 6, 3^3, 2\})$	34680
30	$\mathcal{O}(0; \{30^4, 15, 6^2, 3, 2^2\})$	17544
30	$\mathcal{O}(0; \{30^4, 15, 6^4\})$	34680
30	$\mathcal{O}(0; \{30^4, 15, 10, 6, 5^2\})$	288376
30	$\mathcal{O}(0; \{30^4, 15^2, 5^3\})$	1153416
30	$\mathcal{O}(0; \{30^4, 15^2, 10, 2^3\})$	72072
30	$\mathcal{O}(0; \{30^4, 15^2, 10, 6, 3\})$	281736
30	$\mathcal{O}(0; \{30^4, 15^3, 5, 3\})$	1127288
30	$\mathcal{O}(0; \{30^5, 5, 2^5\})$	8200
30	$\mathcal{O}(0; \{30^5, 5, 3^3, 2\})$	70520
30	$\mathcal{O}(0; \{30^5, 6, 5, 3, 2^2\})$	34440

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30^5, 6^3, 5\})$	70520
30	$\mathcal{O}(0; \{30^5, 10, 5^3\})$	524280
30	$\mathcal{O}(0; \{30^5, 10^2, 2^3\})$	32760
30	$\mathcal{O}(0; \{30^5, 10^2, 6, 3\})$	137592
30	$\mathcal{O}(0; \{30^5, 15, 10, 5, 3\})$	550536
30	$\mathcal{O}(0; \{30^5, 15^3, 2\})$	1127288
30	$\mathcal{O}(0; \{30^6, 3^2, 2^2\})$	70520
30	$\mathcal{O}(0; \{30^6, 6, 2^3\})$	34440
30	$\mathcal{O}(0; \{30^6, 6^2, 3\})$	139400
30	$\mathcal{O}(0; \{30^6, 15, 10, 2\})$	550536
31	$\mathcal{O}(3; \{31^2\})$	26625110430
32	$\mathcal{O}(3; \{8^2\})$	4227858432
32	$\mathcal{O}(2; \{8^2, 2^4\})$	3932160
32	$\mathcal{O}(2; \{8^2, 4^2, 2\})$	15728640
32	$\mathcal{O}(2; \{16^2, 8, 2^2\})$	31457280
32	$\mathcal{O}(2; \{16^4\})$	503316480
32	$\mathcal{O}(2; \{32^2, 16, 8\})$	536870912
32	$\mathcal{O}(1; \{8^2, 2^8\})$	3072
32	$\mathcal{O}(1; \{8^2, 4^2, 2^5\})$	12288
32	$\mathcal{O}(1; \{8^2, 4^4, 2^2\})$	49152
32	$\mathcal{O}(1; \{8^4, 4, 2^3\})$	98304
32	$\mathcal{O}(1; \{8^4, 4^3\})$	393216
32	$\mathcal{O}(1; \{8^6, 2\})$	786432
32	$\mathcal{O}(1; \{16^2, 8, 2^6\})$	24576
32	$\mathcal{O}(1; \{16^2, 8, 4^2, 2^3\})$	98304
32	$\mathcal{O}(1; \{16^2, 8, 4^4\})$	393216
32	$\mathcal{O}(1; \{16^2, 8^3, 4, 2\})$	786432
32	$\mathcal{O}(1; \{16^4, 2^4\})$	393216
32	$\mathcal{O}(1; \{16^4, 4^2, 2\})$	1572864
32	$\mathcal{O}(1; \{32^2, 16, 8, 2^4\})$	524288
32	$\mathcal{O}(1; \{32^2, 16, 8, 4^2, 2\})$	2097152
32	$\mathcal{O}(1; \{32^2, 16^3, 2^2\})$	8388608
32	$\mathcal{O}(1; \{32^4, 8, 2^2\})$	16777216
32	$\mathcal{O}(1; \{32^4, 16^2\})$	268435456
32	$\mathcal{O}(0; \{32^2, 16, 8, 2^8\})$	512
32	$\mathcal{O}(0; \{32^2, 16, 8, 4^2, 2^5\})$	2048
32	$\mathcal{O}(0; \{32^2, 16, 8, 4^4, 2^2\})$	8192
32	$\mathcal{O}(0; \{32^2, 16, 8^3, 4, 2^3\})$	16384
32	$\mathcal{O}(0; \{32^2, 16, 8^3, 4^3\})$	65536
32	$\mathcal{O}(0; \{32^2, 16, 8^5, 2\})$	131072
32	$\mathcal{O}(0; \{32^2, 16^3, 2^6\})$	8192
32	$\mathcal{O}(0; \{32^2, 16^3, 4^2, 2^3\})$	32768
32	$\mathcal{O}(0; \{32^2, 16^3, 4^4\})$	131072

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
32	$\mathcal{O}(0; \{32^2, 16^3, 8^2, 4, 2\})$	262144
32	$\mathcal{O}(0; \{32^4, 8, 2^6\})$	16384
32	$\mathcal{O}(0; \{32^4, 8, 4^2, 2^3\})$	65536
32	$\mathcal{O}(0; \{32^4, 8, 4^4\})$	262144
32	$\mathcal{O}(0; \{32^4, 8^3, 4, 2\})$	524288
32	$\mathcal{O}(0; \{32^4, 16^2, 2^4\})$	262144
32	$\mathcal{O}(0; \{32^4, 16^2, 4^2, 2\})$	1048576
32	$\mathcal{O}(0; \{32^6, 16, 2^2\})$	8388608
32	$\mathcal{O}(0; \{32^8\})$	268435456
33	$\mathcal{O}(2; \{33^3, 3\})$	640397340
33	$\mathcal{O}(1; \{33^2, 11^4\})$	198001980
33	$\mathcal{O}(1; \{33^3, 3^4\})$	4116420
33	$\mathcal{O}(0; \{33^2, 11^4, 3^3\})$	909100
33	$\mathcal{O}(0; \{33^3, 3^7\})$	30780
33	$\mathcal{O}(0; \{33^5, 11^3\})$	90909100
34	$\mathcal{O}(2; \{34, 17, 2^3\})$	21381376
34	$\mathcal{O}(2; \{34^3, 2\})$	320720640
34	$\mathcal{O}(1; \{34, 17, 2^7\})$	18496
34	$\mathcal{O}(1; \{34^3, 2^5\})$	277440
34	$\mathcal{O}(0; \{34, 17, 2^{11}\})$	16
34	$\mathcal{O}(0; \{34^3, 2^9\})$	240
35	$\mathcal{O}(1; \{35^2, 7^2, 5^2\})$	11848200
35	$\mathcal{O}(0; \{35^4, 7^3, 5\})$	8157960
35	$\mathcal{O}(0; \{35^5, 5^3\})$	14549880
36	$\mathcal{O}(2; \{9^2, 3^2\})$	37791360
36	$\mathcal{O}(2; \{9^2, 6, 2\})$	18895680
36	$\mathcal{O}(2; \{36, 9, 4, 2\})$	20155392
36	$\mathcal{O}(2; \{36^2, 3, 2\})$	40310784
36	$\mathcal{O}(1; \{9^2, 3^2, 2^4\})$	23328
36	$\mathcal{O}(1; \{9^2, 3^5\})$	186624
36	$\mathcal{O}(1; \{9^2, 4^2, 3^2, 2\})$	62208
36	$\mathcal{O}(1; \{9^2, 6, 2^5\})$	11664
36	$\mathcal{O}(1; \{9^2, 6, 3^3, 2\})$	93312
36	$\mathcal{O}(1; \{9^2, 6, 4^2, 2^2\})$	31104
36	$\mathcal{O}(1; \{9^2, 6^2, 3, 2^2\})$	46656
36	$\mathcal{O}(1; \{9^2, 6^4\})$	93312
36	$\mathcal{O}(1; \{9^5, 3\})$	1574640
36	$\mathcal{O}(1; \{12, 9^2, 4, 3, 2^2\})$	62208
36	$\mathcal{O}(1; \{12, 9^2, 6^2, 4\})$	124416
36	$\mathcal{O}(1; \{12^2, 9^2, 2^3\})$	62208
36	$\mathcal{O}(1; \{12^2, 9^2, 4^2\})$	248832
36	$\mathcal{O}(1; \{12^2, 9^2, 6, 3\})$	248832
36	$\mathcal{O}(1; \{18, 9^3, 2^3\})$	157464

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(1; \{18, 9^3, 4^2\})$	419904
36	$\mathcal{O}(1; \{18, 9^3, 6, 3\})$	629856
36	$\mathcal{O}(1; \{18^2, 9, 3^2, 2^2\})$	69984
36	$\mathcal{O}(1; \{18^2, 9, 6, 2^3\})$	34992
36	$\mathcal{O}(1; \{18^2, 9, 6, 4^2\})$	93312
36	$\mathcal{O}(1; \{18^2, 9, 6^2, 3\})$	139968
36	$\mathcal{O}(1; \{18^2, 12, 9, 4, 3\})$	186624
36	$\mathcal{O}(1; \{18^2, 12^2, 9, 2\})$	186624
36	$\mathcal{O}(1; \{18^3, 9^2, 2\})$	787320
36	$\mathcal{O}(1; \{18^4, 3^2\})$	629856
36	$\mathcal{O}(1; \{18^4, 6, 2\})$	314928
36	$\mathcal{O}(1; \{36, 9, 4, 2^5\})$	15552
36	$\mathcal{O}(1; \{36, 9, 4, 3^3, 2\})$	124416
36	$\mathcal{O}(1; \{36, 9, 4^3, 2^2\})$	62208
36	$\mathcal{O}(1; \{36, 9, 6, 4, 3, 2^2\})$	62208
36	$\mathcal{O}(1; \{36, 9, 6^3, 4\})$	124416
36	$\mathcal{O}(1; \{36, 12, 9, 3^2, 2^2\})$	124416
36	$\mathcal{O}(1; \{36, 12, 9, 6, 2^3\})$	62208
36	$\mathcal{O}(1; \{36, 12, 9, 6, 4^2\})$	248832
36	$\mathcal{O}(1; \{36, 12, 9, 6^2, 3\})$	248832
36	$\mathcal{O}(1; \{36, 12^2, 9, 4, 3\})$	497664
36	$\mathcal{O}(1; \{36, 12^3, 9, 2\})$	497664
36	$\mathcal{O}(1; \{36, 18, 9^2, 4, 3\})$	839808
36	$\mathcal{O}(1; \{36, 18, 12, 9^2, 2\})$	839808
36	$\mathcal{O}(1; \{36, 18^2, 4, 2^3\})$	46656
36	$\mathcal{O}(1; \{36, 18^2, 4^3\})$	186624
36	$\mathcal{O}(1; \{36, 18^2, 6, 4, 3\})$	186624
36	$\mathcal{O}(1; \{36, 18^2, 12, 3^2\})$	373248
36	$\mathcal{O}(1; \{36, 18^2, 12, 6, 2\})$	186624
36	$\mathcal{O}(1; \{36^2, 3, 2^5\})$	31104
36	$\mathcal{O}(1; \{36^2, 3^4, 2\})$	248832
36	$\mathcal{O}(1; \{36^2, 4^2, 3, 2^2\})$	124416
36	$\mathcal{O}(1; \{36^2, 6, 3^2, 2^2\})$	124416
36	$\mathcal{O}(1; \{36^2, 6^2, 2^3\})$	62208
36	$\mathcal{O}(1; \{36^2, 6^2, 4^2\})$	248832
36	$\mathcal{O}(1; \{36^2, 6^3, 3\})$	248832
36	$\mathcal{O}(1; \{36^2, 9^3, 2\})$	2099520
36	$\mathcal{O}(1; \{36^2, 12, 4, 2^3\})$	124416
36	$\mathcal{O}(1; \{36^2, 12, 4^3\})$	497664
36	$\mathcal{O}(1; \{36^2, 12, 6, 4, 3\})$	497664
36	$\mathcal{O}(1; \{36^2, 12^2, 3^2\})$	995328
36	$\mathcal{O}(1; \{36^2, 12^2, 6, 2\})$	497664
36	$\mathcal{O}(1; \{36^2, 18, 9, 3^2\})$	1679616

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(1; \{36^2, 18, 9, 6, 2\})$	839808
36	$\mathcal{O}(1; \{36^3, 18, 4, 2\})$	1679616
36	$\mathcal{O}(0; \{9^2, 4^2, 3^2, 2^5\})$	48
36	$\mathcal{O}(0; \{9^2, 4^2, 3^5, 2\})$	384
36	$\mathcal{O}(0; \{9^2, 4^4, 3^2, 2^2\})$	192
36	$\mathcal{O}(0; \{9^2, 6, 4^2, 2^6\})$	24
36	$\mathcal{O}(0; \{9^2, 6, 4^2, 3^3, 2^2\})$	192
36	$\mathcal{O}(0; \{9^2, 6, 4^4, 2^3\})$	96
36	$\mathcal{O}(0; \{9^2, 6, 4^6\})$	384
36	$\mathcal{O}(0; \{9^2, 6^2, 4^2, 3, 2^3\})$	96
36	$\mathcal{O}(0; \{9^2, 6^2, 4^4, 3\})$	384
36	$\mathcal{O}(0; \{9^2, 6^3, 4^2, 3^2\})$	384
36	$\mathcal{O}(0; \{9^2, 6^4, 4^2, 2\})$	192
36	$\mathcal{O}(0; \{9^5, 4^2, 3, 2\})$	3240
36	$\mathcal{O}(0; \{12, 9^2, 4, 3, 2^6\})$	48
36	$\mathcal{O}(0; \{12, 9^2, 4, 3^4, 2^2\})$	384
36	$\mathcal{O}(0; \{12, 9^2, 4^3, 3, 2^3\})$	192
36	$\mathcal{O}(0; \{12, 9^2, 4^5, 3\})$	768
36	$\mathcal{O}(0; \{12, 9^2, 6, 4, 3^2, 2^3\})$	192
36	$\mathcal{O}(0; \{12, 9^2, 6, 4^3, 3^2\})$	768
36	$\mathcal{O}(0; \{12, 9^2, 6^2, 4, 2^4\})$	96
36	$\mathcal{O}(0; \{12, 9^2, 6^2, 4, 3^3\})$	768
36	$\mathcal{O}(0; \{12, 9^2, 6^2, 4^3, 2\})$	384
36	$\mathcal{O}(0; \{12, 9^2, 6^3, 4, 3, 2\})$	384
36	$\mathcal{O}(0; \{12, 9^5, 4, 2^2\})$	3240
36	$\mathcal{O}(0; \{12^2, 9^2, 2^7\})$	48
36	$\mathcal{O}(0; \{12^2, 9^2, 3^3, 2^3\})$	384
36	$\mathcal{O}(0; \{12^2, 9^2, 4^2, 2^4\})$	192
36	$\mathcal{O}(0; \{12^2, 9^2, 4^2, 3^3\})$	1536
36	$\mathcal{O}(0; \{12^2, 9^2, 4^4, 2\})$	768
36	$\mathcal{O}(0; \{12^2, 9^2, 6, 3, 2^4\})$	192
36	$\mathcal{O}(0; \{12^2, 9^2, 6, 3^4\})$	1536
36	$\mathcal{O}(0; \{12^2, 9^2, 6, 4^2, 3, 2\})$	768
36	$\mathcal{O}(0; \{12^2, 9^2, 6^2, 3^2, 2\})$	768
36	$\mathcal{O}(0; \{12^2, 9^2, 6^3, 2^2\})$	384
36	$\mathcal{O}(0; \{12^2, 9^5, 6\})$	12960
36	$\mathcal{O}(0; \{12^3, 9^2, 4, 3^2, 2\})$	1536
36	$\mathcal{O}(0; \{12^3, 9^2, 6, 4, 2^2\})$	768
36	$\mathcal{O}(0; \{12^4, 9^2, 3, 2^2\})$	1536
36	$\mathcal{O}(0; \{12^4, 9^2, 6^2\})$	3072
36	$\mathcal{O}(0; \{12^5, 9^2, 4\})$	6144
36	$\mathcal{O}(0; \{18, 9^3, 4^2, 2^4\})$	324
36	$\mathcal{O}(0; \{18, 9^3, 4^2, 3^3\})$	2592

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{18, 9^3, 4^4, 2\})$	1296
36	$\mathcal{O}(0; \{18, 9^3, 6, 4^2, 3, 2\})$	1296
36	$\mathcal{O}(0; \{18, 12, 9^3, 4, 3^2, 2\})$	2592
36	$\mathcal{O}(0; \{18, 12, 9^3, 6, 4, 2^2\})$	1296
36	$\mathcal{O}(0; \{18, 12^2, 9^3, 3, 2^2\})$	2592
36	$\mathcal{O}(0; \{18, 12^2, 9^3, 6^2\})$	5184
36	$\mathcal{O}(0; \{18, 12^3, 9^3, 4\})$	10368
36	$\mathcal{O}(0; \{18^2, 9, 4^2, 3^2, 2^3\})$	144
36	$\mathcal{O}(0; \{18^2, 9, 4^4, 3^2\})$	576
36	$\mathcal{O}(0; \{18^2, 9, 6, 4^2, 2^4\})$	72
36	$\mathcal{O}(0; \{18^2, 9, 6, 4^2, 3^3\})$	576
36	$\mathcal{O}(0; \{18^2, 9, 6, 4^4, 2\})$	288
36	$\mathcal{O}(0; \{18^2, 9, 6^2, 4^2, 3, 2\})$	288
36	$\mathcal{O}(0; \{18^2, 12, 9, 4, 3, 2^4\})$	144
36	$\mathcal{O}(0; \{18^2, 12, 9, 4, 3^4\})$	1152
36	$\mathcal{O}(0; \{18^2, 12, 9, 4^3, 3, 2\})$	576
36	$\mathcal{O}(0; \{18^2, 12, 9, 6, 4, 3^2, 2\})$	576
36	$\mathcal{O}(0; \{18^2, 12, 9, 6^2, 4, 2^2\})$	288
36	$\mathcal{O}(0; \{18^2, 12, 9^4, 4\})$	21384
36	$\mathcal{O}(0; \{18^2, 12^2, 9, 2^5\})$	144
36	$\mathcal{O}(0; \{18^2, 12^2, 9, 3^3, 2\})$	1152
36	$\mathcal{O}(0; \{18^2, 12^2, 9, 4^2, 2^2\})$	576
36	$\mathcal{O}(0; \{18^2, 12^2, 9, 6, 3, 2^2\})$	576
36	$\mathcal{O}(0; \{18^2, 12^2, 9, 6^3\})$	1152
36	$\mathcal{O}(0; \{18^2, 12^3, 9, 6, 4\})$	2304
36	$\mathcal{O}(0; \{18^2, 12^4, 9, 3\})$	4608
36	$\mathcal{O}(0; \{18^3, 9^2, 4^2, 2^2\})$	1620
36	$\mathcal{O}(0; \{18^3, 12, 9^2, 6, 4\})$	6480
36	$\mathcal{O}(0; \{18^3, 12^2, 9^2, 3\})$	12960
36	$\mathcal{O}(0; \{18^4, 4^2, 3^2, 2\})$	1296
36	$\mathcal{O}(0; \{18^4, 6, 4^2, 2^2\})$	648
36	$\mathcal{O}(0; \{18^4, 12, 4, 3, 2^2\})$	1296
36	$\mathcal{O}(0; \{18^4, 12, 6^2, 4\})$	2592
36	$\mathcal{O}(0; \{18^4, 12^2, 2^3\})$	1296
36	$\mathcal{O}(0; \{18^4, 12^2, 4^2\})$	5184
36	$\mathcal{O}(0; \{18^4, 12^2, 6, 3\})$	5184
36	$\mathcal{O}(0; \{18^5, 9, 4^2\})$	10692
36	$\mathcal{O}(0; \{36, 9, 4, 2^9\})$	12
36	$\mathcal{O}(0; \{36, 9, 4, 3^3, 2^5\})$	96
36	$\mathcal{O}(0; \{36, 9, 4, 3^6, 2\})$	768
36	$\mathcal{O}(0; \{36, 9, 4^3, 2^6\})$	48
36	$\mathcal{O}(0; \{36, 9, 4^3, 3^3, 2^2\})$	384
36	$\mathcal{O}(0; \{36, 9, 4^5, 2^3\})$	192

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36, 9, 4^7\})$	768
36	$\mathcal{O}(0; \{36, 9, 6, 4, 3, 2^6\})$	48
36	$\mathcal{O}(0; \{36, 9, 6, 4, 3^4, 2^2\})$	384
36	$\mathcal{O}(0; \{36, 9, 6, 4^3, 3, 2^3\})$	192
36	$\mathcal{O}(0; \{36, 9, 6, 4^5, 3\})$	768
36	$\mathcal{O}(0; \{36, 9, 6^2, 4, 3^2, 2^3\})$	192
36	$\mathcal{O}(0; \{36, 9, 6^2, 4^3, 3^2\})$	768
36	$\mathcal{O}(0; \{36, 9, 6^3, 4, 2^4\})$	96
36	$\mathcal{O}(0; \{36, 9, 6^3, 4, 3^3\})$	768
36	$\mathcal{O}(0; \{36, 9, 6^3, 4^3, 2\})$	384
36	$\mathcal{O}(0; \{36, 9, 6^4, 4, 3, 2\})$	384
36	$\mathcal{O}(0; \{36, 9^4, 4, 3^2, 2\})$	6480
36	$\mathcal{O}(0; \{36, 9^4, 6, 4, 2^2\})$	3240
36	$\mathcal{O}(0; \{36, 12, 9, 3^2, 2^6\})$	96
36	$\mathcal{O}(0; \{36, 12, 9, 3^5, 2^2\})$	768
36	$\mathcal{O}(0; \{36, 12, 9, 4^2, 3^2, 2^3\})$	384
36	$\mathcal{O}(0; \{36, 12, 9, 4^4, 3^2\})$	1536
36	$\mathcal{O}(0; \{36, 12, 9, 6, 2^7\})$	48
36	$\mathcal{O}(0; \{36, 12, 9, 6, 3^3, 2^3\})$	384
36	$\mathcal{O}(0; \{36, 12, 9, 6, 4^2, 2^4\})$	192
36	$\mathcal{O}(0; \{36, 12, 9, 6, 4^2, 3^3\})$	1536
36	$\mathcal{O}(0; \{36, 12, 9, 6, 4^4, 2\})$	768
36	$\mathcal{O}(0; \{36, 12, 9, 6^2, 3, 2^4\})$	192
36	$\mathcal{O}(0; \{36, 12, 9, 6^2, 3^4\})$	1536
36	$\mathcal{O}(0; \{36, 12, 9, 6^2, 4^2, 3, 2\})$	768
36	$\mathcal{O}(0; \{36, 12, 9, 6^3, 3^2, 2\})$	768
36	$\mathcal{O}(0; \{36, 12, 9, 6^4, 2^2\})$	384
36	$\mathcal{O}(0; \{36, 12, 9^4, 3, 2^2\})$	6480
36	$\mathcal{O}(0; \{36, 12, 9^4, 6^2\})$	12960
36	$\mathcal{O}(0; \{36, 12^2, 9, 4, 3, 2^4\})$	384
36	$\mathcal{O}(0; \{36, 12^2, 9, 4, 3^4\})$	3072
36	$\mathcal{O}(0; \{36, 12^2, 9, 4^3, 3, 2\})$	1536
36	$\mathcal{O}(0; \{36, 12^2, 9, 6, 4, 3^2, 2\})$	1536
36	$\mathcal{O}(0; \{36, 12^2, 9, 6^2, 4, 2^2\})$	768
36	$\mathcal{O}(0; \{36, 12^2, 9^4, 4\})$	25920
36	$\mathcal{O}(0; \{36, 12^3, 9, 2^5\})$	384
36	$\mathcal{O}(0; \{36, 12^3, 9, 3^3, 2\})$	3072
36	$\mathcal{O}(0; \{36, 12^3, 9, 4^2, 2^2\})$	1536
36	$\mathcal{O}(0; \{36, 12^3, 9, 6, 3, 2^2\})$	1536
36	$\mathcal{O}(0; \{36, 12^3, 9, 6^3\})$	3072
36	$\mathcal{O}(0; \{36, 12^4, 9, 6, 4\})$	6144
36	$\mathcal{O}(0; \{36, 12^5, 9, 3\})$	12288
36	$\mathcal{O}(0; \{36, 18, 9^2, 4, 3, 2^4\})$	648

Continued on next page

Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36, 18, 9^2, 4, 3^4\})$	5184
36	$\mathcal{O}(0; \{36, 18, 9^2, 4^3, 3, 2\})$	2592
36	$\mathcal{O}(0; \{36, 18, 9^2, 6, 4, 3^2, 2\})$	2592
36	$\mathcal{O}(0; \{36, 18, 9^2, 6^2, 4, 2^2\})$	1296
36	$\mathcal{O}(0; \{36, 18, 9^5, 4\})$	61236
36	$\mathcal{O}(0; \{36, 18, 12, 9^2, 2^5\})$	648
36	$\mathcal{O}(0; \{36, 18, 12, 9^2, 3^3, 2\})$	5184
36	$\mathcal{O}(0; \{36, 18, 12, 9^2, 4^2, 2^2\})$	2592
36	$\mathcal{O}(0; \{36, 18, 12, 9^2, 6, 3, 2^2\})$	2592
36	$\mathcal{O}(0; \{36, 18, 12, 9^2, 6^3\})$	5184
36	$\mathcal{O}(0; \{36, 18, 12^2, 9^2, 6, 4\})$	10368
36	$\mathcal{O}(0; \{36, 18, 12^3, 9^2, 3\})$	20736
36	$\mathcal{O}(0; \{36, 18^2, 4, 2^7\})$	36
36	$\mathcal{O}(0; \{36, 18^2, 4, 3^3, 2^3\})$	288
36	$\mathcal{O}(0; \{36, 18^2, 4^3, 2^4\})$	144
36	$\mathcal{O}(0; \{36, 18^2, 4^3, 3^3\})$	1152
36	$\mathcal{O}(0; \{36, 18^2, 4^5, 2\})$	576
36	$\mathcal{O}(0; \{36, 18^2, 6, 4, 3, 2^4\})$	144
36	$\mathcal{O}(0; \{36, 18^2, 6, 4, 3^4\})$	1152
36	$\mathcal{O}(0; \{36, 18^2, 6, 4^3, 3, 2\})$	576
36	$\mathcal{O}(0; \{36, 18^2, 6^2, 4, 3^2, 2\})$	576
36	$\mathcal{O}(0; \{36, 18^2, 6^3, 4, 2^2\})$	288
36	$\mathcal{O}(0; \{36, 18^2, 9^3, 6, 4\})$	21384
36	$\mathcal{O}(0; \{36, 18^2, 12, 3^2, 2^4\})$	288
36	$\mathcal{O}(0; \{36, 18^2, 12, 3^5\})$	2304
36	$\mathcal{O}(0; \{36, 18^2, 12, 4^2, 3^2, 2\})$	1152
36	$\mathcal{O}(0; \{36, 18^2, 12, 6, 2^5\})$	144
36	$\mathcal{O}(0; \{36, 18^2, 12, 6, 3^3, 2\})$	1152
36	$\mathcal{O}(0; \{36, 18^2, 12, 6, 4^2, 2^2\})$	576
36	$\mathcal{O}(0; \{36, 18^2, 12, 6^2, 3, 2^2\})$	576
36	$\mathcal{O}(0; \{36, 18^2, 12, 6^4\})$	1152
36	$\mathcal{O}(0; \{36, 18^2, 12, 9^3, 3\})$	42768
36	$\mathcal{O}(0; \{36, 18^2, 12^2, 4, 3, 2^2\})$	1152
36	$\mathcal{O}(0; \{36, 18^2, 12^2, 6^2, 4\})$	2304
36	$\mathcal{O}(0; \{36, 18^2, 12^3, 2^3\})$	1152
36	$\mathcal{O}(0; \{36, 18^2, 12^3, 4^2\})$	4608
36	$\mathcal{O}(0; \{36, 18^2, 12^3, 6, 3\})$	4608
36	$\mathcal{O}(0; \{36, 18^3, 9, 4, 3, 2^2\})$	3240
36	$\mathcal{O}(0; \{36, 18^3, 9, 6^2, 4\})$	6480
36	$\mathcal{O}(0; \{36, 18^3, 12, 9, 2^3\})$	3240
36	$\mathcal{O}(0; \{36, 18^3, 12, 9, 4^2\})$	12960
36	$\mathcal{O}(0; \{36, 18^3, 12, 9, 6, 3\})$	12960
36	$\mathcal{O}(0; \{36, 18^5, 4, 3\})$	21384

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36, 18^5, 12, 2\})$	21384
36	$\mathcal{O}(0; \{36^2, 3, 2^9\})$	24
36	$\mathcal{O}(0; \{36^2, 3^4, 2^5\})$	192
36	$\mathcal{O}(0; \{36^2, 3^7, 2\})$	1536
36	$\mathcal{O}(0; \{36^2, 4^2, 3, 2^6\})$	96
36	$\mathcal{O}(0; \{36^2, 4^2, 3^4, 2^2\})$	768
36	$\mathcal{O}(0; \{36^2, 4^4, 3, 2^3\})$	384
36	$\mathcal{O}(0; \{36^2, 4^6, 3\})$	1536
36	$\mathcal{O}(0; \{36^2, 6, 3^2, 2^6\})$	96
36	$\mathcal{O}(0; \{36^2, 6, 3^5, 2^2\})$	768
36	$\mathcal{O}(0; \{36^2, 6, 4^2, 3^2, 2^3\})$	384
36	$\mathcal{O}(0; \{36^2, 6, 4^4, 3^2\})$	1536
36	$\mathcal{O}(0; \{36^2, 6^2, 2^7\})$	48
36	$\mathcal{O}(0; \{36^2, 6^2, 3^3, 2^3\})$	384
36	$\mathcal{O}(0; \{36^2, 6^2, 4^2, 2^4\})$	192
36	$\mathcal{O}(0; \{36^2, 6^2, 4^2, 3^3\})$	1536
36	$\mathcal{O}(0; \{36^2, 6^2, 4^4, 2\})$	768
36	$\mathcal{O}(0; \{36^2, 6^3, 3, 2^4\})$	192
36	$\mathcal{O}(0; \{36^2, 6^3, 3^4\})$	1536
36	$\mathcal{O}(0; \{36^2, 6^3, 4^2, 3, 2\})$	768
36	$\mathcal{O}(0; \{36^2, 6^4, 3^2, 2\})$	768
36	$\mathcal{O}(0; \{36^2, 6^5, 2^2\})$	384
36	$\mathcal{O}(0; \{36^2, 9^3, 2^5\})$	1620
36	$\mathcal{O}(0; \{36^2, 9^3, 3^3, 2\})$	12960
36	$\mathcal{O}(0; \{36^2, 9^3, 4^2, 2^2\})$	6480
36	$\mathcal{O}(0; \{36^2, 9^3, 6, 3, 2^2\})$	6480
36	$\mathcal{O}(0; \{36^2, 9^3, 6^3\})$	12960
36	$\mathcal{O}(0; \{36^2, 12, 4, 2^7\})$	96
36	$\mathcal{O}(0; \{36^2, 12, 4, 3^3, 2^3\})$	768
36	$\mathcal{O}(0; \{36^2, 12, 4^3, 2^4\})$	384
36	$\mathcal{O}(0; \{36^2, 12, 4^3, 3^3\})$	3072
36	$\mathcal{O}(0; \{36^2, 12, 4^5, 2\})$	1536
36	$\mathcal{O}(0; \{36^2, 12, 6, 4, 3, 2^4\})$	384
36	$\mathcal{O}(0; \{36^2, 12, 6, 4, 3^4\})$	3072
36	$\mathcal{O}(0; \{36^2, 12, 6, 4^3, 3, 2\})$	1536
36	$\mathcal{O}(0; \{36^2, 12, 6^2, 4, 3^2, 2\})$	1536
36	$\mathcal{O}(0; \{36^2, 12, 6^3, 4, 2^2\})$	768
36	$\mathcal{O}(0; \{36^2, 12, 9^3, 6, 4\})$	25920
36	$\mathcal{O}(0; \{36^2, 12^2, 3^2, 2^4\})$	768
36	$\mathcal{O}(0; \{36^2, 12^2, 3^5\})$	6144
36	$\mathcal{O}(0; \{36^2, 12^2, 4^2, 3^2, 2\})$	3072
36	$\mathcal{O}(0; \{36^2, 12^2, 6, 2^5\})$	384
36	$\mathcal{O}(0; \{36^2, 12^2, 6, 3^3, 2\})$	3072

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36^2, 12^2, 6, 4^2, 2^2\})$	1536
36	$\mathcal{O}(0; \{36^2, 12^2, 6^2, 3, 2^2\})$	1536
36	$\mathcal{O}(0; \{36^2, 12^2, 6^4\})$	3072
36	$\mathcal{O}(0; \{36^2, 12^2, 9^3, 3\})$	51840
36	$\mathcal{O}(0; \{36^2, 12^3, 4, 3, 2^2\})$	3072
36	$\mathcal{O}(0; \{36^2, 12^3, 6^2, 4\})$	6144
36	$\mathcal{O}(0; \{36^2, 12^4, 2^3\})$	3072
36	$\mathcal{O}(0; \{36^2, 12^4, 4^2\})$	12288
36	$\mathcal{O}(0; \{36^2, 12^4, 6, 3\})$	12288
36	$\mathcal{O}(0; \{36^2, 18, 9, 3^2, 2^4\})$	1296
36	$\mathcal{O}(0; \{36^2, 18, 9, 3^5\})$	10368
36	$\mathcal{O}(0; \{36^2, 18, 9, 4^2, 3^2, 2\})$	5184
36	$\mathcal{O}(0; \{36^2, 18, 9, 6, 2^5\})$	648
36	$\mathcal{O}(0; \{36^2, 18, 9, 6, 3^3, 2\})$	5184
36	$\mathcal{O}(0; \{36^2, 18, 9, 6, 4^2, 2^2\})$	2592
36	$\mathcal{O}(0; \{36^2, 18, 9, 6^2, 3, 2^2\})$	2592
36	$\mathcal{O}(0; \{36^2, 18, 9, 6^4\})$	5184
36	$\mathcal{O}(0; \{36^2, 18, 9^4, 3\})$	122472
36	$\mathcal{O}(0; \{36^2, 18, 12, 9, 4, 3, 2^2\})$	5184
36	$\mathcal{O}(0; \{36^2, 18, 12, 9, 6^2, 4\})$	10368
36	$\mathcal{O}(0; \{36^2, 18, 12^2, 9, 2^3\})$	5184
36	$\mathcal{O}(0; \{36^2, 18, 12^2, 9, 4^2\})$	20736
36	$\mathcal{O}(0; \{36^2, 18, 12^2, 9, 6, 3\})$	20736
36	$\mathcal{O}(0; \{36^2, 18^2, 9^2, 2^3\})$	10692
36	$\mathcal{O}(0; \{36^2, 18^2, 9^2, 4^2\})$	42768
36	$\mathcal{O}(0; \{36^2, 18^2, 9^2, 6, 3\})$	42768
36	$\mathcal{O}(0; \{36^2, 18^3, 3^2, 2^2\})$	6480
36	$\mathcal{O}(0; \{36^2, 18^3, 6, 2^3\})$	3240
36	$\mathcal{O}(0; \{36^2, 18^3, 6, 4^2\})$	12960
36	$\mathcal{O}(0; \{36^2, 18^3, 6^2, 3\})$	12960
36	$\mathcal{O}(0; \{36^2, 18^3, 12, 4, 3\})$	25920
36	$\mathcal{O}(0; \{36^2, 18^3, 12^2, 2\})$	25920
36	$\mathcal{O}(0; \{36^2, 18^4, 9, 2\})$	61236
36	$\mathcal{O}(0; \{36^3, 9^2, 4, 3, 2^2\})$	12960
36	$\mathcal{O}(0; \{36^3, 9^2, 6^2, 4\})$	25920
36	$\mathcal{O}(0; \{36^3, 12, 9^2, 2^3\})$	12960
36	$\mathcal{O}(0; \{36^3, 12, 9^2, 4^2\})$	51840
36	$\mathcal{O}(0; \{36^3, 12, 9^2, 6, 3\})$	51840
36	$\mathcal{O}(0; \{36^3, 18, 4, 2^5\})$	1296
36	$\mathcal{O}(0; \{36^3, 18, 4, 3^3, 2\})$	10368
36	$\mathcal{O}(0; \{36^3, 18, 4^3, 2^2\})$	5184
36	$\mathcal{O}(0; \{36^3, 18, 6, 4, 3, 2^2\})$	5184
36	$\mathcal{O}(0; \{36^3, 18, 6^3, 4\})$	10368

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36^3, 18, 12, 3^2, 2^2\})$	10368
36	$\mathcal{O}(0; \{36^3, 18, 12, 6, 2^3\})$	5184
36	$\mathcal{O}(0; \{36^3, 18, 12, 6, 4^2\})$	20736
36	$\mathcal{O}(0; \{36^3, 18, 12, 6^2, 3\})$	20736
36	$\mathcal{O}(0; \{36^3, 18, 12^2, 4, 3\})$	41472
36	$\mathcal{O}(0; \{36^3, 18, 12^3, 2\})$	41472
36	$\mathcal{O}(0; \{36^3, 18^2, 9, 4, 3\})$	85536
36	$\mathcal{O}(0; \{36^3, 18^2, 12, 9, 2\})$	85536
36	$\mathcal{O}(0; \{36^4, 9, 3^2, 2^2\})$	25920
36	$\mathcal{O}(0; \{36^4, 9, 6, 2^3\})$	12960
36	$\mathcal{O}(0; \{36^4, 9, 6, 4^2\})$	51840
36	$\mathcal{O}(0; \{36^4, 9, 6^2, 3\})$	51840
36	$\mathcal{O}(0; \{36^4, 12, 9, 4, 3\})$	103680
36	$\mathcal{O}(0; \{36^4, 12^2, 9, 2\})$	103680
36	$\mathcal{O}(0; \{36^4, 18, 9^2, 2\})$	244944
36	$\mathcal{O}(0; \{36^4, 18^2, 3^2\})$	171072
36	$\mathcal{O}(0; \{36^4, 18^2, 6, 2\})$	85536
36	$\mathcal{O}(0; \{36^5, 4, 2^3\})$	25920
36	$\mathcal{O}(0; \{36^5, 4^3\})$	103680
36	$\mathcal{O}(0; \{36^5, 6, 4, 3\})$	103680
36	$\mathcal{O}(0; \{36^5, 12, 3^2\})$	207360
36	$\mathcal{O}(0; \{36^5, 12, 6, 2\})$	103680
38	$\mathcal{O}(2; \{19^3\})$	598173390
38	$\mathcal{O}(1; \{19^3, 2^4\})$	441864
38	$\mathcal{O}(1; \{38^2, 19^2, 2^2\})$	7979544
38	$\mathcal{O}(1; \{38^4, 19\})$	143605800
38	$\mathcal{O}(0; \{19^3, 2^8\})$	306
38	$\mathcal{O}(0; \{38^2, 19^2, 2^6\})$	5526
38	$\mathcal{O}(0; \{38^4, 19, 2^4\})$	99450
38	$\mathcal{O}(0; \{38^6, 2^2\})$	1790118
39	$\mathcal{O}(1; \{39^2, 13^3\})$	58223880
39	$\mathcal{O}(0; \{39^2, 13^3, 3^3\})$	191400
39	$\mathcal{O}(0; \{39^5, 13^2\})$	27562920
40	$\mathcal{O}(2; \{5^2, 2^2\})$	9600000
40	$\mathcal{O}(2; \{10^2, 5\})$	28800000
40	$\mathcal{O}(2; \{20, 10, 4\})$	19200000
40	$\mathcal{O}(1; \{5^2, 2^6\})$	4800
40	$\mathcal{O}(1; \{5^2, 4^2, 2^3\})$	9600
40	$\mathcal{O}(1; \{5^2, 4^4\})$	38400
40	$\mathcal{O}(1; \{8^2, 5^2, 4, 2\})$	51200
40	$\mathcal{O}(1; \{10, 5^4, 2\})$	244800
40	$\mathcal{O}(1; \{10^2, 5, 2^4\})$	14400
40	$\mathcal{O}(1; \{10^2, 5, 4^2, 2\})$	28800

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
40	$\mathcal{O}(1; \{10^4, 2^2\})$	62400
40	$\mathcal{O}(1; \{20, 5^3, 4, 2\})$	124800
40	$\mathcal{O}(1; \{20, 10, 4, 2^4\})$	9600
40	$\mathcal{O}(1; \{20, 10, 4^3, 2\})$	38400
40	$\mathcal{O}(1; \{20, 10, 8^2, 2^2\})$	51200
40	$\mathcal{O}(1; \{20^2, 10, 5, 2^2\})$	124800
40	$\mathcal{O}(1; \{20^2, 10^3\})$	489600
40	$\mathcal{O}(1; \{20^3, 4, 2^2\})$	115200
40	$\mathcal{O}(1; \{20^3, 8^2\})$	614400
40	$\mathcal{O}(1; \{20^4, 5\})$	1958400
40	$\mathcal{O}(1; \{40, 20, 8, 5, 2^2\})$	153600
40	$\mathcal{O}(1; \{40, 20, 10^2, 8\})$	665600
40	$\mathcal{O}(1; \{40^2, 10, 4, 2^2\})$	153600
40	$\mathcal{O}(1; \{40^2, 10, 8^2\})$	1228800
40	$\mathcal{O}(1; \{40^2, 20, 10, 5\})$	2611200
40	$\mathcal{O}(1; \{40^2, 20^2, 4\})$	2662400
40	$\mathcal{O}(1; \{40^3, 8, 5\})$	5324800
40	$\mathcal{O}(0; \{8^2, 5^2, 4, 2^5\})$	32
40	$\mathcal{O}(0; \{8^2, 5^2, 4^3, 2^2\})$	128
40	$\mathcal{O}(0; \{8^4, 5^2, 2^3\})$	256
40	$\mathcal{O}(0; \{8^4, 5^2, 4^2\})$	1024
40	$\mathcal{O}(0; \{10, 8^2, 5^4, 4\})$	1632
40	$\mathcal{O}(0; \{10^2, 8^2, 5, 4, 2^3\})$	96
40	$\mathcal{O}(0; \{10^2, 8^2, 5, 4^3\})$	384
40	$\mathcal{O}(0; \{10^2, 8^4, 5, 2\})$	768
40	$\mathcal{O}(0; \{10^4, 8^2, 4, 2\})$	416
40	$\mathcal{O}(0; \{20, 8^2, 5^3, 2^3\})$	416
40	$\mathcal{O}(0; \{20, 8^2, 5^3, 4^2\})$	1664
40	$\mathcal{O}(0; \{20, 10, 8^2, 2^6\})$	32
40	$\mathcal{O}(0; \{20, 10, 8^2, 4^2, 2^3\})$	128
40	$\mathcal{O}(0; \{20, 10, 8^2, 4^4\})$	512
40	$\mathcal{O}(0; \{20, 10, 8^4, 4, 2\})$	1024
40	$\mathcal{O}(0; \{20, 10^2, 8^2, 5^2, 2\})$	1632
40	$\mathcal{O}(0; \{20^2, 10, 8^2, 5, 4, 2\})$	1664
40	$\mathcal{O}(0; \{20^3, 8^2, 2^4\})$	384
40	$\mathcal{O}(0; \{20^3, 8^2, 4^2, 2\})$	1536
40	$\mathcal{O}(0; \{40, 8, 5^5, 4\})$	6560
40	$\mathcal{O}(0; \{40, 10, 8, 5^2, 4, 2^3\})$	416
40	$\mathcal{O}(0; \{40, 10, 8, 5^2, 4^3\})$	1664
40	$\mathcal{O}(0; \{40, 10, 8^3, 5^2, 2\})$	3328
40	$\mathcal{O}(0; \{40, 10^3, 8, 5, 4, 2\})$	1632
40	$\mathcal{O}(0; \{40, 20, 8, 5, 2^6\})$	96
40	$\mathcal{O}(0; \{40, 20, 8, 5, 4^2, 2^3\})$	384

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
40	$\mathcal{O}(0; \{40, 20, 8, 5, 4^4\})$	1536
40	$\mathcal{O}(0; \{40, 20, 8^3, 5, 4, 2\})$	3072
40	$\mathcal{O}(0; \{40, 20, 10, 8, 5^3, 2\})$	6560
40	$\mathcal{O}(0; \{40, 20, 10^2, 8, 2^4\})$	416
40	$\mathcal{O}(0; \{40, 20, 10^2, 8, 4^2, 2\})$	1664
40	$\mathcal{O}(0; \{40, 20^2, 8, 5^2, 4, 2\})$	6528
40	$\mathcal{O}(0; \{40, 20^3, 10, 8, 2^2\})$	6528
40	$\mathcal{O}(0; \{40, 20^5, 8\})$	104960
40	$\mathcal{O}(0; \{40^2, 5^3, 4, 2^3\})$	1632
40	$\mathcal{O}(0; \{40^2, 5^3, 4^3\})$	6528
40	$\mathcal{O}(0; \{40^2, 8^2, 5^3, 2\})$	13056
40	$\mathcal{O}(0; \{40^2, 10, 4, 2^6\})$	96
40	$\mathcal{O}(0; \{40^2, 10, 4^3, 2^3\})$	384
40	$\mathcal{O}(0; \{40^2, 10, 4^5\})$	1536
40	$\mathcal{O}(0; \{40^2, 10, 8^2, 2^4\})$	768
40	$\mathcal{O}(0; \{40^2, 10, 8^2, 4^2, 2\})$	3072
40	$\mathcal{O}(0; \{40^2, 10^2, 5^2, 4, 2\})$	6560
40	$\mathcal{O}(0; \{40^2, 20, 5^4, 2\})$	26208
40	$\mathcal{O}(0; \{40^2, 20, 10, 5, 2^4\})$	1632
40	$\mathcal{O}(0; \{40^2, 20, 10, 5, 4^2, 2\})$	6528
40	$\mathcal{O}(0; \{40^2, 20, 10^3, 2^2\})$	6560
40	$\mathcal{O}(0; \{40^2, 20^2, 4, 2^4\})$	1664
40	$\mathcal{O}(0; \{40^2, 20^2, 4^3, 2\})$	6656
40	$\mathcal{O}(0; \{40^2, 20^2, 8^2, 2^2\})$	13312
40	$\mathcal{O}(0; \{40^2, 20^3, 5, 2^2\})$	26240
40	$\mathcal{O}(0; \{40^2, 20^3, 10^2\})$	104832
40	$\mathcal{O}(0; \{40^3, 8, 5, 2^4\})$	3328
40	$\mathcal{O}(0; \{40^3, 8, 5, 4^2, 2\})$	13312
40	$\mathcal{O}(0; \{40^3, 10^2, 8, 2^2\})$	13056
40	$\mathcal{O}(0; \{40^3, 20^2, 10, 8\})$	209920
40	$\mathcal{O}(0; \{40^4, 10, 5, 2^2\})$	52480
40	$\mathcal{O}(0; \{40^4, 10^3\})$	209664
40	$\mathcal{O}(0; \{40^4, 20, 4, 2^2\})$	52224
40	$\mathcal{O}(0; \{40^4, 20, 8^2\})$	417792
40	$\mathcal{O}(0; \{40^4, 20^2, 5\})$	838656
40	$\mathcal{O}(0; \{40^6, 4\})$	1679360
42	$\mathcal{O}(1; \{7^2, 3^4\})$	47628
42	$\mathcal{O}(1; \{7^2, 6, 3^2, 2\})$	21168
42	$\mathcal{O}(1; \{7^2, 6^2, 2^2\})$	21168
42	$\mathcal{O}(1; \{14^2, 7, 6^2\})$	105840
42	$\mathcal{O}(1; \{21, 14, 3^3, 2\})$	63504
42	$\mathcal{O}(1; \{21, 14, 6, 3, 2^2\})$	21168
42	$\mathcal{O}(1; \{21, 14, 6^3\})$	63504

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(1; \{21^3, 7, 3\})$	1476468
42	$\mathcal{O}(1; \{42, 7^3, 6\})$	656208
42	$\mathcal{O}(1; \{42, 21, 14, 7, 3\})$	656208
42	$\mathcal{O}(1; \{42, 21^2, 2^3\})$	105840
42	$\mathcal{O}(1; \{42, 21^2, 6, 3\})$	529200
42	$\mathcal{O}(1; \{42^2, 14, 2^3\})$	105840
42	$\mathcal{O}(1; \{42^2, 14, 6, 3\})$	317520
42	$\mathcal{O}(1; \{42^3, 21, 2\})$	1968624
42	$\mathcal{O}(0; \{7^2, 3^4, 2^4\})$	36
42	$\mathcal{O}(0; \{7^2, 6, 3^2, 2^5\})$	12
42	$\mathcal{O}(0; \{7^2, 6, 3^5, 2\})$	132
42	$\mathcal{O}(0; \{7^2, 6^2, 2^6\})$	12
42	$\mathcal{O}(0; \{7^2, 6^2, 3^3, 2^2\})$	60
42	$\mathcal{O}(0; \{7^2, 6^3, 3, 2^3\})$	36
42	$\mathcal{O}(0; \{7^2, 6^4, 3^2\})$	132
42	$\mathcal{O}(0; \{7^2, 6^5, 2\})$	60
42	$\mathcal{O}(0; \{14^2, 7, 3^4, 2^2\})$	180
42	$\mathcal{O}(0; \{14^2, 7, 6, 3^2, 2^3\})$	60
42	$\mathcal{O}(0; \{14^2, 7, 6^2, 2^4\})$	60
42	$\mathcal{O}(0; \{14^2, 7, 6^2, 3^3\})$	300
42	$\mathcal{O}(0; \{14^2, 7, 6^3, 3, 2\})$	180
42	$\mathcal{O}(0; \{14^4, 3^4\})$	1116
42	$\mathcal{O}(0; \{14^4, 6, 3^2, 2\})$	372
42	$\mathcal{O}(0; \{14^4, 6^2, 2^2\})$	372
42	$\mathcal{O}(0; \{21, 7^4, 6, 3, 2\})$	2220
42	$\mathcal{O}(0; \{21, 14, 3^3, 2^5\})$	36
42	$\mathcal{O}(0; \{21, 14, 3^6, 2\})$	252
42	$\mathcal{O}(0; \{21, 14, 6, 3, 2^6\})$	12
42	$\mathcal{O}(0; \{21, 14, 6, 3^4, 2^2\})$	132
42	$\mathcal{O}(0; \{21, 14, 6^2, 3^2, 2^3\})$	60
42	$\mathcal{O}(0; \{21, 14, 6^3, 2^4\})$	36
42	$\mathcal{O}(0; \{21, 14, 6^3, 3^3\})$	252
42	$\mathcal{O}(0; \{21, 14, 6^4, 3, 2\})$	132
42	$\mathcal{O}(0; \{21^2, 14, 7^2, 3^2, 2\})$	6660
42	$\mathcal{O}(0; \{21^2, 14, 7^2, 6, 2^2\})$	2220
42	$\mathcal{O}(0; \{21^2, 14^3, 7, 6\})$	13332
42	$\mathcal{O}(0; \{21^3, 7, 3, 2^4\})$	1116
42	$\mathcal{O}(0; \{21^3, 7, 6, 3^2, 2\})$	4092
42	$\mathcal{O}(0; \{21^3, 7, 6^2, 2^2\})$	1860
42	$\mathcal{O}(0; \{21^3, 14^2, 3, 2^2\})$	6660
42	$\mathcal{O}(0; \{21^3, 14^2, 6^2\})$	11100
42	$\mathcal{O}(0; \{42, 7^3, 3^2, 2^3\})$	372
42	$\mathcal{O}(0; \{42, 7^3, 6, 2^4\})$	372

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(0; \{42, 7^3, 6, 3^3\})$	1860
42	$\mathcal{O}(0; \{42, 7^3, 6^2, 3, 2\})$	1116
42	$\mathcal{O}(0; \{42, 14^2, 7^2, 3^2, 2\})$	2220
42	$\mathcal{O}(0; \{42, 14^2, 7^2, 6, 2^2\})$	2220
42	$\mathcal{O}(0; \{42, 14^4, 7, 6\})$	13332
42	$\mathcal{O}(0; \{42, 21, 14, 7, 3, 2^4\})$	372
42	$\mathcal{O}(0; \{42, 21, 14, 7, 3^4\})$	4092
42	$\mathcal{O}(0; \{42, 21, 14, 7, 6, 3^2, 2\})$	1860
42	$\mathcal{O}(0; \{42, 21, 14, 7, 6^2, 2^2\})$	1116
42	$\mathcal{O}(0; \{42, 21, 14^3, 3, 2^2\})$	2220
42	$\mathcal{O}(0; \{42, 21, 14^3, 6^2\})$	6660
42	$\mathcal{O}(0; \{42, 21^2, 2^7\})$	60
42	$\mathcal{O}(0; \{42, 21^2, 3^3, 2^3\})$	660
42	$\mathcal{O}(0; \{42, 21^2, 6, 3, 2^4\})$	300
42	$\mathcal{O}(0; \{42, 21^2, 6, 3^4\})$	2580
42	$\mathcal{O}(0; \{42, 21^2, 6^2, 3^2, 2\})$	1260
42	$\mathcal{O}(0; \{42, 21^2, 6^3, 2^2\})$	660
42	$\mathcal{O}(0; \{42, 21^2, 14, 7^3\})$	79980
42	$\mathcal{O}(0; \{42, 21^3, 7^2, 6\})$	66660
42	$\mathcal{O}(0; \{42, 21^4, 14, 3\})$	146652
42	$\mathcal{O}(0; \{42^2, 7^4, 2^2\})$	13332
42	$\mathcal{O}(0; \{42^2, 14, 2^7\})$	60
42	$\mathcal{O}(0; \{42^2, 14, 3^3, 2^3\})$	300
42	$\mathcal{O}(0; \{42^2, 14, 6, 3, 2^4\})$	180
42	$\mathcal{O}(0; \{42^2, 14, 6, 3^4\})$	1260
42	$\mathcal{O}(0; \{42^2, 14, 6^2, 3^2, 2\})$	660
42	$\mathcal{O}(0; \{42^2, 14, 6^3, 2^2\})$	300
42	$\mathcal{O}(0; \{42^2, 14^2, 7^3\})$	79980
42	$\mathcal{O}(0; \{42^2, 21, 14, 7^2, 6\})$	39996
42	$\mathcal{O}(0; \{42^2, 21^2, 7, 3, 2^2\})$	11100
42	$\mathcal{O}(0; \{42^2, 21^2, 7, 6^2\})$	24420
42	$\mathcal{O}(0; \{42^2, 21^2, 14^2, 3\})$	66660
42	$\mathcal{O}(0; \{42^3, 14, 7, 3, 2^2\})$	6660
42	$\mathcal{O}(0; \{42^3, 14, 7, 6^2\})$	11100
42	$\mathcal{O}(0; \{42^3, 14^3, 3\})$	39996
42	$\mathcal{O}(0; \{42^3, 21, 2^5\})$	1116
42	$\mathcal{O}(0; \{42^3, 21, 3^3, 2\})$	7812
42	$\mathcal{O}(0; \{42^3, 21, 6, 3, 2^2\})$	4092
42	$\mathcal{O}(0; \{42^3, 21, 6^3\})$	7812
42	$\mathcal{O}(0; \{42^4, 21, 7, 3\})$	146652
42	$\mathcal{O}(0; \{42^5, 2^3\})$	11100
42	$\mathcal{O}(0; \{42^5, 6, 3\})$	46620
44	$\mathcal{O}(1; \{22, 11^3, 2\})$	1321320

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
44	$\mathcal{O}(1; \{44, 22, 4, 2^3\})$	38720
44	$\mathcal{O}(1; \{44, 22, 4^3\})$	154880
44	$\mathcal{O}(1; \{44^3, 4, 2\})$	1393920
44	$\mathcal{O}(0; \{22, 11^3, 4^2, 2^2\})$	1820
44	$\mathcal{O}(0; \{22^3, 11^2, 4^2\})$	18180
44	$\mathcal{O}(0; \{44, 22, 4, 2^7\})$	20
44	$\mathcal{O}(0; \{44, 22, 4^3, 2^4\})$	80
44	$\mathcal{O}(0; \{44, 22, 4^5, 2\})$	320
44	$\mathcal{O}(0; \{44^2, 11^3, 2^3\})$	18180
44	$\mathcal{O}(0; \{44^2, 11^3, 4^2\})$	72720
44	$\mathcal{O}(0; \{44^2, 22^2, 11^2, 2\})$	181820
44	$\mathcal{O}(0; \{44^3, 4, 2^5\})$	720
44	$\mathcal{O}(0; \{44^3, 4^3, 2^2\})$	2880
45	$\mathcal{O}(1; \{45^2, 5, 3^2\})$	583200
45	$\mathcal{O}(0; \{15, 9^4, 5^2\})$	3888
45	$\mathcal{O}(0; \{15^2, 9^4, 3\})$	5184
45	$\mathcal{O}(0; \{45, 15, 9^2, 5^3\})$	7344
45	$\mathcal{O}(0; \{45, 15^2, 9^2, 5, 3\})$	7488
45	$\mathcal{O}(0; \{45^2, 5, 3^5\})$	2304
45	$\mathcal{O}(0; \{45^2, 9^3, 5, 3\})$	19440
45	$\mathcal{O}(0; \{45^2, 15, 5^4\})$	39312
45	$\mathcal{O}(0; \{45^2, 15^2, 5^2, 3\})$	39360
45	$\mathcal{O}(0; \{45^2, 15^3, 3^2\})$	39168
45	$\mathcal{O}(0; \{45^3, 9, 5^2, 3\})$	66096
45	$\mathcal{O}(0; \{45^3, 15, 9, 3^2\})$	67392
46	$\mathcal{O}(3; \emptyset)$	9326260944
46	$\mathcal{O}(2; \{2^4\})$	4477440
46	$\mathcal{O}(1; \{2^8\})$	2112
47	$\mathcal{O}(1; \{47^4\})$	210442594
48	$\mathcal{O}(2; \{12^2\})$	19906560
48	$\mathcal{O}(1; \{4^2, 3^2, 2^2\})$	6912
48	$\mathcal{O}(1; \{6^2, 4^2, 3\})$	6912
48	$\mathcal{O}(1; \{8^2, 4, 3^2\})$	27648
48	$\mathcal{O}(1; \{12, 4, 3, 2^3\})$	6912
48	$\mathcal{O}(1; \{12, 4^3, 3\})$	27648
48	$\mathcal{O}(1; \{12, 6, 4, 3^2\})$	20736
48	$\mathcal{O}(1; \{12, 6^2, 4, 2\})$	6912
48	$\mathcal{O}(1; \{12, 8^2, 3, 2\})$	27648
48	$\mathcal{O}(1; \{12^2, 2^4\})$	6912
48	$\mathcal{O}(1; \{12^2, 3^3\})$	34560
48	$\mathcal{O}(1; \{12^2, 4^2, 2\})$	27648
48	$\mathcal{O}(1; \{12^2, 6, 3, 2\})$	20736
48	$\mathcal{O}(1; \{24, 8, 3^3\})$	41472

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(1; \{24, 8, 6, 3, 2\})$	13824
48	$\mathcal{O}(1; \{24^2, 4, 3, 2\})$	27648
48	$\mathcal{O}(1; \{24^2, 12, 2^2\})$	27648
48	$\mathcal{O}(1; \{24^4\})$	663552
48	$\mathcal{O}(1; \{48, 16, 4, 3, 2\})$	73728
48	$\mathcal{O}(1; \{48, 16, 12, 2^2\})$	73728
48	$\mathcal{O}(1; \{48, 24^2, 16\})$	589824
48	$\mathcal{O}(1; \{48^2, 8, 2^2\})$	147456
48	$\mathcal{O}(1; \{48^2, 16^2\})$	2359296
48	$\mathcal{O}(1; \{48^2, 24, 12\})$	884736
48	$\mathcal{O}(0; \{16^2, 8, 4, 3^2, 2^2\})$	128
48	$\mathcal{O}(0; \{16^2, 8, 6^2, 4, 3\})$	128
48	$\mathcal{O}(0; \{16^2, 8^3, 3^2\})$	1024
48	$\mathcal{O}(0; \{16^2, 12, 8, 3, 2^3\})$	128
48	$\mathcal{O}(0; \{16^2, 12, 8, 4^2, 3\})$	512
48	$\mathcal{O}(0; \{16^2, 12, 8, 6, 3^2\})$	384
48	$\mathcal{O}(0; \{16^2, 12, 8, 6^2, 2\})$	128
48	$\mathcal{O}(0; \{16^2, 12^2, 8, 4, 2\})$	512
48	$\mathcal{O}(0; \{16^4, 4, 3^2\})$	2048
48	$\mathcal{O}(0; \{16^4, 12, 3, 2\})$	2048
48	$\mathcal{O}(0; \{24, 16^2, 3^3, 2^2\})$	192
48	$\mathcal{O}(0; \{24, 16^2, 6, 3, 2^3\})$	64
48	$\mathcal{O}(0; \{24, 16^2, 6, 4^2, 3\})$	256
48	$\mathcal{O}(0; \{24, 16^2, 6^2, 3^2\})$	320
48	$\mathcal{O}(0; \{24, 16^2, 6^3, 2\})$	192
48	$\mathcal{O}(0; \{24, 16^2, 12, 4, 3^2\})$	768
48	$\mathcal{O}(0; \{24, 16^2, 12, 6, 4, 2\})$	256
48	$\mathcal{O}(0; \{24, 16^2, 12^2, 3, 2\})$	768
48	$\mathcal{O}(0; \{24^2, 16^2, 8, 3, 2\})$	1024
48	$\mathcal{O}(0; \{48, 16, 4, 3, 2^5\})$	32
48	$\mathcal{O}(0; \{48, 16, 4, 3^4, 2\})$	160
48	$\mathcal{O}(0; \{48, 16, 4^3, 3, 2^2\})$	128
48	$\mathcal{O}(0; \{48, 16, 6, 4, 3^2, 2^2\})$	96
48	$\mathcal{O}(0; \{48, 16, 6^2, 4, 2^3\})$	32
48	$\mathcal{O}(0; \{48, 16, 6^2, 4^3\})$	128
48	$\mathcal{O}(0; \{48, 16, 6^3, 4, 3\})$	160
48	$\mathcal{O}(0; \{48, 16, 8^2, 3, 2^3\})$	256
48	$\mathcal{O}(0; \{48, 16, 8^2, 4^2, 3\})$	1024
48	$\mathcal{O}(0; \{48, 16, 8^2, 6, 3^2\})$	768
48	$\mathcal{O}(0; \{48, 16, 8^2, 6^2, 2\})$	256
48	$\mathcal{O}(0; \{48, 16, 12, 2^6\})$	32
48	$\mathcal{O}(0; \{48, 16, 12, 3^3, 2^2\})$	160
48	$\mathcal{O}(0; \{48, 16, 12, 4^2, 2^3\})$	128

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{48, 16, 12, 4^4\})$	512
48	$\mathcal{O}(0; \{48, 16, 12, 6, 3, 2^3\})$	96
48	$\mathcal{O}(0; \{48, 16, 12, 6, 4^2, 3\})$	384
48	$\mathcal{O}(0; \{48, 16, 12, 6^2, 3^2\})$	352
48	$\mathcal{O}(0; \{48, 16, 12, 6^3, 2\})$	160
48	$\mathcal{O}(0; \{48, 16, 12, 8^2, 4, 2\})$	1024
48	$\mathcal{O}(0; \{48, 16, 12^2, 4, 3^2\})$	640
48	$\mathcal{O}(0; \{48, 16, 12^2, 6, 4, 2\})$	384
48	$\mathcal{O}(0; \{48, 16, 12^3, 3, 2\})$	640
48	$\mathcal{O}(0; \{48, 16^3, 8, 3, 2\})$	4096
48	$\mathcal{O}(0; \{48, 24, 16, 8, 4, 3^2\})$	1536
48	$\mathcal{O}(0; \{48, 24, 16, 8, 6, 4, 2\})$	512
48	$\mathcal{O}(0; \{48, 24, 16, 12, 8, 3, 2\})$	1536
48	$\mathcal{O}(0; \{48, 24^2, 16, 2^4\})$	256
48	$\mathcal{O}(0; \{48, 24^2, 16, 3^3\})$	2816
48	$\mathcal{O}(0; \{48, 24^2, 16, 4^2, 2\})$	1024
48	$\mathcal{O}(0; \{48, 24^2, 16, 6, 3, 2\})$	1280
48	$\mathcal{O}(0; \{48^2, 8, 2^6\})$	64
48	$\mathcal{O}(0; \{48^2, 8, 3^3, 2^2\})$	320
48	$\mathcal{O}(0; \{48^2, 8, 4^2, 2^3\})$	256
48	$\mathcal{O}(0; \{48^2, 8, 4^4\})$	1024
48	$\mathcal{O}(0; \{48^2, 8, 6, 3, 2^3\})$	192
48	$\mathcal{O}(0; \{48^2, 8, 6, 4^2, 3\})$	768
48	$\mathcal{O}(0; \{48^2, 8, 6^2, 3^2\})$	704
48	$\mathcal{O}(0; \{48^2, 8, 6^3, 2\})$	320
48	$\mathcal{O}(0; \{48^2, 8^3, 4, 2\})$	2048
48	$\mathcal{O}(0; \{48^2, 12, 8, 4, 3^2\})$	1280
48	$\mathcal{O}(0; \{48^2, 12, 8, 6, 4, 2\})$	768
48	$\mathcal{O}(0; \{48^2, 12^2, 8, 3, 2\})$	1280
48	$\mathcal{O}(0; \{48^2, 16^2, 2^4\})$	1024
48	$\mathcal{O}(0; \{48^2, 16^2, 3^3\})$	5120
48	$\mathcal{O}(0; \{48^2, 16^2, 4^2, 2\})$	4096
48	$\mathcal{O}(0; \{48^2, 16^2, 6, 3, 2\})$	3072
48	$\mathcal{O}(0; \{48^2, 24, 4, 3, 2^3\})$	384
48	$\mathcal{O}(0; \{48^2, 24, 4^3, 3\})$	1536
48	$\mathcal{O}(0; \{48^2, 24, 6, 4, 3^2\})$	1408
48	$\mathcal{O}(0; \{48^2, 24, 6^2, 4, 2\})$	640
48	$\mathcal{O}(0; \{48^2, 24, 8^2, 3, 2\})$	3072
48	$\mathcal{O}(0; \{48^2, 24, 12, 2^4\})$	384
48	$\mathcal{O}(0; \{48^2, 24, 12, 3^3\})$	2688
48	$\mathcal{O}(0; \{48^2, 24, 12, 4^2, 2\})$	1536
48	$\mathcal{O}(0; \{48^2, 24, 12, 6, 3, 2\})$	1408
48	$\mathcal{O}(0; \{48^2, 24^3, 2^2\})$	5120

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{48^3, 24, 16, 2^2\})$	12288
48	$\mathcal{O}(0; \{48^4, 4, 3, 2\})$	10240
48	$\mathcal{O}(0; \{48^4, 12, 2^2\})$	10240
48	$\mathcal{O}(0; \{48^4, 24^2\})$	180224
48	$\mathcal{O}(0; \{48^5, 16\})$	327680
49	$\mathcal{O}(0; \{49^5, 7\})$	15990660
50	$\mathcal{O}(1; \{25^3, 5\})$	2250000
50	$\mathcal{O}(0; \{25^3, 5, 2^4\})$	1200
50	$\mathcal{O}(0; \{25^3, 10^2, 2^2\})$	4800
50	$\mathcal{O}(0; \{50^2, 25^2, 5, 2^2\})$	26000
50	$\mathcal{O}(0; \{50^2, 25^2, 10^2\})$	104000
50	$\mathcal{O}(0; \{50^4, 25, 5\})$	510000
51	$\mathcal{O}(1; \{51^3, 3\})$	3745440
51	$\mathcal{O}(0; \{51^3, 3^4\})$	10080
52	$\mathcal{O}(0; \{52, 26, 13^2, 4, 2^2\})$	3192
52	$\mathcal{O}(0; \{52, 26^3, 13, 4\})$	38280
52	$\mathcal{O}(0; \{52^3, 13^2, 4\})$	153120
54	$\mathcal{O}(1; \{54, 27^2, 2\})$	472392
54	$\mathcal{O}(1; \{54^2, 18, 2\})$	314928
54	$\mathcal{O}(0; \{54, 27^2, 2^5\})$	162
54	$\mathcal{O}(0; \{54, 27^2, 3^3, 2\})$	1296
54	$\mathcal{O}(0; \{54, 27^2, 6, 3, 2^2\})$	648
54	$\mathcal{O}(0; \{54, 27^2, 6^3\})$	1296
54	$\mathcal{O}(0; \{54, 27^2, 18, 9, 3\})$	11664
54	$\mathcal{O}(0; \{54^2, 9^2, 3, 2^2\})$	1296
54	$\mathcal{O}(0; \{54^2, 9^2, 6^2\})$	2592
54	$\mathcal{O}(0; \{54^2, 18, 2^5\})$	108
54	$\mathcal{O}(0; \{54^2, 18, 3^3, 2\})$	864
54	$\mathcal{O}(0; \{54^2, 18, 6, 3, 2^2\})$	432
54	$\mathcal{O}(0; \{54^2, 18, 6^3\})$	864
54	$\mathcal{O}(0; \{54^2, 18^2, 9, 3\})$	7776
54	$\mathcal{O}(0; \{54^3, 27, 2^3\})$	4374
54	$\mathcal{O}(0; \{54^3, 27, 6, 3\})$	17496
54	$\mathcal{O}(0; \{54^5, 2\})$	65610
55	$\mathcal{O}(0; \{55^3, 5^3\})$	73800
56	$\mathcal{O}(1; \{14, 7, 2^3\})$	14112
56	$\mathcal{O}(1; \{14, 7, 4^2\})$	28224
56	$\mathcal{O}(1; \{14^3, 2\})$	70560
56	$\mathcal{O}(1; \{28^2, 7, 2\})$	141120
56	$\mathcal{O}(1; \{56, 14, 8, 2\})$	75264
56	$\mathcal{O}(0; \{14, 8^2, 7, 4, 2^2\})$	48
56	$\mathcal{O}(0; \{14, 8^4, 7\})$	384
56	$\mathcal{O}(0; \{14^3, 8^2, 4\})$	240

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
56	$\mathcal{O}(0; \{28, 8^2, 7^3\})$	1488
56	$\mathcal{O}(0; \{28^2, 8^2, 7, 4\})$	960
56	$\mathcal{O}(0; \{56, 8, 7^4\})$	4440
56	$\mathcal{O}(0; \{56, 14, 8, 2^5\})$	24
56	$\mathcal{O}(0; \{56, 14, 8, 4^2, 2^2\})$	96
56	$\mathcal{O}(0; \{56, 14, 8^3, 4\})$	768
56	$\mathcal{O}(0; \{56, 28, 8, 7^2, 4\})$	2976
56	$\mathcal{O}(0; \{56, 28^2, 8, 2^3\})$	480
56	$\mathcal{O}(0; \{56, 28^2, 8, 4^2\})$	1920
56	$\mathcal{O}(0; \{56^2, 7^3, 4\})$	8880
56	$\mathcal{O}(0; \{56^2, 28, 7, 2^3\})$	1488
56	$\mathcal{O}(0; \{56^2, 28, 7, 4^2\})$	5952
56	$\mathcal{O}(0; \{56^2, 28, 14^2, 2\})$	8880
56	$\mathcal{O}(0; \{56^3, 28, 8, 2\})$	23808
56	$\mathcal{O}(0; \{56^4, 7, 2\})$	71040
57	$\mathcal{O}(1; \{19^2, 3^2\})$	116964
57	$\mathcal{O}(0; \{19^2, 3^5\})$	180
57	$\mathcal{O}(0; \{57^3, 19, 3^2\})$	55260
60	$\mathcal{O}(1; \{15, 5, 3^2\})$	21600
60	$\mathcal{O}(1; \{15, 6, 5, 2\})$	21600
60	$\mathcal{O}(1; \{30, 15, 3, 2\})$	21600
60	$\mathcal{O}(0; \{12^2, 6, 5^3\})$	48
60	$\mathcal{O}(0; \{15, 5, 4^2, 3^2, 2\})$	16
60	$\mathcal{O}(0; \{15, 6, 5, 4^2, 2^2\})$	16
60	$\mathcal{O}(0; \{15, 10^2, 6, 4^2\})$	48
60	$\mathcal{O}(0; \{15, 12, 5, 4, 3, 2^2\})$	16
60	$\mathcal{O}(0; \{15, 12, 6^2, 5, 4\})$	48
60	$\mathcal{O}(0; \{15, 12, 10^2, 4, 3\})$	48
60	$\mathcal{O}(0; \{15, 12^2, 5, 2^3\})$	16
60	$\mathcal{O}(0; \{15, 12^2, 5, 4^2\})$	64
60	$\mathcal{O}(0; \{15, 12^2, 6, 5, 3\})$	80
60	$\mathcal{O}(0; \{15, 12^2, 10^2, 2\})$	48
60	$\mathcal{O}(0; \{15^2, 10, 5, 4^2\})$	208
60	$\mathcal{O}(0; \{20, 10, 6^2, 5, 4\})$	48
60	$\mathcal{O}(0; \{20, 12, 10, 6, 5, 3\})$	48
60	$\mathcal{O}(0; \{20, 15, 6, 5^2, 4\})$	208
60	$\mathcal{O}(0; \{20, 15, 12, 5^2, 3\})$	208
60	$\mathcal{O}(0; \{20, 15^2, 4, 2^3\})$	48
60	$\mathcal{O}(0; \{20, 15^2, 4^3\})$	192
60	$\mathcal{O}(0; \{20, 15^2, 6, 4, 3\})$	144
60	$\mathcal{O}(0; \{20, 15^2, 12, 3^2\})$	240
60	$\mathcal{O}(0; \{20, 15^2, 12, 6, 2\})$	144
60	$\mathcal{O}(0; \{20^2, 3^4, 2\})$	48

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{20^2, 6, 3^2, 2^2\})$	16
60	$\mathcal{O}(0; \{20^2, 6^2, 2^3\})$	16
60	$\mathcal{O}(0; \{20^2, 6^2, 4^2\})$	64
60	$\mathcal{O}(0; \{20^2, 6^3, 3\})$	48
60	$\mathcal{O}(0; \{20^2, 12, 6, 4, 3\})$	64
60	$\mathcal{O}(0; \{20^2, 12^2, 3^2\})$	192
60	$\mathcal{O}(0; \{20^2, 12^2, 6, 2\})$	64
60	$\mathcal{O}(0; \{20^2, 15, 10, 3^2\})$	208
60	$\mathcal{O}(0; \{20^2, 15, 10, 6, 2\})$	208
60	$\mathcal{O}(0; \{20^2, 15^2, 5, 2\})$	816
60	$\mathcal{O}(0; \{30, 12, 6, 5^2, 4\})$	48
60	$\mathcal{O}(0; \{30, 12^2, 5^2, 3\})$	144
60	$\mathcal{O}(0; \{30, 15, 4^2, 3, 2^2\})$	16
60	$\mathcal{O}(0; \{30, 15, 6^2, 4^2\})$	48
60	$\mathcal{O}(0; \{30, 15, 12, 4, 2^3\})$	16
60	$\mathcal{O}(0; \{30, 15, 12, 4^3\})$	64
60	$\mathcal{O}(0; \{30, 15, 12, 6, 4, 3\})$	80
60	$\mathcal{O}(0; \{30, 15, 12^2, 3^2\})$	176
60	$\mathcal{O}(0; \{30, 15, 12^2, 6, 2\})$	80
60	$\mathcal{O}(0; \{30, 20, 10, 6, 4, 3\})$	48
60	$\mathcal{O}(0; \{30, 20, 12, 10, 3^2\})$	144
60	$\mathcal{O}(0; \{30, 20, 12, 10, 6, 2\})$	48
60	$\mathcal{O}(0; \{30, 20, 15, 5, 4, 3\})$	208
60	$\mathcal{O}(0; \{30, 20, 15, 12, 5, 2\})$	208
60	$\mathcal{O}(0; \{30^2, 6, 5, 4^2\})$	48
60	$\mathcal{O}(0; \{30^2, 12, 5, 4, 3\})$	144
60	$\mathcal{O}(0; \{30^2, 12^2, 5, 2\})$	144
60	$\mathcal{O}(0; \{30^2, 20, 15, 4, 2\})$	208
60	$\mathcal{O}(0; \{30^3, 4^2, 3\})$	144
60	$\mathcal{O}(0; \{30^3, 12, 4, 2\})$	144
60	$\mathcal{O}(0; \{60, 10, 6, 5^2, 4\})$	208
60	$\mathcal{O}(0; \{60, 12, 10, 5^2, 3\})$	208
60	$\mathcal{O}(0; \{60, 15, 5^3, 4\})$	816
60	$\mathcal{O}(0; \{60, 15, 10, 4, 2^3\})$	48
60	$\mathcal{O}(0; \{60, 15, 10, 4^3\})$	192
60	$\mathcal{O}(0; \{60, 15, 10, 6, 4, 3\})$	144
60	$\mathcal{O}(0; \{60, 15, 12, 10, 3^2\})$	240
60	$\mathcal{O}(0; \{60, 15, 12, 10, 6, 2\})$	144
60	$\mathcal{O}(0; \{60, 15^2, 5, 4, 3\})$	624
60	$\mathcal{O}(0; \{60, 15^2, 12, 5, 2\})$	624
60	$\mathcal{O}(0; \{60, 20, 5, 3^2, 2^2\})$	48
60	$\mathcal{O}(0; \{60, 20, 6, 5, 2^3\})$	48
60	$\mathcal{O}(0; \{60, 20, 6, 5, 4^2\})$	192

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{60, 20, 6^2, 5, 3\})$	144
60	$\mathcal{O}(0; \{60, 20, 10^2, 3^2\})$	208
60	$\mathcal{O}(0; \{60, 20, 10^2, 6, 2\})$	208
60	$\mathcal{O}(0; \{60, 20, 12, 5, 4, 3\})$	192
60	$\mathcal{O}(0; \{60, 20, 12^2, 5, 2\})$	192
60	$\mathcal{O}(0; \{60, 20, 15, 10, 5, 2\})$	816
60	$\mathcal{O}(0; \{60, 20^2, 15, 4, 2\})$	832
60	$\mathcal{O}(0; \{60, 30, 10, 5, 4, 3\})$	208
60	$\mathcal{O}(0; \{60, 30, 12, 10, 5, 2\})$	208
60	$\mathcal{O}(0; \{60, 30, 15^2, 4, 2\})$	624
60	$\mathcal{O}(0; \{60, 30, 20, 3, 2^3\})$	48
60	$\mathcal{O}(0; \{60, 30, 20, 4^2, 3\})$	192
60	$\mathcal{O}(0; \{60, 30, 20, 6, 3^2\})$	240
60	$\mathcal{O}(0; \{60, 30, 20, 6^2, 2\})$	144
60	$\mathcal{O}(0; \{60, 30, 20, 12, 4, 2\})$	192
60	$\mathcal{O}(0; \{60, 30^2, 10, 4, 2\})$	208
60	$\mathcal{O}(0; \{60^2, 5^2, 2^3\})$	208
60	$\mathcal{O}(0; \{60^2, 5^2, 4^2\})$	832
60	$\mathcal{O}(0; \{60^2, 6, 5^2, 3\})$	624
60	$\mathcal{O}(0; \{60^2, 10^2, 5, 2\})$	816
60	$\mathcal{O}(0; \{60^2, 15, 3, 2^3\})$	144
60	$\mathcal{O}(0; \{60^2, 15, 4^2, 3\})$	576
60	$\mathcal{O}(0; \{60^2, 15, 6, 3^2\})$	528
60	$\mathcal{O}(0; \{60^2, 15, 6^2, 2\})$	240
60	$\mathcal{O}(0; \{60^2, 15, 12, 4, 2\})$	576
60	$\mathcal{O}(0; \{60^2, 20, 10, 4, 2\})$	832
60	$\mathcal{O}(0; \{60^2, 30, 5, 3^2\})$	1040
60	$\mathcal{O}(0; \{60^2, 30, 6, 5, 2\})$	624
60	$\mathcal{O}(0; \{60^2, 30^2, 3, 2\})$	1040
60	$\mathcal{O}(0; \{60^3, 20, 3, 2\})$	2496
62	$\mathcal{O}(1; \{62^2, 2^2\})$	115320
62	$\mathcal{O}(0; \{62^2, 2^6\})$	30
63	$\mathcal{O}(1; \{63^2, 21\})$	1428840
63	$\mathcal{O}(0; \{21, 9^2, 7, 3^2\})$	288
63	$\mathcal{O}(0; \{63, 9, 7^2, 3^2\})$	720
63	$\mathcal{O}(0; \{63^2, 21, 3^3\})$	2880
63	$\mathcal{O}(0; \{63^3\})$	899100
64	$\mathcal{O}(1; \{16^2, 2^2\})$	24576
64	$\mathcal{O}(1; \{32^2, 16\})$	393216
64	$\mathcal{O}(0; \{64^2, 32, 16, 2^2\})$	4096
64	$\mathcal{O}(0; \{64^2, 32^3\})$	131072
64	$\mathcal{O}(0; \{64^4, 16\})$	262144
66	$\mathcal{O}(1; \{66, 33, 6\})$	87120

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
66	$\mathcal{O}(0; \{33, 11^2, 6, 3, 2\})$	180
66	$\mathcal{O}(0; \{66, 33, 3^2, 2^3\})$	60
66	$\mathcal{O}(0; \{66, 33, 6, 2^4\})$	20
66	$\mathcal{O}(0; \{66, 33, 6, 3^3\})$	220
66	$\mathcal{O}(0; \{66, 33, 6^2, 3, 2\})$	100
66	$\mathcal{O}(0; \{66, 33^2, 22, 11\})$	18180
66	$\mathcal{O}(0; \{66^2, 11^2, 2^2\})$	1820
66	$\mathcal{O}(0; \{66^2, 22^2, 11\})$	18180
66	$\mathcal{O}(0; \{66^3, 3^2, 2\})$	900
66	$\mathcal{O}(0; \{66^3, 6, 2^2\})$	540
68	$\mathcal{O}(1; \{68, 34, 4\})$	147968
68	$\mathcal{O}(0; \{68, 34, 4, 2^4\})$	32
68	$\mathcal{O}(0; \{68, 34, 4^3, 2\})$	128
68	$\mathcal{O}(0; \{68^3, 4, 2^2\})$	1920
69	$\mathcal{O}(1; \{3^4\})$	28512
70	$\mathcal{O}(1; \{35, 7, 5\})$	88200
70	$\mathcal{O}(0; \{35, 7, 5, 2^4\})$	24
70	$\mathcal{O}(0; \{35, 10^2, 7, 2^2\})$	72
70	$\mathcal{O}(0; \{35, 14^2, 5, 2^2\})$	120
70	$\mathcal{O}(0; \{35, 14^2, 10^2\})$	360
70	$\mathcal{O}(0; \{35^2, 14, 10, 7\})$	2232
70	$\mathcal{O}(0; \{70, 35^2, 10, 5\})$	6120
70	$\mathcal{O}(0; \{70^2, 7, 5, 2^2\})$	360
70	$\mathcal{O}(0; \{70^2, 10^2, 7\})$	1560
70	$\mathcal{O}(0; \{70^2, 14^2, 5\})$	2232
72	$\mathcal{O}(1; \{18^2, 3\})$	46656
72	$\mathcal{O}(0; \{18^2, 12, 8^2\})$	96
72	$\mathcal{O}(0; \{24, 18, 9^2, 8\})$	144
72	$\mathcal{O}(0; \{24, 18^2, 8, 6\})$	96
72	$\mathcal{O}(0; \{24^2, 18^2, 4\})$	192
72	$\mathcal{O}(0; \{36, 18, 9, 8^2\})$	144
72	$\mathcal{O}(0; \{72, 12, 9^2, 8\})$	288
72	$\mathcal{O}(0; \{72, 18, 8, 4, 2^2\})$	48
72	$\mathcal{O}(0; \{72, 18, 8^3\})$	384
72	$\mathcal{O}(0; \{72, 18, 12, 8, 6\})$	192
72	$\mathcal{O}(0; \{72, 24, 9^2, 6\})$	288
72	$\mathcal{O}(0; \{72, 24, 18, 3, 2^2\})$	96
72	$\mathcal{O}(0; \{72, 24, 18, 6^2\})$	192
72	$\mathcal{O}(0; \{72, 24, 18, 12, 4\})$	384
72	$\mathcal{O}(0; \{72, 36, 9, 8, 6\})$	288
72	$\mathcal{O}(0; \{72, 36, 24, 9, 4\})$	576
72	$\mathcal{O}(0; \{72, 36^2, 8, 4\})$	576
72	$\mathcal{O}(0; \{72, 36^2, 24, 3\})$	1152

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
72	$\mathcal{O}(0; \{72^2, 4, 3^2, 2\})$	192
72	$\mathcal{O}(0; \{72^2, 6, 4, 2^2\})$	96
72	$\mathcal{O}(0; \{72^2, 8^2, 6\})$	768
72	$\mathcal{O}(0; \{72^2, 12, 3, 2^2\})$	192
72	$\mathcal{O}(0; \{72^2, 12, 6^2\})$	384
72	$\mathcal{O}(0; \{72^2, 12^2, 4\})$	768
72	$\mathcal{O}(0; \{72^2, 18, 9, 4\})$	1296
72	$\mathcal{O}(0; \{72^2, 24, 8, 4\})$	1536
72	$\mathcal{O}(0; \{72^2, 24^2, 3\})$	3072
72	$\mathcal{O}(0; \{72^2, 36, 18, 3\})$	2592
75	$\mathcal{O}(0; \{25^2, 15^2, 3\})$	640
76	$\mathcal{O}(1; \{38, 19, 2\})$	77976
76	$\mathcal{O}(0; \{38, 19, 4^2, 2^2\})$	36
76	$\mathcal{O}(0; \{38^3, 4^2\})$	612
76	$\mathcal{O}(0; \{76^2, 19, 2^3\})$	612
76	$\mathcal{O}(0; \{76^2, 19, 4^2\})$	2448
76	$\mathcal{O}(0; \{76^2, 38^2, 2\})$	11052
77	$\mathcal{O}(0; \{11^2, 7^3\})$	300
78	$\mathcal{O}(0; \{39, 26, 13, 6, 3\})$	264
78	$\mathcal{O}(0; \{78, 39^2, 13, 2\})$	3192
78	$\mathcal{O}(0; \{78^2, 26, 13, 2\})$	3192
80	$\mathcal{O}(0; \{40, 20, 16^2, 2\})$	256
80	$\mathcal{O}(0; \{80, 40, 16, 10, 2\})$	384
80	$\mathcal{O}(0; \{80^2, 20, 8, 2\})$	768
81	$\mathcal{O}(0; \{81^2, 27, 3^2\})$	3888
84	$\mathcal{O}(0; \{14^2, 12, 4, 3\})$	24
84	$\mathcal{O}(0; \{14^2, 12^2, 2\})$	24
84	$\mathcal{O}(0; \{28, 21, 7, 4, 3\})$	120
84	$\mathcal{O}(0; \{28, 21, 12, 7, 2\})$	120
84	$\mathcal{O}(0; \{28^2, 14, 3^2\})$	120
84	$\mathcal{O}(0; \{42, 28, 6, 4, 3\})$	24
84	$\mathcal{O}(0; \{42, 28, 12, 3^2\})$	72
84	$\mathcal{O}(0; \{42, 28, 12, 6, 2\})$	24
84	$\mathcal{O}(0; \{84, 14, 7, 4, 3\})$	120
84	$\mathcal{O}(0; \{84, 14, 12, 7, 2\})$	120
84	$\mathcal{O}(0; \{84, 21, 4, 2^3\})$	24
84	$\mathcal{O}(0; \{84, 21, 4^3\})$	96
84	$\mathcal{O}(0; \{84, 21, 6, 4, 3\})$	72
84	$\mathcal{O}(0; \{84, 21, 12, 3^2\})$	120
84	$\mathcal{O}(0; \{84, 21, 12, 6, 2\})$	72
84	$\mathcal{O}(0; \{84, 42^2, 4, 2\})$	120
84	$\mathcal{O}(0; \{84^2, 7^2, 2\})$	744
84	$\mathcal{O}(0; \{84^2, 28, 4, 2\})$	480

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
88	$\mathcal{O}(0; \{88, 44, 8, 4, 2\})$	160
90	$\mathcal{O}(0; \{30, 9^2, 5, 2\})$	48
90	$\mathcal{O}(0; \{90^2, 10, 3, 2\})$	144
92	$\mathcal{O}(2; \emptyset)$	67161600
92	$\mathcal{O}(1; \{2^4\})$	6336
92	$\mathcal{O}(1; \{4^2, 2\})$	16896
93	$\mathcal{O}(1; \{93^2\})$	518940
93	$\mathcal{O}(0; \{93^2, 3^3\})$	300
94	$\mathcal{O}(1; \{47^2\})$	304842
94	$\mathcal{O}(0; \{47^2, 2^4\})$	46
94	$\mathcal{O}(0; \{94^2, 47, 2^2\})$	2070
94	$\mathcal{O}(0; \{94^4\})$	95266
96	$\mathcal{O}(1; \{24^2\})$	55296
96	$\mathcal{O}(0; \{96, 32, 24, 2^2\})$	128
96	$\mathcal{O}(0; \{96, 48^2, 32\})$	2048
96	$\mathcal{O}(0; \{96^2, 16, 2^2\})$	256
96	$\mathcal{O}(0; \{96^2, 32^2\})$	8192
96	$\mathcal{O}(0; \{96^2, 48, 24\})$	3072
98	$\mathcal{O}(0; \{98, 49^2, 14\})$	8820
99	$\mathcal{O}(0; \{99^2, 33, 11\})$	10920
99	$\mathcal{O}(0; \{99^3, 9\})$	14580
100	$\mathcal{O}(0; \{50, 25, 20^2\})$	640
100	$\mathcal{O}(0; \{100^2, 25, 10\})$	2400
102	$\mathcal{O}(0; \{102, 51, 3^2, 2\})$	96
102	$\mathcal{O}(0; \{102, 51, 6, 2^2\})$	32
102	$\mathcal{O}(0; \{102^3, 6\})$	1440
104	$\mathcal{O}(0; \{104, 52, 13, 8\})$	1056
105	$\mathcal{O}(0; \{105, 35, 15, 7\})$	720
105	$\mathcal{O}(0; \{105^2, 35, 5\})$	3120
108	$\mathcal{O}(0; \{108, 27, 4, 2^2\})$	36
108	$\mathcal{O}(0; \{108, 27, 12, 6\})$	144
108	$\mathcal{O}(0; \{108, 54^2, 4\})$	324
108	$\mathcal{O}(0; \{108^2, 9, 6\})$	432
108	$\mathcal{O}(0; \{108^2, 36, 4\})$	864
110	$\mathcal{O}(0; \{110, 55, 10, 5\})$	520
112	$\mathcal{O}(0; \{112, 16, 7^2\})$	240
112	$\mathcal{O}(0; \{112, 28, 16, 4\})$	192
114	$\mathcal{O}(0; \{38^2, 6^2\})$	36
114	$\mathcal{O}(0; \{114, 57, 38, 3\})$	612
115	$\mathcal{O}(1; \{5^2\})$	52800
117	$\mathcal{O}(0; \{117^2, 13, 3\})$	1584
120	$\mathcal{O}(0; \{40, 24, 15, 3\})$	32
120	$\mathcal{O}(0; \{40^2, 12, 3\})$	64

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Table 3 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
120	$\mathcal{O}(0; \{120, 40, 10, 3\})$	96
120	$\mathcal{O}(0; \{120^2, 5, 4\})$	192
124	$\mathcal{O}(0; \{124^2, 2^3\})$	60
124	$\mathcal{O}(0; \{124^2, 4^2\})$	240
126	$\mathcal{O}(0; \{126, 18, 7, 3\})$	72
126	$\mathcal{O}(0; \{126, 63^2, 2\})$	540
126	$\mathcal{O}(0; \{126^2, 42, 2\})$	360
132	$\mathcal{O}(0; \{132, 66, 4, 3\})$	40
132	$\mathcal{O}(0; \{132, 66, 12, 2\})$	40
132	$\mathcal{O}(0; \{132^2, 11, 2\})$	360
136	$\mathcal{O}(0; \{136, 68, 8, 2\})$	128
138	$\mathcal{O}(1; \{3^2\})$	28512
141	$\mathcal{O}(0; \{141, 47, 3^2\})$	92
184	$\mathcal{O}(1; \{2^2\})$	25344
186	$\mathcal{O}(0; \{186^2, 2^2\})$	60
187	$\mathcal{O}(0; \{187^3\})$	21600
188	$\mathcal{O}(0; \{188^2, 94\})$	4140
189	$\mathcal{O}(0; \{189^2, 63\})$	3240
192	$\mathcal{O}(0; \{192, 64, 48\})$	512
192	$\mathcal{O}(0; \{192^2, 32\})$	1024
196	$\mathcal{O}(0; \{196, 49, 28\})$	504
198	$\mathcal{O}(0; \{198, 99, 18\})$	180
204	$\mathcal{O}(0; \{204, 102, 12\})$	64
216	$\mathcal{O}(0; \{216, 54, 8\})$	72
217	$\mathcal{O}(0; \{217^2, 7\})$	900
224	$\mathcal{O}(0; \{224, 32, 7\})$	96
248	$\mathcal{O}(0; \{248^2, 4\})$	240
252	$\mathcal{O}(0; \{252, 63, 4\})$	72
279	$\mathcal{O}(0; \{279^2, 3\})$	360
282	$\mathcal{O}(0; \{282, 94, 3\})$	92
372	$\mathcal{O}(0; \{372^2, 2\})$	120
374	$\mathcal{O}(0; \{374, 187, 2\})$	160

Table 4: 94-admissible orbifolds.

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
1	$\mathcal{O}(94; \emptyset)$	1
2	$\mathcal{O}(47; \{2^2\})$	19807040628566084398385987584
2	$\mathcal{O}(46; \{2^6\})$	4951760157141521099596496896
2	$\mathcal{O}(45; \{2^{10}\})$	1237940039285380274899124224

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
2	$\mathcal{O}(44; \{2^{14}\})$	309485009821345068724781056
2	$\mathcal{O}(43; \{2^{18}\})$	77371252455336267181195264
2	$\mathcal{O}(42; \{2^{22}\})$	19342813113834066795298816
2	$\mathcal{O}(41; \{2^{26}\})$	4835703278458516698824704
2	$\mathcal{O}(40; \{2^{30}\})$	1208925819614629174706176
2	$\mathcal{O}(39; \{2^{34}\})$	302231454903657293676544
2	$\mathcal{O}(38; \{2^{38}\})$	75557863725914323419136
2	$\mathcal{O}(37; \{2^{42}\})$	18889465931478580854784
2	$\mathcal{O}(36; \{2^{46}\})$	4722366482869645213696
2	$\mathcal{O}(35; \{2^{50}\})$	1180591620717411303424
2	$\mathcal{O}(34; \{2^{54}\})$	295147905179352825856
2	$\mathcal{O}(33; \{2^{58}\})$	73786976294838206464
2	$\mathcal{O}(32; \{2^{62}\})$	18446744073709551616
2	$\mathcal{O}(31; \{2^{66}\})$	4611686018427387904
2	$\mathcal{O}(30; \{2^{70}\})$	1152921504606846976
2	$\mathcal{O}(29; \{2^{74}\})$	288230376151711744
2	$\mathcal{O}(28; \{2^{78}\})$	72057594037927936
2	$\mathcal{O}(27; \{2^{82}\})$	18014398509481984
2	$\mathcal{O}(26; \{2^{86}\})$	4503599627370496
2	$\mathcal{O}(25; \{2^{90}\})$	1125899906842624
2	$\mathcal{O}(24; \{2^{94}\})$	281474976710656
2	$\mathcal{O}(23; \{2^{98}\})$	70368744177664
2	$\mathcal{O}(22; \{2^{102}\})$	17592186044416
2	$\mathcal{O}(21; \{2^{106}\})$	4398046511104
2	$\mathcal{O}(20; \{2^{110}\})$	1099511627776
2	$\mathcal{O}(19; \{2^{114}\})$	274877906944
2	$\mathcal{O}(18; \{2^{118}\})$	68719476736
2	$\mathcal{O}(17; \{2^{122}\})$	17179869184
2	$\mathcal{O}(16; \{2^{126}\})$	4294967296
2	$\mathcal{O}(15; \{2^{130}\})$	1073741824
2	$\mathcal{O}(14; \{2^{134}\})$	268435456
2	$\mathcal{O}(13; \{2^{138}\})$	67108864
2	$\mathcal{O}(12; \{2^{142}\})$	16777216
2	$\mathcal{O}(11; \{2^{146}\})$	4194304
2	$\mathcal{O}(10; \{2^{150}\})$	1048576
2	$\mathcal{O}(9; \{2^{154}\})$	262144
2	$\mathcal{O}(8; \{2^{158}\})$	65536
2	$\mathcal{O}(7; \{2^{162}\})$	16384
2	$\mathcal{O}(6; \{2^{166}\})$	4096
2	$\mathcal{O}(5; \{2^{170}\})$	1024
2	$\mathcal{O}(4; \{2^{174}\})$	256
2	$\mathcal{O}(3; \{2^{178}\})$	64
2	$\mathcal{O}(2; \{2^{182}\})$	16

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
2	$\mathcal{O}(1; \{2^{186}\})$	4
2	$\mathcal{O}(0; \{2^{190}\})$	1
3	$\mathcal{O}(32; \emptyset)$	3433683820292512484657849089280
3	$\mathcal{O}(31; \{3^3\})$	763040848953891663257299797618
3	$\mathcal{O}(30; \{3^6\})$	932605482054756477314477530422
3	$\mathcal{O}(29; \{3^9\})$	800721878531861621936672627130
3	$\mathcal{O}(28; \{3^{12}\})$	714892866715374493833656737686
3	$\mathcal{O}(27; \{3^{15}\})$	635111427547203531938441425818
3	$\mathcal{O}(26; \{3^{18}\})$	564582257644405166207297083062
3	$\mathcal{O}(25; \{3^{21}\})$	501846588295989552179842563450
3	$\mathcal{O}(24; \{3^{24}\})$	446086334861760285394919236566
3	$\mathcal{O}(23; \{3^{27}\})$	396521133366158202436032745818
3	$\mathcal{O}(22; \{3^{30}\})$	352463235567432704155918726902
3	$\mathcal{O}(21; \{3^{33}\})$	313300653181204024460631379770
3	$\mathcal{O}(20; \{3^{36}\})$	278489469567349570052680577046
3	$\mathcal{O}(19; \{3^{39}\})$	247546195162872285296344782618
3	$\mathcal{O}(18; \{3^{42}\})$	220041062367898154741866245942
3	$\mathcal{O}(17; \{3^{45}\})$	195592055438031630013683108090
3	$\mathcal{O}(16; \{3^{48}\})$	173859604833817011466629207126
3	$\mathcal{O}(15; \{3^{51}\})$	154541870963391663734655616218
3	$\mathcal{O}(14; \{3^{54}\})$	137370551967459393913781944182
3	$\mathcal{O}(13; \{3^{57}\})$	122107157304408334894388980410
3	$\mathcal{O}(12; \{3^{60}\})$	108539695381696299378478534806
3	$\mathcal{O}(11; \{3^{63}\})$	96479729228174488148139006618
3	$\mathcal{O}(10; \{3^{66}\})$	85759759313932878374822045622
3	$\mathcal{O}(9; \{3^{69}\})$	76230897167940336330850628730
3	$\mathcal{O}(8; \{3^{72}\})$	67760797482613632294347728086
3	$\mathcal{O}(7; \{3^{75}\})$	60231819984545450928280393818
3	$\mathcal{O}(6; \{3^{78}\})$	53539395541818178602919094262
3	$\mathcal{O}(5; \{3^{81}\})$	47590573814949492091483285050
3	$\mathcal{O}(4; \{3^{84}\})$	42302732279955104081318514966
3	$\mathcal{O}(3; \{3^{87}\})$	37602428693293425850060897818
3	$\mathcal{O}(2; \{3^{90}\})$	33424381060705267422276354102
3	$\mathcal{O}(1; \{3^{93}\})$	29710560942849126597578981370
3	$\mathcal{O}(0; \{3^{96}\})$	26409387504754779197847983446
4	$\mathcal{O}(23; \{4^2, 2^2\})$	9903520314283042199192993792
4	$\mathcal{O}(22; \{4^2, 2^6\})$	618970019642690137449562112
4	$\mathcal{O}(22; \{4^4, 2^3\})$	2475880078570760549798248448
4	$\mathcal{O}(22; \{4^6\})$	9903520314283042199192993792
4	$\mathcal{O}(21; \{4^2, 2^{10}\})$	38685626227668133590597632
4	$\mathcal{O}(21; \{4^4, 2^7\})$	154742504910672534362390528
4	$\mathcal{O}(21; \{4^6, 2^4\})$	618970019642690137449562112
4	$\mathcal{O}(21; \{4^8, 2\})$	2475880078570760549798248448

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(20; \{4^2, 2^{14}\})$	2417851639229258349412352
4	$\mathcal{O}(20; \{4^4, 2^{11}\})$	9671406556917033397649408
4	$\mathcal{O}(20; \{4^6, 2^8\})$	38685626227668133590597632
4	$\mathcal{O}(20; \{4^8, 2^5\})$	154742504910672534362390528
4	$\mathcal{O}(20; \{4^{10}, 2^2\})$	618970019642690137449562112
4	$\mathcal{O}(19; \{4^2, 2^{18}\})$	151115727451828646838272
4	$\mathcal{O}(19; \{4^4, 2^{15}\})$	604462909807314587353088
4	$\mathcal{O}(19; \{4^6, 2^{12}\})$	2417851639229258349412352
4	$\mathcal{O}(19; \{4^8, 2^9\})$	9671406556917033397649408
4	$\mathcal{O}(19; \{4^{10}, 2^6\})$	38685626227668133590597632
4	$\mathcal{O}(19; \{4^{12}, 2^3\})$	154742504910672534362390528
4	$\mathcal{O}(19; \{4^{14}\})$	618970019642690137449562112
4	$\mathcal{O}(18; \{4^2, 2^{22}\})$	9444732965739290427392
4	$\mathcal{O}(18; \{4^4, 2^{19}\})$	37778931862957161709568
4	$\mathcal{O}(18; \{4^6, 2^{16}\})$	151115727451828646838272
4	$\mathcal{O}(18; \{4^8, 2^{13}\})$	604462909807314587353088
4	$\mathcal{O}(18; \{4^{10}, 2^{10}\})$	2417851639229258349412352
4	$\mathcal{O}(18; \{4^{12}, 2^7\})$	9671406556917033397649408
4	$\mathcal{O}(18; \{4^{14}, 2^4\})$	38685626227668133590597632
4	$\mathcal{O}(18; \{4^{16}, 2\})$	154742504910672534362390528
4	$\mathcal{O}(17; \{4^2, 2^{26}\})$	590295810358705651712
4	$\mathcal{O}(17; \{4^4, 2^{23}\})$	2361183241434822606848
4	$\mathcal{O}(17; \{4^6, 2^{20}\})$	9444732965739290427392
4	$\mathcal{O}(17; \{4^8, 2^{17}\})$	37778931862957161709568
4	$\mathcal{O}(17; \{4^{10}, 2^{14}\})$	151115727451828646838272
4	$\mathcal{O}(17; \{4^{12}, 2^{11}\})$	604462909807314587353088
4	$\mathcal{O}(17; \{4^{14}, 2^8\})$	2417851639229258349412352
4	$\mathcal{O}(17; \{4^{16}, 2^5\})$	9671406556917033397649408
4	$\mathcal{O}(17; \{4^{18}, 2^2\})$	38685626227668133590597632
4	$\mathcal{O}(16; \{4^2, 2^{30}\})$	36893488147419103232
4	$\mathcal{O}(16; \{4^4, 2^{27}\})$	147573952589676412928
4	$\mathcal{O}(16; \{4^6, 2^{24}\})$	590295810358705651712
4	$\mathcal{O}(16; \{4^8, 2^{21}\})$	2361183241434822606848
4	$\mathcal{O}(16; \{4^{10}, 2^{18}\})$	9444732965739290427392
4	$\mathcal{O}(16; \{4^{12}, 2^{15}\})$	37778931862957161709568
4	$\mathcal{O}(16; \{4^{14}, 2^{12}\})$	151115727451828646838272
4	$\mathcal{O}(16; \{4^{16}, 2^9\})$	604462909807314587353088
4	$\mathcal{O}(16; \{4^{18}, 2^6\})$	2417851639229258349412352
4	$\mathcal{O}(16; \{4^{20}, 2^3\})$	9671406556917033397649408
4	$\mathcal{O}(16; \{4^{22}\})$	38685626227668133590597632
4	$\mathcal{O}(15; \{4^2, 2^{34}\})$	2305843009213693952
4	$\mathcal{O}(15; \{4^4, 2^{31}\})$	9223372036854775808
4	$\mathcal{O}(15; \{4^6, 2^{28}\})$	36893488147419103232

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(15; \{4^8, 2^{25}\})$	147573952589676412928
4	$\mathcal{O}(15; \{4^{10}, 2^{22}\})$	590295810358705651712
4	$\mathcal{O}(15; \{4^{12}, 2^{19}\})$	2361183241434822606848
4	$\mathcal{O}(15; \{4^{14}, 2^{16}\})$	9444732965739290427392
4	$\mathcal{O}(15; \{4^{16}, 2^{13}\})$	37778931862957161709568
4	$\mathcal{O}(15; \{4^{18}, 2^{10}\})$	151115727451828646838272
4	$\mathcal{O}(15; \{4^{20}, 2^7\})$	604462909807314587353088
4	$\mathcal{O}(15; \{4^{22}, 2^4\})$	2417851639229258349412352
4	$\mathcal{O}(15; \{4^{24}, 2\})$	9671406556917033397649408
4	$\mathcal{O}(14; \{4^2, 2^{38}\})$	144115188075855872
4	$\mathcal{O}(14; \{4^4, 2^{35}\})$	576460752303423488
4	$\mathcal{O}(14; \{4^6, 2^{32}\})$	2305843009213693952
4	$\mathcal{O}(14; \{4^8, 2^{29}\})$	9223372036854775808
4	$\mathcal{O}(14; \{4^{10}, 2^{26}\})$	36893488147419103232
4	$\mathcal{O}(14; \{4^{12}, 2^{23}\})$	147573952589676412928
4	$\mathcal{O}(14; \{4^{14}, 2^{20}\})$	590295810358705651712
4	$\mathcal{O}(14; \{4^{16}, 2^{17}\})$	2361183241434822606848
4	$\mathcal{O}(14; \{4^{18}, 2^{14}\})$	9444732965739290427392
4	$\mathcal{O}(14; \{4^{20}, 2^{11}\})$	37778931862957161709568
4	$\mathcal{O}(14; \{4^{22}, 2^8\})$	151115727451828646838272
4	$\mathcal{O}(14; \{4^{24}, 2^5\})$	604462909807314587353088
4	$\mathcal{O}(14; \{4^{26}, 2^2\})$	2417851639229258349412352
4	$\mathcal{O}(13; \{4^2, 2^{42}\})$	9007199254740992
4	$\mathcal{O}(13; \{4^4, 2^{39}\})$	36028797018963968
4	$\mathcal{O}(13; \{4^6, 2^{36}\})$	144115188075855872
4	$\mathcal{O}(13; \{4^8, 2^{33}\})$	576460752303423488
4	$\mathcal{O}(13; \{4^{10}, 2^{30}\})$	2305843009213693952
4	$\mathcal{O}(13; \{4^{12}, 2^{27}\})$	9223372036854775808
4	$\mathcal{O}(13; \{4^{14}, 2^{24}\})$	36893488147419103232
4	$\mathcal{O}(13; \{4^{16}, 2^{21}\})$	147573952589676412928
4	$\mathcal{O}(13; \{4^{18}, 2^{18}\})$	590295810358705651712
4	$\mathcal{O}(13; \{4^{20}, 2^{15}\})$	2361183241434822606848
4	$\mathcal{O}(13; \{4^{22}, 2^{12}\})$	9444732965739290427392
4	$\mathcal{O}(13; \{4^{24}, 2^9\})$	37778931862957161709568
4	$\mathcal{O}(13; \{4^{26}, 2^6\})$	151115727451828646838272
4	$\mathcal{O}(13; \{4^{28}, 2^3\})$	604462909807314587353088
4	$\mathcal{O}(13; \{4^{30}\})$	2417851639229258349412352
4	$\mathcal{O}(12; \{4^2, 2^{46}\})$	562949953421312
4	$\mathcal{O}(12; \{4^4, 2^{43}\})$	2251799813685248
4	$\mathcal{O}(12; \{4^6, 2^{40}\})$	9007199254740992
4	$\mathcal{O}(12; \{4^8, 2^{37}\})$	36028797018963968
4	$\mathcal{O}(12; \{4^{10}, 2^{34}\})$	144115188075855872
4	$\mathcal{O}(12; \{4^{12}, 2^{31}\})$	576460752303423488

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(12; \{4^{14}, 2^{28}\})$	2305843009213693952
4	$\mathcal{O}(12; \{4^{16}, 2^{25}\})$	9223372036854775808
4	$\mathcal{O}(12; \{4^{18}, 2^{22}\})$	36893488147419103232
4	$\mathcal{O}(12; \{4^{20}, 2^{19}\})$	147573952589676412928
4	$\mathcal{O}(12; \{4^{22}, 2^{16}\})$	590295810358705651712
4	$\mathcal{O}(12; \{4^{24}, 2^{13}\})$	2361183241434822606848
4	$\mathcal{O}(12; \{4^{26}, 2^{10}\})$	9444732965739290427392
4	$\mathcal{O}(12; \{4^{28}, 2^7\})$	37778931862957161709568
4	$\mathcal{O}(12; \{4^{30}, 2^4\})$	151115727451828646838272
4	$\mathcal{O}(12; \{4^{32}, 2\})$	604462909807314587353088
4	$\mathcal{O}(11; \{4^2, 2^{50}\})$	35184372088832
4	$\mathcal{O}(11; \{4^4, 2^{47}\})$	140737488355328
4	$\mathcal{O}(11; \{4^6, 2^{44}\})$	562949953421312
4	$\mathcal{O}(11; \{4^8, 2^{41}\})$	2251799813685248
4	$\mathcal{O}(11; \{4^{10}, 2^{38}\})$	9007199254740992
4	$\mathcal{O}(11; \{4^{12}, 2^{35}\})$	36028797018963968
4	$\mathcal{O}(11; \{4^{14}, 2^{32}\})$	144115188075855872
4	$\mathcal{O}(11; \{4^{16}, 2^{29}\})$	576460752303423488
4	$\mathcal{O}(11; \{4^{18}, 2^{26}\})$	2305843009213693952
4	$\mathcal{O}(11; \{4^{20}, 2^{23}\})$	9223372036854775808
4	$\mathcal{O}(11; \{4^{22}, 2^{20}\})$	36893488147419103232
4	$\mathcal{O}(11; \{4^{24}, 2^{17}\})$	147573952589676412928
4	$\mathcal{O}(11; \{4^{26}, 2^{14}\})$	590295810358705651712
4	$\mathcal{O}(11; \{4^{28}, 2^{11}\})$	2361183241434822606848
4	$\mathcal{O}(11; \{4^{30}, 2^8\})$	9444732965739290427392
4	$\mathcal{O}(11; \{4^{32}, 2^5\})$	37778931862957161709568
4	$\mathcal{O}(11; \{4^{34}, 2^2\})$	151115727451828646838272
4	$\mathcal{O}(10; \{4^2, 2^{54}\})$	2199023255552
4	$\mathcal{O}(10; \{4^4, 2^{51}\})$	8796093022208
4	$\mathcal{O}(10; \{4^6, 2^{48}\})$	35184372088832
4	$\mathcal{O}(10; \{4^8, 2^{45}\})$	140737488355328
4	$\mathcal{O}(10; \{4^{10}, 2^{42}\})$	562949953421312
4	$\mathcal{O}(10; \{4^{12}, 2^{39}\})$	2251799813685248
4	$\mathcal{O}(10; \{4^{14}, 2^{36}\})$	9007199254740992
4	$\mathcal{O}(10; \{4^{16}, 2^{33}\})$	36028797018963968
4	$\mathcal{O}(10; \{4^{18}, 2^{30}\})$	144115188075855872
4	$\mathcal{O}(10; \{4^{20}, 2^{27}\})$	576460752303423488
4	$\mathcal{O}(10; \{4^{22}, 2^{24}\})$	2305843009213693952
4	$\mathcal{O}(10; \{4^{24}, 2^{21}\})$	9223372036854775808
4	$\mathcal{O}(10; \{4^{26}, 2^{18}\})$	36893488147419103232
4	$\mathcal{O}(10; \{4^{28}, 2^{15}\})$	147573952589676412928
4	$\mathcal{O}(10; \{4^{30}, 2^{12}\})$	590295810358705651712
4	$\mathcal{O}(10; \{4^{32}, 2^9\})$	2361183241434822606848

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(10; \{4^{34}, 2^6\})$	9444732965739290427392
4	$\mathcal{O}(10; \{4^{36}, 2^3\})$	37778931862957161709568
4	$\mathcal{O}(10; \{4^{38}\})$	151115727451828646838272
4	$\mathcal{O}(9; \{4^2, 2^{58}\})$	137438953472
4	$\mathcal{O}(9; \{4^4, 2^{55}\})$	549755813888
4	$\mathcal{O}(9; \{4^6, 2^{52}\})$	2199023255552
4	$\mathcal{O}(9; \{4^8, 2^{49}\})$	8796093022208
4	$\mathcal{O}(9; \{4^{10}, 2^{46}\})$	35184372088832
4	$\mathcal{O}(9; \{4^{12}, 2^{43}\})$	140737488355328
4	$\mathcal{O}(9; \{4^{14}, 2^{40}\})$	562949953421312
4	$\mathcal{O}(9; \{4^{16}, 2^{37}\})$	2251799813685248
4	$\mathcal{O}(9; \{4^{18}, 2^{34}\})$	9007199254740992
4	$\mathcal{O}(9; \{4^{20}, 2^{31}\})$	36028797018963968
4	$\mathcal{O}(9; \{4^{22}, 2^{28}\})$	144115188075855872
4	$\mathcal{O}(9; \{4^{24}, 2^{25}\})$	576460752303423488
4	$\mathcal{O}(9; \{4^{26}, 2^{22}\})$	2305843009213693952
4	$\mathcal{O}(9; \{4^{28}, 2^{19}\})$	9223372036854775808
4	$\mathcal{O}(9; \{4^{30}, 2^{16}\})$	36893488147419103232
4	$\mathcal{O}(9; \{4^{32}, 2^{13}\})$	147573952589676412928
4	$\mathcal{O}(9; \{4^{34}, 2^{10}\})$	590295810358705651712
4	$\mathcal{O}(9; \{4^{36}, 2^7\})$	2361183241434822606848
4	$\mathcal{O}(9; \{4^{38}, 2^4\})$	9444732965739290427392
4	$\mathcal{O}(9; \{4^{40}, 2\})$	37778931862957161709568
4	$\mathcal{O}(8; \{4^2, 2^{62}\})$	8589934592
4	$\mathcal{O}(8; \{4^4, 2^{59}\})$	34359738368
4	$\mathcal{O}(8; \{4^6, 2^{56}\})$	137438953472
4	$\mathcal{O}(8; \{4^8, 2^{53}\})$	549755813888
4	$\mathcal{O}(8; \{4^{10}, 2^{50}\})$	2199023255552
4	$\mathcal{O}(8; \{4^{12}, 2^{47}\})$	8796093022208
4	$\mathcal{O}(8; \{4^{14}, 2^{44}\})$	35184372088832
4	$\mathcal{O}(8; \{4^{16}, 2^{41}\})$	140737488355328
4	$\mathcal{O}(8; \{4^{18}, 2^{38}\})$	562949953421312
4	$\mathcal{O}(8; \{4^{20}, 2^{35}\})$	2251799813685248
4	$\mathcal{O}(8; \{4^{22}, 2^{32}\})$	9007199254740992
4	$\mathcal{O}(8; \{4^{24}, 2^{29}\})$	36028797018963968
4	$\mathcal{O}(8; \{4^{26}, 2^{26}\})$	144115188075855872
4	$\mathcal{O}(8; \{4^{28}, 2^{23}\})$	576460752303423488
4	$\mathcal{O}(8; \{4^{30}, 2^{20}\})$	2305843009213693952
4	$\mathcal{O}(8; \{4^{32}, 2^{17}\})$	9223372036854775808
4	$\mathcal{O}(8; \{4^{34}, 2^{14}\})$	36893488147419103232
4	$\mathcal{O}(8; \{4^{36}, 2^{11}\})$	147573952589676412928
4	$\mathcal{O}(8; \{4^{38}, 2^8\})$	590295810358705651712
4	$\mathcal{O}(8; \{4^{40}, 2^5\})$	2361183241434822606848

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(8; \{4^{42}, 2^{22}\})$	9444732965739290427392
4	$\mathcal{O}(7; \{4^2, 2^{66}\})$	536870912
4	$\mathcal{O}(7; \{4^4, 2^{63}\})$	2147483648
4	$\mathcal{O}(7; \{4^6, 2^{60}\})$	8589934592
4	$\mathcal{O}(7; \{4^8, 2^{57}\})$	34359738368
4	$\mathcal{O}(7; \{4^{10}, 2^{54}\})$	137438953472
4	$\mathcal{O}(7; \{4^{12}, 2^{51}\})$	549755813888
4	$\mathcal{O}(7; \{4^{14}, 2^{48}\})$	2199023255552
4	$\mathcal{O}(7; \{4^{16}, 2^{45}\})$	8796093022208
4	$\mathcal{O}(7; \{4^{18}, 2^{42}\})$	35184372088832
4	$\mathcal{O}(7; \{4^{20}, 2^{39}\})$	140737488355328
4	$\mathcal{O}(7; \{4^{22}, 2^{36}\})$	562949953421312
4	$\mathcal{O}(7; \{4^{24}, 2^{33}\})$	2251799813685248
4	$\mathcal{O}(7; \{4^{26}, 2^{30}\})$	9007199254740992
4	$\mathcal{O}(7; \{4^{28}, 2^{27}\})$	36028797018963968
4	$\mathcal{O}(7; \{4^{30}, 2^{24}\})$	144115188075855872
4	$\mathcal{O}(7; \{4^{32}, 2^{21}\})$	576460752303423488
4	$\mathcal{O}(7; \{4^{34}, 2^{18}\})$	2305843009213693952
4	$\mathcal{O}(7; \{4^{36}, 2^{15}\})$	9223372036854775808
4	$\mathcal{O}(7; \{4^{38}, 2^{12}\})$	36893488147419103232
4	$\mathcal{O}(7; \{4^{40}, 2^9\})$	147573952589676412928
4	$\mathcal{O}(7; \{4^{42}, 2^6\})$	590295810358705651712
4	$\mathcal{O}(7; \{4^{44}, 2^3\})$	2361183241434822606848
4	$\mathcal{O}(7; \{4^{46}\})$	9444732965739290427392
4	$\mathcal{O}(6; \{4^2, 2^{70}\})$	33554432
4	$\mathcal{O}(6; \{4^4, 2^{67}\})$	134217728
4	$\mathcal{O}(6; \{4^6, 2^{64}\})$	536870912
4	$\mathcal{O}(6; \{4^8, 2^{61}\})$	2147483648
4	$\mathcal{O}(6; \{4^{10}, 2^{58}\})$	8589934592
4	$\mathcal{O}(6; \{4^{12}, 2^{55}\})$	34359738368
4	$\mathcal{O}(6; \{4^{14}, 2^{52}\})$	137438953472
4	$\mathcal{O}(6; \{4^{16}, 2^{49}\})$	549755813888
4	$\mathcal{O}(6; \{4^{18}, 2^{46}\})$	2199023255552
4	$\mathcal{O}(6; \{4^{20}, 2^{43}\})$	8796093022208
4	$\mathcal{O}(6; \{4^{22}, 2^{40}\})$	35184372088832
4	$\mathcal{O}(6; \{4^{24}, 2^{37}\})$	140737488355328
4	$\mathcal{O}(6; \{4^{26}, 2^{34}\})$	562949953421312
4	$\mathcal{O}(6; \{4^{28}, 2^{31}\})$	2251799813685248
4	$\mathcal{O}(6; \{4^{30}, 2^{28}\})$	9007199254740992
4	$\mathcal{O}(6; \{4^{32}, 2^{25}\})$	36028797018963968
4	$\mathcal{O}(6; \{4^{34}, 2^{22}\})$	144115188075855872
4	$\mathcal{O}(6; \{4^{36}, 2^{19}\})$	576460752303423488
4	$\mathcal{O}(6; \{4^{38}, 2^{16}\})$	2305843009213693952

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(6; \{4^{40}, 2^{13}\})$	9223372036854775808
4	$\mathcal{O}(6; \{4^{42}, 2^{10}\})$	36893488147419103232
4	$\mathcal{O}(6; \{4^{44}, 2^7\})$	147573952589676412928
4	$\mathcal{O}(6; \{4^{46}, 2^4\})$	590295810358705651712
4	$\mathcal{O}(6; \{4^{48}, 2\})$	2361183241434822606848
4	$\mathcal{O}(5; \{4^2, 2^{74}\})$	2097152
4	$\mathcal{O}(5; \{4^4, 2^{71}\})$	8388608
4	$\mathcal{O}(5; \{4^6, 2^{68}\})$	33554432
4	$\mathcal{O}(5; \{4^8, 2^{65}\})$	134217728
4	$\mathcal{O}(5; \{4^{10}, 2^{62}\})$	536870912
4	$\mathcal{O}(5; \{4^{12}, 2^{59}\})$	2147483648
4	$\mathcal{O}(5; \{4^{14}, 2^{56}\})$	8589934592
4	$\mathcal{O}(5; \{4^{16}, 2^{53}\})$	34359738368
4	$\mathcal{O}(5; \{4^{18}, 2^{50}\})$	137438953472
4	$\mathcal{O}(5; \{4^{20}, 2^{47}\})$	549755813888
4	$\mathcal{O}(5; \{4^{22}, 2^{44}\})$	2190023255552
4	$\mathcal{O}(5; \{4^{24}, 2^{41}\})$	8796093022208
4	$\mathcal{O}(5; \{4^{26}, 2^{38}\})$	35184372088832
4	$\mathcal{O}(5; \{4^{28}, 2^{35}\})$	140737488355328
4	$\mathcal{O}(5; \{4^{30}, 2^{32}\})$	562949953421312
4	$\mathcal{O}(5; \{4^{32}, 2^{29}\})$	2251799813685248
4	$\mathcal{O}(5; \{4^{34}, 2^{26}\})$	9007199254740992
4	$\mathcal{O}(5; \{4^{36}, 2^{23}\})$	36028797018963968
4	$\mathcal{O}(5; \{4^{38}, 2^{20}\})$	144115188075855872
4	$\mathcal{O}(5; \{4^{40}, 2^{17}\})$	576460752303423488
4	$\mathcal{O}(5; \{4^{42}, 2^{14}\})$	2305843009213693952
4	$\mathcal{O}(5; \{4^{44}, 2^{11}\})$	9223372036854775808
4	$\mathcal{O}(5; \{4^{46}, 2^8\})$	36893488147419103232
4	$\mathcal{O}(5; \{4^{48}, 2^5\})$	147573952589676412928
4	$\mathcal{O}(5; \{4^{50}, 2^2\})$	590295810358705651712
4	$\mathcal{O}(4; \{4^2, 2^{78}\})$	131072
4	$\mathcal{O}(4; \{4^4, 2^{75}\})$	524288
4	$\mathcal{O}(4; \{4^6, 2^{72}\})$	2097152
4	$\mathcal{O}(4; \{4^8, 2^{69}\})$	8388608
4	$\mathcal{O}(4; \{4^{10}, 2^{66}\})$	33554432
4	$\mathcal{O}(4; \{4^{12}, 2^{63}\})$	134217728
4	$\mathcal{O}(4; \{4^{14}, 2^{60}\})$	536870912
4	$\mathcal{O}(4; \{4^{16}, 2^{57}\})$	2147483648
4	$\mathcal{O}(4; \{4^{18}, 2^{54}\})$	8589934592
4	$\mathcal{O}(4; \{4^{20}, 2^{51}\})$	34359738368
4	$\mathcal{O}(4; \{4^{22}, 2^{48}\})$	137438953472
4	$\mathcal{O}(4; \{4^{24}, 2^{45}\})$	549755813888
4	$\mathcal{O}(4; \{4^{26}, 2^{42}\})$	2190023255552

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(4; \{4^{28}, 2^{39}\})$	8796093022208
4	$\mathcal{O}(4; \{4^{30}, 2^{36}\})$	35184372088832
4	$\mathcal{O}(4; \{4^{32}, 2^{33}\})$	140737488355328
4	$\mathcal{O}(4; \{4^{34}, 2^{30}\})$	562949953421312
4	$\mathcal{O}(4; \{4^{36}, 2^{27}\})$	2251799813685248
4	$\mathcal{O}(4; \{4^{38}, 2^{24}\})$	9007199254740992
4	$\mathcal{O}(4; \{4^{40}, 2^{21}\})$	36028797018963968
4	$\mathcal{O}(4; \{4^{42}, 2^{18}\})$	144115188075855872
4	$\mathcal{O}(4; \{4^{44}, 2^{15}\})$	576460752303423488
4	$\mathcal{O}(4; \{4^{46}, 2^{12}\})$	2305843009213693952
4	$\mathcal{O}(4; \{4^{48}, 2^9\})$	9223372036854775808
4	$\mathcal{O}(4; \{4^{50}, 2^6\})$	36893488147419103232
4	$\mathcal{O}(4; \{4^{52}, 2^3\})$	147573952589676412928
4	$\mathcal{O}(4; \{4^{54}\})$	590295810358705651712
4	$\mathcal{O}(3; \{4^2, 2^{82}\})$	8192
4	$\mathcal{O}(3; \{4^4, 2^{79}\})$	32768
4	$\mathcal{O}(3; \{4^6, 2^{76}\})$	131072
4	$\mathcal{O}(3; \{4^8, 2^{73}\})$	524288
4	$\mathcal{O}(3; \{4^{10}, 2^{70}\})$	2097152
4	$\mathcal{O}(3; \{4^{12}, 2^{67}\})$	8388608
4	$\mathcal{O}(3; \{4^{14}, 2^{64}\})$	33554432
4	$\mathcal{O}(3; \{4^{16}, 2^{61}\})$	134217728
4	$\mathcal{O}(3; \{4^{18}, 2^{58}\})$	536870912
4	$\mathcal{O}(3; \{4^{20}, 2^{55}\})$	2147483648
4	$\mathcal{O}(3; \{4^{22}, 2^{52}\})$	8589934592
4	$\mathcal{O}(3; \{4^{24}, 2^{49}\})$	34359738368
4	$\mathcal{O}(3; \{4^{26}, 2^{46}\})$	137438953472
4	$\mathcal{O}(3; \{4^{28}, 2^{43}\})$	549755813888
4	$\mathcal{O}(3; \{4^{30}, 2^{40}\})$	2199023255552
4	$\mathcal{O}(3; \{4^{32}, 2^{37}\})$	8796093022208
4	$\mathcal{O}(3; \{4^{34}, 2^{34}\})$	35184372088832
4	$\mathcal{O}(3; \{4^{36}, 2^{31}\})$	140737488355328
4	$\mathcal{O}(3; \{4^{38}, 2^{28}\})$	562949953421312
4	$\mathcal{O}(3; \{4^{40}, 2^{25}\})$	2251799813685248
4	$\mathcal{O}(3; \{4^{42}, 2^{22}\})$	9007199254740992
4	$\mathcal{O}(3; \{4^{44}, 2^{19}\})$	36028797018963968
4	$\mathcal{O}(3; \{4^{46}, 2^{16}\})$	144115188075855872
4	$\mathcal{O}(3; \{4^{48}, 2^{13}\})$	576460752303423488
4	$\mathcal{O}(3; \{4^{50}, 2^{10}\})$	2305843009213693952
4	$\mathcal{O}(3; \{4^{52}, 2^7\})$	9223372036854775808
4	$\mathcal{O}(3; \{4^{54}, 2^4\})$	36893488147419103232
4	$\mathcal{O}(3; \{4^{56}, 2\})$	147573952589676412928
4	$\mathcal{O}(2; \{4^2, 2^{86}\})$	512

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(2; \{4^4, 2^{83}\})$	2048
4	$\mathcal{O}(2; \{4^6, 2^{80}\})$	8192
4	$\mathcal{O}(2; \{4^8, 2^{77}\})$	32768
4	$\mathcal{O}(2; \{4^{10}, 2^{74}\})$	131072
4	$\mathcal{O}(2; \{4^{12}, 2^{71}\})$	524288
4	$\mathcal{O}(2; \{4^{14}, 2^{68}\})$	2097152
4	$\mathcal{O}(2; \{4^{16}, 2^{65}\})$	8388608
4	$\mathcal{O}(2; \{4^{18}, 2^{62}\})$	33554432
4	$\mathcal{O}(2; \{4^{20}, 2^{59}\})$	134217728
4	$\mathcal{O}(2; \{4^{22}, 2^{56}\})$	536870912
4	$\mathcal{O}(2; \{4^{24}, 2^{53}\})$	2147483648
4	$\mathcal{O}(2; \{4^{26}, 2^{50}\})$	8589934592
4	$\mathcal{O}(2; \{4^{28}, 2^{47}\})$	34359738368
4	$\mathcal{O}(2; \{4^{30}, 2^{44}\})$	137438953472
4	$\mathcal{O}(2; \{4^{32}, 2^{41}\})$	549755813888
4	$\mathcal{O}(2; \{4^{34}, 2^{38}\})$	219023255552
4	$\mathcal{O}(2; \{4^{36}, 2^{35}\})$	8796093022208
4	$\mathcal{O}(2; \{4^{38}, 2^{32}\})$	35184372088832
4	$\mathcal{O}(2; \{4^{40}, 2^{29}\})$	140737488355328
4	$\mathcal{O}(2; \{4^{42}, 2^{26}\})$	562949953421312
4	$\mathcal{O}(2; \{4^{44}, 2^{23}\})$	2251799813685248
4	$\mathcal{O}(2; \{4^{46}, 2^{20}\})$	9007199254740992
4	$\mathcal{O}(2; \{4^{48}, 2^{17}\})$	36028797018963968
4	$\mathcal{O}(2; \{4^{50}, 2^{14}\})$	144115188075855872
4	$\mathcal{O}(2; \{4^{52}, 2^{11}\})$	576460752303423488
4	$\mathcal{O}(2; \{4^{54}, 2^8\})$	2305843009213693952
4	$\mathcal{O}(2; \{4^{56}, 2^5\})$	9223372036854775808
4	$\mathcal{O}(2; \{4^{58}, 2^2\})$	36893488147419103232
4	$\mathcal{O}(1; \{4^2, 2^{90}\})$	32
4	$\mathcal{O}(1; \{4^4, 2^{87}\})$	128
4	$\mathcal{O}(1; \{4^6, 2^{84}\})$	512
4	$\mathcal{O}(1; \{4^8, 2^{81}\})$	2048
4	$\mathcal{O}(1; \{4^{10}, 2^{78}\})$	8192
4	$\mathcal{O}(1; \{4^{12}, 2^{75}\})$	32768
4	$\mathcal{O}(1; \{4^{14}, 2^{72}\})$	131072
4	$\mathcal{O}(1; \{4^{16}, 2^{69}\})$	524288
4	$\mathcal{O}(1; \{4^{18}, 2^{66}\})$	2097152
4	$\mathcal{O}(1; \{4^{20}, 2^{63}\})$	8388608
4	$\mathcal{O}(1; \{4^{22}, 2^{60}\})$	33554432
4	$\mathcal{O}(1; \{4^{24}, 2^{57}\})$	134217728
4	$\mathcal{O}(1; \{4^{26}, 2^{54}\})$	536870912
4	$\mathcal{O}(1; \{4^{28}, 2^{51}\})$	2147483648
4	$\mathcal{O}(1; \{4^{30}, 2^{48}\})$	8589934592

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(1; \{4^{32}, 2^{45}\})$	34359738368
4	$\mathcal{O}(1; \{4^{34}, 2^{42}\})$	137438953472
4	$\mathcal{O}(1; \{4^{36}, 2^{39}\})$	549755813888
4	$\mathcal{O}(1; \{4^{38}, 2^{36}\})$	2199023255552
4	$\mathcal{O}(1; \{4^{40}, 2^{33}\})$	8796093022208
4	$\mathcal{O}(1; \{4^{42}, 2^{30}\})$	35184372088832
4	$\mathcal{O}(1; \{4^{44}, 2^{27}\})$	140737488355328
4	$\mathcal{O}(1; \{4^{46}, 2^{24}\})$	562949953421312
4	$\mathcal{O}(1; \{4^{48}, 2^{21}\})$	2251799813685248
4	$\mathcal{O}(1; \{4^{50}, 2^{18}\})$	9007199254740992
4	$\mathcal{O}(1; \{4^{52}, 2^{15}\})$	36028797018963968
4	$\mathcal{O}(1; \{4^{54}, 2^{12}\})$	144115188075855872
4	$\mathcal{O}(1; \{4^{56}, 2^9\})$	576460752303423488
4	$\mathcal{O}(1; \{4^{58}, 2^6\})$	2305843009213693952
4	$\mathcal{O}(1; \{4^{60}, 2^3\})$	9223372036854775808
4	$\mathcal{O}(1; \{4^{62}\})$	36893488147419103232
4	$\mathcal{O}(0; \{4^2, 2^{94}\})$	2
4	$\mathcal{O}(0; \{4^4, 2^{91}\})$	8
4	$\mathcal{O}(0; \{4^6, 2^{88}\})$	32
4	$\mathcal{O}(0; \{4^8, 2^{85}\})$	128
4	$\mathcal{O}(0; \{4^{10}, 2^{82}\})$	512
4	$\mathcal{O}(0; \{4^{12}, 2^{79}\})$	2048
4	$\mathcal{O}(0; \{4^{14}, 2^{76}\})$	8192
4	$\mathcal{O}(0; \{4^{16}, 2^{73}\})$	32768
4	$\mathcal{O}(0; \{4^{18}, 2^{70}\})$	131072
4	$\mathcal{O}(0; \{4^{20}, 2^{67}\})$	524288
4	$\mathcal{O}(0; \{4^{22}, 2^{64}\})$	2097152
4	$\mathcal{O}(0; \{4^{24}, 2^{61}\})$	8388608
4	$\mathcal{O}(0; \{4^{26}, 2^{58}\})$	33554432
4	$\mathcal{O}(0; \{4^{28}, 2^{55}\})$	134217728
4	$\mathcal{O}(0; \{4^{30}, 2^{52}\})$	536870912
4	$\mathcal{O}(0; \{4^{32}, 2^{49}\})$	2147483648
4	$\mathcal{O}(0; \{4^{34}, 2^{46}\})$	8589934592
4	$\mathcal{O}(0; \{4^{36}, 2^{43}\})$	34359738368
4	$\mathcal{O}(0; \{4^{38}, 2^{40}\})$	137438953472
4	$\mathcal{O}(0; \{4^{40}, 2^{37}\})$	549755813888
4	$\mathcal{O}(0; \{4^{42}, 2^{34}\})$	2199023255552
4	$\mathcal{O}(0; \{4^{44}, 2^{31}\})$	8796093022208
4	$\mathcal{O}(0; \{4^{46}, 2^{28}\})$	35184372088832
4	$\mathcal{O}(0; \{4^{48}, 2^{25}\})$	140737488355328
4	$\mathcal{O}(0; \{4^{50}, 2^{22}\})$	562949953421312
4	$\mathcal{O}(0; \{4^{52}, 2^{19}\})$	2251799813685248
4	$\mathcal{O}(0; \{4^{54}, 2^{16}\})$	9007199254740992

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(0; \{4^{56}, 2^{13}\})$	36028797018963968
4	$\mathcal{O}(0; \{4^{58}, 2^{10}\})$	144115188075855872
4	$\mathcal{O}(0; \{4^{60}, 2^7\})$	576460752303423488
4	$\mathcal{O}(0; \{4^{62}, 2^4\})$	2305843009213693952
4	$\mathcal{O}(0; \{4^{64}, 2\})$	9223372036854775808
5	$\mathcal{O}(18; \{5^4\})$	756699591875076293945312500
5	$\mathcal{O}(16; \{5^9\})$	1220684498548507690429687500
5	$\mathcal{O}(14; \{5^{14}\})$	2000000029802322387695312500
5	$\mathcal{O}(12; \{5^{19}\})$	327679999952316284179687500
5	$\mathcal{O}(10; \{5^{24}\})$	5368709120000076293945312500
5	$\mathcal{O}(8; \{5^{29}\})$	8796093022207999877929687500
5	$\mathcal{O}(6; \{5^{34}\})$	14411518807585587200195312500
5	$\mathcal{O}(4; \{5^{39}\})$	23611832414348226068479687500
5	$\mathcal{O}(2; \{5^{44}\})$	38685626227668133590597632500
5	$\mathcal{O}(0; \{5^{49}\})$	63382530011411470074835160268
6	$\mathcal{O}(16; \{2^2\})$	7958661109946396589424640
6	$\mathcal{O}(15; \{2^6\})$	221073919720732284157952
6	$\mathcal{O}(15; \{3^3, 2^2\})$	442147839441466715799552
6	$\mathcal{O}(15; \{6, 3, 2^3\})$	442147839441466715799552
6	$\mathcal{O}(15; \{6^2, 3^2\})$	1326443518324400147398656
6	$\mathcal{O}(15; \{6^3, 2\})$	442147839441466715799552
6	$\mathcal{O}(14; \{2^{10}\})$	6140942214464547061760
6	$\mathcal{O}(14; \{3^3, 2^6\})$	12281884428929630994432
6	$\mathcal{O}(14; \{3^6, 2^2\})$	135100728718225940938752
6	$\mathcal{O}(14; \{6, 3, 2^7\})$	12281884428929630994432
6	$\mathcal{O}(14; \{6, 3^4, 2^3\})$	61409422144648154972160
6	$\mathcal{O}(14; \{6^2, 3^2, 2^4\})$	36845653286788892983296
6	$\mathcal{O}(14; \{6^2, 3^5\})$	257919573007522250883072
6	$\mathcal{O}(14; \{6^3, 2^5\})$	12281884428929630994432
6	$\mathcal{O}(14; \{6^3, 3^3, 2\})$	135100728718225940938752
6	$\mathcal{O}(14; \{6^4, 3, 2^2\})$	61409422144648154972160
6	$\mathcal{O}(14; \{6^6\})$	135100728718225940938752
6	$\mathcal{O}(13; \{2^{14}\})$	170581728179511099392
6	$\mathcal{O}(13; \{3^3, 2^{10}\})$	341163456359156416512
6	$\mathcal{O}(13; \{3^6, 2^6\})$	3752798019950720581632
6	$\mathcal{O}(13; \{3^9, 2^2\})$	28998893790528295403520
6	$\mathcal{O}(13; \{6, 3, 2^{11}\})$	341163456359156416512
6	$\mathcal{O}(13; \{6, 3^4, 2^7\})$	1705817281795782082560
6	$\mathcal{O}(13; \{6, 3^7, 2^3\})$	14670028623443725910016
6	$\mathcal{O}(13; \{6^2, 3^2, 2^8\})$	1023490369077469249536
6	$\mathcal{O}(13; \{6^2, 3^5, 2^4\})$	7164432583542284746752
6	$\mathcal{O}(13; \{6^2, 3^8\})$	58338951037415747223552
6	$\mathcal{O}(13; \{6^3, 2^9\})$	341163456359156416512

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(13; \{6^3, 3^3, 2^5\})$	3752798019950720581632
6	$\mathcal{O}(13; \{6^3, 3^6, 2\})$	28998893790528295403520
6	$\mathcal{O}(13; \{6^4, 3, 2^6\})$	1705817281795782082560
6	$\mathcal{O}(13; \{6^4, 3^4, 2^2\})$	14670028623443725910016
6	$\mathcal{O}(13; \{6^5, 3^2, 2^3\})$	7164432583542284746752
6	$\mathcal{O}(13; \{6^6, 2^4\})$	3752798019950720581632
6	$\mathcal{O}(13; \{6^6, 3^3\})$	28998893790528295403520
6	$\mathcal{O}(13; \{6^7, 3, 2\})$	14670028623443725910016
6	$\mathcal{O}(12; \{2^{18}\})$	4738381338304839680
6	$\mathcal{O}(12; \{3^3, 2^{14}\})$	9476762676643233792
6	$\mathcal{O}(12; \{3^6, 2^{10}\})$	104244389443075571712
6	$\mathcal{O}(12; \{3^9, 2^6\})$	805524827514674872320
6	$\mathcal{O}(12; \{3^{12}, 2^2\})$	6472628908147328679936
6	$\mathcal{O}(12; \{6, 3, 2^{15}\})$	9476762676643233792
6	$\mathcal{O}(12; \{6, 3^4, 2^{11}\})$	47383813383216168960
6	$\mathcal{O}(12; \{6, 3^7, 2^7\})$	407500795095659053056
6	$\mathcal{O}(12; \{6, 3^{10}, 2^3\})$	3231576072735342723072
6	$\mathcal{O}(12; \{6^2, 3^2, 2^{12}\})$	28430288029929701376
6	$\mathcal{O}(12; \{6^2, 3^5, 2^8\})$	199012016209507909632
6	$\mathcal{O}(12; \{6^2, 3^8, 2^4\})$	1620526417705992978432
6	$\mathcal{O}(12; \{6^2, 3^{11}\})$	12935781053618014126080
6	$\mathcal{O}(12; \{6^3, 2^{13}\})$	9476762676643233792
6	$\mathcal{O}(12; \{6^3, 3^3, 2^9\})$	104244389443075571712
6	$\mathcal{O}(12; \{6^3, 3^6, 2^5\})$	805524827514674872320
6	$\mathcal{O}(12; \{6^3, 3^9, 2\})$	6472628908147328679936
6	$\mathcal{O}(12; \{6^4, 3, 2^{10}\})$	47383813383216168960
6	$\mathcal{O}(12; \{6^4, 3^4, 2^6\})$	407500795095659053056
6	$\mathcal{O}(12; \{6^4, 3^7, 2^2\})$	3231576072735342723072
6	$\mathcal{O}(12; \{6^5, 3^2, 2^7\})$	199012016209507909632
6	$\mathcal{O}(12; \{6^5, 3^5, 2^3\})$	1620526417705992978432
6	$\mathcal{O}(12; \{6^6, 2^8\})$	104244389443075571712
6	$\mathcal{O}(12; \{6^6, 3^3, 2^4\})$	805524827514674872320
6	$\mathcal{O}(12; \{6^6, 3^6\})$	6472628908147328679936
6	$\mathcal{O}(12; \{6^7, 3, 2^5\})$	407500795095659053056
6	$\mathcal{O}(12; \{6^7, 3^4, 2\})$	3231576072735342723072
6	$\mathcal{O}(12; \{6^8, 3^2, 2^2\})$	1620526417705992978432
6	$\mathcal{O}(12; \{6^9, 2^3\})$	805524827514674872320
6	$\mathcal{O}(12; \{6^{10}, 3\})$	3231576072735342723072
6	$\mathcal{O}(11; \{2^{22}\})$	131621703838072832
6	$\mathcal{O}(11; \{3^3, 2^{18}\})$	263243407684534272
6	$\mathcal{O}(11; \{3^6, 2^{14}\})$	2895677484529876992
6	$\mathcal{O}(11; \{3^9, 2^{10}\})$	22375689653185413120
6	$\mathcal{O}(11; \{3^{12}, 2^6\})$	179795247448536907776

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(11; \{3^{15}, 2^2\})$	1437572249365241659392
6	$\mathcal{O}(11; \{6, 3, 2^{19}\})$	263243407684534272
6	$\mathcal{O}(11; \{6, 3^4, 2^{15}\})$	1316217038422671360
6	$\mathcal{O}(11; \{6, 3^7, 2^{11}\})$	11319466530434973696
6	$\mathcal{O}(11; \{6, 3^{10}, 2^7\})$	89766002020426186752
6	$\mathcal{O}(11; \{6, 3^{13}, 2^3\})$	718917746386463096832
6	$\mathcal{O}(11; \{6^2, 3^2, 2^{16}\})$	789730223053602816
6	$\mathcal{O}(11; \{6^2, 3^5, 2^{12}\})$	5528111561375219712
6	$\mathcal{O}(11; \{6^2, 3^8, 2^8\})$	45014622714055360512
6	$\mathcal{O}(11; \{6^2, 3^{11}, 2^4\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^2, 3^{14}\})$	2875407742138167853056
6	$\mathcal{O}(11; \{6^3, 2^{17}\})$	263243407684534272
6	$\mathcal{O}(11; \{6^3, 3^3, 2^{13}\})$	2895677484529876992
6	$\mathcal{O}(11; \{6^3, 3^6, 2^9\})$	22375689653185413120
6	$\mathcal{O}(11; \{6^3, 3^9, 2^5\})$	179795247448536907776
6	$\mathcal{O}(11; \{6^3, 3^{12}, 2\})$	1437572249365241659392
6	$\mathcal{O}(11; \{6^4, 3, 2^{14}\})$	1316217038422671360
6	$\mathcal{O}(11; \{6^4, 3^4, 2^{10}\})$	11319466530434973696
6	$\mathcal{O}(11; \{6^4, 3^7, 2^6\})$	89766002020426186752
6	$\mathcal{O}(11; \{6^4, 3^{10}, 2^2\})$	718917746386463096832
6	$\mathcal{O}(11; \{6^5, 3^2, 2^{11}\})$	5528111561375219712
6	$\mathcal{O}(11; \{6^5, 3^5, 2^7\})$	45014622714055360512
6	$\mathcal{O}(11; \{6^5, 3^8, 2^3\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^6, 2^{12}\})$	2895677484529876992
6	$\mathcal{O}(11; \{6^6, 3^3, 2^8\})$	22375689653185413120
6	$\mathcal{O}(11; \{6^6, 3^6, 2^4\})$	179795247448536907776
6	$\mathcal{O}(11; \{6^6, 3^9\})$	1437572249365241659392
6	$\mathcal{O}(11; \{6^7, 3, 2^9\})$	11319466530434973696
6	$\mathcal{O}(11; \{6^7, 3^4, 2^5\})$	89766002020426186752
6	$\mathcal{O}(11; \{6^7, 3^7, 2\})$	718917746386463096832
6	$\mathcal{O}(11; \{6^8, 3^2, 2^6\})$	45014622714055360512
6	$\mathcal{O}(11; \{6^8, 3^5, 2^2\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^9, 2^7\})$	22375689653185413120
6	$\mathcal{O}(11; \{6^9, 3^3, 2^3\})$	179795247448536907776
6	$\mathcal{O}(11; \{6^{10}, 3, 2^4\})$	89766002020426186752
6	$\mathcal{O}(11; \{6^{10}, 3^4\})$	718917746386463096832
6	$\mathcal{O}(11; \{6^{11}, 3^2, 2\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^{12}, 2^2\})$	179795247448536907776
6	$\mathcal{O}(10; \{2^{26}\})$	3656158439014400
6	$\mathcal{O}(10; \{3^3, 2^{22}\})$	7312316880125952
6	$\mathcal{O}(10; \{3^6, 2^{18}\})$	80435485681385472
6	$\mathcal{O}(10; \{3^9, 2^{14}\})$	621546934810705920
6	$\mathcal{O}(10; \{3^{12}, 2^{10}\})$	4994312429126025216

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(10; \{3^{15}, 2^6\})$	39932562482367823872
6	$\mathcal{O}(10; \{3^{18}, 2^2\})$	319482436809582968832
6	$\mathcal{O}(10; \{6, 3, 2^{23}\})$	7312316880125952
6	$\mathcal{O}(10; \{6, 3^4, 2^{19}\})$	36561584400629760
6	$\mathcal{O}(10; \{6, 3^7, 2^{15}\})$	314429625845415936
6	$\mathcal{O}(10; \{6, 3^{10}, 2^{11}\})$	2493500056122949632
6	$\mathcal{O}(10; \{6, 3^{13}, 2^7\})$	19969937399623974912
6	$\mathcal{O}(10; \{6, 3^{16}, 2^3\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^2, 3^2, 2^{20}\})$	21936950640377856
6	$\mathcal{O}(10; \{6^2, 3^5, 2^{16}\})$	153558654482644992
6	$\mathcal{O}(10; \{6^2, 3^8, 2^{12}\})$	1250406186501537792
6	$\mathcal{O}(10; \{6^2, 3^{11}, 2^8\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^2, 3^{14}, 2^4\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^2, 3^{17}\})$	638957561302285811712
6	$\mathcal{O}(10; \{6^3, 2^{21}\})$	7312316880125952
6	$\mathcal{O}(10; \{6^3, 3^3, 2^{17}\})$	80435485681385472
6	$\mathcal{O}(10; \{6^3, 3^6, 2^{13}\})$	621546934810705920
6	$\mathcal{O}(10; \{6^3, 3^9, 2^9\})$	4994312429126025216
6	$\mathcal{O}(10; \{6^3, 3^{12}, 2^5\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^3, 3^{15}, 2\})$	319482436809582968832
6	$\mathcal{O}(10; \{6^4, 3, 2^{18}\})$	36561584400629760
6	$\mathcal{O}(10; \{6^4, 3^4, 2^{14}\})$	314429625845415936
6	$\mathcal{O}(10; \{6^4, 3^7, 2^{10}\})$	2493500056122949632
6	$\mathcal{O}(10; \{6^4, 3^{10}, 2^6\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^4, 3^{13}, 2^2\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^5, 3^2, 2^{15}\})$	153558654482644992
6	$\mathcal{O}(10; \{6^5, 3^5, 2^{11}\})$	1250406186501537792
6	$\mathcal{O}(10; \{6^5, 3^8, 2^7\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^5, 3^{11}, 2^3\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^6, 2^{16}\})$	80435485681385472
6	$\mathcal{O}(10; \{6^6, 3^3, 2^{12}\})$	621546934810705920
6	$\mathcal{O}(10; \{6^6, 3^6, 2^8\})$	4994312429126025216
6	$\mathcal{O}(10; \{6^6, 3^9, 2^4\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^6, 3^{12}\})$	319482436809582968832
6	$\mathcal{O}(10; \{6^7, 3, 2^{13}\})$	314429625845415936
6	$\mathcal{O}(10; \{6^7, 3^4, 2^9\})$	2493500056122949632
6	$\mathcal{O}(10; \{6^7, 3^7, 2^5\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^7, 3^{10}, 2\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^8, 3^2, 2^{10}\})$	1250406186501537792
6	$\mathcal{O}(10; \{6^8, 3^5, 2^6\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^8, 3^8, 2^2\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^9, 2^{11}\})$	621546934810705920
6	$\mathcal{O}(10; \{6^9, 3^3, 2^7\})$	4994312429126025216

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(10; \{6^9, 3^6, 2^3\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^{10}, 3, 2^8\})$	2493500056122949632
6	$\mathcal{O}(10; \{6^{10}, 3^4, 2^4\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^{10}, 3^7\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^{11}, 3^2, 2^5\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^{11}, 3^5, 2\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^{12}, 2^6\})$	4994312429126025216
6	$\mathcal{O}(10; \{6^{12}, 3^3, 2^2\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^{13}, 3, 2^3\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^{14}, 3^2\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^{15}, 2\})$	39932562482367823872
6	$\mathcal{O}(9; \{2^{30}\})$	101559956406272
6	$\mathcal{O}(9; \{3^3, 2^{26}\})$	203119913336832
6	$\mathcal{O}(9; \{3^6, 2^{22}\})$	2234319046705152
6	$\mathcal{O}(9; \{3^9, 2^{18}\})$	17265192633630720
6	$\mathcal{O}(9; \{3^{12}, 2^{14}\})$	138730900809056256
6	$\mathcal{O}(9; \{3^{15}, 2^{10}\})$	1109237846732439552
6	$\mathcal{O}(9; \{3^{18}, 2^6\})$	8874512133599526912
6	$\mathcal{O}(9; \{3^{21}, 2^2\})$	70995487709056204800
6	$\mathcal{O}(9; \{6, 3, 2^{27}\})$	203119913336832
6	$\mathcal{O}(9; \{6, 3^4, 2^{23}\})$	1015599566684160
6	$\mathcal{O}(9; \{6, 3^7, 2^{19}\})$	8734156273483776
6	$\mathcal{O}(9; \{6, 3^{10}, 2^{15}\})$	69263890447859712
6	$\mathcal{O}(9; \{6, 3^{13}, 2^{11}\})$	554720483322888192
6	$\mathcal{O}(9; \{6, 3^{16}, 2^7\})$	4437154506843095040
6	$\mathcal{O}(9; \{6, 3^{19}, 2^3\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^2, 3^2, 2^{24}\})$	609359740010496
6	$\mathcal{O}(9; \{6^2, 3^5, 2^{20}\})$	4265518180073472
6	$\mathcal{O}(9; \{6^2, 3^8, 2^{16}\})$	34733505180598272
6	$\mathcal{O}(9; \{6^2, 3^{11}, 2^{12}\})$	277258681704775680
6	$\mathcal{O}(9; \{6^2, 3^{14}, 2^8\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^2, 3^{17}, 2^4\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^2, 3^{20}\})$	141991178538025746432
6	$\mathcal{O}(9; \{6^3, 2^{25}\})$	203119913336832
6	$\mathcal{O}(9; \{6^3, 3^3, 2^{21}\})$	2234319046705152
6	$\mathcal{O}(9; \{6^3, 3^6, 2^{17}\})$	17265192633630720
6	$\mathcal{O}(9; \{6^3, 3^9, 2^{13}\})$	138730900809056256
6	$\mathcal{O}(9; \{6^3, 3^{12}, 2^9\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^3, 3^{15}, 2^5\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^3, 3^{18}, 2\})$	70995487709056204800
6	$\mathcal{O}(9; \{6^4, 3, 2^{22}\})$	1015599566684160
6	$\mathcal{O}(9; \{6^4, 3^4, 2^{18}\})$	8734156273483776
6	$\mathcal{O}(9; \{6^4, 3^7, 2^{14}\})$	69263890447859712

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(9; \{6^4, 3^{10}, 2^{10}\})$	554720483322888192
6	$\mathcal{O}(9; \{6^4, 3^{13}, 2^6\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^4, 3^{16}, 2^2\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^5, 3^2, 2^{19}\})$	4265518180073472
6	$\mathcal{O}(9; \{6^5, 3^5, 2^{15}\})$	34733505180598272
6	$\mathcal{O}(9; \{6^5, 3^8, 2^{11}\})$	277258681704775680
6	$\mathcal{O}(9; \{6^5, 3^{11}, 2^7\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^5, 3^{14}, 2^3\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^6, 2^{20}\})$	2234319046705152
6	$\mathcal{O}(9; \{6^6, 3^3, 2^{16}\})$	17265192633630720
6	$\mathcal{O}(9; \{6^6, 3^6, 2^{12}\})$	138730900809056256
6	$\mathcal{O}(9; \{6^6, 3^9, 2^8\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^6, 3^{12}, 2^4\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^6, 3^{15}\})$	70995487709056204800
6	$\mathcal{O}(9; \{6^7, 3, 2^{17}\})$	8734156273483776
6	$\mathcal{O}(9; \{6^7, 3^4, 2^{13}\})$	69263890447859712
6	$\mathcal{O}(9; \{6^7, 3^7, 2^9\})$	554720483322888192
6	$\mathcal{O}(9; \{6^7, 3^{10}, 2^5\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^7, 3^{13}, 2\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^8, 3^2, 2^{14}\})$	34733505180598272
6	$\mathcal{O}(9; \{6^8, 3^5, 2^{10}\})$	277258681704775680
6	$\mathcal{O}(9; \{6^8, 3^8, 2^6\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^8, 3^{11}, 2^2\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^9, 2^{15}\})$	17265192633630720
6	$\mathcal{O}(9; \{6^9, 3^3, 2^{11}\})$	138730900809056256
6	$\mathcal{O}(9; \{6^9, 3^6, 2^7\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^9, 3^9, 2^3\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^{10}, 3, 2^{12}\})$	69263890447859712
6	$\mathcal{O}(9; \{6^{10}, 3^4, 2^8\})$	554720483322888192
6	$\mathcal{O}(9; \{6^{10}, 3^7, 2^4\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^{10}, 3^{10}\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^{11}, 3^2, 2^9\})$	277258681704775680
6	$\mathcal{O}(9; \{6^{11}, 3^5, 2^5\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^{11}, 3^8, 2\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^{12}, 2^{10}\})$	138730900809056256
6	$\mathcal{O}(9; \{6^{12}, 3^3, 2^6\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^{12}, 3^6, 2^2\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^{13}, 3, 2^7\})$	554720483322888192
6	$\mathcal{O}(9; \{6^{13}, 3^4, 2^3\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^{14}, 3^2, 2^4\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^{14}, 3^5\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^{15}, 2^5\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^{15}, 3^3, 2\})$	8874512133599526912

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(9; \{6^{16}, 3, 2^2\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^{18}\})$	8874512133599526912
6	$\mathcal{O}(8; \{2^{34}\})$	2821109841920
6	$\mathcal{O}(8; \{3^3, 2^{30}\})$	5642219814912
6	$\mathcal{O}(8; \{3^6, 2^{26}\})$	62064417964032
6	$\mathcal{O}(8; \{3^9, 2^{22}\})$	479588684267520
6	$\mathcal{O}(8; \{3^{12}, 2^{18}\})$	3853636133584896
6	$\mathcal{O}(8; \{3^{15}, 2^{14}\})$	30812162409234432
6	$\mathcal{O}(8; \{3^{18}, 2^{10}\})$	246514225933320192
6	$\mathcal{O}(8; \{3^{21}, 2^6\})$	1972096880807116800
6	$\mathcal{O}(8; \{3^{24}, 2^2\})$	15776791973116379136
6	$\mathcal{O}(8; \{6, 3, 2^{31}\})$	5642219814912
6	$\mathcal{O}(8; \{6, 3^4, 2^{27}\})$	28211099074560
6	$\mathcal{O}(8; \{6, 3^7, 2^{23}\})$	242615452041216
6	$\mathcal{O}(8; \{6, 3^{10}, 2^{19}\})$	1923996956884992
6	$\mathcal{O}(8; \{6, 3^{13}, 2^{15}\})$	15408902314524672
6	$\mathcal{O}(8; \{6, 3^{16}, 2^{11}\})$	123254291856752640
6	$\mathcal{O}(8; \{6, 3^{19}, 2^7\})$	986051261513465856
6	$\mathcal{O}(8; \{6, 3^{22}, 2^3\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^2, 3^2, 2^{28}\})$	16926659444736
6	$\mathcal{O}(8; \{6^2, 3^5, 2^{24}\})$	118486616113152
6	$\mathcal{O}(8; \{6^2, 3^8, 2^{20}\})$	964819588349952
6	$\mathcal{O}(8; \{6^2, 3^{11}, 2^{16}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^2, 3^{14}, 2^{12}\})$	61629967038283776
6	$\mathcal{O}(8; \{6^2, 3^{17}, 2^8\})$	493022809646825472
6	$\mathcal{O}(8; \{6^2, 3^{20}, 2^4\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^2, 3^{23}\})$	31553578304012943360
6	$\mathcal{O}(8; \{6^3, 2^{29}\})$	5642219814912
6	$\mathcal{O}(8; \{6^3, 3^3, 2^{25}\})$	62064417964032
6	$\mathcal{O}(8; \{6^3, 3^6, 2^{21}\})$	479588684267520
6	$\mathcal{O}(8; \{6^3, 3^9, 2^{17}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^3, 3^{12}, 2^{13}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^3, 3^{15}, 2^9\})$	246514225933320192
6	$\mathcal{O}(8; \{6^3, 3^{18}, 2^5\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^3, 3^{21}, 2\})$	15776791973116379136
6	$\mathcal{O}(8; \{6^4, 3, 2^{26}\})$	28211099074560
6	$\mathcal{O}(8; \{6^4, 3^4, 2^{22}\})$	242615452041216
6	$\mathcal{O}(8; \{6^4, 3^7, 2^{18}\})$	1923996956884992
6	$\mathcal{O}(8; \{6^4, 3^{10}, 2^{14}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^4, 3^{13}, 2^{10}\})$	123254291856752640
6	$\mathcal{O}(8; \{6^4, 3^{16}, 2^6\})$	986051261513465856
6	$\mathcal{O}(8; \{6^4, 3^{19}, 2^2\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^5, 3^2, 2^{23}\})$	118486616113152

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(8; \{6^5, 3^5, 2^{19}\})$	964819588349952
6	$\mathcal{O}(8; \{6^5, 3^8, 2^{15}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^5, 3^{11}, 2^{11}\})$	61629967038283776
6	$\mathcal{O}(8; \{6^5, 3^{14}, 2^7\})$	493022809646825472
6	$\mathcal{O}(8; \{6^5, 3^{17}, 2^3\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^6, 2^{24}\})$	62064417964032
6	$\mathcal{O}(8; \{6^6, 3^3, 2^{20}\})$	479588684267520
6	$\mathcal{O}(8; \{6^6, 3^6, 2^{16}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^6, 3^9, 2^{12}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^6, 3^{12}, 2^8\})$	246514225933320192
6	$\mathcal{O}(8; \{6^6, 3^{15}, 2^4\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^6, 3^{18}\})$	15776791973116379136
6	$\mathcal{O}(8; \{6^7, 3, 2^{21}\})$	242615452041216
6	$\mathcal{O}(8; \{6^7, 3^4, 2^{17}\})$	1923996956884992
6	$\mathcal{O}(8; \{6^7, 3^7, 2^{13}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^7, 3^{10}, 2^9\})$	123254291856752640
6	$\mathcal{O}(8; \{6^7, 3^{13}, 2^5\})$	986051261513465856
6	$\mathcal{O}(8; \{6^7, 3^{16}, 2\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^8, 3^2, 2^{18}\})$	964819588349952
6	$\mathcal{O}(8; \{6^8, 3^5, 2^{14}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^8, 3^8, 2^{10}\})$	61629967038283776
6	$\mathcal{O}(8; \{6^8, 3^{11}, 2^6\})$	493022809646825472
6	$\mathcal{O}(8; \{6^8, 3^{14}, 2^2\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^9, 2^{19}\})$	479588684267520
6	$\mathcal{O}(8; \{6^9, 3^3, 2^{15}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^9, 3^6, 2^{11}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^9, 3^9, 2^7\})$	246514225933320192
6	$\mathcal{O}(8; \{6^9, 3^{12}, 2^3\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^{10}, 3, 2^{16}\})$	1923996956884992
6	$\mathcal{O}(8; \{6^{10}, 3^4, 2^{12}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^{10}, 3^7, 2^8\})$	123254291856752640
6	$\mathcal{O}(8; \{6^{10}, 3^{10}, 2^4\})$	986051261513465856
6	$\mathcal{O}(8; \{6^{10}, 3^{13}\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^{11}, 3^2, 2^{13}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^{11}, 3^5, 2^9\})$	61629967038283776
6	$\mathcal{O}(8; \{6^{11}, 3^8, 2^5\})$	493022809646825472
6	$\mathcal{O}(8; \{6^{11}, 3^{11}, 2\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^{12}, 2^{14}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^{12}, 3^3, 2^{10}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^{12}, 3^6, 2^6\})$	246514225933320192
6	$\mathcal{O}(8; \{6^{12}, 3^9, 2^2\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^{13}, 3, 2^{11}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^{13}, 3^4, 2^7\})$	123254291856752640

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(8; \{6^{13}, 3^7, 2^3\})$	986051261513465856
6	$\mathcal{O}(8; \{6^{14}, 3^2, 2^8\})$	61629967038283776
6	$\mathcal{O}(8; \{6^{14}, 3^5, 2^4\})$	493022809646825472
6	$\mathcal{O}(8; \{6^{14}, 3^8\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^{15}, 2^9\})$	30812162409234432
6	$\mathcal{O}(8; \{6^{15}, 3^3, 2^5\})$	246514225933320192
6	$\mathcal{O}(8; \{6^{15}, 3^6, 2\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^{16}, 3, 2^6\})$	123254291856752640
6	$\mathcal{O}(8; \{6^{16}, 3^4, 2^2\})$	986051261513465856
6	$\mathcal{O}(8; \{6^{17}, 3^2, 2^3\})$	493022809646825472
6	$\mathcal{O}(8; \{6^{18}, 2^4\})$	246514225933320192
6	$\mathcal{O}(8; \{6^{18}, 3^3\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^{19}, 3, 2\})$	986051261513465856
6	$\mathcal{O}(7; \{2^{38}\})$	78364147712
6	$\mathcal{O}(7; \{3^3, 2^{34}\})$	156728328192
6	$\mathcal{O}(7; \{3^6, 2^{30}\})$	1724011610112
6	$\mathcal{O}(7; \{3^9, 2^{26}\})$	13321907896320
6	$\mathcal{O}(7; \{3^{12}, 2^{22}\})$	107045448155136
6	$\mathcal{O}(7; \{3^{15}, 2^{18}\})$	855893400256512
6	$\mathcal{O}(7; \{3^{18}, 2^{14}\})$	6847617387036672
6	$\mathcal{O}(7; \{3^{21}, 2^{10}\})$	54780468911308800
6	$\mathcal{O}(7; \{3^{24}, 2^6\})$	438244221475454976
6	$\mathcal{O}(7; \{3^{27}, 2^2\})$	3505953301618655232
6	$\mathcal{O}(7; \{6, 3, 2^{35}\})$	156728328192
6	$\mathcal{O}(7; \{6, 3^4, 2^{31}\})$	783641640960
6	$\mathcal{O}(7; \{6, 3^7, 2^{27}\})$	6739318112256
6	$\mathcal{O}(7; \{6, 3^{10}, 2^{23}\})$	53444359913472
6	$\mathcal{O}(7; \{6, 3^{13}, 2^{19}\})$	428025064292352
6	$\mathcal{O}(7; \{6, 3^{16}, 2^{15}\})$	3423730329354240
6	$\mathcal{O}(7; \{6, 3^{19}, 2^{11}\})$	27390312819818496
6	$\mathcal{O}(7; \{6, 3^{22}, 2^7\})$	219122032373563392
6	$\mathcal{O}(7; \{6, 3^{25}, 2^3\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^2, 3^2, 2^{32}\})$	470184984576
6	$\mathcal{O}(7; \{6^2, 3^5, 2^{28}\})$	3291294892032
6	$\mathcal{O}(7; \{6^2, 3^8, 2^{24}\})$	26800544120832
6	$\mathcal{O}(7; \{6^2, 3^{11}, 2^{20}\})$	213934167982080
6	$\mathcal{O}(7; \{6^2, 3^{14}, 2^{16}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^2, 3^{17}, 2^{12}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^2, 3^{20}, 2^8\})$	109561094550945792
6	$\mathcal{O}(7; \{6^2, 3^{23}, 2^4\})$	876488286222581760
6	$\mathcal{O}(7; \{6^2, 3^{26}\})$	7011906759965638656
6	$\mathcal{O}(7; \{6^3, 2^{33}\})$	156728328192
6	$\mathcal{O}(7; \{6^3, 3^3, 2^{29}\})$	1724011610112

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{6^3, 3^6, 2^{25}\})$	13321907896320
6	$\mathcal{O}(7; \{6^3, 3^9, 2^{21}\})$	107045448155136
6	$\mathcal{O}(7; \{6^3, 3^{12}, 2^{17}\})$	855893400256512
6	$\mathcal{O}(7; \{6^3, 3^{15}, 2^{13}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^3, 3^{18}, 2^9\})$	54780468911308800
6	$\mathcal{O}(7; \{6^3, 3^{21}, 2^5\})$	438244221475454976
6	$\mathcal{O}(7; \{6^3, 3^{24}, 2\})$	3505953301618655232
6	$\mathcal{O}(7; \{6^4, 3, 2^{30}\})$	783641640960
6	$\mathcal{O}(7; \{6^4, 3^4, 2^{26}\})$	6739318112256
6	$\mathcal{O}(7; \{6^4, 3^7, 2^{22}\})$	53444359913472
6	$\mathcal{O}(7; \{6^4, 3^{10}, 2^{18}\})$	428025064292352
6	$\mathcal{O}(7; \{6^4, 3^{13}, 2^{14}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^4, 3^{16}, 2^{10}\})$	27390312819818496
6	$\mathcal{O}(7; \{6^4, 3^{19}, 2^6\})$	219122032373563392
6	$\mathcal{O}(7; \{6^4, 3^{22}, 2^2\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^5, 3^2, 2^{27}\})$	3291294892032
6	$\mathcal{O}(7; \{6^5, 3^5, 2^{23}\})$	26800544120832
6	$\mathcal{O}(7; \{6^5, 3^8, 2^{19}\})$	213934167982080
6	$\mathcal{O}(7; \{6^5, 3^{11}, 2^{15}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^5, 3^{14}, 2^{11}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^5, 3^{17}, 2^7\})$	109561094550945792
6	$\mathcal{O}(7; \{6^5, 3^{20}, 2^3\})$	876488286222581760
6	$\mathcal{O}(7; \{6^6, 2^{28}\})$	1724011610112
6	$\mathcal{O}(7; \{6^6, 3^3, 2^{24}\})$	13321907896320
6	$\mathcal{O}(7; \{6^6, 3^6, 2^{20}\})$	107045448155136
6	$\mathcal{O}(7; \{6^6, 3^9, 2^{16}\})$	855893400256512
6	$\mathcal{O}(7; \{6^6, 3^{12}, 2^{12}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^6, 3^{15}, 2^8\})$	54780468911308800
6	$\mathcal{O}(7; \{6^6, 3^{18}, 2^4\})$	438244221475454976
6	$\mathcal{O}(7; \{6^6, 3^{21}\})$	3505953301618655232
6	$\mathcal{O}(7; \{6^7, 3, 2^{25}\})$	6739318112256
6	$\mathcal{O}(7; \{6^7, 3^4, 2^{21}\})$	53444359913472
6	$\mathcal{O}(7; \{6^7, 3^7, 2^{17}\})$	428025064292352
6	$\mathcal{O}(7; \{6^7, 3^{10}, 2^{13}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^7, 3^{13}, 2^9\})$	27390312819818496
6	$\mathcal{O}(7; \{6^7, 3^{16}, 2^5\})$	219122032373563392
6	$\mathcal{O}(7; \{6^7, 3^{19}, 2\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^8, 3^2, 2^{22}\})$	26800544120832
6	$\mathcal{O}(7; \{6^8, 3^5, 2^{18}\})$	213934167982080
6	$\mathcal{O}(7; \{6^8, 3^8, 2^{14}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^8, 3^{11}, 2^{10}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^8, 3^{14}, 2^6\})$	109561094550945792
6	$\mathcal{O}(7; \{6^8, 3^{17}, 2^2\})$	876488286222581760

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{6^9, 2^{23}\})$	13321907896320
6	$\mathcal{O}(7; \{6^9, 3^3, 2^{19}\})$	107045448155136
6	$\mathcal{O}(7; \{6^9, 3^6, 2^{15}\})$	855893400256512
6	$\mathcal{O}(7; \{6^9, 3^9, 2^{11}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^9, 3^{12}, 2^7\})$	54780468911308800
6	$\mathcal{O}(7; \{6^9, 3^{15}, 2^3\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{10}, 3, 2^{20}\})$	53444359913472
6	$\mathcal{O}(7; \{6^{10}, 3^4, 2^{16}\})$	428025064292352
6	$\mathcal{O}(7; \{6^{10}, 3^7, 2^{12}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^{10}, 3^{10}, 2^8\})$	27390312819818496
6	$\mathcal{O}(7; \{6^{10}, 3^{13}, 2^4\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{10}, 3^{16}\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^{11}, 3^2, 2^{17}\})$	213934167982080
6	$\mathcal{O}(7; \{6^{11}, 3^5, 2^{13}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^{11}, 3^8, 2^9\})$	13695078045745152
6	$\mathcal{O}(7; \{6^{11}, 3^{11}, 2^5\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{11}, 3^{14}, 2\})$	876488286222581760
6	$\mathcal{O}(7; \{6^{12}, 2^{18}\})$	107045448155136
6	$\mathcal{O}(7; \{6^{12}, 3^3, 2^{14}\})$	855893400256512
6	$\mathcal{O}(7; \{6^{12}, 3^6, 2^{10}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^{12}, 3^9, 2^6\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{12}, 3^{12}, 2^2\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{13}, 3, 2^{15}\})$	428025064292352
6	$\mathcal{O}(7; \{6^{13}, 3^4, 2^{11}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^{13}, 3^7, 2^7\})$	27390312819818496
6	$\mathcal{O}(7; \{6^{13}, 3^{10}, 2^3\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{14}, 3^2, 2^{12}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^{14}, 3^5, 2^8\})$	13695078045745152
6	$\mathcal{O}(7; \{6^{14}, 3^8, 2^4\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{14}, 3^{11}\})$	876488286222581760
6	$\mathcal{O}(7; \{6^{15}, 2^{13}\})$	855893400256512
6	$\mathcal{O}(7; \{6^{15}, 3^3, 2^9\})$	6847617387036672
6	$\mathcal{O}(7; \{6^{15}, 3^6, 2^5\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{15}, 3^9, 2\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{16}, 3, 2^{10}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^{16}, 3^4, 2^6\})$	27390312819818496
6	$\mathcal{O}(7; \{6^{16}, 3^7, 2^2\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{17}, 3^2, 2^7\})$	13695078045745152
6	$\mathcal{O}(7; \{6^{17}, 3^5, 2^3\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{18}, 2^8\})$	6847617387036672
6	$\mathcal{O}(7; \{6^{18}, 3^3, 2^4\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{18}, 3^6\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{19}, 3, 2^5\})$	27390312819818496

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{6^{19}, 3^4, 2\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{20}, 3^2, 2^2\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{21}, 2^3\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{22}, 3\})$	219122032373563392
6	$\mathcal{O}(6; \{2^{42}\})$	2176778240
6	$\mathcal{O}(6; \{3^3, 2^{38}\})$	4353564672
6	$\mathcal{O}(6; \{3^6, 2^{34}\})$	47889211392
6	$\mathcal{O}(6; \{3^9, 2^{30}\})$	370052997120
6	$\mathcal{O}(6; \{3^{12}, 2^{26}\})$	2973484670976
6	$\mathcal{O}(6; \{3^{15}, 2^{22}\})$	23774816673792
6	$\mathcal{O}(6; \{3^{18}, 2^{18}\})$	190211594084352
6	$\mathcal{O}(6; \{3^{21}, 2^{14}\})$	1521679691980800
6	$\mathcal{O}(6; \{3^{24}, 2^{10}\})$	12173450596540416
6	$\mathcal{O}(6; \{3^{27}, 2^6\})$	97387591711629312
6	$\mathcal{O}(6; \{3^{30}, 2^2\})$	779100746753728512
6	$\mathcal{O}(6; \{6, 3, 2^{39}\})$	4353564672
6	$\mathcal{O}(6; \{6, 3^4, 2^{35}\})$	21767823360
6	$\mathcal{O}(6; \{6, 3^7, 2^{31}\})$	187203280896
6	$\mathcal{O}(6; \{6, 3^{10}, 2^{27}\})$	1484565553152
6	$\mathcal{O}(6; \{6, 3^{13}, 2^{23}\})$	11889585119232
6	$\mathcal{O}(6; \{6, 3^{16}, 2^{19}\})$	95103620259840
6	$\mathcal{O}(6; \{6, 3^{19}, 2^{15}\})$	760842022772736
6	$\mathcal{O}(6; \{6, 3^{22}, 2^{11}\})$	6086723121487872
6	$\mathcal{O}(6; \{6, 3^{25}, 2^7\})$	48693798032596992
6	$\mathcal{O}(6; \{6, 3^{28}, 2^3\})$	389550371200081920
6	$\mathcal{O}(6; \{6^2, 3^2, 2^{36}\})$	13060694016
6	$\mathcal{O}(6; \{6^2, 3^5, 2^{32}\})$	91424858112
6	$\mathcal{O}(6; \{6^2, 3^8, 2^{28}\})$	744459558912
6	$\mathcal{O}(6; \{6^2, 3^{11}, 2^{24}\})$	5942615777280
6	$\mathcal{O}(6; \{6^2, 3^{14}, 2^{20}\})$	47553986912256
6	$\mathcal{O}(6; \{6^2, 3^{17}, 2^{16}\})$	380418834604032
6	$\mathcal{O}(6; \{6^2, 3^{20}, 2^{12}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^2, 3^{23}, 2^8\})$	24346896839516160
6	$\mathcal{O}(6; \{6^2, 3^{26}, 2^4\})$	19477518776823296
6	$\mathcal{O}(6; \{6^2, 3^{29}\})$	1558201489153892352
6	$\mathcal{O}(6; \{6^3, 2^{37}\})$	4353564672
6	$\mathcal{O}(6; \{6^3, 3^3, 2^{33}\})$	47889211392
6	$\mathcal{O}(6; \{6^3, 3^6, 2^{29}\})$	370052997120
6	$\mathcal{O}(6; \{6^3, 3^9, 2^{25}\})$	2973484670976
6	$\mathcal{O}(6; \{6^3, 3^{12}, 2^{21}\})$	23774816673792
6	$\mathcal{O}(6; \{6^3, 3^{15}, 2^{17}\})$	190211594084352
6	$\mathcal{O}(6; \{6^3, 3^{18}, 2^{13}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^3, 3^{21}, 2^9\})$	12173450596540416

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{6^3, 3^{24}, 2^5\})$	97387591711629312
6	$\mathcal{O}(6; \{6^3, 3^{27}, 2\})$	779100746753728512
6	$\mathcal{O}(6; \{6^4, 3, 2^{34}\})$	21767823360
6	$\mathcal{O}(6; \{6^4, 3^4, 2^{30}\})$	187203280896
6	$\mathcal{O}(6; \{6^4, 3^7, 2^{26}\})$	1484565553152
6	$\mathcal{O}(6; \{6^4, 3^{10}, 2^{22}\})$	11889585119232
6	$\mathcal{O}(6; \{6^4, 3^{13}, 2^{18}\})$	95103620259840
6	$\mathcal{O}(6; \{6^4, 3^{16}, 2^{14}\})$	760842022772736
6	$\mathcal{O}(6; \{6^4, 3^{19}, 2^{10}\})$	6086723121487872
6	$\mathcal{O}(6; \{6^4, 3^{22}, 2^6\})$	48693798032596992
6	$\mathcal{O}(6; \{6^4, 3^{25}, 2^2\})$	389550371200081920
6	$\mathcal{O}(6; \{6^5, 3^2, 2^{31}\})$	91424858112
6	$\mathcal{O}(6; \{6^5, 3^5, 2^{27}\})$	744459558912
6	$\mathcal{O}(6; \{6^5, 3^8, 2^{23}\})$	5942615777280
6	$\mathcal{O}(6; \{6^5, 3^{11}, 2^{19}\})$	47553986912256
6	$\mathcal{O}(6; \{6^5, 3^{14}, 2^{15}\})$	380418834604032
6	$\mathcal{O}(6; \{6^5, 3^{17}, 2^{11}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^5, 3^{20}, 2^7\})$	24346896839516160
6	$\mathcal{O}(6; \{6^5, 3^{23}, 2^3\})$	194775187776823296
6	$\mathcal{O}(6; \{6^6, 2^{32}\})$	47889211392
6	$\mathcal{O}(6; \{6^6, 3^3, 2^{28}\})$	370052997120
6	$\mathcal{O}(6; \{6^6, 3^6, 2^{24}\})$	2973484670976
6	$\mathcal{O}(6; \{6^6, 3^9, 2^{20}\})$	23774816673792
6	$\mathcal{O}(6; \{6^6, 3^{12}, 2^{16}\})$	190211594084352
6	$\mathcal{O}(6; \{6^6, 3^{15}, 2^{12}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^6, 3^{18}, 2^8\})$	12173450596540416
6	$\mathcal{O}(6; \{6^6, 3^{21}, 2^4\})$	97387591711629312
6	$\mathcal{O}(6; \{6^6, 3^{24}\})$	779100746753728512
6	$\mathcal{O}(6; \{6^7, 3, 2^{29}\})$	187203280896
6	$\mathcal{O}(6; \{6^7, 3^4, 2^{25}\})$	1484565553152
6	$\mathcal{O}(6; \{6^7, 3^7, 2^{21}\})$	11889585119232
6	$\mathcal{O}(6; \{6^7, 3^{10}, 2^{17}\})$	95103620259840
6	$\mathcal{O}(6; \{6^7, 3^{13}, 2^{13}\})$	760842022772736
6	$\mathcal{O}(6; \{6^7, 3^{16}, 2^9\})$	6086723121487872
6	$\mathcal{O}(6; \{6^7, 3^{19}, 2^5\})$	48693798032596992
6	$\mathcal{O}(6; \{6^7, 3^{22}, 2\})$	389550371200081920
6	$\mathcal{O}(6; \{6^8, 3^2, 2^{26}\})$	744459558912
6	$\mathcal{O}(6; \{6^8, 3^5, 2^{22}\})$	5942615777280
6	$\mathcal{O}(6; \{6^8, 3^8, 2^{18}\})$	47553986912256
6	$\mathcal{O}(6; \{6^8, 3^{11}, 2^{14}\})$	380418834604032
6	$\mathcal{O}(6; \{6^8, 3^{14}, 2^{10}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^8, 3^{17}, 2^6\})$	24346896839516160
6	$\mathcal{O}(6; \{6^8, 3^{20}, 2^2\})$	194775187776823296

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{6^9, 2^{27}\})$	370052997120
6	$\mathcal{O}(6; \{6^9, 3^3, 2^{23}\})$	2973484670976
6	$\mathcal{O}(6; \{6^9, 3^6, 2^{19}\})$	23774816673792
6	$\mathcal{O}(6; \{6^9, 3^9, 2^{15}\})$	190211594084352
6	$\mathcal{O}(6; \{6^9, 3^{12}, 2^{11}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^9, 3^{15}, 2^7\})$	12173450596540416
6	$\mathcal{O}(6; \{6^9, 3^{18}, 2^3\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{10}, 3, 2^{24}\})$	1484565553152
6	$\mathcal{O}(6; \{6^{10}, 3^4, 2^{20}\})$	11889585119232
6	$\mathcal{O}(6; \{6^{10}, 3^7, 2^{16}\})$	95103620259840
6	$\mathcal{O}(6; \{6^{10}, 3^{10}, 2^{12}\})$	760842022772736
6	$\mathcal{O}(6; \{6^{10}, 3^{13}, 2^8\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{10}, 3^{16}, 2^4\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{10}, 3^{19}\})$	389550371200081920
6	$\mathcal{O}(6; \{6^{11}, 3^2, 2^{21}\})$	5942615777280
6	$\mathcal{O}(6; \{6^{11}, 3^5, 2^{17}\})$	47553986912256
6	$\mathcal{O}(6; \{6^{11}, 3^8, 2^{13}\})$	380418834604032
6	$\mathcal{O}(6; \{6^{11}, 3^{11}, 2^9\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{11}, 3^{14}, 2^5\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{11}, 3^{17}, 2\})$	194775187776823296
6	$\mathcal{O}(6; \{6^{12}, 2^{22}\})$	2973484670976
6	$\mathcal{O}(6; \{6^{12}, 3^3, 2^{18}\})$	23774816673792
6	$\mathcal{O}(6; \{6^{12}, 3^6, 2^{14}\})$	190211594084352
6	$\mathcal{O}(6; \{6^{12}, 3^9, 2^{10}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{12}, 3^{12}, 2^6\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{12}, 3^{15}, 2^2\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{13}, 3, 2^{19}\})$	11889585119232
6	$\mathcal{O}(6; \{6^{13}, 3^4, 2^{15}\})$	95103620259840
6	$\mathcal{O}(6; \{6^{13}, 3^7, 2^{11}\})$	760842022772736
6	$\mathcal{O}(6; \{6^{13}, 3^{10}, 2^7\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{13}, 3^{13}, 2^3\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{14}, 3^2, 2^{16}\})$	47553986912256
6	$\mathcal{O}(6; \{6^{14}, 3^5, 2^{12}\})$	380418834604032
6	$\mathcal{O}(6; \{6^{14}, 3^8, 2^8\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{14}, 3^{11}, 2^4\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{14}, 3^{14}\})$	194775187776823296
6	$\mathcal{O}(6; \{6^{15}, 2^{17}\})$	23774816673792
6	$\mathcal{O}(6; \{6^{15}, 3^3, 2^{13}\})$	190211594084352
6	$\mathcal{O}(6; \{6^{15}, 3^6, 2^9\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{15}, 3^9, 2^5\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{15}, 3^{12}, 2\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{16}, 3, 2^{14}\})$	95103620259840
6	$\mathcal{O}(6; \{6^{16}, 3^4, 2^{10}\})$	760842022772736

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{6^{16}, 3^7, 2^6\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{16}, 3^{10}, 2^2\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{17}, 3^2, 2^{11}\})$	380418834604032
6	$\mathcal{O}(6; \{6^{17}, 3^5, 2^7\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{17}, 3^8, 2^3\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{18}, 2^{12}\})$	190211594084352
6	$\mathcal{O}(6; \{6^{18}, 3^3, 2^8\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{18}, 3^6, 2^4\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{18}, 3^9\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{19}, 3, 2^9\})$	760842022772736
6	$\mathcal{O}(6; \{6^{19}, 3^4, 2^5\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{19}, 3^7, 2\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{20}, 3^2, 2^6\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{20}, 3^5, 2^2\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{21}, 2^7\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{21}, 3^3, 2^3\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{22}, 3, 2^4\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{22}, 3^4\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{23}, 3^2, 2\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{24}, 2^2\})$	12173450596540416
6	$\mathcal{O}(5; \{2^{46}\})$	60465152
6	$\mathcal{O}(5; \{3^3, 2^{42}\})$	120932352
6	$\mathcal{O}(5; \{3^6, 2^{38}\})$	1330255872
6	$\mathcal{O}(5; \{3^9, 2^{34}\})$	10279249920
6	$\mathcal{O}(5; \{3^{12}, 2^{30}\})$	82596796416
6	$\mathcal{O}(5; \{3^{15}, 2^{26}\})$	660411574272
6	$\mathcal{O}(5; \{3^{18}, 2^{22}\})$	5283655391232
6	$\mathcal{O}(5; \{3^{21}, 2^{18}\})$	42268880332800
6	$\mathcal{O}(5; \{3^{24}, 2^{14}\})$	338151405459456
6	$\mathcal{O}(5; \{3^{27}, 2^{10}\})$	2705210880878592
6	$\mathcal{O}(5; \{3^{30}, 2^6\})$	21641687409825792
6	$\mathcal{O}(5; \{3^{33}, 2^2\})$	173133498915809280
6	$\mathcal{O}(5; \{6, 3, 2^{43}\})$	120932352
6	$\mathcal{O}(5; \{6, 3^4, 2^{39}\})$	604661760
6	$\mathcal{O}(5; \{6, 3^7, 2^{35}\})$	5200091136
6	$\mathcal{O}(5; \{6, 3^{10}, 2^{31}\})$	41237932032
6	$\mathcal{O}(5; \{6, 3^{13}, 2^{27}\})$	330266253312
6	$\mathcal{O}(5; \{6, 3^{16}, 2^{23}\})$	2641767229440
6	$\mathcal{O}(5; \{6, 3^{19}, 2^{19}\})$	21134500632576
6	$\mathcal{O}(5; \{6, 3^{22}, 2^{15}\})$	169075642263552
6	$\mathcal{O}(5; \{6, 3^{25}, 2^{11}\})$	1352605500905472
6	$\mathcal{O}(5; \{6, 3^{28}, 2^7\})$	10820843644446720
6	$\mathcal{O}(5; \{6, 3^{31}, 2^3\})$	86566749518370816

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6^2, 3^2, 2^{40}\})$	362797056
6	$\mathcal{O}(5; \{6^2, 3^5, 2^{36}\})$	2539579392
6	$\mathcal{O}(5; \{6^2, 3^8, 2^{32}\})$	20679432192
6	$\mathcal{O}(5; \{6^2, 3^{11}, 2^{28}\})$	165072660480
6	$\mathcal{O}(5; \{6^2, 3^{14}, 2^{24}\})$	1320944080896
6	$\mathcal{O}(5; \{6^2, 3^{17}, 2^{20}\})$	10567189850112
6	$\mathcal{O}(5; \{6^2, 3^{20}, 2^{16}\})$	84537881597952
6	$\mathcal{O}(5; \{6^2, 3^{23}, 2^{12}\})$	676302689986560
6	$\mathcal{O}(5; \{6^2, 3^{26}, 2^8\})$	5410421882689536
6	$\mathcal{O}(5; \{6^2, 3^{29}, 2^4\})$	43283374698719232
6	$\mathcal{O}(5; \{6^2, 3^{32}\})$	346266997952550912
6	$\mathcal{O}(5; \{6^3, 2^{41}\})$	120932352
6	$\mathcal{O}(5; \{6^3, 3^3, 2^{37}\})$	1330255872
6	$\mathcal{O}(5; \{6^3, 3^6, 2^{33}\})$	10279249920
6	$\mathcal{O}(5; \{6^3, 3^9, 2^{29}\})$	82596796416
6	$\mathcal{O}(5; \{6^3, 3^{12}, 2^{25}\})$	660411574272
6	$\mathcal{O}(5; \{6^3, 3^{15}, 2^{21}\})$	5283655391232
6	$\mathcal{O}(5; \{6^3, 3^{18}, 2^{17}\})$	42268880332800
6	$\mathcal{O}(5; \{6^3, 3^{21}, 2^{13}\})$	338151405459456
6	$\mathcal{O}(5; \{6^3, 3^{24}, 2^9\})$	2705210880878592
6	$\mathcal{O}(5; \{6^3, 3^{27}, 2^5\})$	21641687409825792
6	$\mathcal{O}(5; \{6^3, 3^{30}, 2\})$	173133498915809280
6	$\mathcal{O}(5; \{6^4, 3, 2^{38}\})$	604661760
6	$\mathcal{O}(5; \{6^4, 3^4, 2^{34}\})$	5200091136
6	$\mathcal{O}(5; \{6^4, 3^7, 2^{30}\})$	41237932032
6	$\mathcal{O}(5; \{6^4, 3^{10}, 2^{26}\})$	330266253312
6	$\mathcal{O}(5; \{6^4, 3^{13}, 2^{22}\})$	2641767229440
6	$\mathcal{O}(5; \{6^4, 3^{16}, 2^{18}\})$	21134500632576
6	$\mathcal{O}(5; \{6^4, 3^{19}, 2^{14}\})$	169075642263552
6	$\mathcal{O}(5; \{6^4, 3^{22}, 2^{10}\})$	1352605500905472
6	$\mathcal{O}(5; \{6^4, 3^{25}, 2^6\})$	10820843644446720
6	$\mathcal{O}(5; \{6^4, 3^{28}, 2^2\})$	86566749518370816
6	$\mathcal{O}(5; \{6^5, 3^2, 2^{35}\})$	2539579392
6	$\mathcal{O}(5; \{6^5, 3^5, 2^{31}\})$	20679432192
6	$\mathcal{O}(5; \{6^5, 3^8, 2^{27}\})$	165072660480
6	$\mathcal{O}(5; \{6^5, 3^{11}, 2^{23}\})$	1320944080896
6	$\mathcal{O}(5; \{6^5, 3^{14}, 2^{19}\})$	10567189850112
6	$\mathcal{O}(5; \{6^5, 3^{17}, 2^{15}\})$	84537881597952
6	$\mathcal{O}(5; \{6^5, 3^{20}, 2^{11}\})$	676302689986560
6	$\mathcal{O}(5; \{6^5, 3^{23}, 2^7\})$	5410421882689536
6	$\mathcal{O}(5; \{6^5, 3^{26}, 2^3\})$	43283374698719232
6	$\mathcal{O}(5; \{6^6, 2^{36}\})$	1330255872
6	$\mathcal{O}(5; \{6^6, 3^3, 2^{32}\})$	10279249920

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6^6, 3^6, 2^{28}\})$	82596796416
6	$\mathcal{O}(5; \{6^6, 3^9, 2^{24}\})$	660411574272
6	$\mathcal{O}(5; \{6^6, 3^{12}, 2^{20}\})$	5283655391232
6	$\mathcal{O}(5; \{6^6, 3^{15}, 2^{16}\})$	42268880332800
6	$\mathcal{O}(5; \{6^6, 3^{18}, 2^{12}\})$	338151405459456
6	$\mathcal{O}(5; \{6^6, 3^{21}, 2^8\})$	2705210880878592
6	$\mathcal{O}(5; \{6^6, 3^{24}, 2^4\})$	21641687409825792
6	$\mathcal{O}(5; \{6^6, 3^{27}\})$	173133498915809280
6	$\mathcal{O}(5; \{6^7, 3, 2^{33}\})$	5200091136
6	$\mathcal{O}(5; \{6^7, 3^4, 2^{29}\})$	41237932032
6	$\mathcal{O}(5; \{6^7, 3^7, 2^{25}\})$	330266253312
6	$\mathcal{O}(5; \{6^7, 3^{10}, 2^{21}\})$	2641767229440
6	$\mathcal{O}(5; \{6^7, 3^{13}, 2^{17}\})$	21134500632576
6	$\mathcal{O}(5; \{6^7, 3^{16}, 2^{13}\})$	169075642263552
6	$\mathcal{O}(5; \{6^7, 3^{19}, 2^9\})$	1352605500905472
6	$\mathcal{O}(5; \{6^7, 3^{22}, 2^5\})$	10820843644446720
6	$\mathcal{O}(5; \{6^7, 3^{25}, 2\})$	86566749518370816
6	$\mathcal{O}(5; \{6^8, 3^2, 2^{30}\})$	20679432192
6	$\mathcal{O}(5; \{6^8, 3^5, 2^{26}\})$	165072660480
6	$\mathcal{O}(5; \{6^8, 3^8, 2^{22}\})$	1320944080896
6	$\mathcal{O}(5; \{6^8, 3^{11}, 2^{18}\})$	10567189850112
6	$\mathcal{O}(5; \{6^8, 3^{14}, 2^{14}\})$	84537881597952
6	$\mathcal{O}(5; \{6^8, 3^{17}, 2^{10}\})$	676302689986560
6	$\mathcal{O}(5; \{6^8, 3^{20}, 2^6\})$	5410421882689536
6	$\mathcal{O}(5; \{6^8, 3^{23}, 2^2\})$	43283374698719232
6	$\mathcal{O}(5; \{6^9, 2^{31}\})$	10279249920
6	$\mathcal{O}(5; \{6^9, 3^3, 2^{27}\})$	82596796416
6	$\mathcal{O}(5; \{6^9, 3^6, 2^{23}\})$	660411574272
6	$\mathcal{O}(5; \{6^9, 3^9, 2^{19}\})$	5283655391232
6	$\mathcal{O}(5; \{6^9, 3^{12}, 2^{15}\})$	42268880332800
6	$\mathcal{O}(5; \{6^9, 3^{15}, 2^{11}\})$	338151405459456
6	$\mathcal{O}(5; \{6^9, 3^{18}, 2^7\})$	2705210880878592
6	$\mathcal{O}(5; \{6^9, 3^{21}, 2^3\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{10}, 3, 2^{28}\})$	41237932032
6	$\mathcal{O}(5; \{6^{10}, 3^4, 2^{24}\})$	330266253312
6	$\mathcal{O}(5; \{6^{10}, 3^7, 2^{20}\})$	2641767229440
6	$\mathcal{O}(5; \{6^{10}, 3^{10}, 2^{16}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{10}, 3^{13}, 2^{12}\})$	169075642263552
6	$\mathcal{O}(5; \{6^{10}, 3^{16}, 2^8\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{10}, 3^{19}, 2^4\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{10}, 3^{22}\})$	86566749518370816
6	$\mathcal{O}(5; \{6^{11}, 3^2, 2^{25}\})$	165072660480
6	$\mathcal{O}(5; \{6^{11}, 3^5, 2^{21}\})$	1320944080896

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6^{11}, 3^8, 2^{17}\})$	10567189850112
6	$\mathcal{O}(5; \{6^{11}, 3^{11}, 2^{13}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{11}, 3^{14}, 2^9\})$	676302689986560
6	$\mathcal{O}(5; \{6^{11}, 3^{17}, 2^5\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{11}, 3^{20}, 2\})$	43283374698719232
6	$\mathcal{O}(5; \{6^{12}, 2^{26}\})$	82596796416
6	$\mathcal{O}(5; \{6^{12}, 3^3, 2^{22}\})$	660411574272
6	$\mathcal{O}(5; \{6^{12}, 3^6, 2^{18}\})$	5283655391232
6	$\mathcal{O}(5; \{6^{12}, 3^9, 2^{14}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{12}, 3^{12}, 2^{10}\})$	338151405459456
6	$\mathcal{O}(5; \{6^{12}, 3^{15}, 2^6\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{12}, 3^{18}, 2^2\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{13}, 3, 2^{23}\})$	330266253312
6	$\mathcal{O}(5; \{6^{13}, 3^4, 2^{19}\})$	2641767229440
6	$\mathcal{O}(5; \{6^{13}, 3^7, 2^{15}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{13}, 3^{10}, 2^{11}\})$	169075642263552
6	$\mathcal{O}(5; \{6^{13}, 3^{13}, 2^7\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{13}, 3^{16}, 2^3\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{14}, 3^2, 2^{20}\})$	1320944080896
6	$\mathcal{O}(5; \{6^{14}, 3^5, 2^{16}\})$	10567189850112
6	$\mathcal{O}(5; \{6^{14}, 3^8, 2^{12}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{14}, 3^{11}, 2^8\})$	676302689986560
6	$\mathcal{O}(5; \{6^{14}, 3^{14}, 2^4\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{14}, 3^{17}\})$	43283374698719232
6	$\mathcal{O}(5; \{6^{15}, 2^{21}\})$	660411574272
6	$\mathcal{O}(5; \{6^{15}, 3^3, 2^{17}\})$	5283655391232
6	$\mathcal{O}(5; \{6^{15}, 3^6, 2^{13}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{15}, 3^9, 2^9\})$	338151405459456
6	$\mathcal{O}(5; \{6^{15}, 3^{12}, 2^5\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{15}, 3^{15}, 2\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{16}, 3, 2^{18}\})$	2641767229440
6	$\mathcal{O}(5; \{6^{16}, 3^4, 2^{14}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{16}, 3^7, 2^{10}\})$	169075642263552
6	$\mathcal{O}(5; \{6^{16}, 3^{10}, 2^6\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{16}, 3^{13}, 2^2\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{17}, 3^2, 2^{15}\})$	10567189850112
6	$\mathcal{O}(5; \{6^{17}, 3^5, 2^{11}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{17}, 3^8, 2^7\})$	676302689986560
6	$\mathcal{O}(5; \{6^{17}, 3^{11}, 2^3\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{18}, 2^{16}\})$	5283655391232
6	$\mathcal{O}(5; \{6^{18}, 3^3, 2^{12}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{18}, 3^6, 2^8\})$	338151405459456
6	$\mathcal{O}(5; \{6^{18}, 3^9, 2^4\})$	2705210880878592

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6^{18}, 3^{12}\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{19}, 3, 2^{13}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{19}, 3^4, 2^9\})$	169075642263552
6	$\mathcal{O}(5; \{6^{19}, 3^7, 2^5\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{19}, 3^{10}, 2\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{20}, 3^2, 2^{10}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{20}, 3^5, 2^6\})$	676302689986560
6	$\mathcal{O}(5; \{6^{20}, 3^8, 2^2\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{21}, 2^{11}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{21}, 3^3, 2^7\})$	338151405459456
6	$\mathcal{O}(5; \{6^{21}, 3^6, 2^3\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{22}, 3, 2^8\})$	169075642263552
6	$\mathcal{O}(5; \{6^{22}, 3^4, 2^4\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{22}, 3^7\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{23}, 3^2, 2^5\})$	676302689986560
6	$\mathcal{O}(5; \{6^{23}, 3^5, 2\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{24}, 2^6\})$	338151405459456
6	$\mathcal{O}(5; \{6^{24}, 3^3, 2^2\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{25}, 3, 2^3\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{26}, 3^2\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{27}, 2\})$	2705210880878592
6	$\mathcal{O}(4; \{2^{50}\})$	1679360
6	$\mathcal{O}(4; \{3^3, 2^{46}\})$	3359232
6	$\mathcal{O}(4; \{3^6, 2^{42}\})$	36951552
6	$\mathcal{O}(4; \{3^9, 2^{38}\})$	285534720
6	$\mathcal{O}(4; \{3^{12}, 2^{34}\})$	2294355456
6	$\mathcal{O}(4; \{3^{15}, 2^{30}\})$	18344765952
6	$\mathcal{O}(4; \{3^{18}, 2^{26}\})$	146768205312
6	$\mathcal{O}(4; \{3^{21}, 2^{22}\})$	1174135564800
6	$\mathcal{O}(4; \{3^{24}, 2^{18}\})$	9393094596096
6	$\mathcal{O}(4; \{3^{27}, 2^{14}\})$	75144746691072
6	$\mathcal{O}(4; \{3^{30}, 2^{10}\})$	601157983606272
6	$\mathcal{O}(4; \{3^{33}, 2^6\})$	4809263858772480
6	$\mathcal{O}(4; \{3^{36}, 2^2\})$	38474110880257536
6	$\mathcal{O}(4; \{6, 3, 2^{47}\})$	3359232
6	$\mathcal{O}(4; \{6, 3^4, 2^{43}\})$	16796160
6	$\mathcal{O}(4; \{6, 3^7, 2^{39}\})$	144446976
6	$\mathcal{O}(4; \{6, 3^{10}, 2^{35}\})$	1145498112
6	$\mathcal{O}(4; \{6, 3^{13}, 2^{31}\})$	9174062592
6	$\mathcal{O}(4; \{6, 3^{16}, 2^{27}\})$	73382423040
6	$\mathcal{O}(4; \{6, 3^{19}, 2^{23}\})$	587069462016
6	$\mathcal{O}(4; \{6, 3^{22}, 2^{19}\})$	4696545618432
6	$\mathcal{O}(4; \{6, 3^{25}, 2^{15}\})$	37572375025152

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6, 3^{28}, 2^{11}\})$	300578990123520
6	$\mathcal{O}(4; \{6, 3^{31}, 2^7\})$	2404631931065856
6	$\mathcal{O}(4; \{6, 3^{34}, 2^3\})$	19237055438449152
6	$\mathcal{O}(4; \{6^2, 3^2, 2^{44}\})$	10077696
6	$\mathcal{O}(4; \{6^2, 3^5, 2^{40}\})$	70543872
6	$\mathcal{O}(4; \{6^2, 3^8, 2^{36}\})$	574428672
6	$\mathcal{O}(4; \{6^2, 3^{11}, 2^{32}\})$	4585351680
6	$\mathcal{O}(4; \{6^2, 3^{14}, 2^{28}\})$	36692891136
6	$\mathcal{O}(4; \{6^2, 3^{17}, 2^{24}\})$	293533051392
6	$\mathcal{O}(4; \{6^2, 3^{20}, 2^{20}\})$	2348274488832
6	$\mathcal{O}(4; \{6^2, 3^{23}, 2^{16}\})$	18786185832960
6	$\mathcal{O}(4; \{6^2, 3^{26}, 2^{12}\})$	150289496741376
6	$\mathcal{O}(4; \{6^2, 3^{29}, 2^8\})$	1202315963853312
6	$\mathcal{O}(4; \{6^2, 3^{32}, 2^4\})$	9618527720904192
6	$\mathcal{O}(4; \{6^2, 3^{35}\})$	76948221757155840
6	$\mathcal{O}(4; \{6^3, 2^{45}\})$	3359232
6	$\mathcal{O}(4; \{6^3, 3^3, 2^{41}\})$	36951552
6	$\mathcal{O}(4; \{6^3, 3^6, 2^{37}\})$	285534720
6	$\mathcal{O}(4; \{6^3, 3^9, 2^{33}\})$	2294355456
6	$\mathcal{O}(4; \{6^3, 3^{12}, 2^{29}\})$	18344765952
6	$\mathcal{O}(4; \{6^3, 3^{15}, 2^{25}\})$	146768205312
6	$\mathcal{O}(4; \{6^3, 3^{18}, 2^{21}\})$	1174135564800
6	$\mathcal{O}(4; \{6^3, 3^{21}, 2^{17}\})$	9393094596096
6	$\mathcal{O}(4; \{6^3, 3^{24}, 2^{13}\})$	75144746691072
6	$\mathcal{O}(4; \{6^3, 3^{27}, 2^9\})$	601157983606272
6	$\mathcal{O}(4; \{6^3, 3^{30}, 2^5\})$	4809263858772480
6	$\mathcal{O}(4; \{6^3, 3^{33}, 2\})$	38474110880257536
6	$\mathcal{O}(4; \{6^4, 3, 2^{42}\})$	16796160
6	$\mathcal{O}(4; \{6^4, 3^4, 2^{38}\})$	144446976
6	$\mathcal{O}(4; \{6^4, 3^7, 2^{34}\})$	1145498112
6	$\mathcal{O}(4; \{6^4, 3^{10}, 2^{30}\})$	9174062592
6	$\mathcal{O}(4; \{6^4, 3^{13}, 2^{26}\})$	73382423040
6	$\mathcal{O}(4; \{6^4, 3^{16}, 2^{22}\})$	587069462016
6	$\mathcal{O}(4; \{6^4, 3^{19}, 2^{18}\})$	4696545618432
6	$\mathcal{O}(4; \{6^4, 3^{22}, 2^{14}\})$	37572375025152
6	$\mathcal{O}(4; \{6^4, 3^{25}, 2^{10}\})$	300578990123520
6	$\mathcal{O}(4; \{6^4, 3^{28}, 2^6\})$	2404631931065856
6	$\mathcal{O}(4; \{6^4, 3^{31}, 2^2\})$	19237055438449152
6	$\mathcal{O}(4; \{6^5, 3^2, 2^{39}\})$	70543872
6	$\mathcal{O}(4; \{6^5, 3^5, 2^{35}\})$	574428672
6	$\mathcal{O}(4; \{6^5, 3^8, 2^{31}\})$	4585351680
6	$\mathcal{O}(4; \{6^5, 3^{11}, 2^{27}\})$	36692891136
6	$\mathcal{O}(4; \{6^5, 3^{14}, 2^{23}\})$	293533051392

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^5, 3^{17}, 2^{19}\})$	2348274488832
6	$\mathcal{O}(4; \{6^5, 3^{20}, 2^{15}\})$	18786185832960
6	$\mathcal{O}(4; \{6^5, 3^{23}, 2^{11}\})$	150289496741376
6	$\mathcal{O}(4; \{6^5, 3^{26}, 2^7\})$	1202315963853312
6	$\mathcal{O}(4; \{6^5, 3^{29}, 2^3\})$	9618527720904192
6	$\mathcal{O}(4; \{6^6, 2^{40}\})$	36951552
6	$\mathcal{O}(4; \{6^6, 3^3, 2^{36}\})$	285534720
6	$\mathcal{O}(4; \{6^6, 3^6, 2^{32}\})$	2294355456
6	$\mathcal{O}(4; \{6^6, 3^9, 2^{28}\})$	18344765952
6	$\mathcal{O}(4; \{6^6, 3^{12}, 2^{24}\})$	146768205312
6	$\mathcal{O}(4; \{6^6, 3^{15}, 2^{20}\})$	1174135564800
6	$\mathcal{O}(4; \{6^6, 3^{18}, 2^{16}\})$	9393094596096
6	$\mathcal{O}(4; \{6^6, 3^{21}, 2^{12}\})$	75144746691072
6	$\mathcal{O}(4; \{6^6, 3^{24}, 2^8\})$	601157983606272
6	$\mathcal{O}(4; \{6^6, 3^{27}, 2^4\})$	4809263858772480
6	$\mathcal{O}(4; \{6^6, 3^{30}\})$	38474110880257536
6	$\mathcal{O}(4; \{6^7, 3, 2^{37}\})$	144446976
6	$\mathcal{O}(4; \{6^7, 3^4, 2^{33}\})$	1145498112
6	$\mathcal{O}(4; \{6^7, 3^7, 2^{29}\})$	9174062592
6	$\mathcal{O}(4; \{6^7, 3^{10}, 2^{25}\})$	73382423040
6	$\mathcal{O}(4; \{6^7, 3^{13}, 2^{21}\})$	587069462016
6	$\mathcal{O}(4; \{6^7, 3^{16}, 2^{17}\})$	4696545618432
6	$\mathcal{O}(4; \{6^7, 3^{19}, 2^{13}\})$	37572375025152
6	$\mathcal{O}(4; \{6^7, 3^{22}, 2^9\})$	300578990123520
6	$\mathcal{O}(4; \{6^7, 3^{25}, 2^5\})$	2404631931065856
6	$\mathcal{O}(4; \{6^7, 3^{28}, 2\})$	19237055438449152
6	$\mathcal{O}(4; \{6^8, 3^2, 2^{34}\})$	574428672
6	$\mathcal{O}(4; \{6^8, 3^5, 2^{30}\})$	4585351680
6	$\mathcal{O}(4; \{6^8, 3^8, 2^{26}\})$	36692891136
6	$\mathcal{O}(4; \{6^8, 3^{11}, 2^{22}\})$	293533051392
6	$\mathcal{O}(4; \{6^8, 3^{14}, 2^{18}\})$	2348274488832
6	$\mathcal{O}(4; \{6^8, 3^{17}, 2^{14}\})$	18786185832960
6	$\mathcal{O}(4; \{6^8, 3^{20}, 2^{10}\})$	150289496741376
6	$\mathcal{O}(4; \{6^8, 3^{23}, 2^6\})$	1202315963853312
6	$\mathcal{O}(4; \{6^8, 3^{26}, 2^2\})$	9618527720904192
6	$\mathcal{O}(4; \{6^9, 2^{35}\})$	285534720
6	$\mathcal{O}(4; \{6^9, 3^3, 2^{31}\})$	2294355456
6	$\mathcal{O}(4; \{6^9, 3^6, 2^{27}\})$	18344765952
6	$\mathcal{O}(4; \{6^9, 3^9, 2^{23}\})$	146768205312
6	$\mathcal{O}(4; \{6^9, 3^{12}, 2^{19}\})$	1174135564800
6	$\mathcal{O}(4; \{6^9, 3^{15}, 2^{15}\})$	9393094596096
6	$\mathcal{O}(4; \{6^9, 3^{18}, 2^{11}\})$	75144746691072
6	$\mathcal{O}(4; \{6^9, 3^{21}, 2^7\})$	601157983606272

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^9, 3^{24}, 2^3\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{10}, 3, 2^{32}\})$	1145498112
6	$\mathcal{O}(4; \{6^{10}, 3^4, 2^{28}\})$	9174062592
6	$\mathcal{O}(4; \{6^{10}, 3^7, 2^{24}\})$	73382423040
6	$\mathcal{O}(4; \{6^{10}, 3^{10}, 2^{20}\})$	587069462016
6	$\mathcal{O}(4; \{6^{10}, 3^{13}, 2^{16}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{10}, 3^{16}, 2^{12}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{10}, 3^{19}, 2^8\})$	300578990123520
6	$\mathcal{O}(4; \{6^{10}, 3^{22}, 2^4\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{10}, 3^{25}\})$	19237055438449152
6	$\mathcal{O}(4; \{6^{11}, 3^2, 2^{29}\})$	4585351680
6	$\mathcal{O}(4; \{6^{11}, 3^5, 2^{25}\})$	36692891136
6	$\mathcal{O}(4; \{6^{11}, 3^8, 2^{21}\})$	293533051392
6	$\mathcal{O}(4; \{6^{11}, 3^{11}, 2^{17}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{11}, 3^{14}, 2^{13}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{11}, 3^{17}, 2^9\})$	150289496741376
6	$\mathcal{O}(4; \{6^{11}, 3^{20}, 2^5\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{11}, 3^{23}, 2\})$	9618527720904192
6	$\mathcal{O}(4; \{6^{12}, 2^{30}\})$	2294355456
6	$\mathcal{O}(4; \{6^{12}, 3^3, 2^{26}\})$	18344765952
6	$\mathcal{O}(4; \{6^{12}, 3^6, 2^{22}\})$	146768205312
6	$\mathcal{O}(4; \{6^{12}, 3^9, 2^{18}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{12}, 3^{12}, 2^{14}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{12}, 3^{15}, 2^{10}\})$	75144746691072
6	$\mathcal{O}(4; \{6^{12}, 3^{18}, 2^6\})$	601157983606272
6	$\mathcal{O}(4; \{6^{12}, 3^{21}, 2^2\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{13}, 3, 2^{27}\})$	9174062592
6	$\mathcal{O}(4; \{6^{13}, 3^4, 2^{23}\})$	73382423040
6	$\mathcal{O}(4; \{6^{13}, 3^7, 2^{19}\})$	587069462016
6	$\mathcal{O}(4; \{6^{13}, 3^{10}, 2^{15}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{13}, 3^{13}, 2^{11}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{13}, 3^{16}, 2^7\})$	300578990123520
6	$\mathcal{O}(4; \{6^{13}, 3^{19}, 2^3\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{14}, 3^2, 2^{24}\})$	36692891136
6	$\mathcal{O}(4; \{6^{14}, 3^5, 2^{20}\})$	293533051392
6	$\mathcal{O}(4; \{6^{14}, 3^8, 2^{16}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{14}, 3^{11}, 2^{12}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{14}, 3^{14}, 2^8\})$	150289496741376
6	$\mathcal{O}(4; \{6^{14}, 3^{17}, 2^4\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{14}, 3^{20}\})$	9618527720904192
6	$\mathcal{O}(4; \{6^{15}, 2^{25}\})$	18344765952
6	$\mathcal{O}(4; \{6^{15}, 3^3, 2^{21}\})$	146768205312
6	$\mathcal{O}(4; \{6^{15}, 3^6, 2^{17}\})$	1174135564800

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^{15}, 3^9, 2^{13}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{15}, 3^{12}, 2^9\})$	75144746691072
6	$\mathcal{O}(4; \{6^{15}, 3^{15}, 2^5\})$	601157983606272
6	$\mathcal{O}(4; \{6^{15}, 3^{18}, 2\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{16}, 3, 2^{22}\})$	73382423040
6	$\mathcal{O}(4; \{6^{16}, 3^4, 2^{18}\})$	587069462016
6	$\mathcal{O}(4; \{6^{16}, 3^7, 2^{14}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{16}, 3^{10}, 2^{10}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{16}, 3^{13}, 2^6\})$	300578990123520
6	$\mathcal{O}(4; \{6^{16}, 3^{16}, 2^2\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{17}, 3^2, 2^{19}\})$	293533051392
6	$\mathcal{O}(4; \{6^{17}, 3^5, 2^{15}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{17}, 3^8, 2^{11}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{17}, 3^{11}, 2^7\})$	150289496741376
6	$\mathcal{O}(4; \{6^{17}, 3^{14}, 2^3\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{18}, 2^{20}\})$	146768205312
6	$\mathcal{O}(4; \{6^{18}, 3^3, 2^{16}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{18}, 3^6, 2^{12}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{18}, 3^9, 2^8\})$	75144746691072
6	$\mathcal{O}(4; \{6^{18}, 3^{12}, 2^4\})$	601157983606272
6	$\mathcal{O}(4; \{6^{18}, 3^{15}\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{19}, 3, 2^{17}\})$	587069462016
6	$\mathcal{O}(4; \{6^{19}, 3^4, 2^{13}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{19}, 3^7, 2^9\})$	37572375025152
6	$\mathcal{O}(4; \{6^{19}, 3^{10}, 2^5\})$	300578990123520
6	$\mathcal{O}(4; \{6^{19}, 3^{13}, 2\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{20}, 3^2, 2^{14}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{20}, 3^5, 2^{10}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{20}, 3^8, 2^6\})$	150289496741376
6	$\mathcal{O}(4; \{6^{20}, 3^{11}, 2^2\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{21}, 2^{15}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{21}, 3^3, 2^{11}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{21}, 3^6, 2^7\})$	75144746691072
6	$\mathcal{O}(4; \{6^{21}, 3^9, 2^3\})$	601157983606272
6	$\mathcal{O}(4; \{6^{22}, 3, 2^{12}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{22}, 3^4, 2^8\})$	37572375025152
6	$\mathcal{O}(4; \{6^{22}, 3^7, 2^4\})$	300578990123520
6	$\mathcal{O}(4; \{6^{22}, 3^{10}\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{23}, 3^2, 2^9\})$	18786185832960
6	$\mathcal{O}(4; \{6^{23}, 3^5, 2^5\})$	150289496741376
6	$\mathcal{O}(4; \{6^{23}, 3^8, 2\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{24}, 2^{10}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{24}, 3^3, 2^6\})$	75144746691072

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^{24}, 3^6, 2^2\})$	601157983606272
6	$\mathcal{O}(4; \{6^{25}, 3, 2^7\})$	37572375025152
6	$\mathcal{O}(4; \{6^{25}, 3^4, 2^3\})$	300578990123520
6	$\mathcal{O}(4; \{6^{26}, 3^2, 2^4\})$	150289496741376
6	$\mathcal{O}(4; \{6^{26}, 3^5\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{27}, 2^5\})$	75144746691072
6	$\mathcal{O}(4; \{6^{27}, 3^3, 2\})$	601157983606272
6	$\mathcal{O}(4; \{6^{28}, 3, 2^2\})$	300578990123520
6	$\mathcal{O}(4; \{6^{30}\})$	601157983606272
6	$\mathcal{O}(3; \{2^{54}\})$	46592
6	$\mathcal{O}(3; \{3^3, 2^{50}\})$	93312
6	$\mathcal{O}(3; \{3^6, 2^{46}\})$	1026432
6	$\mathcal{O}(3; \{3^9, 2^{42}\})$	7931520
6	$\mathcal{O}(3; \{3^{12}, 2^{38}\})$	63732096
6	$\mathcal{O}(3; \{3^{15}, 2^{34}\})$	509576832
6	$\mathcal{O}(3; \{3^{18}, 2^{30}\})$	4076894592
6	$\mathcal{O}(3; \{3^{21}, 2^{26}\})$	32614876800
6	$\mathcal{O}(3; \{3^{24}, 2^{22}\})$	260919294336
6	$\mathcal{O}(3; \{3^{27}, 2^{18}\})$	2087354074752
6	$\mathcal{O}(3; \{3^{30}, 2^{14}\})$	16698832877952
6	$\mathcal{O}(3; \{3^{33}, 2^{10}\})$	133590662743680
6	$\mathcal{O}(3; \{3^{36}, 2^6\})$	1068725302229376
6	$\mathcal{O}(3; \{3^{39}, 2^2\})$	8549802417555072
6	$\mathcal{O}(3; \{6, 3, 2^{51}\})$	93312
6	$\mathcal{O}(3; \{6, 3^4, 2^{47}\})$	466560
6	$\mathcal{O}(3; \{6, 3^7, 2^{43}\})$	4012416
6	$\mathcal{O}(3; \{6, 3^{10}, 2^{39}\})$	31819392
6	$\mathcal{O}(3; \{6, 3^{13}, 2^{35}\})$	254835072
6	$\mathcal{O}(3; \{6, 3^{16}, 2^{31}\})$	2038400640
6	$\mathcal{O}(3; \{6, 3^{19}, 2^{27}\})$	16307485056
6	$\mathcal{O}(3; \{6, 3^{22}, 2^{23}\})$	130459600512
6	$\mathcal{O}(3; \{6, 3^{25}, 2^{19}\})$	1043677084032
6	$\mathcal{O}(3; \{6, 3^{28}, 2^{15}\})$	8349416392320
6	$\mathcal{O}(3; \{6, 3^{31}, 2^{11}\})$	66795331418496
6	$\mathcal{O}(3; \{6, 3^{34}, 2^7\})$	534362651068032
6	$\mathcal{O}(3; \{6, 3^{37}, 2^3\})$	4274901208824192
6	$\mathcal{O}(3; \{6^2, 3^2, 2^{48}\})$	279936
6	$\mathcal{O}(3; \{6^2, 3^5, 2^{44}\})$	1959552
6	$\mathcal{O}(3; \{6^2, 3^8, 2^{40}\})$	15956352
6	$\mathcal{O}(3; \{6^2, 3^{11}, 2^{36}\})$	127370880
6	$\mathcal{O}(3; \{6^2, 3^{14}, 2^{32}\})$	1019246976
6	$\mathcal{O}(3; \{6^2, 3^{17}, 2^{28}\})$	8153695872
6	$\mathcal{O}(3; \{6^2, 3^{20}, 2^{24}\})$	65229846912

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^2, 3^{23}, 2^{20}\})$	521838495360
6	$\mathcal{O}(3; \{6^2, 3^{26}, 2^{16}\})$	4174708242816
6	$\mathcal{O}(3; \{6^2, 3^{29}, 2^{12}\})$	33397665662592
6	$\mathcal{O}(3; \{6^2, 3^{32}, 2^8\})$	267181325580672
6	$\mathcal{O}(3; \{6^2, 3^{35}, 2^4\})$	2137450604365440
6	$\mathcal{O}(3; \{6^2, 3^{38}\})$	17099604835203456
6	$\mathcal{O}(3; \{6^3, 2^{49}\})$	93312
6	$\mathcal{O}(3; \{6^3, 3^3, 2^{45}\})$	1026432
6	$\mathcal{O}(3; \{6^3, 3^6, 2^{41}\})$	7931520
6	$\mathcal{O}(3; \{6^3, 3^9, 2^{37}\})$	63732096
6	$\mathcal{O}(3; \{6^3, 3^{12}, 2^{33}\})$	509576832
6	$\mathcal{O}(3; \{6^3, 3^{15}, 2^{29}\})$	4076894592
6	$\mathcal{O}(3; \{6^3, 3^{18}, 2^{25}\})$	32614876800
6	$\mathcal{O}(3; \{6^3, 3^{21}, 2^{21}\})$	260919294336
6	$\mathcal{O}(3; \{6^3, 3^{24}, 2^{17}\})$	2087354074752
6	$\mathcal{O}(3; \{6^3, 3^{27}, 2^{13}\})$	16698832877952
6	$\mathcal{O}(3; \{6^3, 3^{30}, 2^9\})$	133590662743680
6	$\mathcal{O}(3; \{6^3, 3^{33}, 2^5\})$	1068725302229376
6	$\mathcal{O}(3; \{6^3, 3^{36}, 2\})$	8549802417555072
6	$\mathcal{O}(3; \{6^4, 3, 2^{46}\})$	466560
6	$\mathcal{O}(3; \{6^4, 3^4, 2^{42}\})$	4012416
6	$\mathcal{O}(3; \{6^4, 3^7, 2^{38}\})$	31819392
6	$\mathcal{O}(3; \{6^4, 3^{10}, 2^{34}\})$	254835072
6	$\mathcal{O}(3; \{6^4, 3^{13}, 2^{30}\})$	2038400640
6	$\mathcal{O}(3; \{6^4, 3^{16}, 2^{26}\})$	16307485056
6	$\mathcal{O}(3; \{6^4, 3^{19}, 2^{22}\})$	130459600512
6	$\mathcal{O}(3; \{6^4, 3^{22}, 2^{18}\})$	1043677084032
6	$\mathcal{O}(3; \{6^4, 3^{25}, 2^{14}\})$	8349416392320
6	$\mathcal{O}(3; \{6^4, 3^{28}, 2^{10}\})$	66795331418496
6	$\mathcal{O}(3; \{6^4, 3^{31}, 2^6\})$	534362651068032
6	$\mathcal{O}(3; \{6^4, 3^{34}, 2^2\})$	4274901208824192
6	$\mathcal{O}(3; \{6^5, 3^2, 2^{43}\})$	1959552
6	$\mathcal{O}(3; \{6^5, 3^5, 2^{39}\})$	15956352
6	$\mathcal{O}(3; \{6^5, 3^8, 2^{35}\})$	127370880
6	$\mathcal{O}(3; \{6^5, 3^{11}, 2^{31}\})$	1019246976
6	$\mathcal{O}(3; \{6^5, 3^{14}, 2^{27}\})$	8153695872
6	$\mathcal{O}(3; \{6^5, 3^{17}, 2^{23}\})$	65229846912
6	$\mathcal{O}(3; \{6^5, 3^{20}, 2^{19}\})$	521838495360
6	$\mathcal{O}(3; \{6^5, 3^{23}, 2^{15}\})$	4174708242816
6	$\mathcal{O}(3; \{6^5, 3^{26}, 2^{11}\})$	33397665662592
6	$\mathcal{O}(3; \{6^5, 3^{29}, 2^7\})$	267181325580672
6	$\mathcal{O}(3; \{6^5, 3^{32}, 2^3\})$	2137450604365440
6	$\mathcal{O}(3; \{6^6, 2^{44}\})$	1026432

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^6, 3^3, 2^{40}\})$	7931520
6	$\mathcal{O}(3; \{6^6, 3^6, 2^{36}\})$	63732096
6	$\mathcal{O}(3; \{6^6, 3^9, 2^{32}\})$	509576832
6	$\mathcal{O}(3; \{6^6, 3^{12}, 2^{28}\})$	4076894592
6	$\mathcal{O}(3; \{6^6, 3^{15}, 2^{24}\})$	32614876800
6	$\mathcal{O}(3; \{6^6, 3^{18}, 2^{20}\})$	260919294336
6	$\mathcal{O}(3; \{6^6, 3^{21}, 2^{16}\})$	2087354074752
6	$\mathcal{O}(3; \{6^6, 3^{24}, 2^{12}\})$	16698832877952
6	$\mathcal{O}(3; \{6^6, 3^{27}, 2^8\})$	133590662743680
6	$\mathcal{O}(3; \{6^6, 3^{30}, 2^4\})$	1068725302229376
6	$\mathcal{O}(3; \{6^6, 3^{33}\})$	8549802417555072
6	$\mathcal{O}(3; \{6^7, 3, 2^{41}\})$	4012416
6	$\mathcal{O}(3; \{6^7, 3^4, 2^{37}\})$	31819392
6	$\mathcal{O}(3; \{6^7, 3^7, 2^{33}\})$	254835072
6	$\mathcal{O}(3; \{6^7, 3^{10}, 2^{29}\})$	2038400640
6	$\mathcal{O}(3; \{6^7, 3^{13}, 2^{25}\})$	16307485056
6	$\mathcal{O}(3; \{6^7, 3^{16}, 2^{21}\})$	130459600512
6	$\mathcal{O}(3; \{6^7, 3^{19}, 2^{17}\})$	1043677084032
6	$\mathcal{O}(3; \{6^7, 3^{22}, 2^{13}\})$	8349416392320
6	$\mathcal{O}(3; \{6^7, 3^{25}, 2^9\})$	66795331418496
6	$\mathcal{O}(3; \{6^7, 3^{28}, 2^5\})$	534362651068032
6	$\mathcal{O}(3; \{6^7, 3^{31}, 2\})$	4274901208824192
6	$\mathcal{O}(3; \{6^8, 3^2, 2^{38}\})$	15956352
6	$\mathcal{O}(3; \{6^8, 3^5, 2^{34}\})$	127370880
6	$\mathcal{O}(3; \{6^8, 3^8, 2^{30}\})$	1019246976
6	$\mathcal{O}(3; \{6^8, 3^{11}, 2^{26}\})$	8153695872
6	$\mathcal{O}(3; \{6^8, 3^{14}, 2^{22}\})$	65229846912
6	$\mathcal{O}(3; \{6^8, 3^{17}, 2^{18}\})$	521838495360
6	$\mathcal{O}(3; \{6^8, 3^{20}, 2^{14}\})$	4174708242816
6	$\mathcal{O}(3; \{6^8, 3^{23}, 2^{10}\})$	33397665662592
6	$\mathcal{O}(3; \{6^8, 3^{26}, 2^6\})$	267181325580672
6	$\mathcal{O}(3; \{6^8, 3^{29}, 2^2\})$	2137450604365440
6	$\mathcal{O}(3; \{6^9, 2^{39}\})$	7931520
6	$\mathcal{O}(3; \{6^9, 3^3, 2^{35}\})$	63732096
6	$\mathcal{O}(3; \{6^9, 3^6, 2^{31}\})$	509576832
6	$\mathcal{O}(3; \{6^9, 3^9, 2^{27}\})$	4076894592
6	$\mathcal{O}(3; \{6^9, 3^{12}, 2^{23}\})$	32614876800
6	$\mathcal{O}(3; \{6^9, 3^{15}, 2^{19}\})$	260919294336
6	$\mathcal{O}(3; \{6^9, 3^{18}, 2^{15}\})$	2087354074752
6	$\mathcal{O}(3; \{6^9, 3^{21}, 2^{11}\})$	16698832877952
6	$\mathcal{O}(3; \{6^9, 3^{24}, 2^7\})$	133590662743680
6	$\mathcal{O}(3; \{6^9, 3^{27}, 2^3\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{10}, 3, 2^{36}\})$	31819392

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^{10}, 3^4, 2^{32}\})$	254835072
6	$\mathcal{O}(3; \{6^{10}, 3^7, 2^{28}\})$	2038400640
6	$\mathcal{O}(3; \{6^{10}, 3^{10}, 2^{24}\})$	16307485056
6	$\mathcal{O}(3; \{6^{10}, 3^{13}, 2^{20}\})$	130459600512
6	$\mathcal{O}(3; \{6^{10}, 3^{16}, 2^{16}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{10}, 3^{19}, 2^{12}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{10}, 3^{22}, 2^8\})$	66795331418496
6	$\mathcal{O}(3; \{6^{10}, 3^{25}, 2^4\})$	534362651068032
6	$\mathcal{O}(3; \{6^{10}, 3^{28}\})$	4274901208824192
6	$\mathcal{O}(3; \{6^{11}, 3^2, 2^{33}\})$	127370880
6	$\mathcal{O}(3; \{6^{11}, 3^5, 2^{29}\})$	1019246976
6	$\mathcal{O}(3; \{6^{11}, 3^8, 2^{25}\})$	8153695872
6	$\mathcal{O}(3; \{6^{11}, 3^{11}, 2^{21}\})$	65229846912
6	$\mathcal{O}(3; \{6^{11}, 3^{14}, 2^{17}\})$	521838495360
6	$\mathcal{O}(3; \{6^{11}, 3^{17}, 2^{13}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{11}, 3^{20}, 2^9\})$	33397665662592
6	$\mathcal{O}(3; \{6^{11}, 3^{23}, 2^5\})$	267181325580672
6	$\mathcal{O}(3; \{6^{11}, 3^{26}, 2\})$	2137450604365440
6	$\mathcal{O}(3; \{6^{12}, 2^{34}\})$	63732096
6	$\mathcal{O}(3; \{6^{12}, 3^3, 2^{30}\})$	509576832
6	$\mathcal{O}(3; \{6^{12}, 3^6, 2^{26}\})$	4076894592
6	$\mathcal{O}(3; \{6^{12}, 3^9, 2^{22}\})$	32614876800
6	$\mathcal{O}(3; \{6^{12}, 3^{12}, 2^{18}\})$	260919294336
6	$\mathcal{O}(3; \{6^{12}, 3^{15}, 2^{14}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{12}, 3^{18}, 2^{10}\})$	16698832877952
6	$\mathcal{O}(3; \{6^{12}, 3^{21}, 2^6\})$	133590662743680
6	$\mathcal{O}(3; \{6^{12}, 3^{24}, 2^2\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{13}, 3, 2^{31}\})$	254835072
6	$\mathcal{O}(3; \{6^{13}, 3^4, 2^{27}\})$	2038400640
6	$\mathcal{O}(3; \{6^{13}, 3^7, 2^{23}\})$	16307485056
6	$\mathcal{O}(3; \{6^{13}, 3^{10}, 2^{19}\})$	130459600512
6	$\mathcal{O}(3; \{6^{13}, 3^{13}, 2^{15}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{13}, 3^{16}, 2^{11}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{13}, 3^{19}, 2^7\})$	66795331418496
6	$\mathcal{O}(3; \{6^{13}, 3^{22}, 2^3\})$	534362651068032
6	$\mathcal{O}(3; \{6^{14}, 3^2, 2^{28}\})$	1019246976
6	$\mathcal{O}(3; \{6^{14}, 3^5, 2^{24}\})$	8153695872
6	$\mathcal{O}(3; \{6^{14}, 3^8, 2^{20}\})$	65229846912
6	$\mathcal{O}(3; \{6^{14}, 3^{11}, 2^{16}\})$	521838495360
6	$\mathcal{O}(3; \{6^{14}, 3^{14}, 2^{12}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{14}, 3^{17}, 2^8\})$	33397665662592
6	$\mathcal{O}(3; \{6^{14}, 3^{20}, 2^4\})$	267181325580672
6	$\mathcal{O}(3; \{6^{14}, 3^{23}\})$	2137450604365440

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^{15}, 2^{29}\})$	509576832
6	$\mathcal{O}(3; \{6^{15}, 3^3, 2^{25}\})$	4076894592
6	$\mathcal{O}(3; \{6^{15}, 3^6, 2^{21}\})$	32614876800
6	$\mathcal{O}(3; \{6^{15}, 3^9, 2^{17}\})$	260919294336
6	$\mathcal{O}(3; \{6^{15}, 3^{12}, 2^{13}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{15}, 3^{15}, 2^9\})$	16698832877952
6	$\mathcal{O}(3; \{6^{15}, 3^{18}, 2^5\})$	133590662743680
6	$\mathcal{O}(3; \{6^{15}, 3^{21}, 2\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{16}, 3, 2^{26}\})$	2038400640
6	$\mathcal{O}(3; \{6^{16}, 3^4, 2^{22}\})$	16307485056
6	$\mathcal{O}(3; \{6^{16}, 3^7, 2^{18}\})$	130459600512
6	$\mathcal{O}(3; \{6^{16}, 3^{10}, 2^{14}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{16}, 3^{13}, 2^{10}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{16}, 3^{16}, 2^6\})$	66795331418496
6	$\mathcal{O}(3; \{6^{16}, 3^{19}, 2^2\})$	534362651068032
6	$\mathcal{O}(3; \{6^{17}, 3^2, 2^{23}\})$	8153695872
6	$\mathcal{O}(3; \{6^{17}, 3^5, 2^{19}\})$	65229846912
6	$\mathcal{O}(3; \{6^{17}, 3^8, 2^{15}\})$	521838495360
6	$\mathcal{O}(3; \{6^{17}, 3^{11}, 2^{11}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{17}, 3^{14}, 2^7\})$	33397665662592
6	$\mathcal{O}(3; \{6^{17}, 3^{17}, 2^3\})$	267181325580672
6	$\mathcal{O}(3; \{6^{18}, 2^{24}\})$	4076894592
6	$\mathcal{O}(3; \{6^{18}, 3^3, 2^{20}\})$	32614876800
6	$\mathcal{O}(3; \{6^{18}, 3^6, 2^{16}\})$	260919294336
6	$\mathcal{O}(3; \{6^{18}, 3^9, 2^{12}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{18}, 3^{12}, 2^8\})$	16698832877952
6	$\mathcal{O}(3; \{6^{18}, 3^{15}, 2^4\})$	133590662743680
6	$\mathcal{O}(3; \{6^{18}, 3^{18}\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{19}, 3, 2^{21}\})$	16307485056
6	$\mathcal{O}(3; \{6^{19}, 3^4, 2^{17}\})$	130459600512
6	$\mathcal{O}(3; \{6^{19}, 3^7, 2^{13}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{19}, 3^{10}, 2^9\})$	8349416392320
6	$\mathcal{O}(3; \{6^{19}, 3^{13}, 2^5\})$	66795331418496
6	$\mathcal{O}(3; \{6^{19}, 3^{16}, 2\})$	534362651068032
6	$\mathcal{O}(3; \{6^{20}, 3^2, 2^{18}\})$	65229846912
6	$\mathcal{O}(3; \{6^{20}, 3^5, 2^{14}\})$	521838495360
6	$\mathcal{O}(3; \{6^{20}, 3^8, 2^{10}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{20}, 3^{11}, 2^6\})$	33397665662592
6	$\mathcal{O}(3; \{6^{20}, 3^{14}, 2^2\})$	267181325580672
6	$\mathcal{O}(3; \{6^{21}, 2^{19}\})$	32614876800
6	$\mathcal{O}(3; \{6^{21}, 3^3, 2^{15}\})$	260919294336
6	$\mathcal{O}(3; \{6^{21}, 3^6, 2^{11}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{21}, 3^9, 2^7\})$	16698832877952

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^{21}, 3^{12}, 2^3\})$	133590662743680
6	$\mathcal{O}(3; \{6^{22}, 3, 2^{16}\})$	130459600512
6	$\mathcal{O}(3; \{6^{22}, 3^4, 2^{12}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{22}, 3^7, 2^8\})$	8349416392320
6	$\mathcal{O}(3; \{6^{22}, 3^{10}, 2^4\})$	66795331418496
6	$\mathcal{O}(3; \{6^{22}, 3^{13}\})$	534362651068032
6	$\mathcal{O}(3; \{6^{23}, 3^2, 2^{13}\})$	521838495360
6	$\mathcal{O}(3; \{6^{23}, 3^5, 2^9\})$	4174708242816
6	$\mathcal{O}(3; \{6^{23}, 3^8, 2^5\})$	33397665662592
6	$\mathcal{O}(3; \{6^{23}, 3^{11}, 2\})$	267181325580672
6	$\mathcal{O}(3; \{6^{24}, 2^{14}\})$	260919294336
6	$\mathcal{O}(3; \{6^{24}, 3^3, 2^{10}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{24}, 3^6, 2^6\})$	16698832877952
6	$\mathcal{O}(3; \{6^{24}, 3^9, 2^2\})$	133590662743680
6	$\mathcal{O}(3; \{6^{25}, 3, 2^{11}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{25}, 3^4, 2^7\})$	8349416392320
6	$\mathcal{O}(3; \{6^{25}, 3^7, 2^3\})$	66795331418496
6	$\mathcal{O}(3; \{6^{26}, 3^2, 2^8\})$	4174708242816
6	$\mathcal{O}(3; \{6^{26}, 3^5, 2^4\})$	33397665662592
6	$\mathcal{O}(3; \{6^{26}, 3^8\})$	267181325580672
6	$\mathcal{O}(3; \{6^{27}, 2^9\})$	2087354074752
6	$\mathcal{O}(3; \{6^{27}, 3^3, 2^5\})$	16698832877952
6	$\mathcal{O}(3; \{6^{27}, 3^6, 2\})$	133590662743680
6	$\mathcal{O}(3; \{6^{28}, 3, 2^6\})$	8349416392320
6	$\mathcal{O}(3; \{6^{28}, 3^4, 2^2\})$	66795331418496
6	$\mathcal{O}(3; \{6^{29}, 3^2, 2^3\})$	33397665662592
6	$\mathcal{O}(3; \{6^{30}, 2^4\})$	16698832877952
6	$\mathcal{O}(3; \{6^{30}, 3^3\})$	133590662743680
6	$\mathcal{O}(3; \{6^{31}, 3, 2\})$	66795331418496
6	$\mathcal{O}(2; \{2^{58}\})$	1280
6	$\mathcal{O}(2; \{3^3, 2^{54}\})$	2592
6	$\mathcal{O}(2; \{3^6, 2^{50}\})$	28512
6	$\mathcal{O}(2; \{3^9, 2^{46}\})$	220320
6	$\mathcal{O}(2; \{3^{12}, 2^{42}\})$	1770336
6	$\mathcal{O}(2; \{3^{15}, 2^{38}\})$	14154912
6	$\mathcal{O}(2; \{3^{18}, 2^{34}\})$	113247072
6	$\mathcal{O}(2; \{3^{21}, 2^{30}\})$	905968800
6	$\mathcal{O}(2; \{3^{24}, 2^{26}\})$	7247758176
6	$\mathcal{O}(2; \{3^{27}, 2^{22}\})$	57982057632
6	$\mathcal{O}(2; \{3^{30}, 2^{18}\})$	463856468832
6	$\mathcal{O}(2; \{3^{33}, 2^{14}\})$	3710851742880
6	$\mathcal{O}(2; \{3^{36}, 2^{10}\})$	29686813950816
6	$\mathcal{O}(2; \{3^{39}, 2^6\})$	237494511598752

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{3^{42}, 2^2\})$	1899956092797792
6	$\mathcal{O}(2; \{6, 3, 2^{55}\})$	2592
6	$\mathcal{O}(2; \{6, 3^4, 2^{51}\})$	12960
6	$\mathcal{O}(2; \{6, 3^7, 2^{47}\})$	111456
6	$\mathcal{O}(2; \{6, 3^{10}, 2^{43}\})$	883872
6	$\mathcal{O}(2; \{6, 3^{13}, 2^{39}\})$	7078752
6	$\mathcal{O}(2; \{6, 3^{16}, 2^{35}\})$	56622240
6	$\mathcal{O}(2; \{6, 3^{19}, 2^{31}\})$	452985696
6	$\mathcal{O}(2; \{6, 3^{22}, 2^{27}\})$	3623877792
6	$\mathcal{O}(2; \{6, 3^{25}, 2^{23}\})$	28991030112
6	$\mathcal{O}(2; \{6, 3^{28}, 2^{19}\})$	231928233120
6	$\mathcal{O}(2; \{6, 3^{31}, 2^{15}\})$	1855425872736
6	$\mathcal{O}(2; \{6, 3^{34}, 2^{11}\})$	14843406974112
6	$\mathcal{O}(2; \{6, 3^{37}, 2^7\})$	118747255800672
6	$\mathcal{O}(2; \{6, 3^{40}, 2^3\})$	949978046397600
6	$\mathcal{O}(2; \{6^2, 3^2, 2^{52}\})$	7776
6	$\mathcal{O}(2; \{6^2, 3^5, 2^{48}\})$	54432
6	$\mathcal{O}(2; \{6^2, 3^8, 2^{44}\})$	443232
6	$\mathcal{O}(2; \{6^2, 3^{11}, 2^{40}\})$	3538080
6	$\mathcal{O}(2; \{6^2, 3^{14}, 2^{36}\})$	28312416
6	$\mathcal{O}(2; \{6^2, 3^{17}, 2^{32}\})$	226491552
6	$\mathcal{O}(2; \{6^2, 3^{20}, 2^{28}\})$	1811940192
6	$\mathcal{O}(2; \{6^2, 3^{23}, 2^{24}\})$	14495513760
6	$\mathcal{O}(2; \{6^2, 3^{26}, 2^{20}\})$	115964117856
6	$\mathcal{O}(2; \{6^2, 3^{29}, 2^{16}\})$	927712935072
6	$\mathcal{O}(2; \{6^2, 3^{32}, 2^{12}\})$	7421703488352
6	$\mathcal{O}(2; \{6^2, 3^{35}, 2^8\})$	59373627899040
6	$\mathcal{O}(2; \{6^2, 3^{38}, 2^4\})$	474989023200096
6	$\mathcal{O}(2; \{6^2, 3^{41}\})$	3799912185592992
6	$\mathcal{O}(2; \{6^3, 2^{53}\})$	2592
6	$\mathcal{O}(2; \{6^3, 3^3, 2^{49}\})$	28512
6	$\mathcal{O}(2; \{6^3, 3^6, 2^{45}\})$	220320
6	$\mathcal{O}(2; \{6^3, 3^9, 2^{41}\})$	1770336
6	$\mathcal{O}(2; \{6^3, 3^{12}, 2^{37}\})$	14154912
6	$\mathcal{O}(2; \{6^3, 3^{15}, 2^{33}\})$	113247072
6	$\mathcal{O}(2; \{6^3, 3^{18}, 2^{29}\})$	905968800
6	$\mathcal{O}(2; \{6^3, 3^{21}, 2^{25}\})$	7247758176
6	$\mathcal{O}(2; \{6^3, 3^{24}, 2^{21}\})$	57982057632
6	$\mathcal{O}(2; \{6^3, 3^{27}, 2^{17}\})$	463856468832
6	$\mathcal{O}(2; \{6^3, 3^{30}, 2^{13}\})$	3710851742880
6	$\mathcal{O}(2; \{6^3, 3^{33}, 2^9\})$	29686813950816
6	$\mathcal{O}(2; \{6^3, 3^{36}, 2^5\})$	237494511598752
6	$\mathcal{O}(2; \{6^3, 3^{39}, 2\})$	1899956092797792

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^4, 3, 2^{50}\})$	12960
6	$\mathcal{O}(2; \{6^4, 3^4, 2^{46}\})$	111456
6	$\mathcal{O}(2; \{6^4, 3^7, 2^{42}\})$	883872
6	$\mathcal{O}(2; \{6^4, 3^{10}, 2^{38}\})$	7078752
6	$\mathcal{O}(2; \{6^4, 3^{13}, 2^{34}\})$	56622240
6	$\mathcal{O}(2; \{6^4, 3^{16}, 2^{30}\})$	452985696
6	$\mathcal{O}(2; \{6^4, 3^{19}, 2^{26}\})$	3623877792
6	$\mathcal{O}(2; \{6^4, 3^{22}, 2^{22}\})$	28991030112
6	$\mathcal{O}(2; \{6^4, 3^{25}, 2^{18}\})$	231928233120
6	$\mathcal{O}(2; \{6^4, 3^{28}, 2^{14}\})$	1855425872736
6	$\mathcal{O}(2; \{6^4, 3^{31}, 2^{10}\})$	14843406974112
6	$\mathcal{O}(2; \{6^4, 3^{34}, 2^6\})$	118747255800672
6	$\mathcal{O}(2; \{6^4, 3^{37}, 2^2\})$	949978046397600
6	$\mathcal{O}(2; \{6^5, 3^2, 2^{47}\})$	54432
6	$\mathcal{O}(2; \{6^5, 3^5, 2^{43}\})$	443232
6	$\mathcal{O}(2; \{6^5, 3^8, 2^{39}\})$	3538080
6	$\mathcal{O}(2; \{6^5, 3^{11}, 2^{35}\})$	28312416
6	$\mathcal{O}(2; \{6^5, 3^{14}, 2^{31}\})$	226491552
6	$\mathcal{O}(2; \{6^5, 3^{17}, 2^{27}\})$	1811940192
6	$\mathcal{O}(2; \{6^5, 3^{20}, 2^{23}\})$	14495513760
6	$\mathcal{O}(2; \{6^5, 3^{23}, 2^{19}\})$	115964117856
6	$\mathcal{O}(2; \{6^5, 3^{26}, 2^{15}\})$	927712935072
6	$\mathcal{O}(2; \{6^5, 3^{29}, 2^{11}\})$	7421703488352
6	$\mathcal{O}(2; \{6^5, 3^{32}, 2^7\})$	59373627899040
6	$\mathcal{O}(2; \{6^5, 3^{35}, 2^3\})$	474989023200096
6	$\mathcal{O}(2; \{6^6, 2^{48}\})$	28512
6	$\mathcal{O}(2; \{6^6, 3^3, 2^{44}\})$	220320
6	$\mathcal{O}(2; \{6^6, 3^6, 2^{40}\})$	1770336
6	$\mathcal{O}(2; \{6^6, 3^9, 2^{36}\})$	14154912
6	$\mathcal{O}(2; \{6^6, 3^{12}, 2^{32}\})$	113247072
6	$\mathcal{O}(2; \{6^6, 3^{15}, 2^{28}\})$	905968800
6	$\mathcal{O}(2; \{6^6, 3^{18}, 2^{24}\})$	7247758176
6	$\mathcal{O}(2; \{6^6, 3^{21}, 2^{20}\})$	57982057632
6	$\mathcal{O}(2; \{6^6, 3^{24}, 2^{16}\})$	463856468832
6	$\mathcal{O}(2; \{6^6, 3^{27}, 2^{12}\})$	3710851742880
6	$\mathcal{O}(2; \{6^6, 3^{30}, 2^8\})$	29686813950816
6	$\mathcal{O}(2; \{6^6, 3^{33}, 2^4\})$	237494511598752
6	$\mathcal{O}(2; \{6^6, 3^{36}\})$	1899956092797792
6	$\mathcal{O}(2; \{6^7, 3, 2^{45}\})$	111456
6	$\mathcal{O}(2; \{6^7, 3^4, 2^{41}\})$	883872
6	$\mathcal{O}(2; \{6^7, 3^7, 2^{37}\})$	7078752
6	$\mathcal{O}(2; \{6^7, 3^{10}, 2^{33}\})$	56622240
6	$\mathcal{O}(2; \{6^7, 3^{13}, 2^{29}\})$	452985696

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^7, 3^{16}, 2^{25}\})$	3623877792
6	$\mathcal{O}(2; \{6^7, 3^{19}, 2^{21}\})$	28991030112
6	$\mathcal{O}(2; \{6^7, 3^{22}, 2^{17}\})$	231928233120
6	$\mathcal{O}(2; \{6^7, 3^{25}, 2^{13}\})$	1855425872736
6	$\mathcal{O}(2; \{6^7, 3^{28}, 2^9\})$	14843406974112
6	$\mathcal{O}(2; \{6^7, 3^{31}, 2^5\})$	118747255800672
6	$\mathcal{O}(2; \{6^7, 3^{34}, 2\})$	949978046397600
6	$\mathcal{O}(2; \{6^8, 3^2, 2^{42}\})$	443232
6	$\mathcal{O}(2; \{6^8, 3^5, 2^{38}\})$	3538080
6	$\mathcal{O}(2; \{6^8, 3^8, 2^{34}\})$	28312416
6	$\mathcal{O}(2; \{6^8, 3^{11}, 2^{30}\})$	226491552
6	$\mathcal{O}(2; \{6^8, 3^{14}, 2^{26}\})$	1811940192
6	$\mathcal{O}(2; \{6^8, 3^{17}, 2^{22}\})$	14495513760
6	$\mathcal{O}(2; \{6^8, 3^{20}, 2^{18}\})$	115964117856
6	$\mathcal{O}(2; \{6^8, 3^{23}, 2^{14}\})$	927712935072
6	$\mathcal{O}(2; \{6^8, 3^{26}, 2^{10}\})$	7421703488352
6	$\mathcal{O}(2; \{6^8, 3^{29}, 2^6\})$	59373627899040
6	$\mathcal{O}(2; \{6^8, 3^{32}, 2^2\})$	474989023200096
6	$\mathcal{O}(2; \{6^9, 2^{43}\})$	220320
6	$\mathcal{O}(2; \{6^9, 3^3, 2^{39}\})$	1770336
6	$\mathcal{O}(2; \{6^9, 3^6, 2^{35}\})$	14154912
6	$\mathcal{O}(2; \{6^9, 3^9, 2^{31}\})$	113247072
6	$\mathcal{O}(2; \{6^9, 3^{12}, 2^{27}\})$	905968800
6	$\mathcal{O}(2; \{6^9, 3^{15}, 2^{23}\})$	7247758176
6	$\mathcal{O}(2; \{6^9, 3^{18}, 2^{19}\})$	57982057632
6	$\mathcal{O}(2; \{6^9, 3^{21}, 2^{15}\})$	463856468832
6	$\mathcal{O}(2; \{6^9, 3^{24}, 2^{11}\})$	3710851742880
6	$\mathcal{O}(2; \{6^9, 3^{27}, 2^7\})$	29686813950816
6	$\mathcal{O}(2; \{6^9, 3^{30}, 2^3\})$	237494511598752
6	$\mathcal{O}(2; \{6^{10}, 3, 2^{40}\})$	883872
6	$\mathcal{O}(2; \{6^{10}, 3^4, 2^{36}\})$	7078752
6	$\mathcal{O}(2; \{6^{10}, 3^7, 2^{32}\})$	56622240
6	$\mathcal{O}(2; \{6^{10}, 3^{10}, 2^{28}\})$	452985696
6	$\mathcal{O}(2; \{6^{10}, 3^{13}, 2^{24}\})$	3623877792
6	$\mathcal{O}(2; \{6^{10}, 3^{16}, 2^{20}\})$	28991030112
6	$\mathcal{O}(2; \{6^{10}, 3^{19}, 2^{16}\})$	231928233120
6	$\mathcal{O}(2; \{6^{10}, 3^{22}, 2^{12}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{10}, 3^{25}, 2^8\})$	14843406974112
6	$\mathcal{O}(2; \{6^{10}, 3^{28}, 2^4\})$	118747255800672
6	$\mathcal{O}(2; \{6^{10}, 3^{31}\})$	949978046397600
6	$\mathcal{O}(2; \{6^{11}, 3^2, 2^{37}\})$	3538080
6	$\mathcal{O}(2; \{6^{11}, 3^5, 2^{33}\})$	28312416
6	$\mathcal{O}(2; \{6^{11}, 3^8, 2^{29}\})$	226491552

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^{11}, 3^{11}, 2^{25}\})$	1811940192
6	$\mathcal{O}(2; \{6^{11}, 3^{14}, 2^{21}\})$	14495513760
6	$\mathcal{O}(2; \{6^{11}, 3^{17}, 2^{17}\})$	115964117856
6	$\mathcal{O}(2; \{6^{11}, 3^{20}, 2^{13}\})$	927712935072
6	$\mathcal{O}(2; \{6^{11}, 3^{23}, 2^9\})$	7421703488352
6	$\mathcal{O}(2; \{6^{11}, 3^{26}, 2^5\})$	59373627899040
6	$\mathcal{O}(2; \{6^{11}, 3^{29}, 2\})$	474989023200096
6	$\mathcal{O}(2; \{6^{12}, 2^{38}\})$	1770336
6	$\mathcal{O}(2; \{6^{12}, 3^3, 2^{34}\})$	14154912
6	$\mathcal{O}(2; \{6^{12}, 3^6, 2^{30}\})$	113247072
6	$\mathcal{O}(2; \{6^{12}, 3^9, 2^{26}\})$	905968800
6	$\mathcal{O}(2; \{6^{12}, 3^{12}, 2^{22}\})$	7247758176
6	$\mathcal{O}(2; \{6^{12}, 3^{15}, 2^{18}\})$	57982057632
6	$\mathcal{O}(2; \{6^{12}, 3^{18}, 2^{14}\})$	463856468832
6	$\mathcal{O}(2; \{6^{12}, 3^{21}, 2^{10}\})$	3710851742880
6	$\mathcal{O}(2; \{6^{12}, 3^{24}, 2^6\})$	29686813950816
6	$\mathcal{O}(2; \{6^{12}, 3^{27}, 2^2\})$	237494511598752
6	$\mathcal{O}(2; \{6^{13}, 3, 2^{35}\})$	7078752
6	$\mathcal{O}(2; \{6^{13}, 3^4, 2^{31}\})$	56622240
6	$\mathcal{O}(2; \{6^{13}, 3^7, 2^{27}\})$	452985696
6	$\mathcal{O}(2; \{6^{13}, 3^{10}, 2^{23}\})$	3623877792
6	$\mathcal{O}(2; \{6^{13}, 3^{13}, 2^{19}\})$	28991030112
6	$\mathcal{O}(2; \{6^{13}, 3^{16}, 2^{15}\})$	231928233120
6	$\mathcal{O}(2; \{6^{13}, 3^{19}, 2^{11}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{13}, 3^{22}, 2^7\})$	14843406974112
6	$\mathcal{O}(2; \{6^{13}, 3^{25}, 2^3\})$	118747255800672
6	$\mathcal{O}(2; \{6^{14}, 3^2, 2^{32}\})$	28312416
6	$\mathcal{O}(2; \{6^{14}, 3^5, 2^{28}\})$	226491552
6	$\mathcal{O}(2; \{6^{14}, 3^8, 2^{24}\})$	1811940192
6	$\mathcal{O}(2; \{6^{14}, 3^{11}, 2^{20}\})$	14495513760
6	$\mathcal{O}(2; \{6^{14}, 3^{14}, 2^{16}\})$	115964117856
6	$\mathcal{O}(2; \{6^{14}, 3^{17}, 2^{12}\})$	927712935072
6	$\mathcal{O}(2; \{6^{14}, 3^{20}, 2^8\})$	7421703488352
6	$\mathcal{O}(2; \{6^{14}, 3^{23}, 2^4\})$	59373627899040
6	$\mathcal{O}(2; \{6^{14}, 3^{26}\})$	474989023200096
6	$\mathcal{O}(2; \{6^{15}, 2^{33}\})$	14154912
6	$\mathcal{O}(2; \{6^{15}, 3^3, 2^{29}\})$	113247072
6	$\mathcal{O}(2; \{6^{15}, 3^6, 2^{25}\})$	905968800
6	$\mathcal{O}(2; \{6^{15}, 3^9, 2^{21}\})$	7247758176
6	$\mathcal{O}(2; \{6^{15}, 3^{12}, 2^{17}\})$	57982057632
6	$\mathcal{O}(2; \{6^{15}, 3^{15}, 2^{13}\})$	463856468832
6	$\mathcal{O}(2; \{6^{15}, 3^{18}, 2^9\})$	3710851742880
6	$\mathcal{O}(2; \{6^{15}, 3^{21}, 2^5\})$	29686813950816

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^{15}, 3^{24}, 2\})$	237494511598752
6	$\mathcal{O}(2; \{6^{16}, 3, 2^{30}\})$	56622240
6	$\mathcal{O}(2; \{6^{16}, 3^4, 2^{26}\})$	452985696
6	$\mathcal{O}(2; \{6^{16}, 3^7, 2^{22}\})$	3623877792
6	$\mathcal{O}(2; \{6^{16}, 3^{10}, 2^{18}\})$	28991030112
6	$\mathcal{O}(2; \{6^{16}, 3^{13}, 2^{14}\})$	231928233120
6	$\mathcal{O}(2; \{6^{16}, 3^{16}, 2^{10}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{16}, 3^{19}, 2^6\})$	14843406974112
6	$\mathcal{O}(2; \{6^{16}, 3^{22}, 2^2\})$	118747255800672
6	$\mathcal{O}(2; \{6^{17}, 3^2, 2^{27}\})$	226491552
6	$\mathcal{O}(2; \{6^{17}, 3^5, 2^{23}\})$	1811940192
6	$\mathcal{O}(2; \{6^{17}, 3^8, 2^{19}\})$	14495513760
6	$\mathcal{O}(2; \{6^{17}, 3^{11}, 2^{15}\})$	115964117856
6	$\mathcal{O}(2; \{6^{17}, 3^{14}, 2^{11}\})$	927712935072
6	$\mathcal{O}(2; \{6^{17}, 3^{17}, 2^7\})$	7421703488352
6	$\mathcal{O}(2; \{6^{17}, 3^{20}, 2^3\})$	59373627899040
6	$\mathcal{O}(2; \{6^{18}, 2^{28}\})$	113247072
6	$\mathcal{O}(2; \{6^{18}, 3^3, 2^{24}\})$	905968800
6	$\mathcal{O}(2; \{6^{18}, 3^6, 2^{20}\})$	7247758176
6	$\mathcal{O}(2; \{6^{18}, 3^9, 2^{16}\})$	57982057632
6	$\mathcal{O}(2; \{6^{18}, 3^{12}, 2^{12}\})$	463856468832
6	$\mathcal{O}(2; \{6^{18}, 3^{15}, 2^8\})$	3710851742880
6	$\mathcal{O}(2; \{6^{18}, 3^{18}, 2^4\})$	29686813950816
6	$\mathcal{O}(2; \{6^{18}, 3^{21}\})$	237494511598752
6	$\mathcal{O}(2; \{6^{19}, 3, 2^{25}\})$	452985696
6	$\mathcal{O}(2; \{6^{19}, 3^4, 2^{21}\})$	3623877792
6	$\mathcal{O}(2; \{6^{19}, 3^7, 2^{17}\})$	28991030112
6	$\mathcal{O}(2; \{6^{19}, 3^{10}, 2^{13}\})$	231928233120
6	$\mathcal{O}(2; \{6^{19}, 3^{13}, 2^9\})$	1855425872736
6	$\mathcal{O}(2; \{6^{19}, 3^{16}, 2^5\})$	14843406974112
6	$\mathcal{O}(2; \{6^{19}, 3^{19}, 2\})$	118747255800672
6	$\mathcal{O}(2; \{6^{20}, 3^2, 2^{22}\})$	1811940192
6	$\mathcal{O}(2; \{6^{20}, 3^5, 2^{18}\})$	14495513760
6	$\mathcal{O}(2; \{6^{20}, 3^8, 2^{14}\})$	115964117856
6	$\mathcal{O}(2; \{6^{20}, 3^{11}, 2^{10}\})$	927712935072
6	$\mathcal{O}(2; \{6^{20}, 3^{14}, 2^6\})$	7421703488352
6	$\mathcal{O}(2; \{6^{20}, 3^{17}, 2^2\})$	59373627899040
6	$\mathcal{O}(2; \{6^{21}, 2^{23}\})$	905968800
6	$\mathcal{O}(2; \{6^{21}, 3^3, 2^{19}\})$	7247758176
6	$\mathcal{O}(2; \{6^{21}, 3^6, 2^{15}\})$	57982057632
6	$\mathcal{O}(2; \{6^{21}, 3^9, 2^{11}\})$	463856468832
6	$\mathcal{O}(2; \{6^{21}, 3^{12}, 2^7\})$	3710851742880
6	$\mathcal{O}(2; \{6^{21}, 3^{15}, 2^3\})$	29686813950816

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^{22}, 3, 2^{20}\})$	3623877792
6	$\mathcal{O}(2; \{6^{22}, 3^4, 2^{16}\})$	28991030112
6	$\mathcal{O}(2; \{6^{22}, 3^7, 2^{12}\})$	231928233120
6	$\mathcal{O}(2; \{6^{22}, 3^{10}, 2^8\})$	1855425872736
6	$\mathcal{O}(2; \{6^{22}, 3^{13}, 2^4\})$	14843406974112
6	$\mathcal{O}(2; \{6^{22}, 3^{16}\})$	118747255800672
6	$\mathcal{O}(2; \{6^{23}, 3^2, 2^{17}\})$	14495513760
6	$\mathcal{O}(2; \{6^{23}, 3^5, 2^{13}\})$	115964117856
6	$\mathcal{O}(2; \{6^{23}, 3^8, 2^9\})$	927712935072
6	$\mathcal{O}(2; \{6^{23}, 3^{11}, 2^5\})$	7421703488352
6	$\mathcal{O}(2; \{6^{23}, 3^{14}, 2\})$	59373627899040
6	$\mathcal{O}(2; \{6^{24}, 2^{18}\})$	7247758176
6	$\mathcal{O}(2; \{6^{24}, 3^3, 2^{14}\})$	57982057632
6	$\mathcal{O}(2; \{6^{24}, 3^6, 2^{10}\})$	463856468832
6	$\mathcal{O}(2; \{6^{24}, 3^9, 2^6\})$	3710851742880
6	$\mathcal{O}(2; \{6^{24}, 3^{12}, 2^2\})$	29686813950816
6	$\mathcal{O}(2; \{6^{25}, 3, 2^{15}\})$	28991030112
6	$\mathcal{O}(2; \{6^{25}, 3^4, 2^{11}\})$	231928233120
6	$\mathcal{O}(2; \{6^{25}, 3^7, 2^7\})$	1855425872736
6	$\mathcal{O}(2; \{6^{25}, 3^{10}, 2^3\})$	14843406974112
6	$\mathcal{O}(2; \{6^{26}, 3^2, 2^{12}\})$	115964117856
6	$\mathcal{O}(2; \{6^{26}, 3^5, 2^8\})$	927712935072
6	$\mathcal{O}(2; \{6^{26}, 3^8, 2^4\})$	7421703488352
6	$\mathcal{O}(2; \{6^{26}, 3^{11}\})$	59373627899040
6	$\mathcal{O}(2; \{6^{27}, 2^{13}\})$	57982057632
6	$\mathcal{O}(2; \{6^{27}, 3^3, 2^9\})$	463856468832
6	$\mathcal{O}(2; \{6^{27}, 3^6, 2^5\})$	3710851742880
6	$\mathcal{O}(2; \{6^{27}, 3^9, 2\})$	29686813950816
6	$\mathcal{O}(2; \{6^{28}, 3, 2^{10}\})$	231928233120
6	$\mathcal{O}(2; \{6^{28}, 3^4, 2^6\})$	1855425872736
6	$\mathcal{O}(2; \{6^{28}, 3^7, 2^2\})$	14843406974112
6	$\mathcal{O}(2; \{6^{29}, 3^2, 2^7\})$	927712935072
6	$\mathcal{O}(2; \{6^{29}, 3^5, 2^3\})$	7421703488352
6	$\mathcal{O}(2; \{6^{30}, 2^8\})$	463856468832
6	$\mathcal{O}(2; \{6^{30}, 3^3, 2^4\})$	3710851742880
6	$\mathcal{O}(2; \{6^{30}, 3^6\})$	29686813950816
6	$\mathcal{O}(2; \{6^{31}, 3, 2^5\})$	1855425872736
6	$\mathcal{O}(2; \{6^{31}, 3^4, 2\})$	14843406974112
6	$\mathcal{O}(2; \{6^{32}, 3^2, 2^2\})$	7421703488352
6	$\mathcal{O}(2; \{6^{33}, 2^3\})$	3710851742880
6	$\mathcal{O}(2; \{6^{34}, 3\})$	14843406974112
6	$\mathcal{O}(1; \{2^{62}\})$	32
6	$\mathcal{O}(1; \{3^3, 2^{58}\})$	72

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{3^6, 2^{54}\})$	792
6	$\mathcal{O}(1; \{3^9, 2^{50}\})$	6120
6	$\mathcal{O}(1; \{3^{12}, 2^{46}\})$	49176
6	$\mathcal{O}(1; \{3^{15}, 2^{42}\})$	393192
6	$\mathcal{O}(1; \{3^{18}, 2^{38}\})$	3145752
6	$\mathcal{O}(1; \{3^{21}, 2^{34}\})$	25165800
6	$\mathcal{O}(1; \{3^{24}, 2^{30}\})$	201326616
6	$\mathcal{O}(1; \{3^{27}, 2^{26}\})$	1610612712
6	$\mathcal{O}(1; \{3^{30}, 2^{22}\})$	12884901912
6	$\mathcal{O}(1; \{3^{33}, 2^{18}\})$	103079215080
6	$\mathcal{O}(1; \{3^{36}, 2^{14}\})$	824633720856
6	$\mathcal{O}(1; \{3^{39}, 2^{10}\})$	6597069766632
6	$\mathcal{O}(1; \{3^{42}, 2^6\})$	52776558133272
6	$\mathcal{O}(1; \{3^{45}, 2^2\})$	422212465065960
6	$\mathcal{O}(1; \{6, 3, 2^{59}\})$	72
6	$\mathcal{O}(1; \{6, 3^4, 2^{55}\})$	360
6	$\mathcal{O}(1; \{6, 3^7, 2^{51}\})$	3096
6	$\mathcal{O}(1; \{6, 3^{10}, 2^{47}\})$	24552
6	$\mathcal{O}(1; \{6, 3^{13}, 2^{43}\})$	196632
6	$\mathcal{O}(1; \{6, 3^{16}, 2^{39}\})$	1572840
6	$\mathcal{O}(1; \{6, 3^{19}, 2^{35}\})$	12582936
6	$\mathcal{O}(1; \{6, 3^{22}, 2^{31}\})$	100663272
6	$\mathcal{O}(1; \{6, 3^{25}, 2^{27}\})$	805306392
6	$\mathcal{O}(1; \{6, 3^{28}, 2^{23}\})$	6442450920
6	$\mathcal{O}(1; \{6, 3^{31}, 2^{19}\})$	51539607576
6	$\mathcal{O}(1; \{6, 3^{34}, 2^{15}\})$	412316860392
6	$\mathcal{O}(1; \{6, 3^{37}, 2^{11}\})$	3298534883352
6	$\mathcal{O}(1; \{6, 3^{40}, 2^7\})$	26388279066600
6	$\mathcal{O}(1; \{6, 3^{43}, 2^3\})$	211106232533016
6	$\mathcal{O}(1; \{6^2, 3^2, 2^{56}\})$	216
6	$\mathcal{O}(1; \{6^2, 3^5, 2^{52}\})$	1512
6	$\mathcal{O}(1; \{6^2, 3^8, 2^{48}\})$	12312
6	$\mathcal{O}(1; \{6^2, 3^{11}, 2^{44}\})$	98280
6	$\mathcal{O}(1; \{6^2, 3^{14}, 2^{40}\})$	786456
6	$\mathcal{O}(1; \{6^2, 3^{17}, 2^{36}\})$	6291432
6	$\mathcal{O}(1; \{6^2, 3^{20}, 2^{32}\})$	50331672
6	$\mathcal{O}(1; \{6^2, 3^{23}, 2^{28}\})$	402653160
6	$\mathcal{O}(1; \{6^2, 3^{26}, 2^{24}\})$	3221225496
6	$\mathcal{O}(1; \{6^2, 3^{29}, 2^{20}\})$	25769803752
6	$\mathcal{O}(1; \{6^2, 3^{32}, 2^{16}\})$	206158430232
6	$\mathcal{O}(1; \{6^2, 3^{35}, 2^{12}\})$	1649267441640
6	$\mathcal{O}(1; \{6^2, 3^{38}, 2^8\})$	13194139533336
6	$\mathcal{O}(1; \{6^2, 3^{41}, 2^4\})$	105553116266472

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^2, 3^{44}\})$	844424930131992
6	$\mathcal{O}(1; \{6^3, 2^{57}\})$	72
6	$\mathcal{O}(1; \{6^3, 3^3, 2^{53}\})$	792
6	$\mathcal{O}(1; \{6^3, 3^6, 2^{49}\})$	6120
6	$\mathcal{O}(1; \{6^3, 3^9, 2^{45}\})$	49176
6	$\mathcal{O}(1; \{6^3, 3^{12}, 2^{41}\})$	393192
6	$\mathcal{O}(1; \{6^3, 3^{15}, 2^{37}\})$	3145752
6	$\mathcal{O}(1; \{6^3, 3^{18}, 2^{33}\})$	25165800
6	$\mathcal{O}(1; \{6^3, 3^{21}, 2^{29}\})$	201326616
6	$\mathcal{O}(1; \{6^3, 3^{24}, 2^{25}\})$	1610612712
6	$\mathcal{O}(1; \{6^3, 3^{27}, 2^{21}\})$	12884901912
6	$\mathcal{O}(1; \{6^3, 3^{30}, 2^{17}\})$	103079215080
6	$\mathcal{O}(1; \{6^3, 3^{33}, 2^{13}\})$	824633720856
6	$\mathcal{O}(1; \{6^3, 3^{36}, 2^9\})$	6597069766632
6	$\mathcal{O}(1; \{6^3, 3^{39}, 2^5\})$	52776558133272
6	$\mathcal{O}(1; \{6^3, 3^{42}, 2\})$	422212465065960
6	$\mathcal{O}(1; \{6^4, 3, 2^{54}\})$	360
6	$\mathcal{O}(1; \{6^4, 3^4, 2^{50}\})$	3096
6	$\mathcal{O}(1; \{6^4, 3^7, 2^{46}\})$	24552
6	$\mathcal{O}(1; \{6^4, 3^{10}, 2^{42}\})$	196632
6	$\mathcal{O}(1; \{6^4, 3^{13}, 2^{38}\})$	1572840
6	$\mathcal{O}(1; \{6^4, 3^{16}, 2^{34}\})$	12582936
6	$\mathcal{O}(1; \{6^4, 3^{19}, 2^{30}\})$	100663272
6	$\mathcal{O}(1; \{6^4, 3^{22}, 2^{26}\})$	805306392
6	$\mathcal{O}(1; \{6^4, 3^{25}, 2^{22}\})$	6442450920
6	$\mathcal{O}(1; \{6^4, 3^{28}, 2^{18}\})$	51539607576
6	$\mathcal{O}(1; \{6^4, 3^{31}, 2^{14}\})$	412316860392
6	$\mathcal{O}(1; \{6^4, 3^{34}, 2^{10}\})$	3298534883352
6	$\mathcal{O}(1; \{6^4, 3^{37}, 2^6\})$	26388279066600
6	$\mathcal{O}(1; \{6^4, 3^{40}, 2^2\})$	211106232533016
6	$\mathcal{O}(1; \{6^5, 3^2, 2^{51}\})$	1512
6	$\mathcal{O}(1; \{6^5, 3^5, 2^{47}\})$	12312
6	$\mathcal{O}(1; \{6^5, 3^8, 2^{43}\})$	98280
6	$\mathcal{O}(1; \{6^5, 3^{11}, 2^{39}\})$	786456
6	$\mathcal{O}(1; \{6^5, 3^{14}, 2^{35}\})$	6291432
6	$\mathcal{O}(1; \{6^5, 3^{17}, 2^{31}\})$	50331672
6	$\mathcal{O}(1; \{6^5, 3^{20}, 2^{27}\})$	402653160
6	$\mathcal{O}(1; \{6^5, 3^{23}, 2^{23}\})$	3221225496
6	$\mathcal{O}(1; \{6^5, 3^{26}, 2^{19}\})$	25769803752
6	$\mathcal{O}(1; \{6^5, 3^{29}, 2^{15}\})$	206158430232
6	$\mathcal{O}(1; \{6^5, 3^{32}, 2^{11}\})$	1649267441640
6	$\mathcal{O}(1; \{6^5, 3^{35}, 2^7\})$	13194139533336
6	$\mathcal{O}(1; \{6^5, 3^{38}, 2^3\})$	105553116266472

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^6, 2^{52}\})$	792
6	$\mathcal{O}(1; \{6^6, 3^3, 2^{48}\})$	6120
6	$\mathcal{O}(1; \{6^6, 3^6, 2^{44}\})$	49176
6	$\mathcal{O}(1; \{6^6, 3^9, 2^{40}\})$	393192
6	$\mathcal{O}(1; \{6^6, 3^{12}, 2^{36}\})$	3145752
6	$\mathcal{O}(1; \{6^6, 3^{15}, 2^{32}\})$	25165800
6	$\mathcal{O}(1; \{6^6, 3^{18}, 2^{28}\})$	201326616
6	$\mathcal{O}(1; \{6^6, 3^{21}, 2^{24}\})$	1610612712
6	$\mathcal{O}(1; \{6^6, 3^{24}, 2^{20}\})$	12884901912
6	$\mathcal{O}(1; \{6^6, 3^{27}, 2^{16}\})$	103079215080
6	$\mathcal{O}(1; \{6^6, 3^{30}, 2^{12}\})$	824633720856
6	$\mathcal{O}(1; \{6^6, 3^{33}, 2^8\})$	6597069766632
6	$\mathcal{O}(1; \{6^6, 3^{36}, 2^4\})$	52776558133272
6	$\mathcal{O}(1; \{6^6, 3^{39}\})$	422212465065960
6	$\mathcal{O}(1; \{6^7, 3, 2^{49}\})$	3096
6	$\mathcal{O}(1; \{6^7, 3^4, 2^{45}\})$	24552
6	$\mathcal{O}(1; \{6^7, 3^7, 2^{41}\})$	196632
6	$\mathcal{O}(1; \{6^7, 3^{10}, 2^{37}\})$	1572840
6	$\mathcal{O}(1; \{6^7, 3^{13}, 2^{33}\})$	12582936
6	$\mathcal{O}(1; \{6^7, 3^{16}, 2^{29}\})$	100663272
6	$\mathcal{O}(1; \{6^7, 3^{19}, 2^{25}\})$	805306392
6	$\mathcal{O}(1; \{6^7, 3^{22}, 2^{21}\})$	6442450920
6	$\mathcal{O}(1; \{6^7, 3^{25}, 2^{17}\})$	51539607576
6	$\mathcal{O}(1; \{6^7, 3^{28}, 2^{13}\})$	412316860392
6	$\mathcal{O}(1; \{6^7, 3^{31}, 2^9\})$	3298534883352
6	$\mathcal{O}(1; \{6^7, 3^{34}, 2^5\})$	26388279066600
6	$\mathcal{O}(1; \{6^7, 3^{37}, 2\})$	211106232533016
6	$\mathcal{O}(1; \{6^8, 3^2, 2^{46}\})$	12312
6	$\mathcal{O}(1; \{6^8, 3^5, 2^{42}\})$	98280
6	$\mathcal{O}(1; \{6^8, 3^8, 2^{38}\})$	786456
6	$\mathcal{O}(1; \{6^8, 3^{11}, 2^{34}\})$	6291432
6	$\mathcal{O}(1; \{6^8, 3^{14}, 2^{30}\})$	50331672
6	$\mathcal{O}(1; \{6^8, 3^{17}, 2^{26}\})$	402653160
6	$\mathcal{O}(1; \{6^8, 3^{20}, 2^{22}\})$	3221225496
6	$\mathcal{O}(1; \{6^8, 3^{23}, 2^{18}\})$	25769803752
6	$\mathcal{O}(1; \{6^8, 3^{26}, 2^{14}\})$	206158430232
6	$\mathcal{O}(1; \{6^8, 3^{29}, 2^{10}\})$	1649267441640
6	$\mathcal{O}(1; \{6^8, 3^{32}, 2^6\})$	13194139533336
6	$\mathcal{O}(1; \{6^8, 3^{35}, 2^2\})$	105553116266472
6	$\mathcal{O}(1; \{6^9, 2^{47}\})$	6120
6	$\mathcal{O}(1; \{6^9, 3^3, 2^{43}\})$	49176
6	$\mathcal{O}(1; \{6^9, 3^6, 2^{39}\})$	393192
6	$\mathcal{O}(1; \{6^9, 3^9, 2^{35}\})$	3145752

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^9, 3^{12}, 2^{31}\})$	25165800
6	$\mathcal{O}(1; \{6^9, 3^{15}, 2^{27}\})$	201326616
6	$\mathcal{O}(1; \{6^9, 3^{18}, 2^{23}\})$	1610612712
6	$\mathcal{O}(1; \{6^9, 3^{21}, 2^{19}\})$	12884901912
6	$\mathcal{O}(1; \{6^9, 3^{24}, 2^{15}\})$	103079215080
6	$\mathcal{O}(1; \{6^9, 3^{27}, 2^{11}\})$	824633720856
6	$\mathcal{O}(1; \{6^9, 3^{30}, 2^7\})$	6597069766632
6	$\mathcal{O}(1; \{6^9, 3^{33}, 2^3\})$	52776558133272
6	$\mathcal{O}(1; \{6^{10}, 3, 2^{44}\})$	24552
6	$\mathcal{O}(1; \{6^{10}, 3^4, 2^{40}\})$	196632
6	$\mathcal{O}(1; \{6^{10}, 3^7, 2^{36}\})$	1572840
6	$\mathcal{O}(1; \{6^{10}, 3^{10}, 2^{32}\})$	12582936
6	$\mathcal{O}(1; \{6^{10}, 3^{13}, 2^{28}\})$	100663272
6	$\mathcal{O}(1; \{6^{10}, 3^{16}, 2^{24}\})$	805306392
6	$\mathcal{O}(1; \{6^{10}, 3^{19}, 2^{20}\})$	6442450920
6	$\mathcal{O}(1; \{6^{10}, 3^{22}, 2^{16}\})$	51539607576
6	$\mathcal{O}(1; \{6^{10}, 3^{25}, 2^{12}\})$	412316860392
6	$\mathcal{O}(1; \{6^{10}, 3^{28}, 2^8\})$	3298534883352
6	$\mathcal{O}(1; \{6^{10}, 3^{31}, 2^4\})$	26388279066600
6	$\mathcal{O}(1; \{6^{10}, 3^{34}\})$	211106232533016
6	$\mathcal{O}(1; \{6^{11}, 3^2, 2^{41}\})$	98280
6	$\mathcal{O}(1; \{6^{11}, 3^5, 2^{37}\})$	786456
6	$\mathcal{O}(1; \{6^{11}, 3^8, 2^{33}\})$	6291432
6	$\mathcal{O}(1; \{6^{11}, 3^{11}, 2^{29}\})$	50331672
6	$\mathcal{O}(1; \{6^{11}, 3^{14}, 2^{25}\})$	402653160
6	$\mathcal{O}(1; \{6^{11}, 3^{17}, 2^{21}\})$	3221225496
6	$\mathcal{O}(1; \{6^{11}, 3^{20}, 2^{17}\})$	25769803752
6	$\mathcal{O}(1; \{6^{11}, 3^{23}, 2^{13}\})$	206158430232
6	$\mathcal{O}(1; \{6^{11}, 3^{26}, 2^9\})$	1649267441640
6	$\mathcal{O}(1; \{6^{11}, 3^{29}, 2^5\})$	13194139533336
6	$\mathcal{O}(1; \{6^{11}, 3^{32}, 2\})$	105553116266472
6	$\mathcal{O}(1; \{6^{12}, 2^{42}\})$	49176
6	$\mathcal{O}(1; \{6^{12}, 3^3, 2^{38}\})$	393192
6	$\mathcal{O}(1; \{6^{12}, 3^6, 2^{34}\})$	3145752
6	$\mathcal{O}(1; \{6^{12}, 3^9, 2^{30}\})$	25165800
6	$\mathcal{O}(1; \{6^{12}, 3^{12}, 2^{26}\})$	201326616
6	$\mathcal{O}(1; \{6^{12}, 3^{15}, 2^{22}\})$	1610612712
6	$\mathcal{O}(1; \{6^{12}, 3^{18}, 2^{18}\})$	12884901912
6	$\mathcal{O}(1; \{6^{12}, 3^{21}, 2^{14}\})$	103079215080
6	$\mathcal{O}(1; \{6^{12}, 3^{24}, 2^{10}\})$	824633720856
6	$\mathcal{O}(1; \{6^{12}, 3^{27}, 2^6\})$	6597069766632
6	$\mathcal{O}(1; \{6^{12}, 3^{30}, 2^2\})$	52776558133272
6	$\mathcal{O}(1; \{6^{13}, 3, 2^{39}\})$	196632

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{13}, 3^4, 2^{35}\})$	1572840
6	$\mathcal{O}(1; \{6^{13}, 3^7, 2^{31}\})$	12582936
6	$\mathcal{O}(1; \{6^{13}, 3^{10}, 2^{27}\})$	100663272
6	$\mathcal{O}(1; \{6^{13}, 3^{13}, 2^{23}\})$	805306392
6	$\mathcal{O}(1; \{6^{13}, 3^{16}, 2^{19}\})$	6442450920
6	$\mathcal{O}(1; \{6^{13}, 3^{19}, 2^{15}\})$	51539607576
6	$\mathcal{O}(1; \{6^{13}, 3^{22}, 2^{11}\})$	412316860392
6	$\mathcal{O}(1; \{6^{13}, 3^{25}, 2^7\})$	3298534883352
6	$\mathcal{O}(1; \{6^{13}, 3^{28}, 2^3\})$	26388279066600
6	$\mathcal{O}(1; \{6^{14}, 3^2, 2^{36}\})$	786456
6	$\mathcal{O}(1; \{6^{14}, 3^5, 2^{32}\})$	6291432
6	$\mathcal{O}(1; \{6^{14}, 3^8, 2^{28}\})$	50331672
6	$\mathcal{O}(1; \{6^{14}, 3^{11}, 2^{24}\})$	402653160
6	$\mathcal{O}(1; \{6^{14}, 3^{14}, 2^{20}\})$	3221225496
6	$\mathcal{O}(1; \{6^{14}, 3^{17}, 2^{16}\})$	25769803752
6	$\mathcal{O}(1; \{6^{14}, 3^{20}, 2^{12}\})$	206158430232
6	$\mathcal{O}(1; \{6^{14}, 3^{23}, 2^8\})$	1649267441640
6	$\mathcal{O}(1; \{6^{14}, 3^{26}, 2^4\})$	13194139533336
6	$\mathcal{O}(1; \{6^{14}, 3^{29}\})$	105553116266472
6	$\mathcal{O}(1; \{6^{15}, 2^{37}\})$	393192
6	$\mathcal{O}(1; \{6^{15}, 3^3, 2^{33}\})$	3145752
6	$\mathcal{O}(1; \{6^{15}, 3^6, 2^{29}\})$	25165800
6	$\mathcal{O}(1; \{6^{15}, 3^9, 2^{25}\})$	201326616
6	$\mathcal{O}(1; \{6^{15}, 3^{12}, 2^{21}\})$	1610612712
6	$\mathcal{O}(1; \{6^{15}, 3^{15}, 2^{17}\})$	12884901912
6	$\mathcal{O}(1; \{6^{15}, 3^{18}, 2^{13}\})$	103079215080
6	$\mathcal{O}(1; \{6^{15}, 3^{21}, 2^9\})$	824633720856
6	$\mathcal{O}(1; \{6^{15}, 3^{24}, 2^5\})$	6597069766632
6	$\mathcal{O}(1; \{6^{15}, 3^{27}, 2\})$	52776558133272
6	$\mathcal{O}(1; \{6^{16}, 3, 2^{34}\})$	1572840
6	$\mathcal{O}(1; \{6^{16}, 3^4, 2^{30}\})$	12582936
6	$\mathcal{O}(1; \{6^{16}, 3^7, 2^{26}\})$	100663272
6	$\mathcal{O}(1; \{6^{16}, 3^{10}, 2^{22}\})$	805306392
6	$\mathcal{O}(1; \{6^{16}, 3^{13}, 2^{18}\})$	6442450920
6	$\mathcal{O}(1; \{6^{16}, 3^{16}, 2^{14}\})$	51539607576
6	$\mathcal{O}(1; \{6^{16}, 3^{19}, 2^{10}\})$	412316860392
6	$\mathcal{O}(1; \{6^{16}, 3^{22}, 2^6\})$	3298534883352
6	$\mathcal{O}(1; \{6^{16}, 3^{25}, 2^2\})$	26388279066600
6	$\mathcal{O}(1; \{6^{17}, 3^2, 2^{31}\})$	6291432
6	$\mathcal{O}(1; \{6^{17}, 3^5, 2^{27}\})$	50331672
6	$\mathcal{O}(1; \{6^{17}, 3^8, 2^{23}\})$	402653160
6	$\mathcal{O}(1; \{6^{17}, 3^{11}, 2^{19}\})$	3221225496
6	$\mathcal{O}(1; \{6^{17}, 3^{14}, 2^{15}\})$	25769803752

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{17}, 3^{17}, 2^{11}\})$	206158430232
6	$\mathcal{O}(1; \{6^{17}, 3^{20}, 2^7\})$	1649267441640
6	$\mathcal{O}(1; \{6^{17}, 3^{23}, 2^3\})$	13194139533336
6	$\mathcal{O}(1; \{6^{18}, 2^{32}\})$	3145752
6	$\mathcal{O}(1; \{6^{18}, 3^3, 2^{28}\})$	25165800
6	$\mathcal{O}(1; \{6^{18}, 3^6, 2^{24}\})$	201326616
6	$\mathcal{O}(1; \{6^{18}, 3^9, 2^{20}\})$	1610612712
6	$\mathcal{O}(1; \{6^{18}, 3^{12}, 2^{16}\})$	12884901912
6	$\mathcal{O}(1; \{6^{18}, 3^{15}, 2^{12}\})$	103079215080
6	$\mathcal{O}(1; \{6^{18}, 3^{18}, 2^8\})$	824633720856
6	$\mathcal{O}(1; \{6^{18}, 3^{21}, 2^4\})$	6597069766632
6	$\mathcal{O}(1; \{6^{18}, 3^{24}\})$	52776558133272
6	$\mathcal{O}(1; \{6^{19}, 3, 2^{29}\})$	12582936
6	$\mathcal{O}(1; \{6^{19}, 3^4, 2^{25}\})$	100663272
6	$\mathcal{O}(1; \{6^{19}, 3^7, 2^{21}\})$	805306392
6	$\mathcal{O}(1; \{6^{19}, 3^{10}, 2^{17}\})$	6442450920
6	$\mathcal{O}(1; \{6^{19}, 3^{13}, 2^{13}\})$	51539607576
6	$\mathcal{O}(1; \{6^{19}, 3^{16}, 2^9\})$	412316860392
6	$\mathcal{O}(1; \{6^{19}, 3^{19}, 2^5\})$	3298534883352
6	$\mathcal{O}(1; \{6^{19}, 3^{22}, 2\})$	26388279066600
6	$\mathcal{O}(1; \{6^{20}, 3^2, 2^{26}\})$	50331672
6	$\mathcal{O}(1; \{6^{20}, 3^5, 2^{22}\})$	402653160
6	$\mathcal{O}(1; \{6^{20}, 3^8, 2^{18}\})$	3221225496
6	$\mathcal{O}(1; \{6^{20}, 3^{11}, 2^{14}\})$	25769803752
6	$\mathcal{O}(1; \{6^{20}, 3^{14}, 2^{10}\})$	206158430232
6	$\mathcal{O}(1; \{6^{20}, 3^{17}, 2^6\})$	1649267441640
6	$\mathcal{O}(1; \{6^{20}, 3^{20}, 2^2\})$	13194139533336
6	$\mathcal{O}(1; \{6^{21}, 2^{27}\})$	25165800
6	$\mathcal{O}(1; \{6^{21}, 3^3, 2^{23}\})$	201326616
6	$\mathcal{O}(1; \{6^{21}, 3^6, 2^{19}\})$	1610612712
6	$\mathcal{O}(1; \{6^{21}, 3^9, 2^{15}\})$	12884901912
6	$\mathcal{O}(1; \{6^{21}, 3^{12}, 2^{11}\})$	103079215080
6	$\mathcal{O}(1; \{6^{21}, 3^{15}, 2^7\})$	824633720856
6	$\mathcal{O}(1; \{6^{21}, 3^{18}, 2^3\})$	6597069766632
6	$\mathcal{O}(1; \{6^{22}, 3, 2^{24}\})$	100663272
6	$\mathcal{O}(1; \{6^{22}, 3^4, 2^{20}\})$	805306392
6	$\mathcal{O}(1; \{6^{22}, 3^7, 2^{16}\})$	6442450920
6	$\mathcal{O}(1; \{6^{22}, 3^{10}, 2^{12}\})$	51539607576
6	$\mathcal{O}(1; \{6^{22}, 3^{13}, 2^8\})$	412316860392
6	$\mathcal{O}(1; \{6^{22}, 3^{16}, 2^4\})$	3298534883352
6	$\mathcal{O}(1; \{6^{22}, 3^{19}\})$	26388279066600
6	$\mathcal{O}(1; \{6^{23}, 3^2, 2^{21}\})$	402653160
6	$\mathcal{O}(1; \{6^{23}, 3^5, 2^{17}\})$	3221225496

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{23}, 3^8, 2^{13}\})$	25769803752
6	$\mathcal{O}(1; \{6^{23}, 3^{11}, 2^9\})$	206158430232
6	$\mathcal{O}(1; \{6^{23}, 3^{14}, 2^5\})$	1649267441640
6	$\mathcal{O}(1; \{6^{23}, 3^{17}, 2\})$	13194139533336
6	$\mathcal{O}(1; \{6^{24}, 2^{22}\})$	201326616
6	$\mathcal{O}(1; \{6^{24}, 3^3, 2^{18}\})$	1610612712
6	$\mathcal{O}(1; \{6^{24}, 3^6, 2^{14}\})$	12884901912
6	$\mathcal{O}(1; \{6^{24}, 3^9, 2^{10}\})$	103079215080
6	$\mathcal{O}(1; \{6^{24}, 3^{12}, 2^6\})$	824633720856
6	$\mathcal{O}(1; \{6^{24}, 3^{15}, 2^2\})$	6597069766632
6	$\mathcal{O}(1; \{6^{25}, 3, 2^{19}\})$	805306392
6	$\mathcal{O}(1; \{6^{25}, 3^4, 2^{15}\})$	6442450920
6	$\mathcal{O}(1; \{6^{25}, 3^7, 2^{11}\})$	51539607576
6	$\mathcal{O}(1; \{6^{25}, 3^{10}, 2^7\})$	412316860392
6	$\mathcal{O}(1; \{6^{25}, 3^{13}, 2^3\})$	3298534883352
6	$\mathcal{O}(1; \{6^{26}, 3^2, 2^{16}\})$	3221225496
6	$\mathcal{O}(1; \{6^{26}, 3^5, 2^{12}\})$	25769803752
6	$\mathcal{O}(1; \{6^{26}, 3^8, 2^8\})$	206158430232
6	$\mathcal{O}(1; \{6^{26}, 3^{11}, 2^4\})$	1649267441640
6	$\mathcal{O}(1; \{6^{26}, 3^{14}\})$	13194139533336
6	$\mathcal{O}(1; \{6^{27}, 2^{17}\})$	1610612712
6	$\mathcal{O}(1; \{6^{27}, 3^3, 2^{13}\})$	12884901912
6	$\mathcal{O}(1; \{6^{27}, 3^6, 2^9\})$	103079215080
6	$\mathcal{O}(1; \{6^{27}, 3^9, 2^5\})$	824633720856
6	$\mathcal{O}(1; \{6^{27}, 3^{12}, 2\})$	6597069766632
6	$\mathcal{O}(1; \{6^{28}, 3, 2^{14}\})$	6442450920
6	$\mathcal{O}(1; \{6^{28}, 3^4, 2^{10}\})$	51539607576
6	$\mathcal{O}(1; \{6^{28}, 3^7, 2^6\})$	412316860392
6	$\mathcal{O}(1; \{6^{28}, 3^{10}, 2^2\})$	3298534883352
6	$\mathcal{O}(1; \{6^{29}, 3^2, 2^{11}\})$	25769803752
6	$\mathcal{O}(1; \{6^{29}, 3^5, 2^7\})$	206158430232
6	$\mathcal{O}(1; \{6^{29}, 3^8, 2^3\})$	1649267441640
6	$\mathcal{O}(1; \{6^{30}, 2^{12}\})$	12884901912
6	$\mathcal{O}(1; \{6^{30}, 3^3, 2^8\})$	103079215080
6	$\mathcal{O}(1; \{6^{30}, 3^6, 2^4\})$	824633720856
6	$\mathcal{O}(1; \{6^{30}, 3^9\})$	6597069766632
6	$\mathcal{O}(1; \{6^{31}, 3, 2^9\})$	51539607576
6	$\mathcal{O}(1; \{6^{31}, 3^4, 2^5\})$	412316860392
6	$\mathcal{O}(1; \{6^{31}, 3^7, 2\})$	3298534883352
6	$\mathcal{O}(1; \{6^{32}, 3^2, 2^6\})$	206158430232
6	$\mathcal{O}(1; \{6^{32}, 3^5, 2^2\})$	1649267441640
6	$\mathcal{O}(1; \{6^{33}, 2^7\})$	103079215080
6	$\mathcal{O}(1; \{6^{33}, 3^3, 2^3\})$	824633720856

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{34}, 3, 2^4\})$	412316860392
6	$\mathcal{O}(1; \{6^{34}, 3^4\})$	3298534883352
6	$\mathcal{O}(1; \{6^{35}, 3^2, 2\})$	1649267441640
6	$\mathcal{O}(1; \{6^{36}, 2^2\})$	824633720856
6	$\mathcal{O}(0; \{3^3, 2^{62}\})$	2
6	$\mathcal{O}(0; \{3^6, 2^{58}\})$	22
6	$\mathcal{O}(0; \{3^9, 2^{54}\})$	170
6	$\mathcal{O}(0; \{3^{12}, 2^{50}\})$	1366
6	$\mathcal{O}(0; \{3^{15}, 2^{46}\})$	10922
6	$\mathcal{O}(0; \{3^{18}, 2^{42}\})$	87382
6	$\mathcal{O}(0; \{3^{21}, 2^{38}\})$	699050
6	$\mathcal{O}(0; \{3^{24}, 2^{34}\})$	5592406
6	$\mathcal{O}(0; \{3^{27}, 2^{30}\})$	44739242
6	$\mathcal{O}(0; \{3^{30}, 2^{26}\})$	357913942
6	$\mathcal{O}(0; \{3^{33}, 2^{22}\})$	2863311530
6	$\mathcal{O}(0; \{3^{36}, 2^{18}\})$	22906492246
6	$\mathcal{O}(0; \{3^{39}, 2^{14}\})$	183251937962
6	$\mathcal{O}(0; \{3^{42}, 2^{10}\})$	1466015503702
6	$\mathcal{O}(0; \{3^{45}, 2^6\})$	11728124029610
6	$\mathcal{O}(0; \{3^{48}, 2^2\})$	93824992236886
6	$\mathcal{O}(0; \{6, 3, 2^{63}\})$	2
6	$\mathcal{O}(0; \{6, 3^4, 2^{59}\})$	10
6	$\mathcal{O}(0; \{6, 3^7, 2^{55}\})$	86
6	$\mathcal{O}(0; \{6, 3^{10}, 2^{51}\})$	682
6	$\mathcal{O}(0; \{6, 3^{13}, 2^{47}\})$	5462
6	$\mathcal{O}(0; \{6, 3^{16}, 2^{43}\})$	43690
6	$\mathcal{O}(0; \{6, 3^{19}, 2^{39}\})$	349526
6	$\mathcal{O}(0; \{6, 3^{22}, 2^{35}\})$	2796202
6	$\mathcal{O}(0; \{6, 3^{25}, 2^{31}\})$	22369622
6	$\mathcal{O}(0; \{6, 3^{28}, 2^{27}\})$	178956970
6	$\mathcal{O}(0; \{6, 3^{31}, 2^{23}\})$	1431655766
6	$\mathcal{O}(0; \{6, 3^{34}, 2^{19}\})$	11453246122
6	$\mathcal{O}(0; \{6, 3^{37}, 2^{15}\})$	91625968982
6	$\mathcal{O}(0; \{6, 3^{40}, 2^{11}\})$	733007751850
6	$\mathcal{O}(0; \{6, 3^{43}, 2^7\})$	5864062014806
6	$\mathcal{O}(0; \{6, 3^{46}, 2^3\})$	46912496118442
6	$\mathcal{O}(0; \{6^2, 3^2, 2^{60}\})$	6
6	$\mathcal{O}(0; \{6^2, 3^5, 2^{56}\})$	42
6	$\mathcal{O}(0; \{6^2, 3^8, 2^{52}\})$	342
6	$\mathcal{O}(0; \{6^2, 3^{11}, 2^{48}\})$	2730
6	$\mathcal{O}(0; \{6^2, 3^{14}, 2^{44}\})$	21846
6	$\mathcal{O}(0; \{6^2, 3^{17}, 2^{40}\})$	174762
6	$\mathcal{O}(0; \{6^2, 3^{20}, 2^{36}\})$	1398102

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^2, 3^{23}, 2^{32}\})$	11184810
6	$\mathcal{O}(0; \{6^2, 3^{26}, 2^{28}\})$	89478486
6	$\mathcal{O}(0; \{6^2, 3^{29}, 2^{24}\})$	715827882
6	$\mathcal{O}(0; \{6^2, 3^{32}, 2^{20}\})$	5726623062
6	$\mathcal{O}(0; \{6^2, 3^{35}, 2^{16}\})$	45812984490
6	$\mathcal{O}(0; \{6^2, 3^{38}, 2^{12}\})$	366503875926
6	$\mathcal{O}(0; \{6^2, 3^{41}, 2^8\})$	2932031007402
6	$\mathcal{O}(0; \{6^2, 3^{44}, 2^4\})$	23456248059222
6	$\mathcal{O}(0; \{6^2, 3^{47}\})$	187649984473770
6	$\mathcal{O}(0; \{6^3, 2^{61}\})$	2
6	$\mathcal{O}(0; \{6^3, 3^3, 2^{57}\})$	22
6	$\mathcal{O}(0; \{6^3, 3^6, 2^{53}\})$	170
6	$\mathcal{O}(0; \{6^3, 3^9, 2^{49}\})$	1366
6	$\mathcal{O}(0; \{6^3, 3^{12}, 2^{45}\})$	10922
6	$\mathcal{O}(0; \{6^3, 3^{15}, 2^{41}\})$	87382
6	$\mathcal{O}(0; \{6^3, 3^{18}, 2^{37}\})$	699050
6	$\mathcal{O}(0; \{6^3, 3^{21}, 2^{33}\})$	5592406
6	$\mathcal{O}(0; \{6^3, 3^{24}, 2^{29}\})$	44739242
6	$\mathcal{O}(0; \{6^3, 3^{27}, 2^{25}\})$	357913942
6	$\mathcal{O}(0; \{6^3, 3^{30}, 2^{21}\})$	2863311530
6	$\mathcal{O}(0; \{6^3, 3^{33}, 2^{17}\})$	22906492246
6	$\mathcal{O}(0; \{6^3, 3^{36}, 2^{13}\})$	183251937962
6	$\mathcal{O}(0; \{6^3, 3^{39}, 2^9\})$	1466015503702
6	$\mathcal{O}(0; \{6^3, 3^{42}, 2^5\})$	11728124029610
6	$\mathcal{O}(0; \{6^3, 3^{45}, 2\})$	93824992236886
6	$\mathcal{O}(0; \{6^4, 3, 2^{58}\})$	10
6	$\mathcal{O}(0; \{6^4, 3^4, 2^{54}\})$	86
6	$\mathcal{O}(0; \{6^4, 3^7, 2^{50}\})$	682
6	$\mathcal{O}(0; \{6^4, 3^{10}, 2^{46}\})$	5462
6	$\mathcal{O}(0; \{6^4, 3^{13}, 2^{42}\})$	43690
6	$\mathcal{O}(0; \{6^4, 3^{16}, 2^{38}\})$	349526
6	$\mathcal{O}(0; \{6^4, 3^{19}, 2^{34}\})$	2796202
6	$\mathcal{O}(0; \{6^4, 3^{22}, 2^{30}\})$	22369622
6	$\mathcal{O}(0; \{6^4, 3^{25}, 2^{26}\})$	178956970
6	$\mathcal{O}(0; \{6^4, 3^{28}, 2^{22}\})$	1431655766
6	$\mathcal{O}(0; \{6^4, 3^{31}, 2^{18}\})$	11453246122
6	$\mathcal{O}(0; \{6^4, 3^{34}, 2^{14}\})$	91625968982
6	$\mathcal{O}(0; \{6^4, 3^{37}, 2^{10}\})$	733007751850
6	$\mathcal{O}(0; \{6^4, 3^{40}, 2^6\})$	5864062014806
6	$\mathcal{O}(0; \{6^4, 3^{43}, 2^2\})$	46912496118442
6	$\mathcal{O}(0; \{6^5, 3^2, 2^{55}\})$	42
6	$\mathcal{O}(0; \{6^5, 3^5, 2^{51}\})$	342
6	$\mathcal{O}(0; \{6^5, 3^8, 2^{47}\})$	2730

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^5, 3^{11}, 2^{43}\})$	21846
6	$\mathcal{O}(0; \{6^5, 3^{14}, 2^{39}\})$	174762
6	$\mathcal{O}(0; \{6^5, 3^{17}, 2^{35}\})$	1398102
6	$\mathcal{O}(0; \{6^5, 3^{20}, 2^{31}\})$	11184810
6	$\mathcal{O}(0; \{6^5, 3^{23}, 2^{27}\})$	89478486
6	$\mathcal{O}(0; \{6^5, 3^{26}, 2^{23}\})$	715827882
6	$\mathcal{O}(0; \{6^5, 3^{29}, 2^{19}\})$	5726623062
6	$\mathcal{O}(0; \{6^5, 3^{32}, 2^{15}\})$	45812984490
6	$\mathcal{O}(0; \{6^5, 3^{35}, 2^{11}\})$	366503875926
6	$\mathcal{O}(0; \{6^5, 3^{38}, 2^7\})$	2932031007402
6	$\mathcal{O}(0; \{6^5, 3^{41}, 2^3\})$	23456248059222
6	$\mathcal{O}(0; \{6^6, 2^{56}\})$	22
6	$\mathcal{O}(0; \{6^6, 3^3, 2^{52}\})$	170
6	$\mathcal{O}(0; \{6^6, 3^6, 2^{48}\})$	1366
6	$\mathcal{O}(0; \{6^6, 3^9, 2^{44}\})$	10922
6	$\mathcal{O}(0; \{6^6, 3^{12}, 2^{40}\})$	87382
6	$\mathcal{O}(0; \{6^6, 3^{15}, 2^{36}\})$	699050
6	$\mathcal{O}(0; \{6^6, 3^{18}, 2^{32}\})$	5592406
6	$\mathcal{O}(0; \{6^6, 3^{21}, 2^{28}\})$	44739242
6	$\mathcal{O}(0; \{6^6, 3^{24}, 2^{24}\})$	357913942
6	$\mathcal{O}(0; \{6^6, 3^{27}, 2^{20}\})$	2863311530
6	$\mathcal{O}(0; \{6^6, 3^{30}, 2^{16}\})$	22906492246
6	$\mathcal{O}(0; \{6^6, 3^{33}, 2^{12}\})$	183251937962
6	$\mathcal{O}(0; \{6^6, 3^{36}, 2^8\})$	1466015503702
6	$\mathcal{O}(0; \{6^6, 3^{39}, 2^4\})$	11728124029610
6	$\mathcal{O}(0; \{6^6, 3^{42}\})$	93824992236886
6	$\mathcal{O}(0; \{6^7, 3, 2^{53}\})$	86
6	$\mathcal{O}(0; \{6^7, 3^4, 2^{49}\})$	682
6	$\mathcal{O}(0; \{6^7, 3^7, 2^{45}\})$	5462
6	$\mathcal{O}(0; \{6^7, 3^{10}, 2^{41}\})$	43690
6	$\mathcal{O}(0; \{6^7, 3^{13}, 2^{37}\})$	349526
6	$\mathcal{O}(0; \{6^7, 3^{16}, 2^{33}\})$	2796202
6	$\mathcal{O}(0; \{6^7, 3^{19}, 2^{29}\})$	22369622
6	$\mathcal{O}(0; \{6^7, 3^{22}, 2^{25}\})$	178956970
6	$\mathcal{O}(0; \{6^7, 3^{25}, 2^{21}\})$	1431655766
6	$\mathcal{O}(0; \{6^7, 3^{28}, 2^{17}\})$	11453246122
6	$\mathcal{O}(0; \{6^7, 3^{31}, 2^{13}\})$	91625968982
6	$\mathcal{O}(0; \{6^7, 3^{34}, 2^9\})$	733007751850
6	$\mathcal{O}(0; \{6^7, 3^{37}, 2^5\})$	5864062014806
6	$\mathcal{O}(0; \{6^7, 3^{40}, 2\})$	46912496118442
6	$\mathcal{O}(0; \{6^8, 3^2, 2^{50}\})$	342
6	$\mathcal{O}(0; \{6^8, 3^5, 2^{46}\})$	2730
6	$\mathcal{O}(0; \{6^8, 3^8, 2^{42}\})$	21846

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^8, 3^{11}, 2^{38}\})$	174762
6	$\mathcal{O}(0; \{6^8, 3^{14}, 2^{34}\})$	1398102
6	$\mathcal{O}(0; \{6^8, 3^{17}, 2^{30}\})$	11184810
6	$\mathcal{O}(0; \{6^8, 3^{20}, 2^{26}\})$	89478486
6	$\mathcal{O}(0; \{6^8, 3^{23}, 2^{22}\})$	715827882
6	$\mathcal{O}(0; \{6^8, 3^{26}, 2^{18}\})$	5726623062
6	$\mathcal{O}(0; \{6^8, 3^{29}, 2^{14}\})$	45812984490
6	$\mathcal{O}(0; \{6^8, 3^{32}, 2^{10}\})$	366503875926
6	$\mathcal{O}(0; \{6^8, 3^{35}, 2^6\})$	2932031007402
6	$\mathcal{O}(0; \{6^8, 3^{38}, 2^2\})$	23456248059222
6	$\mathcal{O}(0; \{6^9, 2^{51}\})$	170
6	$\mathcal{O}(0; \{6^9, 3^3, 2^{47}\})$	1366
6	$\mathcal{O}(0; \{6^9, 3^6, 2^{43}\})$	10922
6	$\mathcal{O}(0; \{6^9, 3^9, 2^{39}\})$	87382
6	$\mathcal{O}(0; \{6^9, 3^{12}, 2^{35}\})$	699050
6	$\mathcal{O}(0; \{6^9, 3^{15}, 2^{31}\})$	5592406
6	$\mathcal{O}(0; \{6^9, 3^{18}, 2^{27}\})$	44739242
6	$\mathcal{O}(0; \{6^9, 3^{21}, 2^{23}\})$	357913942
6	$\mathcal{O}(0; \{6^9, 3^{24}, 2^{19}\})$	2863311530
6	$\mathcal{O}(0; \{6^9, 3^{27}, 2^{15}\})$	22906492246
6	$\mathcal{O}(0; \{6^9, 3^{30}, 2^{11}\})$	183251937962
6	$\mathcal{O}(0; \{6^9, 3^{33}, 2^7\})$	1466015503702
6	$\mathcal{O}(0; \{6^9, 3^{36}, 2^3\})$	11728124029610
6	$\mathcal{O}(0; \{6^{10}, 3, 2^{48}\})$	682
6	$\mathcal{O}(0; \{6^{10}, 3^4, 2^{44}\})$	5462
6	$\mathcal{O}(0; \{6^{10}, 3^7, 2^{40}\})$	43690
6	$\mathcal{O}(0; \{6^{10}, 3^{10}, 2^{36}\})$	349526
6	$\mathcal{O}(0; \{6^{10}, 3^{13}, 2^{32}\})$	2796202
6	$\mathcal{O}(0; \{6^{10}, 3^{16}, 2^{28}\})$	22369622
6	$\mathcal{O}(0; \{6^{10}, 3^{19}, 2^{24}\})$	178956970
6	$\mathcal{O}(0; \{6^{10}, 3^{22}, 2^{20}\})$	1431655766
6	$\mathcal{O}(0; \{6^{10}, 3^{25}, 2^{16}\})$	11453246122
6	$\mathcal{O}(0; \{6^{10}, 3^{28}, 2^{12}\})$	91625968982
6	$\mathcal{O}(0; \{6^{10}, 3^{31}, 2^8\})$	733007751850
6	$\mathcal{O}(0; \{6^{10}, 3^{34}, 2^4\})$	5864062014806
6	$\mathcal{O}(0; \{6^{10}, 3^{37}\})$	46912496118442
6	$\mathcal{O}(0; \{6^{11}, 3^2, 2^{45}\})$	2730
6	$\mathcal{O}(0; \{6^{11}, 3^5, 2^{41}\})$	21846
6	$\mathcal{O}(0; \{6^{11}, 3^8, 2^{37}\})$	174762
6	$\mathcal{O}(0; \{6^{11}, 3^{11}, 2^{33}\})$	1398102
6	$\mathcal{O}(0; \{6^{11}, 3^{14}, 2^{29}\})$	11184810
6	$\mathcal{O}(0; \{6^{11}, 3^{17}, 2^{25}\})$	89478486
6	$\mathcal{O}(0; \{6^{11}, 3^{20}, 2^{21}\})$	715827882

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{11}, 3^{23}, 2^{17}\})$	5726623062
6	$\mathcal{O}(0; \{6^{11}, 3^{26}, 2^{13}\})$	45812984490
6	$\mathcal{O}(0; \{6^{11}, 3^{29}, 2^9\})$	366503875926
6	$\mathcal{O}(0; \{6^{11}, 3^{32}, 2^5\})$	2932031007402
6	$\mathcal{O}(0; \{6^{11}, 3^{35}, 2\})$	23456248059222
6	$\mathcal{O}(0; \{6^{12}, 2^{46}\})$	1366
6	$\mathcal{O}(0; \{6^{12}, 3^3, 2^{42}\})$	10922
6	$\mathcal{O}(0; \{6^{12}, 3^6, 2^{38}\})$	87382
6	$\mathcal{O}(0; \{6^{12}, 3^9, 2^{34}\})$	699050
6	$\mathcal{O}(0; \{6^{12}, 3^{12}, 2^{30}\})$	5592406
6	$\mathcal{O}(0; \{6^{12}, 3^{15}, 2^{26}\})$	44739242
6	$\mathcal{O}(0; \{6^{12}, 3^{18}, 2^{22}\})$	357913942
6	$\mathcal{O}(0; \{6^{12}, 3^{21}, 2^{18}\})$	2863311530
6	$\mathcal{O}(0; \{6^{12}, 3^{24}, 2^{14}\})$	22906492246
6	$\mathcal{O}(0; \{6^{12}, 3^{27}, 2^{10}\})$	183251937962
6	$\mathcal{O}(0; \{6^{12}, 3^{30}, 2^6\})$	1466015503702
6	$\mathcal{O}(0; \{6^{12}, 3^{33}, 2^2\})$	11728124029610
6	$\mathcal{O}(0; \{6^{13}, 3, 2^{43}\})$	5462
6	$\mathcal{O}(0; \{6^{13}, 3^4, 2^{39}\})$	43690
6	$\mathcal{O}(0; \{6^{13}, 3^7, 2^{35}\})$	349526
6	$\mathcal{O}(0; \{6^{13}, 3^{10}, 2^{31}\})$	2796202
6	$\mathcal{O}(0; \{6^{13}, 3^{13}, 2^{27}\})$	22369622
6	$\mathcal{O}(0; \{6^{13}, 3^{16}, 2^{23}\})$	178956970
6	$\mathcal{O}(0; \{6^{13}, 3^{19}, 2^{19}\})$	1431655766
6	$\mathcal{O}(0; \{6^{13}, 3^{22}, 2^{15}\})$	11453246122
6	$\mathcal{O}(0; \{6^{13}, 3^{25}, 2^{11}\})$	91625968982
6	$\mathcal{O}(0; \{6^{13}, 3^{28}, 2^7\})$	733007751850
6	$\mathcal{O}(0; \{6^{13}, 3^{31}, 2^3\})$	5864062014806
6	$\mathcal{O}(0; \{6^{14}, 3^2, 2^{40}\})$	21846
6	$\mathcal{O}(0; \{6^{14}, 3^5, 2^{36}\})$	174762
6	$\mathcal{O}(0; \{6^{14}, 3^8, 2^{32}\})$	1398102
6	$\mathcal{O}(0; \{6^{14}, 3^{11}, 2^{28}\})$	11184810
6	$\mathcal{O}(0; \{6^{14}, 3^{14}, 2^{24}\})$	89478486
6	$\mathcal{O}(0; \{6^{14}, 3^{17}, 2^{20}\})$	715827882
6	$\mathcal{O}(0; \{6^{14}, 3^{20}, 2^{16}\})$	5726623062
6	$\mathcal{O}(0; \{6^{14}, 3^{23}, 2^{12}\})$	45812984490
6	$\mathcal{O}(0; \{6^{14}, 3^{26}, 2^8\})$	366503875926
6	$\mathcal{O}(0; \{6^{14}, 3^{29}, 2^4\})$	2932031007402
6	$\mathcal{O}(0; \{6^{14}, 3^{32}\})$	23456248059222
6	$\mathcal{O}(0; \{6^{15}, 2^{41}\})$	10922
6	$\mathcal{O}(0; \{6^{15}, 3^3, 2^{37}\})$	87382
6	$\mathcal{O}(0; \{6^{15}, 3^6, 2^{33}\})$	699050
6	$\mathcal{O}(0; \{6^{15}, 3^9, 2^{29}\})$	5592406

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{15}, 3^{12}, 2^{25}\})$	44739242
6	$\mathcal{O}(0; \{6^{15}, 3^{15}, 2^{21}\})$	357913942
6	$\mathcal{O}(0; \{6^{15}, 3^{18}, 2^{17}\})$	2863311530
6	$\mathcal{O}(0; \{6^{15}, 3^{21}, 2^{13}\})$	22906492246
6	$\mathcal{O}(0; \{6^{15}, 3^{24}, 2^9\})$	183251937962
6	$\mathcal{O}(0; \{6^{15}, 3^{27}, 2^5\})$	1466015503702
6	$\mathcal{O}(0; \{6^{15}, 3^{30}, 2\})$	11728124029610
6	$\mathcal{O}(0; \{6^{16}, 3, 2^{38}\})$	43690
6	$\mathcal{O}(0; \{6^{16}, 3^4, 2^{34}\})$	349526
6	$\mathcal{O}(0; \{6^{16}, 3^7, 2^{30}\})$	2796202
6	$\mathcal{O}(0; \{6^{16}, 3^{10}, 2^{26}\})$	22369622
6	$\mathcal{O}(0; \{6^{16}, 3^{13}, 2^{22}\})$	178956970
6	$\mathcal{O}(0; \{6^{16}, 3^{16}, 2^{18}\})$	1431655766
6	$\mathcal{O}(0; \{6^{16}, 3^{19}, 2^{14}\})$	11453246122
6	$\mathcal{O}(0; \{6^{16}, 3^{22}, 2^{10}\})$	91625968982
6	$\mathcal{O}(0; \{6^{16}, 3^{25}, 2^6\})$	733007751850
6	$\mathcal{O}(0; \{6^{16}, 3^{28}, 2^2\})$	5864062014806
6	$\mathcal{O}(0; \{6^{17}, 3^2, 2^{35}\})$	174762
6	$\mathcal{O}(0; \{6^{17}, 3^5, 2^{31}\})$	1398102
6	$\mathcal{O}(0; \{6^{17}, 3^8, 2^{27}\})$	11184810
6	$\mathcal{O}(0; \{6^{17}, 3^{11}, 2^{23}\})$	89478486
6	$\mathcal{O}(0; \{6^{17}, 3^{14}, 2^{19}\})$	715827882
6	$\mathcal{O}(0; \{6^{17}, 3^{17}, 2^{15}\})$	5726623062
6	$\mathcal{O}(0; \{6^{17}, 3^{20}, 2^{11}\})$	45812984490
6	$\mathcal{O}(0; \{6^{17}, 3^{23}, 2^7\})$	366503875926
6	$\mathcal{O}(0; \{6^{17}, 3^{26}, 2^3\})$	2932031007402
6	$\mathcal{O}(0; \{6^{18}, 2^{36}\})$	87382
6	$\mathcal{O}(0; \{6^{18}, 3^3, 2^{32}\})$	699050
6	$\mathcal{O}(0; \{6^{18}, 3^6, 2^{28}\})$	5592406
6	$\mathcal{O}(0; \{6^{18}, 3^9, 2^{24}\})$	44739242
6	$\mathcal{O}(0; \{6^{18}, 3^{12}, 2^{20}\})$	357913942
6	$\mathcal{O}(0; \{6^{18}, 3^{15}, 2^{16}\})$	2863311530
6	$\mathcal{O}(0; \{6^{18}, 3^{18}, 2^{12}\})$	22906492246
6	$\mathcal{O}(0; \{6^{18}, 3^{21}, 2^8\})$	183251937962
6	$\mathcal{O}(0; \{6^{18}, 3^{24}, 2^4\})$	1466015503702
6	$\mathcal{O}(0; \{6^{18}, 3^{27}\})$	11728124029610
6	$\mathcal{O}(0; \{6^{19}, 3, 2^{33}\})$	349526
6	$\mathcal{O}(0; \{6^{19}, 3^4, 2^{29}\})$	2796202
6	$\mathcal{O}(0; \{6^{19}, 3^7, 2^{25}\})$	22369622
6	$\mathcal{O}(0; \{6^{19}, 3^{10}, 2^{21}\})$	178956970
6	$\mathcal{O}(0; \{6^{19}, 3^{13}, 2^{17}\})$	1431655766
6	$\mathcal{O}(0; \{6^{19}, 3^{16}, 2^{13}\})$	11453246122
6	$\mathcal{O}(0; \{6^{19}, 3^{19}, 2^9\})$	91625968982

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{19}, 3^{22}, 2^5\})$	733007751850
6	$\mathcal{O}(0; \{6^{19}, 3^{25}, 2\})$	5864062014806
6	$\mathcal{O}(0; \{6^{20}, 3^2, 2^{30}\})$	1398102
6	$\mathcal{O}(0; \{6^{20}, 3^5, 2^{26}\})$	11184810
6	$\mathcal{O}(0; \{6^{20}, 3^8, 2^{22}\})$	89478486
6	$\mathcal{O}(0; \{6^{20}, 3^{11}, 2^{18}\})$	715827882
6	$\mathcal{O}(0; \{6^{20}, 3^{14}, 2^{14}\})$	5726623062
6	$\mathcal{O}(0; \{6^{20}, 3^{17}, 2^{10}\})$	45812984490
6	$\mathcal{O}(0; \{6^{20}, 3^{20}, 2^6\})$	366503875926
6	$\mathcal{O}(0; \{6^{20}, 3^{23}, 2^2\})$	2932031007402
6	$\mathcal{O}(0; \{6^{21}, 2^{31}\})$	699050
6	$\mathcal{O}(0; \{6^{21}, 3^3, 2^{27}\})$	5592406
6	$\mathcal{O}(0; \{6^{21}, 3^6, 2^{23}\})$	44739242
6	$\mathcal{O}(0; \{6^{21}, 3^9, 2^{19}\})$	357913942
6	$\mathcal{O}(0; \{6^{21}, 3^{12}, 2^{15}\})$	2863311530
6	$\mathcal{O}(0; \{6^{21}, 3^{15}, 2^{11}\})$	22906492246
6	$\mathcal{O}(0; \{6^{21}, 3^{18}, 2^7\})$	183251937962
6	$\mathcal{O}(0; \{6^{21}, 3^{21}, 2^3\})$	1466015503702
6	$\mathcal{O}(0; \{6^{22}, 3, 2^{28}\})$	2796202
6	$\mathcal{O}(0; \{6^{22}, 3^4, 2^{24}\})$	22369622
6	$\mathcal{O}(0; \{6^{22}, 3^7, 2^{20}\})$	178956970
6	$\mathcal{O}(0; \{6^{22}, 3^{10}, 2^{16}\})$	1431655766
6	$\mathcal{O}(0; \{6^{22}, 3^{13}, 2^{12}\})$	11453246122
6	$\mathcal{O}(0; \{6^{22}, 3^{16}, 2^8\})$	91625968982
6	$\mathcal{O}(0; \{6^{22}, 3^{19}, 2^4\})$	733007751850
6	$\mathcal{O}(0; \{6^{22}, 3^{22}\})$	5864062014806
6	$\mathcal{O}(0; \{6^{23}, 3^2, 2^{25}\})$	11184810
6	$\mathcal{O}(0; \{6^{23}, 3^5, 2^{21}\})$	89478486
6	$\mathcal{O}(0; \{6^{23}, 3^8, 2^{17}\})$	715827882
6	$\mathcal{O}(0; \{6^{23}, 3^{11}, 2^{13}\})$	5726623062
6	$\mathcal{O}(0; \{6^{23}, 3^{14}, 2^9\})$	45812984490
6	$\mathcal{O}(0; \{6^{23}, 3^{17}, 2^5\})$	366503875926
6	$\mathcal{O}(0; \{6^{23}, 3^{20}, 2\})$	2932031007402
6	$\mathcal{O}(0; \{6^{24}, 2^{26}\})$	5592406
6	$\mathcal{O}(0; \{6^{24}, 3^3, 2^{22}\})$	44739242
6	$\mathcal{O}(0; \{6^{24}, 3^6, 2^{18}\})$	357913942
6	$\mathcal{O}(0; \{6^{24}, 3^9, 2^{14}\})$	2863311530
6	$\mathcal{O}(0; \{6^{24}, 3^{12}, 2^{10}\})$	22906492246
6	$\mathcal{O}(0; \{6^{24}, 3^{15}, 2^6\})$	183251937962
6	$\mathcal{O}(0; \{6^{24}, 3^{18}, 2^2\})$	1466015503702
6	$\mathcal{O}(0; \{6^{25}, 3, 2^{23}\})$	22369622
6	$\mathcal{O}(0; \{6^{25}, 3^4, 2^{19}\})$	178956970
6	$\mathcal{O}(0; \{6^{25}, 3^7, 2^{15}\})$	1431655766

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{25}, 3^{10}, 2^{11}\})$	11453246122
6	$\mathcal{O}(0; \{6^{25}, 3^{13}, 2^7\})$	91625968982
6	$\mathcal{O}(0; \{6^{25}, 3^{16}, 2^3\})$	733007751850
6	$\mathcal{O}(0; \{6^{26}, 3^2, 2^{20}\})$	89478486
6	$\mathcal{O}(0; \{6^{26}, 3^5, 2^{16}\})$	715827882
6	$\mathcal{O}(0; \{6^{26}, 3^8, 2^{12}\})$	5726623062
6	$\mathcal{O}(0; \{6^{26}, 3^{11}, 2^8\})$	45812984490
6	$\mathcal{O}(0; \{6^{26}, 3^{14}, 2^4\})$	366503875926
6	$\mathcal{O}(0; \{6^{26}, 3^{17}\})$	2932031007402
6	$\mathcal{O}(0; \{6^{27}, 2^{21}\})$	44739242
6	$\mathcal{O}(0; \{6^{27}, 3^3, 2^{17}\})$	357913942
6	$\mathcal{O}(0; \{6^{27}, 3^6, 2^{13}\})$	2863311530
6	$\mathcal{O}(0; \{6^{27}, 3^9, 2^9\})$	22906492246
6	$\mathcal{O}(0; \{6^{27}, 3^{12}, 2^5\})$	183251937962
6	$\mathcal{O}(0; \{6^{27}, 3^{15}, 2\})$	1466015503702
6	$\mathcal{O}(0; \{6^{28}, 3, 2^{18}\})$	178956970
6	$\mathcal{O}(0; \{6^{28}, 3^4, 2^{14}\})$	1431655766
6	$\mathcal{O}(0; \{6^{28}, 3^7, 2^{10}\})$	11453246122
6	$\mathcal{O}(0; \{6^{28}, 3^{10}, 2^6\})$	91625968982
6	$\mathcal{O}(0; \{6^{28}, 3^{13}, 2^2\})$	733007751850
6	$\mathcal{O}(0; \{6^{29}, 3^2, 2^{15}\})$	715827882
6	$\mathcal{O}(0; \{6^{29}, 3^5, 2^{11}\})$	5726623062
6	$\mathcal{O}(0; \{6^{29}, 3^8, 2^7\})$	45812984490
6	$\mathcal{O}(0; \{6^{29}, 3^{11}, 2^3\})$	366503875926
6	$\mathcal{O}(0; \{6^{30}, 2^{16}\})$	357913942
6	$\mathcal{O}(0; \{6^{30}, 3^3, 2^{12}\})$	2863311530
6	$\mathcal{O}(0; \{6^{30}, 3^6, 2^8\})$	22906492246
6	$\mathcal{O}(0; \{6^{30}, 3^9, 2^4\})$	183251937962
6	$\mathcal{O}(0; \{6^{30}, 3^{12}\})$	1466015503702
6	$\mathcal{O}(0; \{6^{31}, 3, 2^{13}\})$	1431655766
6	$\mathcal{O}(0; \{6^{31}, 3^4, 2^9\})$	11453246122
6	$\mathcal{O}(0; \{6^{31}, 3^7, 2^5\})$	91625968982
6	$\mathcal{O}(0; \{6^{31}, 3^{10}, 2\})$	733007751850
6	$\mathcal{O}(0; \{6^{32}, 3^2, 2^{10}\})$	5726623062
6	$\mathcal{O}(0; \{6^{32}, 3^5, 2^6\})$	45812984490
6	$\mathcal{O}(0; \{6^{32}, 3^8, 2^2\})$	366503875926
6	$\mathcal{O}(0; \{6^{33}, 2^{11}\})$	2863311530
6	$\mathcal{O}(0; \{6^{33}, 3^3, 2^7\})$	22906492246
6	$\mathcal{O}(0; \{6^{33}, 3^6, 2^3\})$	183251937962
6	$\mathcal{O}(0; \{6^{34}, 3, 2^8\})$	11453246122
6	$\mathcal{O}(0; \{6^{34}, 3^4, 2^4\})$	91625968982
6	$\mathcal{O}(0; \{6^{34}, 3^7\})$	733007751850
6	$\mathcal{O}(0; \{6^{35}, 3^2, 2^5\})$	45812984490

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{35}, 3^5, 2\})$	366503875926
6	$\mathcal{O}(0; \{6^{36}, 2^6\})$	22906492246
6	$\mathcal{O}(0; \{6^{36}, 3^3, 2^2\})$	183251937962
6	$\mathcal{O}(0; \{6^{37}, 3, 2^3\})$	91625968982
6	$\mathcal{O}(0; \{6^{38}, 3^2\})$	366503875926
6	$\mathcal{O}(0; \{6^{39}, 2\})$	183251937962
7	$\mathcal{O}(13; \{7^3\})$	281624410129432629169470
7	$\mathcal{O}(10; \{7^{10}\})$	689247670877696202550026
7	$\mathcal{O}(7; \{7^{17}\})$	1640007283096189811305110
7	$\mathcal{O}(4; \{7^{24}\})$	3902260782505399348323786
7	$\mathcal{O}(1; \{7^{31}\})$	9285104628270801031790550
8	$\mathcal{O}(11; \{8^2, 2^3\})$	295147905179352825856
8	$\mathcal{O}(11; \{8^2, 4^2\})$	1180591620717411303424
8	$\mathcal{O}(10; \{8^2, 2^7\})$	4611686018427387904
8	$\mathcal{O}(10; \{8^2, 4^2, 2^4\})$	18446744073709551616
8	$\mathcal{O}(10; \{8^2, 4^4, 2\})$	73786976294838206464
8	$\mathcal{O}(10; \{8^4, 4, 2^2\})$	147573952589676412928
8	$\mathcal{O}(10; \{8^6\})$	1180591620717411303424
8	$\mathcal{O}(9; \{8^2, 2^{11}\})$	72057594037927936
8	$\mathcal{O}(9; \{8^2, 4^2, 2^8\})$	288230376151711744
8	$\mathcal{O}(9; \{8^2, 4^4, 2^5\})$	1152921504606846976
8	$\mathcal{O}(9; \{8^2, 4^6, 2^2\})$	4611686018427387904
8	$\mathcal{O}(9; \{8^4, 4, 2^6\})$	2305843009213693952
8	$\mathcal{O}(9; \{8^4, 4^3, 2^3\})$	9223372036854775808
8	$\mathcal{O}(9; \{8^4, 4^5\})$	36893488147419103232
8	$\mathcal{O}(9; \{8^6, 2^4\})$	18446744073709551616
8	$\mathcal{O}(9; \{8^6, 4^2, 2\})$	73786976294838206464
8	$\mathcal{O}(8; \{8^2, 2^{15}\})$	1125899906842624
8	$\mathcal{O}(8; \{8^2, 4^2, 2^{12}\})$	4503599627370496
8	$\mathcal{O}(8; \{8^2, 4^4, 2^9\})$	18014398509481984
8	$\mathcal{O}(8; \{8^2, 4^6, 2^6\})$	72057594037927936
8	$\mathcal{O}(8; \{8^2, 4^8, 2^3\})$	288230376151711744
8	$\mathcal{O}(8; \{8^2, 4^{10}\})$	1152921504606846976
8	$\mathcal{O}(8; \{8^4, 4, 2^{10}\})$	36028797018963968
8	$\mathcal{O}(8; \{8^4, 4^3, 2^7\})$	144115188075855872
8	$\mathcal{O}(8; \{8^4, 4^5, 2^4\})$	576460752303423488
8	$\mathcal{O}(8; \{8^4, 4^7, 2\})$	2305843009213693952
8	$\mathcal{O}(8; \{8^6, 2^8\})$	288230376151711744
8	$\mathcal{O}(8; \{8^6, 4^2, 2^5\})$	1152921504606846976
8	$\mathcal{O}(8; \{8^6, 4^4, 2^2\})$	4611686018427387904
8	$\mathcal{O}(8; \{8^8, 4, 2^3\})$	9223372036854775808
8	$\mathcal{O}(8; \{8^8, 4^3\})$	36893488147419103232
8	$\mathcal{O}(8; \{8^{10}, 2\})$	73786976294838206464

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(7; \{8^2, 2^{19}\})$	17592186044416
8	$\mathcal{O}(7; \{8^2, 4^2, 2^{16}\})$	70368744177664
8	$\mathcal{O}(7; \{8^2, 4^4, 2^{13}\})$	281474976710656
8	$\mathcal{O}(7; \{8^2, 4^6, 2^{10}\})$	112589906842624
8	$\mathcal{O}(7; \{8^2, 4^8, 2^7\})$	4503599627370496
8	$\mathcal{O}(7; \{8^2, 4^{10}, 2^4\})$	18014398509481984
8	$\mathcal{O}(7; \{8^2, 4^{12}, 2\})$	72057594037927936
8	$\mathcal{O}(7; \{8^4, 4, 2^{14}\})$	562949953421312
8	$\mathcal{O}(7; \{8^4, 4^3, 2^{11}\})$	2251799813685248
8	$\mathcal{O}(7; \{8^4, 4^5, 2^8\})$	9007199254740992
8	$\mathcal{O}(7; \{8^4, 4^7, 2^5\})$	36028797018963968
8	$\mathcal{O}(7; \{8^4, 4^9, 2^2\})$	144115188075855872
8	$\mathcal{O}(7; \{8^6, 2^{12}\})$	4503599627370496
8	$\mathcal{O}(7; \{8^6, 4^2, 2^9\})$	18014398509481984
8	$\mathcal{O}(7; \{8^6, 4^4, 2^6\})$	72057594037927936
8	$\mathcal{O}(7; \{8^6, 4^6, 2^3\})$	288230376151711744
8	$\mathcal{O}(7; \{8^6, 4^8\})$	1152921504606846976
8	$\mathcal{O}(7; \{8^8, 4, 2^7\})$	144115188075855872
8	$\mathcal{O}(7; \{8^8, 4^3, 2^4\})$	576460752303423488
8	$\mathcal{O}(7; \{8^8, 4^5, 2\})$	2305843009213693952
8	$\mathcal{O}(7; \{8^{10}, 2^5\})$	1152921504606846976
8	$\mathcal{O}(7; \{8^{10}, 4^2, 2^2\})$	4611686018427387904
8	$\mathcal{O}(7; \{8^{12}, 4\})$	36893488147419103232
8	$\mathcal{O}(6; \{8^2, 2^{23}\})$	274877906944
8	$\mathcal{O}(6; \{8^2, 4^2, 2^{20}\})$	1099511627776
8	$\mathcal{O}(6; \{8^2, 4^4, 2^{17}\})$	4398046511104
8	$\mathcal{O}(6; \{8^2, 4^6, 2^{14}\})$	17592186044416
8	$\mathcal{O}(6; \{8^2, 4^8, 2^{11}\})$	70368744177664
8	$\mathcal{O}(6; \{8^2, 4^{10}, 2^8\})$	281474976710656
8	$\mathcal{O}(6; \{8^2, 4^{12}, 2^5\})$	112589906842624
8	$\mathcal{O}(6; \{8^2, 4^{14}, 2^2\})$	4503599627370496
8	$\mathcal{O}(6; \{8^4, 4, 2^{18}\})$	8796093022208
8	$\mathcal{O}(6; \{8^4, 4^3, 2^{15}\})$	35184372088832
8	$\mathcal{O}(6; \{8^4, 4^5, 2^{12}\})$	140737488355328
8	$\mathcal{O}(6; \{8^4, 4^7, 2^9\})$	562949953421312
8	$\mathcal{O}(6; \{8^4, 4^9, 2^6\})$	2251799813685248
8	$\mathcal{O}(6; \{8^4, 4^{11}, 2^3\})$	9007199254740992
8	$\mathcal{O}(6; \{8^4, 4^{13}\})$	36028797018963968
8	$\mathcal{O}(6; \{8^6, 2^{16}\})$	70368744177664
8	$\mathcal{O}(6; \{8^6, 4^2, 2^{13}\})$	281474976710656
8	$\mathcal{O}(6; \{8^6, 4^4, 2^{10}\})$	112589906842624
8	$\mathcal{O}(6; \{8^6, 4^6, 2^7\})$	4503599627370496
8	$\mathcal{O}(6; \{8^6, 4^8, 2^4\})$	18014398509481984

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(6; \{8^6, 4^{10}, 2\})$	72057594037927936
8	$\mathcal{O}(6; \{8^8, 4, 2^{11}\})$	2251799813685248
8	$\mathcal{O}(6; \{8^8, 4^3, 2^8\})$	9007199254740992
8	$\mathcal{O}(6; \{8^8, 4^5, 2^5\})$	36028797018963968
8	$\mathcal{O}(6; \{8^8, 4^7, 2^2\})$	144115188075855872
8	$\mathcal{O}(6; \{8^{10}, 2^9\})$	18014398509481984
8	$\mathcal{O}(6; \{8^{10}, 4^2, 2^6\})$	72057594037927936
8	$\mathcal{O}(6; \{8^{10}, 4^4, 2^3\})$	288230376151711744
8	$\mathcal{O}(6; \{8^{10}, 4^6\})$	1152921504606846976
8	$\mathcal{O}(6; \{8^{12}, 4, 2^4\})$	576460752303423488
8	$\mathcal{O}(6; \{8^{12}, 4^3, 2\})$	2305843009213693952
8	$\mathcal{O}(6; \{8^{14}, 2^2\})$	4611686018427387904
8	$\mathcal{O}(5; \{8^2, 2^{27}\})$	4294967296
8	$\mathcal{O}(5; \{8^2, 4^2, 2^{24}\})$	17179869184
8	$\mathcal{O}(5; \{8^2, 4^4, 2^{21}\})$	68719476736
8	$\mathcal{O}(5; \{8^2, 4^6, 2^{18}\})$	274877906944
8	$\mathcal{O}(5; \{8^2, 4^8, 2^{15}\})$	1099511627776
8	$\mathcal{O}(5; \{8^2, 4^{10}, 2^{12}\})$	4398046511104
8	$\mathcal{O}(5; \{8^2, 4^{12}, 2^9\})$	17592186044416
8	$\mathcal{O}(5; \{8^2, 4^{14}, 2^6\})$	70368744177664
8	$\mathcal{O}(5; \{8^2, 4^{16}, 2^3\})$	281474976710656
8	$\mathcal{O}(5; \{8^2, 4^{18}\})$	1125899906842624
8	$\mathcal{O}(5; \{8^4, 4, 2^{22}\})$	137438953472
8	$\mathcal{O}(5; \{8^4, 4^3, 2^{19}\})$	549755813888
8	$\mathcal{O}(5; \{8^4, 4^5, 2^{16}\})$	2199023255552
8	$\mathcal{O}(5; \{8^4, 4^7, 2^{13}\})$	8796093022208
8	$\mathcal{O}(5; \{8^4, 4^9, 2^{10}\})$	35184372088832
8	$\mathcal{O}(5; \{8^4, 4^{11}, 2^7\})$	140737488355328
8	$\mathcal{O}(5; \{8^4, 4^{13}, 2^4\})$	562949953421312
8	$\mathcal{O}(5; \{8^4, 4^{15}, 2\})$	2251799813685248
8	$\mathcal{O}(5; \{8^6, 2^{20}\})$	1099511627776
8	$\mathcal{O}(5; \{8^6, 4^2, 2^{17}\})$	4398046511104
8	$\mathcal{O}(5; \{8^6, 4^4, 2^{14}\})$	17592186044416
8	$\mathcal{O}(5; \{8^6, 4^6, 2^{11}\})$	70368744177664
8	$\mathcal{O}(5; \{8^6, 4^8, 2^8\})$	281474976710656
8	$\mathcal{O}(5; \{8^6, 4^{10}, 2^5\})$	1125899906842624
8	$\mathcal{O}(5; \{8^6, 4^{12}, 2^2\})$	4503599627370496
8	$\mathcal{O}(5; \{8^8, 4, 2^{15}\})$	35184372088832
8	$\mathcal{O}(5; \{8^8, 4^3, 2^{12}\})$	140737488355328
8	$\mathcal{O}(5; \{8^8, 4^5, 2^9\})$	562949953421312
8	$\mathcal{O}(5; \{8^8, 4^7, 2^6\})$	2251799813685248
8	$\mathcal{O}(5; \{8^8, 4^9, 2^3\})$	9007199254740992
8	$\mathcal{O}(5; \{8^8, 4^{11}\})$	36028797018963968

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(5; \{8^{10}, 2^{13}\})$	281474976710656
8	$\mathcal{O}(5; \{8^{10}, 4^2, 2^{10}\})$	1125899906842624
8	$\mathcal{O}(5; \{8^{10}, 4^4, 2^7\})$	4503599627370496
8	$\mathcal{O}(5; \{8^{10}, 4^6, 2^4\})$	18014398509481984
8	$\mathcal{O}(5; \{8^{10}, 4^8, 2\})$	72057594037927936
8	$\mathcal{O}(5; \{8^{12}, 4, 2^8\})$	9007199254740992
8	$\mathcal{O}(5; \{8^{12}, 4^3, 2^5\})$	36028797018963968
8	$\mathcal{O}(5; \{8^{12}, 4^5, 2^2\})$	144115188075855872
8	$\mathcal{O}(5; \{8^{14}, 2^6\})$	72057594037927936
8	$\mathcal{O}(5; \{8^{14}, 4^2, 2^3\})$	288230376151711744
8	$\mathcal{O}(5; \{8^{14}, 4^4\})$	1152921504606846976
8	$\mathcal{O}(5; \{8^{16}, 4, 2\})$	2305843009213693952
8	$\mathcal{O}(4; \{8^2, 2^{31}\})$	67108864
8	$\mathcal{O}(4; \{8^2, 4^2, 2^{28}\})$	268435456
8	$\mathcal{O}(4; \{8^2, 4^4, 2^{25}\})$	1073741824
8	$\mathcal{O}(4; \{8^2, 4^6, 2^{22}\})$	4294967296
8	$\mathcal{O}(4; \{8^2, 4^8, 2^{19}\})$	17179869184
8	$\mathcal{O}(4; \{8^2, 4^{10}, 2^{16}\})$	68719476736
8	$\mathcal{O}(4; \{8^2, 4^{12}, 2^{13}\})$	274877906944
8	$\mathcal{O}(4; \{8^2, 4^{14}, 2^{10}\})$	1099511627776
8	$\mathcal{O}(4; \{8^2, 4^{16}, 2^7\})$	4398046511104
8	$\mathcal{O}(4; \{8^2, 4^{18}, 2^4\})$	17592186044416
8	$\mathcal{O}(4; \{8^2, 4^{20}, 2\})$	70368744177664
8	$\mathcal{O}(4; \{8^4, 4, 2^{26}\})$	2147483648
8	$\mathcal{O}(4; \{8^4, 4^3, 2^{23}\})$	8589934592
8	$\mathcal{O}(4; \{8^4, 4^5, 2^{20}\})$	34359738368
8	$\mathcal{O}(4; \{8^4, 4^7, 2^{17}\})$	137438953472
8	$\mathcal{O}(4; \{8^4, 4^9, 2^{14}\})$	549755813888
8	$\mathcal{O}(4; \{8^4, 4^{11}, 2^{11}\})$	2199023255552
8	$\mathcal{O}(4; \{8^4, 4^{13}, 2^8\})$	8796093022208
8	$\mathcal{O}(4; \{8^4, 4^{15}, 2^5\})$	35184372088832
8	$\mathcal{O}(4; \{8^4, 4^{17}, 2^2\})$	140737488355328
8	$\mathcal{O}(4; \{8^6, 2^{24}\})$	17179869184
8	$\mathcal{O}(4; \{8^6, 4^2, 2^{21}\})$	68719476736
8	$\mathcal{O}(4; \{8^6, 4^4, 2^{18}\})$	274877906944
8	$\mathcal{O}(4; \{8^6, 4^6, 2^{15}\})$	1099511627776
8	$\mathcal{O}(4; \{8^6, 4^8, 2^{12}\})$	4398046511104
8	$\mathcal{O}(4; \{8^6, 4^{10}, 2^9\})$	17592186044416
8	$\mathcal{O}(4; \{8^6, 4^{12}, 2^6\})$	70368744177664
8	$\mathcal{O}(4; \{8^6, 4^{14}, 2^3\})$	281474976710656
8	$\mathcal{O}(4; \{8^6, 4^{16}\})$	1125899906842624
8	$\mathcal{O}(4; \{8^8, 4, 2^{19}\})$	549755813888
8	$\mathcal{O}(4; \{8^8, 4^3, 2^{16}\})$	2199023255552

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(4; \{8^8, 4^5, 2^{13}\})$	8796093022208
8	$\mathcal{O}(4; \{8^8, 4^7, 2^{10}\})$	35184372088832
8	$\mathcal{O}(4; \{8^8, 4^9, 2^7\})$	140737488355328
8	$\mathcal{O}(4; \{8^8, 4^{11}, 2^4\})$	562949953421312
8	$\mathcal{O}(4; \{8^8, 4^{13}, 2\})$	2251799813685248
8	$\mathcal{O}(4; \{8^{10}, 2^{17}\})$	4398046511104
8	$\mathcal{O}(4; \{8^{10}, 4^2, 2^{14}\})$	17592186044416
8	$\mathcal{O}(4; \{8^{10}, 4^4, 2^{11}\})$	70368744177664
8	$\mathcal{O}(4; \{8^{10}, 4^6, 2^8\})$	281474976710656
8	$\mathcal{O}(4; \{8^{10}, 4^8, 2^5\})$	112589906842624
8	$\mathcal{O}(4; \{8^{10}, 4^{10}, 2^2\})$	4503599627370496
8	$\mathcal{O}(4; \{8^{12}, 4, 2^{12}\})$	140737488355328
8	$\mathcal{O}(4; \{8^{12}, 4^3, 2^9\})$	562949953421312
8	$\mathcal{O}(4; \{8^{12}, 4^5, 2^6\})$	2251799813685248
8	$\mathcal{O}(4; \{8^{12}, 4^7, 2^3\})$	9007199254740992
8	$\mathcal{O}(4; \{8^{12}, 4^9\})$	36028797018963968
8	$\mathcal{O}(4; \{8^{14}, 2^{10}\})$	112589906842624
8	$\mathcal{O}(4; \{8^{14}, 4^2, 2^7\})$	4503599627370496
8	$\mathcal{O}(4; \{8^{14}, 4^4, 2^4\})$	18014398509481984
8	$\mathcal{O}(4; \{8^{14}, 4^6, 2\})$	72057594037927936
8	$\mathcal{O}(4; \{8^{16}, 4, 2^5\})$	36028797018963968
8	$\mathcal{O}(4; \{8^{16}, 4^3, 2^2\})$	144115188075855872
8	$\mathcal{O}(4; \{8^{18}, 2^3\})$	288230376151711744
8	$\mathcal{O}(4; \{8^{18}, 4^2\})$	1152921504606846976
8	$\mathcal{O}(3; \{8^2, 2^{35}\})$	1048576
8	$\mathcal{O}(3; \{8^2, 4^2, 2^{32}\})$	4194304
8	$\mathcal{O}(3; \{8^2, 4^4, 2^{29}\})$	16777216
8	$\mathcal{O}(3; \{8^2, 4^6, 2^{26}\})$	67108864
8	$\mathcal{O}(3; \{8^2, 4^8, 2^{23}\})$	268435456
8	$\mathcal{O}(3; \{8^2, 4^{10}, 2^{20}\})$	1073741824
8	$\mathcal{O}(3; \{8^2, 4^{12}, 2^{17}\})$	4294967296
8	$\mathcal{O}(3; \{8^2, 4^{14}, 2^{14}\})$	17179869184
8	$\mathcal{O}(3; \{8^2, 4^{16}, 2^{11}\})$	68719476736
8	$\mathcal{O}(3; \{8^2, 4^{18}, 2^8\})$	274877906944
8	$\mathcal{O}(3; \{8^2, 4^{20}, 2^5\})$	1099511627776
8	$\mathcal{O}(3; \{8^2, 4^{22}, 2^2\})$	4398046511104
8	$\mathcal{O}(3; \{8^4, 4, 2^{30}\})$	33554432
8	$\mathcal{O}(3; \{8^4, 4^3, 2^{27}\})$	134217728
8	$\mathcal{O}(3; \{8^4, 4^5, 2^{24}\})$	536870912
8	$\mathcal{O}(3; \{8^4, 4^7, 2^{21}\})$	2147483648
8	$\mathcal{O}(3; \{8^4, 4^9, 2^{18}\})$	8589934592
8	$\mathcal{O}(3; \{8^4, 4^{11}, 2^{15}\})$	34359738368
8	$\mathcal{O}(3; \{8^4, 4^{13}, 2^{12}\})$	137438953472

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(3; \{8^4, 4^{15}, 2^9\})$	549755813888
8	$\mathcal{O}(3; \{8^4, 4^{17}, 2^6\})$	2199023255552
8	$\mathcal{O}(3; \{8^4, 4^{19}, 2^3\})$	8796093022208
8	$\mathcal{O}(3; \{8^4, 4^{21}\})$	35184372088832
8	$\mathcal{O}(3; \{8^6, 2^{28}\})$	268435456
8	$\mathcal{O}(3; \{8^6, 4^2, 2^{25}\})$	1073741824
8	$\mathcal{O}(3; \{8^6, 4^4, 2^{22}\})$	4294967296
8	$\mathcal{O}(3; \{8^6, 4^6, 2^{19}\})$	17179869184
8	$\mathcal{O}(3; \{8^6, 4^8, 2^{16}\})$	68719476736
8	$\mathcal{O}(3; \{8^6, 4^{10}, 2^{13}\})$	274877906944
8	$\mathcal{O}(3; \{8^6, 4^{12}, 2^{10}\})$	1099511627776
8	$\mathcal{O}(3; \{8^6, 4^{14}, 2^7\})$	4398046511104
8	$\mathcal{O}(3; \{8^6, 4^{16}, 2^4\})$	17592186044416
8	$\mathcal{O}(3; \{8^6, 4^{18}, 2\})$	70368744177664
8	$\mathcal{O}(3; \{8^8, 4, 2^{23}\})$	8589934592
8	$\mathcal{O}(3; \{8^8, 4^3, 2^{20}\})$	34359738368
8	$\mathcal{O}(3; \{8^8, 4^5, 2^{17}\})$	137438953472
8	$\mathcal{O}(3; \{8^8, 4^7, 2^{14}\})$	549755813888
8	$\mathcal{O}(3; \{8^8, 4^9, 2^{11}\})$	2199023255552
8	$\mathcal{O}(3; \{8^8, 4^{11}, 2^8\})$	8796093022208
8	$\mathcal{O}(3; \{8^8, 4^{13}, 2^5\})$	35184372088832
8	$\mathcal{O}(3; \{8^8, 4^{15}, 2^2\})$	140737488355328
8	$\mathcal{O}(3; \{8^{10}, 2^{21}\})$	68719476736
8	$\mathcal{O}(3; \{8^{10}, 4^2, 2^{18}\})$	274877906944
8	$\mathcal{O}(3; \{8^{10}, 4^4, 2^{15}\})$	1099511627776
8	$\mathcal{O}(3; \{8^{10}, 4^6, 2^{12}\})$	4398046511104
8	$\mathcal{O}(3; \{8^{10}, 4^8, 2^9\})$	17592186044416
8	$\mathcal{O}(3; \{8^{10}, 4^{10}, 2^6\})$	70368744177664
8	$\mathcal{O}(3; \{8^{10}, 4^{12}, 2^3\})$	281474976710656
8	$\mathcal{O}(3; \{8^{10}, 4^{14}\})$	1125899906842624
8	$\mathcal{O}(3; \{8^{12}, 4, 2^{16}\})$	2199023255552
8	$\mathcal{O}(3; \{8^{12}, 4^3, 2^{13}\})$	8796093022208
8	$\mathcal{O}(3; \{8^{12}, 4^5, 2^{10}\})$	35184372088832
8	$\mathcal{O}(3; \{8^{12}, 4^7, 2^7\})$	140737488355328
8	$\mathcal{O}(3; \{8^{12}, 4^9, 2^4\})$	562949953421312
8	$\mathcal{O}(3; \{8^{12}, 4^{11}, 2\})$	2251799813685248
8	$\mathcal{O}(3; \{8^{14}, 2^{14}\})$	17592186044416
8	$\mathcal{O}(3; \{8^{14}, 4^2, 2^{11}\})$	70368744177664
8	$\mathcal{O}(3; \{8^{14}, 4^4, 2^8\})$	281474976710656
8	$\mathcal{O}(3; \{8^{14}, 4^6, 2^5\})$	1125899906842624
8	$\mathcal{O}(3; \{8^{14}, 4^8, 2^2\})$	4503599627370496
8	$\mathcal{O}(3; \{8^{16}, 4, 2^9\})$	562949953421312
8	$\mathcal{O}(3; \{8^{16}, 4^3, 2^6\})$	2251799813685248

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(3; \{8^{16}, 4^5, 2^3\})$	9007199254740992
8	$\mathcal{O}(3; \{8^{16}, 4^7\})$	36028797018963968
8	$\mathcal{O}(3; \{8^{18}, 2^7\})$	4503599627370496
8	$\mathcal{O}(3; \{8^{18}, 4^2, 2^4\})$	18014398509481984
8	$\mathcal{O}(3; \{8^{18}, 4^4, 2\})$	72057594037927936
8	$\mathcal{O}(3; \{8^{20}, 4, 2^2\})$	144115188075855872
8	$\mathcal{O}(3; \{8^{22}\})$	1152921504606846976
8	$\mathcal{O}(2; \{8^2, 2^{39}\})$	16384
8	$\mathcal{O}(2; \{8^2, 4^2, 2^{36}\})$	65536
8	$\mathcal{O}(2; \{8^2, 4^4, 2^{33}\})$	262144
8	$\mathcal{O}(2; \{8^2, 4^6, 2^{30}\})$	1048576
8	$\mathcal{O}(2; \{8^2, 4^8, 2^{27}\})$	4194304
8	$\mathcal{O}(2; \{8^2, 4^{10}, 2^{24}\})$	16777216
8	$\mathcal{O}(2; \{8^2, 4^{12}, 2^{21}\})$	67108864
8	$\mathcal{O}(2; \{8^2, 4^{14}, 2^{18}\})$	268435456
8	$\mathcal{O}(2; \{8^2, 4^{16}, 2^{15}\})$	1073741824
8	$\mathcal{O}(2; \{8^2, 4^{18}, 2^{12}\})$	4294967296
8	$\mathcal{O}(2; \{8^2, 4^{20}, 2^9\})$	17179869184
8	$\mathcal{O}(2; \{8^2, 4^{22}, 2^6\})$	68719476736
8	$\mathcal{O}(2; \{8^2, 4^{24}, 2^3\})$	274877906944
8	$\mathcal{O}(2; \{8^2, 4^{26}\})$	1099511627776
8	$\mathcal{O}(2; \{8^4, 4, 2^{34}\})$	524288
8	$\mathcal{O}(2; \{8^4, 4^3, 2^{31}\})$	2097152
8	$\mathcal{O}(2; \{8^4, 4^5, 2^{28}\})$	8388608
8	$\mathcal{O}(2; \{8^4, 4^7, 2^{25}\})$	33554432
8	$\mathcal{O}(2; \{8^4, 4^9, 2^{22}\})$	134217728
8	$\mathcal{O}(2; \{8^4, 4^{11}, 2^{19}\})$	536870912
8	$\mathcal{O}(2; \{8^4, 4^{13}, 2^{16}\})$	2147483648
8	$\mathcal{O}(2; \{8^4, 4^{15}, 2^{13}\})$	8589934592
8	$\mathcal{O}(2; \{8^4, 4^{17}, 2^{10}\})$	34359738368
8	$\mathcal{O}(2; \{8^4, 4^{19}, 2^7\})$	137438953472
8	$\mathcal{O}(2; \{8^4, 4^{21}, 2^4\})$	549755813888
8	$\mathcal{O}(2; \{8^4, 4^{23}, 2\})$	2199023255552
8	$\mathcal{O}(2; \{8^6, 2^{32}\})$	4194304
8	$\mathcal{O}(2; \{8^6, 4^2, 2^{29}\})$	16777216
8	$\mathcal{O}(2; \{8^6, 4^4, 2^{26}\})$	67108864
8	$\mathcal{O}(2; \{8^6, 4^6, 2^{23}\})$	268435456
8	$\mathcal{O}(2; \{8^6, 4^8, 2^{20}\})$	1073741824
8	$\mathcal{O}(2; \{8^6, 4^{10}, 2^{17}\})$	4294967296
8	$\mathcal{O}(2; \{8^6, 4^{12}, 2^{14}\})$	17179869184
8	$\mathcal{O}(2; \{8^6, 4^{14}, 2^{11}\})$	68719476736
8	$\mathcal{O}(2; \{8^6, 4^{16}, 2^8\})$	274877906944
8	$\mathcal{O}(2; \{8^6, 4^{18}, 2^5\})$	1099511627776

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{8^6, 4^{20}, 2^2\})$	4398046511104
8	$\mathcal{O}(2; \{8^8, 4, 2^{27}\})$	134217728
8	$\mathcal{O}(2; \{8^8, 4^3, 2^{24}\})$	536870912
8	$\mathcal{O}(2; \{8^8, 4^5, 2^{21}\})$	2147483648
8	$\mathcal{O}(2; \{8^8, 4^7, 2^{18}\})$	8589934592
8	$\mathcal{O}(2; \{8^8, 4^9, 2^{15}\})$	34359738368
8	$\mathcal{O}(2; \{8^8, 4^{11}, 2^{12}\})$	137438953472
8	$\mathcal{O}(2; \{8^8, 4^{13}, 2^9\})$	549755813888
8	$\mathcal{O}(2; \{8^8, 4^{15}, 2^6\})$	2199023255552
8	$\mathcal{O}(2; \{8^8, 4^{17}, 2^3\})$	8796093022208
8	$\mathcal{O}(2; \{8^8, 4^{19}\})$	35184372088832
8	$\mathcal{O}(2; \{8^{10}, 2^{25}\})$	1073741824
8	$\mathcal{O}(2; \{8^{10}, 4^2, 2^{22}\})$	4294967296
8	$\mathcal{O}(2; \{8^{10}, 4^4, 2^{19}\})$	17179869184
8	$\mathcal{O}(2; \{8^{10}, 4^6, 2^{16}\})$	68719476736
8	$\mathcal{O}(2; \{8^{10}, 4^8, 2^{13}\})$	274877906944
8	$\mathcal{O}(2; \{8^{10}, 4^{10}, 2^{10}\})$	1099511627776
8	$\mathcal{O}(2; \{8^{10}, 4^{12}, 2^7\})$	4398046511104
8	$\mathcal{O}(2; \{8^{10}, 4^{14}, 2^4\})$	17592186044416
8	$\mathcal{O}(2; \{8^{10}, 4^{16}, 2\})$	70368744177664
8	$\mathcal{O}(2; \{8^{12}, 4, 2^{20}\})$	34359738368
8	$\mathcal{O}(2; \{8^{12}, 4^3, 2^{17}\})$	137438953472
8	$\mathcal{O}(2; \{8^{12}, 4^5, 2^{14}\})$	549755813888
8	$\mathcal{O}(2; \{8^{12}, 4^7, 2^{11}\})$	2199023255552
8	$\mathcal{O}(2; \{8^{12}, 4^9, 2^8\})$	8796093022208
8	$\mathcal{O}(2; \{8^{12}, 4^{11}, 2^5\})$	35184372088832
8	$\mathcal{O}(2; \{8^{12}, 4^{13}, 2^2\})$	140737488355328
8	$\mathcal{O}(2; \{8^{14}, 2^{18}\})$	274877906944
8	$\mathcal{O}(2; \{8^{14}, 4^2, 2^{15}\})$	1099511627776
8	$\mathcal{O}(2; \{8^{14}, 4^4, 2^{12}\})$	4398046511104
8	$\mathcal{O}(2; \{8^{14}, 4^6, 2^9\})$	17592186044416
8	$\mathcal{O}(2; \{8^{14}, 4^8, 2^6\})$	70368744177664
8	$\mathcal{O}(2; \{8^{14}, 4^{10}, 2^3\})$	281474976710656
8	$\mathcal{O}(2; \{8^{14}, 4^{12}\})$	1125899906842624
8	$\mathcal{O}(2; \{8^{16}, 4, 2^{13}\})$	8796093022208
8	$\mathcal{O}(2; \{8^{16}, 4^3, 2^{10}\})$	35184372088832
8	$\mathcal{O}(2; \{8^{16}, 4^5, 2^7\})$	140737488355328
8	$\mathcal{O}(2; \{8^{16}, 4^7, 2^4\})$	562949953421312
8	$\mathcal{O}(2; \{8^{16}, 4^9, 2\})$	2251799813685248
8	$\mathcal{O}(2; \{8^{18}, 2^{11}\})$	70368744177664
8	$\mathcal{O}(2; \{8^{18}, 4^2, 2^8\})$	281474976710656
8	$\mathcal{O}(2; \{8^{18}, 4^4, 2^5\})$	1125899906842624
8	$\mathcal{O}(2; \{8^{18}, 4^6, 2^2\})$	4503599627370496

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{8^{20}, 4, 2^6\})$	2251799813685248
8	$\mathcal{O}(2; \{8^{20}, 4^3, 2^3\})$	9007199254740992
8	$\mathcal{O}(2; \{8^{20}, 4^5\})$	36028797018963968
8	$\mathcal{O}(2; \{8^{22}, 2^4\})$	18014398509481984
8	$\mathcal{O}(2; \{8^{22}, 4^2, 2\})$	72057594037927936
8	$\mathcal{O}(1; \{8^2, 2^{43}\})$	256
8	$\mathcal{O}(1; \{8^2, 4^2, 2^{40}\})$	1024
8	$\mathcal{O}(1; \{8^2, 4^4, 2^{37}\})$	4096
8	$\mathcal{O}(1; \{8^2, 4^6, 2^{34}\})$	16384
8	$\mathcal{O}(1; \{8^2, 4^8, 2^{31}\})$	65536
8	$\mathcal{O}(1; \{8^2, 4^{10}, 2^{28}\})$	262144
8	$\mathcal{O}(1; \{8^2, 4^{12}, 2^{25}\})$	1048576
8	$\mathcal{O}(1; \{8^2, 4^{14}, 2^{22}\})$	4194304
8	$\mathcal{O}(1; \{8^2, 4^{16}, 2^{19}\})$	16777216
8	$\mathcal{O}(1; \{8^2, 4^{18}, 2^{16}\})$	67108864
8	$\mathcal{O}(1; \{8^2, 4^{20}, 2^{13}\})$	268435456
8	$\mathcal{O}(1; \{8^2, 4^{22}, 2^{10}\})$	1073741824
8	$\mathcal{O}(1; \{8^2, 4^{24}, 2^7\})$	4294967296
8	$\mathcal{O}(1; \{8^2, 4^{26}, 2^4\})$	17179869184
8	$\mathcal{O}(1; \{8^2, 4^{28}, 2\})$	68719476736
8	$\mathcal{O}(1; \{8^4, 4, 2^{38}\})$	8192
8	$\mathcal{O}(1; \{8^4, 4^3, 2^{35}\})$	32768
8	$\mathcal{O}(1; \{8^4, 4^5, 2^{32}\})$	131072
8	$\mathcal{O}(1; \{8^4, 4^7, 2^{29}\})$	524288
8	$\mathcal{O}(1; \{8^4, 4^9, 2^{26}\})$	2097152
8	$\mathcal{O}(1; \{8^4, 4^{11}, 2^{23}\})$	8388608
8	$\mathcal{O}(1; \{8^4, 4^{13}, 2^{20}\})$	33554432
8	$\mathcal{O}(1; \{8^4, 4^{15}, 2^{17}\})$	134217728
8	$\mathcal{O}(1; \{8^4, 4^{17}, 2^{14}\})$	536870912
8	$\mathcal{O}(1; \{8^4, 4^{19}, 2^{11}\})$	2147483648
8	$\mathcal{O}(1; \{8^4, 4^{21}, 2^8\})$	8589934592
8	$\mathcal{O}(1; \{8^4, 4^{23}, 2^5\})$	34359738368
8	$\mathcal{O}(1; \{8^4, 4^{25}, 2^2\})$	137438953472
8	$\mathcal{O}(1; \{8^6, 2^{36}\})$	65536
8	$\mathcal{O}(1; \{8^6, 4^2, 2^{33}\})$	262144
8	$\mathcal{O}(1; \{8^6, 4^4, 2^{30}\})$	1048576
8	$\mathcal{O}(1; \{8^6, 4^6, 2^{27}\})$	4194304
8	$\mathcal{O}(1; \{8^6, 4^8, 2^{24}\})$	16777216
8	$\mathcal{O}(1; \{8^6, 4^{10}, 2^{21}\})$	67108864
8	$\mathcal{O}(1; \{8^6, 4^{12}, 2^{18}\})$	268435456
8	$\mathcal{O}(1; \{8^6, 4^{14}, 2^{15}\})$	1073741824
8	$\mathcal{O}(1; \{8^6, 4^{16}, 2^{12}\})$	4294967296
8	$\mathcal{O}(1; \{8^6, 4^{18}, 2^9\})$	17179869184

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{8^6, 4^{20}, 2^6\})$	68719476736
8	$\mathcal{O}(1; \{8^6, 4^{22}, 2^3\})$	274877906944
8	$\mathcal{O}(1; \{8^6, 4^{24}\})$	1099511627776
8	$\mathcal{O}(1; \{8^8, 4, 2^{31}\})$	2097152
8	$\mathcal{O}(1; \{8^8, 4^3, 2^{28}\})$	8388608
8	$\mathcal{O}(1; \{8^8, 4^5, 2^{25}\})$	33554432
8	$\mathcal{O}(1; \{8^8, 4^7, 2^{22}\})$	134217728
8	$\mathcal{O}(1; \{8^8, 4^9, 2^{19}\})$	536870912
8	$\mathcal{O}(1; \{8^8, 4^{11}, 2^{16}\})$	2147483648
8	$\mathcal{O}(1; \{8^8, 4^{13}, 2^{13}\})$	8589934592
8	$\mathcal{O}(1; \{8^8, 4^{15}, 2^{10}\})$	34359738368
8	$\mathcal{O}(1; \{8^8, 4^{17}, 2^7\})$	137438953472
8	$\mathcal{O}(1; \{8^8, 4^{19}, 2^4\})$	549755813888
8	$\mathcal{O}(1; \{8^8, 4^{21}, 2\})$	2199023255552
8	$\mathcal{O}(1; \{8^{10}, 2^{29}\})$	16777216
8	$\mathcal{O}(1; \{8^{10}, 4^2, 2^{26}\})$	67108864
8	$\mathcal{O}(1; \{8^{10}, 4^4, 2^{23}\})$	268435456
8	$\mathcal{O}(1; \{8^{10}, 4^6, 2^{20}\})$	1073741824
8	$\mathcal{O}(1; \{8^{10}, 4^8, 2^{17}\})$	4294967296
8	$\mathcal{O}(1; \{8^{10}, 4^{10}, 2^{14}\})$	17179869184
8	$\mathcal{O}(1; \{8^{10}, 4^{12}, 2^{11}\})$	68719476736
8	$\mathcal{O}(1; \{8^{10}, 4^{14}, 2^8\})$	274877906944
8	$\mathcal{O}(1; \{8^{10}, 4^{16}, 2^5\})$	1099511627776
8	$\mathcal{O}(1; \{8^{10}, 4^{18}, 2^2\})$	4398046511104
8	$\mathcal{O}(1; \{8^{12}, 4, 2^{24}\})$	536870912
8	$\mathcal{O}(1; \{8^{12}, 4^3, 2^{21}\})$	2147483648
8	$\mathcal{O}(1; \{8^{12}, 4^5, 2^{18}\})$	8589934592
8	$\mathcal{O}(1; \{8^{12}, 4^7, 2^{15}\})$	34359738368
8	$\mathcal{O}(1; \{8^{12}, 4^9, 2^{12}\})$	137438953472
8	$\mathcal{O}(1; \{8^{12}, 4^{11}, 2^9\})$	549755813888
8	$\mathcal{O}(1; \{8^{12}, 4^{13}, 2^6\})$	2199023255552
8	$\mathcal{O}(1; \{8^{12}, 4^{15}, 2^3\})$	8796093022208
8	$\mathcal{O}(1; \{8^{12}, 4^{17}\})$	35184372088832
8	$\mathcal{O}(1; \{8^{14}, 2^{22}\})$	4294967296
8	$\mathcal{O}(1; \{8^{14}, 4^2, 2^{19}\})$	17179869184
8	$\mathcal{O}(1; \{8^{14}, 4^4, 2^{16}\})$	68719476736
8	$\mathcal{O}(1; \{8^{14}, 4^6, 2^{13}\})$	274877906944
8	$\mathcal{O}(1; \{8^{14}, 4^8, 2^{10}\})$	1099511627776
8	$\mathcal{O}(1; \{8^{14}, 4^{10}, 2^7\})$	4398046511104
8	$\mathcal{O}(1; \{8^{14}, 4^{12}, 2^4\})$	17592186044416
8	$\mathcal{O}(1; \{8^{14}, 4^{14}, 2\})$	70368744177664
8	$\mathcal{O}(1; \{8^{16}, 4, 2^{17}\})$	137438953472
8	$\mathcal{O}(1; \{8^{16}, 4^3, 2^{14}\})$	549755813888

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{8^{16}, 4^5, 2^{11}\})$	2199023255552
8	$\mathcal{O}(1; \{8^{16}, 4^7, 2^8\})$	8796093022208
8	$\mathcal{O}(1; \{8^{16}, 4^9, 2^5\})$	35184372088832
8	$\mathcal{O}(1; \{8^{16}, 4^{11}, 2^2\})$	140737488355328
8	$\mathcal{O}(1; \{8^{18}, 2^{15}\})$	1099511627776
8	$\mathcal{O}(1; \{8^{18}, 4^2, 2^{12}\})$	4398046511104
8	$\mathcal{O}(1; \{8^{18}, 4^4, 2^9\})$	17592186044416
8	$\mathcal{O}(1; \{8^{18}, 4^6, 2^6\})$	70368744177664
8	$\mathcal{O}(1; \{8^{18}, 4^8, 2^3\})$	281474976710656
8	$\mathcal{O}(1; \{8^{18}, 4^{10}\})$	112589906842624
8	$\mathcal{O}(1; \{8^{20}, 4, 2^{10}\})$	35184372088832
8	$\mathcal{O}(1; \{8^{20}, 4^3, 2^7\})$	140737488355328
8	$\mathcal{O}(1; \{8^{20}, 4^5, 2^4\})$	562949953421312
8	$\mathcal{O}(1; \{8^{20}, 4^7, 2\})$	2251799813685248
8	$\mathcal{O}(1; \{8^{22}, 2^8\})$	281474976710656
8	$\mathcal{O}(1; \{8^{22}, 4^2, 2^5\})$	112589906842624
8	$\mathcal{O}(1; \{8^{22}, 4^4, 2^2\})$	4503599627370496
8	$\mathcal{O}(1; \{8^{24}, 4, 2^3\})$	9007199254740992
8	$\mathcal{O}(1; \{8^{24}, 4^3\})$	36028797018963968
8	$\mathcal{O}(1; \{8^{26}, 2\})$	72057594037927936
8	$\mathcal{O}(0; \{8^2, 2^{47}\})$	4
8	$\mathcal{O}(0; \{8^2, 4^2, 2^{44}\})$	16
8	$\mathcal{O}(0; \{8^2, 4^4, 2^{41}\})$	64
8	$\mathcal{O}(0; \{8^2, 4^6, 2^{38}\})$	256
8	$\mathcal{O}(0; \{8^2, 4^8, 2^{35}\})$	1024
8	$\mathcal{O}(0; \{8^2, 4^{10}, 2^{32}\})$	4096
8	$\mathcal{O}(0; \{8^2, 4^{12}, 2^{29}\})$	16384
8	$\mathcal{O}(0; \{8^2, 4^{14}, 2^{26}\})$	65536
8	$\mathcal{O}(0; \{8^2, 4^{16}, 2^{23}\})$	262144
8	$\mathcal{O}(0; \{8^2, 4^{18}, 2^{20}\})$	1048576
8	$\mathcal{O}(0; \{8^2, 4^{20}, 2^{17}\})$	4194304
8	$\mathcal{O}(0; \{8^2, 4^{22}, 2^{14}\})$	16777216
8	$\mathcal{O}(0; \{8^2, 4^{24}, 2^{11}\})$	67108864
8	$\mathcal{O}(0; \{8^2, 4^{26}, 2^8\})$	268435456
8	$\mathcal{O}(0; \{8^2, 4^{28}, 2^5\})$	1073741824
8	$\mathcal{O}(0; \{8^2, 4^{30}, 2^2\})$	4294967296
8	$\mathcal{O}(0; \{8^4, 4, 2^{42}\})$	128
8	$\mathcal{O}(0; \{8^4, 4^3, 2^{39}\})$	512
8	$\mathcal{O}(0; \{8^4, 4^5, 2^{36}\})$	2048
8	$\mathcal{O}(0; \{8^4, 4^7, 2^{33}\})$	8192
8	$\mathcal{O}(0; \{8^4, 4^9, 2^{30}\})$	32768
8	$\mathcal{O}(0; \{8^4, 4^{11}, 2^{27}\})$	131072
8	$\mathcal{O}(0; \{8^4, 4^{13}, 2^{24}\})$	524288

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{8^4, 4^{15}, 2^{21}\})$	2097152
8	$\mathcal{O}(0; \{8^4, 4^{17}, 2^{18}\})$	8388608
8	$\mathcal{O}(0; \{8^4, 4^{19}, 2^{15}\})$	33554432
8	$\mathcal{O}(0; \{8^4, 4^{21}, 2^{12}\})$	134217728
8	$\mathcal{O}(0; \{8^4, 4^{23}, 2^9\})$	536870912
8	$\mathcal{O}(0; \{8^4, 4^{25}, 2^6\})$	2147483648
8	$\mathcal{O}(0; \{8^4, 4^{27}, 2^3\})$	8589934592
8	$\mathcal{O}(0; \{8^4, 4^{29}\})$	34359738368
8	$\mathcal{O}(0; \{8^6, 2^{40}\})$	1024
8	$\mathcal{O}(0; \{8^6, 4^2, 2^{37}\})$	4096
8	$\mathcal{O}(0; \{8^6, 4^4, 2^{34}\})$	16384
8	$\mathcal{O}(0; \{8^6, 4^6, 2^{31}\})$	65536
8	$\mathcal{O}(0; \{8^6, 4^8, 2^{28}\})$	262144
8	$\mathcal{O}(0; \{8^6, 4^{10}, 2^{25}\})$	1048576
8	$\mathcal{O}(0; \{8^6, 4^{12}, 2^{22}\})$	4194304
8	$\mathcal{O}(0; \{8^6, 4^{14}, 2^{19}\})$	16777216
8	$\mathcal{O}(0; \{8^6, 4^{16}, 2^{16}\})$	67108864
8	$\mathcal{O}(0; \{8^6, 4^{18}, 2^{13}\})$	268435456
8	$\mathcal{O}(0; \{8^6, 4^{20}, 2^{10}\})$	1073741824
8	$\mathcal{O}(0; \{8^6, 4^{22}, 2^7\})$	4294967296
8	$\mathcal{O}(0; \{8^6, 4^{24}, 2^4\})$	17179869184
8	$\mathcal{O}(0; \{8^6, 4^{26}, 2\})$	68719476736
8	$\mathcal{O}(0; \{8^8, 4, 2^{35}\})$	32768
8	$\mathcal{O}(0; \{8^8, 4^3, 2^{32}\})$	131072
8	$\mathcal{O}(0; \{8^8, 4^5, 2^{29}\})$	524288
8	$\mathcal{O}(0; \{8^8, 4^7, 2^{26}\})$	2097152
8	$\mathcal{O}(0; \{8^8, 4^9, 2^{23}\})$	8388608
8	$\mathcal{O}(0; \{8^8, 4^{11}, 2^{20}\})$	33554432
8	$\mathcal{O}(0; \{8^8, 4^{13}, 2^{17}\})$	134217728
8	$\mathcal{O}(0; \{8^8, 4^{15}, 2^{14}\})$	536870912
8	$\mathcal{O}(0; \{8^8, 4^{17}, 2^{11}\})$	2147483648
8	$\mathcal{O}(0; \{8^8, 4^{19}, 2^8\})$	8589934592
8	$\mathcal{O}(0; \{8^8, 4^{21}, 2^5\})$	34359738368
8	$\mathcal{O}(0; \{8^8, 4^{23}, 2^2\})$	137438953472
8	$\mathcal{O}(0; \{8^{10}, 2^{33}\})$	262144
8	$\mathcal{O}(0; \{8^{10}, 4^2, 2^{30}\})$	1048576
8	$\mathcal{O}(0; \{8^{10}, 4^4, 2^{27}\})$	4194304
8	$\mathcal{O}(0; \{8^{10}, 4^6, 2^{24}\})$	16777216
8	$\mathcal{O}(0; \{8^{10}, 4^8, 2^{21}\})$	67108864
8	$\mathcal{O}(0; \{8^{10}, 4^{10}, 2^{18}\})$	268435456
8	$\mathcal{O}(0; \{8^{10}, 4^{12}, 2^{15}\})$	1073741824
8	$\mathcal{O}(0; \{8^{10}, 4^{14}, 2^{12}\})$	4294967296
8	$\mathcal{O}(0; \{8^{10}, 4^{16}, 2^9\})$	17179869184

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{8^{10}, 4^{18}, 2^6\})$	68719476736
8	$\mathcal{O}(0; \{8^{10}, 4^{20}, 2^3\})$	274877906944
8	$\mathcal{O}(0; \{8^{10}, 4^{22}\})$	1099511627776
8	$\mathcal{O}(0; \{8^{12}, 4, 2^{28}\})$	8388608
8	$\mathcal{O}(0; \{8^{12}, 4^3, 2^{25}\})$	33554432
8	$\mathcal{O}(0; \{8^{12}, 4^5, 2^{22}\})$	134217728
8	$\mathcal{O}(0; \{8^{12}, 4^7, 2^{19}\})$	536870912
8	$\mathcal{O}(0; \{8^{12}, 4^9, 2^{16}\})$	2147483648
8	$\mathcal{O}(0; \{8^{12}, 4^{11}, 2^{13}\})$	8589934592
8	$\mathcal{O}(0; \{8^{12}, 4^{13}, 2^{10}\})$	34359738368
8	$\mathcal{O}(0; \{8^{12}, 4^{15}, 2^7\})$	137438953472
8	$\mathcal{O}(0; \{8^{12}, 4^{17}, 2^4\})$	549755813888
8	$\mathcal{O}(0; \{8^{12}, 4^{19}, 2\})$	2199023255552
8	$\mathcal{O}(0; \{8^{14}, 2^{26}\})$	67108864
8	$\mathcal{O}(0; \{8^{14}, 4^2, 2^{23}\})$	268435456
8	$\mathcal{O}(0; \{8^{14}, 4^4, 2^{20}\})$	1073741824
8	$\mathcal{O}(0; \{8^{14}, 4^6, 2^{17}\})$	4294967296
8	$\mathcal{O}(0; \{8^{14}, 4^8, 2^{14}\})$	17179869184
8	$\mathcal{O}(0; \{8^{14}, 4^{10}, 2^{11}\})$	68719476736
8	$\mathcal{O}(0; \{8^{14}, 4^{12}, 2^8\})$	274877906944
8	$\mathcal{O}(0; \{8^{14}, 4^{14}, 2^5\})$	1099511627776
8	$\mathcal{O}(0; \{8^{14}, 4^{16}, 2^2\})$	4398046511104
8	$\mathcal{O}(0; \{8^{16}, 4, 2^{21}\})$	2147483648
8	$\mathcal{O}(0; \{8^{16}, 4^3, 2^{18}\})$	8589934592
8	$\mathcal{O}(0; \{8^{16}, 4^5, 2^{15}\})$	34359738368
8	$\mathcal{O}(0; \{8^{16}, 4^7, 2^{12}\})$	137438953472
8	$\mathcal{O}(0; \{8^{16}, 4^9, 2^9\})$	549755813888
8	$\mathcal{O}(0; \{8^{16}, 4^{11}, 2^6\})$	2199023255552
8	$\mathcal{O}(0; \{8^{16}, 4^{13}, 2^3\})$	8796093022208
8	$\mathcal{O}(0; \{8^{16}, 4^{15}\})$	35184372088832
8	$\mathcal{O}(0; \{8^{18}, 2^{19}\})$	17179869184
8	$\mathcal{O}(0; \{8^{18}, 4^2, 2^{16}\})$	68719476736
8	$\mathcal{O}(0; \{8^{18}, 4^4, 2^{13}\})$	274877906944
8	$\mathcal{O}(0; \{8^{18}, 4^6, 2^{10}\})$	1099511627776
8	$\mathcal{O}(0; \{8^{18}, 4^8, 2^7\})$	4398046511104
8	$\mathcal{O}(0; \{8^{18}, 4^{10}, 2^4\})$	17592186044416
8	$\mathcal{O}(0; \{8^{18}, 4^{12}, 2\})$	70368744177664
8	$\mathcal{O}(0; \{8^{20}, 4, 2^{14}\})$	549755813888
8	$\mathcal{O}(0; \{8^{20}, 4^3, 2^{11}\})$	2199023255552
8	$\mathcal{O}(0; \{8^{20}, 4^5, 2^8\})$	8796093022208
8	$\mathcal{O}(0; \{8^{20}, 4^7, 2^5\})$	35184372088832
8	$\mathcal{O}(0; \{8^{20}, 4^9, 2^2\})$	140737488355328
8	$\mathcal{O}(0; \{8^{22}, 2^{12}\})$	4398046511104

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{8^{22}, 4^2, 2^9\})$	17592186044416
8	$\mathcal{O}(0; \{8^{22}, 4^4, 2^6\})$	70368744177664
8	$\mathcal{O}(0; \{8^{22}, 4^6, 2^3\})$	281474976710656
8	$\mathcal{O}(0; \{8^{22}, 4^8\})$	1125899906842624
8	$\mathcal{O}(0; \{8^{24}, 4, 2^7\})$	140737488355328
8	$\mathcal{O}(0; \{8^{24}, 4^3, 2^4\})$	562949953421312
8	$\mathcal{O}(0; \{8^{24}, 4^5, 2\})$	2251799813685248
8	$\mathcal{O}(0; \{8^{26}, 2^5\})$	1125899906842624
8	$\mathcal{O}(0; \{8^{26}, 4^2, 2^2\})$	4503599627370496
8	$\mathcal{O}(0; \{8^{28}, 4\})$	36028797018963968
9	$\mathcal{O}(10; \{3^4\})$	72945992733420866400
9	$\mathcal{O}(10; \{9^3\})$	218837978263024718418
9	$\mathcal{O}(9; \{3^7\})$	6303974666202302544
9	$\mathcal{O}(9; \{9^3, 3^3\})$	21613627482767873424
9	$\mathcal{O}(8; \{3^{10}\})$	633732889865351040
9	$\mathcal{O}(8; \{9^3, 3^6\})$	2134679257557320832
9	$\mathcal{O}(8; \{9^6, 3^2\})$	39624983718407767944
9	$\mathcal{O}(7; \{3^{13}\})$	62453630344538160
9	$\mathcal{O}(7; \{9^3, 3^9\})$	210832519264920576
9	$\mathcal{O}(7; \{9^6, 3^5\})$	3913578638855088192
9	$\mathcal{O}(7; \{9^9, 3\})$	51032176000979701140
9	$\mathcal{O}(6; \{3^{16}\})$	6169944044103840
9	$\mathcal{O}(6; \{9^3, 3^{12}\})$	20822964865671168
9	$\mathcal{O}(6; \{9^6, 3^8\})$	386526285319021056
9	$\mathcal{O}(6; \{9^9, 3^4\})$	5040214913677007520
9	$\mathcal{O}(6; \{9^{12}\})$	68343090605233599762
9	$\mathcal{O}(5; \{3^{19}\})$	609347095966224
9	$\mathcal{O}(5; \{9^3, 3^{15}\})$	2056589122535424
9	$\mathcal{O}(5; \{9^6, 3^{11}\})$	38175435587063808
9	$\mathcal{O}(5; \{9^9, 3^7\})$	497799003819951360
9	$\mathcal{O}(5; \{9^{12}, 3^3\})$	6749934874590972816
9	$\mathcal{O}(4; \{3^{22}\})$	60174533776320
9	$\mathcal{O}(4; \{9^3, 3^{18}\})$	203119913336832
9	$\mathcal{O}(4; \{9^6, 3^{14}\})$	3770413391314944
9	$\mathcal{O}(4; \{9^9, 3^{10}\})$	49165333710612480
9	$\mathcal{O}(4; \{9^{12}, 3^6\})$	666660234527503488
9	$\mathcal{O}(4; \{9^{15}, 3^2\})$	8994971778951025512
9	$\mathcal{O}(3; \{3^{25}\})$	5935912884720
9	$\mathcal{O}(3; \{9^3, 3^{21}\})$	20061226008576
9	$\mathcal{O}(3; \{9^6, 3^{17}\})$	372386507784192
9	$\mathcal{O}(3; \{9^9, 3^{13}\})$	4855835428208640
9	$\mathcal{O}(3; \{9^{12}, 3^9\})$	65842986126173184
9	$\mathcal{O}(3; \{9^{15}, 3^5\})$	888392274464298816

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
9	$\mathcal{O}(3; \{9^{18}, 3\})$	11994119269796412612
9	$\mathcal{O}(2; \{3^{28}\})$	579820589280
9	$\mathcal{O}(2; \{9^3, 3^{24}\})$	198135565168
9	$\mathcal{O}(2; \{9^6, 3^{20}\})$	36778914349056
9	$\mathcal{O}(2; \{9^9, 3^{16}\})$	479588684267520
9	$\mathcal{O}(2; \{9^{12}, 3^{12}\})$	6503010975424512
9	$\mathcal{O}(2; \{9^{15}, 3^8\})$	87742446860671488
9	$\mathcal{O}(2; \{9^{18}, 3^4\})$	1184604372325571616
9	$\mathcal{O}(2; \{9^{21}\})$	15992021765640487050
9	$\mathcal{O}(1; \{3^{31}\})$	51539607504
9	$\mathcal{O}(1; \{9^3, 3^{27}\})$	195689447424
9	$\mathcal{O}(1; \{9^6, 3^{23}\})$	3632485367808
9	$\mathcal{O}(1; \{9^9, 3^{19}\})$	47366783631360
9	$\mathcal{O}(1; \{9^{12}, 3^{15}\})$	642272688930816
9	$\mathcal{O}(1; \{9^{15}, 3^{11}\})$	8665920677597184
9	$\mathcal{O}(1; \{9^{18}, 3^7\})$	116997962698821888
9	$\mathcal{O}(1; \{9^{21}, 3^3\})$	1579458939816344400
9	$\mathcal{O}(0; \{9^3, 3^{30}\})$	19327352832
9	$\mathcal{O}(0; \{9^6, 3^{26}\})$	358763986944
9	$\mathcal{O}(0; \{9^9, 3^{22}\})$	4678200852480
9	$\mathcal{O}(0; \{9^{12}, 3^{18}\})$	63434339647488
9	$\mathcal{O}(0; \{9^{15}, 3^{14}\})$	855893400256512
9	$\mathcal{O}(0; \{9^{18}, 3^{10}\})$	11555354340624384
9	$\mathcal{O}(0; \{9^{21}, 3^6\})$	155995944673219200
9	$\mathcal{O}(0; \{9^{24}, 3^2\})$	2105947512524751048
10	$\mathcal{O}(9; \{5^2, 2^2\})$	400000000000000000
10	$\mathcal{O}(9; \{10^2, 5\})$	1200000000000000000
10	$\mathcal{O}(8; \{5^2, 2^6\})$	400000000000000000
10	$\mathcal{O}(8; \{10, 5^4, 2\})$	2040000000000000000
10	$\mathcal{O}(8; \{10^2, 5, 2^4\})$	1200000000000000000
10	$\mathcal{O}(8; \{10^4, 2^2\})$	5200000000000000000
10	$\mathcal{O}(7; \{5^2, 2^{10}\})$	400000000000000000
10	$\mathcal{O}(7; \{5^7, 2^2\})$	3276000000000000000
10	$\mathcal{O}(7; \{10, 5^4, 2^5\})$	2040000000000000000
10	$\mathcal{O}(7; \{10^2, 5, 2^8\})$	1200000000000000000
10	$\mathcal{O}(7; \{10^2, 5^6\})$	13108000000000000000
10	$\mathcal{O}(7; \{10^3, 5^3, 2^3\})$	8200000000000000000
10	$\mathcal{O}(7; \{10^4, 2^6\})$	5200000000000000000
10	$\mathcal{O}(7; \{10^5, 5^2, 2\})$	3276000000000000000
10	$\mathcal{O}(6; \{5^2, 2^{14}\})$	4000000000000000000
10	$\mathcal{O}(6; \{5^7, 2^6\})$	3276000000000000000
10	$\mathcal{O}(6; \{10, 5^4, 2^9\})$	2040000000000000000
10	$\mathcal{O}(6; \{10, 5^9, 2\})$	2097160000000000000

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(6; \{10^2, 5, 2^{12}\})$	12000000000000
10	$\mathcal{O}(6; \{10^2, 5^6, 2^4\})$	1310800000000000
10	$\mathcal{O}(6; \{10^3, 5^3, 2^7\})$	820000000000000
10	$\mathcal{O}(6; \{10^4, 2^{10}\})$	520000000000000
10	$\mathcal{O}(6; \{10^4, 5^5, 2^2\})$	5242800000000000
10	$\mathcal{O}(6; \{10^5, 5^2, 2^5\})$	3276000000000000
10	$\mathcal{O}(6; \{10^6, 5^4\})$	20971600000000000
10	$\mathcal{O}(6; \{10^7, 5, 2^3\})$	13108000000000000
10	$\mathcal{O}(6; \{10^9, 2\})$	52428000000000000
10	$\mathcal{O}(5; \{5^2, 2^{18}\})$	40000000000
10	$\mathcal{O}(5; \{5^7, 2^{10}\})$	327600000000000
10	$\mathcal{O}(5; \{5^{12}, 2^2\})$	33554440000000000
10	$\mathcal{O}(5; \{10, 5^4, 2^{13}\})$	204000000000000
10	$\mathcal{O}(5; \{10, 5^9, 2^5\})$	20971600000000000
10	$\mathcal{O}(5; \{10^2, 5, 2^{16}\})$	1200000000000
10	$\mathcal{O}(5; \{10^2, 5^6, 2^8\})$	13108000000000000
10	$\mathcal{O}(5; \{10^2, 5^{11}\})$	134217720000000000
10	$\mathcal{O}(5; \{10^3, 5^3, 2^{11}\})$	820000000000000
10	$\mathcal{O}(5; \{10^3, 5^8, 2^3\})$	83886000000000000
10	$\mathcal{O}(5; \{10^4, 2^{14}\})$	5200000000000
10	$\mathcal{O}(5; \{10^4, 5^5, 2^6\})$	52428000000000000
10	$\mathcal{O}(5; \{10^5, 5^2, 2^9\})$	3276000000000000
10	$\mathcal{O}(5; \{10^5, 5^7, 2\})$	335544400000000000
10	$\mathcal{O}(5; \{10^6, 5^4, 2^4\})$	20971600000000000
10	$\mathcal{O}(5; \{10^7, 5, 2^7\})$	13108000000000000
10	$\mathcal{O}(5; \{10^8, 5^3, 2^2\})$	83886000000000000
10	$\mathcal{O}(5; \{10^9, 2^5\})$	52428000000000000
10	$\mathcal{O}(5; \{10^{10}, 5^2\})$	335544400000000000
10	$\mathcal{O}(4; \{5^2, 2^{22}\})$	400000000
10	$\mathcal{O}(4; \{5^7, 2^{14}\})$	3276000000000
10	$\mathcal{O}(4; \{5^{12}, 2^6\})$	3355444000000000
10	$\mathcal{O}(4; \{10, 5^4, 2^{17}\})$	204000000000
10	$\mathcal{O}(4; \{10, 5^9, 2^9\})$	2097160000000000
10	$\mathcal{O}(4; \{10, 5^{14}, 2\})$	21474836400000000
10	$\mathcal{O}(4; \{10^2, 5, 2^{20}\})$	1200000000
10	$\mathcal{O}(4; \{10^2, 5^6, 2^{12}\})$	13108000000000
10	$\mathcal{O}(4; \{10^2, 5^{11}, 2^4\})$	13421772000000000
10	$\mathcal{O}(4; \{10^3, 5^3, 2^{15}\})$	820000000000
10	$\mathcal{O}(4; \{10^3, 5^8, 2^7\})$	8388600000000000
10	$\mathcal{O}(4; \{10^4, 2^{18}\})$	5200000000
10	$\mathcal{O}(4; \{10^4, 5^5, 2^{10}\})$	524280000000000
10	$\mathcal{O}(4; \{10^4, 5^{10}, 2^2\})$	5368709200000000
10	$\mathcal{O}(4; \{10^5, 5^2, 2^{13}\})$	3276000000000

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(4; \{10^5, 5^7, 2^5\})$	335544400000000
10	$\mathcal{O}(4; \{10^6, 5^4, 2^8\})$	209716000000000
10	$\mathcal{O}(4; \{10^6, 5^9\})$	21474836400000000
10	$\mathcal{O}(4; \{10^7, 5, 2^{11}\})$	131080000000000
10	$\mathcal{O}(4; \{10^7, 5^6, 2^3\})$	13421772000000000
10	$\mathcal{O}(4; \{10^8, 5^3, 2^6\})$	838860000000000
10	$\mathcal{O}(4; \{10^9, 2^9\})$	524280000000000
10	$\mathcal{O}(4; \{10^9, 5^5, 2\})$	53687092000000000
10	$\mathcal{O}(4; \{10^{10}, 5^2, 2^4\})$	335544400000000
10	$\mathcal{O}(4; \{10^{12}, 5, 2^2\})$	13421772000000000
10	$\mathcal{O}(4; \{10^{14}\})$	53687092000000000
10	$\mathcal{O}(3; \{5^2, 2^{26}\})$	4000000
10	$\mathcal{O}(3; \{5^7, 2^{18}\})$	3276000000
10	$\mathcal{O}(3; \{5^{12}, 2^{10}\})$	335544400000000
10	$\mathcal{O}(3; \{5^{17}, 2^2\})$	34359738360000000
10	$\mathcal{O}(3; \{10, 5^4, 2^{21}\})$	204000000
10	$\mathcal{O}(3; \{10, 5^9, 2^{13}\})$	209716000000
10	$\mathcal{O}(3; \{10, 5^{14}, 2^5\})$	21474836400000000
10	$\mathcal{O}(3; \{10^2, 5, 2^{24}\})$	12000000
10	$\mathcal{O}(3; \{10^2, 5^6, 2^{16}\})$	13108000000
10	$\mathcal{O}(3; \{10^2, 5^{11}, 2^8\})$	134217720000000
10	$\mathcal{O}(3; \{10^2, 5^{16}\})$	13743895348000000
10	$\mathcal{O}(3; \{10^3, 5^3, 2^{19}\})$	820000000
10	$\mathcal{O}(3; \{10^3, 5^8, 2^{11}\})$	8388600000000
10	$\mathcal{O}(3; \{10^3, 5^{13}, 2^3\})$	8589934600000000
10	$\mathcal{O}(3; \{10^4, 2^{22}\})$	52000000
10	$\mathcal{O}(3; \{10^4, 5^5, 2^{14}\})$	52428000000
10	$\mathcal{O}(3; \{10^4, 5^{10}, 2^6\})$	536870920000000
10	$\mathcal{O}(3; \{10^5, 5^2, 2^{17}\})$	3276000000
10	$\mathcal{O}(3; \{10^5, 5^7, 2^9\})$	335544400000000
10	$\mathcal{O}(3; \{10^5, 5^{12}, 2\})$	34359738360000000
10	$\mathcal{O}(3; \{10^6, 5^4, 2^{12}\})$	209716000000
10	$\mathcal{O}(3; \{10^6, 5^9, 2^4\})$	21474836400000000
10	$\mathcal{O}(3; \{10^7, 5, 2^{15}\})$	13108000000
10	$\mathcal{O}(3; \{10^7, 5^6, 2^7\})$	134217720000000
10	$\mathcal{O}(3; \{10^8, 5^3, 2^{10}\})$	8388600000000
10	$\mathcal{O}(3; \{10^8, 5^8, 2^2\})$	8589934600000000
10	$\mathcal{O}(3; \{10^9, 2^{13}\})$	52428000000
10	$\mathcal{O}(3; \{10^9, 5^5, 2^5\})$	536870920000000
10	$\mathcal{O}(3; \{10^{10}, 5^2, 2^8\})$	335544400000000
10	$\mathcal{O}(3; \{10^{10}, 5^7\})$	34359738360000000
10	$\mathcal{O}(3; \{10^{11}, 5^4, 2^3\})$	21474836400000000
10	$\mathcal{O}(3; \{10^{12}, 5, 2^6\})$	134217720000000

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(3; \{10^{13}, 5^3, 2\})$	85899346000000
10	$\mathcal{O}(3; \{10^{14}, 2^4\})$	53687092000000
10	$\mathcal{O}(2; \{5^2, 2^{30}\})$	40000
10	$\mathcal{O}(2; \{5^7, 2^{22}\})$	32760000
10	$\mathcal{O}(2; \{5^{12}, 2^{14}\})$	33554440000
10	$\mathcal{O}(2; \{5^{17}, 2^6\})$	34359738360000
10	$\mathcal{O}(2; \{10, 5^4, 2^{25}\})$	2040000
10	$\mathcal{O}(2; \{10, 5^9, 2^{17}\})$	2097160000
10	$\mathcal{O}(2; \{10, 5^{14}, 2^9\})$	2147483640000
10	$\mathcal{O}(2; \{10, 5^{19}, 2\})$	2199023255560000
10	$\mathcal{O}(2; \{10^2, 5, 2^{28}\})$	120000
10	$\mathcal{O}(2; \{10^2, 5^6, 2^{20}\})$	131080000
10	$\mathcal{O}(2; \{10^2, 5^{11}, 2^{12}\})$	134217720000
10	$\mathcal{O}(2; \{10^2, 5^{16}, 2^4\})$	137438953480000
10	$\mathcal{O}(2; \{10^3, 5^3, 2^{23}\})$	8200000
10	$\mathcal{O}(2; \{10^3, 5^8, 2^{15}\})$	8388600000
10	$\mathcal{O}(2; \{10^3, 5^{13}, 2^7\})$	85899346000000
10	$\mathcal{O}(2; \{10^4, 2^{26}\})$	520000
10	$\mathcal{O}(2; \{10^4, 5^5, 2^{18}\})$	524280000
10	$\mathcal{O}(2; \{10^4, 5^{10}, 2^{10}\})$	536870920000
10	$\mathcal{O}(2; \{10^4, 5^{15}, 2^2\})$	549755813880000
10	$\mathcal{O}(2; \{10^5, 5^2, 2^{21}\})$	32760000
10	$\mathcal{O}(2; \{10^5, 5^7, 2^{13}\})$	33554440000
10	$\mathcal{O}(2; \{10^5, 5^{12}, 2^5\})$	34359738360000
10	$\mathcal{O}(2; \{10^6, 5^4, 2^{16}\})$	2097160000
10	$\mathcal{O}(2; \{10^6, 5^9, 2^8\})$	2147483640000
10	$\mathcal{O}(2; \{10^6, 5^{14}\})$	2199023255560000
10	$\mathcal{O}(2; \{10^7, 5, 2^{19}\})$	131080000
10	$\mathcal{O}(2; \{10^7, 5^6, 2^{11}\})$	134217720000
10	$\mathcal{O}(2; \{10^7, 5^{11}, 2^3\})$	137438953480000
10	$\mathcal{O}(2; \{10^8, 5^3, 2^{14}\})$	8388600000
10	$\mathcal{O}(2; \{10^8, 5^8, 2^6\})$	85899346000000
10	$\mathcal{O}(2; \{10^9, 2^{17}\})$	524280000
10	$\mathcal{O}(2; \{10^9, 5^5, 2^9\})$	536870920000
10	$\mathcal{O}(2; \{10^9, 5^{10}, 2\})$	549755813880000
10	$\mathcal{O}(2; \{10^{10}, 5^2, 2^{12}\})$	33554440000
10	$\mathcal{O}(2; \{10^{10}, 5^7, 2^4\})$	34359738360000
10	$\mathcal{O}(2; \{10^{11}, 5^4, 2^7\})$	2147483640000
10	$\mathcal{O}(2; \{10^{12}, 5, 2^{10}\})$	134217720000
10	$\mathcal{O}(2; \{10^{12}, 5^6, 2^2\})$	137438953480000
10	$\mathcal{O}(2; \{10^{13}, 5^3, 2^5\})$	85899346000000
10	$\mathcal{O}(2; \{10^{14}, 2^8\})$	536870920000
10	$\mathcal{O}(2; \{10^{14}, 5^5\})$	549755813880000

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(2; \{10^{15}, 5^2, 2^3\})$	34359738360000
10	$\mathcal{O}(2; \{10^{17}, 5, 2\})$	137438953480000
10	$\mathcal{O}(1; \{5^2, 2^{34}\})$	400
10	$\mathcal{O}(1; \{5^7, 2^{26}\})$	327600
10	$\mathcal{O}(1; \{5^{12}, 2^{18}\})$	335544400
10	$\mathcal{O}(1; \{5^{17}, 2^{10}\})$	343597383600
10	$\mathcal{O}(1; \{5^{22}, 2^2\})$	351843720888400
10	$\mathcal{O}(1; \{10, 5^4, 2^{29}\})$	20400
10	$\mathcal{O}(1; \{10, 5^9, 2^{21}\})$	20971600
10	$\mathcal{O}(1; \{10, 5^{14}, 2^{13}\})$	21474836400
10	$\mathcal{O}(1; \{10, 5^{19}, 2^5\})$	21990232555600
10	$\mathcal{O}(1; \{10^2, 5, 2^{32}\})$	1200
10	$\mathcal{O}(1; \{10^2, 5^6, 2^{24}\})$	1310800
10	$\mathcal{O}(1; \{10^2, 5^{11}, 2^{16}\})$	1342177200
10	$\mathcal{O}(1; \{10^2, 5^{16}, 2^8\})$	1374389534800
10	$\mathcal{O}(1; \{10^2, 5^{21}\})$	1407374883553200
10	$\mathcal{O}(1; \{10^3, 5^3, 2^{27}\})$	82000
10	$\mathcal{O}(1; \{10^3, 5^8, 2^{19}\})$	83886000
10	$\mathcal{O}(1; \{10^3, 5^{13}, 2^{11}\})$	85899346000
10	$\mathcal{O}(1; \{10^3, 5^{18}, 2^3\})$	87960930222000
10	$\mathcal{O}(1; \{10^4, 2^{30}\})$	5200
10	$\mathcal{O}(1; \{10^4, 5^5, 2^{22}\})$	5242800
10	$\mathcal{O}(1; \{10^4, 5^{10}, 2^{14}\})$	5368709200
10	$\mathcal{O}(1; \{10^4, 5^{15}, 2^6\})$	5497558138800
10	$\mathcal{O}(1; \{10^5, 5^2, 2^{25}\})$	327600
10	$\mathcal{O}(1; \{10^5, 5^7, 2^{17}\})$	335544400
10	$\mathcal{O}(1; \{10^5, 5^{12}, 2^9\})$	343597383600
10	$\mathcal{O}(1; \{10^5, 5^{17}, 2\})$	351843720888400
10	$\mathcal{O}(1; \{10^6, 5^4, 2^{20}\})$	20971600
10	$\mathcal{O}(1; \{10^6, 5^9, 2^{12}\})$	21474836400
10	$\mathcal{O}(1; \{10^6, 5^{14}, 2^4\})$	21990232555600
10	$\mathcal{O}(1; \{10^7, 5, 2^{23}\})$	1310800
10	$\mathcal{O}(1; \{10^7, 5^6, 2^{15}\})$	1342177200
10	$\mathcal{O}(1; \{10^7, 5^{11}, 2^7\})$	1374389534800
10	$\mathcal{O}(1; \{10^8, 5^3, 2^{18}\})$	83886000
10	$\mathcal{O}(1; \{10^8, 5^8, 2^{10}\})$	85899346000
10	$\mathcal{O}(1; \{10^8, 5^{13}, 2^2\})$	87960930222000
10	$\mathcal{O}(1; \{10^9, 2^{21}\})$	5242800
10	$\mathcal{O}(1; \{10^9, 5^5, 2^{13}\})$	5368709200
10	$\mathcal{O}(1; \{10^9, 5^{10}, 2^5\})$	5497558138800
10	$\mathcal{O}(1; \{10^{10}, 5^2, 2^{16}\})$	335544400
10	$\mathcal{O}(1; \{10^{10}, 5^7, 2^8\})$	343597383600
10	$\mathcal{O}(1; \{10^{10}, 5^{12}\})$	351843720888400

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(1; \{10^{11}, 5^4, 2^{11}\})$	21474836400
10	$\mathcal{O}(1; \{10^{11}, 5^9, 2^3\})$	21990232555600
10	$\mathcal{O}(1; \{10^{12}, 5, 2^{14}\})$	1342177200
10	$\mathcal{O}(1; \{10^{12}, 5^6, 2^6\})$	1374389534800
10	$\mathcal{O}(1; \{10^{13}, 5^3, 2^9\})$	85899346000
10	$\mathcal{O}(1; \{10^{13}, 5^8, 2\})$	87960930222000
10	$\mathcal{O}(1; \{10^{14}, 2^{12}\})$	5368709200
10	$\mathcal{O}(1; \{10^{14}, 5^5, 2^4\})$	5497558138800
10	$\mathcal{O}(1; \{10^{15}, 5^2, 2^7\})$	343597383600
10	$\mathcal{O}(1; \{10^{16}, 5^4, 2^2\})$	21990232555600
10	$\mathcal{O}(1; \{10^{17}, 5, 2^5\})$	1374389534800
10	$\mathcal{O}(1; \{10^{18}, 5^3\})$	87960930222000
10	$\mathcal{O}(1; \{10^{19}, 2^3\})$	5497558138800
10	$\mathcal{O}(0; \{5^2, 2^{38}\})$	4
10	$\mathcal{O}(0; \{5^7, 2^{30}\})$	3276
10	$\mathcal{O}(0; \{5^{12}, 2^{22}\})$	3355444
10	$\mathcal{O}(0; \{5^{17}, 2^{14}\})$	3435973836
10	$\mathcal{O}(0; \{5^{22}, 2^6\})$	3518437208884
10	$\mathcal{O}(0; \{10, 5^4, 2^{33}\})$	204
10	$\mathcal{O}(0; \{10, 5^9, 2^{25}\})$	209716
10	$\mathcal{O}(0; \{10, 5^{14}, 2^{17}\})$	214748364
10	$\mathcal{O}(0; \{10, 5^{19}, 2^9\})$	219902325556
10	$\mathcal{O}(0; \{10, 5^{24}, 2\})$	225179981368524
10	$\mathcal{O}(0; \{10^2, 5, 2^{36}\})$	12
10	$\mathcal{O}(0; \{10^2, 5^6, 2^{28}\})$	13108
10	$\mathcal{O}(0; \{10^2, 5^{11}, 2^{20}\})$	13421772
10	$\mathcal{O}(0; \{10^2, 5^{16}, 2^{12}\})$	13743895348
10	$\mathcal{O}(0; \{10^2, 5^{21}, 2^4\})$	14073748835532
10	$\mathcal{O}(0; \{10^3, 5^3, 2^{31}\})$	820
10	$\mathcal{O}(0; \{10^3, 5^8, 2^{23}\})$	838860
10	$\mathcal{O}(0; \{10^3, 5^{13}, 2^{15}\})$	858993460
10	$\mathcal{O}(0; \{10^3, 5^{18}, 2^7\})$	879609302220
10	$\mathcal{O}(0; \{10^4, 2^{34}\})$	52
10	$\mathcal{O}(0; \{10^4, 5^5, 2^{26}\})$	52428
10	$\mathcal{O}(0; \{10^4, 5^{10}, 2^{18}\})$	53687092
10	$\mathcal{O}(0; \{10^4, 5^{15}, 2^{10}\})$	54975581388
10	$\mathcal{O}(0; \{10^4, 5^{20}, 2^2\})$	56294995342132
10	$\mathcal{O}(0; \{10^5, 5^2, 2^{29}\})$	3276
10	$\mathcal{O}(0; \{10^5, 5^7, 2^{21}\})$	3355444
10	$\mathcal{O}(0; \{10^5, 5^{12}, 2^{13}\})$	3435973836
10	$\mathcal{O}(0; \{10^5, 5^{17}, 2^5\})$	3518437208884
10	$\mathcal{O}(0; \{10^6, 5^4, 2^{24}\})$	209716
10	$\mathcal{O}(0; \{10^6, 5^9, 2^{16}\})$	214748364

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(0; \{10^6, 5^{14}, 2^8\})$	219902325556
10	$\mathcal{O}(0; \{10^6, 5^{19}\})$	225179981368524
10	$\mathcal{O}(0; \{10^7, 5, 2^{27}\})$	13108
10	$\mathcal{O}(0; \{10^7, 5^6, 2^{19}\})$	13421772
10	$\mathcal{O}(0; \{10^7, 5^{11}, 2^{11}\})$	13743895348
10	$\mathcal{O}(0; \{10^7, 5^{16}, 2^3\})$	14073748835532
10	$\mathcal{O}(0; \{10^8, 5^3, 2^{22}\})$	838860
10	$\mathcal{O}(0; \{10^8, 5^8, 2^{14}\})$	858993460
10	$\mathcal{O}(0; \{10^8, 5^{13}, 2^6\})$	879609302220
10	$\mathcal{O}(0; \{10^9, 2^{25}\})$	52428
10	$\mathcal{O}(0; \{10^9, 5^5, 2^{17}\})$	53687092
10	$\mathcal{O}(0; \{10^9, 5^{10}, 2^9\})$	54975581388
10	$\mathcal{O}(0; \{10^9, 5^{15}, 2\})$	56294995342132
10	$\mathcal{O}(0; \{10^{10}, 5^2, 2^{20}\})$	3355444
10	$\mathcal{O}(0; \{10^{10}, 5^7, 2^{12}\})$	3435973836
10	$\mathcal{O}(0; \{10^{10}, 5^{12}, 2^4\})$	3518437208884
10	$\mathcal{O}(0; \{10^{11}, 5^4, 2^{15}\})$	214748364
10	$\mathcal{O}(0; \{10^{11}, 5^9, 2^7\})$	219902325556
10	$\mathcal{O}(0; \{10^{12}, 5, 2^{18}\})$	13421772
10	$\mathcal{O}(0; \{10^{12}, 5^6, 2^{10}\})$	13743895348
10	$\mathcal{O}(0; \{10^{12}, 5^{11}, 2^2\})$	14073748835532
10	$\mathcal{O}(0; \{10^{13}, 5^3, 2^{13}\})$	858993460
10	$\mathcal{O}(0; \{10^{13}, 5^8, 2^5\})$	879609302220
10	$\mathcal{O}(0; \{10^{14}, 2^{16}\})$	53687092
10	$\mathcal{O}(0; \{10^{14}, 5^5, 2^8\})$	54975581388
10	$\mathcal{O}(0; \{10^{14}, 5^{10}\})$	56294995342132
10	$\mathcal{O}(0; \{10^{15}, 5^2, 2^{11}\})$	3435973836
10	$\mathcal{O}(0; \{10^{15}, 5^7, 2^3\})$	3518437208884
10	$\mathcal{O}(0; \{10^{16}, 5^4, 2^6\})$	219902325556
10	$\mathcal{O}(0; \{10^{17}, 5, 2^9\})$	13743895348
10	$\mathcal{O}(0; \{10^{17}, 5^6, 2\})$	14073748835532
10	$\mathcal{O}(0; \{10^{18}, 5^3, 2^4\})$	879609302220
10	$\mathcal{O}(0; \{10^{19}, 2^7\})$	54975581388
10	$\mathcal{O}(0; \{10^{20}, 5^2, 2^2\})$	3518437208884
10	$\mathcal{O}(0; \{10^{22}, 5\})$	14073748835532
11	$\mathcal{O}(4; \{11^{12}\})$	19487171000194871710
12	$\mathcal{O}(8; \{4^2\})$	369768509200138240
12	$\mathcal{O}(7; \{4^2, 2^4\})$	2567836392226816
12	$\mathcal{O}(7; \{4^2, 3^3\})$	5135673858195456
12	$\mathcal{O}(7; \{4^4, 2\})$	10271345568907264
12	$\mathcal{O}(7; \{6, 4^2, 3, 2\})$	5135673858195456
12	$\mathcal{O}(7; \{12, 4, 3^2, 2\})$	5135673858195456
12	$\mathcal{O}(7; \{12, 6, 4, 2^2\})$	5135673858195456

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(7; \{12^2, 3, 2^2\})$	5135673858195456
12	$\mathcal{O}(7; \{12^2, 6^2\})$	15407021574586368
12	$\mathcal{O}(7; \{12^3, 4\})$	20542695432781824
12	$\mathcal{O}(6; \{4^2, 2^8\})$	17832167342080
12	$\mathcal{O}(6; \{4^2, 3^3, 2^4\})$	35664401793024
12	$\mathcal{O}(6; \{4^2, 3^6\})$	392308419723264
12	$\mathcal{O}(6; \{4^4, 2^5\})$	71328669368320
12	$\mathcal{O}(6; \{4^4, 3^3, 2\})$	142657607172096
12	$\mathcal{O}(6; \{4^6, 2^2\})$	285314677473280
12	$\mathcal{O}(6; \{6, 4^2, 3, 2^5\})$	35664401793024
12	$\mathcal{O}(6; \{6, 4^2, 3^4, 2\})$	178322008965120
12	$\mathcal{O}(6; \{6, 4^4, 3, 2^2\})$	142657607172096
12	$\mathcal{O}(6; \{6^2, 4^2, 3^2, 2^2\})$	106993205379072
12	$\mathcal{O}(6; \{6^3, 4^2, 2^3\})$	35664401793024
12	$\mathcal{O}(6; \{6^3, 4^4\})$	142657607172096
12	$\mathcal{O}(6; \{6^4, 4^2, 3\})$	178322008965120
12	$\mathcal{O}(6; \{12, 4, 3^2, 2^5\})$	35664401793024
12	$\mathcal{O}(6; \{12, 4, 3^5, 2\})$	392308419723264
12	$\mathcal{O}(6; \{12, 4^3, 3^2, 2^2\})$	142657607172096
12	$\mathcal{O}(6; \{12, 6, 4, 2^6\})$	35664401793024
12	$\mathcal{O}(6; \{12, 6, 4, 3^3, 2^2\})$	178322008965120
12	$\mathcal{O}(6; \{12, 6, 4^3, 2^3\})$	142657607172096
12	$\mathcal{O}(6; \{12, 6, 4^5\})$	570630428688384
12	$\mathcal{O}(6; \{12, 6^2, 4, 3, 2^3\})$	106993205379072
12	$\mathcal{O}(6; \{12, 6^2, 4^3, 3\})$	427972821516288
12	$\mathcal{O}(6; \{12, 6^3, 4, 3^2\})$	392308419723264
12	$\mathcal{O}(6; \{12, 6^4, 4, 2\})$	178322008965120
12	$\mathcal{O}(6; \{12^2, 3, 2^6\})$	35664401793024
12	$\mathcal{O}(6; \{12^2, 3^4, 2^2\})$	392308419723264
12	$\mathcal{O}(6; \{12^2, 4^2, 3, 2^3\})$	142657607172096
12	$\mathcal{O}(6; \{12^2, 4^4, 3\})$	570630428688384
12	$\mathcal{O}(6; \{12^2, 6, 3^2, 2^3\})$	178322008965120
12	$\mathcal{O}(6; \{12^2, 6, 4^2, 3^2\})$	713288035860480
12	$\mathcal{O}(6; \{12^2, 6^2, 2^4\})$	106993205379072
12	$\mathcal{O}(6; \{12^2, 6^2, 3^3\})$	748952437653504
12	$\mathcal{O}(6; \{12^2, 6^2, 4^2, 2\})$	427972821516288
12	$\mathcal{O}(6; \{12^2, 6^3, 3, 2\})$	392308419723264
12	$\mathcal{O}(6; \{12^3, 4, 2^4\})$	142657607172096
12	$\mathcal{O}(6; \{12^3, 4, 3^3\})$	1569233678893056
12	$\mathcal{O}(6; \{12^3, 4^3, 2\})$	570630428688384
12	$\mathcal{O}(6; \{12^3, 6, 4, 3, 2\})$	713288035860480
12	$\mathcal{O}(6; \{12^4, 3^2, 2\})$	1569233678893056
12	$\mathcal{O}(6; \{12^4, 6, 2^2\})$	713288035860480

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(6; \{12^6\})$	6276934715572224
12	$\mathcal{O}(5; \{4^2, 2^{12}\})$	123832631296
12	$\mathcal{O}(5; \{4^2, 3^3, 2^8\})$	247669456896
12	$\mathcal{O}(5; \{4^2, 3^6, 2^4\})$	2724364025856
12	$\mathcal{O}(5; \{4^2, 3^9\})$	21051903836160
12	$\mathcal{O}(5; \{4^4, 2^9\})$	495330525184
12	$\mathcal{O}(5; \{4^4, 3^3, 2^5\})$	990677827584
12	$\mathcal{O}(5; \{4^4, 3^6, 2\})$	10897456103424
12	$\mathcal{O}(5; \{4^6, 2^6\})$	1981322100736
12	$\mathcal{O}(5; \{4^6, 3^3, 2^2\})$	3962711310336
12	$\mathcal{O}(5; \{4^8, 2^3\})$	7925288402944
12	$\mathcal{O}(5; \{4^{10}\})$	31701153611776
12	$\mathcal{O}(5; \{6, 4^2, 3, 2^9\})$	247669456896
12	$\mathcal{O}(5; \{6, 4^2, 3^4, 2^5\})$	1238347284480
12	$\mathcal{O}(5; \{6, 4^2, 3^7, 2\})$	10649786646528
12	$\mathcal{O}(5; \{6, 4^4, 3, 2^6\})$	990677827584
12	$\mathcal{O}(5; \{6, 4^4, 3^4, 2^2\})$	4953389137920
12	$\mathcal{O}(5; \{6, 4^6, 3, 2^3\})$	3962711310336
12	$\mathcal{O}(5; \{6, 4^8, 3\})$	15850845241344
12	$\mathcal{O}(5; \{6^2, 4^2, 3^2, 2^6\})$	743008370688
12	$\mathcal{O}(5; \{6^2, 4^2, 3^5, 2^2\})$	5201058594816
12	$\mathcal{O}(5; \{6^2, 4^4, 3^2, 2^3\})$	2972033482752
12	$\mathcal{O}(5; \{6^2, 4^6, 3^2\})$	11888133931008
12	$\mathcal{O}(5; \{6^3, 4^2, 2^7\})$	247669456896
12	$\mathcal{O}(5; \{6^3, 4^2, 3^3, 2^3\})$	2724364025856
12	$\mathcal{O}(5; \{6^3, 4^4, 2^4\})$	990677827584
12	$\mathcal{O}(5; \{6^3, 4^4, 3^3\})$	10897456103424
12	$\mathcal{O}(5; \{6^3, 4^6, 2\})$	3962711310336
12	$\mathcal{O}(5; \{6^4, 4^2, 3, 2^4\})$	1238347284480
12	$\mathcal{O}(5; \{6^4, 4^2, 3^4\})$	10649786646528
12	$\mathcal{O}(5; \{6^4, 4^4, 3, 2\})$	4953389137920
12	$\mathcal{O}(5; \{6^5, 4^2, 3^2, 2\})$	5201058594816
12	$\mathcal{O}(5; \{6^6, 4^2, 2^2\})$	2724364025856
12	$\mathcal{O}(5; \{12, 4, 3^2, 2^9\})$	247669456896
12	$\mathcal{O}(5; \{12, 4, 3^5, 2^5\})$	2724364025856
12	$\mathcal{O}(5; \{12, 4, 3^8, 2\})$	21051903836160
12	$\mathcal{O}(5; \{12, 4^3, 3^2, 2^6\})$	990677827584
12	$\mathcal{O}(5; \{12, 4^3, 3^5, 2^2\})$	10897456103424
12	$\mathcal{O}(5; \{12, 4^5, 3^2, 2^3\})$	3962711310336
12	$\mathcal{O}(5; \{12, 4^7, 3^2\})$	15850845241344
12	$\mathcal{O}(5; \{12, 6, 4, 2^{10}\})$	247669456896
12	$\mathcal{O}(5; \{12, 6, 4, 3^3, 2^6\})$	1238347284480
12	$\mathcal{O}(5; \{12, 6, 4, 3^6, 2^2\})$	10649786646528

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{12, 6, 4^3, 2^7\})$	990677827584
12	$\mathcal{O}(5; \{12, 6, 4^3, 3^3, 2^3\})$	4953389137920
12	$\mathcal{O}(5; \{12, 6, 4^5, 2^4\})$	3962711310336
12	$\mathcal{O}(5; \{12, 6, 4^5, 3^3\})$	19813556551680
12	$\mathcal{O}(5; \{12, 6, 4^7, 2\})$	15850845241344
12	$\mathcal{O}(5; \{12, 6^2, 4, 3, 2^7\})$	743008370688
12	$\mathcal{O}(5; \{12, 6^2, 4, 3^4, 2^3\})$	5201058594816
12	$\mathcal{O}(5; \{12, 6^2, 4^3, 3, 2^4\})$	2972033482752
12	$\mathcal{O}(5; \{12, 6^2, 4^3, 3^4\})$	20804234379264
12	$\mathcal{O}(5; \{12, 6^2, 4^5, 3, 2\})$	11888133931008
12	$\mathcal{O}(5; \{12, 6^3, 4, 3^2, 2^4\})$	2724364025856
12	$\mathcal{O}(5; \{12, 6^3, 4, 3^5\})$	21051903836160
12	$\mathcal{O}(5; \{12, 6^3, 4^3, 3^2, 2\})$	10897456103424
12	$\mathcal{O}(5; \{12, 6^4, 4, 2^5\})$	1238347284480
12	$\mathcal{O}(5; \{12, 6^4, 4, 3^3, 2\})$	10649786646528
12	$\mathcal{O}(5; \{12, 6^4, 4^3, 2^2\})$	4953389137920
12	$\mathcal{O}(5; \{12, 6^5, 4, 3, 2^2\})$	5201058594816
12	$\mathcal{O}(5; \{12, 6^7, 4\})$	10649786646528
12	$\mathcal{O}(5; \{12^2, 3, 2^{10}\})$	247669456896
12	$\mathcal{O}(5; \{12^2, 3^4, 2^6\})$	2724364025856
12	$\mathcal{O}(5; \{12^2, 3^7, 2^2\})$	21051903836160
12	$\mathcal{O}(5; \{12^2, 4^2, 3, 2^7\})$	990677827584
12	$\mathcal{O}(5; \{12^2, 4^2, 3^4, 2^3\})$	10897456103424
12	$\mathcal{O}(5; \{12^2, 4^4, 3, 2^4\})$	3962711310336
12	$\mathcal{O}(5; \{12^2, 4^4, 3^4\})$	43589824413696
12	$\mathcal{O}(5; \{12^2, 4^6, 3, 2\})$	15850845241344
12	$\mathcal{O}(5; \{12^2, 6, 3^2, 2^7\})$	1238347284480
12	$\mathcal{O}(5; \{12^2, 6, 3^5, 2^3\})$	10649786646528
12	$\mathcal{O}(5; \{12^2, 6, 4^2, 3^2, 2^4\})$	4953389137920
12	$\mathcal{O}(5; \{12^2, 6, 4^2, 3^5\})$	42599146586112
12	$\mathcal{O}(5; \{12^2, 6, 4^4, 3^2, 2\})$	19813556551680
12	$\mathcal{O}(5; \{12^2, 6^2, 2^8\})$	743008370688
12	$\mathcal{O}(5; \{12^2, 6^2, 3^3, 2^4\})$	5201058594816
12	$\mathcal{O}(5; \{12^2, 6^2, 3^6\})$	42351477129216
12	$\mathcal{O}(5; \{12^2, 6^2, 4^2, 2^5\})$	2972033482752
12	$\mathcal{O}(5; \{12^2, 6^2, 4^2, 3^3, 2\})$	20804234379264
12	$\mathcal{O}(5; \{12^2, 6^2, 4^4, 2^2\})$	11888133931008
12	$\mathcal{O}(5; \{12^2, 6^3, 3, 2^5\})$	2724364025856
12	$\mathcal{O}(5; \{12^2, 6^3, 3^4, 2\})$	21051903836160
12	$\mathcal{O}(5; \{12^2, 6^3, 4^2, 3, 2^2\})$	10897456103424
12	$\mathcal{O}(5; \{12^2, 6^4, 3^2, 2^2\})$	10649786646528
12	$\mathcal{O}(5; \{12^2, 6^5, 2^3\})$	5201058594816
12	$\mathcal{O}(5; \{12^2, 6^5, 4^2\})$	20804234379264

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{12^2, 6^6, 3\})$	21051903836160
12	$\mathcal{O}(5; \{12^3, 4, 2^8\})$	990677827584
12	$\mathcal{O}(5; \{12^3, 4, 3^3, 2^4\})$	10897456103424
12	$\mathcal{O}(5; \{12^3, 4, 3^6\})$	84207615344640
12	$\mathcal{O}(5; \{12^3, 4^3, 2^5\})$	3962711310336
12	$\mathcal{O}(5; \{12^3, 4^3, 3^3, 2\})$	43589824413696
12	$\mathcal{O}(5; \{12^3, 4^5, 2^2\})$	15850845241344
12	$\mathcal{O}(5; \{12^3, 6, 4, 3, 2^5\})$	4953389137920
12	$\mathcal{O}(5; \{12^3, 6, 4, 3^4, 2\})$	42599146586112
12	$\mathcal{O}(5; \{12^3, 6, 4^3, 3, 2^2\})$	19813556551680
12	$\mathcal{O}(5; \{12^3, 6^2, 4, 3^2, 2^2\})$	20804234379264
12	$\mathcal{O}(5; \{12^3, 6^3, 4, 2^3\})$	10897456103424
12	$\mathcal{O}(5; \{12^3, 6^3, 4^3\})$	43589824413696
12	$\mathcal{O}(5; \{12^3, 6^4, 4, 3\})$	42599146586112
12	$\mathcal{O}(5; \{12^4, 3^2, 2^5\})$	10897456103424
12	$\mathcal{O}(5; \{12^4, 3^5, 2\})$	84207615344640
12	$\mathcal{O}(5; \{12^4, 4^2, 3^2, 2^2\})$	43589824413696
12	$\mathcal{O}(5; \{12^4, 6, 2^6\})$	4953389137920
12	$\mathcal{O}(5; \{12^4, 6, 3^3, 2^2\})$	42599146586112
12	$\mathcal{O}(5; \{12^4, 6, 4^2, 2^3\})$	19813556551680
12	$\mathcal{O}(5; \{12^4, 6, 4^4\})$	79254226206720
12	$\mathcal{O}(5; \{12^4, 6^2, 3, 2^3\})$	20804234379264
12	$\mathcal{O}(5; \{12^4, 6^2, 4^2, 3\})$	83216937517056
12	$\mathcal{O}(5; \{12^4, 6^3, 3^2\})$	84207615344640
12	$\mathcal{O}(5; \{12^4, 6^4, 2\})$	42599146586112
12	$\mathcal{O}(5; \{12^5, 4, 3, 2^3\})$	43589824413696
12	$\mathcal{O}(5; \{12^5, 4^3, 3\})$	174359297654784
12	$\mathcal{O}(5; \{12^5, 6, 4, 3^2\})$	170396586344448
12	$\mathcal{O}(5; \{12^5, 6^2, 4, 2\})$	83216937517056
12	$\mathcal{O}(5; \{12^6, 2^4\})$	43589824413696
12	$\mathcal{O}(5; \{12^6, 3^3\})$	336830461378560
12	$\mathcal{O}(5; \{12^6, 4^2, 2\})$	174359297654784
12	$\mathcal{O}(5; \{12^6, 6, 3, 2\})$	170396586344448
12	$\mathcal{O}(4; \{4^2, 2^{16}\})$	859832320
12	$\mathcal{O}(4; \{4^2, 3^3, 2^{12}\})$	1719926784
12	$\mathcal{O}(4; \{4^2, 3^6, 2^8\})$	18919194624
12	$\mathcal{O}(4; \{4^2, 3^9, 2^4\})$	146193776640
12	$\mathcal{O}(4; \{4^2, 3^{12}\})$	1174709993472
12	$\mathcal{O}(4; \{4^4, 2^{13}\})$	3439329280
12	$\mathcal{O}(4; \{4^4, 3^3, 2^9\})$	6879707136
12	$\mathcal{O}(4; \{4^4, 3^6, 2^5\})$	75676778496
12	$\mathcal{O}(4; \{4^4, 3^9, 2\})$	584775106560
12	$\mathcal{O}(4; \{4^6, 2^{10}\})$	13757317120

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{4^6, 3^3, 2^6\})$	27518828544
12	$\mathcal{O}(4; \{4^6, 3^6, 2^2\})$	302707113984
12	$\mathcal{O}(4; \{4^8, 2^7\})$	55029268480
12	$\mathcal{O}(4; \{4^8, 3^3, 2^3\})$	110075314176
12	$\mathcal{O}(4; \{4^{10}, 2^4\})$	220117073920
12	$\mathcal{O}(4; \{4^{10}, 3^3\})$	440301256704
12	$\mathcal{O}(4; \{4^{12}, 2\})$	880468295680
12	$\mathcal{O}(4; \{6, 4^2, 3, 2^{13}\})$	1719926784
12	$\mathcal{O}(4; \{6, 4^2, 3^4, 2^9\})$	8599633920
12	$\mathcal{O}(4; \{6, 4^2, 3^7, 2^5\})$	73956851712
12	$\mathcal{O}(4; \{6, 4^2, 3^{10}, 2\})$	586495033344
12	$\mathcal{O}(4; \{6, 4^4, 3, 2^{10}\})$	6879707136
12	$\mathcal{O}(4; \{6, 4^4, 3^4, 2^6\})$	34398535680
12	$\mathcal{O}(4; \{6, 4^4, 3^7, 2^2\})$	295827406848
12	$\mathcal{O}(4; \{6, 4^6, 3, 2^7\})$	27518828544
12	$\mathcal{O}(4; \{6, 4^6, 3^4, 2^3\})$	137594142720
12	$\mathcal{O}(4; \{6, 4^8, 3, 2^4\})$	110075314176
12	$\mathcal{O}(4; \{6, 4^8, 3^4\})$	550376570880
12	$\mathcal{O}(4; \{6, 4^{10}, 3, 2\})$	440301256704
12	$\mathcal{O}(4; \{6^2, 4^2, 3^2, 2^{10}\})$	5159780352
12	$\mathcal{O}(4; \{6^2, 4^2, 3^5, 2^6\})$	36118462464
12	$\mathcal{O}(4; \{6^2, 4^2, 3^8, 2^2\})$	294107480064
12	$\mathcal{O}(4; \{6^2, 4^4, 3^2, 2^7\})$	20639121408
12	$\mathcal{O}(4; \{6^2, 4^4, 3^5, 2^3\})$	144473849856
12	$\mathcal{O}(4; \{6^2, 4^6, 3^2, 2^4\})$	82556485632
12	$\mathcal{O}(4; \{6^2, 4^6, 3^5\})$	577895399424
12	$\mathcal{O}(4; \{6^2, 4^8, 3^2, 2\})$	330225942528
12	$\mathcal{O}(4; \{6^3, 4^2, 2^{11}\})$	1719926784
12	$\mathcal{O}(4; \{6^3, 4^2, 3^3, 2^7\})$	18919194624
12	$\mathcal{O}(4; \{6^3, 4^2, 3^6, 2^3\})$	146193776640
12	$\mathcal{O}(4; \{6^3, 4^4, 2^8\})$	6879707136
12	$\mathcal{O}(4; \{6^3, 4^4, 3^3, 2^4\})$	75676778496
12	$\mathcal{O}(4; \{6^3, 4^4, 3^6\})$	584775106560
12	$\mathcal{O}(4; \{6^3, 4^6, 2^5\})$	27518828544
12	$\mathcal{O}(4; \{6^3, 4^6, 3^3, 2\})$	302707113984
12	$\mathcal{O}(4; \{6^3, 4^8, 2^2\})$	110075314176
12	$\mathcal{O}(4; \{6^4, 4^2, 3, 2^8\})$	8599633920
12	$\mathcal{O}(4; \{6^4, 4^2, 3^4, 2^4\})$	73956851712
12	$\mathcal{O}(4; \{6^4, 4^2, 3^7\})$	586495033344
12	$\mathcal{O}(4; \{6^4, 4^4, 3, 2^5\})$	34398535680
12	$\mathcal{O}(4; \{6^4, 4^4, 3^4, 2\})$	295827406848
12	$\mathcal{O}(4; \{6^4, 4^6, 3, 2^2\})$	137594142720
12	$\mathcal{O}(4; \{6^5, 4^2, 3^2, 2^5\})$	36118462464

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{6^5, 4^2, 3^5, 2\})$	294107480064
12	$\mathcal{O}(4; \{6^5, 4^4, 3^2, 2^2\})$	144473849856
12	$\mathcal{O}(4; \{6^6, 4^2, 2^6\})$	18919194624
12	$\mathcal{O}(4; \{6^6, 4^2, 3^3, 2^2\})$	146193776640
12	$\mathcal{O}(4; \{6^6, 4^4, 2^3\})$	75676778496
12	$\mathcal{O}(4; \{6^6, 4^6\})$	302707113984
12	$\mathcal{O}(4; \{6^7, 4^2, 3, 2^3\})$	73956851712
12	$\mathcal{O}(4; \{6^7, 4^4, 3\})$	295827406848
12	$\mathcal{O}(4; \{6^8, 4^2, 3^2\})$	294107480064
12	$\mathcal{O}(4; \{6^9, 4^2, 2\})$	146193776640
12	$\mathcal{O}(4; \{12, 4, 3^2, 2^{13}\})$	1719926784
12	$\mathcal{O}(4; \{12, 4, 3^5, 2^9\})$	18919194624
12	$\mathcal{O}(4; \{12, 4, 3^8, 2^5\})$	146193776640
12	$\mathcal{O}(4; \{12, 4, 3^{11}, 2\})$	1174709993472
12	$\mathcal{O}(4; \{12, 4^3, 3^2, 2^{10}\})$	6879707136
12	$\mathcal{O}(4; \{12, 4^3, 3^5, 2^6\})$	75676778496
12	$\mathcal{O}(4; \{12, 4^3, 3^8, 2^2\})$	584775106560
12	$\mathcal{O}(4; \{12, 4^5, 3^2, 2^7\})$	27518828544
12	$\mathcal{O}(4; \{12, 4^5, 3^5, 2^3\})$	302707113984
12	$\mathcal{O}(4; \{12, 4^7, 3^2, 2^4\})$	110075314176
12	$\mathcal{O}(4; \{12, 4^7, 3^5\})$	1210828455936
12	$\mathcal{O}(4; \{12, 4^9, 3^2, 2\})$	440301256704
12	$\mathcal{O}(4; \{12, 6, 4, 2^{14}\})$	1719926784
12	$\mathcal{O}(4; \{12, 6, 4, 3^3, 2^{10}\})$	8599633920
12	$\mathcal{O}(4; \{12, 6, 4, 3^6, 2^6\})$	73956851712
12	$\mathcal{O}(4; \{12, 6, 4, 3^9, 2^2\})$	586495033344
12	$\mathcal{O}(4; \{12, 6, 4^3, 2^{11}\})$	6879707136
12	$\mathcal{O}(4; \{12, 6, 4^3, 3^3, 2^7\})$	34398535680
12	$\mathcal{O}(4; \{12, 6, 4^3, 3^6, 2^3\})$	295827406848
12	$\mathcal{O}(4; \{12, 6, 4^5, 2^8\})$	27518828544
12	$\mathcal{O}(4; \{12, 6, 4^5, 3^3, 2^4\})$	137594142720
12	$\mathcal{O}(4; \{12, 6, 4^5, 3^6\})$	1183309627392
12	$\mathcal{O}(4; \{12, 6, 4^7, 2^5\})$	110075314176
12	$\mathcal{O}(4; \{12, 6, 4^7, 3^3, 2\})$	550376570880
12	$\mathcal{O}(4; \{12, 6, 4^9, 2^2\})$	440301256704
12	$\mathcal{O}(4; \{12, 6^2, 4, 3, 2^{11}\})$	5159780352
12	$\mathcal{O}(4; \{12, 6^2, 4, 3^4, 2^7\})$	36118462464
12	$\mathcal{O}(4; \{12, 6^2, 4, 3^7, 2^3\})$	294107480064
12	$\mathcal{O}(4; \{12, 6^2, 4^3, 3, 2^8\})$	20639121408
12	$\mathcal{O}(4; \{12, 6^2, 4^3, 3^4, 2^4\})$	144473849856
12	$\mathcal{O}(4; \{12, 6^2, 4^3, 3^7\})$	1176429920256
12	$\mathcal{O}(4; \{12, 6^2, 4^5, 3, 2^5\})$	82556485632
12	$\mathcal{O}(4; \{12, 6^2, 4^5, 3^4, 2\})$	577895399424

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12, 6^2, 4^7, 3, 2^2\})$	330225942528
12	$\mathcal{O}(4; \{12, 6^3, 4, 3^2, 2^8\})$	18919194624
12	$\mathcal{O}(4; \{12, 6^3, 4, 3^5, 2^4\})$	146193776640
12	$\mathcal{O}(4; \{12, 6^3, 4, 3^8\})$	1174709993472
12	$\mathcal{O}(4; \{12, 6^3, 4^3, 3^2, 2^5\})$	75676778496
12	$\mathcal{O}(4; \{12, 6^3, 4^3, 3^5, 2\})$	584775106560
12	$\mathcal{O}(4; \{12, 6^3, 4^5, 3^2, 2^2\})$	302707113984
12	$\mathcal{O}(4; \{12, 6^4, 4, 2^9\})$	8599633920
12	$\mathcal{O}(4; \{12, 6^4, 4, 3^3, 2^5\})$	73956851712
12	$\mathcal{O}(4; \{12, 6^4, 4, 3^6, 2\})$	586495033344
12	$\mathcal{O}(4; \{12, 6^4, 4^3, 2^6\})$	34398535680
12	$\mathcal{O}(4; \{12, 6^4, 4^3, 3^3, 2^2\})$	295827406848
12	$\mathcal{O}(4; \{12, 6^4, 4^5, 2^3\})$	137594142720
12	$\mathcal{O}(4; \{12, 6^4, 4^7\})$	550376570880
12	$\mathcal{O}(4; \{12, 6^5, 4, 3, 2^6\})$	36118462464
12	$\mathcal{O}(4; \{12, 6^5, 4, 3^4, 2^2\})$	294107480064
12	$\mathcal{O}(4; \{12, 6^5, 4^3, 3, 2^3\})$	144473849856
12	$\mathcal{O}(4; \{12, 6^5, 4^5, 3\})$	577895399424
12	$\mathcal{O}(4; \{12, 6^6, 4, 3^2, 2^3\})$	146193776640
12	$\mathcal{O}(4; \{12, 6^6, 4^3, 3^2\})$	584775106560
12	$\mathcal{O}(4; \{12, 6^7, 4, 2^4\})$	73956851712
12	$\mathcal{O}(4; \{12, 6^7, 4, 3^3\})$	586495033344
12	$\mathcal{O}(4; \{12, 6^7, 4^3, 2\})$	295827406848
12	$\mathcal{O}(4; \{12, 6^8, 4, 3, 2\})$	294107480064
12	$\mathcal{O}(4; \{12^2, 3, 2^{14}\})$	1719926784
12	$\mathcal{O}(4; \{12^2, 3^4, 2^{10}\})$	18919194624
12	$\mathcal{O}(4; \{12^2, 3^7, 2^6\})$	146193776640
12	$\mathcal{O}(4; \{12^2, 3^{10}, 2^2\})$	1174709993472
12	$\mathcal{O}(4; \{12^2, 4^2, 3, 2^{11}\})$	6879707136
12	$\mathcal{O}(4; \{12^2, 4^2, 3^4, 2^7\})$	75676778496
12	$\mathcal{O}(4; \{12^2, 4^2, 3^7, 2^3\})$	584775106560
12	$\mathcal{O}(4; \{12^2, 4^4, 3, 2^8\})$	27518828544
12	$\mathcal{O}(4; \{12^2, 4^4, 3^4, 2^4\})$	302707113984
12	$\mathcal{O}(4; \{12^2, 4^4, 3^7\})$	2339100426240
12	$\mathcal{O}(4; \{12^2, 4^6, 3, 2^5\})$	110075314176
12	$\mathcal{O}(4; \{12^2, 4^6, 3^4, 2\})$	1210828455936
12	$\mathcal{O}(4; \{12^2, 4^8, 3, 2^2\})$	440301256704
12	$\mathcal{O}(4; \{12^2, 6, 3^2, 2^{11}\})$	8599633920
12	$\mathcal{O}(4; \{12^2, 6, 3^5, 2^7\})$	73956851712
12	$\mathcal{O}(4; \{12^2, 6, 3^8, 2^3\})$	586495033344
12	$\mathcal{O}(4; \{12^2, 6, 4^2, 3^2, 2^8\})$	34398535680
12	$\mathcal{O}(4; \{12^2, 6, 4^2, 3^5, 2^4\})$	295827406848
12	$\mathcal{O}(4; \{12^2, 6, 4^2, 3^8\})$	2345980133376

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^2, 6, 4^4, 3^2, 2^5\})$	137594142720
12	$\mathcal{O}(4; \{12^2, 6, 4^4, 3^5, 2\})$	1183309627392
12	$\mathcal{O}(4; \{12^2, 6, 4^6, 3^2, 2^2\})$	550376570880
12	$\mathcal{O}(4; \{12^2, 6^2, 2^{12}\})$	5159780352
12	$\mathcal{O}(4; \{12^2, 6^2, 3^3, 2^8\})$	36118462464
12	$\mathcal{O}(4; \{12^2, 6^2, 3^6, 2^4\})$	294107480064
12	$\mathcal{O}(4; \{12^2, 6^2, 3^9\})$	2347700060160
12	$\mathcal{O}(4; \{12^2, 6^2, 4^2, 2^9\})$	20639121408
12	$\mathcal{O}(4; \{12^2, 6^2, 4^2, 3^3, 2^5\})$	144473849856
12	$\mathcal{O}(4; \{12^2, 6^2, 4^2, 3^6, 2\})$	1176429920256
12	$\mathcal{O}(4; \{12^2, 6^2, 4^4, 2^6\})$	82556485632
12	$\mathcal{O}(4; \{12^2, 6^2, 4^4, 3^3, 2^2\})$	577895399424
12	$\mathcal{O}(4; \{12^2, 6^2, 4^6, 2^3\})$	330225942528
12	$\mathcal{O}(4; \{12^2, 6^2, 4^8\})$	1320903770112
12	$\mathcal{O}(4; \{12^2, 6^3, 3, 2^9\})$	18919194624
12	$\mathcal{O}(4; \{12^2, 6^3, 3^4, 2^5\})$	146193776640
12	$\mathcal{O}(4; \{12^2, 6^3, 3^7, 2\})$	1174709993472
12	$\mathcal{O}(4; \{12^2, 6^3, 4^2, 3, 2^6\})$	75676778496
12	$\mathcal{O}(4; \{12^2, 6^3, 4^2, 3^4, 2^2\})$	584775106560
12	$\mathcal{O}(4; \{12^2, 6^3, 4^4, 3, 2^3\})$	302707113984
12	$\mathcal{O}(4; \{12^2, 6^3, 4^6, 3\})$	1210828455936
12	$\mathcal{O}(4; \{12^2, 6^4, 3^2, 2^6\})$	73956851712
12	$\mathcal{O}(4; \{12^2, 6^4, 3^5, 2^2\})$	586495033344
12	$\mathcal{O}(4; \{12^2, 6^4, 4^2, 3^2, 2^3\})$	295827406848
12	$\mathcal{O}(4; \{12^2, 6^4, 4^4, 3^2\})$	1183309627392
12	$\mathcal{O}(4; \{12^2, 6^5, 2^7\})$	36118462464
12	$\mathcal{O}(4; \{12^2, 6^5, 3^3, 2^3\})$	294107480064
12	$\mathcal{O}(4; \{12^2, 6^5, 4^2, 2^4\})$	144473849856
12	$\mathcal{O}(4; \{12^2, 6^5, 4^2, 3^3\})$	1176429920256
12	$\mathcal{O}(4; \{12^2, 6^5, 4^4, 2\})$	577895399424
12	$\mathcal{O}(4; \{12^2, 6^6, 3, 2^4\})$	146193776640
12	$\mathcal{O}(4; \{12^2, 6^6, 3^4\})$	1174709993472
12	$\mathcal{O}(4; \{12^2, 6^6, 4^2, 3, 2\})$	584775106560
12	$\mathcal{O}(4; \{12^2, 6^7, 3^2, 2\})$	586495033344
12	$\mathcal{O}(4; \{12^2, 6^8, 2^2\})$	294107480064
12	$\mathcal{O}(4; \{12^3, 4, 2^{12}\})$	6879707136
12	$\mathcal{O}(4; \{12^3, 4, 3^3, 2^8\})$	75676778496
12	$\mathcal{O}(4; \{12^3, 4, 3^6, 2^4\})$	584775106560
12	$\mathcal{O}(4; \{12^3, 4, 3^9\})$	4698839973888
12	$\mathcal{O}(4; \{12^3, 4^3, 2^9\})$	27518828544
12	$\mathcal{O}(4; \{12^3, 4^3, 3^3, 2^5\})$	302707113984
12	$\mathcal{O}(4; \{12^3, 4^3, 3^6, 2\})$	2339100426240
12	$\mathcal{O}(4; \{12^3, 4^5, 2^6\})$	110075314176

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^3, 4^5, 3^3, 2^2\})$	1210828455936
12	$\mathcal{O}(4; \{12^3, 4^7, 2^3\})$	440301256704
12	$\mathcal{O}(4; \{12^3, 4^9\})$	1761205026816
12	$\mathcal{O}(4; \{12^3, 6, 4, 3, 2^9\})$	34398535680
12	$\mathcal{O}(4; \{12^3, 6, 4, 3^4, 2^5\})$	295827406848
12	$\mathcal{O}(4; \{12^3, 6, 4, 3^7, 2\})$	2345980133376
12	$\mathcal{O}(4; \{12^3, 6, 4^3, 3, 2^6\})$	137594142720
12	$\mathcal{O}(4; \{12^3, 6, 4^3, 3^4, 2^2\})$	1183309627392
12	$\mathcal{O}(4; \{12^3, 6, 4^5, 3, 2^3\})$	550376570880
12	$\mathcal{O}(4; \{12^3, 6, 4^7, 3\})$	2201506283520
12	$\mathcal{O}(4; \{12^3, 6^2, 4, 3^2, 2^6\})$	144473849856
12	$\mathcal{O}(4; \{12^3, 6^2, 4, 3^5, 2^2\})$	1176429920256
12	$\mathcal{O}(4; \{12^3, 6^2, 4^3, 3^2, 2^3\})$	577895399424
12	$\mathcal{O}(4; \{12^3, 6^2, 4^5, 3^2\})$	2311581597696
12	$\mathcal{O}(4; \{12^3, 6^3, 4, 2^7\})$	75676778496
12	$\mathcal{O}(4; \{12^3, 6^3, 4, 3^3, 2^3\})$	584775106560
12	$\mathcal{O}(4; \{12^3, 6^3, 4^3, 2^4\})$	302707113984
12	$\mathcal{O}(4; \{12^3, 6^3, 4^3, 3^3\})$	2339100426240
12	$\mathcal{O}(4; \{12^3, 6^3, 4^5, 2\})$	1210828455936
12	$\mathcal{O}(4; \{12^3, 6^4, 4, 3, 2^4\})$	295827406848
12	$\mathcal{O}(4; \{12^3, 6^4, 4, 3^4\})$	2345980133376
12	$\mathcal{O}(4; \{12^3, 6^4, 4^3, 3, 2\})$	1183309627392
12	$\mathcal{O}(4; \{12^3, 6^5, 4, 3^2, 2\})$	1176429920256
12	$\mathcal{O}(4; \{12^3, 6^6, 4, 2^2\})$	584775106560
12	$\mathcal{O}(4; \{12^4, 3^2, 2^9\})$	75676778496
12	$\mathcal{O}(4; \{12^4, 3^5, 2^5\})$	584775106560
12	$\mathcal{O}(4; \{12^4, 3^8, 2\})$	4698839973888
12	$\mathcal{O}(4; \{12^4, 4^2, 3^2, 2^6\})$	302707113984
12	$\mathcal{O}(4; \{12^4, 4^2, 3^5, 2^2\})$	2339100426240
12	$\mathcal{O}(4; \{12^4, 4^4, 3^2, 2^3\})$	1210828455936
12	$\mathcal{O}(4; \{12^4, 4^6, 3^2\})$	4843313823744
12	$\mathcal{O}(4; \{12^4, 6, 2^{10}\})$	34398535680
12	$\mathcal{O}(4; \{12^4, 6, 3^3, 2^6\})$	295827406848
12	$\mathcal{O}(4; \{12^4, 6, 3^6, 2^2\})$	2345980133376
12	$\mathcal{O}(4; \{12^4, 6, 4^2, 2^7\})$	137594142720
12	$\mathcal{O}(4; \{12^4, 6, 4^2, 3^3, 2^3\})$	1183309627392
12	$\mathcal{O}(4; \{12^4, 6, 4^4, 2^4\})$	550376570880
12	$\mathcal{O}(4; \{12^4, 6, 4^4, 3^3\})$	4733238509568
12	$\mathcal{O}(4; \{12^4, 6, 4^6, 2\})$	2201506283520
12	$\mathcal{O}(4; \{12^4, 6^2, 3, 2^7\})$	144473849856
12	$\mathcal{O}(4; \{12^4, 6^2, 3^4, 2^3\})$	1176429920256
12	$\mathcal{O}(4; \{12^4, 6^2, 4^2, 3, 2^4\})$	577895399424
12	$\mathcal{O}(4; \{12^4, 6^2, 4^2, 3^4\})$	4705719681024

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^4, 6^2, 4^4, 3, 2\})$	2311581597696
12	$\mathcal{O}(4; \{12^4, 6^3, 3^2, 2^4\})$	584775106560
12	$\mathcal{O}(4; \{12^4, 6^3, 3^5\})$	4698839973888
12	$\mathcal{O}(4; \{12^4, 6^3, 4^2, 3^2, 2\})$	2339100426240
12	$\mathcal{O}(4; \{12^4, 6^4, 2^5\})$	295827406848
12	$\mathcal{O}(4; \{12^4, 6^4, 3^3, 2\})$	2345980133376
12	$\mathcal{O}(4; \{12^4, 6^4, 4^2, 2^2\})$	1183309627392
12	$\mathcal{O}(4; \{12^4, 6^5, 3, 2^2\})$	1176429920256
12	$\mathcal{O}(4; \{12^4, 6^7\})$	2345980133376
12	$\mathcal{O}(4; \{12^5, 4, 3, 2^7\})$	302707113984
12	$\mathcal{O}(4; \{12^5, 4, 3^4, 2^3\})$	2339100426240
12	$\mathcal{O}(4; \{12^5, 4^3, 3, 2^4\})$	1210828455936
12	$\mathcal{O}(4; \{12^5, 4^3, 3^4\})$	9356401704960
12	$\mathcal{O}(4; \{12^5, 4^5, 3, 2\})$	4843313823744
12	$\mathcal{O}(4; \{12^5, 6, 4, 3^2, 2^4\})$	1183309627392
12	$\mathcal{O}(4; \{12^5, 6, 4, 3^5\})$	9383920533504
12	$\mathcal{O}(4; \{12^5, 6, 4^3, 3^2, 2\})$	4733238509568
12	$\mathcal{O}(4; \{12^5, 6^2, 4, 2^5\})$	577895399424
12	$\mathcal{O}(4; \{12^5, 6^2, 4, 3^3, 2\})$	4705719681024
12	$\mathcal{O}(4; \{12^5, 6^2, 4^3, 2^2\})$	2311581597696
12	$\mathcal{O}(4; \{12^5, 6^3, 4, 3, 2^2\})$	2339100426240
12	$\mathcal{O}(4; \{12^5, 6^5, 4\})$	4705719681024
12	$\mathcal{O}(4; \{12^6, 2^8\})$	302707113984
12	$\mathcal{O}(4; \{12^6, 3^3, 2^4\})$	2339100426240
12	$\mathcal{O}(4; \{12^6, 3^6\})$	18795359895552
12	$\mathcal{O}(4; \{12^6, 4^2, 2^5\})$	1210828455936
12	$\mathcal{O}(4; \{12^6, 4^2, 3^3, 2\})$	9356401704960
12	$\mathcal{O}(4; \{12^6, 4^4, 2^2\})$	4843313823744
12	$\mathcal{O}(4; \{12^6, 6, 3, 2^5\})$	1183309627392
12	$\mathcal{O}(4; \{12^6, 6, 3^4, 2\})$	9383920533504
12	$\mathcal{O}(4; \{12^6, 6, 4^2, 3, 2^2\})$	4733238509568
12	$\mathcal{O}(4; \{12^6, 6^2, 3^2, 2^2\})$	4705719681024
12	$\mathcal{O}(4; \{12^6, 6^3, 2^3\})$	2339100426240
12	$\mathcal{O}(4; \{12^6, 6^3, 4^2\})$	9356401704960
12	$\mathcal{O}(4; \{12^6, 6^4, 3\})$	9383920533504
12	$\mathcal{O}(4; \{12^7, 4, 3^2, 2^2\})$	9356401704960
12	$\mathcal{O}(4; \{12^7, 6, 4, 2^3\})$	4733238509568
12	$\mathcal{O}(4; \{12^7, 6, 4^3\})$	18932954038272
12	$\mathcal{O}(4; \{12^7, 6^2, 4, 3\})$	18822878724096
12	$\mathcal{O}(4; \{12^8, 3, 2^3\})$	9356401704960
12	$\mathcal{O}(4; \{12^8, 4^2, 3\})$	37425606819840
12	$\mathcal{O}(4; \{12^8, 6, 3^2\})$	37535682134016
12	$\mathcal{O}(4; \{12^8, 6^2, 2\})$	18822878724096

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^9, 4, 2\})$	37425606819840
12	$\mathcal{O}(3; \{4^2, 2^{20}\})$	5963776
12	$\mathcal{O}(3; \{4^2, 3^3, 2^{16}\})$	11943936
12	$\mathcal{O}(3; \{4^2, 3^6, 2^{12}\})$	131383296
12	$\mathcal{O}(3; \{4^2, 3^9, 2^8\})$	1015234560
12	$\mathcal{O}(3; \{4^2, 3^{12}, 2^4\})$	8157708288
12	$\mathcal{O}(3; \{4^2, 3^{15}\})$	65225834496
12	$\mathcal{O}(3; \{4^4, 2^{17}\})$	23855104
12	$\mathcal{O}(3; \{4^4, 3^3, 2^{13}\})$	47775744
12	$\mathcal{O}(3; \{4^4, 3^6, 2^9\})$	525533184
12	$\mathcal{O}(3; \{4^4, 3^9, 2^5\})$	4060938240
12	$\mathcal{O}(3; \{4^4, 3^{12}, 2\})$	32630833152
12	$\mathcal{O}(3; \{4^6, 2^{14}\})$	95420416
12	$\mathcal{O}(3; \{4^6, 3^3, 2^{10}\})$	191102976
12	$\mathcal{O}(3; \{4^6, 3^6, 2^6\})$	2102132736
12	$\mathcal{O}(3; \{4^6, 3^9, 2^2\})$	16243752960
12	$\mathcal{O}(3; \{4^8, 2^{11}\})$	381681664
12	$\mathcal{O}(3; \{4^8, 3^3, 2^7\})$	764411904
12	$\mathcal{O}(3; \{4^8, 3^6, 2^3\})$	8408530944
12	$\mathcal{O}(3; \{4^{10}, 2^8\})$	1526726656
12	$\mathcal{O}(3; \{4^{10}, 3^3, 2^4\})$	3057647616
12	$\mathcal{O}(3; \{4^{10}, 3^6\})$	33634123776
12	$\mathcal{O}(3; \{4^{12}, 2^5\})$	6106906624
12	$\mathcal{O}(3; \{4^{12}, 3^3, 2\})$	12230590464
12	$\mathcal{O}(3; \{4^{14}, 2^2\})$	24427626496
12	$\mathcal{O}(3; \{6, 4^2, 3, 2^{17}\})$	11943936
12	$\mathcal{O}(3; \{6, 4^2, 3^4, 2^{13}\})$	59719680
12	$\mathcal{O}(3; \{6, 4^2, 3^7, 2^9\})$	513589248
12	$\mathcal{O}(3; \{6, 4^2, 3^{10}, 2^5\})$	4072882176
12	$\mathcal{O}(3; \{6, 4^2, 3^{13}, 2\})$	32618889216
12	$\mathcal{O}(3; \{6, 4^4, 3, 2^{14}\})$	47775744
12	$\mathcal{O}(3; \{6, 4^4, 3^4, 2^{10}\})$	238878720
12	$\mathcal{O}(3; \{6, 4^4, 3^7, 2^6\})$	2054356992
12	$\mathcal{O}(3; \{6, 4^4, 3^{10}, 2^2\})$	16291528704
12	$\mathcal{O}(3; \{6, 4^6, 3, 2^{11}\})$	191102976
12	$\mathcal{O}(3; \{6, 4^6, 3^4, 2^7\})$	955514880
12	$\mathcal{O}(3; \{6, 4^6, 3^7, 2^3\})$	8217427968
12	$\mathcal{O}(3; \{6, 4^8, 3, 2^8\})$	764411904
12	$\mathcal{O}(3; \{6, 4^8, 3^4, 2^4\})$	3822059520
12	$\mathcal{O}(3; \{6, 4^8, 3^7\})$	32869711872
12	$\mathcal{O}(3; \{6, 4^{10}, 3, 2^5\})$	3057647616
12	$\mathcal{O}(3; \{6, 4^{10}, 3^4, 2\})$	15288238080
12	$\mathcal{O}(3; \{6, 4^{12}, 3, 2^2\})$	12230590464

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{6^2, 4^2, 3^2, 2^{14}\})$	35831808
12	$\mathcal{O}(3; \{6^2, 4^2, 3^5, 2^{10}\})$	250822656
12	$\mathcal{O}(3; \{6^2, 4^2, 3^8, 2^6\})$	2042413056
12	$\mathcal{O}(3; \{6^2, 4^2, 3^{11}, 2^2\})$	16303472640
12	$\mathcal{O}(3; \{6^2, 4^4, 3^2, 2^{11}\})$	143327232
12	$\mathcal{O}(3; \{6^2, 4^4, 3^5, 2^7\})$	1003290624
12	$\mathcal{O}(3; \{6^2, 4^4, 3^8, 2^3\})$	8169652224
12	$\mathcal{O}(3; \{6^2, 4^6, 3^2, 2^8\})$	573308928
12	$\mathcal{O}(3; \{6^2, 4^6, 3^5, 2^4\})$	4013162496
12	$\mathcal{O}(3; \{6^2, 4^6, 3^8\})$	32678608896
12	$\mathcal{O}(3; \{6^2, 4^8, 3^2, 2^5\})$	2293235712
12	$\mathcal{O}(3; \{6^2, 4^8, 3^5, 2\})$	16052649984
12	$\mathcal{O}(3; \{6^2, 4^{10}, 3^2, 2^2\})$	9172942848
12	$\mathcal{O}(3; \{6^3, 4^2, 2^{15}\})$	11943936
12	$\mathcal{O}(3; \{6^3, 4^2, 3^3, 2^{11}\})$	131383296
12	$\mathcal{O}(3; \{6^3, 4^2, 3^6, 2^7\})$	1015234560
12	$\mathcal{O}(3; \{6^3, 4^2, 3^9, 2^3\})$	8157708288
12	$\mathcal{O}(3; \{6^3, 4^4, 2^{12}\})$	47775744
12	$\mathcal{O}(3; \{6^3, 4^4, 3^3, 2^8\})$	525533184
12	$\mathcal{O}(3; \{6^3, 4^4, 3^6, 2^4\})$	4060938240
12	$\mathcal{O}(3; \{6^3, 4^4, 3^9\})$	32630833152
12	$\mathcal{O}(3; \{6^3, 4^6, 2^9\})$	191102976
12	$\mathcal{O}(3; \{6^3, 4^6, 3^3, 2^5\})$	2102132736
12	$\mathcal{O}(3; \{6^3, 4^6, 3^6, 2\})$	16243752960
12	$\mathcal{O}(3; \{6^3, 4^8, 2^6\})$	764411904
12	$\mathcal{O}(3; \{6^3, 4^8, 3^3, 2^2\})$	8408530944
12	$\mathcal{O}(3; \{6^3, 4^{10}, 2^3\})$	3057647616
12	$\mathcal{O}(3; \{6^3, 4^{12}\})$	12230590464
12	$\mathcal{O}(3; \{6^4, 4^2, 3, 2^{12}\})$	59719680
12	$\mathcal{O}(3; \{6^4, 4^2, 3^4, 2^8\})$	513589248
12	$\mathcal{O}(3; \{6^4, 4^2, 3^7, 2^4\})$	4072882176
12	$\mathcal{O}(3; \{6^4, 4^2, 3^{10}\})$	32618889216
12	$\mathcal{O}(3; \{6^4, 4^4, 3, 2^9\})$	238878720
12	$\mathcal{O}(3; \{6^4, 4^4, 3^4, 2^5\})$	2054356992
12	$\mathcal{O}(3; \{6^4, 4^4, 3^7, 2\})$	16291528704
12	$\mathcal{O}(3; \{6^4, 4^6, 3, 2^6\})$	955514880
12	$\mathcal{O}(3; \{6^4, 4^6, 3^4, 2^2\})$	8217427968
12	$\mathcal{O}(3; \{6^4, 4^8, 3, 2^3\})$	3822059520
12	$\mathcal{O}(3; \{6^4, 4^{10}, 3\})$	15288238080
12	$\mathcal{O}(3; \{6^5, 4^2, 3^2, 2^9\})$	250822656
12	$\mathcal{O}(3; \{6^5, 4^2, 3^5, 2^5\})$	2042413056
12	$\mathcal{O}(3; \{6^5, 4^2, 3^8, 2\})$	16303472640
12	$\mathcal{O}(3; \{6^5, 4^4, 3^2, 2^6\})$	1003290624

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{6^5, 4^4, 3^5, 2^2\})$	8169652224
12	$\mathcal{O}(3; \{6^5, 4^6, 3^2, 2^3\})$	4013162496
12	$\mathcal{O}(3; \{6^5, 4^8, 3^2\})$	16052649984
12	$\mathcal{O}(3; \{6^6, 4^2, 2^{10}\})$	131383296
12	$\mathcal{O}(3; \{6^6, 4^2, 3^3, 2^6\})$	1015234560
12	$\mathcal{O}(3; \{6^6, 4^2, 3^6, 2^2\})$	8157708288
12	$\mathcal{O}(3; \{6^6, 4^4, 2^7\})$	525533184
12	$\mathcal{O}(3; \{6^6, 4^4, 3^3, 2^3\})$	4060938240
12	$\mathcal{O}(3; \{6^6, 4^6, 2^4\})$	2102132736
12	$\mathcal{O}(3; \{6^6, 4^6, 3^3\})$	16243752960
12	$\mathcal{O}(3; \{6^6, 4^8, 2\})$	8408530944
12	$\mathcal{O}(3; \{6^7, 4^2, 3, 2^7\})$	513589248
12	$\mathcal{O}(3; \{6^7, 4^2, 3^4, 2^3\})$	4072882176
12	$\mathcal{O}(3; \{6^7, 4^4, 3, 2^4\})$	2054356992
12	$\mathcal{O}(3; \{6^7, 4^4, 3^4\})$	16291528704
12	$\mathcal{O}(3; \{6^7, 4^6, 3, 2\})$	8217427968
12	$\mathcal{O}(3; \{6^8, 4^2, 3^2, 2^4\})$	2042413056
12	$\mathcal{O}(3; \{6^8, 4^2, 3^5\})$	16303472640
12	$\mathcal{O}(3; \{6^8, 4^4, 3^2, 2\})$	8169652224
12	$\mathcal{O}(3; \{6^9, 4^2, 2^5\})$	1015234560
12	$\mathcal{O}(3; \{6^9, 4^2, 3^3, 2\})$	8157708288
12	$\mathcal{O}(3; \{6^9, 4^4, 2^2\})$	4060938240
12	$\mathcal{O}(3; \{6^{10}, 4^2, 3, 2^2\})$	4072882176
12	$\mathcal{O}(3; \{6^{12}, 4^2\})$	8157708288
12	$\mathcal{O}(3; \{12, 4, 3^2, 2^{17}\})$	11943936
12	$\mathcal{O}(3; \{12, 4, 3^5, 2^{13}\})$	131383296
12	$\mathcal{O}(3; \{12, 4, 3^8, 2^9\})$	1015234560
12	$\mathcal{O}(3; \{12, 4, 3^{11}, 2^5\})$	8157708288
12	$\mathcal{O}(3; \{12, 4, 3^{14}, 2\})$	65225834496
12	$\mathcal{O}(3; \{12, 4^3, 3^2, 2^{14}\})$	47775744
12	$\mathcal{O}(3; \{12, 4^3, 3^5, 2^{10}\})$	525533184
12	$\mathcal{O}(3; \{12, 4^3, 3^8, 2^6\})$	4060938240
12	$\mathcal{O}(3; \{12, 4^3, 3^{11}, 2^2\})$	32630833152
12	$\mathcal{O}(3; \{12, 4^5, 3^2, 2^{11}\})$	191102976
12	$\mathcal{O}(3; \{12, 4^5, 3^5, 2^7\})$	2102132736
12	$\mathcal{O}(3; \{12, 4^5, 3^8, 2^3\})$	16243752960
12	$\mathcal{O}(3; \{12, 4^7, 3^2, 2^8\})$	764411904
12	$\mathcal{O}(3; \{12, 4^7, 3^5, 2^4\})$	8408530944
12	$\mathcal{O}(3; \{12, 4^7, 3^8\})$	64975011840
12	$\mathcal{O}(3; \{12, 4^9, 3^2, 2^5\})$	3057647616
12	$\mathcal{O}(3; \{12, 4^9, 3^5, 2\})$	33634123776
12	$\mathcal{O}(3; \{12, 4^{11}, 3^2, 2^2\})$	12230590464
12	$\mathcal{O}(3; \{12, 6, 4, 2^{18}\})$	11943936

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12, 6, 4, 3^3, 2^{14}\})$	59719680
12	$\mathcal{O}(3; \{12, 6, 4, 3^6, 2^{10}\})$	513589248
12	$\mathcal{O}(3; \{12, 6, 4, 3^9, 2^6\})$	4072882176
12	$\mathcal{O}(3; \{12, 6, 4, 3^{12}, 2^2\})$	32618889216
12	$\mathcal{O}(3; \{12, 6, 4^3, 2^{15}\})$	47775744
12	$\mathcal{O}(3; \{12, 6, 4^3, 3^3, 2^{11}\})$	238878720
12	$\mathcal{O}(3; \{12, 6, 4^3, 3^6, 2^7\})$	2054356992
12	$\mathcal{O}(3; \{12, 6, 4^3, 3^9, 2^3\})$	16291528704
12	$\mathcal{O}(3; \{12, 6, 4^5, 2^{12}\})$	191102976
12	$\mathcal{O}(3; \{12, 6, 4^5, 3^3, 2^8\})$	955514880
12	$\mathcal{O}(3; \{12, 6, 4^5, 3^6, 2^4\})$	8217427968
12	$\mathcal{O}(3; \{12, 6, 4^5, 3^9\})$	65166114816
12	$\mathcal{O}(3; \{12, 6, 4^7, 2^9\})$	764411904
12	$\mathcal{O}(3; \{12, 6, 4^7, 3^3, 2^5\})$	3822059520
12	$\mathcal{O}(3; \{12, 6, 4^7, 3^6, 2\})$	32869711872
12	$\mathcal{O}(3; \{12, 6, 4^9, 2^6\})$	3057647616
12	$\mathcal{O}(3; \{12, 6, 4^9, 3^3, 2^2\})$	15288238080
12	$\mathcal{O}(3; \{12, 6, 4^{11}, 2^3\})$	12230590464
12	$\mathcal{O}(3; \{12, 6, 4^{13}\})$	48922361856
12	$\mathcal{O}(3; \{12, 6^2, 4, 3, 2^{15}\})$	35831808
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^4, 2^{11}\})$	250822656
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^7, 2^7\})$	2042413056
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^{10}, 2^3\})$	16303472640
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 3, 2^{12}\})$	143327232
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 3^4, 2^8\})$	1003290624
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 3^7, 2^4\})$	8169652224
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 3^{10}\})$	65213890560
12	$\mathcal{O}(3; \{12, 6^2, 4^5, 3, 2^9\})$	573308928
12	$\mathcal{O}(3; \{12, 6^2, 4^5, 3^4, 2^5\})$	4013162496
12	$\mathcal{O}(3; \{12, 6^2, 4^5, 3^7, 2\})$	32678608896
12	$\mathcal{O}(3; \{12, 6^2, 4^7, 3, 2^6\})$	2293235712
12	$\mathcal{O}(3; \{12, 6^2, 4^7, 3^4, 2^2\})$	16052649984
12	$\mathcal{O}(3; \{12, 6^2, 4^9, 3, 2^3\})$	9172942848
12	$\mathcal{O}(3; \{12, 6^2, 4^{11}, 3\})$	36691771392
12	$\mathcal{O}(3; \{12, 6^3, 4, 3^2, 2^{12}\})$	131383296
12	$\mathcal{O}(3; \{12, 6^3, 4, 3^5, 2^8\})$	1015234560
12	$\mathcal{O}(3; \{12, 6^3, 4, 3^8, 2^4\})$	8157708288
12	$\mathcal{O}(3; \{12, 6^3, 4, 3^{11}\})$	65225834496
12	$\mathcal{O}(3; \{12, 6^3, 4^3, 3^2, 2^9\})$	525533184
12	$\mathcal{O}(3; \{12, 6^3, 4^3, 3^5, 2^5\})$	4060938240
12	$\mathcal{O}(3; \{12, 6^3, 4^3, 3^8, 2\})$	32630833152
12	$\mathcal{O}(3; \{12, 6^3, 4^5, 3^2, 2^6\})$	2102132736
12	$\mathcal{O}(3; \{12, 6^3, 4^5, 3^5, 2^2\})$	16243752960

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12, 6^3, 4^7, 3^2, 2^3\})$	8408530944
12	$\mathcal{O}(3; \{12, 6^3, 4^9, 3^2\})$	33634123776
12	$\mathcal{O}(3; \{12, 6^4, 4, 2^{13}\})$	59719680
12	$\mathcal{O}(3; \{12, 6^4, 4, 3^3, 2^9\})$	513589248
12	$\mathcal{O}(3; \{12, 6^4, 4, 3^6, 2^5\})$	4072882176
12	$\mathcal{O}(3; \{12, 6^4, 4, 3^9, 2\})$	32618889216
12	$\mathcal{O}(3; \{12, 6^4, 4^3, 2^{10}\})$	238878720
12	$\mathcal{O}(3; \{12, 6^4, 4^3, 3^3, 2^6\})$	2054356992
12	$\mathcal{O}(3; \{12, 6^4, 4^3, 3^6, 2^2\})$	16291528704
12	$\mathcal{O}(3; \{12, 6^4, 4^5, 2^7\})$	955514880
12	$\mathcal{O}(3; \{12, 6^4, 4^5, 3^3, 2^3\})$	8217427968
12	$\mathcal{O}(3; \{12, 6^4, 4^7, 2^4\})$	3822059520
12	$\mathcal{O}(3; \{12, 6^4, 4^7, 3^3\})$	32869711872
12	$\mathcal{O}(3; \{12, 6^4, 4^9, 2\})$	15288238080
12	$\mathcal{O}(3; \{12, 6^5, 4, 3, 2^{10}\})$	250822656
12	$\mathcal{O}(3; \{12, 6^5, 4, 3^4, 2^6\})$	2042413056
12	$\mathcal{O}(3; \{12, 6^5, 4, 3^7, 2^2\})$	16303472640
12	$\mathcal{O}(3; \{12, 6^5, 4^3, 3, 2^7\})$	1003290624
12	$\mathcal{O}(3; \{12, 6^5, 4^3, 3^4, 2^3\})$	8169652224
12	$\mathcal{O}(3; \{12, 6^5, 4^5, 3, 2^4\})$	4013162496
12	$\mathcal{O}(3; \{12, 6^5, 4^5, 3^4\})$	32678608896
12	$\mathcal{O}(3; \{12, 6^5, 4^7, 3, 2\})$	16052649984
12	$\mathcal{O}(3; \{12, 6^6, 4, 3^2, 2^7\})$	1015234560
12	$\mathcal{O}(3; \{12, 6^6, 4, 3^5, 2^3\})$	8157708288
12	$\mathcal{O}(3; \{12, 6^6, 4^3, 3^2, 2^4\})$	4060938240
12	$\mathcal{O}(3; \{12, 6^6, 4^3, 3^5\})$	32630833152
12	$\mathcal{O}(3; \{12, 6^6, 4^5, 3^2, 2\})$	16243752960
12	$\mathcal{O}(3; \{12, 6^7, 4, 2^8\})$	513589248
12	$\mathcal{O}(3; \{12, 6^7, 4, 3^3, 2^4\})$	4072882176
12	$\mathcal{O}(3; \{12, 6^7, 4, 3^6\})$	32618889216
12	$\mathcal{O}(3; \{12, 6^7, 4^3, 2^5\})$	2054356992
12	$\mathcal{O}(3; \{12, 6^7, 4^3, 3^3, 2\})$	16291528704
12	$\mathcal{O}(3; \{12, 6^7, 4^5, 2^2\})$	8217427968
12	$\mathcal{O}(3; \{12, 6^8, 4, 3, 2^5\})$	2042413056
12	$\mathcal{O}(3; \{12, 6^8, 4, 3^4, 2\})$	16303472640
12	$\mathcal{O}(3; \{12, 6^8, 4^3, 3, 2^2\})$	8169652224
12	$\mathcal{O}(3; \{12, 6^9, 4, 3^2, 2^2\})$	8157708288
12	$\mathcal{O}(3; \{12, 6^{10}, 4, 2^3\})$	4072882176
12	$\mathcal{O}(3; \{12, 6^{10}, 4^3\})$	16291528704
12	$\mathcal{O}(3; \{12, 6^{11}, 4, 3\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 3, 2^{18}\})$	11943936
12	$\mathcal{O}(3; \{12^2, 3^4, 2^{14}\})$	131383296
12	$\mathcal{O}(3; \{12^2, 3^7, 2^{10}\})$	1015234560

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^2, 3^{10}, 2^6\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 3^{13}, 2^2\})$	65225834496
12	$\mathcal{O}(3; \{12^2, 4^2, 3, 2^{15}\})$	47775744
12	$\mathcal{O}(3; \{12^2, 4^2, 3^4, 2^{11}\})$	525533184
12	$\mathcal{O}(3; \{12^2, 4^2, 3^7, 2^7\})$	4060938240
12	$\mathcal{O}(3; \{12^2, 4^2, 3^{10}, 2^3\})$	32630833152
12	$\mathcal{O}(3; \{12^2, 4^4, 3, 2^{12}\})$	191102976
12	$\mathcal{O}(3; \{12^2, 4^4, 3^4, 2^8\})$	2102132736
12	$\mathcal{O}(3; \{12^2, 4^4, 3^7, 2^4\})$	16243752960
12	$\mathcal{O}(3; \{12^2, 4^4, 3^{10}\})$	130523332608
12	$\mathcal{O}(3; \{12^2, 4^6, 3, 2^9\})$	764411904
12	$\mathcal{O}(3; \{12^2, 4^6, 3^4, 2^5\})$	8408530944
12	$\mathcal{O}(3; \{12^2, 4^6, 3^7, 2\})$	64975011840
12	$\mathcal{O}(3; \{12^2, 4^8, 3, 2^6\})$	3057647616
12	$\mathcal{O}(3; \{12^2, 4^8, 3^4, 2^2\})$	33634123776
12	$\mathcal{O}(3; \{12^2, 4^{10}, 3, 2^3\})$	12230590464
12	$\mathcal{O}(3; \{12^2, 4^{12}, 3\})$	48922361856
12	$\mathcal{O}(3; \{12^2, 6, 3^2, 2^{15}\})$	59719680
12	$\mathcal{O}(3; \{12^2, 6, 3^5, 2^{11}\})$	513589248
12	$\mathcal{O}(3; \{12^2, 6, 3^8, 2^7\})$	4072882176
12	$\mathcal{O}(3; \{12^2, 6, 3^{11}, 2^3\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3^2, 2^{12}\})$	238878720
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3^5, 2^8\})$	2054356992
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3^8, 2^4\})$	16291528704
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3^{11}\})$	130475556864
12	$\mathcal{O}(3; \{12^2, 6, 4^4, 3^2, 2^9\})$	955514880
12	$\mathcal{O}(3; \{12^2, 6, 4^4, 3^5, 2^5\})$	8217427968
12	$\mathcal{O}(3; \{12^2, 6, 4^4, 3^8, 2\})$	65166114816
12	$\mathcal{O}(3; \{12^2, 6, 4^6, 3^2, 2^6\})$	3822059520
12	$\mathcal{O}(3; \{12^2, 6, 4^6, 3^5, 2^2\})$	32869711872
12	$\mathcal{O}(3; \{12^2, 6, 4^8, 3^2, 2^3\})$	15288238080
12	$\mathcal{O}(3; \{12^2, 6, 4^{10}, 3^2\})$	61152952320
12	$\mathcal{O}(3; \{12^2, 6^2, 2^{16}\})$	35831808
12	$\mathcal{O}(3; \{12^2, 6^2, 3^3, 2^{12}\})$	250822656
12	$\mathcal{O}(3; \{12^2, 6^2, 3^6, 2^8\})$	2042413056
12	$\mathcal{O}(3; \{12^2, 6^2, 3^9, 2^4\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 6^2, 3^{12}\})$	130463612928
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 2^{13}\})$	143327232
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 3^3, 2^9\})$	1003290624
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 3^6, 2^5\})$	8169652224
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 3^9, 2\})$	65213890560
12	$\mathcal{O}(3; \{12^2, 6^2, 4^4, 2^{10}\})$	573308928
12	$\mathcal{O}(3; \{12^2, 6^2, 4^4, 3^3, 2^6\})$	4013162496

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^2, 6^2, 4^4, 3^6, 2^2\})$	32678608896
12	$\mathcal{O}(3; \{12^2, 6^2, 4^6, 2^7\})$	2293235712
12	$\mathcal{O}(3; \{12^2, 6^2, 4^6, 3^3, 2^3\})$	16052649984
12	$\mathcal{O}(3; \{12^2, 6^2, 4^8, 2^4\})$	9172942848
12	$\mathcal{O}(3; \{12^2, 6^2, 4^8, 3^3\})$	64210599936
12	$\mathcal{O}(3; \{12^2, 6^2, 4^{10}, 2\})$	36691771392
12	$\mathcal{O}(3; \{12^2, 6^3, 3, 2^{13}\})$	131383296
12	$\mathcal{O}(3; \{12^2, 6^3, 3^4, 2^9\})$	1015234560
12	$\mathcal{O}(3; \{12^2, 6^3, 3^7, 2^5\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 6^3, 3^{10}, 2\})$	65225834496
12	$\mathcal{O}(3; \{12^2, 6^3, 4^2, 3, 2^{10}\})$	525533184
12	$\mathcal{O}(3; \{12^2, 6^3, 4^2, 3^4, 2^6\})$	4060938240
12	$\mathcal{O}(3; \{12^2, 6^3, 4^2, 3^7, 2^2\})$	32630833152
12	$\mathcal{O}(3; \{12^2, 6^3, 4^4, 3, 2^7\})$	2102132736
12	$\mathcal{O}(3; \{12^2, 6^3, 4^4, 3^4, 2^3\})$	16243752960
12	$\mathcal{O}(3; \{12^2, 6^3, 4^6, 3, 2^4\})$	8408530944
12	$\mathcal{O}(3; \{12^2, 6^3, 4^6, 3^4\})$	64975011840
12	$\mathcal{O}(3; \{12^2, 6^3, 4^8, 3, 2\})$	33634123776
12	$\mathcal{O}(3; \{12^2, 6^4, 3^2, 2^{10}\})$	513589248
12	$\mathcal{O}(3; \{12^2, 6^4, 3^5, 2^6\})$	4072882176
12	$\mathcal{O}(3; \{12^2, 6^4, 3^8, 2^2\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 6^4, 4^2, 3^2, 2^7\})$	2054356992
12	$\mathcal{O}(3; \{12^2, 6^4, 4^2, 3^5, 2^3\})$	16291528704
12	$\mathcal{O}(3; \{12^2, 6^4, 4^4, 3^2, 2^4\})$	8217427968
12	$\mathcal{O}(3; \{12^2, 6^4, 4^4, 3^5\})$	65166114816
12	$\mathcal{O}(3; \{12^2, 6^4, 4^6, 3^2, 2\})$	32869711872
12	$\mathcal{O}(3; \{12^2, 6^5, 2^{11}\})$	250822656
12	$\mathcal{O}(3; \{12^2, 6^5, 3^3, 2^7\})$	2042413056
12	$\mathcal{O}(3; \{12^2, 6^5, 3^6, 2^3\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 6^5, 4^2, 2^8\})$	1003290624
12	$\mathcal{O}(3; \{12^2, 6^5, 4^2, 3^3, 2^4\})$	8169652224
12	$\mathcal{O}(3; \{12^2, 6^5, 4^2, 3^6\})$	65213890560
12	$\mathcal{O}(3; \{12^2, 6^5, 4^4, 2^5\})$	4013162496
12	$\mathcal{O}(3; \{12^2, 6^5, 4^4, 3^3, 2\})$	32678608896
12	$\mathcal{O}(3; \{12^2, 6^5, 4^6, 2^2\})$	16052649984
12	$\mathcal{O}(3; \{12^2, 6^6, 3, 2^8\})$	1015234560
12	$\mathcal{O}(3; \{12^2, 6^6, 3^4, 2^4\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 6^6, 3^7\})$	65225834496
12	$\mathcal{O}(3; \{12^2, 6^6, 4^2, 3, 2^5\})$	4060938240
12	$\mathcal{O}(3; \{12^2, 6^6, 4^2, 3^4, 2\})$	32630833152
12	$\mathcal{O}(3; \{12^2, 6^6, 4^4, 3, 2^2\})$	16243752960
12	$\mathcal{O}(3; \{12^2, 6^7, 3^2, 2^5\})$	4072882176
12	$\mathcal{O}(3; \{12^2, 6^7, 3^5, 2\})$	32618889216

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^2, 6^7, 4^2, 3^2, 2^2\})$	16291528704
12	$\mathcal{O}(3; \{12^2, 6^8, 2^6\})$	2042413056
12	$\mathcal{O}(3; \{12^2, 6^8, 3^3, 2^2\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 6^8, 4^2, 2^3\})$	8169652224
12	$\mathcal{O}(3; \{12^2, 6^8, 4^4\})$	32678608896
12	$\mathcal{O}(3; \{12^2, 6^9, 3, 2^3\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 6^9, 4^2, 3\})$	32630833152
12	$\mathcal{O}(3; \{12^2, 6^{10}, 3^2\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 6^{11}, 2\})$	16303472640
12	$\mathcal{O}(3; \{12^3, 4, 2^{16}\})$	47775744
12	$\mathcal{O}(3; \{12^3, 4, 3^3, 2^{12}\})$	525533184
12	$\mathcal{O}(3; \{12^3, 4, 3^6, 2^8\})$	4060938240
12	$\mathcal{O}(3; \{12^3, 4, 3^9, 2^4\})$	32630833152
12	$\mathcal{O}(3; \{12^3, 4, 3^{12}\})$	260903337984
12	$\mathcal{O}(3; \{12^3, 4^3, 2^{13}\})$	191102976
12	$\mathcal{O}(3; \{12^3, 4^3, 3^3, 2^9\})$	2102132736
12	$\mathcal{O}(3; \{12^3, 4^3, 3^6, 2^5\})$	16243752960
12	$\mathcal{O}(3; \{12^3, 4^3, 3^9, 2\})$	130523332608
12	$\mathcal{O}(3; \{12^3, 4^5, 2^{10}\})$	764411904
12	$\mathcal{O}(3; \{12^3, 4^5, 3^3, 2^6\})$	8408530944
12	$\mathcal{O}(3; \{12^3, 4^5, 3^6, 2^2\})$	64975011840
12	$\mathcal{O}(3; \{12^3, 4^7, 2^7\})$	3057647616
12	$\mathcal{O}(3; \{12^3, 4^7, 3^3, 2^3\})$	33634123776
12	$\mathcal{O}(3; \{12^3, 4^9, 2^4\})$	12230590464
12	$\mathcal{O}(3; \{12^3, 4^9, 3^3\})$	134536495104
12	$\mathcal{O}(3; \{12^3, 4^{11}, 2\})$	48922361856
12	$\mathcal{O}(3; \{12^3, 6, 4, 3, 2^{13}\})$	238878720
12	$\mathcal{O}(3; \{12^3, 6, 4, 3^4, 2^9\})$	2054356992
12	$\mathcal{O}(3; \{12^3, 6, 4, 3^7, 2^5\})$	16291528704
12	$\mathcal{O}(3; \{12^3, 6, 4, 3^{10}, 2\})$	130475556864
12	$\mathcal{O}(3; \{12^3, 6, 4^3, 3, 2^{10}\})$	955514880
12	$\mathcal{O}(3; \{12^3, 6, 4^3, 3^4, 2^6\})$	8217427968
12	$\mathcal{O}(3; \{12^3, 6, 4^3, 3^7, 2^2\})$	65166114816
12	$\mathcal{O}(3; \{12^3, 6, 4^5, 3, 2^7\})$	3822059520
12	$\mathcal{O}(3; \{12^3, 6, 4^5, 3^4, 2^3\})$	32869711872
12	$\mathcal{O}(3; \{12^3, 6, 4^7, 3, 2^4\})$	15288238080
12	$\mathcal{O}(3; \{12^3, 6, 4^7, 3^4\})$	131478847488
12	$\mathcal{O}(3; \{12^3, 6, 4^9, 3, 2\})$	61152952320
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 3^2, 2^{10}\})$	1003290624
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 3^5, 2^6\})$	8169652224
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 3^8, 2^2\})$	65213890560
12	$\mathcal{O}(3; \{12^3, 6^2, 4^3, 3^2, 2^7\})$	4013162496
12	$\mathcal{O}(3; \{12^3, 6^2, 4^3, 3^5, 2^3\})$	32678608896

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^3, 6^2, 4^5, 3^2, 2^4\})$	16052649984
12	$\mathcal{O}(3; \{12^3, 6^2, 4^5, 3^5\})$	130714435584
12	$\mathcal{O}(3; \{12^3, 6^2, 4^7, 3^2, 2\})$	64210599936
12	$\mathcal{O}(3; \{12^3, 6^3, 4, 2^{11}\})$	525533184
12	$\mathcal{O}(3; \{12^3, 6^3, 4, 3^3, 2^7\})$	4060938240
12	$\mathcal{O}(3; \{12^3, 6^3, 4, 3^6, 2^3\})$	32630833152
12	$\mathcal{O}(3; \{12^3, 6^3, 4^3, 2^8\})$	2102132736
12	$\mathcal{O}(3; \{12^3, 6^3, 4^3, 3^3, 2^4\})$	16243752960
12	$\mathcal{O}(3; \{12^3, 6^3, 4^3, 3^6\})$	130523332608
12	$\mathcal{O}(3; \{12^3, 6^3, 4^5, 2^5\})$	8408530944
12	$\mathcal{O}(3; \{12^3, 6^3, 4^5, 3^3, 2\})$	64975011840
12	$\mathcal{O}(3; \{12^3, 6^3, 4^7, 2^2\})$	33634123776
12	$\mathcal{O}(3; \{12^3, 6^4, 4, 3, 2^8\})$	2054356992
12	$\mathcal{O}(3; \{12^3, 6^4, 4, 3^4, 2^4\})$	16291528704
12	$\mathcal{O}(3; \{12^3, 6^4, 4, 3^7\})$	130475556864
12	$\mathcal{O}(3; \{12^3, 6^4, 4^3, 3, 2^5\})$	8217427968
12	$\mathcal{O}(3; \{12^3, 6^4, 4^3, 3^4, 2\})$	65166114816
12	$\mathcal{O}(3; \{12^3, 6^4, 4^5, 3, 2^2\})$	32869711872
12	$\mathcal{O}(3; \{12^3, 6^5, 4, 3^2, 2^5\})$	8169652224
12	$\mathcal{O}(3; \{12^3, 6^5, 4, 3^5, 2\})$	65213890560
12	$\mathcal{O}(3; \{12^3, 6^5, 4^3, 3^2, 2^2\})$	32678608896
12	$\mathcal{O}(3; \{12^3, 6^6, 4, 2^6\})$	4060938240
12	$\mathcal{O}(3; \{12^3, 6^6, 4, 3^3, 2^2\})$	32630833152
12	$\mathcal{O}(3; \{12^3, 6^6, 4^3, 2^3\})$	16243752960
12	$\mathcal{O}(3; \{12^3, 6^6, 4^5\})$	64975011840
12	$\mathcal{O}(3; \{12^3, 6^7, 4, 3, 2^3\})$	16291528704
12	$\mathcal{O}(3; \{12^3, 6^7, 4^3, 3\})$	65166114816
12	$\mathcal{O}(3; \{12^3, 6^8, 4, 3^2\})$	65213890560
12	$\mathcal{O}(3; \{12^3, 6^9, 4, 2\})$	32630833152
12	$\mathcal{O}(3; \{12^4, 3^2, 2^{13}\})$	525533184
12	$\mathcal{O}(3; \{12^4, 3^5, 2^9\})$	4060938240
12	$\mathcal{O}(3; \{12^4, 3^8, 2^5\})$	32630833152
12	$\mathcal{O}(3; \{12^4, 3^{11}, 2\})$	260903337984
12	$\mathcal{O}(3; \{12^4, 4^2, 3^2, 2^{10}\})$	2102132736
12	$\mathcal{O}(3; \{12^4, 4^2, 3^5, 2^6\})$	16243752960
12	$\mathcal{O}(3; \{12^4, 4^2, 3^8, 2^2\})$	130523332608
12	$\mathcal{O}(3; \{12^4, 4^4, 3^2, 2^7\})$	8408530944
12	$\mathcal{O}(3; \{12^4, 4^4, 3^5, 2^3\})$	64975011840
12	$\mathcal{O}(3; \{12^4, 4^6, 3^2, 2^4\})$	33634123776
12	$\mathcal{O}(3; \{12^4, 4^6, 3^5\})$	259900047360
12	$\mathcal{O}(3; \{12^4, 4^8, 3^2, 2\})$	134536495104
12	$\mathcal{O}(3; \{12^4, 6, 2^{14}\})$	238878720
12	$\mathcal{O}(3; \{12^4, 6, 3^3, 2^{10}\})$	2054356992

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^4, 6, 3^6, 2^6\})$	16291528704
12	$\mathcal{O}(3; \{12^4, 6, 3^9, 2^2\})$	130475556864
12	$\mathcal{O}(3; \{12^4, 6, 4^2, 2^{11}\})$	955514880
12	$\mathcal{O}(3; \{12^4, 6, 4^2, 3^3, 2^7\})$	8217427968
12	$\mathcal{O}(3; \{12^4, 6, 4^2, 3^6, 2^3\})$	65166114816
12	$\mathcal{O}(3; \{12^4, 6, 4^4, 2^8\})$	3822059520
12	$\mathcal{O}(3; \{12^4, 6, 4^4, 3^3, 2^4\})$	32869711872
12	$\mathcal{O}(3; \{12^4, 6, 4^4, 3^6\})$	260664459264
12	$\mathcal{O}(3; \{12^4, 6, 4^6, 2^5\})$	15288238080
12	$\mathcal{O}(3; \{12^4, 6, 4^6, 3^3, 2\})$	131478847488
12	$\mathcal{O}(3; \{12^4, 6, 4^8, 2^2\})$	61152952320
12	$\mathcal{O}(3; \{12^4, 6^2, 3, 2^{11}\})$	1003290624
12	$\mathcal{O}(3; \{12^4, 6^2, 3^4, 2^7\})$	8169652224
12	$\mathcal{O}(3; \{12^4, 6^2, 3^7, 2^3\})$	65213890560
12	$\mathcal{O}(3; \{12^4, 6^2, 4^2, 3, 2^8\})$	4013162496
12	$\mathcal{O}(3; \{12^4, 6^2, 4^2, 3^4, 2^4\})$	32678608896
12	$\mathcal{O}(3; \{12^4, 6^2, 4^2, 3^7\})$	260855562240
12	$\mathcal{O}(3; \{12^4, 6^2, 4^4, 3, 2^5\})$	16052649984
12	$\mathcal{O}(3; \{12^4, 6^2, 4^4, 3^4, 2\})$	130714435584
12	$\mathcal{O}(3; \{12^4, 6^2, 4^6, 3, 2^2\})$	64210599936
12	$\mathcal{O}(3; \{12^4, 6^3, 3^2, 2^8\})$	4060938240
12	$\mathcal{O}(3; \{12^4, 6^3, 3^5, 2^4\})$	32630833152
12	$\mathcal{O}(3; \{12^4, 6^3, 3^8\})$	260903337984
12	$\mathcal{O}(3; \{12^4, 6^3, 4^2, 3^2, 2^5\})$	16243752960
12	$\mathcal{O}(3; \{12^4, 6^3, 4^2, 3^5, 2\})$	130523332608
12	$\mathcal{O}(3; \{12^4, 6^3, 4^4, 3^2, 2^2\})$	64975011840
12	$\mathcal{O}(3; \{12^4, 6^4, 2^9\})$	2054356992
12	$\mathcal{O}(3; \{12^4, 6^4, 3^3, 2^5\})$	16291528704
12	$\mathcal{O}(3; \{12^4, 6^4, 3^6, 2\})$	130475556864
12	$\mathcal{O}(3; \{12^4, 6^4, 4^2, 2^6\})$	8217427968
12	$\mathcal{O}(3; \{12^4, 6^4, 4^2, 3^3, 2^2\})$	65166114816
12	$\mathcal{O}(3; \{12^4, 6^4, 4^4, 2^3\})$	32869711872
12	$\mathcal{O}(3; \{12^4, 6^4, 4^6\})$	131478847488
12	$\mathcal{O}(3; \{12^4, 6^5, 3, 2^6\})$	8169652224
12	$\mathcal{O}(3; \{12^4, 6^5, 3^4, 2^2\})$	65213890560
12	$\mathcal{O}(3; \{12^4, 6^5, 4^2, 3, 2^3\})$	32678608896
12	$\mathcal{O}(3; \{12^4, 6^5, 4^4, 3\})$	130714435584
12	$\mathcal{O}(3; \{12^4, 6^6, 3^2, 2^3\})$	32630833152
12	$\mathcal{O}(3; \{12^4, 6^6, 4^2, 3^2\})$	130523332608
12	$\mathcal{O}(3; \{12^4, 6^7, 2^4\})$	16291528704
12	$\mathcal{O}(3; \{12^4, 6^7, 3^3\})$	130475556864
12	$\mathcal{O}(3; \{12^4, 6^7, 4^2, 2\})$	65166114816
12	$\mathcal{O}(3; \{12^4, 6^8, 3, 2\})$	65213890560

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^5, 4, 3, 2^{11}\})$	2102132736
12	$\mathcal{O}(3; \{12^5, 4, 3^4, 2^7\})$	16243752960
12	$\mathcal{O}(3; \{12^5, 4, 3^7, 2^3\})$	130523332608
12	$\mathcal{O}(3; \{12^5, 4^3, 3, 2^8\})$	8408530944
12	$\mathcal{O}(3; \{12^5, 4^3, 3^4, 2^4\})$	64975011840
12	$\mathcal{O}(3; \{12^5, 4^3, 3^7\})$	522093330432
12	$\mathcal{O}(3; \{12^5, 4^5, 3, 2^5\})$	33634123776
12	$\mathcal{O}(3; \{12^5, 4^5, 3^4, 2\})$	259900047360
12	$\mathcal{O}(3; \{12^5, 4^7, 3, 2^2\})$	134536495104
12	$\mathcal{O}(3; \{12^5, 6, 4, 3^2, 2^8\})$	8217427968
12	$\mathcal{O}(3; \{12^5, 6, 4, 3^5, 2^4\})$	65166114816
12	$\mathcal{O}(3; \{12^5, 6, 4, 3^8\})$	521902227456
12	$\mathcal{O}(3; \{12^5, 6, 4^3, 3^2, 2^5\})$	32869711872
12	$\mathcal{O}(3; \{12^5, 6, 4^3, 3^5, 2\})$	260664459264
12	$\mathcal{O}(3; \{12^5, 6, 4^5, 3^2, 2^2\})$	131478847488
12	$\mathcal{O}(3; \{12^5, 6^2, 4, 2^9\})$	4013162496
12	$\mathcal{O}(3; \{12^5, 6^2, 4, 3^3, 2^5\})$	32678608896
12	$\mathcal{O}(3; \{12^5, 6^2, 4, 3^6, 2\})$	260855562240
12	$\mathcal{O}(3; \{12^5, 6^2, 4^3, 2^6\})$	16052649984
12	$\mathcal{O}(3; \{12^5, 6^2, 4^3, 3^3, 2^2\})$	130714435584
12	$\mathcal{O}(3; \{12^5, 6^2, 4^5, 2^3\})$	64210599936
12	$\mathcal{O}(3; \{12^5, 6^2, 4^7\})$	256842399744
12	$\mathcal{O}(3; \{12^5, 6^3, 4, 3, 2^6\})$	16243752960
12	$\mathcal{O}(3; \{12^5, 6^3, 4, 3^4, 2^2\})$	130523332608
12	$\mathcal{O}(3; \{12^5, 6^3, 4^3, 3, 2^3\})$	64975011840
12	$\mathcal{O}(3; \{12^5, 6^3, 4^5, 3\})$	259900047360
12	$\mathcal{O}(3; \{12^5, 6^4, 4, 3^2, 2^3\})$	65166114816
12	$\mathcal{O}(3; \{12^5, 6^4, 4^3, 3^2\})$	260664459264
12	$\mathcal{O}(3; \{12^5, 6^5, 4, 2^4\})$	32678608896
12	$\mathcal{O}(3; \{12^5, 6^5, 4, 3^3\})$	260855562240
12	$\mathcal{O}(3; \{12^5, 6^5, 4^3, 2\})$	130714435584
12	$\mathcal{O}(3; \{12^5, 6^6, 4, 3, 2\})$	130523332608
12	$\mathcal{O}(3; \{12^6, 2^{12}\})$	2102132736
12	$\mathcal{O}(3; \{12^6, 3^3, 2^8\})$	16243752960
12	$\mathcal{O}(3; \{12^6, 3^6, 2^4\})$	130523332608
12	$\mathcal{O}(3; \{12^6, 3^9\})$	1043613351936
12	$\mathcal{O}(3; \{12^6, 4^2, 2^9\})$	8408530944
12	$\mathcal{O}(3; \{12^6, 4^2, 3^3, 2^5\})$	64975011840
12	$\mathcal{O}(3; \{12^6, 4^2, 3^6, 2\})$	522093330432
12	$\mathcal{O}(3; \{12^6, 4^4, 2^6\})$	33634123776
12	$\mathcal{O}(3; \{12^6, 4^4, 3^3, 2^2\})$	259900047360
12	$\mathcal{O}(3; \{12^6, 4^6, 2^3\})$	134536495104
12	$\mathcal{O}(3; \{12^6, 4^8\})$	538145980416

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^6, 6, 3, 2^9\})$	8217427968
12	$\mathcal{O}(3; \{12^6, 6, 3^4, 2^5\})$	65166114816
12	$\mathcal{O}(3; \{12^6, 6, 3^7, 2\})$	521902227456
12	$\mathcal{O}(3; \{12^6, 6, 4^2, 3, 2^6\})$	32869711872
12	$\mathcal{O}(3; \{12^6, 6, 4^2, 3^4, 2^2\})$	260664459264
12	$\mathcal{O}(3; \{12^6, 6, 4^4, 3, 2^3\})$	131478847488
12	$\mathcal{O}(3; \{12^6, 6, 4^6, 3\})$	525915389952
12	$\mathcal{O}(3; \{12^6, 6^2, 3^2, 2^6\})$	32678608896
12	$\mathcal{O}(3; \{12^6, 6^2, 3^5, 2^2\})$	260855562240
12	$\mathcal{O}(3; \{12^6, 6^2, 4^2, 3^2, 2^3\})$	130714435584
12	$\mathcal{O}(3; \{12^6, 6^2, 4^4, 3^2\})$	522857742336
12	$\mathcal{O}(3; \{12^6, 6^3, 2^7\})$	16243752960
12	$\mathcal{O}(3; \{12^6, 6^3, 3^3, 2^3\})$	130523332608
12	$\mathcal{O}(3; \{12^6, 6^3, 4^2, 2^4\})$	64975011840
12	$\mathcal{O}(3; \{12^6, 6^3, 4^2, 3^3\})$	522093330432
12	$\mathcal{O}(3; \{12^6, 6^3, 4^4, 2\})$	259900047360
12	$\mathcal{O}(3; \{12^6, 6^4, 3, 2^4\})$	65166114816
12	$\mathcal{O}(3; \{12^6, 6^4, 3^4\})$	521902227456
12	$\mathcal{O}(3; \{12^6, 6^4, 4^2, 3, 2\})$	260664459264
12	$\mathcal{O}(3; \{12^6, 6^5, 3^2, 2\})$	260855562240
12	$\mathcal{O}(3; \{12^6, 6^6, 2^2\})$	130523332608
12	$\mathcal{O}(3; \{12^7, 4, 3^2, 2^6\})$	64975011840
12	$\mathcal{O}(3; \{12^7, 4, 3^5, 2^2\})$	522093330432
12	$\mathcal{O}(3; \{12^7, 4^3, 3^2, 2^3\})$	259900047360
12	$\mathcal{O}(3; \{12^7, 4^5, 3^2\})$	1039600189440
12	$\mathcal{O}(3; \{12^7, 6, 4, 2^7\})$	32869711872
12	$\mathcal{O}(3; \{12^7, 6, 4, 3^3, 2^3\})$	260664459264
12	$\mathcal{O}(3; \{12^7, 6, 4^3, 2^4\})$	131478847488
12	$\mathcal{O}(3; \{12^7, 6, 4^3, 3^3\})$	1042657837056
12	$\mathcal{O}(3; \{12^7, 6, 4^5, 2\})$	525915389952
12	$\mathcal{O}(3; \{12^7, 6^2, 4, 3, 2^4\})$	130714435584
12	$\mathcal{O}(3; \{12^7, 6^2, 4, 3^4\})$	1043422248960
12	$\mathcal{O}(3; \{12^7, 6^2, 4^3, 3, 2\})$	522857742336
12	$\mathcal{O}(3; \{12^7, 6^3, 4, 3^2, 2\})$	522093330432
12	$\mathcal{O}(3; \{12^7, 6^4, 4, 2^2\})$	260664459264
12	$\mathcal{O}(3; \{12^8, 3, 2^7\})$	64975011840
12	$\mathcal{O}(3; \{12^8, 3^4, 2^3\})$	522093330432
12	$\mathcal{O}(3; \{12^8, 4^2, 3, 2^4\})$	259900047360
12	$\mathcal{O}(3; \{12^8, 4^2, 3^4\})$	2088373321728
12	$\mathcal{O}(3; \{12^8, 4^4, 3, 2\})$	1039600189440
12	$\mathcal{O}(3; \{12^8, 6, 3^2, 2^4\})$	260664459264
12	$\mathcal{O}(3; \{12^8, 6, 3^5\})$	2087608909824
12	$\mathcal{O}(3; \{12^8, 6, 4^2, 3^2, 2\})$	1042657837056

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^8, 6^2, 2^5\})$	130714435584
12	$\mathcal{O}(3; \{12^8, 6^2, 3^3, 2\})$	1043422248960
12	$\mathcal{O}(3; \{12^8, 6^2, 4^2, 2^2\})$	522857742336
12	$\mathcal{O}(3; \{12^8, 6^3, 3, 2^2\})$	522093330432
12	$\mathcal{O}(3; \{12^8, 6^5\})$	1043422248960
12	$\mathcal{O}(3; \{12^9, 4, 2^5\})$	259900047360
12	$\mathcal{O}(3; \{12^9, 4, 3^3, 2\})$	2088373321728
12	$\mathcal{O}(3; \{12^9, 4^3, 2^2\})$	1039600189440
12	$\mathcal{O}(3; \{12^9, 6, 4, 3, 2^2\})$	1042657837056
12	$\mathcal{O}(3; \{12^9, 6^3, 4\})$	2088373321728
12	$\mathcal{O}(3; \{12^{10}, 3^2, 2^2\})$	2088373321728
12	$\mathcal{O}(3; \{12^{10}, 6, 2^3\})$	1042657837056
12	$\mathcal{O}(3; \{12^{10}, 6, 4^2\})$	4170631348224
12	$\mathcal{O}(3; \{12^{10}, 6^2, 3\})$	4173688995840
12	$\mathcal{O}(3; \{12^{11}, 4, 3\})$	8353493286912
12	$\mathcal{O}(3; \{12^{12}, 2\})$	8353493286912
12	$\mathcal{O}(2; \{4^2, 2^{24}\})$	40960
12	$\mathcal{O}(2; \{4^2, 3^3, 2^{20}\})$	82944
12	$\mathcal{O}(2; \{4^2, 3^6, 2^{16}\})$	912384
12	$\mathcal{O}(2; \{4^2, 3^9, 2^{12}\})$	7050240
12	$\mathcal{O}(2; \{4^2, 3^{12}, 2^8\})$	56650752
12	$\mathcal{O}(2; \{4^2, 3^{15}, 2^4\})$	452957184
12	$\mathcal{O}(2; \{4^2, 3^{18}\})$	3623906304
12	$\mathcal{O}(2; \{4^4, 2^{21}\})$	163840
12	$\mathcal{O}(2; \{4^4, 3^3, 2^{17}\})$	331776
12	$\mathcal{O}(2; \{4^4, 3^6, 2^{13}\})$	3649536
12	$\mathcal{O}(2; \{4^4, 3^9, 2^9\})$	28200960
12	$\mathcal{O}(2; \{4^4, 3^{12}, 2^5\})$	226603008
12	$\mathcal{O}(2; \{4^4, 3^{15}, 2\})$	1811828736
12	$\mathcal{O}(2; \{4^6, 2^{18}\})$	655360
12	$\mathcal{O}(2; \{4^6, 3^3, 2^{14}\})$	1327104
12	$\mathcal{O}(2; \{4^6, 3^6, 2^{10}\})$	14598144
12	$\mathcal{O}(2; \{4^6, 3^9, 2^6\})$	112803840
12	$\mathcal{O}(2; \{4^6, 3^{12}, 2^2\})$	906412032
12	$\mathcal{O}(2; \{4^8, 2^{15}\})$	2621440
12	$\mathcal{O}(2; \{4^8, 3^3, 2^{11}\})$	5308416
12	$\mathcal{O}(2; \{4^8, 3^6, 2^7\})$	58392576
12	$\mathcal{O}(2; \{4^8, 3^9, 2^3\})$	451215360
12	$\mathcal{O}(2; \{4^{10}, 2^{12}\})$	10485760
12	$\mathcal{O}(2; \{4^{10}, 3^3, 2^8\})$	21233664
12	$\mathcal{O}(2; \{4^{10}, 3^6, 2^4\})$	233570304
12	$\mathcal{O}(2; \{4^{10}, 3^9\})$	1804861440
12	$\mathcal{O}(2; \{4^{12}, 2^9\})$	41943040

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{4^{12}, 3^3, 2^5\})$	84934656
12	$\mathcal{O}(2; \{4^{12}, 3^6, 2\})$	934281216
12	$\mathcal{O}(2; \{4^{14}, 2^6\})$	167772160
12	$\mathcal{O}(2; \{4^{14}, 3^3, 2^2\})$	339738624
12	$\mathcal{O}(2; \{4^{16}, 2^3\})$	671088640
12	$\mathcal{O}(2; \{4^{18}\})$	2684354560
12	$\mathcal{O}(2; \{6, 4^2, 3, 2^{21}\})$	82944
12	$\mathcal{O}(2; \{6, 4^2, 3^4, 2^{17}\})$	414720
12	$\mathcal{O}(2; \{6, 4^2, 3^7, 2^{13}\})$	3566592
12	$\mathcal{O}(2; \{6, 4^2, 3^{10}, 2^9\})$	28283904
12	$\mathcal{O}(2; \{6, 4^2, 3^{13}, 2^5\})$	226520064
12	$\mathcal{O}(2; \{6, 4^2, 3^{16}, 2\})$	1811911680
12	$\mathcal{O}(2; \{6, 4^4, 3, 2^{18}\})$	331776
12	$\mathcal{O}(2; \{6, 4^4, 3^4, 2^{14}\})$	1658880
12	$\mathcal{O}(2; \{6, 4^4, 3^7, 2^{10}\})$	14266368
12	$\mathcal{O}(2; \{6, 4^4, 3^{10}, 2^6\})$	113135616
12	$\mathcal{O}(2; \{6, 4^4, 3^{13}, 2^2\})$	906080256
12	$\mathcal{O}(2; \{6, 4^6, 3, 2^{15}\})$	1327104
12	$\mathcal{O}(2; \{6, 4^6, 3^4, 2^{11}\})$	6635520
12	$\mathcal{O}(2; \{6, 4^6, 3^7, 2^7\})$	57065472
12	$\mathcal{O}(2; \{6, 4^6, 3^{10}, 2^3\})$	452542464
12	$\mathcal{O}(2; \{6, 4^8, 3, 2^{12}\})$	5308416
12	$\mathcal{O}(2; \{6, 4^8, 3^4, 2^8\})$	26542080
12	$\mathcal{O}(2; \{6, 4^8, 3^7, 2^4\})$	228261888
12	$\mathcal{O}(2; \{6, 4^8, 3^{10}\})$	1810169856
12	$\mathcal{O}(2; \{6, 4^{10}, 3, 2^9\})$	21233664
12	$\mathcal{O}(2; \{6, 4^{10}, 3^4, 2^5\})$	106168320
12	$\mathcal{O}(2; \{6, 4^{10}, 3^7, 2\})$	913047552
12	$\mathcal{O}(2; \{6, 4^{12}, 3, 2^6\})$	84934656
12	$\mathcal{O}(2; \{6, 4^{12}, 3^4, 2^2\})$	424673280
12	$\mathcal{O}(2; \{6, 4^{14}, 3, 2^3\})$	339738624
12	$\mathcal{O}(2; \{6, 4^{16}, 3\})$	1358954496
12	$\mathcal{O}(2; \{6^2, 4^2, 3^2, 2^{18}\})$	248832
12	$\mathcal{O}(2; \{6^2, 4^2, 3^5, 2^{14}\})$	1741824
12	$\mathcal{O}(2; \{6^2, 4^2, 3^8, 2^{10}\})$	14183424
12	$\mathcal{O}(2; \{6^2, 4^2, 3^{11}, 2^6\})$	113218560
12	$\mathcal{O}(2; \{6^2, 4^2, 3^{14}, 2^2\})$	905997312
12	$\mathcal{O}(2; \{6^2, 4^4, 3^2, 2^{15}\})$	995328
12	$\mathcal{O}(2; \{6^2, 4^4, 3^5, 2^{11}\})$	6967296
12	$\mathcal{O}(2; \{6^2, 4^4, 3^8, 2^7\})$	56733696
12	$\mathcal{O}(2; \{6^2, 4^4, 3^{11}, 2^3\})$	452874240
12	$\mathcal{O}(2; \{6^2, 4^6, 3^2, 2^{12}\})$	3981312
12	$\mathcal{O}(2; \{6^2, 4^6, 3^5, 2^8\})$	27869184

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^2, 4^6, 3^8, 2^4\})$	226934784
12	$\mathcal{O}(2; \{6^2, 4^6, 3^{11}\})$	1811496960
12	$\mathcal{O}(2; \{6^2, 4^8, 3^2, 2^9\})$	15925248
12	$\mathcal{O}(2; \{6^2, 4^8, 3^5, 2^5\})$	111476736
12	$\mathcal{O}(2; \{6^2, 4^8, 3^8, 2\})$	907739136
12	$\mathcal{O}(2; \{6^2, 4^{10}, 3^2, 2^6\})$	63700992
12	$\mathcal{O}(2; \{6^2, 4^{10}, 3^5, 2^2\})$	445906944
12	$\mathcal{O}(2; \{6^2, 4^{12}, 3^2, 2^3\})$	254803968
12	$\mathcal{O}(2; \{6^2, 4^{14}, 3^2\})$	1019215872
12	$\mathcal{O}(2; \{6^3, 4^2, 2^{19}\})$	82944
12	$\mathcal{O}(2; \{6^3, 4^2, 3^3, 2^{15}\})$	912384
12	$\mathcal{O}(2; \{6^3, 4^2, 3^6, 2^{11}\})$	7050240
12	$\mathcal{O}(2; \{6^3, 4^2, 3^9, 2^7\})$	56650752
12	$\mathcal{O}(2; \{6^3, 4^2, 3^{12}, 2^3\})$	452957184
12	$\mathcal{O}(2; \{6^3, 4^4, 2^{16}\})$	331776
12	$\mathcal{O}(2; \{6^3, 4^4, 3^3, 2^{12}\})$	3649536
12	$\mathcal{O}(2; \{6^3, 4^4, 3^6, 2^8\})$	28200960
12	$\mathcal{O}(2; \{6^3, 4^4, 3^9, 2^4\})$	226603008
12	$\mathcal{O}(2; \{6^3, 4^4, 3^{12}\})$	1811828736
12	$\mathcal{O}(2; \{6^3, 4^6, 2^{13}\})$	1327104
12	$\mathcal{O}(2; \{6^3, 4^6, 3^3, 2^9\})$	14598144
12	$\mathcal{O}(2; \{6^3, 4^6, 3^6, 2^5\})$	112803840
12	$\mathcal{O}(2; \{6^3, 4^6, 3^9, 2\})$	906412032
12	$\mathcal{O}(2; \{6^3, 4^8, 2^{10}\})$	5308416
12	$\mathcal{O}(2; \{6^3, 4^8, 3^3, 2^6\})$	58392576
12	$\mathcal{O}(2; \{6^3, 4^8, 3^6, 2^2\})$	451215360
12	$\mathcal{O}(2; \{6^3, 4^{10}, 2^7\})$	21233664
12	$\mathcal{O}(2; \{6^3, 4^{10}, 3^3, 2^3\})$	233570304
12	$\mathcal{O}(2; \{6^3, 4^{12}, 2^4\})$	84934656
12	$\mathcal{O}(2; \{6^3, 4^{12}, 3^3\})$	934281216
12	$\mathcal{O}(2; \{6^3, 4^{14}, 2\})$	339738624
12	$\mathcal{O}(2; \{6^4, 4^2, 3, 2^{16}\})$	414720
12	$\mathcal{O}(2; \{6^4, 4^2, 3^4, 2^{12}\})$	3566592
12	$\mathcal{O}(2; \{6^4, 4^2, 3^7, 2^8\})$	28283904
12	$\mathcal{O}(2; \{6^4, 4^2, 3^{10}, 2^4\})$	226520064
12	$\mathcal{O}(2; \{6^4, 4^2, 3^{13}\})$	1811911680
12	$\mathcal{O}(2; \{6^4, 4^4, 3, 2^{13}\})$	1658880
12	$\mathcal{O}(2; \{6^4, 4^4, 3^4, 2^9\})$	14266368
12	$\mathcal{O}(2; \{6^4, 4^4, 3^7, 2^5\})$	113135616
12	$\mathcal{O}(2; \{6^4, 4^4, 3^{10}, 2\})$	906080256
12	$\mathcal{O}(2; \{6^4, 4^6, 3, 2^{10}\})$	6635520
12	$\mathcal{O}(2; \{6^4, 4^6, 3^4, 2^6\})$	57065472
12	$\mathcal{O}(2; \{6^4, 4^6, 3^7, 2^2\})$	452542464

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^4, 4^8, 3, 2^7\})$	26542080
12	$\mathcal{O}(2; \{6^4, 4^8, 3^4, 2^3\})$	228261888
12	$\mathcal{O}(2; \{6^4, 4^{10}, 3, 2^4\})$	106168320
12	$\mathcal{O}(2; \{6^4, 4^{10}, 3^4\})$	913047552
12	$\mathcal{O}(2; \{6^4, 4^{12}, 3, 2\})$	424673280
12	$\mathcal{O}(2; \{6^5, 4^2, 3^2, 2^{13}\})$	1741824
12	$\mathcal{O}(2; \{6^5, 4^2, 3^5, 2^9\})$	14183424
12	$\mathcal{O}(2; \{6^5, 4^2, 3^8, 2^5\})$	113218560
12	$\mathcal{O}(2; \{6^5, 4^2, 3^{11}, 2\})$	905997312
12	$\mathcal{O}(2; \{6^5, 4^4, 3^2, 2^{10}\})$	6967296
12	$\mathcal{O}(2; \{6^5, 4^4, 3^5, 2^6\})$	56733696
12	$\mathcal{O}(2; \{6^5, 4^4, 3^8, 2^2\})$	452874240
12	$\mathcal{O}(2; \{6^5, 4^6, 3^2, 2^7\})$	27869184
12	$\mathcal{O}(2; \{6^5, 4^6, 3^5, 2^3\})$	226934784
12	$\mathcal{O}(2; \{6^5, 4^8, 3^2, 2^4\})$	111476736
12	$\mathcal{O}(2; \{6^5, 4^8, 3^5\})$	907739136
12	$\mathcal{O}(2; \{6^5, 4^{10}, 3^2, 2\})$	445906944
12	$\mathcal{O}(2; \{6^6, 4^2, 2^{14}\})$	912384
12	$\mathcal{O}(2; \{6^6, 4^2, 3^3, 2^{10}\})$	7050240
12	$\mathcal{O}(2; \{6^6, 4^2, 3^6, 2^6\})$	56650752
12	$\mathcal{O}(2; \{6^6, 4^2, 3^9, 2^2\})$	452957184
12	$\mathcal{O}(2; \{6^6, 4^4, 2^{11}\})$	3649536
12	$\mathcal{O}(2; \{6^6, 4^4, 3^3, 2^7\})$	28200960
12	$\mathcal{O}(2; \{6^6, 4^4, 3^6, 2^3\})$	226603008
12	$\mathcal{O}(2; \{6^6, 4^6, 2^8\})$	14598144
12	$\mathcal{O}(2; \{6^6, 4^6, 3^3, 2^4\})$	112803840
12	$\mathcal{O}(2; \{6^6, 4^6, 3^6\})$	906412032
12	$\mathcal{O}(2; \{6^6, 4^8, 2^5\})$	58392576
12	$\mathcal{O}(2; \{6^6, 4^8, 3^3, 2\})$	451215360
12	$\mathcal{O}(2; \{6^6, 4^{10}, 2^2\})$	233570304
12	$\mathcal{O}(2; \{6^7, 4^2, 3, 2^{11}\})$	3566592
12	$\mathcal{O}(2; \{6^7, 4^2, 3^4, 2^7\})$	28283904
12	$\mathcal{O}(2; \{6^7, 4^2, 3^7, 2^3\})$	226520064
12	$\mathcal{O}(2; \{6^7, 4^4, 3, 2^8\})$	14266368
12	$\mathcal{O}(2; \{6^7, 4^4, 3^4, 2^4\})$	113135616
12	$\mathcal{O}(2; \{6^7, 4^4, 3^7\})$	906080256
12	$\mathcal{O}(2; \{6^7, 4^6, 3, 2^5\})$	57065472
12	$\mathcal{O}(2; \{6^7, 4^6, 3^4, 2\})$	452542464
12	$\mathcal{O}(2; \{6^7, 4^8, 3, 2^2\})$	228261888
12	$\mathcal{O}(2; \{6^8, 4^2, 3^2, 2^8\})$	14183424
12	$\mathcal{O}(2; \{6^8, 4^2, 3^5, 2^4\})$	113218560
12	$\mathcal{O}(2; \{6^8, 4^2, 3^8\})$	905997312
12	$\mathcal{O}(2; \{6^8, 4^4, 3^2, 2^5\})$	56733696

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^8, 4^4, 3^5, 2\})$	452874240
12	$\mathcal{O}(2; \{6^8, 4^6, 3^2, 2^2\})$	226934784
12	$\mathcal{O}(2; \{6^9, 4^2, 2^9\})$	7050240
12	$\mathcal{O}(2; \{6^9, 4^2, 3^3, 2^5\})$	56650752
12	$\mathcal{O}(2; \{6^9, 4^2, 3^6, 2\})$	452957184
12	$\mathcal{O}(2; \{6^9, 4^4, 2^6\})$	28200960
12	$\mathcal{O}(2; \{6^9, 4^4, 3^3, 2^2\})$	226603008
12	$\mathcal{O}(2; \{6^9, 4^6, 2^3\})$	112803840
12	$\mathcal{O}(2; \{6^9, 4^8\})$	451215360
12	$\mathcal{O}(2; \{6^{10}, 4^2, 3, 2^6\})$	28283904
12	$\mathcal{O}(2; \{6^{10}, 4^2, 3^4, 2^2\})$	226520064
12	$\mathcal{O}(2; \{6^{10}, 4^4, 3, 2^3\})$	113135616
12	$\mathcal{O}(2; \{6^{10}, 4^6, 3\})$	452542464
12	$\mathcal{O}(2; \{6^{11}, 4^2, 3^2, 2^3\})$	113218560
12	$\mathcal{O}(2; \{6^{11}, 4^4, 3^2\})$	452874240
12	$\mathcal{O}(2; \{6^{12}, 4^2, 2^4\})$	56650752
12	$\mathcal{O}(2; \{6^{12}, 4^2, 3^3\})$	452957184
12	$\mathcal{O}(2; \{6^{12}, 4^4, 2\})$	226603008
12	$\mathcal{O}(2; \{6^{13}, 4^2, 3, 2\})$	226520064
12	$\mathcal{O}(2; \{12, 4, 3^2, 2^{21}\})$	82944
12	$\mathcal{O}(2; \{12, 4, 3^5, 2^{17}\})$	912384
12	$\mathcal{O}(2; \{12, 4, 3^8, 2^{13}\})$	7050240
12	$\mathcal{O}(2; \{12, 4, 3^{11}, 2^9\})$	56650752
12	$\mathcal{O}(2; \{12, 4, 3^{14}, 2^5\})$	452957184
12	$\mathcal{O}(2; \{12, 4, 3^{17}, 2\})$	3623906304
12	$\mathcal{O}(2; \{12, 4^3, 3^2, 2^{18}\})$	331776
12	$\mathcal{O}(2; \{12, 4^3, 3^5, 2^{14}\})$	3649536
12	$\mathcal{O}(2; \{12, 4^3, 3^8, 2^{10}\})$	28200960
12	$\mathcal{O}(2; \{12, 4^3, 3^{11}, 2^6\})$	226603008
12	$\mathcal{O}(2; \{12, 4^3, 3^{14}, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{12, 4^5, 3^2, 2^{15}\})$	1327104
12	$\mathcal{O}(2; \{12, 4^5, 3^5, 2^{11}\})$	14598144
12	$\mathcal{O}(2; \{12, 4^5, 3^8, 2^7\})$	112803840
12	$\mathcal{O}(2; \{12, 4^5, 3^{11}, 2^3\})$	906412032
12	$\mathcal{O}(2; \{12, 4^7, 3^2, 2^{12}\})$	5308416
12	$\mathcal{O}(2; \{12, 4^7, 3^5, 2^8\})$	58392576
12	$\mathcal{O}(2; \{12, 4^7, 3^8, 2^4\})$	451215360
12	$\mathcal{O}(2; \{12, 4^7, 3^{11}\})$	3625648128
12	$\mathcal{O}(2; \{12, 4^9, 3^2, 2^9\})$	21233664
12	$\mathcal{O}(2; \{12, 4^9, 3^5, 2^5\})$	233570304
12	$\mathcal{O}(2; \{12, 4^9, 3^8, 2\})$	1804861440
12	$\mathcal{O}(2; \{12, 4^{11}, 3^2, 2^6\})$	84934656
12	$\mathcal{O}(2; \{12, 4^{11}, 3^5, 2^2\})$	934281216

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 4^{13}, 3^2, 2^3\})$	339738624
12	$\mathcal{O}(2; \{12, 4^{15}, 3^2\})$	1358954496
12	$\mathcal{O}(2; \{12, 6, 4, 2^{22}\})$	82944
12	$\mathcal{O}(2; \{12, 6, 4, 3^3, 2^{18}\})$	414720
12	$\mathcal{O}(2; \{12, 6, 4, 3^6, 2^{14}\})$	3566592
12	$\mathcal{O}(2; \{12, 6, 4, 3^9, 2^{10}\})$	28283904
12	$\mathcal{O}(2; \{12, 6, 4, 3^{12}, 2^6\})$	226520064
12	$\mathcal{O}(2; \{12, 6, 4, 3^{15}, 2^2\})$	1811911680
12	$\mathcal{O}(2; \{12, 6, 4^3, 2^{19}\})$	331776
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^3, 2^{15}\})$	1658880
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^6, 2^{11}\})$	14266368
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^9, 2^7\})$	113135616
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^{12}, 2^3\})$	906080256
12	$\mathcal{O}(2; \{12, 6, 4^5, 2^{16}\})$	1327104
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^3, 2^{12}\})$	6635520
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^6, 2^8\})$	57065472
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^9, 2^4\})$	452542464
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^{12}\})$	3624321024
12	$\mathcal{O}(2; \{12, 6, 4^7, 2^{13}\})$	5308416
12	$\mathcal{O}(2; \{12, 6, 4^7, 3^3, 2^9\})$	26542080
12	$\mathcal{O}(2; \{12, 6, 4^7, 3^6, 2^5\})$	228261888
12	$\mathcal{O}(2; \{12, 6, 4^7, 3^9, 2\})$	1810169856
12	$\mathcal{O}(2; \{12, 6, 4^9, 2^{10}\})$	21233664
12	$\mathcal{O}(2; \{12, 6, 4^9, 3^3, 2^6\})$	106168320
12	$\mathcal{O}(2; \{12, 6, 4^9, 3^6, 2^2\})$	913047552
12	$\mathcal{O}(2; \{12, 6, 4^{11}, 2^7\})$	84934656
12	$\mathcal{O}(2; \{12, 6, 4^{11}, 3^3, 2^3\})$	424673280
12	$\mathcal{O}(2; \{12, 6, 4^{13}, 2^4\})$	339738624
12	$\mathcal{O}(2; \{12, 6, 4^{13}, 3^3\})$	1698693120
12	$\mathcal{O}(2; \{12, 6, 4^{15}, 2\})$	1358954496
12	$\mathcal{O}(2; \{12, 6^2, 4, 3, 2^{19}\})$	248832
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^4, 2^{15}\})$	1741824
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^7, 2^{11}\})$	14183424
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^{10}, 2^7\})$	113218560
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^{13}, 2^3\})$	905997312
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3, 2^{16}\})$	995328
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^4, 2^{12}\})$	6967296
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^7, 2^8\})$	56733696
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^{10}, 2^4\})$	452874240
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^{13}\})$	3623989248
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3, 2^{13}\})$	3981312
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3^4, 2^9\})$	27869184
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3^7, 2^5\})$	226934784

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3^{10}, 2\})$	1811496960
12	$\mathcal{O}(2; \{12, 6^2, 4^7, 3, 2^{10}\})$	15925248
12	$\mathcal{O}(2; \{12, 6^2, 4^7, 3^4, 2^6\})$	111476736
12	$\mathcal{O}(2; \{12, 6^2, 4^7, 3^7, 2^2\})$	907739136
12	$\mathcal{O}(2; \{12, 6^2, 4^9, 3, 2^7\})$	63700992
12	$\mathcal{O}(2; \{12, 6^2, 4^9, 3^4, 2^3\})$	445906944
12	$\mathcal{O}(2; \{12, 6^2, 4^{11}, 3, 2^4\})$	254803968
12	$\mathcal{O}(2; \{12, 6^2, 4^{11}, 3^4\})$	1783627776
12	$\mathcal{O}(2; \{12, 6^2, 4^{13}, 3, 2\})$	1019215872
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^2, 2^{16}\})$	912384
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^5, 2^{12}\})$	7050240
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^8, 2^8\})$	56650752
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^{11}, 2^4\})$	452957184
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^{14}\})$	3623906304
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^2, 2^{13}\})$	3649536
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^5, 2^9\})$	28200960
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^8, 2^5\})$	226603008
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^{11}, 2\})$	1811828736
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 3^2, 2^{10}\})$	14598144
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 3^5, 2^6\})$	112803840
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 3^8, 2^2\})$	906412032
12	$\mathcal{O}(2; \{12, 6^3, 4^7, 3^2, 2^7\})$	58392576
12	$\mathcal{O}(2; \{12, 6^3, 4^7, 3^5, 2^3\})$	451215360
12	$\mathcal{O}(2; \{12, 6^3, 4^9, 3^2, 2^4\})$	233570304
12	$\mathcal{O}(2; \{12, 6^3, 4^9, 3^5\})$	1804861440
12	$\mathcal{O}(2; \{12, 6^3, 4^{11}, 3^2, 2\})$	934281216
12	$\mathcal{O}(2; \{12, 6^4, 4, 2^{17}\})$	414720
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^3, 2^{13}\})$	3566592
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^6, 2^9\})$	28283904
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^9, 2^5\})$	226520064
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^{12}, 2\})$	1811911680
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 2^{14}\})$	1658880
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3^3, 2^{10}\})$	14266368
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3^6, 2^6\})$	113135616
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3^9, 2^2\})$	906080256
12	$\mathcal{O}(2; \{12, 6^4, 4^5, 2^{11}\})$	6635520
12	$\mathcal{O}(2; \{12, 6^4, 4^5, 3^3, 2^7\})$	57065472
12	$\mathcal{O}(2; \{12, 6^4, 4^5, 3^6, 2^3\})$	452542464
12	$\mathcal{O}(2; \{12, 6^4, 4^7, 2^8\})$	26542080
12	$\mathcal{O}(2; \{12, 6^4, 4^7, 3^3, 2^4\})$	228261888
12	$\mathcal{O}(2; \{12, 6^4, 4^7, 3^6\})$	1810169856
12	$\mathcal{O}(2; \{12, 6^4, 4^9, 2^5\})$	106168320
12	$\mathcal{O}(2; \{12, 6^4, 4^9, 3^3, 2\})$	913047552

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 6^4, 4^{11}, 2^2\})$	424673280
12	$\mathcal{O}(2; \{12, 6^5, 4, 3, 2^{14}\})$	1741824
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^4, 2^{10}\})$	14183424
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^7, 2^6\})$	113218560
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^{10}, 2^2\})$	905997312
12	$\mathcal{O}(2; \{12, 6^5, 4^3, 3, 2^{11}\})$	6967296
12	$\mathcal{O}(2; \{12, 6^5, 4^3, 3^4, 2^7\})$	56733696
12	$\mathcal{O}(2; \{12, 6^5, 4^3, 3^7, 2^3\})$	452874240
12	$\mathcal{O}(2; \{12, 6^5, 4^5, 3, 2^8\})$	27869184
12	$\mathcal{O}(2; \{12, 6^5, 4^5, 3^4, 2^4\})$	226934784
12	$\mathcal{O}(2; \{12, 6^5, 4^5, 3^7\})$	1811496960
12	$\mathcal{O}(2; \{12, 6^5, 4^7, 3, 2^5\})$	111476736
12	$\mathcal{O}(2; \{12, 6^5, 4^7, 3^4, 2\})$	907739136
12	$\mathcal{O}(2; \{12, 6^5, 4^9, 3, 2^2\})$	445906944
12	$\mathcal{O}(2; \{12, 6^6, 4, 3^2, 2^{11}\})$	7050240
12	$\mathcal{O}(2; \{12, 6^6, 4, 3^5, 2^7\})$	56650752
12	$\mathcal{O}(2; \{12, 6^6, 4, 3^8, 2^3\})$	452957184
12	$\mathcal{O}(2; \{12, 6^6, 4^3, 3^2, 2^8\})$	28200960
12	$\mathcal{O}(2; \{12, 6^6, 4^3, 3^5, 2^4\})$	226603008
12	$\mathcal{O}(2; \{12, 6^6, 4^3, 3^8\})$	1811828736
12	$\mathcal{O}(2; \{12, 6^6, 4^5, 3^2, 2^5\})$	112803840
12	$\mathcal{O}(2; \{12, 6^6, 4^5, 3^5, 2\})$	906412032
12	$\mathcal{O}(2; \{12, 6^6, 4^7, 3^2, 2^2\})$	451215360
12	$\mathcal{O}(2; \{12, 6^7, 4, 2^{12}\})$	3566592
12	$\mathcal{O}(2; \{12, 6^7, 4, 3^3, 2^8\})$	28283904
12	$\mathcal{O}(2; \{12, 6^7, 4, 3^6, 2^4\})$	226520064
12	$\mathcal{O}(2; \{12, 6^7, 4, 3^9\})$	1811911680
12	$\mathcal{O}(2; \{12, 6^7, 4^3, 2^9\})$	14266368
12	$\mathcal{O}(2; \{12, 6^7, 4^3, 3^3, 2^5\})$	113135616
12	$\mathcal{O}(2; \{12, 6^7, 4^3, 3^6, 2\})$	906080256
12	$\mathcal{O}(2; \{12, 6^7, 4^5, 2^6\})$	57065472
12	$\mathcal{O}(2; \{12, 6^7, 4^5, 3^3, 2^2\})$	452542464
12	$\mathcal{O}(2; \{12, 6^7, 4^7, 2^3\})$	228261888
12	$\mathcal{O}(2; \{12, 6^7, 4^9\})$	913047552
12	$\mathcal{O}(2; \{12, 6^8, 4, 3, 2^9\})$	14183424
12	$\mathcal{O}(2; \{12, 6^8, 4, 3^4, 2^5\})$	113218560
12	$\mathcal{O}(2; \{12, 6^8, 4, 3^7, 2\})$	905997312
12	$\mathcal{O}(2; \{12, 6^8, 4^3, 3, 2^6\})$	56733696
12	$\mathcal{O}(2; \{12, 6^8, 4^3, 3^4, 2^2\})$	452874240
12	$\mathcal{O}(2; \{12, 6^8, 4^5, 3, 2^3\})$	226934784
12	$\mathcal{O}(2; \{12, 6^8, 4^7, 3\})$	907739136
12	$\mathcal{O}(2; \{12, 6^9, 4, 3^2, 2^6\})$	56650752
12	$\mathcal{O}(2; \{12, 6^9, 4, 3^5, 2^2\})$	452957184

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 6^9, 4^3, 3^2, 2^3\})$	226603008
12	$\mathcal{O}(2; \{12, 6^9, 4^5, 3^2\})$	906412032
12	$\mathcal{O}(2; \{12, 6^{10}, 4, 2^7\})$	28283904
12	$\mathcal{O}(2; \{12, 6^{10}, 4, 3^3, 2^3\})$	226520064
12	$\mathcal{O}(2; \{12, 6^{10}, 4^3, 2^4\})$	113135616
12	$\mathcal{O}(2; \{12, 6^{10}, 4^3, 3^3\})$	906080256
12	$\mathcal{O}(2; \{12, 6^{10}, 4^5, 2\})$	452542464
12	$\mathcal{O}(2; \{12, 6^{11}, 4, 3, 2^4\})$	113218560
12	$\mathcal{O}(2; \{12, 6^{11}, 4, 3^4\})$	905997312
12	$\mathcal{O}(2; \{12, 6^{11}, 4^3, 3, 2\})$	452874240
12	$\mathcal{O}(2; \{12, 6^{12}, 4, 3^2, 2\})$	452957184
12	$\mathcal{O}(2; \{12, 6^{13}, 4, 2^2\})$	226520064
12	$\mathcal{O}(2; \{12^2, 3, 2^{22}\})$	82944
12	$\mathcal{O}(2; \{12^2, 3^4, 2^{18}\})$	912384
12	$\mathcal{O}(2; \{12^2, 3^7, 2^{14}\})$	7050240
12	$\mathcal{O}(2; \{12^2, 3^{10}, 2^{10}\})$	56650752
12	$\mathcal{O}(2; \{12^2, 3^{13}, 2^6\})$	452957184
12	$\mathcal{O}(2; \{12^2, 3^{16}, 2^2\})$	3623906304
12	$\mathcal{O}(2; \{12^2, 4^2, 3, 2^{19}\})$	331776
12	$\mathcal{O}(2; \{12^2, 4^2, 3^4, 2^{15}\})$	3649536
12	$\mathcal{O}(2; \{12^2, 4^2, 3^7, 2^{11}\})$	28200960
12	$\mathcal{O}(2; \{12^2, 4^2, 3^{10}, 2^7\})$	226603008
12	$\mathcal{O}(2; \{12^2, 4^2, 3^{13}, 2^3\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 4^4, 3, 2^{16}\})$	1327104
12	$\mathcal{O}(2; \{12^2, 4^4, 3^4, 2^{12}\})$	14598144
12	$\mathcal{O}(2; \{12^2, 4^4, 3^7, 2^8\})$	112803840
12	$\mathcal{O}(2; \{12^2, 4^4, 3^{10}, 2^4\})$	906412032
12	$\mathcal{O}(2; \{12^2, 4^4, 3^{13}\})$	7247314944
12	$\mathcal{O}(2; \{12^2, 4^6, 3, 2^{13}\})$	5308416
12	$\mathcal{O}(2; \{12^2, 4^6, 3^4, 2^9\})$	58392576
12	$\mathcal{O}(2; \{12^2, 4^6, 3^7, 2^5\})$	451215360
12	$\mathcal{O}(2; \{12^2, 4^6, 3^{10}, 2\})$	3625648128
12	$\mathcal{O}(2; \{12^2, 4^8, 3, 2^{10}\})$	21233664
12	$\mathcal{O}(2; \{12^2, 4^8, 3^4, 2^6\})$	233570304
12	$\mathcal{O}(2; \{12^2, 4^8, 3^7, 2^2\})$	1804861440
12	$\mathcal{O}(2; \{12^2, 4^{10}, 3, 2^7\})$	84934656
12	$\mathcal{O}(2; \{12^2, 4^{10}, 3^4, 2^3\})$	934281216
12	$\mathcal{O}(2; \{12^2, 4^{12}, 3, 2^4\})$	339738624
12	$\mathcal{O}(2; \{12^2, 4^{12}, 3^4\})$	3737124864
12	$\mathcal{O}(2; \{12^2, 4^{14}, 3, 2\})$	1358954496
12	$\mathcal{O}(2; \{12^2, 6, 3^2, 2^{19}\})$	414720
12	$\mathcal{O}(2; \{12^2, 6, 3^5, 2^{15}\})$	3566592
12	$\mathcal{O}(2; \{12^2, 6, 3^8, 2^{11}\})$	28283904

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 6, 3^{11}, 2^7\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6, 3^{14}, 2^3\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^2, 2^{16}\})$	1658880
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^5, 2^{12}\})$	14266368
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^8, 2^8\})$	113135616
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^{11}, 2^4\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^{14}\})$	7247646720
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^2, 2^{13}\})$	6635520
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^5, 2^9\})$	57065472
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^8, 2^5\})$	452542464
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^{11}, 2\})$	3624321024
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 3^2, 2^{10}\})$	26542080
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 3^5, 2^6\})$	228261888
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 3^8, 2^2\})$	1810169856
12	$\mathcal{O}(2; \{12^2, 6, 4^8, 3^2, 2^7\})$	106168320
12	$\mathcal{O}(2; \{12^2, 6, 4^8, 3^5, 2^3\})$	913047552
12	$\mathcal{O}(2; \{12^2, 6, 4^{10}, 3^2, 2^4\})$	424673280
12	$\mathcal{O}(2; \{12^2, 6, 4^{10}, 3^5\})$	3652190208
12	$\mathcal{O}(2; \{12^2, 6, 4^{12}, 3^2, 2\})$	1698693120
12	$\mathcal{O}(2; \{12^2, 6^2, 2^{20}\})$	248832
12	$\mathcal{O}(2; \{12^2, 6^2, 3^3, 2^{16}\})$	1741824
12	$\mathcal{O}(2; \{12^2, 6^2, 3^6, 2^{12}\})$	14183424
12	$\mathcal{O}(2; \{12^2, 6^2, 3^9, 2^8\})$	113218560
12	$\mathcal{O}(2; \{12^2, 6^2, 3^{12}, 2^4\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^2, 3^{15}\})$	7247729664
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 2^{17}\})$	995328
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^3, 2^{13}\})$	6967296
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^6, 2^9\})$	56733696
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^9, 2^5\})$	452874240
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^{12}, 2\})$	3623989248
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 2^{14}\})$	3981312
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3^3, 2^{10}\})$	27869184
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3^6, 2^6\})$	226934784
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3^9, 2^2\})$	1811496960
12	$\mathcal{O}(2; \{12^2, 6^2, 4^6, 2^{11}\})$	15925248
12	$\mathcal{O}(2; \{12^2, 6^2, 4^6, 3^3, 2^7\})$	111476736
12	$\mathcal{O}(2; \{12^2, 6^2, 4^6, 3^6, 2^3\})$	907739136
12	$\mathcal{O}(2; \{12^2, 6^2, 4^8, 2^8\})$	63700992
12	$\mathcal{O}(2; \{12^2, 6^2, 4^8, 3^3, 2^4\})$	445906944
12	$\mathcal{O}(2; \{12^2, 6^2, 4^8, 3^6\})$	3630956544
12	$\mathcal{O}(2; \{12^2, 6^2, 4^{10}, 2^5\})$	254803968
12	$\mathcal{O}(2; \{12^2, 6^2, 4^{10}, 3^3, 2\})$	1783627776
12	$\mathcal{O}(2; \{12^2, 6^2, 4^{12}, 2^2\})$	1019215872

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 6^3, 3, 2^{17}\})$	912384
12	$\mathcal{O}(2; \{12^2, 6^3, 3^4, 2^{13}\})$	7050240
12	$\mathcal{O}(2; \{12^2, 6^3, 3^7, 2^9\})$	56650752
12	$\mathcal{O}(2; \{12^2, 6^3, 3^{10}, 2^5\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^3, 3^{13}, 2\})$	3623906304
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3, 2^{14}\})$	3649536
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^4, 2^{10}\})$	28200960
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^7, 2^6\})$	226603008
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^{10}, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6^3, 4^4, 3, 2^{11}\})$	14598144
12	$\mathcal{O}(2; \{12^2, 6^3, 4^4, 3^4, 2^7\})$	112803840
12	$\mathcal{O}(2; \{12^2, 6^3, 4^4, 3^7, 2^3\})$	906412032
12	$\mathcal{O}(2; \{12^2, 6^3, 4^6, 3, 2^8\})$	58392576
12	$\mathcal{O}(2; \{12^2, 6^3, 4^6, 3^4, 2^4\})$	451215360
12	$\mathcal{O}(2; \{12^2, 6^3, 4^6, 3^7\})$	3625648128
12	$\mathcal{O}(2; \{12^2, 6^3, 4^8, 3, 2^5\})$	233570304
12	$\mathcal{O}(2; \{12^2, 6^3, 4^8, 3^4, 2\})$	1804861440
12	$\mathcal{O}(2; \{12^2, 6^3, 4^{10}, 3, 2^2\})$	934281216
12	$\mathcal{O}(2; \{12^2, 6^4, 3^2, 2^{14}\})$	3566592
12	$\mathcal{O}(2; \{12^2, 6^4, 3^5, 2^{10}\})$	28283904
12	$\mathcal{O}(2; \{12^2, 6^4, 3^8, 2^6\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^4, 3^{11}, 2^2\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 3^2, 2^{11}\})$	14266368
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 3^5, 2^7\})$	113135616
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 3^8, 2^3\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^4, 4^4, 3^2, 2^8\})$	57065472
12	$\mathcal{O}(2; \{12^2, 6^4, 4^4, 3^5, 2^4\})$	452542464
12	$\mathcal{O}(2; \{12^2, 6^4, 4^4, 3^8\})$	3624321024
12	$\mathcal{O}(2; \{12^2, 6^4, 4^6, 3^2, 2^5\})$	228261888
12	$\mathcal{O}(2; \{12^2, 6^4, 4^6, 3^5, 2\})$	1810169856
12	$\mathcal{O}(2; \{12^2, 6^4, 4^8, 3^2, 2^2\})$	913047552
12	$\mathcal{O}(2; \{12^2, 6^5, 2^{15}\})$	1741824
12	$\mathcal{O}(2; \{12^2, 6^5, 3^3, 2^{11}\})$	14183424
12	$\mathcal{O}(2; \{12^2, 6^5, 3^6, 2^7\})$	113218560
12	$\mathcal{O}(2; \{12^2, 6^5, 3^9, 2^3\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^5, 4^2, 2^{12}\})$	6967296
12	$\mathcal{O}(2; \{12^2, 6^5, 4^2, 3^3, 2^8\})$	56733696
12	$\mathcal{O}(2; \{12^2, 6^5, 4^2, 3^6, 2^4\})$	452874240
12	$\mathcal{O}(2; \{12^2, 6^5, 4^2, 3^9\})$	3623989248
12	$\mathcal{O}(2; \{12^2, 6^5, 4^4, 2^9\})$	27869184
12	$\mathcal{O}(2; \{12^2, 6^5, 4^4, 3^3, 2^5\})$	226934784
12	$\mathcal{O}(2; \{12^2, 6^5, 4^4, 3^6, 2\})$	1811496960
12	$\mathcal{O}(2; \{12^2, 6^5, 4^6, 2^6\})$	111476736

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 6^5, 4^6, 3^3, 2^2\})$	907739136
12	$\mathcal{O}(2; \{12^2, 6^5, 4^8, 2^3\})$	445906944
12	$\mathcal{O}(2; \{12^2, 6^5, 4^{10}\})$	1783627776
12	$\mathcal{O}(2; \{12^2, 6^6, 3, 2^{12}\})$	7050240
12	$\mathcal{O}(2; \{12^2, 6^6, 3^4, 2^8\})$	56650752
12	$\mathcal{O}(2; \{12^2, 6^6, 3^7, 2^4\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^6, 3^{10}\})$	3623906304
12	$\mathcal{O}(2; \{12^2, 6^6, 4^2, 3, 2^9\})$	28200960
12	$\mathcal{O}(2; \{12^2, 6^6, 4^2, 3^4, 2^5\})$	226603008
12	$\mathcal{O}(2; \{12^2, 6^6, 4^2, 3^7, 2\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6^6, 4^4, 3, 2^6\})$	112803840
12	$\mathcal{O}(2; \{12^2, 6^6, 4^4, 3^4, 2^2\})$	906412032
12	$\mathcal{O}(2; \{12^2, 6^6, 4^6, 3, 2^3\})$	451215360
12	$\mathcal{O}(2; \{12^2, 6^6, 4^8, 3\})$	1804861440
12	$\mathcal{O}(2; \{12^2, 6^7, 3^2, 2^9\})$	28283904
12	$\mathcal{O}(2; \{12^2, 6^7, 3^5, 2^5\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^7, 3^8, 2\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6^7, 4^2, 3^2, 2^6\})$	113135616
12	$\mathcal{O}(2; \{12^2, 6^7, 4^2, 3^5, 2^2\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^7, 4^4, 3^2, 2^3\})$	452542464
12	$\mathcal{O}(2; \{12^2, 6^7, 4^6, 3^2\})$	1810169856
12	$\mathcal{O}(2; \{12^2, 6^8, 2^{10}\})$	14183424
12	$\mathcal{O}(2; \{12^2, 6^8, 3^3, 2^6\})$	113218560
12	$\mathcal{O}(2; \{12^2, 6^8, 3^6, 2^2\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^8, 4^2, 2^7\})$	56733696
12	$\mathcal{O}(2; \{12^2, 6^8, 4^2, 3^3, 2^3\})$	452874240
12	$\mathcal{O}(2; \{12^2, 6^8, 4^4, 2^4\})$	226934784
12	$\mathcal{O}(2; \{12^2, 6^8, 4^4, 3^3\})$	1811496960
12	$\mathcal{O}(2; \{12^2, 6^8, 4^6, 2\})$	907739136
12	$\mathcal{O}(2; \{12^2, 6^9, 3, 2^7\})$	56650752
12	$\mathcal{O}(2; \{12^2, 6^9, 3^4, 2^3\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^9, 4^2, 3, 2^4\})$	226603008
12	$\mathcal{O}(2; \{12^2, 6^9, 4^2, 3^4\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6^9, 4^4, 3, 2\})$	906412032
12	$\mathcal{O}(2; \{12^2, 6^{10}, 3^2, 2^4\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^{10}, 3^5\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6^{10}, 4^2, 3^2, 2\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^{11}, 2^5\})$	113218560
12	$\mathcal{O}(2; \{12^2, 6^{11}, 3^3, 2\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^{11}, 4^2, 2^2\})$	452874240
12	$\mathcal{O}(2; \{12^2, 6^{12}, 3, 2^2\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^{14}\})$	905997312
12	$\mathcal{O}(2; \{12^3, 4, 2^{20}\})$	331776

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^3, 4, 3^3, 2^{16}\})$	3649536
12	$\mathcal{O}(2; \{12^3, 4, 3^6, 2^{12}\})$	28200960
12	$\mathcal{O}(2; \{12^3, 4, 3^9, 2^8\})$	226603008
12	$\mathcal{O}(2; \{12^3, 4, 3^{12}, 2^4\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 4, 3^{15}\})$	14495625216
12	$\mathcal{O}(2; \{12^3, 4^3, 2^{17}\})$	1327104
12	$\mathcal{O}(2; \{12^3, 4^3, 3^3, 2^{13}\})$	14598144
12	$\mathcal{O}(2; \{12^3, 4^3, 3^6, 2^9\})$	112803840
12	$\mathcal{O}(2; \{12^3, 4^3, 3^9, 2^5\})$	906412032
12	$\mathcal{O}(2; \{12^3, 4^3, 3^{12}, 2\})$	7247314944
12	$\mathcal{O}(2; \{12^3, 4^5, 2^{14}\})$	5308416
12	$\mathcal{O}(2; \{12^3, 4^5, 3^3, 2^{10}\})$	58392576
12	$\mathcal{O}(2; \{12^3, 4^5, 3^6, 2^6\})$	451215360
12	$\mathcal{O}(2; \{12^3, 4^5, 3^9, 2^2\})$	3625648128
12	$\mathcal{O}(2; \{12^3, 4^7, 2^{11}\})$	21233664
12	$\mathcal{O}(2; \{12^3, 4^7, 3^3, 2^7\})$	233570304
12	$\mathcal{O}(2; \{12^3, 4^7, 3^6, 2^3\})$	1804861440
12	$\mathcal{O}(2; \{12^3, 4^9, 2^8\})$	84934656
12	$\mathcal{O}(2; \{12^3, 4^9, 3^3, 2^4\})$	934281216
12	$\mathcal{O}(2; \{12^3, 4^9, 3^6\})$	7219445760
12	$\mathcal{O}(2; \{12^3, 4^{11}, 2^5\})$	339738624
12	$\mathcal{O}(2; \{12^3, 4^{11}, 3^3, 2\})$	3737124864
12	$\mathcal{O}(2; \{12^3, 4^{13}, 2^2\})$	1358954496
12	$\mathcal{O}(2; \{12^3, 6, 4, 3, 2^{17}\})$	1658880
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^4, 2^{13}\})$	14266368
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^7, 2^9\})$	113135616
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^{10}, 2^5\})$	906080256
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^{13}, 2\})$	7247646720
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3, 2^{14}\})$	6635520
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^4, 2^{10}\})$	57065472
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^7, 2^6\})$	452542464
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^{10}, 2^2\})$	3624321024
12	$\mathcal{O}(2; \{12^3, 6, 4^5, 3, 2^{11}\})$	26542080
12	$\mathcal{O}(2; \{12^3, 6, 4^5, 3^4, 2^7\})$	228261888
12	$\mathcal{O}(2; \{12^3, 6, 4^5, 3^7, 2^3\})$	1810169856
12	$\mathcal{O}(2; \{12^3, 6, 4^7, 3, 2^8\})$	106168320
12	$\mathcal{O}(2; \{12^3, 6, 4^7, 3^4, 2^4\})$	913047552
12	$\mathcal{O}(2; \{12^3, 6, 4^7, 3^7\})$	7240679424
12	$\mathcal{O}(2; \{12^3, 6, 4^9, 3, 2^5\})$	424673280
12	$\mathcal{O}(2; \{12^3, 6, 4^9, 3^4, 2\})$	3652190208
12	$\mathcal{O}(2; \{12^3, 6, 4^{11}, 3, 2^2\})$	1698693120
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^2, 2^{14}\})$	6967296
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^5, 2^{10}\})$	56733696

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^8, 2^6\})$	452874240
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^{11}, 2^2\})$	3623989248
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 3^2, 2^{11}\})$	27869184
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 3^5, 2^7\})$	226934784
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 3^8, 2^3\})$	1811496960
12	$\mathcal{O}(2; \{12^3, 6^2, 4^5, 3^2, 2^8\})$	111476736
12	$\mathcal{O}(2; \{12^3, 6^2, 4^5, 3^5, 2^4\})$	907739136
12	$\mathcal{O}(2; \{12^3, 6^2, 4^5, 3^8\})$	7245987840
12	$\mathcal{O}(2; \{12^3, 6^2, 4^7, 3^2, 2^5\})$	445906944
12	$\mathcal{O}(2; \{12^3, 6^2, 4^7, 3^5, 2\})$	3630956544
12	$\mathcal{O}(2; \{12^3, 6^2, 4^9, 3^2, 2^2\})$	1783627776
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 2^{15}\})$	3649536
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3^3, 2^{11}\})$	28200960
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3^6, 2^7\})$	226603008
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3^9, 2^3\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 6^3, 4^3, 2^{12}\})$	14598144
12	$\mathcal{O}(2; \{12^3, 6^3, 4^3, 3^3, 2^8\})$	112803840
12	$\mathcal{O}(2; \{12^3, 6^3, 4^3, 3^6, 2^4\})$	906412032
12	$\mathcal{O}(2; \{12^3, 6^3, 4^3, 3^9\})$	7247314944
12	$\mathcal{O}(2; \{12^3, 6^3, 4^5, 2^9\})$	58392576
12	$\mathcal{O}(2; \{12^3, 6^3, 4^5, 3^3, 2^5\})$	451215360
12	$\mathcal{O}(2; \{12^3, 6^3, 4^5, 3^6, 2\})$	3625648128
12	$\mathcal{O}(2; \{12^3, 6^3, 4^7, 2^6\})$	233570304
12	$\mathcal{O}(2; \{12^3, 6^3, 4^7, 3^3, 2^2\})$	1804861440
12	$\mathcal{O}(2; \{12^3, 6^3, 4^9, 2^3\})$	934281216
12	$\mathcal{O}(2; \{12^3, 6^3, 4^{11}\})$	3737124864
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 3, 2^{12}\})$	14266368
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 3^4, 2^8\})$	113135616
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 3^7, 2^4\})$	906080256
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 3^{10}\})$	7247646720
12	$\mathcal{O}(2; \{12^3, 6^4, 4^3, 3, 2^9\})$	57065472
12	$\mathcal{O}(2; \{12^3, 6^4, 4^3, 3^4, 2^5\})$	452542464
12	$\mathcal{O}(2; \{12^3, 6^4, 4^3, 3^7, 2\})$	3624321024
12	$\mathcal{O}(2; \{12^3, 6^4, 4^5, 3, 2^6\})$	228261888
12	$\mathcal{O}(2; \{12^3, 6^4, 4^5, 3^4, 2^2\})$	1810169856
12	$\mathcal{O}(2; \{12^3, 6^4, 4^7, 3, 2^3\})$	913047552
12	$\mathcal{O}(2; \{12^3, 6^4, 4^9, 3\})$	3652190208
12	$\mathcal{O}(2; \{12^3, 6^5, 4, 3^2, 2^9\})$	56733696
12	$\mathcal{O}(2; \{12^3, 6^5, 4, 3^5, 2^5\})$	452874240
12	$\mathcal{O}(2; \{12^3, 6^5, 4, 3^8, 2\})$	3623989248
12	$\mathcal{O}(2; \{12^3, 6^5, 4^3, 3^2, 2^6\})$	226934784
12	$\mathcal{O}(2; \{12^3, 6^5, 4^3, 3^5, 2^2\})$	1811496960
12	$\mathcal{O}(2; \{12^3, 6^5, 4^5, 3^2, 2^3\})$	907739136

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^3, 6^5, 4^7, 3^2\})$	3630956544
12	$\mathcal{O}(2; \{12^3, 6^6, 4, 2^{10}\})$	28200960
12	$\mathcal{O}(2; \{12^3, 6^6, 4, 3^3, 2^6\})$	226603008
12	$\mathcal{O}(2; \{12^3, 6^6, 4, 3^6, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 6^6, 4^3, 2^7\})$	112803840
12	$\mathcal{O}(2; \{12^3, 6^6, 4^3, 3^3, 2^3\})$	906412032
12	$\mathcal{O}(2; \{12^3, 6^6, 4^5, 2^4\})$	451215360
12	$\mathcal{O}(2; \{12^3, 6^6, 4^5, 3^3\})$	3625648128
12	$\mathcal{O}(2; \{12^3, 6^6, 4^7, 2\})$	1804861440
12	$\mathcal{O}(2; \{12^3, 6^7, 4, 3, 2^7\})$	113135616
12	$\mathcal{O}(2; \{12^3, 6^7, 4, 3^4, 2^3\})$	906080256
12	$\mathcal{O}(2; \{12^3, 6^7, 4^3, 3, 2^4\})$	452542464
12	$\mathcal{O}(2; \{12^3, 6^7, 4^3, 3^4\})$	3624321024
12	$\mathcal{O}(2; \{12^3, 6^7, 4^5, 3, 2\})$	1810169856
12	$\mathcal{O}(2; \{12^3, 6^8, 4, 3^2, 2^4\})$	452874240
12	$\mathcal{O}(2; \{12^3, 6^8, 4, 3^5\})$	3623989248
12	$\mathcal{O}(2; \{12^3, 6^8, 4^3, 3^2, 2\})$	1811496960
12	$\mathcal{O}(2; \{12^3, 6^9, 4, 2^5\})$	226603008
12	$\mathcal{O}(2; \{12^3, 6^9, 4, 3^3, 2\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 6^9, 4^3, 2^2\})$	906412032
12	$\mathcal{O}(2; \{12^3, 6^{10}, 4, 3, 2^2\})$	906080256
12	$\mathcal{O}(2; \{12^3, 6^{12}, 4\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 3^2, 2^{17}\})$	3649536
12	$\mathcal{O}(2; \{12^4, 3^5, 2^{13}\})$	28200960
12	$\mathcal{O}(2; \{12^4, 3^8, 2^9\})$	226603008
12	$\mathcal{O}(2; \{12^4, 3^{11}, 2^5\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 3^{14}, 2\})$	14495625216
12	$\mathcal{O}(2; \{12^4, 4^2, 3^2, 2^{14}\})$	14598144
12	$\mathcal{O}(2; \{12^4, 4^2, 3^5, 2^{10}\})$	112803840
12	$\mathcal{O}(2; \{12^4, 4^2, 3^8, 2^6\})$	906412032
12	$\mathcal{O}(2; \{12^4, 4^2, 3^{11}, 2^2\})$	7247314944
12	$\mathcal{O}(2; \{12^4, 4^4, 3^2, 2^{11}\})$	58392576
12	$\mathcal{O}(2; \{12^4, 4^4, 3^5, 2^7\})$	451215360
12	$\mathcal{O}(2; \{12^4, 4^4, 3^8, 2^3\})$	3625648128
12	$\mathcal{O}(2; \{12^4, 4^6, 3^2, 2^8\})$	233570304
12	$\mathcal{O}(2; \{12^4, 4^6, 3^5, 2^4\})$	1804861440
12	$\mathcal{O}(2; \{12^4, 4^6, 3^8\})$	14502592512
12	$\mathcal{O}(2; \{12^4, 4^8, 3^2, 2^5\})$	934281216
12	$\mathcal{O}(2; \{12^4, 4^8, 3^5, 2\})$	7219445760
12	$\mathcal{O}(2; \{12^4, 4^{10}, 3^2, 2^2\})$	3737124864
12	$\mathcal{O}(2; \{12^4, 6, 2^{18}\})$	1658880
12	$\mathcal{O}(2; \{12^4, 6, 3^3, 2^{14}\})$	14266368
12	$\mathcal{O}(2; \{12^4, 6, 3^6, 2^{10}\})$	113135616

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^4, 6, 3^9, 2^6\})$	906080256
12	$\mathcal{O}(2; \{12^4, 6, 3^{12}, 2^2\})$	7247646720
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 2^{15}\})$	6635520
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3^3, 2^{11}\})$	57065472
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3^6, 2^7\})$	452542464
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3^9, 2^3\})$	3624321024
12	$\mathcal{O}(2; \{12^4, 6, 4^4, 2^{12}\})$	26542080
12	$\mathcal{O}(2; \{12^4, 6, 4^4, 3^3, 2^8\})$	228261888
12	$\mathcal{O}(2; \{12^4, 6, 4^4, 3^6, 2^4\})$	1810169856
12	$\mathcal{O}(2; \{12^4, 6, 4^4, 3^9\})$	14497284096
12	$\mathcal{O}(2; \{12^4, 6, 4^6, 2^9\})$	106168320
12	$\mathcal{O}(2; \{12^4, 6, 4^6, 3^3, 2^5\})$	913047552
12	$\mathcal{O}(2; \{12^4, 6, 4^6, 3^6, 2\})$	7240679424
12	$\mathcal{O}(2; \{12^4, 6, 4^8, 2^6\})$	424673280
12	$\mathcal{O}(2; \{12^4, 6, 4^8, 3^3, 2^2\})$	3652190208
12	$\mathcal{O}(2; \{12^4, 6, 4^{10}, 2^3\})$	1698693120
12	$\mathcal{O}(2; \{12^4, 6, 4^{12}\})$	6794772480
12	$\mathcal{O}(2; \{12^4, 6^2, 3, 2^{15}\})$	6967296
12	$\mathcal{O}(2; \{12^4, 6^2, 3^4, 2^{11}\})$	56733696
12	$\mathcal{O}(2; \{12^4, 6^2, 3^7, 2^7\})$	452874240
12	$\mathcal{O}(2; \{12^4, 6^2, 3^{10}, 2^3\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 3, 2^{12}\})$	27869184
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 3^4, 2^8\})$	226934784
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 3^7, 2^4\})$	1811496960
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 3^{10}\})$	14495956992
12	$\mathcal{O}(2; \{12^4, 6^2, 4^4, 3, 2^9\})$	111476736
12	$\mathcal{O}(2; \{12^4, 6^2, 4^4, 3^4, 2^5\})$	907739136
12	$\mathcal{O}(2; \{12^4, 6^2, 4^4, 3^7, 2\})$	7245987840
12	$\mathcal{O}(2; \{12^4, 6^2, 4^6, 3, 2^6\})$	445906944
12	$\mathcal{O}(2; \{12^4, 6^2, 4^6, 3^4, 2^2\})$	3630956544
12	$\mathcal{O}(2; \{12^4, 6^2, 4^8, 3, 2^3\})$	1783627776
12	$\mathcal{O}(2; \{12^4, 6^2, 4^{10}, 3\})$	7134511104
12	$\mathcal{O}(2; \{12^4, 6^3, 3^2, 2^{12}\})$	28200960
12	$\mathcal{O}(2; \{12^4, 6^3, 3^5, 2^8\})$	226603008
12	$\mathcal{O}(2; \{12^4, 6^3, 3^8, 2^4\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 6^3, 3^{11}\})$	14495625216
12	$\mathcal{O}(2; \{12^4, 6^3, 4^2, 3^2, 2^9\})$	112803840
12	$\mathcal{O}(2; \{12^4, 6^3, 4^2, 3^5, 2^5\})$	906412032
12	$\mathcal{O}(2; \{12^4, 6^3, 4^2, 3^8, 2\})$	7247314944
12	$\mathcal{O}(2; \{12^4, 6^3, 4^4, 3^2, 2^6\})$	451215360
12	$\mathcal{O}(2; \{12^4, 6^3, 4^4, 3^5, 2^2\})$	3625648128
12	$\mathcal{O}(2; \{12^4, 6^3, 4^6, 3^2, 2^3\})$	1804861440
12	$\mathcal{O}(2; \{12^4, 6^3, 4^8, 3^2\})$	7219445760

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^4, 6^4, 2^{13}\})$	14266368
12	$\mathcal{O}(2; \{12^4, 6^4, 3^3, 2^9\})$	113135616
12	$\mathcal{O}(2; \{12^4, 6^4, 3^6, 2^5\})$	906080256
12	$\mathcal{O}(2; \{12^4, 6^4, 3^9, 2\})$	7247646720
12	$\mathcal{O}(2; \{12^4, 6^4, 4^2, 2^{10}\})$	57065472
12	$\mathcal{O}(2; \{12^4, 6^4, 4^2, 3^3, 2^6\})$	452542464
12	$\mathcal{O}(2; \{12^4, 6^4, 4^2, 3^6, 2^2\})$	3624321024
12	$\mathcal{O}(2; \{12^4, 6^4, 4^4, 2^7\})$	228261888
12	$\mathcal{O}(2; \{12^4, 6^4, 4^4, 3^3, 2^3\})$	1810169856
12	$\mathcal{O}(2; \{12^4, 6^4, 4^6, 2^4\})$	913047552
12	$\mathcal{O}(2; \{12^4, 6^4, 4^6, 3^3\})$	7240679424
12	$\mathcal{O}(2; \{12^4, 6^4, 4^8, 2\})$	3652190208
12	$\mathcal{O}(2; \{12^4, 6^5, 3, 2^{10}\})$	56733696
12	$\mathcal{O}(2; \{12^4, 6^5, 3^4, 2^6\})$	452874240
12	$\mathcal{O}(2; \{12^4, 6^5, 3^7, 2^2\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 6^5, 4^2, 3, 2^7\})$	226934784
12	$\mathcal{O}(2; \{12^4, 6^5, 4^2, 3^4, 2^3\})$	1811496960
12	$\mathcal{O}(2; \{12^4, 6^5, 4^4, 3, 2^4\})$	907739136
12	$\mathcal{O}(2; \{12^4, 6^5, 4^4, 3^4\})$	7245987840
12	$\mathcal{O}(2; \{12^4, 6^5, 4^6, 3, 2\})$	3630956544
12	$\mathcal{O}(2; \{12^4, 6^6, 3^2, 2^7\})$	226603008
12	$\mathcal{O}(2; \{12^4, 6^6, 3^5, 2^3\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 6^6, 4^2, 3^2, 2^4\})$	906412032
12	$\mathcal{O}(2; \{12^4, 6^6, 4^2, 3^5\})$	7247314944
12	$\mathcal{O}(2; \{12^4, 6^6, 4^4, 3^2, 2\})$	3625648128
12	$\mathcal{O}(2; \{12^4, 6^7, 2^8\})$	113135616
12	$\mathcal{O}(2; \{12^4, 6^7, 3^3, 2^4\})$	906080256
12	$\mathcal{O}(2; \{12^4, 6^7, 3^6\})$	7247646720
12	$\mathcal{O}(2; \{12^4, 6^7, 4^2, 2^5\})$	452542464
12	$\mathcal{O}(2; \{12^4, 6^7, 4^2, 3^3, 2\})$	3624321024
12	$\mathcal{O}(2; \{12^4, 6^7, 4^4, 2^2\})$	1810169856
12	$\mathcal{O}(2; \{12^4, 6^8, 3, 2^5\})$	452874240
12	$\mathcal{O}(2; \{12^4, 6^8, 3^4, 2\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 6^8, 4^2, 3, 2^2\})$	1811496960
12	$\mathcal{O}(2; \{12^4, 6^9, 3^2, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 6^{10}, 2^3\})$	906080256
12	$\mathcal{O}(2; \{12^4, 6^{10}, 4^2\})$	3624321024
12	$\mathcal{O}(2; \{12^4, 6^{11}, 3\})$	3623989248
12	$\mathcal{O}(2; \{12^5, 4, 3, 2^{15}\})$	14598144
12	$\mathcal{O}(2; \{12^5, 4, 3^4, 2^{11}\})$	112803840
12	$\mathcal{O}(2; \{12^5, 4, 3^7, 2^7\})$	906412032
12	$\mathcal{O}(2; \{12^5, 4, 3^{10}, 2^3\})$	7247314944
12	$\mathcal{O}(2; \{12^5, 4^3, 3, 2^{12}\})$	58392576

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^5, 4^3, 3^4, 2^8\})$	451215360
12	$\mathcal{O}(2; \{12^5, 4^3, 3^7, 2^4\})$	3625648128
12	$\mathcal{O}(2; \{12^5, 4^3, 3^{10}\})$	28989259776
12	$\mathcal{O}(2; \{12^5, 4^5, 3, 2^9\})$	233570304
12	$\mathcal{O}(2; \{12^5, 4^5, 3^4, 2^5\})$	1804861440
12	$\mathcal{O}(2; \{12^5, 4^5, 3^7, 2\})$	14502592512
12	$\mathcal{O}(2; \{12^5, 4^7, 3, 2^6\})$	934281216
12	$\mathcal{O}(2; \{12^5, 4^7, 3^4, 2^2\})$	7219445760
12	$\mathcal{O}(2; \{12^5, 4^9, 3, 2^3\})$	3737124864
12	$\mathcal{O}(2; \{12^5, 4^{11}, 3\})$	14948499456
12	$\mathcal{O}(2; \{12^5, 6, 4, 3^2, 2^{12}\})$	57065472
12	$\mathcal{O}(2; \{12^5, 6, 4, 3^5, 2^8\})$	452542464
12	$\mathcal{O}(2; \{12^5, 6, 4, 3^8, 2^4\})$	3624321024
12	$\mathcal{O}(2; \{12^5, 6, 4, 3^{11}\})$	28990586880
12	$\mathcal{O}(2; \{12^5, 6, 4^3, 3^2, 2^9\})$	228261888
12	$\mathcal{O}(2; \{12^5, 6, 4^3, 3^5, 2^5\})$	1810169856
12	$\mathcal{O}(2; \{12^5, 6, 4^3, 3^8, 2\})$	14497284096
12	$\mathcal{O}(2; \{12^5, 6, 4^5, 3^2, 2^6\})$	913047552
12	$\mathcal{O}(2; \{12^5, 6, 4^5, 3^5, 2^2\})$	7240679424
12	$\mathcal{O}(2; \{12^5, 6, 4^7, 3^2, 2^3\})$	3652190208
12	$\mathcal{O}(2; \{12^5, 6, 4^9, 3^2\})$	14608760832
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 2^{13}\})$	27869184
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 3^3, 2^9\})$	226934784
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 3^6, 2^5\})$	1811496960
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 3^9, 2\})$	14495956992
12	$\mathcal{O}(2; \{12^5, 6^2, 4^3, 2^{10}\})$	111476736
12	$\mathcal{O}(2; \{12^5, 6^2, 4^3, 3^3, 2^6\})$	907739136
12	$\mathcal{O}(2; \{12^5, 6^2, 4^3, 3^6, 2^2\})$	7245987840
12	$\mathcal{O}(2; \{12^5, 6^2, 4^5, 2^7\})$	445906944
12	$\mathcal{O}(2; \{12^5, 6^2, 4^5, 3^3, 2^3\})$	3630956544
12	$\mathcal{O}(2; \{12^5, 6^2, 4^7, 2^4\})$	1783627776
12	$\mathcal{O}(2; \{12^5, 6^2, 4^7, 3^3\})$	14523826176
12	$\mathcal{O}(2; \{12^5, 6^2, 4^9, 2\})$	7134511104
12	$\mathcal{O}(2; \{12^5, 6^3, 4, 3, 2^{10}\})$	112803840
12	$\mathcal{O}(2; \{12^5, 6^3, 4, 3^4, 2^6\})$	906412032
12	$\mathcal{O}(2; \{12^5, 6^3, 4, 3^7, 2^2\})$	7247314944
12	$\mathcal{O}(2; \{12^5, 6^3, 4^3, 3, 2^7\})$	451215360
12	$\mathcal{O}(2; \{12^5, 6^3, 4^3, 3^4, 2^3\})$	3625648128
12	$\mathcal{O}(2; \{12^5, 6^3, 4^5, 3, 2^4\})$	1804861440
12	$\mathcal{O}(2; \{12^5, 6^3, 4^5, 3^4\})$	14502592512
12	$\mathcal{O}(2; \{12^5, 6^3, 4^7, 3, 2\})$	7219445760
12	$\mathcal{O}(2; \{12^5, 6^4, 4, 3^2, 2^7\})$	452542464
12	$\mathcal{O}(2; \{12^5, 6^4, 4, 3^5, 2^3\})$	3624321024

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^5, 6^4, 4^3, 3^2, 2^4\})$	1810169856
12	$\mathcal{O}(2; \{12^5, 6^4, 4^3, 3^5\})$	14497284096
12	$\mathcal{O}(2; \{12^5, 6^4, 4^5, 3^2, 2\})$	7240679424
12	$\mathcal{O}(2; \{12^5, 6^5, 4, 2^8\})$	226934784
12	$\mathcal{O}(2; \{12^5, 6^5, 4, 3^3, 2^4\})$	1811496960
12	$\mathcal{O}(2; \{12^5, 6^5, 4, 3^6\})$	14495956992
12	$\mathcal{O}(2; \{12^5, 6^5, 4^3, 2^5\})$	907739136
12	$\mathcal{O}(2; \{12^5, 6^5, 4^3, 3^3, 2\})$	7245987840
12	$\mathcal{O}(2; \{12^5, 6^5, 4^5, 2^2\})$	3630956544
12	$\mathcal{O}(2; \{12^5, 6^6, 4, 3, 2^5\})$	906412032
12	$\mathcal{O}(2; \{12^5, 6^6, 4, 3^4, 2\})$	7247314944
12	$\mathcal{O}(2; \{12^5, 6^6, 4^3, 3, 2^2\})$	3625648128
12	$\mathcal{O}(2; \{12^5, 6^7, 4, 3^2, 2^2\})$	3624321024
12	$\mathcal{O}(2; \{12^5, 6^8, 4, 2^3\})$	1811496960
12	$\mathcal{O}(2; \{12^5, 6^8, 4^3\})$	7245987840
12	$\mathcal{O}(2; \{12^5, 6^9, 4, 3\})$	7247314944
12	$\mathcal{O}(2; \{12^6, 2^{16}\})$	14598144
12	$\mathcal{O}(2; \{12^6, 3^3, 2^{12}\})$	112803840
12	$\mathcal{O}(2; \{12^6, 3^6, 2^8\})$	906412032
12	$\mathcal{O}(2; \{12^6, 3^9, 2^4\})$	7247314944
12	$\mathcal{O}(2; \{12^6, 3^{12}\})$	57982500864
12	$\mathcal{O}(2; \{12^6, 4^2, 2^{13}\})$	58392576
12	$\mathcal{O}(2; \{12^6, 4^2, 3^3, 2^9\})$	451215360
12	$\mathcal{O}(2; \{12^6, 4^2, 3^6, 2^5\})$	3625648128
12	$\mathcal{O}(2; \{12^6, 4^2, 3^9, 2\})$	28989259776
12	$\mathcal{O}(2; \{12^6, 4^4, 2^{10}\})$	233570304
12	$\mathcal{O}(2; \{12^6, 4^4, 3^3, 2^6\})$	1804861440
12	$\mathcal{O}(2; \{12^6, 4^4, 3^6, 2^2\})$	14502592512
12	$\mathcal{O}(2; \{12^6, 4^6, 2^7\})$	934281216
12	$\mathcal{O}(2; \{12^6, 4^6, 3^3, 2^3\})$	7219445760
12	$\mathcal{O}(2; \{12^6, 4^8, 2^4\})$	3737124864
12	$\mathcal{O}(2; \{12^6, 4^8, 3^3\})$	28877783040
12	$\mathcal{O}(2; \{12^6, 4^{10}, 2\})$	14948499456
12	$\mathcal{O}(2; \{12^6, 6, 3, 2^{13}\})$	57065472
12	$\mathcal{O}(2; \{12^6, 6, 3^4, 2^9\})$	452542464
12	$\mathcal{O}(2; \{12^6, 6, 3^7, 2^5\})$	3624321024
12	$\mathcal{O}(2; \{12^6, 6, 3^{10}, 2\})$	28990586880
12	$\mathcal{O}(2; \{12^6, 6, 4^2, 3, 2^{10}\})$	228261888
12	$\mathcal{O}(2; \{12^6, 6, 4^2, 3^4, 2^6\})$	1810169856
12	$\mathcal{O}(2; \{12^6, 6, 4^2, 3^7, 2^2\})$	14497284096
12	$\mathcal{O}(2; \{12^6, 6, 4^4, 3, 2^7\})$	913047552
12	$\mathcal{O}(2; \{12^6, 6, 4^4, 3^4, 2^3\})$	7240679424
12	$\mathcal{O}(2; \{12^6, 6, 4^6, 3, 2^4\})$	3652190208

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^6, 6, 4^6, 3^4\})$	28962717696
12	$\mathcal{O}(2; \{12^6, 6, 4^8, 3, 2\})$	14608760832
12	$\mathcal{O}(2; \{12^6, 6^2, 3^2, 2^{10}\})$	226934784
12	$\mathcal{O}(2; \{12^6, 6^2, 3^5, 2^6\})$	1811496960
12	$\mathcal{O}(2; \{12^6, 6^2, 3^8, 2^2\})$	14495956992
12	$\mathcal{O}(2; \{12^6, 6^2, 4^2, 3^2, 2^7\})$	907739136
12	$\mathcal{O}(2; \{12^6, 6^2, 4^2, 3^5, 2^3\})$	7245987840
12	$\mathcal{O}(2; \{12^6, 6^2, 4^4, 3^2, 2^4\})$	3630956544
12	$\mathcal{O}(2; \{12^6, 6^2, 4^4, 3^5\})$	28983951360
12	$\mathcal{O}(2; \{12^6, 6^2, 4^6, 3^2, 2\})$	14523826176
12	$\mathcal{O}(2; \{12^6, 6^3, 2^{11}\})$	112803840
12	$\mathcal{O}(2; \{12^6, 6^3, 3^3, 2^7\})$	906412032
12	$\mathcal{O}(2; \{12^6, 6^3, 3^6, 2^3\})$	7247314944
12	$\mathcal{O}(2; \{12^6, 6^3, 4^2, 2^8\})$	451215360
12	$\mathcal{O}(2; \{12^6, 6^3, 4^2, 3^3, 2^4\})$	3625648128
12	$\mathcal{O}(2; \{12^6, 6^3, 4^2, 3^6\})$	28989259776
12	$\mathcal{O}(2; \{12^6, 6^3, 4^4, 2^5\})$	1804861440
12	$\mathcal{O}(2; \{12^6, 6^3, 4^4, 3^3, 2\})$	14502592512
12	$\mathcal{O}(2; \{12^6, 6^3, 4^6, 2^2\})$	7219445760
12	$\mathcal{O}(2; \{12^6, 6^4, 3, 2^8\})$	452542464
12	$\mathcal{O}(2; \{12^6, 6^4, 3^4, 2^4\})$	3624321024
12	$\mathcal{O}(2; \{12^6, 6^4, 3^7\})$	28990586880
12	$\mathcal{O}(2; \{12^6, 6^4, 4^2, 3, 2^5\})$	1810169856
12	$\mathcal{O}(2; \{12^6, 6^4, 4^2, 3^4, 2\})$	14497284096
12	$\mathcal{O}(2; \{12^6, 6^4, 4^4, 3, 2^2\})$	7240679424
12	$\mathcal{O}(2; \{12^6, 6^5, 3^2, 2^5\})$	1811496960
12	$\mathcal{O}(2; \{12^6, 6^5, 3^5, 2\})$	14495956992
12	$\mathcal{O}(2; \{12^6, 6^5, 4^2, 3^2, 2^2\})$	7245987840
12	$\mathcal{O}(2; \{12^6, 6^6, 2^6\})$	906412032
12	$\mathcal{O}(2; \{12^6, 6^6, 3^3, 2^2\})$	7247314944
12	$\mathcal{O}(2; \{12^6, 6^6, 4^2, 2^3\})$	3625648128
12	$\mathcal{O}(2; \{12^6, 6^6, 4^4\})$	14502592512
12	$\mathcal{O}(2; \{12^6, 6^7, 3, 2^3\})$	3624321024
12	$\mathcal{O}(2; \{12^6, 6^7, 4^2, 3\})$	14497284096
12	$\mathcal{O}(2; \{12^6, 6^8, 3^2\})$	14495956992
12	$\mathcal{O}(2; \{12^6, 6^9, 2\})$	7247314944
12	$\mathcal{O}(2; \{12^7, 4, 3^2, 2^{10}\})$	451215360
12	$\mathcal{O}(2; \{12^7, 4, 3^5, 2^6\})$	3625648128
12	$\mathcal{O}(2; \{12^7, 4, 3^8, 2^2\})$	28989259776
12	$\mathcal{O}(2; \{12^7, 4^3, 3^2, 2^7\})$	1804861440
12	$\mathcal{O}(2; \{12^7, 4^3, 3^5, 2^3\})$	14502592512
12	$\mathcal{O}(2; \{12^7, 4^5, 3^2, 2^4\})$	7219445760
12	$\mathcal{O}(2; \{12^7, 4^5, 3^5\})$	58010370048

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^7, 4^7, 3^2, 2\})$	28877783040
12	$\mathcal{O}(2; \{12^7, 6, 4, 2^{11}\})$	228261888
12	$\mathcal{O}(2; \{12^7, 6, 4, 3^3, 2^7\})$	1810169856
12	$\mathcal{O}(2; \{12^7, 6, 4, 3^6, 2^3\})$	14497284096
12	$\mathcal{O}(2; \{12^7, 6, 4^3, 2^8\})$	913047552
12	$\mathcal{O}(2; \{12^7, 6, 4^3, 3^3, 2^4\})$	7240679424
12	$\mathcal{O}(2; \{12^7, 6, 4^3, 3^6\})$	57989136384
12	$\mathcal{O}(2; \{12^7, 6, 4^5, 2^5\})$	3652190208
12	$\mathcal{O}(2; \{12^7, 6, 4^5, 3^3, 2\})$	28962717696
12	$\mathcal{O}(2; \{12^7, 6, 4^7, 2^2\})$	14608760832
12	$\mathcal{O}(2; \{12^7, 6^2, 4, 3, 2^8\})$	907739136
12	$\mathcal{O}(2; \{12^7, 6^2, 4, 3^4, 2^4\})$	7245987840
12	$\mathcal{O}(2; \{12^7, 6^2, 4, 3^7\})$	57983827968
12	$\mathcal{O}(2; \{12^7, 6^2, 4^3, 3, 2^5\})$	3630956544
12	$\mathcal{O}(2; \{12^7, 6^2, 4^3, 3^4, 2\})$	28983951360
12	$\mathcal{O}(2; \{12^7, 6^2, 4^5, 3, 2^2\})$	14523826176
12	$\mathcal{O}(2; \{12^7, 6^3, 4, 3^2, 2^5\})$	3625648128
12	$\mathcal{O}(2; \{12^7, 6^3, 4, 3^5, 2\})$	28989259776
12	$\mathcal{O}(2; \{12^7, 6^3, 4^3, 3^2, 2^2\})$	14502592512
12	$\mathcal{O}(2; \{12^7, 6^4, 4, 2^6\})$	1810169856
12	$\mathcal{O}(2; \{12^7, 6^4, 4, 3^3, 2^2\})$	14497284096
12	$\mathcal{O}(2; \{12^7, 6^4, 4^3, 2^3\})$	7240679424
12	$\mathcal{O}(2; \{12^7, 6^4, 4^5\})$	28962717696
12	$\mathcal{O}(2; \{12^7, 6^5, 4, 3, 2^3\})$	7245987840
12	$\mathcal{O}(2; \{12^7, 6^5, 4^3, 3\})$	28983951360
12	$\mathcal{O}(2; \{12^7, 6^6, 4, 3^2\})$	28989259776
12	$\mathcal{O}(2; \{12^7, 6^7, 4, 2\})$	14497284096
12	$\mathcal{O}(2; \{12^8, 3, 2^{11}\})$	451215360
12	$\mathcal{O}(2; \{12^8, 3^4, 2^7\})$	3625648128
12	$\mathcal{O}(2; \{12^8, 3^7, 2^3\})$	28989259776
12	$\mathcal{O}(2; \{12^8, 4^2, 3, 2^8\})$	1804861440
12	$\mathcal{O}(2; \{12^8, 4^2, 3^4, 2^4\})$	14502592512
12	$\mathcal{O}(2; \{12^8, 4^2, 3^7\})$	115957039104
12	$\mathcal{O}(2; \{12^8, 4^4, 3, 2^5\})$	7219445760
12	$\mathcal{O}(2; \{12^8, 4^4, 3^4, 2\})$	58010370048
12	$\mathcal{O}(2; \{12^8, 4^6, 3, 2^2\})$	28877783040
12	$\mathcal{O}(2; \{12^8, 6, 3^2, 2^8\})$	1810169856
12	$\mathcal{O}(2; \{12^8, 6, 3^5, 2^4\})$	14497284096
12	$\mathcal{O}(2; \{12^8, 6, 3^8\})$	115962347520
12	$\mathcal{O}(2; \{12^8, 6, 4^2, 3^2, 2^5\})$	7240679424
12	$\mathcal{O}(2; \{12^8, 6, 4^2, 3^5, 2\})$	57989136384
12	$\mathcal{O}(2; \{12^8, 6, 4^4, 3^2, 2^2\})$	28962717696
12	$\mathcal{O}(2; \{12^8, 6^2, 2^9\})$	907739136

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^8, 6^2, 3^3, 2^5\})$	7245987840
12	$\mathcal{O}(2; \{12^8, 6^2, 3^6, 2\})$	57983827968
12	$\mathcal{O}(2; \{12^8, 6^2, 4^2, 2^6\})$	3630956544
12	$\mathcal{O}(2; \{12^8, 6^2, 4^2, 3^3, 2^2\})$	28983951360
12	$\mathcal{O}(2; \{12^8, 6^2, 4^4, 2^3\})$	14523826176
12	$\mathcal{O}(2; \{12^8, 6^2, 4^6\})$	58095304704
12	$\mathcal{O}(2; \{12^8, 6^3, 3, 2^6\})$	3625648128
12	$\mathcal{O}(2; \{12^8, 6^3, 3^4, 2^2\})$	28989259776
12	$\mathcal{O}(2; \{12^8, 6^3, 4^2, 3, 2^3\})$	14502592512
12	$\mathcal{O}(2; \{12^8, 6^3, 4^4, 3\})$	58010370048
12	$\mathcal{O}(2; \{12^8, 6^4, 3^2, 2^3\})$	14497284096
12	$\mathcal{O}(2; \{12^8, 6^4, 4^2, 3^2\})$	57989136384
12	$\mathcal{O}(2; \{12^8, 6^5, 2^4\})$	7245987840
12	$\mathcal{O}(2; \{12^8, 6^5, 3^3\})$	57983827968
12	$\mathcal{O}(2; \{12^8, 6^5, 4^2, 2\})$	28983951360
12	$\mathcal{O}(2; \{12^8, 6^6, 3, 2\})$	28989259776
12	$\mathcal{O}(2; \{12^9, 4, 2^9\})$	1804861440
12	$\mathcal{O}(2; \{12^9, 4, 3^3, 2^5\})$	14502592512
12	$\mathcal{O}(2; \{12^9, 4, 3^6, 2\})$	115957039104
12	$\mathcal{O}(2; \{12^9, 4^3, 2^6\})$	7219445760
12	$\mathcal{O}(2; \{12^9, 4^3, 3^3, 2^2\})$	58010370048
12	$\mathcal{O}(2; \{12^9, 4^5, 2^3\})$	28877783040
12	$\mathcal{O}(2; \{12^9, 4^7\})$	115511132160
12	$\mathcal{O}(2; \{12^9, 6, 4, 3, 2^6\})$	7240679424
12	$\mathcal{O}(2; \{12^9, 6, 4, 3^4, 2^2\})$	57989136384
12	$\mathcal{O}(2; \{12^9, 6, 4^3, 3, 2^3\})$	28962717696
12	$\mathcal{O}(2; \{12^9, 6, 4^5, 3\})$	115850870784
12	$\mathcal{O}(2; \{12^9, 6^2, 4, 3^2, 2^3\})$	28983951360
12	$\mathcal{O}(2; \{12^9, 6^2, 4^3, 3^2\})$	115935805440
12	$\mathcal{O}(2; \{12^9, 6^3, 4, 2^4\})$	14502592512
12	$\mathcal{O}(2; \{12^9, 6^3, 4, 3^3\})$	115957039104
12	$\mathcal{O}(2; \{12^9, 6^3, 4^3, 2\})$	58010370048
12	$\mathcal{O}(2; \{12^9, 6^4, 4, 3, 2\})$	57989136384
12	$\mathcal{O}(2; \{12^{10}, 3^2, 2^6\})$	14502592512
12	$\mathcal{O}(2; \{12^{10}, 3^5, 2^2\})$	115957039104
12	$\mathcal{O}(2; \{12^{10}, 4^2, 3^2, 2^3\})$	58010370048
12	$\mathcal{O}(2; \{12^{10}, 4^4, 3^2\})$	232041480192
12	$\mathcal{O}(2; \{12^{10}, 6, 2^7\})$	7240679424
12	$\mathcal{O}(2; \{12^{10}, 6, 3^3, 2^3\})$	57989136384
12	$\mathcal{O}(2; \{12^{10}, 6, 4^2, 2^4\})$	28962717696
12	$\mathcal{O}(2; \{12^{10}, 6, 4^2, 3^3\})$	231956545536
12	$\mathcal{O}(2; \{12^{10}, 6, 4^4, 2\})$	115850870784
12	$\mathcal{O}(2; \{12^{10}, 6^2, 3, 2^4\})$	28983951360

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^{10}, 6^2, 3^4\})$	231935311872
12	$\mathcal{O}(2; \{12^{10}, 6^2, 4^2, 3, 2\})$	115935805440
12	$\mathcal{O}(2; \{12^{10}, 6^3, 3^2, 2\})$	115957039104
12	$\mathcal{O}(2; \{12^{10}, 6^4, 2^2\})$	57989136384
12	$\mathcal{O}(2; \{12^{11}, 4, 3, 2^4\})$	58010370048
12	$\mathcal{O}(2; \{12^{11}, 4, 3^4\})$	463828156416
12	$\mathcal{O}(2; \{12^{11}, 4^3, 3, 2\})$	232041480192
12	$\mathcal{O}(2; \{12^{11}, 6, 4, 3^2, 2\})$	231956545536
12	$\mathcal{O}(2; \{12^{11}, 6^2, 4, 2^2\})$	115935805440
12	$\mathcal{O}(2; \{12^{12}, 2^5\})$	58010370048
12	$\mathcal{O}(2; \{12^{12}, 3^3, 2\})$	463828156416
12	$\mathcal{O}(2; \{12^{12}, 4^2, 2^2\})$	232041480192
12	$\mathcal{O}(2; \{12^{12}, 6, 3, 2^2\})$	231956545536
12	$\mathcal{O}(2; \{12^{12}, 6^3\})$	463828156416
12	$\mathcal{O}(2; \{12^{13}, 6, 4\})$	927826182144
12	$\mathcal{O}(2; \{12^{14}, 3\})$	1855312625664
12	$\mathcal{O}(1; \{4^2, 2^{28}\})$	256
12	$\mathcal{O}(1; \{4^2, 3^3, 2^{24}\})$	576
12	$\mathcal{O}(1; \{4^2, 3^6, 2^{20}\})$	6336
12	$\mathcal{O}(1; \{4^2, 3^9, 2^{16}\})$	48960
12	$\mathcal{O}(1; \{4^2, 3^{12}, 2^{12}\})$	393408
12	$\mathcal{O}(1; \{4^2, 3^{15}, 2^8\})$	3145536
12	$\mathcal{O}(1; \{4^2, 3^{18}, 2^4\})$	25166016
12	$\mathcal{O}(1; \{4^2, 3^{21}\})$	201326400
12	$\mathcal{O}(1; \{4^4, 2^{25}\})$	1024
12	$\mathcal{O}(1; \{4^4, 3^3, 2^{21}\})$	2304
12	$\mathcal{O}(1; \{4^4, 3^6, 2^{17}\})$	25344
12	$\mathcal{O}(1; \{4^4, 3^9, 2^{13}\})$	195840
12	$\mathcal{O}(1; \{4^4, 3^{12}, 2^9\})$	1573632
12	$\mathcal{O}(1; \{4^4, 3^{15}, 2^5\})$	12582144
12	$\mathcal{O}(1; \{4^4, 3^{18}, 2\})$	100664064
12	$\mathcal{O}(1; \{4^6, 2^{22}\})$	4096
12	$\mathcal{O}(1; \{4^6, 3^3, 2^{18}\})$	9216
12	$\mathcal{O}(1; \{4^6, 3^6, 2^{14}\})$	101376
12	$\mathcal{O}(1; \{4^6, 3^9, 2^{10}\})$	783360
12	$\mathcal{O}(1; \{4^6, 3^{12}, 2^6\})$	6294528
12	$\mathcal{O}(1; \{4^6, 3^{15}, 2^2\})$	50328576
12	$\mathcal{O}(1; \{4^8, 2^{19}\})$	16384
12	$\mathcal{O}(1; \{4^8, 3^3, 2^{15}\})$	36864
12	$\mathcal{O}(1; \{4^8, 3^6, 2^{11}\})$	405504
12	$\mathcal{O}(1; \{4^8, 3^9, 2^7\})$	3133440
12	$\mathcal{O}(1; \{4^8, 3^{12}, 2^3\})$	25178112
12	$\mathcal{O}(1; \{4^{10}, 2^{16}\})$	65536

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{4^{10}, 3^3, 2^{12}\})$	147456
12	$\mathcal{O}(1; \{4^{10}, 3^6, 2^8\})$	1622016
12	$\mathcal{O}(1; \{4^{10}, 3^9, 2^4\})$	12533760
12	$\mathcal{O}(1; \{4^{10}, 3^{12}\})$	100712448
12	$\mathcal{O}(1; \{4^{12}, 2^{13}\})$	262144
12	$\mathcal{O}(1; \{4^{12}, 3^3, 2^9\})$	589824
12	$\mathcal{O}(1; \{4^{12}, 3^6, 2^5\})$	6488064
12	$\mathcal{O}(1; \{4^{12}, 3^9, 2\})$	50135040
12	$\mathcal{O}(1; \{4^{14}, 2^{10}\})$	1048576
12	$\mathcal{O}(1; \{4^{14}, 3^3, 2^6\})$	2359296
12	$\mathcal{O}(1; \{4^{14}, 3^6, 2^2\})$	25952256
12	$\mathcal{O}(1; \{4^{16}, 2^7\})$	4194304
12	$\mathcal{O}(1; \{4^{16}, 3^3, 2^3\})$	9437184
12	$\mathcal{O}(1; \{4^{18}, 2^4\})$	16777216
12	$\mathcal{O}(1; \{4^{18}, 3^3\})$	37748736
12	$\mathcal{O}(1; \{4^{20}, 2\})$	67108864
12	$\mathcal{O}(1; \{6, 4^2, 3, 2^{25}\})$	576
12	$\mathcal{O}(1; \{6, 4^2, 3^4, 2^{21}\})$	2880
12	$\mathcal{O}(1; \{6, 4^2, 3^7, 2^{17}\})$	24768
12	$\mathcal{O}(1; \{6, 4^2, 3^{10}, 2^{13}\})$	196416
12	$\mathcal{O}(1; \{6, 4^2, 3^{13}, 2^9\})$	1573056
12	$\mathcal{O}(1; \{6, 4^2, 3^{16}, 2^5\})$	12582720
12	$\mathcal{O}(1; \{6, 4^2, 3^{19}, 2\})$	100663488
12	$\mathcal{O}(1; \{6, 4^4, 3, 2^{22}\})$	2304
12	$\mathcal{O}(1; \{6, 4^4, 3^4, 2^{18}\})$	11520
12	$\mathcal{O}(1; \{6, 4^4, 3^7, 2^{14}\})$	99072
12	$\mathcal{O}(1; \{6, 4^4, 3^{10}, 2^{10}\})$	785664
12	$\mathcal{O}(1; \{6, 4^4, 3^{13}, 2^6\})$	6292224
12	$\mathcal{O}(1; \{6, 4^4, 3^{16}, 2^2\})$	50330880
12	$\mathcal{O}(1; \{6, 4^6, 3, 2^{19}\})$	9216
12	$\mathcal{O}(1; \{6, 4^6, 3^4, 2^{15}\})$	46080
12	$\mathcal{O}(1; \{6, 4^6, 3^7, 2^{11}\})$	396288
12	$\mathcal{O}(1; \{6, 4^6, 3^{10}, 2^7\})$	3142656
12	$\mathcal{O}(1; \{6, 4^6, 3^{13}, 2^3\})$	25168896
12	$\mathcal{O}(1; \{6, 4^8, 3, 2^{16}\})$	36864
12	$\mathcal{O}(1; \{6, 4^8, 3^4, 2^{12}\})$	184320
12	$\mathcal{O}(1; \{6, 4^8, 3^7, 2^8\})$	1585152
12	$\mathcal{O}(1; \{6, 4^8, 3^{10}, 2^4\})$	12570624
12	$\mathcal{O}(1; \{6, 4^8, 3^{13}\})$	100675584
12	$\mathcal{O}(1; \{6, 4^{10}, 3, 2^{13}\})$	147456
12	$\mathcal{O}(1; \{6, 4^{10}, 3^4, 2^9\})$	737280
12	$\mathcal{O}(1; \{6, 4^{10}, 3^7, 2^5\})$	6340608
12	$\mathcal{O}(1; \{6, 4^{10}, 3^{10}, 2\})$	50282496

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6, 4^{12}, 3, 2^{10}\})$	589824
12	$\mathcal{O}(1; \{6, 4^{12}, 3^4, 2^6\})$	2949120
12	$\mathcal{O}(1; \{6, 4^{12}, 3^7, 2^2\})$	25362432
12	$\mathcal{O}(1; \{6, 4^{14}, 3, 2^7\})$	2359296
12	$\mathcal{O}(1; \{6, 4^{14}, 3^4, 2^3\})$	11796480
12	$\mathcal{O}(1; \{6, 4^{16}, 3, 2^4\})$	9437184
12	$\mathcal{O}(1; \{6, 4^{16}, 3^4\})$	47185920
12	$\mathcal{O}(1; \{6, 4^{18}, 3, 2\})$	37748736
12	$\mathcal{O}(1; \{6^2, 4^2, 3^2, 2^{22}\})$	1728
12	$\mathcal{O}(1; \{6^2, 4^2, 3^5, 2^{18}\})$	12096
12	$\mathcal{O}(1; \{6^2, 4^2, 3^8, 2^{14}\})$	98496
12	$\mathcal{O}(1; \{6^2, 4^2, 3^{11}, 2^{10}\})$	786240
12	$\mathcal{O}(1; \{6^2, 4^2, 3^{14}, 2^6\})$	6291648
12	$\mathcal{O}(1; \{6^2, 4^2, 3^{17}, 2^2\})$	50331456
12	$\mathcal{O}(1; \{6^2, 4^4, 3^2, 2^{19}\})$	6912
12	$\mathcal{O}(1; \{6^2, 4^4, 3^5, 2^{15}\})$	48384
12	$\mathcal{O}(1; \{6^2, 4^4, 3^8, 2^{11}\})$	393984
12	$\mathcal{O}(1; \{6^2, 4^4, 3^{11}, 2^7\})$	3144960
12	$\mathcal{O}(1; \{6^2, 4^4, 3^{14}, 2^3\})$	25166592
12	$\mathcal{O}(1; \{6^2, 4^6, 3^2, 2^{16}\})$	27648
12	$\mathcal{O}(1; \{6^2, 4^6, 3^5, 2^{12}\})$	193536
12	$\mathcal{O}(1; \{6^2, 4^6, 3^8, 2^8\})$	1575936
12	$\mathcal{O}(1; \{6^2, 4^6, 3^{11}, 2^4\})$	12579840
12	$\mathcal{O}(1; \{6^2, 4^6, 3^{14}\})$	100666368
12	$\mathcal{O}(1; \{6^2, 4^8, 3^2, 2^{13}\})$	110592
12	$\mathcal{O}(1; \{6^2, 4^8, 3^5, 2^9\})$	774144
12	$\mathcal{O}(1; \{6^2, 4^8, 3^8, 2^5\})$	6303744
12	$\mathcal{O}(1; \{6^2, 4^8, 3^{11}, 2\})$	50319360
12	$\mathcal{O}(1; \{6^2, 4^{10}, 3^2, 2^{10}\})$	442368
12	$\mathcal{O}(1; \{6^2, 4^{10}, 3^5, 2^6\})$	3096576
12	$\mathcal{O}(1; \{6^2, 4^{10}, 3^8, 2^2\})$	25214976
12	$\mathcal{O}(1; \{6^2, 4^{12}, 3^2, 2^7\})$	1769472
12	$\mathcal{O}(1; \{6^2, 4^{12}, 3^5, 2^3\})$	12386304
12	$\mathcal{O}(1; \{6^2, 4^{14}, 3^2, 2^4\})$	7077888
12	$\mathcal{O}(1; \{6^2, 4^{14}, 3^5\})$	49545216
12	$\mathcal{O}(1; \{6^2, 4^{16}, 3^2, 2\})$	28311552
12	$\mathcal{O}(1; \{6^3, 4^2, 2^{23}\})$	576
12	$\mathcal{O}(1; \{6^3, 4^2, 3^3, 2^{19}\})$	6336
12	$\mathcal{O}(1; \{6^3, 4^2, 3^6, 2^{15}\})$	48960
12	$\mathcal{O}(1; \{6^3, 4^2, 3^9, 2^{11}\})$	393408
12	$\mathcal{O}(1; \{6^3, 4^2, 3^{12}, 2^7\})$	3145536
12	$\mathcal{O}(1; \{6^3, 4^2, 3^{15}, 2^3\})$	25166016
12	$\mathcal{O}(1; \{6^3, 4^4, 2^{20}\})$	2304

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^3, 4^4, 3^3, 2^{16}\})$	25344
12	$\mathcal{O}(1; \{6^3, 4^4, 3^6, 2^{12}\})$	195840
12	$\mathcal{O}(1; \{6^3, 4^4, 3^9, 2^8\})$	1573632
12	$\mathcal{O}(1; \{6^3, 4^4, 3^{12}, 2^4\})$	12582144
12	$\mathcal{O}(1; \{6^3, 4^4, 3^{15}\})$	100664064
12	$\mathcal{O}(1; \{6^3, 4^6, 2^{17}\})$	9216
12	$\mathcal{O}(1; \{6^3, 4^6, 3^3, 2^{13}\})$	101376
12	$\mathcal{O}(1; \{6^3, 4^6, 3^6, 2^9\})$	783360
12	$\mathcal{O}(1; \{6^3, 4^6, 3^9, 2^5\})$	6294528
12	$\mathcal{O}(1; \{6^3, 4^6, 3^{12}, 2\})$	50328576
12	$\mathcal{O}(1; \{6^3, 4^8, 2^{14}\})$	36864
12	$\mathcal{O}(1; \{6^3, 4^8, 3^3, 2^{10}\})$	405504
12	$\mathcal{O}(1; \{6^3, 4^8, 3^6, 2^6\})$	3133440
12	$\mathcal{O}(1; \{6^3, 4^8, 3^9, 2^2\})$	25178112
12	$\mathcal{O}(1; \{6^3, 4^{10}, 2^{11}\})$	147456
12	$\mathcal{O}(1; \{6^3, 4^{10}, 3^3, 2^7\})$	1622016
12	$\mathcal{O}(1; \{6^3, 4^{10}, 3^6, 2^3\})$	12533760
12	$\mathcal{O}(1; \{6^3, 4^{12}, 2^8\})$	589824
12	$\mathcal{O}(1; \{6^3, 4^{12}, 3^3, 2^4\})$	6488064
12	$\mathcal{O}(1; \{6^3, 4^{12}, 3^6\})$	50135040
12	$\mathcal{O}(1; \{6^3, 4^{14}, 2^5\})$	2359296
12	$\mathcal{O}(1; \{6^3, 4^{14}, 3^3, 2\})$	25952256
12	$\mathcal{O}(1; \{6^3, 4^{16}, 2^2\})$	9437184
12	$\mathcal{O}(1; \{6^4, 4^2, 3, 2^{20}\})$	2880
12	$\mathcal{O}(1; \{6^4, 4^2, 3^4, 2^{16}\})$	24768
12	$\mathcal{O}(1; \{6^4, 4^2, 3^7, 2^{12}\})$	196416
12	$\mathcal{O}(1; \{6^4, 4^2, 3^{10}, 2^8\})$	1573056
12	$\mathcal{O}(1; \{6^4, 4^2, 3^{13}, 2^4\})$	12582720
12	$\mathcal{O}(1; \{6^4, 4^2, 3^{16}\})$	100663488
12	$\mathcal{O}(1; \{6^4, 4^4, 3, 2^{17}\})$	11520
12	$\mathcal{O}(1; \{6^4, 4^4, 3^4, 2^{13}\})$	99072
12	$\mathcal{O}(1; \{6^4, 4^4, 3^7, 2^9\})$	785664
12	$\mathcal{O}(1; \{6^4, 4^4, 3^{10}, 2^5\})$	6292224
12	$\mathcal{O}(1; \{6^4, 4^4, 3^{13}, 2\})$	50330880
12	$\mathcal{O}(1; \{6^4, 4^6, 3, 2^{14}\})$	46080
12	$\mathcal{O}(1; \{6^4, 4^6, 3^4, 2^{10}\})$	396288
12	$\mathcal{O}(1; \{6^4, 4^6, 3^7, 2^6\})$	3142656
12	$\mathcal{O}(1; \{6^4, 4^6, 3^{10}, 2^2\})$	25168896
12	$\mathcal{O}(1; \{6^4, 4^8, 3, 2^{11}\})$	184320
12	$\mathcal{O}(1; \{6^4, 4^8, 3^4, 2^7\})$	1585152
12	$\mathcal{O}(1; \{6^4, 4^8, 3^7, 2^3\})$	12570624
12	$\mathcal{O}(1; \{6^4, 4^{10}, 3, 2^8\})$	737280
12	$\mathcal{O}(1; \{6^4, 4^{10}, 3^4, 2^4\})$	6340608

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^4, 4^{10}, 3^7\})$	50282496
12	$\mathcal{O}(1; \{6^4, 4^{12}, 3, 2^5\})$	2949120
12	$\mathcal{O}(1; \{6^4, 4^{12}, 3^4, 2\})$	25362432
12	$\mathcal{O}(1; \{6^4, 4^{14}, 3, 2^2\})$	11796480
12	$\mathcal{O}(1; \{6^5, 4^2, 3^2, 2^{17}\})$	12096
12	$\mathcal{O}(1; \{6^5, 4^2, 3^5, 2^{13}\})$	98496
12	$\mathcal{O}(1; \{6^5, 4^2, 3^8, 2^9\})$	786240
12	$\mathcal{O}(1; \{6^5, 4^2, 3^{11}, 2^5\})$	6291648
12	$\mathcal{O}(1; \{6^5, 4^2, 3^{14}, 2\})$	50331456
12	$\mathcal{O}(1; \{6^5, 4^4, 3^2, 2^{14}\})$	48384
12	$\mathcal{O}(1; \{6^5, 4^4, 3^5, 2^{10}\})$	393984
12	$\mathcal{O}(1; \{6^5, 4^4, 3^8, 2^6\})$	3144960
12	$\mathcal{O}(1; \{6^5, 4^4, 3^{11}, 2^2\})$	25166592
12	$\mathcal{O}(1; \{6^5, 4^6, 3^2, 2^{11}\})$	193536
12	$\mathcal{O}(1; \{6^5, 4^6, 3^5, 2^7\})$	1575936
12	$\mathcal{O}(1; \{6^5, 4^6, 3^8, 2^3\})$	12579840
12	$\mathcal{O}(1; \{6^5, 4^8, 3^2, 2^8\})$	774144
12	$\mathcal{O}(1; \{6^5, 4^8, 3^5, 2^4\})$	6303744
12	$\mathcal{O}(1; \{6^5, 4^8, 3^8\})$	50319360
12	$\mathcal{O}(1; \{6^5, 4^{10}, 3^2, 2^5\})$	3096576
12	$\mathcal{O}(1; \{6^5, 4^{10}, 3^5, 2\})$	25214976
12	$\mathcal{O}(1; \{6^5, 4^{12}, 3^2, 2^2\})$	12386304
12	$\mathcal{O}(1; \{6^6, 4^2, 2^{18}\})$	6336
12	$\mathcal{O}(1; \{6^6, 4^2, 3^3, 2^{14}\})$	48960
12	$\mathcal{O}(1; \{6^6, 4^2, 3^6, 2^{10}\})$	393408
12	$\mathcal{O}(1; \{6^6, 4^2, 3^9, 2^6\})$	3145536
12	$\mathcal{O}(1; \{6^6, 4^2, 3^{12}, 2^2\})$	25166016
12	$\mathcal{O}(1; \{6^6, 4^4, 2^{15}\})$	25344
12	$\mathcal{O}(1; \{6^6, 4^4, 3^3, 2^{11}\})$	195840
12	$\mathcal{O}(1; \{6^6, 4^4, 3^6, 2^7\})$	1573632
12	$\mathcal{O}(1; \{6^6, 4^4, 3^9, 2^3\})$	12582144
12	$\mathcal{O}(1; \{6^6, 4^6, 2^{12}\})$	101376
12	$\mathcal{O}(1; \{6^6, 4^6, 3^3, 2^8\})$	783360
12	$\mathcal{O}(1; \{6^6, 4^6, 3^6, 2^4\})$	6294528
12	$\mathcal{O}(1; \{6^6, 4^6, 3^9\})$	50328576
12	$\mathcal{O}(1; \{6^6, 4^8, 2^9\})$	405504
12	$\mathcal{O}(1; \{6^6, 4^8, 3^3, 2^5\})$	3133440
12	$\mathcal{O}(1; \{6^6, 4^8, 3^6, 2\})$	25178112
12	$\mathcal{O}(1; \{6^6, 4^{10}, 2^6\})$	1622016
12	$\mathcal{O}(1; \{6^6, 4^{10}, 3^3, 2^2\})$	12533760
12	$\mathcal{O}(1; \{6^6, 4^{12}, 2^3\})$	6488064
12	$\mathcal{O}(1; \{6^6, 4^{14}\})$	25952256
12	$\mathcal{O}(1; \{6^7, 4^2, 3, 2^{15}\})$	24768

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^7, 4^2, 3^4, 2^{11}\})$	196416
12	$\mathcal{O}(1; \{6^7, 4^2, 3^7, 2^7\})$	1573056
12	$\mathcal{O}(1; \{6^7, 4^2, 3^{10}, 2^3\})$	12582720
12	$\mathcal{O}(1; \{6^7, 4^4, 3, 2^{12}\})$	99072
12	$\mathcal{O}(1; \{6^7, 4^4, 3^4, 2^8\})$	785664
12	$\mathcal{O}(1; \{6^7, 4^4, 3^7, 2^4\})$	6292224
12	$\mathcal{O}(1; \{6^7, 4^4, 3^{10}\})$	50330880
12	$\mathcal{O}(1; \{6^7, 4^6, 3, 2^9\})$	396288
12	$\mathcal{O}(1; \{6^7, 4^6, 3^4, 2^5\})$	3142656
12	$\mathcal{O}(1; \{6^7, 4^6, 3^7, 2\})$	25168896
12	$\mathcal{O}(1; \{6^7, 4^8, 3, 2^6\})$	1585152
12	$\mathcal{O}(1; \{6^7, 4^8, 3^4, 2^2\})$	12570624
12	$\mathcal{O}(1; \{6^7, 4^{10}, 3, 2^3\})$	6340608
12	$\mathcal{O}(1; \{6^7, 4^{12}, 3\})$	25362432
12	$\mathcal{O}(1; \{6^8, 4^2, 3^2, 2^{12}\})$	98496
12	$\mathcal{O}(1; \{6^8, 4^2, 3^5, 2^8\})$	786240
12	$\mathcal{O}(1; \{6^8, 4^2, 3^8, 2^4\})$	6291648
12	$\mathcal{O}(1; \{6^8, 4^2, 3^{11}\})$	50331456
12	$\mathcal{O}(1; \{6^8, 4^4, 3^2, 2^9\})$	393984
12	$\mathcal{O}(1; \{6^8, 4^4, 3^5, 2^5\})$	3144960
12	$\mathcal{O}(1; \{6^8, 4^4, 3^8, 2\})$	25166592
12	$\mathcal{O}(1; \{6^8, 4^6, 3^2, 2^6\})$	1575936
12	$\mathcal{O}(1; \{6^8, 4^6, 3^5, 2^2\})$	12579840
12	$\mathcal{O}(1; \{6^8, 4^8, 3^2, 2^3\})$	6303744
12	$\mathcal{O}(1; \{6^8, 4^{10}, 3^2\})$	25214976
12	$\mathcal{O}(1; \{6^9, 4^2, 2^{13}\})$	48960
12	$\mathcal{O}(1; \{6^9, 4^2, 3^3, 2^9\})$	393408
12	$\mathcal{O}(1; \{6^9, 4^2, 3^6, 2^5\})$	3145536
12	$\mathcal{O}(1; \{6^9, 4^2, 3^9, 2\})$	25166016
12	$\mathcal{O}(1; \{6^9, 4^4, 2^{10}\})$	195840
12	$\mathcal{O}(1; \{6^9, 4^4, 3^3, 2^6\})$	1573632
12	$\mathcal{O}(1; \{6^9, 4^4, 3^6, 2^2\})$	12582144
12	$\mathcal{O}(1; \{6^9, 4^6, 2^7\})$	783360
12	$\mathcal{O}(1; \{6^9, 4^6, 3^3, 2^3\})$	6294528
12	$\mathcal{O}(1; \{6^9, 4^8, 2^4\})$	3133440
12	$\mathcal{O}(1; \{6^9, 4^8, 3^3\})$	25178112
12	$\mathcal{O}(1; \{6^9, 4^{10}, 2\})$	12533760
12	$\mathcal{O}(1; \{6^{10}, 4^2, 3, 2^{10}\})$	196416
12	$\mathcal{O}(1; \{6^{10}, 4^2, 3^4, 2^6\})$	1573056
12	$\mathcal{O}(1; \{6^{10}, 4^2, 3^7, 2^2\})$	12582720
12	$\mathcal{O}(1; \{6^{10}, 4^4, 3, 2^7\})$	785664
12	$\mathcal{O}(1; \{6^{10}, 4^4, 3^4, 2^3\})$	6292224
12	$\mathcal{O}(1; \{6^{10}, 4^6, 3, 2^4\})$	3142656

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^{10}, 4^6, 3^4\})$	25168896
12	$\mathcal{O}(1; \{6^{10}, 4^8, 3, 2\})$	12570624
12	$\mathcal{O}(1; \{6^{11}, 4^2, 3^2, 2^7\})$	786240
12	$\mathcal{O}(1; \{6^{11}, 4^2, 3^5, 2^3\})$	6291648
12	$\mathcal{O}(1; \{6^{11}, 4^4, 3^2, 2^4\})$	3144960
12	$\mathcal{O}(1; \{6^{11}, 4^4, 3^5\})$	25166592
12	$\mathcal{O}(1; \{6^{11}, 4^6, 3^2, 2\})$	12579840
12	$\mathcal{O}(1; \{6^{12}, 4^2, 2^8\})$	393408
12	$\mathcal{O}(1; \{6^{12}, 4^2, 3^3, 2^4\})$	3145536
12	$\mathcal{O}(1; \{6^{12}, 4^2, 3^6\})$	25166016
12	$\mathcal{O}(1; \{6^{12}, 4^4, 2^5\})$	1573632
12	$\mathcal{O}(1; \{6^{12}, 4^4, 3^3, 2\})$	12582144
12	$\mathcal{O}(1; \{6^{12}, 4^6, 2^2\})$	6294528
12	$\mathcal{O}(1; \{6^{13}, 4^2, 3, 2^5\})$	1573056
12	$\mathcal{O}(1; \{6^{13}, 4^2, 3^4, 2\})$	12582720
12	$\mathcal{O}(1; \{6^{13}, 4^4, 3, 2^2\})$	6292224
12	$\mathcal{O}(1; \{6^{14}, 4^2, 3^2, 2^2\})$	6291648
12	$\mathcal{O}(1; \{6^{15}, 4^2, 2^3\})$	3145536
12	$\mathcal{O}(1; \{6^{15}, 4^4\})$	12582144
12	$\mathcal{O}(1; \{6^{16}, 4^2, 3\})$	12582720
12	$\mathcal{O}(1; \{12, 4, 3^2, 2^{25}\})$	576
12	$\mathcal{O}(1; \{12, 4, 3^5, 2^{21}\})$	6336
12	$\mathcal{O}(1; \{12, 4, 3^8, 2^{17}\})$	48960
12	$\mathcal{O}(1; \{12, 4, 3^{11}, 2^{13}\})$	393408
12	$\mathcal{O}(1; \{12, 4, 3^{14}, 2^9\})$	3145536
12	$\mathcal{O}(1; \{12, 4, 3^{17}, 2^5\})$	25166016
12	$\mathcal{O}(1; \{12, 4, 3^{20}, 2\})$	201326400
12	$\mathcal{O}(1; \{12, 4^3, 3^2, 2^{22}\})$	2304
12	$\mathcal{O}(1; \{12, 4^3, 3^5, 2^{18}\})$	25344
12	$\mathcal{O}(1; \{12, 4^3, 3^8, 2^{14}\})$	195840
12	$\mathcal{O}(1; \{12, 4^3, 3^{11}, 2^{10}\})$	1573632
12	$\mathcal{O}(1; \{12, 4^3, 3^{14}, 2^6\})$	12582144
12	$\mathcal{O}(1; \{12, 4^3, 3^{17}, 2^2\})$	100664064
12	$\mathcal{O}(1; \{12, 4^5, 3^2, 2^{19}\})$	9216
12	$\mathcal{O}(1; \{12, 4^5, 3^5, 2^{15}\})$	101376
12	$\mathcal{O}(1; \{12, 4^5, 3^8, 2^{11}\})$	783360
12	$\mathcal{O}(1; \{12, 4^5, 3^{11}, 2^7\})$	6294528
12	$\mathcal{O}(1; \{12, 4^5, 3^{14}, 2^3\})$	50328576
12	$\mathcal{O}(1; \{12, 4^7, 3^2, 2^{16}\})$	36864
12	$\mathcal{O}(1; \{12, 4^7, 3^5, 2^{12}\})$	405504
12	$\mathcal{O}(1; \{12, 4^7, 3^8, 2^8\})$	3133440
12	$\mathcal{O}(1; \{12, 4^7, 3^{11}, 2^4\})$	25178112
12	$\mathcal{O}(1; \{12, 4^7, 3^{14}\})$	201314304

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 4^9, 3^2, 2^{13}\})$	147456
12	$\mathcal{O}(1; \{12, 4^9, 3^5, 2^9\})$	1622016
12	$\mathcal{O}(1; \{12, 4^9, 3^8, 2^5\})$	12533760
12	$\mathcal{O}(1; \{12, 4^9, 3^{11}, 2\})$	100712448
12	$\mathcal{O}(1; \{12, 4^{11}, 3^2, 2^{10}\})$	589824
12	$\mathcal{O}(1; \{12, 4^{11}, 3^5, 2^6\})$	6488064
12	$\mathcal{O}(1; \{12, 4^{11}, 3^8, 2^2\})$	50135040
12	$\mathcal{O}(1; \{12, 4^{13}, 3^2, 2^7\})$	2359296
12	$\mathcal{O}(1; \{12, 4^{13}, 3^5, 2^3\})$	25952256
12	$\mathcal{O}(1; \{12, 4^{15}, 3^2, 2^4\})$	9437184
12	$\mathcal{O}(1; \{12, 4^{15}, 3^5\})$	103809024
12	$\mathcal{O}(1; \{12, 4^{17}, 3^2, 2\})$	37748736
12	$\mathcal{O}(1; \{12, 6, 4, 2^{26}\})$	576
12	$\mathcal{O}(1; \{12, 6, 4, 3^3, 2^{22}\})$	2880
12	$\mathcal{O}(1; \{12, 6, 4, 3^6, 2^{18}\})$	24768
12	$\mathcal{O}(1; \{12, 6, 4, 3^9, 2^{14}\})$	196416
12	$\mathcal{O}(1; \{12, 6, 4, 3^{12}, 2^{10}\})$	1573056
12	$\mathcal{O}(1; \{12, 6, 4, 3^{15}, 2^6\})$	12582720
12	$\mathcal{O}(1; \{12, 6, 4, 3^{18}, 2^2\})$	100663488
12	$\mathcal{O}(1; \{12, 6, 4^3, 2^{23}\})$	2304
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^3, 2^{19}\})$	11520
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^6, 2^{15}\})$	99072
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^9, 2^{11}\})$	785664
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^{12}, 2^7\})$	6292224
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^{15}, 2^3\})$	50330880
12	$\mathcal{O}(1; \{12, 6, 4^5, 2^{20}\})$	9216
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^3, 2^{16}\})$	46080
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^6, 2^{12}\})$	396288
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^9, 2^8\})$	3142656
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^{12}, 2^4\})$	25168896
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^{15}\})$	201323520
12	$\mathcal{O}(1; \{12, 6, 4^7, 2^{17}\})$	36864
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^3, 2^{13}\})$	184320
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^6, 2^9\})$	1585152
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^9, 2^5\})$	12570624
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^{12}, 2\})$	100675584
12	$\mathcal{O}(1; \{12, 6, 4^9, 2^{14}\})$	147456
12	$\mathcal{O}(1; \{12, 6, 4^9, 3^3, 2^{10}\})$	737280
12	$\mathcal{O}(1; \{12, 6, 4^9, 3^6, 2^6\})$	6340608
12	$\mathcal{O}(1; \{12, 6, 4^9, 3^9, 2^2\})$	50282496
12	$\mathcal{O}(1; \{12, 6, 4^{11}, 2^{11}\})$	589824
12	$\mathcal{O}(1; \{12, 6, 4^{11}, 3^3, 2^7\})$	2949120
12	$\mathcal{O}(1; \{12, 6, 4^{11}, 3^6, 2^3\})$	25362432

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6, 4^{13}, 2^8\})$	2359296
12	$\mathcal{O}(1; \{12, 6, 4^{13}, 3^3, 2^4\})$	11796480
12	$\mathcal{O}(1; \{12, 6, 4^{13}, 3^6\})$	101449728
12	$\mathcal{O}(1; \{12, 6, 4^{15}, 2^5\})$	9437184
12	$\mathcal{O}(1; \{12, 6, 4^{15}, 3^3, 2\})$	47185920
12	$\mathcal{O}(1; \{12, 6, 4^{17}, 2^2\})$	37748736
12	$\mathcal{O}(1; \{12, 6^2, 4, 3, 2^{23}\})$	1728
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^4, 2^{19}\})$	12096
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^7, 2^{15}\})$	98496
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^{10}, 2^{11}\})$	786240
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^{13}, 2^7\})$	6291648
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^{16}, 2^3\})$	50331456
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3, 2^{20}\})$	6912
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^4, 2^{16}\})$	48384
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^7, 2^{12}\})$	393984
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^{10}, 2^8\})$	3144960
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^{13}, 2^4\})$	25166592
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^{16}\})$	201325824
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3, 2^{17}\})$	27648
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^4, 2^{13}\})$	193536
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^7, 2^9\})$	1575936
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^{10}, 2^5\})$	12579840
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^{13}, 2\})$	100666368
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3, 2^{14}\})$	110592
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^4, 2^{10}\})$	774144
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^7, 2^6\})$	6303744
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^{10}, 2^2\})$	50319360
12	$\mathcal{O}(1; \{12, 6^2, 4^9, 3, 2^{11}\})$	442368
12	$\mathcal{O}(1; \{12, 6^2, 4^9, 3^4, 2^7\})$	3096576
12	$\mathcal{O}(1; \{12, 6^2, 4^9, 3^7, 2^3\})$	25214976
12	$\mathcal{O}(1; \{12, 6^2, 4^{11}, 3, 2^8\})$	1769472
12	$\mathcal{O}(1; \{12, 6^2, 4^{11}, 3^4, 2^4\})$	12386304
12	$\mathcal{O}(1; \{12, 6^2, 4^{11}, 3^7\})$	100859904
12	$\mathcal{O}(1; \{12, 6^2, 4^{13}, 3, 2^5\})$	7077888
12	$\mathcal{O}(1; \{12, 6^2, 4^{13}, 3^4, 2\})$	49545216
12	$\mathcal{O}(1; \{12, 6^2, 4^{15}, 3, 2^2\})$	28311552
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^2, 2^{20}\})$	6336
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^5, 2^{16}\})$	48960
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^8, 2^{12}\})$	393408
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^{11}, 2^8\})$	3145536
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^{14}, 2^4\})$	25166016
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^{17}\})$	201326400
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^2, 2^{17}\})$	25344

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^5, 2^{13}\})$	195840
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^8, 2^9\})$	1573632
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^{11}, 2^5\})$	12582144
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^{14}, 2\})$	100664064
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^2, 2^{14}\})$	101376
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^5, 2^{10}\})$	783360
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^8, 2^6\})$	6294528
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^{11}, 2^2\})$	50328576
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 3^2, 2^{11}\})$	405504
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 3^5, 2^7\})$	3133440
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 3^8, 2^3\})$	25178112
12	$\mathcal{O}(1; \{12, 6^3, 4^9, 3^2, 2^8\})$	1622016
12	$\mathcal{O}(1; \{12, 6^3, 4^9, 3^5, 2^4\})$	12533760
12	$\mathcal{O}(1; \{12, 6^3, 4^9, 3^8\})$	100712448
12	$\mathcal{O}(1; \{12, 6^3, 4^{11}, 3^2, 2^5\})$	6488064
12	$\mathcal{O}(1; \{12, 6^3, 4^{11}, 3^5, 2\})$	50135040
12	$\mathcal{O}(1; \{12, 6^3, 4^{13}, 3^2, 2^2\})$	25952256
12	$\mathcal{O}(1; \{12, 6^4, 4, 2^{21}\})$	2880
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^3, 2^{17}\})$	24768
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^6, 2^{13}\})$	196416
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^9, 2^9\})$	1573056
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^{12}, 2^5\})$	12582720
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^{15}, 2\})$	100663488
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 2^{18}\})$	11520
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^3, 2^{14}\})$	99072
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^6, 2^{10}\})$	785664
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^9, 2^6\})$	6292224
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^{12}, 2^2\})$	50330880
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 2^{15}\})$	46080
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3^3, 2^{11}\})$	396288
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3^6, 2^7\})$	3142656
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3^9, 2^3\})$	25168896
12	$\mathcal{O}(1; \{12, 6^4, 4^7, 2^{12}\})$	184320
12	$\mathcal{O}(1; \{12, 6^4, 4^7, 3^3, 2^8\})$	1585152
12	$\mathcal{O}(1; \{12, 6^4, 4^7, 3^6, 2^4\})$	12570624
12	$\mathcal{O}(1; \{12, 6^4, 4^7, 3^9\})$	100675584
12	$\mathcal{O}(1; \{12, 6^4, 4^9, 2^9\})$	737280
12	$\mathcal{O}(1; \{12, 6^4, 4^9, 3^3, 2^5\})$	6340608
12	$\mathcal{O}(1; \{12, 6^4, 4^9, 3^6, 2\})$	50282496
12	$\mathcal{O}(1; \{12, 6^4, 4^{11}, 2^6\})$	2949120
12	$\mathcal{O}(1; \{12, 6^4, 4^{11}, 3^3, 2^2\})$	25362432
12	$\mathcal{O}(1; \{12, 6^4, 4^{13}, 2^3\})$	11796480
12	$\mathcal{O}(1; \{12, 6^4, 4^{15}\})$	47185920

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^5, 4, 3, 2^{18}\})$	12096
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^4, 2^{14}\})$	98496
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^7, 2^{10}\})$	786240
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^{10}, 2^6\})$	6291648
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^{13}, 2^2\})$	50331456
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3, 2^{15}\})$	48384
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^4, 2^{11}\})$	393984
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^7, 2^7\})$	3144960
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^{10}, 2^3\})$	25166592
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 3, 2^{12}\})$	193536
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 3^4, 2^8\})$	1575936
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 3^7, 2^4\})$	12579840
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 3^{10}\})$	100666368
12	$\mathcal{O}(1; \{12, 6^5, 4^7, 3, 2^9\})$	774144
12	$\mathcal{O}(1; \{12, 6^5, 4^7, 3^4, 2^5\})$	6303744
12	$\mathcal{O}(1; \{12, 6^5, 4^7, 3^7, 2\})$	50319360
12	$\mathcal{O}(1; \{12, 6^5, 4^9, 3, 2^6\})$	3096576
12	$\mathcal{O}(1; \{12, 6^5, 4^9, 3^4, 2^2\})$	25214976
12	$\mathcal{O}(1; \{12, 6^5, 4^{11}, 3, 2^3\})$	12386304
12	$\mathcal{O}(1; \{12, 6^5, 4^{13}, 3\})$	49545216
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^2, 2^{15}\})$	48960
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^5, 2^{11}\})$	393408
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^8, 2^7\})$	3145536
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^{11}, 2^3\})$	25166016
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3^2, 2^{12}\})$	195840
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3^5, 2^8\})$	1573632
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3^8, 2^4\})$	12582144
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3^{11}\})$	100664064
12	$\mathcal{O}(1; \{12, 6^6, 4^5, 3^2, 2^9\})$	783360
12	$\mathcal{O}(1; \{12, 6^6, 4^5, 3^5, 2^5\})$	6294528
12	$\mathcal{O}(1; \{12, 6^6, 4^5, 3^8, 2\})$	50328576
12	$\mathcal{O}(1; \{12, 6^6, 4^7, 3^2, 2^6\})$	3133440
12	$\mathcal{O}(1; \{12, 6^6, 4^7, 3^5, 2^2\})$	25178112
12	$\mathcal{O}(1; \{12, 6^6, 4^9, 3^2, 2^3\})$	12533760
12	$\mathcal{O}(1; \{12, 6^6, 4^{11}, 3^2\})$	50135040
12	$\mathcal{O}(1; \{12, 6^7, 4, 2^{16}\})$	24768
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^3, 2^{12}\})$	196416
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^6, 2^8\})$	1573056
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^9, 2^4\})$	12582720
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^{12}\})$	100663488
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 2^{13}\})$	99072
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 3^3, 2^9\})$	785664
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 3^6, 2^5\})$	6292224

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 3^9, 2\})$	50330880
12	$\mathcal{O}(1; \{12, 6^7, 4^5, 2^{10}\})$	396288
12	$\mathcal{O}(1; \{12, 6^7, 4^5, 3^3, 2^6\})$	3142656
12	$\mathcal{O}(1; \{12, 6^7, 4^5, 3^6, 2^2\})$	25168896
12	$\mathcal{O}(1; \{12, 6^7, 4^7, 2^7\})$	1585152
12	$\mathcal{O}(1; \{12, 6^7, 4^7, 3^3, 2^3\})$	12570624
12	$\mathcal{O}(1; \{12, 6^7, 4^9, 2^4\})$	6340608
12	$\mathcal{O}(1; \{12, 6^7, 4^9, 3^3\})$	50282496
12	$\mathcal{O}(1; \{12, 6^7, 4^{11}, 2\})$	25362432
12	$\mathcal{O}(1; \{12, 6^8, 4, 3, 2^{13}\})$	98496
12	$\mathcal{O}(1; \{12, 6^8, 4, 3^4, 2^9\})$	786240
12	$\mathcal{O}(1; \{12, 6^8, 4, 3^7, 2^5\})$	6291648
12	$\mathcal{O}(1; \{12, 6^8, 4, 3^{10}, 2\})$	50331456
12	$\mathcal{O}(1; \{12, 6^8, 4^3, 3, 2^{10}\})$	393984
12	$\mathcal{O}(1; \{12, 6^8, 4^3, 3^4, 2^6\})$	3144960
12	$\mathcal{O}(1; \{12, 6^8, 4^3, 3^7, 2^2\})$	25166592
12	$\mathcal{O}(1; \{12, 6^8, 4^5, 3, 2^7\})$	1575936
12	$\mathcal{O}(1; \{12, 6^8, 4^5, 3^4, 2^3\})$	12579840
12	$\mathcal{O}(1; \{12, 6^8, 4^7, 3, 2^4\})$	6303744
12	$\mathcal{O}(1; \{12, 6^8, 4^7, 3^4\})$	50319360
12	$\mathcal{O}(1; \{12, 6^8, 4^9, 3, 2\})$	25214976
12	$\mathcal{O}(1; \{12, 6^9, 4, 3^2, 2^{10}\})$	393408
12	$\mathcal{O}(1; \{12, 6^9, 4, 3^5, 2^6\})$	3145536
12	$\mathcal{O}(1; \{12, 6^9, 4, 3^8, 2^2\})$	25166016
12	$\mathcal{O}(1; \{12, 6^9, 4^3, 3^2, 2^7\})$	1573632
12	$\mathcal{O}(1; \{12, 6^9, 4^3, 3^5, 2^3\})$	12582144
12	$\mathcal{O}(1; \{12, 6^9, 4^5, 3^2, 2^4\})$	6294528
12	$\mathcal{O}(1; \{12, 6^9, 4^5, 3^5\})$	50328576
12	$\mathcal{O}(1; \{12, 6^9, 4^7, 3^2, 2\})$	25178112
12	$\mathcal{O}(1; \{12, 6^{10}, 4, 2^{11}\})$	196416
12	$\mathcal{O}(1; \{12, 6^{10}, 4, 3^3, 2^7\})$	1573056
12	$\mathcal{O}(1; \{12, 6^{10}, 4, 3^6, 2^3\})$	12582720
12	$\mathcal{O}(1; \{12, 6^{10}, 4^3, 2^8\})$	785664
12	$\mathcal{O}(1; \{12, 6^{10}, 4^3, 3^3, 2^4\})$	6292224
12	$\mathcal{O}(1; \{12, 6^{10}, 4^3, 3^6\})$	50330880
12	$\mathcal{O}(1; \{12, 6^{10}, 4^5, 2^5\})$	3142656
12	$\mathcal{O}(1; \{12, 6^{10}, 4^5, 3^3, 2\})$	25168896
12	$\mathcal{O}(1; \{12, 6^{10}, 4^7, 2^2\})$	12570624
12	$\mathcal{O}(1; \{12, 6^{11}, 4, 3, 2^8\})$	786240
12	$\mathcal{O}(1; \{12, 6^{11}, 4, 3^4, 2^4\})$	6291648
12	$\mathcal{O}(1; \{12, 6^{11}, 4, 3^7\})$	50331456
12	$\mathcal{O}(1; \{12, 6^{11}, 4^3, 3, 2^5\})$	3144960
12	$\mathcal{O}(1; \{12, 6^{11}, 4^3, 3^4, 2\})$	25166592

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^{11}, 4^5, 3, 2^2\})$	12579840
12	$\mathcal{O}(1; \{12, 6^{12}, 4, 3^2, 2^5\})$	3145536
12	$\mathcal{O}(1; \{12, 6^{12}, 4, 3^5, 2\})$	25166016
12	$\mathcal{O}(1; \{12, 6^{12}, 4^3, 3^2, 2^2\})$	12582144
12	$\mathcal{O}(1; \{12, 6^{13}, 4, 2^6\})$	1573056
12	$\mathcal{O}(1; \{12, 6^{13}, 4, 3^3, 2^2\})$	12582720
12	$\mathcal{O}(1; \{12, 6^{13}, 4^3, 2^3\})$	6292224
12	$\mathcal{O}(1; \{12, 6^{13}, 4^5\})$	25168896
12	$\mathcal{O}(1; \{12, 6^{14}, 4, 3, 2^3\})$	6291648
12	$\mathcal{O}(1; \{12, 6^{14}, 4^3, 3\})$	25166592
12	$\mathcal{O}(1; \{12, 6^{15}, 4, 3^2\})$	25166016
12	$\mathcal{O}(1; \{12, 6^{16}, 4, 2\})$	12582720
12	$\mathcal{O}(1; \{12^2, 3, 2^{26}\})$	576
12	$\mathcal{O}(1; \{12^2, 3^4, 2^{22}\})$	6336
12	$\mathcal{O}(1; \{12^2, 3^7, 2^{18}\})$	48960
12	$\mathcal{O}(1; \{12^2, 3^{10}, 2^{14}\})$	393408
12	$\mathcal{O}(1; \{12^2, 3^{13}, 2^{10}\})$	3145536
12	$\mathcal{O}(1; \{12^2, 3^{16}, 2^6\})$	25166016
12	$\mathcal{O}(1; \{12^2, 3^{19}, 2^2\})$	201326400
12	$\mathcal{O}(1; \{12^2, 4^2, 3, 2^{23}\})$	2304
12	$\mathcal{O}(1; \{12^2, 4^2, 3^4, 2^{19}\})$	25344
12	$\mathcal{O}(1; \{12^2, 4^2, 3^7, 2^{15}\})$	195840
12	$\mathcal{O}(1; \{12^2, 4^2, 3^{10}, 2^{11}\})$	1573632
12	$\mathcal{O}(1; \{12^2, 4^2, 3^{13}, 2^7\})$	12582144
12	$\mathcal{O}(1; \{12^2, 4^2, 3^{16}, 2^3\})$	100664064
12	$\mathcal{O}(1; \{12^2, 4^4, 3, 2^{20}\})$	9216
12	$\mathcal{O}(1; \{12^2, 4^4, 3^4, 2^{16}\})$	101376
12	$\mathcal{O}(1; \{12^2, 4^4, 3^7, 2^{12}\})$	783360
12	$\mathcal{O}(1; \{12^2, 4^4, 3^{10}, 2^8\})$	6294528
12	$\mathcal{O}(1; \{12^2, 4^4, 3^{13}, 2^4\})$	50328576
12	$\mathcal{O}(1; \{12^2, 4^4, 3^{16}\})$	402656256
12	$\mathcal{O}(1; \{12^2, 4^6, 3, 2^{17}\})$	36864
12	$\mathcal{O}(1; \{12^2, 4^6, 3^4, 2^{13}\})$	405504
12	$\mathcal{O}(1; \{12^2, 4^6, 3^7, 2^9\})$	3133440
12	$\mathcal{O}(1; \{12^2, 4^6, 3^{10}, 2^5\})$	25178112
12	$\mathcal{O}(1; \{12^2, 4^6, 3^{13}, 2\})$	201314304
12	$\mathcal{O}(1; \{12^2, 4^8, 3, 2^{14}\})$	147456
12	$\mathcal{O}(1; \{12^2, 4^8, 3^4, 2^{10}\})$	1622016
12	$\mathcal{O}(1; \{12^2, 4^8, 3^7, 2^6\})$	12533760
12	$\mathcal{O}(1; \{12^2, 4^8, 3^{10}, 2^2\})$	100712448
12	$\mathcal{O}(1; \{12^2, 4^{10}, 3, 2^{11}\})$	589824
12	$\mathcal{O}(1; \{12^2, 4^{10}, 3^4, 2^7\})$	6488064
12	$\mathcal{O}(1; \{12^2, 4^{10}, 3^7, 2^3\})$	50135040

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 4^{12}, 3, 2^8\})$	2359296
12	$\mathcal{O}(1; \{12^2, 4^{12}, 3^4, 2^4\})$	25952256
12	$\mathcal{O}(1; \{12^2, 4^{12}, 3^7\})$	200540160
12	$\mathcal{O}(1; \{12^2, 4^{14}, 3, 2^5\})$	9437184
12	$\mathcal{O}(1; \{12^2, 4^{14}, 3^4, 2\})$	103809024
12	$\mathcal{O}(1; \{12^2, 4^{16}, 3, 2^2\})$	37748736
12	$\mathcal{O}(1; \{12^2, 6, 3^2, 2^{23}\})$	2880
12	$\mathcal{O}(1; \{12^2, 6, 3^5, 2^{19}\})$	24768
12	$\mathcal{O}(1; \{12^2, 6, 3^8, 2^{15}\})$	196416
12	$\mathcal{O}(1; \{12^2, 6, 3^{11}, 2^{11}\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6, 3^{14}, 2^7\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6, 3^{17}, 2^3\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^2, 2^{20}\})$	11520
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^5, 2^{16}\})$	99072
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^8, 2^{12}\})$	785664
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^{11}, 2^8\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^{14}, 2^4\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^{17}\})$	402653952
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^2, 2^{17}\})$	46080
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^5, 2^{13}\})$	396288
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^8, 2^9\})$	3142656
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^{11}, 2^5\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^{14}, 2\})$	201323520
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^2, 2^{14}\})$	184320
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^5, 2^{10}\})$	1585152
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^8, 2^6\})$	12570624
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^{11}, 2^2\})$	100675584
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 3^2, 2^{11}\})$	737280
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 3^5, 2^7\})$	6340608
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 3^8, 2^3\})$	50282496
12	$\mathcal{O}(1; \{12^2, 6, 4^{10}, 3^2, 2^8\})$	2949120
12	$\mathcal{O}(1; \{12^2, 6, 4^{10}, 3^5, 2^4\})$	25362432
12	$\mathcal{O}(1; \{12^2, 6, 4^{10}, 3^8\})$	201129984
12	$\mathcal{O}(1; \{12^2, 6, 4^{12}, 3^2, 2^5\})$	11796480
12	$\mathcal{O}(1; \{12^2, 6, 4^{12}, 3^5, 2\})$	101449728
12	$\mathcal{O}(1; \{12^2, 6, 4^{14}, 3^2, 2^2\})$	47185920
12	$\mathcal{O}(1; \{12^2, 6^2, 2^{24}\})$	1728
12	$\mathcal{O}(1; \{12^2, 6^2, 3^3, 2^{20}\})$	12096
12	$\mathcal{O}(1; \{12^2, 6^2, 3^6, 2^{16}\})$	98496
12	$\mathcal{O}(1; \{12^2, 6^2, 3^9, 2^{12}\})$	786240
12	$\mathcal{O}(1; \{12^2, 6^2, 3^{12}, 2^8\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^2, 3^{15}, 2^4\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^2, 3^{18}\})$	402653376

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 2^{21}\})$	6912
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^3, 2^{17}\})$	48384
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^6, 2^{13}\})$	393984
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^9, 2^9\})$	3144960
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^{12}, 2^5\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^{15}, 2\})$	201325824
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 2^{18}\})$	27648
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^3, 2^{14}\})$	193536
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^6, 2^{10}\})$	1575936
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^9, 2^6\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^{12}, 2^2\})$	100666368
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 2^{15}\})$	110592
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3^3, 2^{11}\})$	774144
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3^6, 2^7\})$	6303744
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3^9, 2^3\})$	50319360
12	$\mathcal{O}(1; \{12^2, 6^2, 4^8, 2^{12}\})$	442368
12	$\mathcal{O}(1; \{12^2, 6^2, 4^8, 3^3, 2^8\})$	3096576
12	$\mathcal{O}(1; \{12^2, 6^2, 4^8, 3^6, 2^4\})$	25214976
12	$\mathcal{O}(1; \{12^2, 6^2, 4^8, 3^9\})$	201277440
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{10}, 2^9\})$	1769472
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{10}, 3^3, 2^5\})$	12386304
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{10}, 3^6, 2\})$	100859904
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{12}, 2^6\})$	7077888
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{12}, 3^3, 2^2\})$	49545216
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{14}, 2^3\})$	28311552
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{16}\})$	113246208
12	$\mathcal{O}(1; \{12^2, 6^3, 3, 2^{21}\})$	6336
12	$\mathcal{O}(1; \{12^2, 6^3, 3^4, 2^{17}\})$	48960
12	$\mathcal{O}(1; \{12^2, 6^3, 3^7, 2^{13}\})$	393408
12	$\mathcal{O}(1; \{12^2, 6^3, 3^{10}, 2^9\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^3, 3^{13}, 2^5\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^3, 3^{16}, 2\})$	201326400
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3, 2^{18}\})$	25344
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^4, 2^{14}\})$	195840
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^7, 2^{10}\})$	1573632
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^{10}, 2^6\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^{13}, 2^2\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3, 2^{15}\})$	101376
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^4, 2^{11}\})$	783360
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^7, 2^7\})$	6294528
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^{10}, 2^3\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 3, 2^{12}\})$	405504
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 3^4, 2^8\})$	3133440

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 3^7, 2^4\})$	25178112
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 3^{10}\})$	201314304
12	$\mathcal{O}(1; \{12^2, 6^3, 4^8, 3, 2^9\})$	1622016
12	$\mathcal{O}(1; \{12^2, 6^3, 4^8, 3^4, 2^5\})$	12533760
12	$\mathcal{O}(1; \{12^2, 6^3, 4^8, 3^7, 2\})$	100712448
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{10}, 3, 2^6\})$	6488064
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{10}, 3^4, 2^2\})$	50135040
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{12}, 3, 2^3\})$	25952256
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{14}, 3\})$	103809024
12	$\mathcal{O}(1; \{12^2, 6^4, 3^2, 2^{18}\})$	24768
12	$\mathcal{O}(1; \{12^2, 6^4, 3^5, 2^{14}\})$	196416
12	$\mathcal{O}(1; \{12^2, 6^4, 3^8, 2^{10}\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^4, 3^{11}, 2^6\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^4, 3^{14}, 2^2\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^2, 2^{15}\})$	99072
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^5, 2^{11}\})$	785664
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^8, 2^7\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^{11}, 2^3\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3^2, 2^{12}\})$	396288
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3^5, 2^8\})$	3142656
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3^8, 2^4\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3^{11}\})$	201323520
12	$\mathcal{O}(1; \{12^2, 6^4, 4^6, 3^2, 2^9\})$	1585152
12	$\mathcal{O}(1; \{12^2, 6^4, 4^6, 3^5, 2^5\})$	12570624
12	$\mathcal{O}(1; \{12^2, 6^4, 4^6, 3^8, 2\})$	100675584
12	$\mathcal{O}(1; \{12^2, 6^4, 4^8, 3^2, 2^6\})$	6340608
12	$\mathcal{O}(1; \{12^2, 6^4, 4^8, 3^5, 2^2\})$	50282496
12	$\mathcal{O}(1; \{12^2, 6^4, 4^{10}, 3^2, 2^3\})$	25362432
12	$\mathcal{O}(1; \{12^2, 6^4, 4^{12}, 3^2\})$	101449728
12	$\mathcal{O}(1; \{12^2, 6^5, 2^{19}\})$	12096
12	$\mathcal{O}(1; \{12^2, 6^5, 3^3, 2^{15}\})$	98496
12	$\mathcal{O}(1; \{12^2, 6^5, 3^6, 2^{11}\})$	786240
12	$\mathcal{O}(1; \{12^2, 6^5, 3^9, 2^7\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^5, 3^{12}, 2^3\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 2^{16}\})$	48384
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^3, 2^{12}\})$	393984
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^6, 2^8\})$	3144960
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^9, 2^4\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^{12}\})$	201325824
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 2^{13}\})$	193536
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 3^3, 2^9\})$	1575936
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 3^6, 2^5\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 3^9, 2\})$	100666368

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^5, 4^6, 2^{10}\})$	774144
12	$\mathcal{O}(1; \{12^2, 6^5, 4^6, 3^3, 2^6\})$	6303744
12	$\mathcal{O}(1; \{12^2, 6^5, 4^6, 3^6, 2^2\})$	50319360
12	$\mathcal{O}(1; \{12^2, 6^5, 4^8, 2^7\})$	3096576
12	$\mathcal{O}(1; \{12^2, 6^5, 4^8, 3^3, 2^3\})$	25214976
12	$\mathcal{O}(1; \{12^2, 6^5, 4^{10}, 2^4\})$	12386304
12	$\mathcal{O}(1; \{12^2, 6^5, 4^{10}, 3^3\})$	100859904
12	$\mathcal{O}(1; \{12^2, 6^5, 4^{12}, 2\})$	49545216
12	$\mathcal{O}(1; \{12^2, 6^6, 3, 2^{16}\})$	48960
12	$\mathcal{O}(1; \{12^2, 6^6, 3^4, 2^{12}\})$	393408
12	$\mathcal{O}(1; \{12^2, 6^6, 3^7, 2^8\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^6, 3^{10}, 2^4\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^6, 3^{13}\})$	201326400
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3, 2^{13}\})$	195840
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3^4, 2^9\})$	1573632
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3^7, 2^5\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3^{10}, 2\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6^6, 4^4, 3, 2^{10}\})$	783360
12	$\mathcal{O}(1; \{12^2, 6^6, 4^4, 3^4, 2^6\})$	6294528
12	$\mathcal{O}(1; \{12^2, 6^6, 4^4, 3^7, 2^2\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^6, 4^6, 3, 2^7\})$	3133440
12	$\mathcal{O}(1; \{12^2, 6^6, 4^6, 3^4, 2^3\})$	25178112
12	$\mathcal{O}(1; \{12^2, 6^6, 4^8, 3, 2^4\})$	12533760
12	$\mathcal{O}(1; \{12^2, 6^6, 4^8, 3^4\})$	100712448
12	$\mathcal{O}(1; \{12^2, 6^6, 4^{10}, 3, 2\})$	50135040
12	$\mathcal{O}(1; \{12^2, 6^7, 3^2, 2^{13}\})$	196416
12	$\mathcal{O}(1; \{12^2, 6^7, 3^5, 2^9\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^7, 3^8, 2^5\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^7, 3^{11}, 2\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 3^2, 2^{10}\})$	785664
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 3^5, 2^6\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 3^8, 2^2\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^7, 4^4, 3^2, 2^7\})$	3142656
12	$\mathcal{O}(1; \{12^2, 6^7, 4^4, 3^5, 2^3\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6^7, 4^6, 3^2, 2^4\})$	12570624
12	$\mathcal{O}(1; \{12^2, 6^7, 4^6, 3^5\})$	100675584
12	$\mathcal{O}(1; \{12^2, 6^7, 4^8, 3^2, 2\})$	50282496
12	$\mathcal{O}(1; \{12^2, 6^8, 2^{14}\})$	98496
12	$\mathcal{O}(1; \{12^2, 6^8, 3^3, 2^{10}\})$	786240
12	$\mathcal{O}(1; \{12^2, 6^8, 3^6, 2^6\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^8, 3^9, 2^2\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^8, 4^2, 2^{11}\})$	393984
12	$\mathcal{O}(1; \{12^2, 6^8, 4^2, 3^3, 2^7\})$	3144960

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^8, 4^2, 3^6, 2^3\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^8, 4^4, 2^8\})$	1575936
12	$\mathcal{O}(1; \{12^2, 6^8, 4^4, 3^3, 2^4\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6^8, 4^4, 3^6\})$	100666368
12	$\mathcal{O}(1; \{12^2, 6^8, 4^6, 2^5\})$	6303744
12	$\mathcal{O}(1; \{12^2, 6^8, 4^6, 3^3, 2\})$	50319360
12	$\mathcal{O}(1; \{12^2, 6^8, 4^8, 2^2\})$	25214976
12	$\mathcal{O}(1; \{12^2, 6^9, 3, 2^{11}\})$	393408
12	$\mathcal{O}(1; \{12^2, 6^9, 3^4, 2^7\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^9, 3^7, 2^3\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^9, 4^2, 3, 2^8\})$	1573632
12	$\mathcal{O}(1; \{12^2, 6^9, 4^2, 3^4, 2^4\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^9, 4^2, 3^7\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6^9, 4^4, 3, 2^5\})$	6294528
12	$\mathcal{O}(1; \{12^2, 6^9, 4^4, 3^4, 2\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^9, 4^6, 3, 2^2\})$	25178112
12	$\mathcal{O}(1; \{12^2, 6^{10}, 3^2, 2^8\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^{10}, 3^5, 2^4\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^{10}, 3^8\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^2, 3^2, 2^5\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^2, 3^5, 2\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^4, 3^2, 2^2\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6^{11}, 2^9\})$	786240
12	$\mathcal{O}(1; \{12^2, 6^{11}, 3^3, 2^5\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^{11}, 3^6, 2\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^2, 2^6\})$	3144960
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^2, 3^3, 2^2\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^4, 2^3\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^6\})$	50319360
12	$\mathcal{O}(1; \{12^2, 6^{12}, 3, 2^6\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^{12}, 3^4, 2^2\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^{12}, 4^2, 3, 2^3\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^{12}, 4^4, 3\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^{13}, 3^2, 2^3\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^{13}, 4^2, 3^2\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^{14}, 2^4\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^{14}, 3^3\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^{14}, 4^2, 2\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^{15}, 3, 2\})$	25166016
12	$\mathcal{O}(1; \{12^3, 4, 2^{24}\})$	2304
12	$\mathcal{O}(1; \{12^3, 4, 3^3, 2^{20}\})$	25344
12	$\mathcal{O}(1; \{12^3, 4, 3^6, 2^{16}\})$	195840
12	$\mathcal{O}(1; \{12^3, 4, 3^9, 2^{12}\})$	1573632

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 4, 3^{12}, 2^8\})$	12582144
12	$\mathcal{O}(1; \{12^3, 4, 3^{15}, 2^4\})$	100664064
12	$\mathcal{O}(1; \{12^3, 4, 3^{18}\})$	805305600
12	$\mathcal{O}(1; \{12^3, 4^3, 2^{21}\})$	9216
12	$\mathcal{O}(1; \{12^3, 4^3, 3^3, 2^{17}\})$	101376
12	$\mathcal{O}(1; \{12^3, 4^3, 3^6, 2^{13}\})$	783360
12	$\mathcal{O}(1; \{12^3, 4^3, 3^9, 2^9\})$	6294528
12	$\mathcal{O}(1; \{12^3, 4^3, 3^{12}, 2^5\})$	50328576
12	$\mathcal{O}(1; \{12^3, 4^3, 3^{15}, 2\})$	402656256
12	$\mathcal{O}(1; \{12^3, 4^5, 2^{18}\})$	36864
12	$\mathcal{O}(1; \{12^3, 4^5, 3^3, 2^{14}\})$	405504
12	$\mathcal{O}(1; \{12^3, 4^5, 3^6, 2^{10}\})$	3133440
12	$\mathcal{O}(1; \{12^3, 4^5, 3^9, 2^6\})$	25178112
12	$\mathcal{O}(1; \{12^3, 4^5, 3^{12}, 2^2\})$	201314304
12	$\mathcal{O}(1; \{12^3, 4^7, 2^{15}\})$	147456
12	$\mathcal{O}(1; \{12^3, 4^7, 3^3, 2^{11}\})$	1622016
12	$\mathcal{O}(1; \{12^3, 4^7, 3^6, 2^7\})$	12533760
12	$\mathcal{O}(1; \{12^3, 4^7, 3^9, 2^3\})$	100712448
12	$\mathcal{O}(1; \{12^3, 4^9, 2^{12}\})$	589824
12	$\mathcal{O}(1; \{12^3, 4^9, 3^3, 2^8\})$	6488064
12	$\mathcal{O}(1; \{12^3, 4^9, 3^6, 2^4\})$	50135040
12	$\mathcal{O}(1; \{12^3, 4^9, 3^9\})$	402849792
12	$\mathcal{O}(1; \{12^3, 4^{11}, 2^9\})$	2359296
12	$\mathcal{O}(1; \{12^3, 4^{11}, 3^3, 2^5\})$	25952256
12	$\mathcal{O}(1; \{12^3, 4^{11}, 3^6, 2\})$	200540160
12	$\mathcal{O}(1; \{12^3, 4^{13}, 2^6\})$	9437184
12	$\mathcal{O}(1; \{12^3, 4^{13}, 3^3, 2^2\})$	103809024
12	$\mathcal{O}(1; \{12^3, 4^{15}, 2^3\})$	37748736
12	$\mathcal{O}(1; \{12^3, 4^{17}\})$	150994944
12	$\mathcal{O}(1; \{12^3, 6, 4, 3, 2^{21}\})$	11520
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^4, 2^{17}\})$	99072
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^7, 2^{13}\})$	785664
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^{10}, 2^9\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^{13}, 2^5\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^{16}, 2\})$	402653952
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3, 2^{18}\})$	46080
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^4, 2^{14}\})$	396288
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^7, 2^{10}\})$	3142656
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^{10}, 2^6\})$	25168896
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^{13}, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3, 2^{15}\})$	184320
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^4, 2^{11}\})$	1585152
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^7, 2^7\})$	12570624

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^{10}, 2^3\})$	100675584
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 3, 2^{12}\})$	737280
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 3^4, 2^8\})$	6340608
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 3^7, 2^4\})$	50282496
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 3^{10}\})$	402702336
12	$\mathcal{O}(1; \{12^3, 6, 4^9, 3, 2^9\})$	2949120
12	$\mathcal{O}(1; \{12^3, 6, 4^9, 3^4, 2^5\})$	25362432
12	$\mathcal{O}(1; \{12^3, 6, 4^9, 3^7, 2\})$	201129984
12	$\mathcal{O}(1; \{12^3, 6, 4^{11}, 3, 2^6\})$	11796480
12	$\mathcal{O}(1; \{12^3, 6, 4^{11}, 3^4, 2^2\})$	101449728
12	$\mathcal{O}(1; \{12^3, 6, 4^{13}, 3, 2^3\})$	47185920
12	$\mathcal{O}(1; \{12^3, 6, 4^{15}, 3\})$	188743680
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^2, 2^{18}\})$	48384
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^5, 2^{14}\})$	393984
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^8, 2^{10}\})$	3144960
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^{11}, 2^6\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^{14}, 2^2\})$	201325824
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^2, 2^{15}\})$	193536
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^5, 2^{11}\})$	1575936
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^8, 2^7\})$	12579840
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^{11}, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3^2, 2^{12}\})$	774144
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3^5, 2^8\})$	6303744
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3^8, 2^4\})$	50319360
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3^{11}\})$	402665472
12	$\mathcal{O}(1; \{12^3, 6^2, 4^7, 3^2, 2^9\})$	3096576
12	$\mathcal{O}(1; \{12^3, 6^2, 4^7, 3^5, 2^5\})$	25214976
12	$\mathcal{O}(1; \{12^3, 6^2, 4^7, 3^8, 2\})$	201277440
12	$\mathcal{O}(1; \{12^3, 6^2, 4^9, 3^2, 2^6\})$	12386304
12	$\mathcal{O}(1; \{12^3, 6^2, 4^9, 3^5, 2^2\})$	100859904
12	$\mathcal{O}(1; \{12^3, 6^2, 4^{11}, 3^2, 2^3\})$	49545216
12	$\mathcal{O}(1; \{12^3, 6^2, 4^{13}, 3^2\})$	198180864
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 2^{19}\})$	25344
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^3, 2^{15}\})$	195840
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^6, 2^{11}\})$	1573632
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^9, 2^7\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^{12}, 2^3\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 2^{16}\})$	101376
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^3, 2^{12}\})$	783360
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^6, 2^8\})$	6294528
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^9, 2^4\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^{12}\})$	402656256
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 2^{13}\})$	405504

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 3^3, 2^9\})$	3133440
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 3^6, 2^5\})$	25178112
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 3^9, 2\})$	201314304
12	$\mathcal{O}(1; \{12^3, 6^3, 4^7, 2^{10}\})$	1622016
12	$\mathcal{O}(1; \{12^3, 6^3, 4^7, 3^3, 2^6\})$	12533760
12	$\mathcal{O}(1; \{12^3, 6^3, 4^7, 3^6, 2^2\})$	100712448
12	$\mathcal{O}(1; \{12^3, 6^3, 4^9, 2^7\})$	6488064
12	$\mathcal{O}(1; \{12^3, 6^3, 4^9, 3^3, 2^3\})$	50135040
12	$\mathcal{O}(1; \{12^3, 6^3, 4^{11}, 2^4\})$	25952256
12	$\mathcal{O}(1; \{12^3, 6^3, 4^{11}, 3^3\})$	200540160
12	$\mathcal{O}(1; \{12^3, 6^3, 4^{13}, 2\})$	103809024
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3, 2^{16}\})$	99072
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^4, 2^{12}\})$	785664
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^7, 2^8\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^{10}, 2^4\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^{13}\})$	402653952
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3, 2^{13}\})$	396288
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3^4, 2^9\})$	3142656
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3^7, 2^5\})$	25168896
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3^{10}, 2\})$	201323520
12	$\mathcal{O}(1; \{12^3, 6^4, 4^5, 3, 2^{10}\})$	1585152
12	$\mathcal{O}(1; \{12^3, 6^4, 4^5, 3^4, 2^6\})$	12570624
12	$\mathcal{O}(1; \{12^3, 6^4, 4^5, 3^7, 2^2\})$	100675584
12	$\mathcal{O}(1; \{12^3, 6^4, 4^7, 3, 2^7\})$	6340608
12	$\mathcal{O}(1; \{12^3, 6^4, 4^7, 3^4, 2^3\})$	50282496
12	$\mathcal{O}(1; \{12^3, 6^4, 4^9, 3, 2^4\})$	25362432
12	$\mathcal{O}(1; \{12^3, 6^4, 4^9, 3^4\})$	201129984
12	$\mathcal{O}(1; \{12^3, 6^4, 4^{11}, 3, 2\})$	101449728
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^2, 2^{13}\})$	393984
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^5, 2^9\})$	3144960
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^8, 2^5\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^{11}, 2\})$	201325824
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 3^2, 2^{10}\})$	1575936
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 3^5, 2^6\})$	12579840
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 3^8, 2^2\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^5, 4^5, 3^2, 2^7\})$	6303744
12	$\mathcal{O}(1; \{12^3, 6^5, 4^5, 3^5, 2^3\})$	50319360
12	$\mathcal{O}(1; \{12^3, 6^5, 4^7, 3^2, 2^4\})$	25214976
12	$\mathcal{O}(1; \{12^3, 6^5, 4^7, 3^5\})$	201277440
12	$\mathcal{O}(1; \{12^3, 6^5, 4^9, 3^2, 2\})$	100859904
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 2^{14}\})$	195840
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3^3, 2^{10}\})$	1573632
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3^6, 2^6\})$	12582144

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3^9, 2^2\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^6, 4^3, 2^{11}\})$	783360
12	$\mathcal{O}(1; \{12^3, 6^6, 4^3, 3^3, 2^7\})$	6294528
12	$\mathcal{O}(1; \{12^3, 6^6, 4^3, 3^6, 2^3\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6^6, 4^5, 2^8\})$	3133440
12	$\mathcal{O}(1; \{12^3, 6^6, 4^5, 3^3, 2^4\})$	25178112
12	$\mathcal{O}(1; \{12^3, 6^6, 4^5, 3^6\})$	201314304
12	$\mathcal{O}(1; \{12^3, 6^6, 4^7, 2^5\})$	12533760
12	$\mathcal{O}(1; \{12^3, 6^6, 4^7, 3^3, 2\})$	100712448
12	$\mathcal{O}(1; \{12^3, 6^6, 4^9, 2^2\})$	50135040
12	$\mathcal{O}(1; \{12^3, 6^7, 4, 3, 2^{11}\})$	785664
12	$\mathcal{O}(1; \{12^3, 6^7, 4, 3^4, 2^7\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6^7, 4, 3^7, 2^3\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^7, 4^3, 3, 2^8\})$	3142656
12	$\mathcal{O}(1; \{12^3, 6^7, 4^3, 3^4, 2^4\})$	25168896
12	$\mathcal{O}(1; \{12^3, 6^7, 4^3, 3^7\})$	201323520
12	$\mathcal{O}(1; \{12^3, 6^7, 4^5, 3, 2^5\})$	12570624
12	$\mathcal{O}(1; \{12^3, 6^7, 4^5, 3^4, 2\})$	100675584
12	$\mathcal{O}(1; \{12^3, 6^7, 4^7, 3, 2^2\})$	50282496
12	$\mathcal{O}(1; \{12^3, 6^8, 4, 3^2, 2^8\})$	3144960
12	$\mathcal{O}(1; \{12^3, 6^8, 4, 3^5, 2^4\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^8, 4, 3^8\})$	201325824
12	$\mathcal{O}(1; \{12^3, 6^8, 4^3, 3^2, 2^5\})$	12579840
12	$\mathcal{O}(1; \{12^3, 6^8, 4^3, 3^5, 2\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^8, 4^5, 3^2, 2^2\})$	50319360
12	$\mathcal{O}(1; \{12^3, 6^9, 4, 2^9\})$	1573632
12	$\mathcal{O}(1; \{12^3, 6^9, 4, 3^3, 2^5\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6^9, 4, 3^6, 2\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^9, 4^3, 2^6\})$	6294528
12	$\mathcal{O}(1; \{12^3, 6^9, 4^3, 3^3, 2^2\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6^9, 4^5, 2^3\})$	25178112
12	$\mathcal{O}(1; \{12^3, 6^9, 4^7\})$	100712448
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4, 3, 2^6\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4, 3^4, 2^2\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4^3, 3, 2^3\})$	25168896
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4^5, 3\})$	100675584
12	$\mathcal{O}(1; \{12^3, 6^{11}, 4, 3^2, 2^3\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^{11}, 4^3, 3^2\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^{12}, 4, 2^4\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6^{12}, 4, 3^3\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^{12}, 4^3, 2\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6^{13}, 4, 3, 2\})$	50330880
12	$\mathcal{O}(1; \{12^4, 3^2, 2^{21}\})$	25344

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 3^5, 2^{17}\})$	195840
12	$\mathcal{O}(1; \{12^4, 3^8, 2^{13}\})$	1573632
12	$\mathcal{O}(1; \{12^4, 3^{11}, 2^9\})$	12582144
12	$\mathcal{O}(1; \{12^4, 3^{14}, 2^5\})$	100664064
12	$\mathcal{O}(1; \{12^4, 3^{17}, 2\})$	805305600
12	$\mathcal{O}(1; \{12^4, 4^2, 3^2, 2^{18}\})$	101376
12	$\mathcal{O}(1; \{12^4, 4^2, 3^5, 2^{14}\})$	783360
12	$\mathcal{O}(1; \{12^4, 4^2, 3^8, 2^{10}\})$	6294528
12	$\mathcal{O}(1; \{12^4, 4^2, 3^{11}, 2^6\})$	50328576
12	$\mathcal{O}(1; \{12^4, 4^2, 3^{14}, 2^2\})$	402656256
12	$\mathcal{O}(1; \{12^4, 4^4, 3^2, 2^{15}\})$	405504
12	$\mathcal{O}(1; \{12^4, 4^4, 3^5, 2^{11}\})$	3133440
12	$\mathcal{O}(1; \{12^4, 4^4, 3^8, 2^7\})$	25178112
12	$\mathcal{O}(1; \{12^4, 4^4, 3^{11}, 2^3\})$	201314304
12	$\mathcal{O}(1; \{12^4, 4^6, 3^2, 2^{12}\})$	1622016
12	$\mathcal{O}(1; \{12^4, 4^6, 3^5, 2^8\})$	12533760
12	$\mathcal{O}(1; \{12^4, 4^6, 3^8, 2^4\})$	100712448
12	$\mathcal{O}(1; \{12^4, 4^6, 3^{11}\})$	805257216
12	$\mathcal{O}(1; \{12^4, 4^8, 3^2, 2^9\})$	6488064
12	$\mathcal{O}(1; \{12^4, 4^8, 3^5, 2^5\})$	50135040
12	$\mathcal{O}(1; \{12^4, 4^8, 3^8, 2\})$	402849792
12	$\mathcal{O}(1; \{12^4, 4^{10}, 3^2, 2^6\})$	25952256
12	$\mathcal{O}(1; \{12^4, 4^{10}, 3^5, 2^2\})$	200540160
12	$\mathcal{O}(1; \{12^4, 4^{12}, 3^2, 2^3\})$	103809024
12	$\mathcal{O}(1; \{12^4, 4^{14}, 3^2\})$	415236096
12	$\mathcal{O}(1; \{12^4, 6, 2^{22}\})$	11520
12	$\mathcal{O}(1; \{12^4, 6, 3^3, 2^{18}\})$	99072
12	$\mathcal{O}(1; \{12^4, 6, 3^6, 2^{14}\})$	785664
12	$\mathcal{O}(1; \{12^4, 6, 3^9, 2^{10}\})$	6292224
12	$\mathcal{O}(1; \{12^4, 6, 3^{12}, 2^6\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6, 3^{15}, 2^2\})$	402653952
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 2^{19}\})$	46080
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^3, 2^{15}\})$	396288
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^6, 2^{11}\})$	3142656
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^9, 2^7\})$	25168896
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^{12}, 2^3\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 2^{16}\})$	184320
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^3, 2^{12}\})$	1585152
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^6, 2^8\})$	12570624
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^9, 2^4\})$	100675584
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^{12}\})$	805294080
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 2^{13}\})$	737280
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 3^3, 2^9\})$	6340608

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 3^6, 2^5\})$	50282496
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 3^9, 2\})$	402702336
12	$\mathcal{O}(1; \{12^4, 6, 4^8, 2^{10}\})$	2949120
12	$\mathcal{O}(1; \{12^4, 6, 4^8, 3^3, 2^6\})$	25362432
12	$\mathcal{O}(1; \{12^4, 6, 4^8, 3^6, 2^2\})$	201129984
12	$\mathcal{O}(1; \{12^4, 6, 4^{10}, 2^7\})$	11796480
12	$\mathcal{O}(1; \{12^4, 6, 4^{10}, 3^3, 2^3\})$	101449728
12	$\mathcal{O}(1; \{12^4, 6, 4^{12}, 2^4\})$	47185920
12	$\mathcal{O}(1; \{12^4, 6, 4^{12}, 3^3\})$	405798912
12	$\mathcal{O}(1; \{12^4, 6, 4^{14}, 2\})$	188743680
12	$\mathcal{O}(1; \{12^4, 6^2, 3, 2^{19}\})$	48384
12	$\mathcal{O}(1; \{12^4, 6^2, 3^4, 2^{15}\})$	393984
12	$\mathcal{O}(1; \{12^4, 6^2, 3^7, 2^{11}\})$	3144960
12	$\mathcal{O}(1; \{12^4, 6^2, 3^{10}, 2^7\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^2, 3^{13}, 2^3\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3, 2^{16}\})$	193536
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^4, 2^{12}\})$	1575936
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^7, 2^8\})$	12579840
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^{10}, 2^4\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^{13}\})$	805303296
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3, 2^{13}\})$	774144
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3^4, 2^9\})$	6303744
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3^7, 2^5\})$	50319360
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3^{10}, 2\})$	402665472
12	$\mathcal{O}(1; \{12^4, 6^2, 4^6, 3, 2^{10}\})$	3096576
12	$\mathcal{O}(1; \{12^4, 6^2, 4^6, 3^4, 2^6\})$	25214976
12	$\mathcal{O}(1; \{12^4, 6^2, 4^6, 3^7, 2^2\})$	201277440
12	$\mathcal{O}(1; \{12^4, 6^2, 4^8, 3, 2^7\})$	12386304
12	$\mathcal{O}(1; \{12^4, 6^2, 4^8, 3^4, 2^3\})$	100859904
12	$\mathcal{O}(1; \{12^4, 6^2, 4^{10}, 3, 2^4\})$	49545216
12	$\mathcal{O}(1; \{12^4, 6^2, 4^{10}, 3^4\})$	403439616
12	$\mathcal{O}(1; \{12^4, 6^2, 4^{12}, 3, 2\})$	198180864
12	$\mathcal{O}(1; \{12^4, 6^3, 3^2, 2^{16}\})$	195840
12	$\mathcal{O}(1; \{12^4, 6^3, 3^5, 2^{12}\})$	1573632
12	$\mathcal{O}(1; \{12^4, 6^3, 3^8, 2^8\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6^3, 3^{11}, 2^4\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^3, 3^{14}\})$	805305600
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^2, 2^{13}\})$	783360
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^5, 2^9\})$	6294528
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^8, 2^5\})$	50328576
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^{11}, 2\})$	402656256
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 3^2, 2^{10}\})$	3133440
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 3^5, 2^6\})$	25178112

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 3^8, 2^2\})$	201314304
12	$\mathcal{O}(1; \{12^4, 6^3, 4^6, 3^2, 2^7\})$	12533760
12	$\mathcal{O}(1; \{12^4, 6^3, 4^6, 3^5, 2^3\})$	100712448
12	$\mathcal{O}(1; \{12^4, 6^3, 4^8, 3^2, 2^4\})$	50135040
12	$\mathcal{O}(1; \{12^4, 6^3, 4^8, 3^5\})$	402849792
12	$\mathcal{O}(1; \{12^4, 6^3, 4^{10}, 3^2, 2\})$	200540160
12	$\mathcal{O}(1; \{12^4, 6^4, 2^{17}\})$	99072
12	$\mathcal{O}(1; \{12^4, 6^4, 3^3, 2^{13}\})$	785664
12	$\mathcal{O}(1; \{12^4, 6^4, 3^6, 2^9\})$	6292224
12	$\mathcal{O}(1; \{12^4, 6^4, 3^9, 2^5\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^4, 3^{12}, 2\})$	402653952
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 2^{14}\})$	396288
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3^3, 2^{10}\})$	3142656
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3^6, 2^6\})$	25168896
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3^9, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6^4, 4^4, 2^{11}\})$	1585152
12	$\mathcal{O}(1; \{12^4, 6^4, 4^4, 3^3, 2^7\})$	12570624
12	$\mathcal{O}(1; \{12^4, 6^4, 4^4, 3^6, 2^3\})$	100675584
12	$\mathcal{O}(1; \{12^4, 6^4, 4^6, 2^8\})$	6340608
12	$\mathcal{O}(1; \{12^4, 6^4, 4^6, 3^3, 2^4\})$	50282496
12	$\mathcal{O}(1; \{12^4, 6^4, 4^6, 3^6\})$	402702336
12	$\mathcal{O}(1; \{12^4, 6^4, 4^8, 2^5\})$	25362432
12	$\mathcal{O}(1; \{12^4, 6^4, 4^8, 3^3, 2\})$	201129984
12	$\mathcal{O}(1; \{12^4, 6^4, 4^{10}, 2^2\})$	101449728
12	$\mathcal{O}(1; \{12^4, 6^5, 3, 2^{14}\})$	393984
12	$\mathcal{O}(1; \{12^4, 6^5, 3^4, 2^{10}\})$	3144960
12	$\mathcal{O}(1; \{12^4, 6^5, 3^7, 2^6\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^5, 3^{10}, 2^2\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6^5, 4^2, 3, 2^{11}\})$	1575936
12	$\mathcal{O}(1; \{12^4, 6^5, 4^2, 3^4, 2^7\})$	12579840
12	$\mathcal{O}(1; \{12^4, 6^5, 4^2, 3^7, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^5, 4^4, 3, 2^8\})$	6303744
12	$\mathcal{O}(1; \{12^4, 6^5, 4^4, 3^4, 2^4\})$	50319360
12	$\mathcal{O}(1; \{12^4, 6^5, 4^4, 3^7\})$	402665472
12	$\mathcal{O}(1; \{12^4, 6^5, 4^6, 3, 2^5\})$	25214976
12	$\mathcal{O}(1; \{12^4, 6^5, 4^6, 3^4, 2\})$	201277440
12	$\mathcal{O}(1; \{12^4, 6^5, 4^8, 3, 2^2\})$	100859904
12	$\mathcal{O}(1; \{12^4, 6^6, 3^2, 2^{11}\})$	1573632
12	$\mathcal{O}(1; \{12^4, 6^6, 3^5, 2^7\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6^6, 3^8, 2^3\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^6, 4^2, 3^2, 2^8\})$	6294528
12	$\mathcal{O}(1; \{12^4, 6^6, 4^2, 3^5, 2^4\})$	50328576
12	$\mathcal{O}(1; \{12^4, 6^6, 4^2, 3^8\})$	402656256

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 6^6, 4^4, 3^2, 2^5\})$	25178112
12	$\mathcal{O}(1; \{12^4, 6^6, 4^4, 3^5, 2\})$	201314304
12	$\mathcal{O}(1; \{12^4, 6^6, 4^6, 3^2, 2^2\})$	100712448
12	$\mathcal{O}(1; \{12^4, 6^7, 2^{12}\})$	785664
12	$\mathcal{O}(1; \{12^4, 6^7, 3^3, 2^8\})$	6292224
12	$\mathcal{O}(1; \{12^4, 6^7, 3^6, 2^4\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^7, 3^9\})$	402653952
12	$\mathcal{O}(1; \{12^4, 6^7, 4^2, 2^9\})$	3142656
12	$\mathcal{O}(1; \{12^4, 6^7, 4^2, 3^3, 2^5\})$	25168896
12	$\mathcal{O}(1; \{12^4, 6^7, 4^2, 3^6, 2\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6^7, 4^4, 2^6\})$	12570624
12	$\mathcal{O}(1; \{12^4, 6^7, 4^4, 3^3, 2^2\})$	100675584
12	$\mathcal{O}(1; \{12^4, 6^7, 4^6, 2^3\})$	50282496
12	$\mathcal{O}(1; \{12^4, 6^7, 4^8\})$	201129984
12	$\mathcal{O}(1; \{12^4, 6^8, 3, 2^9\})$	3144960
12	$\mathcal{O}(1; \{12^4, 6^8, 3^4, 2^5\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^8, 3^7, 2\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6^8, 4^2, 3, 2^6\})$	12579840
12	$\mathcal{O}(1; \{12^4, 6^8, 4^2, 3^4, 2^2\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^8, 4^4, 3, 2^3\})$	50319360
12	$\mathcal{O}(1; \{12^4, 6^8, 4^6, 3\})$	201277440
12	$\mathcal{O}(1; \{12^4, 6^9, 3^2, 2^6\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6^9, 3^5, 2^2\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^9, 4^2, 3^2, 2^3\})$	50328576
12	$\mathcal{O}(1; \{12^4, 6^9, 4^4, 3^2\})$	201314304
12	$\mathcal{O}(1; \{12^4, 6^{10}, 2^7\})$	6292224
12	$\mathcal{O}(1; \{12^4, 6^{10}, 3^3, 2^3\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^{10}, 4^2, 2^4\})$	25168896
12	$\mathcal{O}(1; \{12^4, 6^{10}, 4^2, 3^3\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6^{10}, 4^4, 2\})$	100675584
12	$\mathcal{O}(1; \{12^4, 6^{11}, 3, 2^4\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^{11}, 3^4\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6^{11}, 4^2, 3, 2\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^{12}, 3^2, 2\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^{13}, 2^2\})$	50330880
12	$\mathcal{O}(1; \{12^5, 4, 3, 2^{19}\})$	101376
12	$\mathcal{O}(1; \{12^5, 4, 3^4, 2^{15}\})$	783360
12	$\mathcal{O}(1; \{12^5, 4, 3^7, 2^{11}\})$	6294528
12	$\mathcal{O}(1; \{12^5, 4, 3^{10}, 2^7\})$	50328576
12	$\mathcal{O}(1; \{12^5, 4, 3^{13}, 2^3\})$	402656256
12	$\mathcal{O}(1; \{12^5, 4^3, 3, 2^{16}\})$	405504
12	$\mathcal{O}(1; \{12^5, 4^3, 3^4, 2^{12}\})$	3133440
12	$\mathcal{O}(1; \{12^5, 4^3, 3^7, 2^8\})$	25178112

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^5, 4^3, 3^{10}, 2^4\})$	201314304
12	$\mathcal{O}(1; \{12^5, 4^3, 3^{13}\})$	1610625024
12	$\mathcal{O}(1; \{12^5, 4^5, 3, 2^{13}\})$	1622016
12	$\mathcal{O}(1; \{12^5, 4^5, 3^4, 2^9\})$	12533760
12	$\mathcal{O}(1; \{12^5, 4^5, 3^7, 2^5\})$	100712448
12	$\mathcal{O}(1; \{12^5, 4^5, 3^{10}, 2\})$	805257216
12	$\mathcal{O}(1; \{12^5, 4^7, 3, 2^{10}\})$	6488064
12	$\mathcal{O}(1; \{12^5, 4^7, 3^4, 2^6\})$	50135040
12	$\mathcal{O}(1; \{12^5, 4^7, 3^7, 2^2\})$	402849792
12	$\mathcal{O}(1; \{12^5, 4^9, 3, 2^7\})$	25952256
12	$\mathcal{O}(1; \{12^5, 4^9, 3^4, 2^3\})$	200540160
12	$\mathcal{O}(1; \{12^5, 4^{11}, 3, 2^4\})$	103809024
12	$\mathcal{O}(1; \{12^5, 4^{11}, 3^4\})$	802160640
12	$\mathcal{O}(1; \{12^5, 4^{13}, 3, 2\})$	415236096
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^2, 2^{16}\})$	396288
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^5, 2^{12}\})$	3142656
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^8, 2^8\})$	25168896
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^{11}, 2^4\})$	201323520
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^{14}\})$	1610615808
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^2, 2^{13}\})$	1585152
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^5, 2^9\})$	12570624
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^8, 2^5\})$	100675584
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^{11}, 2\})$	805294080
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 3^2, 2^{10}\})$	6340608
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 3^5, 2^6\})$	50282496
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 3^8, 2^2\})$	402702336
12	$\mathcal{O}(1; \{12^5, 6, 4^7, 3^2, 2^7\})$	25362432
12	$\mathcal{O}(1; \{12^5, 6, 4^7, 3^5, 2^3\})$	201129984
12	$\mathcal{O}(1; \{12^5, 6, 4^9, 3^2, 2^4\})$	101449728
12	$\mathcal{O}(1; \{12^5, 6, 4^9, 3^5\})$	804519936
12	$\mathcal{O}(1; \{12^5, 6, 4^{11}, 3^2, 2\})$	405798912
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 2^{17}\})$	193536
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^3, 2^{13}\})$	1575936
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^6, 2^9\})$	12579840
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^9, 2^5\})$	100666368
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^{12}, 2\})$	805303296
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 2^{14}\})$	774144
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3^3, 2^{10}\})$	6303744
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3^6, 2^6\})$	50319360
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3^9, 2^2\})$	402665472
12	$\mathcal{O}(1; \{12^5, 6^2, 4^5, 2^{11}\})$	3096576
12	$\mathcal{O}(1; \{12^5, 6^2, 4^5, 3^3, 2^7\})$	25214976
12	$\mathcal{O}(1; \{12^5, 6^2, 4^5, 3^6, 2^3\})$	201277440

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^5, 6^2, 4^7, 2^8\})$	12386304
12	$\mathcal{O}(1; \{12^5, 6^2, 4^7, 3^3, 2^4\})$	100859904
12	$\mathcal{O}(1; \{12^5, 6^2, 4^7, 3^6\})$	805109760
12	$\mathcal{O}(1; \{12^5, 6^2, 4^9, 2^5\})$	49545216
12	$\mathcal{O}(1; \{12^5, 6^2, 4^9, 3^3, 2\})$	403439616
12	$\mathcal{O}(1; \{12^5, 6^2, 4^{11}, 2^2\})$	198180864
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3, 2^{14}\})$	783360
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^4, 2^{10}\})$	6294528
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^7, 2^6\})$	50328576
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^{10}, 2^2\})$	402656256
12	$\mathcal{O}(1; \{12^5, 6^3, 4^3, 3, 2^{11}\})$	3133440
12	$\mathcal{O}(1; \{12^5, 6^3, 4^3, 3^4, 2^7\})$	25178112
12	$\mathcal{O}(1; \{12^5, 6^3, 4^3, 3^7, 2^3\})$	201314304
12	$\mathcal{O}(1; \{12^5, 6^3, 4^5, 3, 2^8\})$	12533760
12	$\mathcal{O}(1; \{12^5, 6^3, 4^5, 3^4, 2^4\})$	100712448
12	$\mathcal{O}(1; \{12^5, 6^3, 4^5, 3^7\})$	805257216
12	$\mathcal{O}(1; \{12^5, 6^3, 4^7, 3, 2^5\})$	50135040
12	$\mathcal{O}(1; \{12^5, 6^3, 4^7, 3^4, 2\})$	402849792
12	$\mathcal{O}(1; \{12^5, 6^3, 4^9, 3, 2^2\})$	200540160
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 3^2, 2^{11}\})$	3142656
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 3^5, 2^7\})$	25168896
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 3^8, 2^3\})$	201323520
12	$\mathcal{O}(1; \{12^5, 6^4, 4^3, 3^2, 2^8\})$	12570624
12	$\mathcal{O}(1; \{12^5, 6^4, 4^3, 3^5, 2^4\})$	100675584
12	$\mathcal{O}(1; \{12^5, 6^4, 4^3, 3^8\})$	805294080
12	$\mathcal{O}(1; \{12^5, 6^4, 4^5, 3^2, 2^5\})$	50282496
12	$\mathcal{O}(1; \{12^5, 6^4, 4^5, 3^5, 2\})$	402702336
12	$\mathcal{O}(1; \{12^5, 6^4, 4^7, 3^2, 2^2\})$	201129984
12	$\mathcal{O}(1; \{12^5, 6^5, 4, 2^{12}\})$	1575936
12	$\mathcal{O}(1; \{12^5, 6^5, 4, 3^3, 2^8\})$	12579840
12	$\mathcal{O}(1; \{12^5, 6^5, 4, 3^6, 2^4\})$	100666368
12	$\mathcal{O}(1; \{12^5, 6^5, 4, 3^9\})$	805303296
12	$\mathcal{O}(1; \{12^5, 6^5, 4^3, 2^9\})$	6303744
12	$\mathcal{O}(1; \{12^5, 6^5, 4^3, 3^3, 2^5\})$	50319360
12	$\mathcal{O}(1; \{12^5, 6^5, 4^3, 3^6, 2\})$	402665472
12	$\mathcal{O}(1; \{12^5, 6^5, 4^5, 2^6\})$	25214976
12	$\mathcal{O}(1; \{12^5, 6^5, 4^5, 3^3, 2^2\})$	201277440
12	$\mathcal{O}(1; \{12^5, 6^5, 4^7, 2^3\})$	100859904
12	$\mathcal{O}(1; \{12^5, 6^5, 4^9\})$	403439616
12	$\mathcal{O}(1; \{12^5, 6^6, 4, 3, 2^9\})$	6294528
12	$\mathcal{O}(1; \{12^5, 6^6, 4, 3^4, 2^5\})$	50328576
12	$\mathcal{O}(1; \{12^5, 6^6, 4, 3^7, 2\})$	402656256
12	$\mathcal{O}(1; \{12^5, 6^6, 4^3, 3, 2^6\})$	25178112

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^5, 6^6, 4^3, 3^4, 2^2\})$	201314304
12	$\mathcal{O}(1; \{12^5, 6^6, 4^5, 3, 2^3\})$	100712448
12	$\mathcal{O}(1; \{12^5, 6^6, 4^7, 3\})$	402849792
12	$\mathcal{O}(1; \{12^5, 6^7, 4, 3^2, 2^6\})$	25168896
12	$\mathcal{O}(1; \{12^5, 6^7, 4, 3^5, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12^5, 6^7, 4^3, 3^2, 2^3\})$	100675584
12	$\mathcal{O}(1; \{12^5, 6^7, 4^5, 3^2\})$	402702336
12	$\mathcal{O}(1; \{12^5, 6^8, 4, 2^7\})$	12579840
12	$\mathcal{O}(1; \{12^5, 6^8, 4, 3^3, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12^5, 6^8, 4^3, 2^4\})$	50319360
12	$\mathcal{O}(1; \{12^5, 6^8, 4^3, 3^3\})$	402665472
12	$\mathcal{O}(1; \{12^5, 6^8, 4^5, 2\})$	201277440
12	$\mathcal{O}(1; \{12^5, 6^9, 4, 3, 2^4\})$	50328576
12	$\mathcal{O}(1; \{12^5, 6^9, 4, 3^4\})$	402656256
12	$\mathcal{O}(1; \{12^5, 6^9, 4^3, 3, 2\})$	201314304
12	$\mathcal{O}(1; \{12^5, 6^{10}, 4, 3^2, 2\})$	201323520
12	$\mathcal{O}(1; \{12^5, 6^{11}, 4, 2^2\})$	100666368
12	$\mathcal{O}(1; \{12^6, 2^{20}\})$	101376
12	$\mathcal{O}(1; \{12^6, 3^3, 2^{16}\})$	783360
12	$\mathcal{O}(1; \{12^6, 3^6, 2^{12}\})$	6294528
12	$\mathcal{O}(1; \{12^6, 3^9, 2^8\})$	50328576
12	$\mathcal{O}(1; \{12^6, 3^{12}, 2^4\})$	402656256
12	$\mathcal{O}(1; \{12^6, 3^{15}\})$	3221222400
12	$\mathcal{O}(1; \{12^6, 4^2, 2^{17}\})$	405504
12	$\mathcal{O}(1; \{12^6, 4^2, 3^3, 2^{13}\})$	3133440
12	$\mathcal{O}(1; \{12^6, 4^2, 3^6, 2^9\})$	25178112
12	$\mathcal{O}(1; \{12^6, 4^2, 3^9, 2^5\})$	201314304
12	$\mathcal{O}(1; \{12^6, 4^2, 3^{12}, 2\})$	1610625024
12	$\mathcal{O}(1; \{12^6, 4^4, 2^{14}\})$	1622016
12	$\mathcal{O}(1; \{12^6, 4^4, 3^3, 2^{10}\})$	12533760
12	$\mathcal{O}(1; \{12^6, 4^4, 3^6, 2^6\})$	100712448
12	$\mathcal{O}(1; \{12^6, 4^4, 3^9, 2^2\})$	805257216
12	$\mathcal{O}(1; \{12^6, 4^6, 2^{11}\})$	6488064
12	$\mathcal{O}(1; \{12^6, 4^6, 3^3, 2^7\})$	50135040
12	$\mathcal{O}(1; \{12^6, 4^6, 3^6, 2^3\})$	402849792
12	$\mathcal{O}(1; \{12^6, 4^8, 2^8\})$	25952256
12	$\mathcal{O}(1; \{12^6, 4^8, 3^3, 2^4\})$	200540160
12	$\mathcal{O}(1; \{12^6, 4^8, 3^6\})$	1611399168
12	$\mathcal{O}(1; \{12^6, 4^{10}, 2^5\})$	103809024
12	$\mathcal{O}(1; \{12^6, 4^{10}, 3^3, 2\})$	802160640
12	$\mathcal{O}(1; \{12^6, 4^{12}, 2^2\})$	415236096
12	$\mathcal{O}(1; \{12^6, 6, 3, 2^{17}\})$	396288
12	$\mathcal{O}(1; \{12^6, 6, 3^4, 2^{13}\})$	3142656

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^6, 6, 3^7, 2^9\})$	25168896
12	$\mathcal{O}(1; \{12^6, 6, 3^{10}, 2^5\})$	201323520
12	$\mathcal{O}(1; \{12^6, 6, 3^{13}, 2\})$	1610615808
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3, 2^{14}\})$	1585152
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^4, 2^{10}\})$	12570624
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^7, 2^6\})$	100675584
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^{10}, 2^2\})$	805294080
12	$\mathcal{O}(1; \{12^6, 6, 4^4, 3, 2^{11}\})$	6340608
12	$\mathcal{O}(1; \{12^6, 6, 4^4, 3^4, 2^7\})$	50282496
12	$\mathcal{O}(1; \{12^6, 6, 4^4, 3^7, 2^3\})$	402702336
12	$\mathcal{O}(1; \{12^6, 6, 4^6, 3, 2^8\})$	25362432
12	$\mathcal{O}(1; \{12^6, 6, 4^6, 3^4, 2^4\})$	201129984
12	$\mathcal{O}(1; \{12^6, 6, 4^6, 3^7\})$	1610809344
12	$\mathcal{O}(1; \{12^6, 6, 4^8, 3, 2^5\})$	101449728
12	$\mathcal{O}(1; \{12^6, 6, 4^8, 3^4, 2\})$	804519936
12	$\mathcal{O}(1; \{12^6, 6, 4^{10}, 3, 2^2\})$	405798912
12	$\mathcal{O}(1; \{12^6, 6^2, 3^2, 2^{14}\})$	1575936
12	$\mathcal{O}(1; \{12^6, 6^2, 3^5, 2^{10}\})$	12579840
12	$\mathcal{O}(1; \{12^6, 6^2, 3^8, 2^6\})$	100666368
12	$\mathcal{O}(1; \{12^6, 6^2, 3^{11}, 2^2\})$	805303296
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 3^2, 2^{11}\})$	6303744
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 3^5, 2^7\})$	50319360
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 3^8, 2^3\})$	402665472
12	$\mathcal{O}(1; \{12^6, 6^2, 4^4, 3^2, 2^8\})$	25214976
12	$\mathcal{O}(1; \{12^6, 6^2, 4^4, 3^5, 2^4\})$	201277440
12	$\mathcal{O}(1; \{12^6, 6^2, 4^4, 3^8\})$	1610661888
12	$\mathcal{O}(1; \{12^6, 6^2, 4^6, 3^2, 2^5\})$	100859904
12	$\mathcal{O}(1; \{12^6, 6^2, 4^6, 3^5, 2\})$	805109760
12	$\mathcal{O}(1; \{12^6, 6^2, 4^8, 3^2, 2^2\})$	403439616
12	$\mathcal{O}(1; \{12^6, 6^3, 2^{15}\})$	783360
12	$\mathcal{O}(1; \{12^6, 6^3, 3^3, 2^{11}\})$	6294528
12	$\mathcal{O}(1; \{12^6, 6^3, 3^6, 2^7\})$	50328576
12	$\mathcal{O}(1; \{12^6, 6^3, 3^9, 2^3\})$	402656256
12	$\mathcal{O}(1; \{12^6, 6^3, 4^2, 2^{12}\})$	3133440
12	$\mathcal{O}(1; \{12^6, 6^3, 4^2, 3^3, 2^8\})$	25178112
12	$\mathcal{O}(1; \{12^6, 6^3, 4^2, 3^6, 2^4\})$	201314304
12	$\mathcal{O}(1; \{12^6, 6^3, 4^2, 3^9\})$	1610625024
12	$\mathcal{O}(1; \{12^6, 6^3, 4^4, 2^9\})$	12533760
12	$\mathcal{O}(1; \{12^6, 6^3, 4^4, 3^3, 2^5\})$	100712448
12	$\mathcal{O}(1; \{12^6, 6^3, 4^4, 3^6, 2\})$	805257216
12	$\mathcal{O}(1; \{12^6, 6^3, 4^6, 2^6\})$	50135040
12	$\mathcal{O}(1; \{12^6, 6^3, 4^6, 3^3, 2^2\})$	402849792
12	$\mathcal{O}(1; \{12^6, 6^3, 4^8, 2^3\})$	200540160

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^6, 6^3, 4^{10}\})$	802160640
12	$\mathcal{O}(1; \{12^6, 6^4, 3, 2^{12}\})$	3142656
12	$\mathcal{O}(1; \{12^6, 6^4, 3^4, 2^8\})$	25168896
12	$\mathcal{O}(1; \{12^6, 6^4, 3^7, 2^4\})$	201323520
12	$\mathcal{O}(1; \{12^6, 6^4, 3^{10}\})$	1610615808
12	$\mathcal{O}(1; \{12^6, 6^4, 4^2, 3, 2^9\})$	12570624
12	$\mathcal{O}(1; \{12^6, 6^4, 4^2, 3^4, 2^5\})$	100675584
12	$\mathcal{O}(1; \{12^6, 6^4, 4^2, 3^7, 2\})$	805294080
12	$\mathcal{O}(1; \{12^6, 6^4, 4^4, 3, 2^6\})$	50282496
12	$\mathcal{O}(1; \{12^6, 6^4, 4^4, 3^4, 2^2\})$	402702336
12	$\mathcal{O}(1; \{12^6, 6^4, 4^6, 3, 2^3\})$	201129984
12	$\mathcal{O}(1; \{12^6, 6^4, 4^8, 3\})$	804519936
12	$\mathcal{O}(1; \{12^6, 6^5, 3^2, 2^9\})$	12579840
12	$\mathcal{O}(1; \{12^6, 6^5, 3^5, 2^5\})$	100666368
12	$\mathcal{O}(1; \{12^6, 6^5, 3^8, 2\})$	805303296
12	$\mathcal{O}(1; \{12^6, 6^5, 4^2, 3^2, 2^6\})$	50319360
12	$\mathcal{O}(1; \{12^6, 6^5, 4^2, 3^5, 2^2\})$	402665472
12	$\mathcal{O}(1; \{12^6, 6^5, 4^4, 3^2, 2^3\})$	201277440
12	$\mathcal{O}(1; \{12^6, 6^5, 4^6, 3^2\})$	805109760
12	$\mathcal{O}(1; \{12^6, 6^6, 2^{10}\})$	6294528
12	$\mathcal{O}(1; \{12^6, 6^6, 3^3, 2^6\})$	50328576
12	$\mathcal{O}(1; \{12^6, 6^6, 3^6, 2^2\})$	402656256
12	$\mathcal{O}(1; \{12^6, 6^6, 4^2, 2^7\})$	25178112
12	$\mathcal{O}(1; \{12^6, 6^6, 4^2, 3^3, 2^3\})$	201314304
12	$\mathcal{O}(1; \{12^6, 6^6, 4^4, 2^4\})$	100712448
12	$\mathcal{O}(1; \{12^6, 6^6, 4^4, 3^3\})$	805257216
12	$\mathcal{O}(1; \{12^6, 6^6, 4^6, 2\})$	402849792
12	$\mathcal{O}(1; \{12^6, 6^7, 3, 2^7\})$	25168896
12	$\mathcal{O}(1; \{12^6, 6^7, 3^4, 2^3\})$	201323520
12	$\mathcal{O}(1; \{12^6, 6^7, 4^2, 3, 2^4\})$	100675584
12	$\mathcal{O}(1; \{12^6, 6^7, 4^2, 3^4\})$	805294080
12	$\mathcal{O}(1; \{12^6, 6^7, 4^4, 3, 2\})$	402702336
12	$\mathcal{O}(1; \{12^6, 6^8, 3^2, 2^4\})$	100666368
12	$\mathcal{O}(1; \{12^6, 6^8, 3^5\})$	805303296
12	$\mathcal{O}(1; \{12^6, 6^8, 4^2, 3^2, 2\})$	402665472
12	$\mathcal{O}(1; \{12^6, 6^9, 2^5\})$	50328576
12	$\mathcal{O}(1; \{12^6, 6^9, 3^3, 2\})$	402656256
12	$\mathcal{O}(1; \{12^6, 6^9, 4^2, 2^2\})$	201314304
12	$\mathcal{O}(1; \{12^6, 6^{10}, 3, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12^6, 6^{12}\})$	402656256
12	$\mathcal{O}(1; \{12^7, 4, 3^2, 2^{14}\})$	3133440
12	$\mathcal{O}(1; \{12^7, 4, 3^5, 2^{10}\})$	25178112
12	$\mathcal{O}(1; \{12^7, 4, 3^8, 2^6\})$	201314304

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^7, 4, 3^{11}, 2^2\})$	1610625024
12	$\mathcal{O}(1; \{12^7, 4^3, 3^2, 2^{11}\})$	12533760
12	$\mathcal{O}(1; \{12^7, 4^3, 3^5, 2^7\})$	100712448
12	$\mathcal{O}(1; \{12^7, 4^3, 3^8, 2^3\})$	805257216
12	$\mathcal{O}(1; \{12^7, 4^5, 3^2, 2^8\})$	50135040
12	$\mathcal{O}(1; \{12^7, 4^5, 3^5, 2^4\})$	402849792
12	$\mathcal{O}(1; \{12^7, 4^5, 3^8\})$	3221028864
12	$\mathcal{O}(1; \{12^7, 4^7, 3^2, 2^5\})$	200540160
12	$\mathcal{O}(1; \{12^7, 4^7, 3^5, 2\})$	1611399168
12	$\mathcal{O}(1; \{12^7, 4^9, 3^2, 2^2\})$	802160640
12	$\mathcal{O}(1; \{12^7, 6, 4, 2^{15}\})$	1585152
12	$\mathcal{O}(1; \{12^7, 6, 4, 3^3, 2^{11}\})$	12570624
12	$\mathcal{O}(1; \{12^7, 6, 4, 3^6, 2^7\})$	100675584
12	$\mathcal{O}(1; \{12^7, 6, 4, 3^9, 2^3\})$	805294080
12	$\mathcal{O}(1; \{12^7, 6, 4^3, 2^{12}\})$	6340608
12	$\mathcal{O}(1; \{12^7, 6, 4^3, 3^3, 2^8\})$	50282496
12	$\mathcal{O}(1; \{12^7, 6, 4^3, 3^6, 2^4\})$	402702336
12	$\mathcal{O}(1; \{12^7, 6, 4^3, 3^9\})$	3221176320
12	$\mathcal{O}(1; \{12^7, 6, 4^5, 2^9\})$	25362432
12	$\mathcal{O}(1; \{12^7, 6, 4^5, 3^3, 2^5\})$	201129984
12	$\mathcal{O}(1; \{12^7, 6, 4^5, 3^6, 2\})$	1610809344
12	$\mathcal{O}(1; \{12^7, 6, 4^7, 2^6\})$	101449728
12	$\mathcal{O}(1; \{12^7, 6, 4^7, 3^3, 2^2\})$	804519936
12	$\mathcal{O}(1; \{12^7, 6, 4^9, 2^3\})$	405798912
12	$\mathcal{O}(1; \{12^7, 6, 4^{11}\})$	1623195648
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 3, 2^{12}\})$	6303744
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 3^4, 2^8\})$	50319360
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 3^7, 2^4\})$	402665472
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 3^{10}\})$	3221213184
12	$\mathcal{O}(1; \{12^7, 6^2, 4^3, 3, 2^9\})$	25214976
12	$\mathcal{O}(1; \{12^7, 6^2, 4^3, 3^4, 2^5\})$	201277440
12	$\mathcal{O}(1; \{12^7, 6^2, 4^3, 3^7, 2\})$	1610661888
12	$\mathcal{O}(1; \{12^7, 6^2, 4^5, 3, 2^6\})$	100859904
12	$\mathcal{O}(1; \{12^7, 6^2, 4^5, 3^4, 2^2\})$	805109760
12	$\mathcal{O}(1; \{12^7, 6^2, 4^7, 3, 2^3\})$	403439616
12	$\mathcal{O}(1; \{12^7, 6^2, 4^9, 3\})$	1613758464
12	$\mathcal{O}(1; \{12^7, 6^3, 4, 3^2, 2^9\})$	25178112
12	$\mathcal{O}(1; \{12^7, 6^3, 4, 3^5, 2^5\})$	201314304
12	$\mathcal{O}(1; \{12^7, 6^3, 4, 3^8, 2\})$	1610625024
12	$\mathcal{O}(1; \{12^7, 6^3, 4^3, 3^2, 2^6\})$	100712448
12	$\mathcal{O}(1; \{12^7, 6^3, 4^3, 3^5, 2^2\})$	805257216
12	$\mathcal{O}(1; \{12^7, 6^3, 4^5, 3^2, 2^3\})$	402849792
12	$\mathcal{O}(1; \{12^7, 6^3, 4^7, 3^2\})$	1611399168

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^7, 6^4, 4, 2^{10}\})$	12570624
12	$\mathcal{O}(1; \{12^7, 6^4, 4, 3^3, 2^6\})$	100675584
12	$\mathcal{O}(1; \{12^7, 6^4, 4, 3^6, 2^2\})$	805294080
12	$\mathcal{O}(1; \{12^7, 6^4, 4^3, 2^7\})$	50282496
12	$\mathcal{O}(1; \{12^7, 6^4, 4^3, 3^3, 2^3\})$	402702336
12	$\mathcal{O}(1; \{12^7, 6^4, 4^5, 2^4\})$	201129984
12	$\mathcal{O}(1; \{12^7, 6^4, 4^5, 3^3\})$	1610809344
12	$\mathcal{O}(1; \{12^7, 6^4, 4^7, 2\})$	804519936
12	$\mathcal{O}(1; \{12^7, 6^5, 4, 3, 2^7\})$	50319360
12	$\mathcal{O}(1; \{12^7, 6^5, 4, 3^4, 2^3\})$	402665472
12	$\mathcal{O}(1; \{12^7, 6^5, 4^3, 3, 2^4\})$	201277440
12	$\mathcal{O}(1; \{12^7, 6^5, 4^3, 3^4\})$	1610661888
12	$\mathcal{O}(1; \{12^7, 6^5, 4^5, 3, 2\})$	805109760
12	$\mathcal{O}(1; \{12^7, 6^6, 4, 3^2, 2^4\})$	201314304
12	$\mathcal{O}(1; \{12^7, 6^6, 4, 3^5\})$	1610625024
12	$\mathcal{O}(1; \{12^7, 6^6, 4^3, 3^2, 2\})$	805257216
12	$\mathcal{O}(1; \{12^7, 6^7, 4, 2^5\})$	100675584
12	$\mathcal{O}(1; \{12^7, 6^7, 4, 3^3, 2\})$	805294080
12	$\mathcal{O}(1; \{12^7, 6^7, 4^3, 2^2\})$	402702336
12	$\mathcal{O}(1; \{12^7, 6^8, 4, 3, 2^2\})$	402665472
12	$\mathcal{O}(1; \{12^7, 6^{10}, 4\})$	805294080
12	$\mathcal{O}(1; \{12^8, 3, 2^{15}\})$	3133440
12	$\mathcal{O}(1; \{12^8, 3^4, 2^{11}\})$	25178112
12	$\mathcal{O}(1; \{12^8, 3^7, 2^7\})$	201314304
12	$\mathcal{O}(1; \{12^8, 3^{10}, 2^3\})$	1610625024
12	$\mathcal{O}(1; \{12^8, 4^2, 3, 2^{12}\})$	12533760
12	$\mathcal{O}(1; \{12^8, 4^2, 3^4, 2^8\})$	100712448
12	$\mathcal{O}(1; \{12^8, 4^2, 3^7, 2^4\})$	805257216
12	$\mathcal{O}(1; \{12^8, 4^2, 3^{10}\})$	6442500096
12	$\mathcal{O}(1; \{12^8, 4^4, 3, 2^9\})$	50135040
12	$\mathcal{O}(1; \{12^8, 4^4, 3^4, 2^5\})$	402849792
12	$\mathcal{O}(1; \{12^8, 4^4, 3^7, 2\})$	3221028864
12	$\mathcal{O}(1; \{12^8, 4^6, 3, 2^6\})$	200540160
12	$\mathcal{O}(1; \{12^8, 4^6, 3^4, 2^2\})$	1611399168
12	$\mathcal{O}(1; \{12^8, 4^8, 3, 2^3\})$	802160640
12	$\mathcal{O}(1; \{12^8, 4^{10}, 3\})$	3208642560
12	$\mathcal{O}(1; \{12^8, 6, 3^2, 2^{12}\})$	12570624
12	$\mathcal{O}(1; \{12^8, 6, 3^5, 2^8\})$	100675584
12	$\mathcal{O}(1; \{12^8, 6, 3^8, 2^4\})$	805294080
12	$\mathcal{O}(1; \{12^8, 6, 3^{11}\})$	6442463232
12	$\mathcal{O}(1; \{12^8, 6, 4^2, 3^2, 2^9\})$	50282496
12	$\mathcal{O}(1; \{12^8, 6, 4^2, 3^5, 2^5\})$	402702336
12	$\mathcal{O}(1; \{12^8, 6, 4^2, 3^8, 2\})$	3221176320

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^8, 6, 4^4, 3^2, 2^6\})$	201129984
12	$\mathcal{O}(1; \{12^8, 6, 4^4, 3^5, 2^2\})$	1610809344
12	$\mathcal{O}(1; \{12^8, 6, 4^6, 3^2, 2^3\})$	804519936
12	$\mathcal{O}(1; \{12^8, 6, 4^8, 3^2\})$	3218079744
12	$\mathcal{O}(1; \{12^8, 6^2, 2^{13}\})$	6303744
12	$\mathcal{O}(1; \{12^8, 6^2, 3^3, 2^9\})$	50319360
12	$\mathcal{O}(1; \{12^8, 6^2, 3^6, 2^5\})$	402665472
12	$\mathcal{O}(1; \{12^8, 6^2, 3^9, 2\})$	3221213184
12	$\mathcal{O}(1; \{12^8, 6^2, 4^2, 2^{10}\})$	25214976
12	$\mathcal{O}(1; \{12^8, 6^2, 4^2, 3^3, 2^6\})$	201277440
12	$\mathcal{O}(1; \{12^8, 6^2, 4^2, 3^6, 2^2\})$	1610661888
12	$\mathcal{O}(1; \{12^8, 6^2, 4^4, 2^7\})$	100859904
12	$\mathcal{O}(1; \{12^8, 6^2, 4^4, 3^3, 2^3\})$	805109760
12	$\mathcal{O}(1; \{12^8, 6^2, 4^6, 2^4\})$	403439616
12	$\mathcal{O}(1; \{12^8, 6^2, 4^6, 3^3\})$	3220439040
12	$\mathcal{O}(1; \{12^8, 6^2, 4^8, 2\})$	1613758464
12	$\mathcal{O}(1; \{12^8, 6^3, 3, 2^{10}\})$	25178112
12	$\mathcal{O}(1; \{12^8, 6^3, 3^4, 2^6\})$	201314304
12	$\mathcal{O}(1; \{12^8, 6^3, 3^7, 2^2\})$	1610625024
12	$\mathcal{O}(1; \{12^8, 6^3, 4^2, 3, 2^7\})$	100712448
12	$\mathcal{O}(1; \{12^8, 6^3, 4^2, 3^4, 2^3\})$	805257216
12	$\mathcal{O}(1; \{12^8, 6^3, 4^4, 3, 2^4\})$	402849792
12	$\mathcal{O}(1; \{12^8, 6^3, 4^4, 3^4\})$	3221028864
12	$\mathcal{O}(1; \{12^8, 6^3, 4^6, 3, 2\})$	1611399168
12	$\mathcal{O}(1; \{12^8, 6^4, 3^2, 2^7\})$	100675584
12	$\mathcal{O}(1; \{12^8, 6^4, 3^5, 2^3\})$	805294080
12	$\mathcal{O}(1; \{12^8, 6^4, 4^2, 3^2, 2^4\})$	402702336
12	$\mathcal{O}(1; \{12^8, 6^4, 4^2, 3^5\})$	3221176320
12	$\mathcal{O}(1; \{12^8, 6^4, 4^4, 3^2, 2\})$	1610809344
12	$\mathcal{O}(1; \{12^8, 6^5, 2^8\})$	50319360
12	$\mathcal{O}(1; \{12^8, 6^5, 3^3, 2^4\})$	402665472
12	$\mathcal{O}(1; \{12^8, 6^5, 3^6\})$	3221213184
12	$\mathcal{O}(1; \{12^8, 6^5, 4^2, 2^5\})$	201277440
12	$\mathcal{O}(1; \{12^8, 6^5, 4^2, 3^3, 2\})$	1610661888
12	$\mathcal{O}(1; \{12^8, 6^5, 4^4, 2^2\})$	805109760
12	$\mathcal{O}(1; \{12^8, 6^6, 3, 2^5\})$	201314304
12	$\mathcal{O}(1; \{12^8, 6^6, 3^4, 2\})$	1610625024
12	$\mathcal{O}(1; \{12^8, 6^6, 4^2, 3, 2^2\})$	805257216
12	$\mathcal{O}(1; \{12^8, 6^7, 3^2, 2^2\})$	805294080
12	$\mathcal{O}(1; \{12^8, 6^8, 2^3\})$	402665472
12	$\mathcal{O}(1; \{12^8, 6^8, 4^2\})$	1610661888
12	$\mathcal{O}(1; \{12^8, 6^9, 3\})$	1610625024
12	$\mathcal{O}(1; \{12^9, 4, 2^{13}\})$	12533760

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^9, 4, 3^3, 2^9\})$	100712448
12	$\mathcal{O}(1; \{12^9, 4, 3^6, 2^5\})$	805257216
12	$\mathcal{O}(1; \{12^9, 4, 3^9, 2\})$	6442500096
12	$\mathcal{O}(1; \{12^9, 4^3, 2^{10}\})$	50135040
12	$\mathcal{O}(1; \{12^9, 4^3, 3^3, 2^6\})$	402849792
12	$\mathcal{O}(1; \{12^9, 4^3, 3^6, 2^2\})$	3221028864
12	$\mathcal{O}(1; \{12^9, 4^5, 2^7\})$	200540160
12	$\mathcal{O}(1; \{12^9, 4^5, 3^3, 2^3\})$	1611399168
12	$\mathcal{O}(1; \{12^9, 4^7, 2^4\})$	802160640
12	$\mathcal{O}(1; \{12^9, 4^7, 3^3\})$	6445596672
12	$\mathcal{O}(1; \{12^9, 4^9, 2\})$	3208642560
12	$\mathcal{O}(1; \{12^9, 6, 4, 3, 2^{10}\})$	50282496
12	$\mathcal{O}(1; \{12^9, 6, 4, 3^4, 2^6\})$	402702336
12	$\mathcal{O}(1; \{12^9, 6, 4, 3^7, 2^2\})$	3221176320
12	$\mathcal{O}(1; \{12^9, 6, 4^3, 3, 2^7\})$	201129984
12	$\mathcal{O}(1; \{12^9, 6, 4^3, 3^4, 2^3\})$	1610809344
12	$\mathcal{O}(1; \{12^9, 6, 4^5, 3, 2^4\})$	804519936
12	$\mathcal{O}(1; \{12^9, 6, 4^5, 3^4\})$	6443237376
12	$\mathcal{O}(1; \{12^9, 6, 4^7, 3, 2\})$	3218079744
12	$\mathcal{O}(1; \{12^9, 6^2, 4, 3^2, 2^7\})$	201277440
12	$\mathcal{O}(1; \{12^9, 6^2, 4, 3^5, 2^3\})$	1610661888
12	$\mathcal{O}(1; \{12^9, 6^2, 4^3, 3^2, 2^4\})$	805109760
12	$\mathcal{O}(1; \{12^9, 6^2, 4^3, 3^5\})$	6442647552
12	$\mathcal{O}(1; \{12^9, 6^2, 4^5, 3^2, 2\})$	3220439040
12	$\mathcal{O}(1; \{12^9, 6^3, 4, 2^8\})$	100712448
12	$\mathcal{O}(1; \{12^9, 6^3, 4, 3^3, 2^4\})$	805257216
12	$\mathcal{O}(1; \{12^9, 6^3, 4, 3^6\})$	6442500096
12	$\mathcal{O}(1; \{12^9, 6^3, 4^3, 2^5\})$	402849792
12	$\mathcal{O}(1; \{12^9, 6^3, 4^3, 3^3, 2\})$	3221028864
12	$\mathcal{O}(1; \{12^9, 6^3, 4^5, 2^2\})$	1611399168
12	$\mathcal{O}(1; \{12^9, 6^4, 4, 3, 2^5\})$	402702336
12	$\mathcal{O}(1; \{12^9, 6^4, 4, 3^4, 2\})$	3221176320
12	$\mathcal{O}(1; \{12^9, 6^4, 4^3, 3, 2^2\})$	1610809344
12	$\mathcal{O}(1; \{12^9, 6^5, 4, 3^2, 2^2\})$	1610661888
12	$\mathcal{O}(1; \{12^9, 6^6, 4, 2^3\})$	805257216
12	$\mathcal{O}(1; \{12^9, 6^6, 4^3\})$	3221028864
12	$\mathcal{O}(1; \{12^9, 6^7, 4, 3\})$	3221176320
12	$\mathcal{O}(1; \{12^{10}, 3^2, 2^{10}\})$	100712448
12	$\mathcal{O}(1; \{12^{10}, 3^5, 2^6\})$	805257216
12	$\mathcal{O}(1; \{12^{10}, 3^8, 2^2\})$	6442500096
12	$\mathcal{O}(1; \{12^{10}, 4^2, 3^2, 2^7\})$	402849792
12	$\mathcal{O}(1; \{12^{10}, 4^2, 3^5, 2^3\})$	3221028864
12	$\mathcal{O}(1; \{12^{10}, 4^4, 3^2, 2^4\})$	1611399168

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^{10}, 4^4, 3^5\})$	12884115456
12	$\mathcal{O}(1; \{12^{10}, 4^6, 3^2, 2\})$	6445596672
12	$\mathcal{O}(1; \{12^{10}, 6, 2^{11}\})$	50282496
12	$\mathcal{O}(1; \{12^{10}, 6, 3^3, 2^7\})$	402702336
12	$\mathcal{O}(1; \{12^{10}, 6, 3^6, 2^3\})$	3221176320
12	$\mathcal{O}(1; \{12^{10}, 6, 4^2, 2^8\})$	201129984
12	$\mathcal{O}(1; \{12^{10}, 6, 4^2, 3^3, 2^4\})$	1610809344
12	$\mathcal{O}(1; \{12^{10}, 6, 4^2, 3^6\})$	12884705280
12	$\mathcal{O}(1; \{12^{10}, 6, 4^4, 2^5\})$	804519936
12	$\mathcal{O}(1; \{12^{10}, 6, 4^4, 3^3, 2\})$	6443237376
12	$\mathcal{O}(1; \{12^{10}, 6, 4^6, 2^2\})$	3218079744
12	$\mathcal{O}(1; \{12^{10}, 6^2, 3, 2^8\})$	201277440
12	$\mathcal{O}(1; \{12^{10}, 6^2, 3^4, 2^4\})$	1610661888
12	$\mathcal{O}(1; \{12^{10}, 6^2, 3^7\})$	12884852736
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^2, 3, 2^5\})$	805109760
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^2, 3^4, 2\})$	6442647552
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^4, 3, 2^2\})$	3220439040
12	$\mathcal{O}(1; \{12^{10}, 6^3, 3^2, 2^5\})$	805257216
12	$\mathcal{O}(1; \{12^{10}, 6^3, 3^5, 2\})$	6442500096
12	$\mathcal{O}(1; \{12^{10}, 6^3, 4^2, 3^2, 2^2\})$	3221028864
12	$\mathcal{O}(1; \{12^{10}, 6^4, 2^6\})$	402702336
12	$\mathcal{O}(1; \{12^{10}, 6^4, 3^3, 2^2\})$	3221176320
12	$\mathcal{O}(1; \{12^{10}, 6^4, 4^2, 2^3\})$	1610809344
12	$\mathcal{O}(1; \{12^{10}, 6^4, 4^4\})$	6443237376
12	$\mathcal{O}(1; \{12^{10}, 6^5, 3, 2^3\})$	1610661888
12	$\mathcal{O}(1; \{12^{10}, 6^5, 4^2, 3\})$	6442647552
12	$\mathcal{O}(1; \{12^{10}, 6^6, 3^2\})$	6442500096
12	$\mathcal{O}(1; \{12^{10}, 6^7, 2\})$	3221176320
12	$\mathcal{O}(1; \{12^{11}, 4, 3, 2^8\})$	402849792
12	$\mathcal{O}(1; \{12^{11}, 4, 3^4, 2^4\})$	3221028864
12	$\mathcal{O}(1; \{12^{11}, 4, 3^7\})$	25770000384
12	$\mathcal{O}(1; \{12^{11}, 4^3, 3, 2^5\})$	1611399168
12	$\mathcal{O}(1; \{12^{11}, 4^3, 3^4, 2\})$	12884115456
12	$\mathcal{O}(1; \{12^{11}, 4^5, 3, 2^2\})$	6445596672
12	$\mathcal{O}(1; \{12^{11}, 6, 4, 3^2, 2^5\})$	1610809344
12	$\mathcal{O}(1; \{12^{11}, 6, 4, 3^5, 2\})$	12884705280
12	$\mathcal{O}(1; \{12^{11}, 6, 4^3, 3^2, 2^2\})$	6443237376
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4, 2^6\})$	805109760
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4, 3^3, 2^2\})$	6442647552
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4^3, 2^3\})$	3220439040
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4^5\})$	12881756160
12	$\mathcal{O}(1; \{12^{11}, 6^3, 4, 3, 2^3\})$	3221028864
12	$\mathcal{O}(1; \{12^{11}, 6^3, 4^3, 3\})$	12884115456

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^{11}, 6^4, 4, 3^2\})$	12884705280
12	$\mathcal{O}(1; \{12^{11}, 6^5, 4, 2\})$	6442647552
12	$\mathcal{O}(1; \{12^{12}, 2^9\})$	402849792
12	$\mathcal{O}(1; \{12^{12}, 3^3, 2^5\})$	3221028864
12	$\mathcal{O}(1; \{12^{12}, 3^6, 2\})$	25770000384
12	$\mathcal{O}(1; \{12^{12}, 4^2, 2^6\})$	1611399168
12	$\mathcal{O}(1; \{12^{12}, 4^2, 3^3, 2^2\})$	12884115456
12	$\mathcal{O}(1; \{12^{12}, 4^4, 2^3\})$	6445596672
12	$\mathcal{O}(1; \{12^{12}, 4^6\})$	25782386688
12	$\mathcal{O}(1; \{12^{12}, 6, 3, 2^6\})$	1610809344
12	$\mathcal{O}(1; \{12^{12}, 6, 3^4, 2^2\})$	12884705280
12	$\mathcal{O}(1; \{12^{12}, 6, 4^2, 3, 2^3\})$	6443237376
12	$\mathcal{O}(1; \{12^{12}, 6, 4^4, 3\})$	25772949504
12	$\mathcal{O}(1; \{12^{12}, 6^2, 3^2, 2^3\})$	6442647552
12	$\mathcal{O}(1; \{12^{12}, 6^2, 4^2, 3^2\})$	25770590208
12	$\mathcal{O}(1; \{12^{12}, 6^3, 2^4\})$	3221028864
12	$\mathcal{O}(1; \{12^{12}, 6^3, 3^3\})$	25770000384
12	$\mathcal{O}(1; \{12^{12}, 6^3, 4^2, 2\})$	12884115456
12	$\mathcal{O}(1; \{12^{12}, 6^4, 3, 2\})$	12884705280
12	$\mathcal{O}(1; \{12^{13}, 4, 3^2, 2^3\})$	12884115456
12	$\mathcal{O}(1; \{12^{13}, 4^3, 3^2\})$	51536461824
12	$\mathcal{O}(1; \{12^{13}, 6, 4, 2^4\})$	6443237376
12	$\mathcal{O}(1; \{12^{13}, 6, 4, 3^3\})$	51538821120
12	$\mathcal{O}(1; \{12^{13}, 6, 4^3, 2\})$	25772949504
12	$\mathcal{O}(1; \{12^{13}, 6^2, 4, 3, 2\})$	25770590208
12	$\mathcal{O}(1; \{12^{14}, 3, 2^4\})$	12884115456
12	$\mathcal{O}(1; \{12^{14}, 3^4\})$	103080001536
12	$\mathcal{O}(1; \{12^{14}, 4^2, 3, 2\})$	51536461824
12	$\mathcal{O}(1; \{12^{14}, 6, 3^2, 2\})$	51538821120
12	$\mathcal{O}(1; \{12^{14}, 6^2, 2^2\})$	25770590208
12	$\mathcal{O}(1; \{12^{15}, 4, 2^2\})$	51536461824
12	$\mathcal{O}(1; \{12^{16}, 6\})$	206155284480
12	$\mathcal{O}(0; \{4^2, 3^3, 2^{28}\})$	4
12	$\mathcal{O}(0; \{4^2, 3^6, 2^{24}\})$	44
12	$\mathcal{O}(0; \{4^2, 3^9, 2^{20}\})$	340
12	$\mathcal{O}(0; \{4^2, 3^{12}, 2^{16}\})$	2732
12	$\mathcal{O}(0; \{4^2, 3^{15}, 2^{12}\})$	21844
12	$\mathcal{O}(0; \{4^2, 3^{18}, 2^8\})$	174764
12	$\mathcal{O}(0; \{4^2, 3^{21}, 2^4\})$	1398100
12	$\mathcal{O}(0; \{4^2, 3^{24}\})$	11184812
12	$\mathcal{O}(0; \{4^4, 3^3, 2^{25}\})$	16
12	$\mathcal{O}(0; \{4^4, 3^6, 2^{21}\})$	176
12	$\mathcal{O}(0; \{4^4, 3^9, 2^{17}\})$	1360

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{4^4, 3^{12}, 2^{13}\})$	10928
12	$\mathcal{O}(0; \{4^4, 3^{15}, 2^9\})$	87376
12	$\mathcal{O}(0; \{4^4, 3^{18}, 2^5\})$	699056
12	$\mathcal{O}(0; \{4^4, 3^{21}, 2\})$	5592400
12	$\mathcal{O}(0; \{4^6, 3^3, 2^{22}\})$	64
12	$\mathcal{O}(0; \{4^6, 3^6, 2^{18}\})$	704
12	$\mathcal{O}(0; \{4^6, 3^9, 2^{14}\})$	5440
12	$\mathcal{O}(0; \{4^6, 3^{12}, 2^{10}\})$	43712
12	$\mathcal{O}(0; \{4^6, 3^{15}, 2^6\})$	349504
12	$\mathcal{O}(0; \{4^6, 3^{18}, 2^2\})$	2796224
12	$\mathcal{O}(0; \{4^8, 3^3, 2^{19}\})$	256
12	$\mathcal{O}(0; \{4^8, 3^6, 2^{15}\})$	2816
12	$\mathcal{O}(0; \{4^8, 3^9, 2^{11}\})$	21760
12	$\mathcal{O}(0; \{4^8, 3^{12}, 2^7\})$	174848
12	$\mathcal{O}(0; \{4^8, 3^{15}, 2^3\})$	1398016
12	$\mathcal{O}(0; \{4^{10}, 3^3, 2^{16}\})$	1024
12	$\mathcal{O}(0; \{4^{10}, 3^6, 2^{12}\})$	11264
12	$\mathcal{O}(0; \{4^{10}, 3^9, 2^8\})$	87040
12	$\mathcal{O}(0; \{4^{10}, 3^{12}, 2^4\})$	699392
12	$\mathcal{O}(0; \{4^{10}, 3^{15}\})$	5592064
12	$\mathcal{O}(0; \{4^{12}, 3^3, 2^{13}\})$	4096
12	$\mathcal{O}(0; \{4^{12}, 3^6, 2^9\})$	45056
12	$\mathcal{O}(0; \{4^{12}, 3^9, 2^5\})$	348160
12	$\mathcal{O}(0; \{4^{12}, 3^{12}, 2\})$	2797568
12	$\mathcal{O}(0; \{4^{14}, 3^3, 2^{10}\})$	16384
12	$\mathcal{O}(0; \{4^{14}, 3^6, 2^6\})$	180224
12	$\mathcal{O}(0; \{4^{14}, 3^9, 2^2\})$	1392640
12	$\mathcal{O}(0; \{4^{16}, 3^3, 2^7\})$	65536
12	$\mathcal{O}(0; \{4^{16}, 3^6, 2^3\})$	720896
12	$\mathcal{O}(0; \{4^{18}, 3^3, 2^4\})$	262144
12	$\mathcal{O}(0; \{4^{18}, 3^6\})$	2883584
12	$\mathcal{O}(0; \{4^{20}, 3^3, 2\})$	1048576
12	$\mathcal{O}(0; \{6, 4^2, 3, 2^{29}\})$	4
12	$\mathcal{O}(0; \{6, 4^2, 3^4, 2^{25}\})$	20
12	$\mathcal{O}(0; \{6, 4^2, 3^7, 2^{21}\})$	172
12	$\mathcal{O}(0; \{6, 4^2, 3^{10}, 2^{17}\})$	1364
12	$\mathcal{O}(0; \{6, 4^2, 3^{13}, 2^{13}\})$	10924
12	$\mathcal{O}(0; \{6, 4^2, 3^{16}, 2^9\})$	87380
12	$\mathcal{O}(0; \{6, 4^2, 3^{19}, 2^5\})$	699052
12	$\mathcal{O}(0; \{6, 4^2, 3^{22}, 2\})$	5592404
12	$\mathcal{O}(0; \{6, 4^4, 3, 2^{26}\})$	16
12	$\mathcal{O}(0; \{6, 4^4, 3^4, 2^{22}\})$	80
12	$\mathcal{O}(0; \{6, 4^4, 3^7, 2^{18}\})$	688

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6, 4^4, 3^{10}, 2^{14}\})$	5456
12	$\mathcal{O}(0; \{6, 4^4, 3^{13}, 2^{10}\})$	43696
12	$\mathcal{O}(0; \{6, 4^4, 3^{16}, 2^6\})$	349520
12	$\mathcal{O}(0; \{6, 4^4, 3^{19}, 2^2\})$	2796208
12	$\mathcal{O}(0; \{6, 4^6, 3, 2^{23}\})$	64
12	$\mathcal{O}(0; \{6, 4^6, 3^4, 2^{19}\})$	320
12	$\mathcal{O}(0; \{6, 4^6, 3^7, 2^{15}\})$	2752
12	$\mathcal{O}(0; \{6, 4^6, 3^{10}, 2^{11}\})$	21824
12	$\mathcal{O}(0; \{6, 4^6, 3^{13}, 2^7\})$	174784
12	$\mathcal{O}(0; \{6, 4^6, 3^{16}, 2^3\})$	1398080
12	$\mathcal{O}(0; \{6, 4^8, 3, 2^{20}\})$	256
12	$\mathcal{O}(0; \{6, 4^8, 3^4, 2^{16}\})$	1280
12	$\mathcal{O}(0; \{6, 4^8, 3^7, 2^{12}\})$	11008
12	$\mathcal{O}(0; \{6, 4^8, 3^{10}, 2^8\})$	87296
12	$\mathcal{O}(0; \{6, 4^8, 3^{13}, 2^4\})$	699136
12	$\mathcal{O}(0; \{6, 4^8, 3^{16}\})$	5592320
12	$\mathcal{O}(0; \{6, 4^{10}, 3, 2^{17}\})$	1024
12	$\mathcal{O}(0; \{6, 4^{10}, 3^4, 2^{13}\})$	5120
12	$\mathcal{O}(0; \{6, 4^{10}, 3^7, 2^9\})$	44032
12	$\mathcal{O}(0; \{6, 4^{10}, 3^{10}, 2^5\})$	349184
12	$\mathcal{O}(0; \{6, 4^{10}, 3^{13}, 2\})$	2796544
12	$\mathcal{O}(0; \{6, 4^{12}, 3, 2^{14}\})$	4096
12	$\mathcal{O}(0; \{6, 4^{12}, 3^4, 2^{10}\})$	20480
12	$\mathcal{O}(0; \{6, 4^{12}, 3^7, 2^6\})$	176128
12	$\mathcal{O}(0; \{6, 4^{12}, 3^{10}, 2^2\})$	1396736
12	$\mathcal{O}(0; \{6, 4^{14}, 3, 2^{11}\})$	16384
12	$\mathcal{O}(0; \{6, 4^{14}, 3^4, 2^7\})$	81920
12	$\mathcal{O}(0; \{6, 4^{14}, 3^7, 2^3\})$	704512
12	$\mathcal{O}(0; \{6, 4^{16}, 3, 2^8\})$	65536
12	$\mathcal{O}(0; \{6, 4^{16}, 3^4, 2^4\})$	327680
12	$\mathcal{O}(0; \{6, 4^{16}, 3^7\})$	2818048
12	$\mathcal{O}(0; \{6, 4^{18}, 3, 2^5\})$	262144
12	$\mathcal{O}(0; \{6, 4^{18}, 3^4, 2\})$	1310720
12	$\mathcal{O}(0; \{6, 4^{20}, 3, 2^2\})$	1048576
12	$\mathcal{O}(0; \{6^2, 4^2, 3^2, 2^{26}\})$	12
12	$\mathcal{O}(0; \{6^2, 4^2, 3^5, 2^{22}\})$	84
12	$\mathcal{O}(0; \{6^2, 4^2, 3^8, 2^{18}\})$	684
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{11}, 2^{14}\})$	5460
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{14}, 2^{10}\})$	43692
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{17}, 2^6\})$	349524
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{20}, 2^2\})$	2796204
12	$\mathcal{O}(0; \{6^2, 4^4, 3^2, 2^{23}\})$	48
12	$\mathcal{O}(0; \{6^2, 4^4, 3^5, 2^{19}\})$	336

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^2, 4^4, 3^8, 2^{15}\})$	2736
12	$\mathcal{O}(0; \{6^2, 4^4, 3^{11}, 2^{11}\})$	21840
12	$\mathcal{O}(0; \{6^2, 4^4, 3^{14}, 2^7\})$	174768
12	$\mathcal{O}(0; \{6^2, 4^4, 3^{17}, 2^3\})$	1398096
12	$\mathcal{O}(0; \{6^2, 4^6, 3^2, 2^{20}\})$	192
12	$\mathcal{O}(0; \{6^2, 4^6, 3^5, 2^{16}\})$	1344
12	$\mathcal{O}(0; \{6^2, 4^6, 3^8, 2^{12}\})$	10944
12	$\mathcal{O}(0; \{6^2, 4^6, 3^{11}, 2^8\})$	87360
12	$\mathcal{O}(0; \{6^2, 4^6, 3^{14}, 2^4\})$	699072
12	$\mathcal{O}(0; \{6^2, 4^6, 3^{17}\})$	5592384
12	$\mathcal{O}(0; \{6^2, 4^8, 3^2, 2^{17}\})$	768
12	$\mathcal{O}(0; \{6^2, 4^8, 3^5, 2^{13}\})$	5376
12	$\mathcal{O}(0; \{6^2, 4^8, 3^8, 2^9\})$	43776
12	$\mathcal{O}(0; \{6^2, 4^8, 3^{11}, 2^5\})$	349440
12	$\mathcal{O}(0; \{6^2, 4^8, 3^{14}, 2\})$	2796288
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^2, 2^{14}\})$	3072
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^5, 2^{10}\})$	21504
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^8, 2^6\})$	175104
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^{11}, 2^2\})$	1397760
12	$\mathcal{O}(0; \{6^2, 4^{12}, 3^2, 2^{11}\})$	12288
12	$\mathcal{O}(0; \{6^2, 4^{12}, 3^5, 2^7\})$	86016
12	$\mathcal{O}(0; \{6^2, 4^{12}, 3^8, 2^3\})$	700416
12	$\mathcal{O}(0; \{6^2, 4^{14}, 3^2, 2^8\})$	49152
12	$\mathcal{O}(0; \{6^2, 4^{14}, 3^5, 2^4\})$	344064
12	$\mathcal{O}(0; \{6^2, 4^{14}, 3^8\})$	2801664
12	$\mathcal{O}(0; \{6^2, 4^{16}, 3^2, 2^5\})$	196608
12	$\mathcal{O}(0; \{6^2, 4^{16}, 3^5, 2\})$	1376256
12	$\mathcal{O}(0; \{6^2, 4^{18}, 3^2, 2^2\})$	786432
12	$\mathcal{O}(0; \{6^3, 4^2, 2^{27}\})$	4
12	$\mathcal{O}(0; \{6^3, 4^2, 3^3, 2^{23}\})$	44
12	$\mathcal{O}(0; \{6^3, 4^2, 3^6, 2^{19}\})$	340
12	$\mathcal{O}(0; \{6^3, 4^2, 3^9, 2^{15}\})$	2732
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{12}, 2^{11}\})$	21844
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{15}, 2^7\})$	174764
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{18}, 2^3\})$	1398100
12	$\mathcal{O}(0; \{6^3, 4^4, 2^{24}\})$	16
12	$\mathcal{O}(0; \{6^3, 4^4, 3^3, 2^{20}\})$	176
12	$\mathcal{O}(0; \{6^3, 4^4, 3^6, 2^{16}\})$	1360
12	$\mathcal{O}(0; \{6^3, 4^4, 3^9, 2^{12}\})$	10928
12	$\mathcal{O}(0; \{6^3, 4^4, 3^{12}, 2^8\})$	87376
12	$\mathcal{O}(0; \{6^3, 4^4, 3^{15}, 2^4\})$	699056
12	$\mathcal{O}(0; \{6^3, 4^4, 3^{18}\})$	5592400
12	$\mathcal{O}(0; \{6^3, 4^6, 2^{21}\})$	64

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^3, 4^6, 3^3, 2^{17}\})$	704
12	$\mathcal{O}(0; \{6^3, 4^6, 3^6, 2^{13}\})$	5440
12	$\mathcal{O}(0; \{6^3, 4^6, 3^9, 2^9\})$	43712
12	$\mathcal{O}(0; \{6^3, 4^6, 3^{12}, 2^5\})$	349504
12	$\mathcal{O}(0; \{6^3, 4^6, 3^{15}, 2\})$	2796224
12	$\mathcal{O}(0; \{6^3, 4^8, 2^{18}\})$	256
12	$\mathcal{O}(0; \{6^3, 4^8, 3^3, 2^{14}\})$	2816
12	$\mathcal{O}(0; \{6^3, 4^8, 3^6, 2^{10}\})$	21760
12	$\mathcal{O}(0; \{6^3, 4^8, 3^9, 2^6\})$	174848
12	$\mathcal{O}(0; \{6^3, 4^8, 3^{12}, 2^2\})$	1398016
12	$\mathcal{O}(0; \{6^3, 4^{10}, 2^{15}\})$	1024
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3^3, 2^{11}\})$	11264
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3^6, 2^7\})$	87040
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3^9, 2^3\})$	699392
12	$\mathcal{O}(0; \{6^3, 4^{12}, 2^{12}\})$	4096
12	$\mathcal{O}(0; \{6^3, 4^{12}, 3^3, 2^8\})$	45056
12	$\mathcal{O}(0; \{6^3, 4^{12}, 3^6, 2^4\})$	348160
12	$\mathcal{O}(0; \{6^3, 4^{12}, 3^9\})$	2797568
12	$\mathcal{O}(0; \{6^3, 4^{14}, 2^9\})$	16384
12	$\mathcal{O}(0; \{6^3, 4^{14}, 3^3, 2^5\})$	180224
12	$\mathcal{O}(0; \{6^3, 4^{14}, 3^6, 2\})$	1392640
12	$\mathcal{O}(0; \{6^3, 4^{16}, 2^6\})$	65536
12	$\mathcal{O}(0; \{6^3, 4^{16}, 3^3, 2^2\})$	720896
12	$\mathcal{O}(0; \{6^3, 4^{18}, 2^3\})$	262144
12	$\mathcal{O}(0; \{6^3, 4^{20}\})$	1048576
12	$\mathcal{O}(0; \{6^4, 4^2, 3, 2^{24}\})$	20
12	$\mathcal{O}(0; \{6^4, 4^2, 3^4, 2^{20}\})$	172
12	$\mathcal{O}(0; \{6^4, 4^2, 3^7, 2^{16}\})$	1364
12	$\mathcal{O}(0; \{6^4, 4^2, 3^{10}, 2^{12}\})$	10924
12	$\mathcal{O}(0; \{6^4, 4^2, 3^{13}, 2^8\})$	87380
12	$\mathcal{O}(0; \{6^4, 4^2, 3^{16}, 2^4\})$	699052
12	$\mathcal{O}(0; \{6^4, 4^2, 3^{19}\})$	5592404
12	$\mathcal{O}(0; \{6^4, 4^4, 3, 2^{21}\})$	80
12	$\mathcal{O}(0; \{6^4, 4^4, 3^4, 2^{17}\})$	688
12	$\mathcal{O}(0; \{6^4, 4^4, 3^7, 2^{13}\})$	5456
12	$\mathcal{O}(0; \{6^4, 4^4, 3^{10}, 2^9\})$	43696
12	$\mathcal{O}(0; \{6^4, 4^4, 3^{13}, 2^5\})$	349520
12	$\mathcal{O}(0; \{6^4, 4^4, 3^{16}, 2\})$	2796208
12	$\mathcal{O}(0; \{6^4, 4^6, 3, 2^{18}\})$	320
12	$\mathcal{O}(0; \{6^4, 4^6, 3^4, 2^{14}\})$	2752
12	$\mathcal{O}(0; \{6^4, 4^6, 3^7, 2^{10}\})$	21824
12	$\mathcal{O}(0; \{6^4, 4^6, 3^{10}, 2^6\})$	174784
12	$\mathcal{O}(0; \{6^4, 4^6, 3^{13}, 2^2\})$	1398080

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^4, 4^8, 3, 2^{15}\})$	1280
12	$\mathcal{O}(0; \{6^4, 4^8, 3^4, 2^{11}\})$	11008
12	$\mathcal{O}(0; \{6^4, 4^8, 3^7, 2^7\})$	87296
12	$\mathcal{O}(0; \{6^4, 4^8, 3^{10}, 2^3\})$	699136
12	$\mathcal{O}(0; \{6^4, 4^{10}, 3, 2^{12}\})$	5120
12	$\mathcal{O}(0; \{6^4, 4^{10}, 3^4, 2^8\})$	44032
12	$\mathcal{O}(0; \{6^4, 4^{10}, 3^7, 2^4\})$	349184
12	$\mathcal{O}(0; \{6^4, 4^{10}, 3^{10}\})$	2796544
12	$\mathcal{O}(0; \{6^4, 4^{12}, 3, 2^9\})$	20480
12	$\mathcal{O}(0; \{6^4, 4^{12}, 3^4, 2^5\})$	176128
12	$\mathcal{O}(0; \{6^4, 4^{12}, 3^7, 2\})$	1396736
12	$\mathcal{O}(0; \{6^4, 4^{14}, 3, 2^6\})$	81920
12	$\mathcal{O}(0; \{6^4, 4^{14}, 3^4, 2^2\})$	704512
12	$\mathcal{O}(0; \{6^4, 4^{16}, 3, 2^3\})$	327680
12	$\mathcal{O}(0; \{6^4, 4^{18}, 3\})$	1310720
12	$\mathcal{O}(0; \{6^5, 4^2, 3^2, 2^{21}\})$	84
12	$\mathcal{O}(0; \{6^5, 4^2, 3^5, 2^{17}\})$	684
12	$\mathcal{O}(0; \{6^5, 4^2, 3^8, 2^{13}\})$	5460
12	$\mathcal{O}(0; \{6^5, 4^2, 3^{11}, 2^9\})$	43692
12	$\mathcal{O}(0; \{6^5, 4^2, 3^{14}, 2^5\})$	349524
12	$\mathcal{O}(0; \{6^5, 4^2, 3^{17}, 2\})$	2796204
12	$\mathcal{O}(0; \{6^5, 4^4, 3^2, 2^{18}\})$	336
12	$\mathcal{O}(0; \{6^5, 4^4, 3^5, 2^{14}\})$	2736
12	$\mathcal{O}(0; \{6^5, 4^4, 3^8, 2^{10}\})$	21840
12	$\mathcal{O}(0; \{6^5, 4^4, 3^{11}, 2^6\})$	174768
12	$\mathcal{O}(0; \{6^5, 4^4, 3^{14}, 2^2\})$	1398096
12	$\mathcal{O}(0; \{6^5, 4^6, 3^2, 2^{15}\})$	1344
12	$\mathcal{O}(0; \{6^5, 4^6, 3^5, 2^{11}\})$	10944
12	$\mathcal{O}(0; \{6^5, 4^6, 3^8, 2^7\})$	87360
12	$\mathcal{O}(0; \{6^5, 4^6, 3^{11}, 2^3\})$	699072
12	$\mathcal{O}(0; \{6^5, 4^8, 3^2, 2^{12}\})$	5376
12	$\mathcal{O}(0; \{6^5, 4^8, 3^5, 2^8\})$	43776
12	$\mathcal{O}(0; \{6^5, 4^8, 3^8, 2^4\})$	349440
12	$\mathcal{O}(0; \{6^5, 4^8, 3^{11}\})$	2796288
12	$\mathcal{O}(0; \{6^5, 4^{10}, 3^2, 2^9\})$	21504
12	$\mathcal{O}(0; \{6^5, 4^{10}, 3^5, 2^5\})$	175104
12	$\mathcal{O}(0; \{6^5, 4^{10}, 3^8, 2\})$	1397760
12	$\mathcal{O}(0; \{6^5, 4^{12}, 3^2, 2^6\})$	86016
12	$\mathcal{O}(0; \{6^5, 4^{12}, 3^5, 2^2\})$	700416
12	$\mathcal{O}(0; \{6^5, 4^{14}, 3^2, 2^3\})$	344064
12	$\mathcal{O}(0; \{6^5, 4^{16}, 3^2\})$	1376256
12	$\mathcal{O}(0; \{6^6, 4^2, 2^{22}\})$	44
12	$\mathcal{O}(0; \{6^6, 4^2, 3^3, 2^{18}\})$	340

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^6, 4^2, 3^6, 2^{14}\})$	2732
12	$\mathcal{O}(0; \{6^6, 4^2, 3^9, 2^{10}\})$	21844
12	$\mathcal{O}(0; \{6^6, 4^2, 3^{12}, 2^6\})$	174764
12	$\mathcal{O}(0; \{6^6, 4^2, 3^{15}, 2^2\})$	1398100
12	$\mathcal{O}(0; \{6^6, 4^4, 2^{19}\})$	176
12	$\mathcal{O}(0; \{6^6, 4^4, 3^3, 2^{15}\})$	1360
12	$\mathcal{O}(0; \{6^6, 4^4, 3^6, 2^{11}\})$	10928
12	$\mathcal{O}(0; \{6^6, 4^4, 3^9, 2^7\})$	87376
12	$\mathcal{O}(0; \{6^6, 4^4, 3^{12}, 2^3\})$	699056
12	$\mathcal{O}(0; \{6^6, 4^6, 2^{16}\})$	704
12	$\mathcal{O}(0; \{6^6, 4^6, 3^3, 2^{12}\})$	5440
12	$\mathcal{O}(0; \{6^6, 4^6, 3^6, 2^8\})$	43712
12	$\mathcal{O}(0; \{6^6, 4^6, 3^9, 2^4\})$	349504
12	$\mathcal{O}(0; \{6^6, 4^6, 3^{12}\})$	2796224
12	$\mathcal{O}(0; \{6^6, 4^8, 2^{13}\})$	2816
12	$\mathcal{O}(0; \{6^6, 4^8, 3^3, 2^9\})$	21760
12	$\mathcal{O}(0; \{6^6, 4^8, 3^6, 2^5\})$	174848
12	$\mathcal{O}(0; \{6^6, 4^8, 3^9, 2\})$	1398016
12	$\mathcal{O}(0; \{6^6, 4^{10}, 2^{10}\})$	11264
12	$\mathcal{O}(0; \{6^6, 4^{10}, 3^3, 2^6\})$	87040
12	$\mathcal{O}(0; \{6^6, 4^{10}, 3^6, 2^2\})$	699392
12	$\mathcal{O}(0; \{6^6, 4^{12}, 2^7\})$	45056
12	$\mathcal{O}(0; \{6^6, 4^{12}, 3^3, 2^3\})$	348160
12	$\mathcal{O}(0; \{6^6, 4^{14}, 2^4\})$	180224
12	$\mathcal{O}(0; \{6^6, 4^{14}, 3^3\})$	1392640
12	$\mathcal{O}(0; \{6^6, 4^{16}, 2\})$	720896
12	$\mathcal{O}(0; \{6^7, 4^2, 3, 2^{19}\})$	172
12	$\mathcal{O}(0; \{6^7, 4^2, 3^4, 2^{15}\})$	1364
12	$\mathcal{O}(0; \{6^7, 4^2, 3^7, 2^{11}\})$	10924
12	$\mathcal{O}(0; \{6^7, 4^2, 3^{10}, 2^7\})$	87380
12	$\mathcal{O}(0; \{6^7, 4^2, 3^{13}, 2^3\})$	699052
12	$\mathcal{O}(0; \{6^7, 4^4, 3, 2^{16}\})$	688
12	$\mathcal{O}(0; \{6^7, 4^4, 3^4, 2^{12}\})$	5456
12	$\mathcal{O}(0; \{6^7, 4^4, 3^7, 2^8\})$	43696
12	$\mathcal{O}(0; \{6^7, 4^4, 3^{10}, 2^4\})$	349520
12	$\mathcal{O}(0; \{6^7, 4^4, 3^{13}\})$	2796208
12	$\mathcal{O}(0; \{6^7, 4^6, 3, 2^{13}\})$	2752
12	$\mathcal{O}(0; \{6^7, 4^6, 3^4, 2^9\})$	21824
12	$\mathcal{O}(0; \{6^7, 4^6, 3^7, 2^5\})$	174784
12	$\mathcal{O}(0; \{6^7, 4^6, 3^{10}, 2\})$	1398080
12	$\mathcal{O}(0; \{6^7, 4^8, 3, 2^{10}\})$	11008
12	$\mathcal{O}(0; \{6^7, 4^8, 3^4, 2^6\})$	87296
12	$\mathcal{O}(0; \{6^7, 4^8, 3^7, 2^2\})$	699136

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^7, 4^{10}, 3, 2^7\})$	44032
12	$\mathcal{O}(0; \{6^7, 4^{10}, 3^4, 2^3\})$	349184
12	$\mathcal{O}(0; \{6^7, 4^{12}, 3, 2^4\})$	176128
12	$\mathcal{O}(0; \{6^7, 4^{12}, 3^4\})$	1396736
12	$\mathcal{O}(0; \{6^7, 4^{14}, 3, 2\})$	704512
12	$\mathcal{O}(0; \{6^8, 4^2, 3^2, 2^{16}\})$	684
12	$\mathcal{O}(0; \{6^8, 4^2, 3^5, 2^{12}\})$	5460
12	$\mathcal{O}(0; \{6^8, 4^2, 3^8, 2^8\})$	43692
12	$\mathcal{O}(0; \{6^8, 4^2, 3^{11}, 2^4\})$	349524
12	$\mathcal{O}(0; \{6^8, 4^2, 3^{14}\})$	2796204
12	$\mathcal{O}(0; \{6^8, 4^4, 3^2, 2^{13}\})$	2736
12	$\mathcal{O}(0; \{6^8, 4^4, 3^5, 2^9\})$	21840
12	$\mathcal{O}(0; \{6^8, 4^4, 3^8, 2^5\})$	174768
12	$\mathcal{O}(0; \{6^8, 4^4, 3^{11}, 2\})$	1398096
12	$\mathcal{O}(0; \{6^8, 4^6, 3^2, 2^{10}\})$	10944
12	$\mathcal{O}(0; \{6^8, 4^6, 3^5, 2^6\})$	87360
12	$\mathcal{O}(0; \{6^8, 4^6, 3^8, 2^2\})$	699072
12	$\mathcal{O}(0; \{6^8, 4^8, 3^2, 2^7\})$	43776
12	$\mathcal{O}(0; \{6^8, 4^8, 3^5, 2^3\})$	349440
12	$\mathcal{O}(0; \{6^8, 4^{10}, 3^2, 2^4\})$	175104
12	$\mathcal{O}(0; \{6^8, 4^{10}, 3^5\})$	1397760
12	$\mathcal{O}(0; \{6^8, 4^{12}, 3^2, 2\})$	700416
12	$\mathcal{O}(0; \{6^9, 4^2, 2^{17}\})$	340
12	$\mathcal{O}(0; \{6^9, 4^2, 3^3, 2^{13}\})$	2732
12	$\mathcal{O}(0; \{6^9, 4^2, 3^6, 2^9\})$	21844
12	$\mathcal{O}(0; \{6^9, 4^2, 3^9, 2^5\})$	174764
12	$\mathcal{O}(0; \{6^9, 4^2, 3^{12}, 2\})$	1398100
12	$\mathcal{O}(0; \{6^9, 4^4, 2^{14}\})$	1360
12	$\mathcal{O}(0; \{6^9, 4^4, 3^3, 2^{10}\})$	10928
12	$\mathcal{O}(0; \{6^9, 4^4, 3^6, 2^6\})$	87376
12	$\mathcal{O}(0; \{6^9, 4^4, 3^9, 2^2\})$	699056
12	$\mathcal{O}(0; \{6^9, 4^6, 2^{11}\})$	5440
12	$\mathcal{O}(0; \{6^9, 4^6, 3^3, 2^7\})$	43712
12	$\mathcal{O}(0; \{6^9, 4^6, 3^6, 2^3\})$	349504
12	$\mathcal{O}(0; \{6^9, 4^8, 2^8\})$	21760
12	$\mathcal{O}(0; \{6^9, 4^8, 3^3, 2^4\})$	174848
12	$\mathcal{O}(0; \{6^9, 4^8, 3^6\})$	1398016
12	$\mathcal{O}(0; \{6^9, 4^{10}, 2^5\})$	87040
12	$\mathcal{O}(0; \{6^9, 4^{10}, 3^3, 2\})$	699392
12	$\mathcal{O}(0; \{6^9, 4^{12}, 2^2\})$	348160
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3, 2^{14}\})$	1364
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^4, 2^{10}\})$	10924
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^7, 2^6\})$	87380

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^{10}, 2^2\})$	699052
12	$\mathcal{O}(0; \{6^{10}, 4^4, 3, 2^{11}\})$	5456
12	$\mathcal{O}(0; \{6^{10}, 4^4, 3^4, 2^7\})$	43696
12	$\mathcal{O}(0; \{6^{10}, 4^4, 3^7, 2^3\})$	349520
12	$\mathcal{O}(0; \{6^{10}, 4^6, 3, 2^8\})$	21824
12	$\mathcal{O}(0; \{6^{10}, 4^6, 3^4, 2^4\})$	174784
12	$\mathcal{O}(0; \{6^{10}, 4^6, 3^7\})$	1398080
12	$\mathcal{O}(0; \{6^{10}, 4^8, 3, 2^5\})$	87296
12	$\mathcal{O}(0; \{6^{10}, 4^8, 3^4, 2\})$	699136
12	$\mathcal{O}(0; \{6^{10}, 4^{10}, 3, 2^2\})$	349184
12	$\mathcal{O}(0; \{6^{11}, 4^2, 3^2, 2^{11}\})$	5460
12	$\mathcal{O}(0; \{6^{11}, 4^2, 3^5, 2^7\})$	43692
12	$\mathcal{O}(0; \{6^{11}, 4^2, 3^8, 2^3\})$	349524
12	$\mathcal{O}(0; \{6^{11}, 4^4, 3^2, 2^8\})$	21840
12	$\mathcal{O}(0; \{6^{11}, 4^4, 3^5, 2^4\})$	174768
12	$\mathcal{O}(0; \{6^{11}, 4^4, 3^8\})$	1398096
12	$\mathcal{O}(0; \{6^{11}, 4^6, 3^2, 2^5\})$	87360
12	$\mathcal{O}(0; \{6^{11}, 4^6, 3^5, 2\})$	699072
12	$\mathcal{O}(0; \{6^{11}, 4^8, 3^2, 2^2\})$	349440
12	$\mathcal{O}(0; \{6^{12}, 4^2, 2^{12}\})$	2732
12	$\mathcal{O}(0; \{6^{12}, 4^2, 3^3, 2^8\})$	21844
12	$\mathcal{O}(0; \{6^{12}, 4^2, 3^6, 2^4\})$	174764
12	$\mathcal{O}(0; \{6^{12}, 4^2, 3^9\})$	1398100
12	$\mathcal{O}(0; \{6^{12}, 4^4, 2^9\})$	10928
12	$\mathcal{O}(0; \{6^{12}, 4^4, 3^3, 2^5\})$	87376
12	$\mathcal{O}(0; \{6^{12}, 4^4, 3^6, 2\})$	699056
12	$\mathcal{O}(0; \{6^{12}, 4^6, 2^6\})$	43712
12	$\mathcal{O}(0; \{6^{12}, 4^6, 3^3, 2^2\})$	349504
12	$\mathcal{O}(0; \{6^{12}, 4^8, 2^3\})$	174848
12	$\mathcal{O}(0; \{6^{12}, 4^{10}\})$	699392
12	$\mathcal{O}(0; \{6^{13}, 4^2, 3, 2^9\})$	10924
12	$\mathcal{O}(0; \{6^{13}, 4^2, 3^4, 2^5\})$	87380
12	$\mathcal{O}(0; \{6^{13}, 4^2, 3^7, 2\})$	699052
12	$\mathcal{O}(0; \{6^{13}, 4^4, 3, 2^6\})$	43696
12	$\mathcal{O}(0; \{6^{13}, 4^4, 3^4, 2^2\})$	349520
12	$\mathcal{O}(0; \{6^{13}, 4^6, 3, 2^3\})$	174784
12	$\mathcal{O}(0; \{6^{13}, 4^8, 3\})$	699136
12	$\mathcal{O}(0; \{6^{14}, 4^2, 3^2, 2^6\})$	43692
12	$\mathcal{O}(0; \{6^{14}, 4^2, 3^5, 2^2\})$	349524
12	$\mathcal{O}(0; \{6^{14}, 4^4, 3^2, 2^3\})$	174768
12	$\mathcal{O}(0; \{6^{14}, 4^6, 3^2\})$	699072
12	$\mathcal{O}(0; \{6^{15}, 4^2, 2^7\})$	21844
12	$\mathcal{O}(0; \{6^{15}, 4^2, 3^3, 2^3\})$	174764

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^{15}, 4^4, 2^4\})$	87376
12	$\mathcal{O}(0; \{6^{15}, 4^4, 3^3\})$	699056
12	$\mathcal{O}(0; \{6^{15}, 4^6, 2\})$	349504
12	$\mathcal{O}(0; \{6^{16}, 4^2, 3, 2^4\})$	87380
12	$\mathcal{O}(0; \{6^{16}, 4^2, 3^4\})$	699052
12	$\mathcal{O}(0; \{6^{16}, 4^4, 3, 2\})$	349520
12	$\mathcal{O}(0; \{6^{17}, 4^2, 3^2, 2\})$	349524
12	$\mathcal{O}(0; \{6^{18}, 4^2, 2^2\})$	174764
12	$\mathcal{O}(0; \{12, 4, 3^2, 2^{29}\})$	4
12	$\mathcal{O}(0; \{12, 4, 3^5, 2^{25}\})$	44
12	$\mathcal{O}(0; \{12, 4, 3^8, 2^{21}\})$	340
12	$\mathcal{O}(0; \{12, 4, 3^{11}, 2^{17}\})$	2732
12	$\mathcal{O}(0; \{12, 4, 3^{14}, 2^{13}\})$	21844
12	$\mathcal{O}(0; \{12, 4, 3^{17}, 2^9\})$	174764
12	$\mathcal{O}(0; \{12, 4, 3^{20}, 2^5\})$	1398100
12	$\mathcal{O}(0; \{12, 4, 3^{23}, 2\})$	11184812
12	$\mathcal{O}(0; \{12, 4^3, 3^2, 2^{26}\})$	16
12	$\mathcal{O}(0; \{12, 4^3, 3^5, 2^{22}\})$	176
12	$\mathcal{O}(0; \{12, 4^3, 3^8, 2^{18}\})$	1360
12	$\mathcal{O}(0; \{12, 4^3, 3^{11}, 2^{14}\})$	10928
12	$\mathcal{O}(0; \{12, 4^3, 3^{14}, 2^{10}\})$	87376
12	$\mathcal{O}(0; \{12, 4^3, 3^{17}, 2^6\})$	699056
12	$\mathcal{O}(0; \{12, 4^3, 3^{20}, 2^2\})$	5592400
12	$\mathcal{O}(0; \{12, 4^5, 3^2, 2^{23}\})$	64
12	$\mathcal{O}(0; \{12, 4^5, 3^5, 2^{19}\})$	704
12	$\mathcal{O}(0; \{12, 4^5, 3^8, 2^{15}\})$	5440
12	$\mathcal{O}(0; \{12, 4^5, 3^{11}, 2^{11}\})$	43712
12	$\mathcal{O}(0; \{12, 4^5, 3^{14}, 2^7\})$	349504
12	$\mathcal{O}(0; \{12, 4^5, 3^{17}, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12, 4^7, 3^2, 2^{20}\})$	256
12	$\mathcal{O}(0; \{12, 4^7, 3^5, 2^{16}\})$	2816
12	$\mathcal{O}(0; \{12, 4^7, 3^8, 2^{12}\})$	21760
12	$\mathcal{O}(0; \{12, 4^7, 3^{11}, 2^8\})$	174848
12	$\mathcal{O}(0; \{12, 4^7, 3^{14}, 2^4\})$	1398016
12	$\mathcal{O}(0; \{12, 4^7, 3^{17}\})$	11184896
12	$\mathcal{O}(0; \{12, 4^9, 3^2, 2^{17}\})$	1024
12	$\mathcal{O}(0; \{12, 4^9, 3^5, 2^{13}\})$	11264
12	$\mathcal{O}(0; \{12, 4^9, 3^8, 2^9\})$	87040
12	$\mathcal{O}(0; \{12, 4^9, 3^{11}, 2^5\})$	699392
12	$\mathcal{O}(0; \{12, 4^9, 3^{14}, 2\})$	5592064
12	$\mathcal{O}(0; \{12, 4^{11}, 3^2, 2^{14}\})$	4096
12	$\mathcal{O}(0; \{12, 4^{11}, 3^5, 2^{10}\})$	45056
12	$\mathcal{O}(0; \{12, 4^{11}, 3^8, 2^6\})$	348160

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 4^{11}, 3^{11}, 2^2\})$	2797568
12	$\mathcal{O}(0; \{12, 4^{13}, 3^2, 2^{11}\})$	16384
12	$\mathcal{O}(0; \{12, 4^{13}, 3^5, 2^7\})$	180224
12	$\mathcal{O}(0; \{12, 4^{13}, 3^8, 2^3\})$	1392640
12	$\mathcal{O}(0; \{12, 4^{15}, 3^2, 2^8\})$	65536
12	$\mathcal{O}(0; \{12, 4^{15}, 3^5, 2^4\})$	720896
12	$\mathcal{O}(0; \{12, 4^{15}, 3^8\})$	5570560
12	$\mathcal{O}(0; \{12, 4^{17}, 3^2, 2^5\})$	262144
12	$\mathcal{O}(0; \{12, 4^{17}, 3^5, 2\})$	2883584
12	$\mathcal{O}(0; \{12, 4^{19}, 3^2, 2^2\})$	1048576
12	$\mathcal{O}(0; \{12, 6, 4, 2^{30}\})$	4
12	$\mathcal{O}(0; \{12, 6, 4, 3^3, 2^{26}\})$	20
12	$\mathcal{O}(0; \{12, 6, 4, 3^6, 2^{22}\})$	172
12	$\mathcal{O}(0; \{12, 6, 4, 3^9, 2^{18}\})$	1364
12	$\mathcal{O}(0; \{12, 6, 4, 3^{12}, 2^{14}\})$	10924
12	$\mathcal{O}(0; \{12, 6, 4, 3^{15}, 2^{10}\})$	87380
12	$\mathcal{O}(0; \{12, 6, 4, 3^{18}, 2^6\})$	699052
12	$\mathcal{O}(0; \{12, 6, 4, 3^{21}, 2^2\})$	5592404
12	$\mathcal{O}(0; \{12, 6, 4^3, 2^{27}\})$	16
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^3, 2^{23}\})$	80
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^6, 2^{19}\})$	688
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^9, 2^{15}\})$	5456
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{12}, 2^{11}\})$	43696
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{15}, 2^7\})$	349520
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{18}, 2^3\})$	2796208
12	$\mathcal{O}(0; \{12, 6, 4^5, 2^{24}\})$	64
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^3, 2^{20}\})$	320
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^6, 2^{16}\})$	2752
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^9, 2^{12}\})$	21824
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^{12}, 2^8\})$	174784
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^{15}, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^{18}\})$	11184832
12	$\mathcal{O}(0; \{12, 6, 4^7, 2^{21}\})$	256
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^3, 2^{17}\})$	1280
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^6, 2^{13}\})$	11008
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^9, 2^9\})$	87296
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^{12}, 2^5\})$	699136
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^{15}, 2\})$	5592320
12	$\mathcal{O}(0; \{12, 6, 4^9, 2^{18}\})$	1024
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^3, 2^{14}\})$	5120
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^6, 2^{10}\})$	44032
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^9, 2^6\})$	349184
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^{12}, 2^2\})$	2796544

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 2^{15}\})$	4096
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3^3, 2^{11}\})$	20480
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3^6, 2^7\})$	176128
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3^9, 2^3\})$	1396736
12	$\mathcal{O}(0; \{12, 6, 4^{13}, 2^{12}\})$	16384
12	$\mathcal{O}(0; \{12, 6, 4^{13}, 3^3, 2^8\})$	81920
12	$\mathcal{O}(0; \{12, 6, 4^{13}, 3^6, 2^4\})$	704512
12	$\mathcal{O}(0; \{12, 6, 4^{13}, 3^9\})$	5586944
12	$\mathcal{O}(0; \{12, 6, 4^{15}, 2^9\})$	65536
12	$\mathcal{O}(0; \{12, 6, 4^{15}, 3^3, 2^5\})$	327680
12	$\mathcal{O}(0; \{12, 6, 4^{15}, 3^6, 2\})$	2818048
12	$\mathcal{O}(0; \{12, 6, 4^{17}, 2^6\})$	262144
12	$\mathcal{O}(0; \{12, 6, 4^{17}, 3^3, 2^2\})$	1310720
12	$\mathcal{O}(0; \{12, 6, 4^{19}, 2^3\})$	1048576
12	$\mathcal{O}(0; \{12, 6, 4^{21}\})$	4194304
12	$\mathcal{O}(0; \{12, 6^2, 4, 3, 2^{27}\})$	12
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^4, 2^{23}\})$	84
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^7, 2^{19}\})$	684
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{10}, 2^{15}\})$	5460
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{13}, 2^{11}\})$	43692
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{16}, 2^7\})$	349524
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{19}, 2^3\})$	2796204
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3, 2^{24}\})$	48
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^4, 2^{20}\})$	336
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^7, 2^{16}\})$	2736
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^{10}, 2^{12}\})$	21840
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^{13}, 2^8\})$	174768
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^{16}, 2^4\})$	1398096
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^{19}\})$	11184816
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3, 2^{21}\})$	192
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^4, 2^{17}\})$	1344
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^7, 2^{13}\})$	10944
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^{10}, 2^9\})$	87360
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^{13}, 2^5\})$	699072
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^{16}, 2\})$	5592384
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3, 2^{18}\})$	768
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^4, 2^{14}\})$	5376
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^7, 2^{10}\})$	43776
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^{10}, 2^6\})$	349440
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^{13}, 2^2\})$	2796288
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3, 2^{15}\})$	3072
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^4, 2^{11}\})$	21504
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^7, 2^7\})$	175104

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^{10}, 2^3\})$	1397760
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 3, 2^{12}\})$	12288
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 3^4, 2^8\})$	86016
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 3^7, 2^4\})$	700416
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 3^{10}\})$	5591040
12	$\mathcal{O}(0; \{12, 6^2, 4^{13}, 3, 2^9\})$	49152
12	$\mathcal{O}(0; \{12, 6^2, 4^{13}, 3^4, 2^5\})$	344064
12	$\mathcal{O}(0; \{12, 6^2, 4^{13}, 3^7, 2\})$	2801664
12	$\mathcal{O}(0; \{12, 6^2, 4^{15}, 3, 2^6\})$	196608
12	$\mathcal{O}(0; \{12, 6^2, 4^{15}, 3^4, 2^2\})$	1376256
12	$\mathcal{O}(0; \{12, 6^2, 4^{17}, 3, 2^3\})$	786432
12	$\mathcal{O}(0; \{12, 6^2, 4^{19}, 3\})$	3145728
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^2, 2^{24}\})$	44
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^5, 2^{20}\})$	340
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^8, 2^{16}\})$	2732
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{11}, 2^{12}\})$	21844
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{14}, 2^8\})$	174764
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{17}, 2^4\})$	1398100
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{20}\})$	11184812
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^2, 2^{21}\})$	176
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^5, 2^{17}\})$	1360
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^8, 2^{13}\})$	10928
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^{11}, 2^9\})$	87376
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^{14}, 2^5\})$	699056
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^{17}, 2\})$	5592400
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^2, 2^{18}\})$	704
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^5, 2^{14}\})$	5440
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^8, 2^{10}\})$	43712
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^{11}, 2^6\})$	349504
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^{14}, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^2, 2^{15}\})$	2816
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^5, 2^{11}\})$	21760
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^8, 2^7\})$	174848
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^{11}, 2^3\})$	1398016
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3^2, 2^{12}\})$	11264
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3^5, 2^8\})$	87040
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3^8, 2^4\})$	699392
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3^{11}\})$	5592064
12	$\mathcal{O}(0; \{12, 6^3, 4^{11}, 3^2, 2^9\})$	45056
12	$\mathcal{O}(0; \{12, 6^3, 4^{11}, 3^5, 2^5\})$	348160
12	$\mathcal{O}(0; \{12, 6^3, 4^{11}, 3^8, 2\})$	2797568
12	$\mathcal{O}(0; \{12, 6^3, 4^{13}, 3^2, 2^6\})$	180224
12	$\mathcal{O}(0; \{12, 6^3, 4^{13}, 3^5, 2^2\})$	1392640

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^3, 4^{15}, 3^2, 2^3\})$	720896
12	$\mathcal{O}(0; \{12, 6^3, 4^{17}, 3^2\})$	2883584
12	$\mathcal{O}(0; \{12, 6^4, 4, 2^{25}\})$	20
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^3, 2^{21}\})$	172
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^6, 2^{17}\})$	1364
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^9, 2^{13}\})$	10924
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^{12}, 2^9\})$	87380
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^{15}, 2^5\})$	699052
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^{18}, 2\})$	5592404
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 2^{22}\})$	80
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^3, 2^{18}\})$	688
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^6, 2^{14}\})$	5456
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^9, 2^{10}\})$	43696
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^{12}, 2^6\})$	349520
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^{15}, 2^2\})$	2796208
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 2^{19}\})$	320
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^3, 2^{15}\})$	2752
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^6, 2^{11}\})$	21824
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^9, 2^7\})$	174784
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^{12}, 2^3\})$	1398080
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 2^{16}\})$	1280
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^3, 2^{12}\})$	11008
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^6, 2^8\})$	87296
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^9, 2^4\})$	699136
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^{12}\})$	5592320
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 2^{13}\})$	5120
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 3^3, 2^9\})$	44032
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 3^6, 2^5\})$	349184
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 3^9, 2\})$	2796544
12	$\mathcal{O}(0; \{12, 6^4, 4^{11}, 2^{10}\})$	20480
12	$\mathcal{O}(0; \{12, 6^4, 4^{11}, 3^3, 2^6\})$	176128
12	$\mathcal{O}(0; \{12, 6^4, 4^{11}, 3^6, 2^2\})$	1396736
12	$\mathcal{O}(0; \{12, 6^4, 4^{13}, 2^7\})$	81920
12	$\mathcal{O}(0; \{12, 6^4, 4^{13}, 3^3, 2^3\})$	704512
12	$\mathcal{O}(0; \{12, 6^4, 4^{15}, 2^4\})$	327680
12	$\mathcal{O}(0; \{12, 6^4, 4^{15}, 3^3\})$	2818048
12	$\mathcal{O}(0; \{12, 6^4, 4^{17}, 2\})$	1310720
12	$\mathcal{O}(0; \{12, 6^5, 4, 3, 2^{22}\})$	84
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^4, 2^{18}\})$	684
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^7, 2^{14}\})$	5460
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^{10}, 2^{10}\})$	43692
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^{13}, 2^6\})$	349524
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^{16}, 2^2\})$	2796204

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3, 2^{19}\})$	336
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^4, 2^{15}\})$	2736
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^7, 2^{11}\})$	21840
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^{10}, 2^7\})$	174768
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^{13}, 2^3\})$	1398096
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3, 2^{16}\})$	1344
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^4, 2^{12}\})$	10944
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^7, 2^8\})$	87360
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^{10}, 2^4\})$	699072
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^{13}\})$	5592384
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3, 2^{13}\})$	5376
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3^4, 2^9\})$	43776
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3^7, 2^5\})$	349440
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3^{10}, 2\})$	2796288
12	$\mathcal{O}(0; \{12, 6^5, 4^9, 3, 2^{10}\})$	21504
12	$\mathcal{O}(0; \{12, 6^5, 4^9, 3^4, 2^6\})$	175104
12	$\mathcal{O}(0; \{12, 6^5, 4^9, 3^7, 2^2\})$	1397760
12	$\mathcal{O}(0; \{12, 6^5, 4^{11}, 3, 2^7\})$	86016
12	$\mathcal{O}(0; \{12, 6^5, 4^{11}, 3^4, 2^3\})$	700416
12	$\mathcal{O}(0; \{12, 6^5, 4^{13}, 3, 2^4\})$	344064
12	$\mathcal{O}(0; \{12, 6^5, 4^{13}, 3^4\})$	2801664
12	$\mathcal{O}(0; \{12, 6^5, 4^{15}, 3, 2\})$	1376256
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^2, 2^{19}\})$	340
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^5, 2^{15}\})$	2732
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^8, 2^{11}\})$	21844
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^{11}, 2^7\})$	174764
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^{14}, 2^3\})$	1398100
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^2, 2^{16}\})$	1360
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^5, 2^{12}\})$	10928
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^8, 2^8\})$	87376
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^{11}, 2^4\})$	699056
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^{14}\})$	5592400
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^2, 2^{13}\})$	5440
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^5, 2^9\})$	43712
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^8, 2^5\})$	349504
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^{11}, 2\})$	2796224
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 3^2, 2^{10}\})$	21760
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 3^5, 2^6\})$	174848
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 3^8, 2^2\})$	1398016
12	$\mathcal{O}(0; \{12, 6^6, 4^9, 3^2, 2^7\})$	87040
12	$\mathcal{O}(0; \{12, 6^6, 4^9, 3^5, 2^3\})$	699392
12	$\mathcal{O}(0; \{12, 6^6, 4^{11}, 3^2, 2^4\})$	348160
12	$\mathcal{O}(0; \{12, 6^6, 4^{11}, 3^5\})$	2797568

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^6, 4^{13}, 3^2, 2\})$	1392640
12	$\mathcal{O}(0; \{12, 6^7, 4, 2^{20}\})$	172
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^3, 2^{16}\})$	1364
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^6, 2^{12}\})$	10924
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^9, 2^8\})$	87380
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^{12}, 2^4\})$	699052
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^{15}\})$	5592404
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 2^{17}\})$	688
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^3, 2^{13}\})$	5456
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^6, 2^9\})$	43696
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^9, 2^5\})$	349520
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^{12}, 2\})$	2796208
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 2^{14}\})$	2752
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3^3, 2^{10}\})$	21824
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3^6, 2^6\})$	174784
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3^9, 2^2\})$	1398080
12	$\mathcal{O}(0; \{12, 6^7, 4^7, 2^{11}\})$	11008
12	$\mathcal{O}(0; \{12, 6^7, 4^7, 3^3, 2^7\})$	87296
12	$\mathcal{O}(0; \{12, 6^7, 4^7, 3^6, 2^3\})$	699136
12	$\mathcal{O}(0; \{12, 6^7, 4^9, 2^8\})$	44032
12	$\mathcal{O}(0; \{12, 6^7, 4^9, 3^3, 2^4\})$	349184
12	$\mathcal{O}(0; \{12, 6^7, 4^9, 3^6\})$	2796544
12	$\mathcal{O}(0; \{12, 6^7, 4^{11}, 2^5\})$	176128
12	$\mathcal{O}(0; \{12, 6^7, 4^{11}, 3^3, 2\})$	1396736
12	$\mathcal{O}(0; \{12, 6^7, 4^{13}, 2^2\})$	704512
12	$\mathcal{O}(0; \{12, 6^8, 4, 3, 2^{17}\})$	684
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^4, 2^{13}\})$	5460
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^7, 2^9\})$	43692
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^{10}, 2^5\})$	349524
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^{13}, 2\})$	2796204
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3, 2^{14}\})$	2736
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^4, 2^{10}\})$	21840
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^7, 2^6\})$	174768
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^{10}, 2^2\})$	1398096
12	$\mathcal{O}(0; \{12, 6^8, 4^5, 3, 2^{11}\})$	10944
12	$\mathcal{O}(0; \{12, 6^8, 4^5, 3^4, 2^7\})$	87360
12	$\mathcal{O}(0; \{12, 6^8, 4^5, 3^7, 2^3\})$	699072
12	$\mathcal{O}(0; \{12, 6^8, 4^7, 3, 2^8\})$	43776
12	$\mathcal{O}(0; \{12, 6^8, 4^7, 3^4, 2^4\})$	349440
12	$\mathcal{O}(0; \{12, 6^8, 4^7, 3^7\})$	2796288
12	$\mathcal{O}(0; \{12, 6^8, 4^9, 3, 2^5\})$	175104
12	$\mathcal{O}(0; \{12, 6^8, 4^9, 3^4, 2\})$	1397760
12	$\mathcal{O}(0; \{12, 6^8, 4^{11}, 3, 2^2\})$	700416

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^2, 2^{14}\})$	2732
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^5, 2^{10}\})$	21844
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^8, 2^6\})$	174764
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^{11}, 2^2\})$	1398100
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 3^2, 2^{11}\})$	10928
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 3^5, 2^7\})$	87376
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 3^8, 2^3\})$	699056
12	$\mathcal{O}(0; \{12, 6^9, 4^5, 3^2, 2^8\})$	43712
12	$\mathcal{O}(0; \{12, 6^9, 4^5, 3^5, 2^4\})$	349504
12	$\mathcal{O}(0; \{12, 6^9, 4^5, 3^8\})$	2796224
12	$\mathcal{O}(0; \{12, 6^9, 4^7, 3^2, 2^5\})$	174848
12	$\mathcal{O}(0; \{12, 6^9, 4^7, 3^5, 2\})$	1398016
12	$\mathcal{O}(0; \{12, 6^9, 4^9, 3^2, 2^2\})$	699392
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 2^{15}\})$	1364
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3^3, 2^{11}\})$	10924
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3^6, 2^7\})$	87380
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3^9, 2^3\})$	699052
12	$\mathcal{O}(0; \{12, 6^{10}, 4^3, 2^{12}\})$	5456
12	$\mathcal{O}(0; \{12, 6^{10}, 4^3, 3^3, 2^8\})$	43696
12	$\mathcal{O}(0; \{12, 6^{10}, 4^3, 3^6, 2^4\})$	349520
12	$\mathcal{O}(0; \{12, 6^{10}, 4^3, 3^9\})$	2796208
12	$\mathcal{O}(0; \{12, 6^{10}, 4^5, 2^9\})$	21824
12	$\mathcal{O}(0; \{12, 6^{10}, 4^5, 3^3, 2^5\})$	174784
12	$\mathcal{O}(0; \{12, 6^{10}, 4^5, 3^6, 2\})$	1398080
12	$\mathcal{O}(0; \{12, 6^{10}, 4^7, 2^6\})$	87296
12	$\mathcal{O}(0; \{12, 6^{10}, 4^7, 3^3, 2^2\})$	699136
12	$\mathcal{O}(0; \{12, 6^{10}, 4^9, 2^3\})$	349184
12	$\mathcal{O}(0; \{12, 6^{10}, 4^{11}\})$	1396736
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 3, 2^{12}\})$	5460
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 3^4, 2^8\})$	43692
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 3^7, 2^4\})$	349524
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 3^{10}\})$	2796204
12	$\mathcal{O}(0; \{12, 6^{11}, 4^3, 3, 2^9\})$	21840
12	$\mathcal{O}(0; \{12, 6^{11}, 4^3, 3^4, 2^5\})$	174768
12	$\mathcal{O}(0; \{12, 6^{11}, 4^3, 3^7, 2\})$	1398096
12	$\mathcal{O}(0; \{12, 6^{11}, 4^5, 3, 2^6\})$	87360
12	$\mathcal{O}(0; \{12, 6^{11}, 4^5, 3^4, 2^2\})$	699072
12	$\mathcal{O}(0; \{12, 6^{11}, 4^7, 3, 2^3\})$	349440
12	$\mathcal{O}(0; \{12, 6^{11}, 4^9, 3\})$	1397760
12	$\mathcal{O}(0; \{12, 6^{12}, 4, 3^2, 2^9\})$	21844
12	$\mathcal{O}(0; \{12, 6^{12}, 4, 3^5, 2^5\})$	174764
12	$\mathcal{O}(0; \{12, 6^{12}, 4, 3^8, 2\})$	1398100
12	$\mathcal{O}(0; \{12, 6^{12}, 4^3, 3^2, 2^6\})$	87376

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^{12}, 4^3, 3^5, 2^2\})$	699056
12	$\mathcal{O}(0; \{12, 6^{12}, 4^5, 3^2, 2^3\})$	349504
12	$\mathcal{O}(0; \{12, 6^{12}, 4^7, 3^2\})$	1398016
12	$\mathcal{O}(0; \{12, 6^{13}, 4, 2^{10}\})$	10924
12	$\mathcal{O}(0; \{12, 6^{13}, 4, 3^3, 2^6\})$	87380
12	$\mathcal{O}(0; \{12, 6^{13}, 4, 3^6, 2^2\})$	699052
12	$\mathcal{O}(0; \{12, 6^{13}, 4^3, 2^7\})$	43696
12	$\mathcal{O}(0; \{12, 6^{13}, 4^3, 3^3, 2^3\})$	349520
12	$\mathcal{O}(0; \{12, 6^{13}, 4^5, 2^4\})$	174784
12	$\mathcal{O}(0; \{12, 6^{13}, 4^5, 3^3\})$	1398080
12	$\mathcal{O}(0; \{12, 6^{13}, 4^7, 2\})$	699136
12	$\mathcal{O}(0; \{12, 6^{14}, 4, 3, 2^7\})$	43692
12	$\mathcal{O}(0; \{12, 6^{14}, 4, 3^4, 2^3\})$	349524
12	$\mathcal{O}(0; \{12, 6^{14}, 4^3, 3, 2^4\})$	174768
12	$\mathcal{O}(0; \{12, 6^{14}, 4^3, 3^4\})$	1398096
12	$\mathcal{O}(0; \{12, 6^{14}, 4^5, 3, 2\})$	699072
12	$\mathcal{O}(0; \{12, 6^{15}, 4, 3^2, 2^4\})$	174764
12	$\mathcal{O}(0; \{12, 6^{15}, 4, 3^5\})$	1398100
12	$\mathcal{O}(0; \{12, 6^{15}, 4^3, 3^2, 2\})$	699056
12	$\mathcal{O}(0; \{12, 6^{16}, 4, 2^5\})$	87380
12	$\mathcal{O}(0; \{12, 6^{16}, 4, 3^3, 2\})$	699052
12	$\mathcal{O}(0; \{12, 6^{16}, 4^3, 2^2\})$	349520
12	$\mathcal{O}(0; \{12, 6^{17}, 4, 3, 2^2\})$	349524
12	$\mathcal{O}(0; \{12, 6^{19}, 4\})$	699052
12	$\mathcal{O}(0; \{12^2, 3, 2^{30}\})$	4
12	$\mathcal{O}(0; \{12^2, 3^4, 2^{26}\})$	44
12	$\mathcal{O}(0; \{12^2, 3^7, 2^{22}\})$	340
12	$\mathcal{O}(0; \{12^2, 3^{10}, 2^{18}\})$	2732
12	$\mathcal{O}(0; \{12^2, 3^{13}, 2^{14}\})$	21844
12	$\mathcal{O}(0; \{12^2, 3^{16}, 2^{10}\})$	174764
12	$\mathcal{O}(0; \{12^2, 3^{19}, 2^6\})$	1398100
12	$\mathcal{O}(0; \{12^2, 3^{22}, 2^2\})$	11184812
12	$\mathcal{O}(0; \{12^2, 4^2, 3, 2^{27}\})$	16
12	$\mathcal{O}(0; \{12^2, 4^2, 3^4, 2^{23}\})$	176
12	$\mathcal{O}(0; \{12^2, 4^2, 3^7, 2^{19}\})$	1360
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{10}, 2^{15}\})$	10928
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{13}, 2^{11}\})$	87376
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{16}, 2^7\})$	699056
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{19}, 2^3\})$	5592400
12	$\mathcal{O}(0; \{12^2, 4^4, 3, 2^{24}\})$	64
12	$\mathcal{O}(0; \{12^2, 4^4, 3^4, 2^{20}\})$	704
12	$\mathcal{O}(0; \{12^2, 4^4, 3^7, 2^{16}\})$	5440
12	$\mathcal{O}(0; \{12^2, 4^4, 3^{10}, 2^{12}\})$	43712

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 4^4, 3^{13}, 2^8\})$	349504
12	$\mathcal{O}(0; \{12^2, 4^4, 3^{16}, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^2, 4^4, 3^{19}\})$	22369600
12	$\mathcal{O}(0; \{12^2, 4^6, 3, 2^{21}\})$	256
12	$\mathcal{O}(0; \{12^2, 4^6, 3^4, 2^{17}\})$	2816
12	$\mathcal{O}(0; \{12^2, 4^6, 3^7, 2^{13}\})$	21760
12	$\mathcal{O}(0; \{12^2, 4^6, 3^{10}, 2^9\})$	174848
12	$\mathcal{O}(0; \{12^2, 4^6, 3^{13}, 2^5\})$	1398016
12	$\mathcal{O}(0; \{12^2, 4^6, 3^{16}, 2\})$	11184896
12	$\mathcal{O}(0; \{12^2, 4^8, 3, 2^{18}\})$	1024
12	$\mathcal{O}(0; \{12^2, 4^8, 3^4, 2^{14}\})$	11264
12	$\mathcal{O}(0; \{12^2, 4^8, 3^7, 2^{10}\})$	87040
12	$\mathcal{O}(0; \{12^2, 4^8, 3^{10}, 2^6\})$	699392
12	$\mathcal{O}(0; \{12^2, 4^8, 3^{13}, 2^2\})$	5592064
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3, 2^{15}\})$	4096
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^4, 2^{11}\})$	45056
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^7, 2^7\})$	348160
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^{10}, 2^3\})$	2797568
12	$\mathcal{O}(0; \{12^2, 4^{12}, 3, 2^{12}\})$	16384
12	$\mathcal{O}(0; \{12^2, 4^{12}, 3^4, 2^8\})$	180224
12	$\mathcal{O}(0; \{12^2, 4^{12}, 3^7, 2^4\})$	1392640
12	$\mathcal{O}(0; \{12^2, 4^{12}, 3^{10}\})$	11190272
12	$\mathcal{O}(0; \{12^2, 4^{14}, 3, 2^9\})$	65536
12	$\mathcal{O}(0; \{12^2, 4^{14}, 3^4, 2^5\})$	720896
12	$\mathcal{O}(0; \{12^2, 4^{14}, 3^7, 2\})$	5570560
12	$\mathcal{O}(0; \{12^2, 4^{16}, 3, 2^6\})$	262144
12	$\mathcal{O}(0; \{12^2, 4^{16}, 3^4, 2^2\})$	2883584
12	$\mathcal{O}(0; \{12^2, 4^{18}, 3, 2^3\})$	1048576
12	$\mathcal{O}(0; \{12^2, 4^{20}, 3\})$	4194304
12	$\mathcal{O}(0; \{12^2, 6, 3^2, 2^{27}\})$	20
12	$\mathcal{O}(0; \{12^2, 6, 3^5, 2^{23}\})$	172
12	$\mathcal{O}(0; \{12^2, 6, 3^8, 2^{19}\})$	1364
12	$\mathcal{O}(0; \{12^2, 6, 3^{11}, 2^{15}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6, 3^{14}, 2^{11}\})$	87380
12	$\mathcal{O}(0; \{12^2, 6, 3^{17}, 2^7\})$	699052
12	$\mathcal{O}(0; \{12^2, 6, 3^{20}, 2^3\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^2, 2^{24}\})$	80
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^5, 2^{20}\})$	688
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^8, 2^{16}\})$	5456
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{11}, 2^{12}\})$	43696
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{14}, 2^8\})$	349520
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{17}, 2^4\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{20}\})$	22369616

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^2, 2^{21}\})$	320
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^5, 2^{17}\})$	2752
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^8, 2^{13}\})$	21824
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^{11}, 2^9\})$	174784
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^{14}, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^{17}, 2\})$	11184832
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^2, 2^{18}\})$	1280
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^5, 2^{14}\})$	11008
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^8, 2^{10}\})$	87296
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^{11}, 2^6\})$	699136
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^{14}, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^2, 2^{15}\})$	5120
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^5, 2^{11}\})$	44032
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^8, 2^7\})$	349184
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^{11}, 2^3\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3^2, 2^{12}\})$	20480
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3^5, 2^8\})$	176128
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3^8, 2^4\})$	1396736
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3^{11}\})$	11186176
12	$\mathcal{O}(0; \{12^2, 6, 4^{12}, 3^2, 2^9\})$	81920
12	$\mathcal{O}(0; \{12^2, 6, 4^{12}, 3^5, 2^5\})$	704512
12	$\mathcal{O}(0; \{12^2, 6, 4^{12}, 3^8, 2\})$	5586944
12	$\mathcal{O}(0; \{12^2, 6, 4^{14}, 3^2, 2^6\})$	327680
12	$\mathcal{O}(0; \{12^2, 6, 4^{14}, 3^5, 2^2\})$	2818048
12	$\mathcal{O}(0; \{12^2, 6, 4^{16}, 3^2, 2^3\})$	1310720
12	$\mathcal{O}(0; \{12^2, 6, 4^{18}, 3^2\})$	5242880
12	$\mathcal{O}(0; \{12^2, 6^2, 2^{28}\})$	12
12	$\mathcal{O}(0; \{12^2, 6^2, 3^3, 2^{24}\})$	84
12	$\mathcal{O}(0; \{12^2, 6^2, 3^6, 2^{20}\})$	684
12	$\mathcal{O}(0; \{12^2, 6^2, 3^9, 2^{16}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{12}, 2^{12}\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{15}, 2^8\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{18}, 2^4\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{21}\})$	22369620
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 2^{25}\})$	48
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^3, 2^{21}\})$	336
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^6, 2^{17}\})$	2736
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^9, 2^{13}\})$	21840
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^{12}, 2^9\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^{15}, 2^5\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^{18}, 2\})$	11184816
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 2^{22}\})$	192
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^3, 2^{18}\})$	1344

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^6, 2^{14}\})$	10944
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^9, 2^{10}\})$	87360
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^{12}, 2^6\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^{15}, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 2^{19}\})$	768
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^3, 2^{15}\})$	5376
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^6, 2^{11}\})$	43776
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^9, 2^7\})$	349440
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^{12}, 2^3\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 2^{16}\})$	3072
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^3, 2^{12}\})$	21504
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^6, 2^8\})$	175104
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^9, 2^4\})$	1397760
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^{12}\})$	11185152
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 2^{13}\})$	12288
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 3^3, 2^9\})$	86016
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 3^6, 2^5\})$	700416
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 3^9, 2\})$	5591040
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{12}, 2^{10}\})$	49152
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{12}, 3^3, 2^6\})$	344064
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{12}, 3^6, 2^2\})$	2801664
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{14}, 2^7\})$	196608
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{14}, 3^3, 2^3\})$	1376256
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{16}, 2^4\})$	786432
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{16}, 3^3\})$	5505024
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{18}, 2\})$	3145728
12	$\mathcal{O}(0; \{12^2, 6^3, 3, 2^{25}\})$	44
12	$\mathcal{O}(0; \{12^2, 6^3, 3^4, 2^{21}\})$	340
12	$\mathcal{O}(0; \{12^2, 6^3, 3^7, 2^{17}\})$	2732
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{10}, 2^{13}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{13}, 2^9\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{16}, 2^5\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{19}, 2\})$	11184812
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3, 2^{22}\})$	176
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^4, 2^{18}\})$	1360
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^7, 2^{14}\})$	10928
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^{10}, 2^{10}\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^{13}, 2^6\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^{16}, 2^2\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3, 2^{19}\})$	704
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^4, 2^{15}\})$	5440
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^7, 2^{11}\})$	43712
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^{10}, 2^7\})$	349504

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^{13}, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3, 2^{16}\})$	2816
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^4, 2^{12}\})$	21760
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^7, 2^8\})$	174848
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^{10}, 2^4\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^{13}\})$	11184896
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3, 2^{13}\})$	11264
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3^4, 2^9\})$	87040
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3^7, 2^5\})$	699392
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3^{10}, 2\})$	5592064
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{10}, 3, 2^{10}\})$	45056
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{10}, 3^4, 2^6\})$	348160
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{10}, 3^7, 2^2\})$	2797568
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{12}, 3, 2^7\})$	180224
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{12}, 3^4, 2^3\})$	1392640
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{14}, 3, 2^4\})$	720896
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{14}, 3^4\})$	5570560
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{16}, 3, 2\})$	2883584
12	$\mathcal{O}(0; \{12^2, 6^4, 3^2, 2^{22}\})$	172
12	$\mathcal{O}(0; \{12^2, 6^4, 3^5, 2^{18}\})$	1364
12	$\mathcal{O}(0; \{12^2, 6^4, 3^8, 2^{14}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6^4, 3^{11}, 2^{10}\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^4, 3^{14}, 2^6\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^4, 3^{17}, 2^2\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^2, 2^{19}\})$	688
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^5, 2^{15}\})$	5456
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^8, 2^{11}\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^{11}, 2^7\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^{14}, 2^3\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^2, 2^{16}\})$	2752
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^5, 2^{12}\})$	21824
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^8, 2^8\})$	174784
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^{11}, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^{14}\})$	11184832
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^2, 2^{13}\})$	11008
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^5, 2^9\})$	87296
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^8, 2^5\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^{11}, 2\})$	5592320
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 3^2, 2^{10}\})$	44032
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 3^5, 2^6\})$	349184
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 3^8, 2^2\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{10}, 3^2, 2^7\})$	176128
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{10}, 3^5, 2^3\})$	1396736

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{12}, 3^2, 2^4\})$	704512
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{12}, 3^5\})$	5586944
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{14}, 3^2, 2\})$	2818048
12	$\mathcal{O}(0; \{12^2, 6^5, 2^{23}\})$	84
12	$\mathcal{O}(0; \{12^2, 6^5, 3^3, 2^{19}\})$	684
12	$\mathcal{O}(0; \{12^2, 6^5, 3^6, 2^{15}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6^5, 3^9, 2^{11}\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^5, 3^{12}, 2^7\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^5, 3^{15}, 2^3\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 2^{20}\})$	336
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^3, 2^{16}\})$	2736
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^6, 2^{12}\})$	21840
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^9, 2^8\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^{12}, 2^4\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^{15}\})$	11184816
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 2^{17}\})$	1344
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^3, 2^{13}\})$	10944
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^6, 2^9\})$	87360
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^9, 2^5\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^{12}, 2\})$	5592384
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 2^{14}\})$	5376
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3^3, 2^{10}\})$	43776
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3^6, 2^6\})$	349440
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3^9, 2^2\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^5, 4^8, 2^{11}\})$	21504
12	$\mathcal{O}(0; \{12^2, 6^5, 4^8, 3^3, 2^7\})$	175104
12	$\mathcal{O}(0; \{12^2, 6^5, 4^8, 3^6, 2^3\})$	1397760
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{10}, 2^8\})$	86016
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{10}, 3^3, 2^4\})$	700416
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{10}, 3^6\})$	5591040
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{12}, 2^5\})$	344064
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{12}, 3^3, 2\})$	2801664
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{14}, 2^2\})$	1376256
12	$\mathcal{O}(0; \{12^2, 6^6, 3, 2^{20}\})$	340
12	$\mathcal{O}(0; \{12^2, 6^6, 3^4, 2^{16}\})$	2732
12	$\mathcal{O}(0; \{12^2, 6^6, 3^7, 2^{12}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^6, 3^{10}, 2^8\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^6, 3^{13}, 2^4\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^6, 3^{16}\})$	11184812
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3, 2^{17}\})$	1360
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^4, 2^{13}\})$	10928
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^7, 2^9\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^{10}, 2^5\})$	699056

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^{13}, 2\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3, 2^{14}\})$	5440
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^4, 2^{10}\})$	43712
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^7, 2^6\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^{10}, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^6, 4^6, 3, 2^{11}\})$	21760
12	$\mathcal{O}(0; \{12^2, 6^6, 4^6, 3^4, 2^7\})$	174848
12	$\mathcal{O}(0; \{12^2, 6^6, 4^6, 3^7, 2^3\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^6, 4^8, 3, 2^8\})$	87040
12	$\mathcal{O}(0; \{12^2, 6^6, 4^8, 3^4, 2^4\})$	699392
12	$\mathcal{O}(0; \{12^2, 6^6, 4^8, 3^7\})$	5592064
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{10}, 3, 2^5\})$	348160
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{10}, 3^4, 2\})$	2797568
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{12}, 3, 2^2\})$	1392640
12	$\mathcal{O}(0; \{12^2, 6^7, 3^2, 2^{17}\})$	1364
12	$\mathcal{O}(0; \{12^2, 6^7, 3^5, 2^{13}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6^7, 3^8, 2^9\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^7, 3^{11}, 2^5\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^7, 3^{14}, 2\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^2, 2^{14}\})$	5456
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^5, 2^{10}\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^8, 2^6\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^{11}, 2^2\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 3^2, 2^{11}\})$	21824
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 3^5, 2^7\})$	174784
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 3^8, 2^3\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^7, 4^6, 3^2, 2^8\})$	87296
12	$\mathcal{O}(0; \{12^2, 6^7, 4^6, 3^5, 2^4\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^7, 4^6, 3^8\})$	5592320
12	$\mathcal{O}(0; \{12^2, 6^7, 4^8, 3^2, 2^5\})$	349184
12	$\mathcal{O}(0; \{12^2, 6^7, 4^8, 3^5, 2\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6^7, 4^{10}, 3^2, 2^2\})$	1396736
12	$\mathcal{O}(0; \{12^2, 6^8, 2^{18}\})$	684
12	$\mathcal{O}(0; \{12^2, 6^8, 3^3, 2^{14}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6^8, 3^6, 2^{10}\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^8, 3^9, 2^6\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^8, 3^{12}, 2^2\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 2^{15}\})$	2736
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3^3, 2^{11}\})$	21840
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3^6, 2^7\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3^9, 2^3\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^8, 4^4, 2^{12}\})$	10944
12	$\mathcal{O}(0; \{12^2, 6^8, 4^4, 3^3, 2^8\})$	87360

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^8, 4^4, 3^6, 2^4\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^8, 4^4, 3^9\})$	5592384
12	$\mathcal{O}(0; \{12^2, 6^8, 4^6, 2^9\})$	43776
12	$\mathcal{O}(0; \{12^2, 6^8, 4^6, 3^3, 2^5\})$	349440
12	$\mathcal{O}(0; \{12^2, 6^8, 4^6, 3^6, 2\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^8, 4^8, 2^6\})$	175104
12	$\mathcal{O}(0; \{12^2, 6^8, 4^8, 3^3, 2^2\})$	1397760
12	$\mathcal{O}(0; \{12^2, 6^8, 4^{10}, 2^3\})$	700416
12	$\mathcal{O}(0; \{12^2, 6^8, 4^{12}\})$	2801664
12	$\mathcal{O}(0; \{12^2, 6^9, 3, 2^{15}\})$	2732
12	$\mathcal{O}(0; \{12^2, 6^9, 3^4, 2^{11}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^9, 3^7, 2^7\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^9, 3^{10}, 2^3\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 3, 2^{12}\})$	10928
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 3^4, 2^8\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 3^7, 2^4\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 3^{10}\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6^9, 4^4, 3, 2^9\})$	43712
12	$\mathcal{O}(0; \{12^2, 6^9, 4^4, 3^4, 2^5\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^9, 4^4, 3^7, 2\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^9, 4^6, 3, 2^6\})$	174848
12	$\mathcal{O}(0; \{12^2, 6^9, 4^6, 3^4, 2^2\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^9, 4^8, 3, 2^3\})$	699392
12	$\mathcal{O}(0; \{12^2, 6^9, 4^{10}, 3\})$	2797568
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3^2, 2^{12}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3^5, 2^8\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3^8, 2^4\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3^{11}\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^2, 3^2, 2^9\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^2, 3^5, 2^5\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^2, 3^8, 2\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^4, 3^2, 2^6\})$	174784
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^4, 3^5, 2^2\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^6, 3^2, 2^3\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^8, 3^2\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6^{11}, 2^{13}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6^{11}, 3^3, 2^9\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^{11}, 3^6, 2^5\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^{11}, 3^9, 2\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^2, 2^{10}\})$	21840
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^2, 3^3, 2^6\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^2, 3^6, 2^2\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^4, 2^7\})$	87360

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^4, 3^3, 2^3\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^6, 2^4\})$	349440
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^6, 3^3\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^8, 2\})$	1397760
12	$\mathcal{O}(0; \{12^2, 6^{12}, 3, 2^{10}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^{12}, 3^4, 2^6\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^{12}, 3^7, 2^2\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^2, 3, 2^7\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^2, 3^4, 2^3\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^4, 3, 2^4\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^4, 3^4\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^6, 3, 2\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^{13}, 3^2, 2^7\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^{13}, 3^5, 2^3\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^2, 3^2, 2^4\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^2, 3^5\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^4, 3^2, 2\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^{14}, 2^8\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^{14}, 3^3, 2^4\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^{14}, 3^6\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^{14}, 4^2, 2^5\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^{14}, 4^2, 3^3, 2\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^{14}, 4^4, 2^2\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^{15}, 3, 2^5\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^{15}, 3^4, 2\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^{15}, 4^2, 3, 2^2\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^{16}, 3^2, 2^2\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^{17}, 2^3\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^{17}, 4^2\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^{18}, 3\})$	1398100
12	$\mathcal{O}(0; \{12^3, 4, 2^{28}\})$	16
12	$\mathcal{O}(0; \{12^3, 4, 3^3, 2^{24}\})$	176
12	$\mathcal{O}(0; \{12^3, 4, 3^6, 2^{20}\})$	1360
12	$\mathcal{O}(0; \{12^3, 4, 3^9, 2^{16}\})$	10928
12	$\mathcal{O}(0; \{12^3, 4, 3^{12}, 2^{12}\})$	87376
12	$\mathcal{O}(0; \{12^3, 4, 3^{15}, 2^8\})$	699056
12	$\mathcal{O}(0; \{12^3, 4, 3^{18}, 2^4\})$	5592400
12	$\mathcal{O}(0; \{12^3, 4, 3^{21}\})$	44739248
12	$\mathcal{O}(0; \{12^3, 4^3, 2^{25}\})$	64
12	$\mathcal{O}(0; \{12^3, 4^3, 3^3, 2^{21}\})$	704
12	$\mathcal{O}(0; \{12^3, 4^3, 3^6, 2^{17}\})$	5440
12	$\mathcal{O}(0; \{12^3, 4^3, 3^9, 2^{13}\})$	43712
12	$\mathcal{O}(0; \{12^3, 4^3, 3^{12}, 2^9\})$	349504

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 4^3, 3^{15}, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^3, 4^3, 3^{18}, 2\})$	22369600
12	$\mathcal{O}(0; \{12^3, 4^5, 2^{22}\})$	256
12	$\mathcal{O}(0; \{12^3, 4^5, 3^3, 2^{18}\})$	2816
12	$\mathcal{O}(0; \{12^3, 4^5, 3^6, 2^{14}\})$	21760
12	$\mathcal{O}(0; \{12^3, 4^5, 3^9, 2^{10}\})$	174848
12	$\mathcal{O}(0; \{12^3, 4^5, 3^{12}, 2^6\})$	1398016
12	$\mathcal{O}(0; \{12^3, 4^5, 3^{15}, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^3, 4^7, 2^{19}\})$	1024
12	$\mathcal{O}(0; \{12^3, 4^7, 3^3, 2^{15}\})$	11264
12	$\mathcal{O}(0; \{12^3, 4^7, 3^6, 2^{11}\})$	87040
12	$\mathcal{O}(0; \{12^3, 4^7, 3^9, 2^7\})$	699392
12	$\mathcal{O}(0; \{12^3, 4^7, 3^{12}, 2^3\})$	5592064
12	$\mathcal{O}(0; \{12^3, 4^9, 2^{16}\})$	4096
12	$\mathcal{O}(0; \{12^3, 4^9, 3^3, 2^{12}\})$	45056
12	$\mathcal{O}(0; \{12^3, 4^9, 3^6, 2^8\})$	348160
12	$\mathcal{O}(0; \{12^3, 4^9, 3^9, 2^4\})$	2797568
12	$\mathcal{O}(0; \{12^3, 4^9, 3^{12}\})$	22368256
12	$\mathcal{O}(0; \{12^3, 4^{11}, 2^{13}\})$	16384
12	$\mathcal{O}(0; \{12^3, 4^{11}, 3^3, 2^9\})$	180224
12	$\mathcal{O}(0; \{12^3, 4^{11}, 3^6, 2^5\})$	1392640
12	$\mathcal{O}(0; \{12^3, 4^{11}, 3^9, 2\})$	11190272
12	$\mathcal{O}(0; \{12^3, 4^{13}, 2^{10}\})$	65536
12	$\mathcal{O}(0; \{12^3, 4^{13}, 3^3, 2^6\})$	720896
12	$\mathcal{O}(0; \{12^3, 4^{13}, 3^6, 2^2\})$	5570560
12	$\mathcal{O}(0; \{12^3, 4^{15}, 2^7\})$	262144
12	$\mathcal{O}(0; \{12^3, 4^{15}, 3^3, 2^3\})$	2883584
12	$\mathcal{O}(0; \{12^3, 4^{17}, 2^4\})$	1048576
12	$\mathcal{O}(0; \{12^3, 4^{17}, 3^3\})$	11534336
12	$\mathcal{O}(0; \{12^3, 4^{19}, 2\})$	4194304
12	$\mathcal{O}(0; \{12^3, 6, 4, 3, 2^{25}\})$	80
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^4, 2^{21}\})$	688
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^7, 2^{17}\})$	5456
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{10}, 2^{13}\})$	43696
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{13}, 2^9\})$	349520
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{16}, 2^5\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{19}, 2\})$	22369616
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3, 2^{22}\})$	320
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^4, 2^{18}\})$	2752
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^7, 2^{14}\})$	21824
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^{10}, 2^{10}\})$	174784
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^{13}, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^{16}, 2^2\})$	11184832

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3, 2^{19}\})$	1280
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^4, 2^{15}\})$	11008
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^7, 2^{11}\})$	87296
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^{10}, 2^7\})$	699136
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^{13}, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3, 2^{16}\})$	5120
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^4, 2^{12}\})$	44032
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^7, 2^8\})$	349184
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^{10}, 2^4\})$	2796544
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^{13}\})$	22369280
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3, 2^{13}\})$	20480
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3^4, 2^9\})$	176128
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3^7, 2^5\})$	1396736
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3^{10}, 2\})$	11186176
12	$\mathcal{O}(0; \{12^3, 6, 4^{11}, 3, 2^{10}\})$	81920
12	$\mathcal{O}(0; \{12^3, 6, 4^{11}, 3^4, 2^6\})$	704512
12	$\mathcal{O}(0; \{12^3, 6, 4^{11}, 3^7, 2^2\})$	5586944
12	$\mathcal{O}(0; \{12^3, 6, 4^{13}, 3, 2^7\})$	327680
12	$\mathcal{O}(0; \{12^3, 6, 4^{13}, 3^4, 2^3\})$	2818048
12	$\mathcal{O}(0; \{12^3, 6, 4^{15}, 3, 2^4\})$	1310720
12	$\mathcal{O}(0; \{12^3, 6, 4^{15}, 3^4\})$	11272192
12	$\mathcal{O}(0; \{12^3, 6, 4^{17}, 3, 2\})$	5242880
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^2, 2^{22}\})$	336
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^5, 2^{18}\})$	2736
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^8, 2^{14}\})$	21840
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^{11}, 2^{10}\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^{14}, 2^6\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^{17}, 2^2\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^2, 2^{19}\})$	1344
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^5, 2^{15}\})$	10944
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^8, 2^{11}\})$	87360
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^{11}, 2^7\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^{14}, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^2, 2^{16}\})$	5376
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^5, 2^{12}\})$	43776
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^8, 2^8\})$	349440
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^{11}, 2^4\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^{14}\})$	22369536
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^2, 2^{13}\})$	21504
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^5, 2^9\})$	175104
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^8, 2^5\})$	1397760
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^{11}, 2\})$	11185152
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 3^2, 2^{10}\})$	86016

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 3^5, 2^6\})$	700416
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 3^8, 2^2\})$	5591040
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{11}, 3^2, 2^7\})$	344064
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{11}, 3^5, 2^3\})$	2801664
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{13}, 3^2, 2^4\})$	1376256
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{13}, 3^5\})$	11206656
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{15}, 3^2, 2\})$	5505024
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 2^{23}\})$	176
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^3, 2^{19}\})$	1360
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^6, 2^{15}\})$	10928
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^9, 2^{11}\})$	87376
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^{12}, 2^7\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^{15}, 2^3\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 2^{20}\})$	704
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^3, 2^{16}\})$	5440
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^6, 2^{12}\})$	43712
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^9, 2^8\})$	349504
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^{12}, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^{15}\})$	22369600
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 2^{17}\})$	2816
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^3, 2^{13}\})$	21760
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^6, 2^9\})$	174848
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^9, 2^5\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^{12}, 2\})$	11184896
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 2^{14}\})$	11264
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3^3, 2^{10}\})$	87040
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3^6, 2^6\})$	699392
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3^9, 2^2\})$	5592064
12	$\mathcal{O}(0; \{12^3, 6^3, 4^9, 2^{11}\})$	45056
12	$\mathcal{O}(0; \{12^3, 6^3, 4^9, 3^3, 2^7\})$	348160
12	$\mathcal{O}(0; \{12^3, 6^3, 4^9, 3^6, 2^3\})$	2797568
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{11}, 2^8\})$	180224
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{11}, 3^3, 2^4\})$	1392640
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{11}, 3^6\})$	11190272
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{13}, 2^5\})$	720896
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{13}, 3^3, 2\})$	5570560
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{15}, 2^2\})$	2883584
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3, 2^{20}\})$	688
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^4, 2^{16}\})$	5456
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^7, 2^{12}\})$	43696
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^{10}, 2^8\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^{13}, 2^4\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^{16}\})$	22369616

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3, 2^{17}\})$	2752
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^4, 2^{13}\})$	21824
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^7, 2^9\})$	174784
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^{10}, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^{13}, 2\})$	11184832
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3, 2^{14}\})$	11008
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^4, 2^{10}\})$	87296
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^7, 2^6\})$	699136
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^{10}, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^4, 4^7, 3, 2^{11}\})$	44032
12	$\mathcal{O}(0; \{12^3, 6^4, 4^7, 3^4, 2^7\})$	349184
12	$\mathcal{O}(0; \{12^3, 6^4, 4^7, 3^7, 2^3\})$	2796544
12	$\mathcal{O}(0; \{12^3, 6^4, 4^9, 3, 2^8\})$	176128
12	$\mathcal{O}(0; \{12^3, 6^4, 4^9, 3^4, 2^4\})$	1396736
12	$\mathcal{O}(0; \{12^3, 6^4, 4^9, 3^7\})$	11186176
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{11}, 3, 2^5\})$	704512
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{11}, 3^4, 2\})$	5586944
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{13}, 3, 2^2\})$	2818048
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^2, 2^{17}\})$	2736
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^5, 2^{13}\})$	21840
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^8, 2^9\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^{11}, 2^5\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^{14}, 2\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^2, 2^{14}\})$	10944
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^5, 2^{10}\})$	87360
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^8, 2^6\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^{11}, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 3^2, 2^{11}\})$	43776
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 3^5, 2^7\})$	349440
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 3^8, 2^3\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^5, 4^7, 3^2, 2^8\})$	175104
12	$\mathcal{O}(0; \{12^3, 6^5, 4^7, 3^5, 2^4\})$	1397760
12	$\mathcal{O}(0; \{12^3, 6^5, 4^7, 3^8\})$	11185152
12	$\mathcal{O}(0; \{12^3, 6^5, 4^9, 3^2, 2^5\})$	700416
12	$\mathcal{O}(0; \{12^3, 6^5, 4^9, 3^5, 2\})$	5591040
12	$\mathcal{O}(0; \{12^3, 6^5, 4^{11}, 3^2, 2^2\})$	2801664
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 2^{18}\})$	1360
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^3, 2^{14}\})$	10928
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^6, 2^{10}\})$	87376
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^9, 2^6\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^{12}, 2^2\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 2^{15}\})$	5440
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3^3, 2^{11}\})$	43712

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3^6, 2^7\})$	349504
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3^9, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^6, 4^5, 2^{12}\})$	21760
12	$\mathcal{O}(0; \{12^3, 6^6, 4^5, 3^3, 2^8\})$	174848
12	$\mathcal{O}(0; \{12^3, 6^6, 4^5, 3^6, 2^4\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^6, 4^5, 3^9\})$	11184896
12	$\mathcal{O}(0; \{12^3, 6^6, 4^7, 2^9\})$	87040
12	$\mathcal{O}(0; \{12^3, 6^6, 4^7, 3^3, 2^5\})$	699392
12	$\mathcal{O}(0; \{12^3, 6^6, 4^7, 3^6, 2\})$	5592064
12	$\mathcal{O}(0; \{12^3, 6^6, 4^9, 2^6\})$	348160
12	$\mathcal{O}(0; \{12^3, 6^6, 4^9, 3^3, 2^2\})$	2797568
12	$\mathcal{O}(0; \{12^3, 6^6, 4^{11}, 2^3\})$	1392640
12	$\mathcal{O}(0; \{12^3, 6^6, 4^{13}\})$	5570560
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3, 2^{15}\})$	5456
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^4, 2^{11}\})$	43696
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^7, 2^7\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^{10}, 2^3\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 3, 2^{12}\})$	21824
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 3^4, 2^8\})$	174784
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 3^7, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 3^{10}\})$	11184832
12	$\mathcal{O}(0; \{12^3, 6^7, 4^5, 3, 2^9\})$	87296
12	$\mathcal{O}(0; \{12^3, 6^7, 4^5, 3^4, 2^5\})$	699136
12	$\mathcal{O}(0; \{12^3, 6^7, 4^5, 3^7, 2\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^7, 4^7, 3, 2^6\})$	349184
12	$\mathcal{O}(0; \{12^3, 6^7, 4^7, 3^4, 2^2\})$	2796544
12	$\mathcal{O}(0; \{12^3, 6^7, 4^9, 3, 2^3\})$	1396736
12	$\mathcal{O}(0; \{12^3, 6^7, 4^{11}, 3\})$	5586944
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3^2, 2^{12}\})$	21840
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3^5, 2^8\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3^8, 2^4\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3^{11}\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6^8, 4^3, 3^2, 2^9\})$	87360
12	$\mathcal{O}(0; \{12^3, 6^8, 4^3, 3^5, 2^5\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^8, 4^3, 3^8, 2\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^8, 4^5, 3^2, 2^6\})$	349440
12	$\mathcal{O}(0; \{12^3, 6^8, 4^5, 3^5, 2^2\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^8, 4^7, 3^2, 2^3\})$	1397760
12	$\mathcal{O}(0; \{12^3, 6^8, 4^9, 3^2\})$	5591040
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 2^{13}\})$	10928
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 3^3, 2^9\})$	87376
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 3^6, 2^5\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 3^9, 2\})$	5592400

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^9, 4^3, 2^{10}\})$	43712
12	$\mathcal{O}(0; \{12^3, 6^9, 4^3, 3^3, 2^6\})$	349504
12	$\mathcal{O}(0; \{12^3, 6^9, 4^3, 3^6, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^9, 4^5, 2^7\})$	174848
12	$\mathcal{O}(0; \{12^3, 6^9, 4^5, 3^3, 2^3\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^9, 4^7, 2^4\})$	699392
12	$\mathcal{O}(0; \{12^3, 6^9, 4^7, 3^3\})$	5592064
12	$\mathcal{O}(0; \{12^3, 6^9, 4^9, 2\})$	2797568
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4, 3, 2^{10}\})$	43696
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4, 3^4, 2^6\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4, 3^7, 2^2\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^3, 3, 2^7\})$	174784
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^3, 3^4, 2^3\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^5, 3, 2^4\})$	699136
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^5, 3^4\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^7, 3, 2\})$	2796544
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4, 3^2, 2^7\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4, 3^5, 2^3\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^3, 3^2, 2^4\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^3, 3^5\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^5, 3^2, 2\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4, 2^8\})$	87376
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4, 3^3, 2^4\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4, 3^6\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4^3, 2^5\})$	349504
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4^3, 3^3, 2\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4^5, 2^2\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4, 3, 2^5\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4, 3^4, 2\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4^3, 3, 2^2\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^{14}, 4, 3^2, 2^2\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^{15}, 4, 2^3\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^{15}, 4^3\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^{16}, 4, 3\})$	2796208
12	$\mathcal{O}(0; \{12^4, 3^2, 2^{25}\})$	176
12	$\mathcal{O}(0; \{12^4, 3^5, 2^{21}\})$	1360
12	$\mathcal{O}(0; \{12^4, 3^8, 2^{17}\})$	10928
12	$\mathcal{O}(0; \{12^4, 3^{11}, 2^{13}\})$	87376
12	$\mathcal{O}(0; \{12^4, 3^{14}, 2^9\})$	699056
12	$\mathcal{O}(0; \{12^4, 3^{17}, 2^5\})$	5592400
12	$\mathcal{O}(0; \{12^4, 3^{20}, 2\})$	44739248
12	$\mathcal{O}(0; \{12^4, 4^2, 3^2, 2^{22}\})$	704
12	$\mathcal{O}(0; \{12^4, 4^2, 3^5, 2^{18}\})$	5440

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 4^2, 3^8, 2^{14}\})$	43712
12	$\mathcal{O}(0; \{12^4, 4^2, 3^{11}, 2^{10}\})$	349504
12	$\mathcal{O}(0; \{12^4, 4^2, 3^{14}, 2^6\})$	2796224
12	$\mathcal{O}(0; \{12^4, 4^2, 3^{17}, 2^2\})$	22369600
12	$\mathcal{O}(0; \{12^4, 4^4, 3^2, 2^{19}\})$	2816
12	$\mathcal{O}(0; \{12^4, 4^4, 3^5, 2^{15}\})$	21760
12	$\mathcal{O}(0; \{12^4, 4^4, 3^8, 2^{11}\})$	174848
12	$\mathcal{O}(0; \{12^4, 4^4, 3^{11}, 2^7\})$	1398016
12	$\mathcal{O}(0; \{12^4, 4^4, 3^{14}, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^4, 4^6, 3^2, 2^{16}\})$	11264
12	$\mathcal{O}(0; \{12^4, 4^6, 3^5, 2^{12}\})$	87040
12	$\mathcal{O}(0; \{12^4, 4^6, 3^8, 2^8\})$	699392
12	$\mathcal{O}(0; \{12^4, 4^6, 3^{11}, 2^4\})$	5592064
12	$\mathcal{O}(0; \{12^4, 4^6, 3^{14}\})$	44739584
12	$\mathcal{O}(0; \{12^4, 4^8, 3^2, 2^{13}\})$	45056
12	$\mathcal{O}(0; \{12^4, 4^8, 3^5, 2^9\})$	348160
12	$\mathcal{O}(0; \{12^4, 4^8, 3^8, 2^5\})$	2797568
12	$\mathcal{O}(0; \{12^4, 4^8, 3^{11}, 2\})$	22368256
12	$\mathcal{O}(0; \{12^4, 4^{10}, 3^2, 2^{10}\})$	180224
12	$\mathcal{O}(0; \{12^4, 4^{10}, 3^5, 2^6\})$	1392640
12	$\mathcal{O}(0; \{12^4, 4^{10}, 3^8, 2^2\})$	11190272
12	$\mathcal{O}(0; \{12^4, 4^{12}, 3^2, 2^7\})$	720896
12	$\mathcal{O}(0; \{12^4, 4^{12}, 3^5, 2^3\})$	5570560
12	$\mathcal{O}(0; \{12^4, 4^{14}, 3^2, 2^4\})$	2883584
12	$\mathcal{O}(0; \{12^4, 4^{14}, 3^5\})$	22282240
12	$\mathcal{O}(0; \{12^4, 4^{16}, 3^2, 2\})$	11534336
12	$\mathcal{O}(0; \{12^4, 6, 2^{26}\})$	80
12	$\mathcal{O}(0; \{12^4, 6, 3^3, 2^{22}\})$	688
12	$\mathcal{O}(0; \{12^4, 6, 3^6, 2^{18}\})$	5456
12	$\mathcal{O}(0; \{12^4, 6, 3^9, 2^{14}\})$	43696
12	$\mathcal{O}(0; \{12^4, 6, 3^{12}, 2^{10}\})$	349520
12	$\mathcal{O}(0; \{12^4, 6, 3^{15}, 2^6\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6, 3^{18}, 2^2\})$	22369616
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 2^{23}\})$	320
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^3, 2^{19}\})$	2752
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^6, 2^{15}\})$	21824
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^9, 2^{11}\})$	174784
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^{12}, 2^7\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^{15}, 2^3\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 2^{20}\})$	1280
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^3, 2^{16}\})$	11008
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^6, 2^{12}\})$	87296
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^9, 2^8\})$	699136

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^{12}, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^{15}\})$	44739328
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 2^{17}\})$	5120
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^3, 2^{13}\})$	44032
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^6, 2^9\})$	349184
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^9, 2^5\})$	2796544
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^{12}, 2\})$	22369280
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 2^{14}\})$	20480
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3^3, 2^{10}\})$	176128
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3^6, 2^6\})$	1396736
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3^9, 2^2\})$	11186176
12	$\mathcal{O}(0; \{12^4, 6, 4^{10}, 2^{11}\})$	81920
12	$\mathcal{O}(0; \{12^4, 6, 4^{10}, 3^3, 2^7\})$	704512
12	$\mathcal{O}(0; \{12^4, 6, 4^{10}, 3^6, 2^3\})$	5586944
12	$\mathcal{O}(0; \{12^4, 6, 4^{12}, 2^8\})$	327680
12	$\mathcal{O}(0; \{12^4, 6, 4^{12}, 3^3, 2^4\})$	2818048
12	$\mathcal{O}(0; \{12^4, 6, 4^{12}, 3^6\})$	22347776
12	$\mathcal{O}(0; \{12^4, 6, 4^{14}, 2^5\})$	1310720
12	$\mathcal{O}(0; \{12^4, 6, 4^{14}, 3^3, 2\})$	11272192
12	$\mathcal{O}(0; \{12^4, 6, 4^{16}, 2^2\})$	5242880
12	$\mathcal{O}(0; \{12^4, 6^2, 3, 2^{23}\})$	336
12	$\mathcal{O}(0; \{12^4, 6^2, 3^4, 2^{19}\})$	2736
12	$\mathcal{O}(0; \{12^4, 6^2, 3^7, 2^{15}\})$	21840
12	$\mathcal{O}(0; \{12^4, 6^2, 3^{10}, 2^{11}\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^2, 3^{13}, 2^7\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^2, 3^{16}, 2^3\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3, 2^{20}\})$	1344
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^4, 2^{16}\})$	10944
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^7, 2^{12}\})$	87360
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^{10}, 2^8\})$	699072
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^{13}, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^{16}\})$	44739264
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3, 2^{17}\})$	5376
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^4, 2^{13}\})$	43776
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^7, 2^9\})$	349440
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^{10}, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^{13}, 2\})$	22369536
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3, 2^{14}\})$	21504
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^4, 2^{10}\})$	175104
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^7, 2^6\})$	1397760
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^{10}, 2^2\})$	11185152
12	$\mathcal{O}(0; \{12^4, 6^2, 4^8, 3, 2^{11}\})$	86016
12	$\mathcal{O}(0; \{12^4, 6^2, 4^8, 3^4, 2^7\})$	700416

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^2, 4^8, 3^7, 2^3\})$	5591040
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{10}, 3, 2^8\})$	344064
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{10}, 3^4, 2^4\})$	2801664
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{10}, 3^7\})$	22364160
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{12}, 3, 2^5\})$	1376256
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{12}, 3^4, 2\})$	11206656
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{14}, 3, 2^2\})$	5505024
12	$\mathcal{O}(0; \{12^4, 6^3, 3^2, 2^{20}\})$	1360
12	$\mathcal{O}(0; \{12^4, 6^3, 3^5, 2^{16}\})$	10928
12	$\mathcal{O}(0; \{12^4, 6^3, 3^8, 2^{12}\})$	87376
12	$\mathcal{O}(0; \{12^4, 6^3, 3^{11}, 2^8\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^3, 3^{14}, 2^4\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^3, 3^{17}\})$	44739248
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^2, 2^{17}\})$	5440
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^5, 2^{13}\})$	43712
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^8, 2^9\})$	349504
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^{11}, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^{14}, 2\})$	22369600
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^2, 2^{14}\})$	21760
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^5, 2^{10}\})$	174848
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^8, 2^6\})$	1398016
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^{11}, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 3^2, 2^{11}\})$	87040
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 3^5, 2^7\})$	699392
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 3^8, 2^3\})$	5592064
12	$\mathcal{O}(0; \{12^4, 6^3, 4^8, 3^2, 2^8\})$	348160
12	$\mathcal{O}(0; \{12^4, 6^3, 4^8, 3^5, 2^4\})$	2797568
12	$\mathcal{O}(0; \{12^4, 6^3, 4^8, 3^8\})$	22368256
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{10}, 3^2, 2^5\})$	1392640
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{10}, 3^5, 2\})$	11190272
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{12}, 3^2, 2^2\})$	5570560
12	$\mathcal{O}(0; \{12^4, 6^4, 2^{21}\})$	688
12	$\mathcal{O}(0; \{12^4, 6^4, 3^3, 2^{17}\})$	5456
12	$\mathcal{O}(0; \{12^4, 6^4, 3^6, 2^{13}\})$	43696
12	$\mathcal{O}(0; \{12^4, 6^4, 3^9, 2^9\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^4, 3^{12}, 2^5\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^4, 3^{15}, 2\})$	22369616
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 2^{18}\})$	2752
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^3, 2^{14}\})$	21824
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^6, 2^{10}\})$	174784
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^9, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^{12}, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 2^{15}\})$	11008

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3^3, 2^{11}\})$	87296
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3^6, 2^7\})$	699136
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3^9, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^4, 4^6, 2^{12}\})$	44032
12	$\mathcal{O}(0; \{12^4, 6^4, 4^6, 3^3, 2^8\})$	349184
12	$\mathcal{O}(0; \{12^4, 6^4, 4^6, 3^6, 2^4\})$	2796544
12	$\mathcal{O}(0; \{12^4, 6^4, 4^6, 3^9\})$	22369280
12	$\mathcal{O}(0; \{12^4, 6^4, 4^8, 2^9\})$	176128
12	$\mathcal{O}(0; \{12^4, 6^4, 4^8, 3^3, 2^5\})$	1396736
12	$\mathcal{O}(0; \{12^4, 6^4, 4^8, 3^6, 2\})$	11186176
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{10}, 2^6\})$	704512
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{10}, 3^3, 2^2\})$	5586944
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{12}, 2^3\})$	2818048
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{14}\})$	11272192
12	$\mathcal{O}(0; \{12^4, 6^5, 3, 2^{18}\})$	2736
12	$\mathcal{O}(0; \{12^4, 6^5, 3^4, 2^{14}\})$	21840
12	$\mathcal{O}(0; \{12^4, 6^5, 3^7, 2^{10}\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^5, 3^{10}, 2^6\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^5, 3^{13}, 2^2\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3, 2^{15}\})$	10944
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^4, 2^{11}\})$	87360
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^7, 2^7\})$	699072
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^{10}, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 3, 2^{12}\})$	43776
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 3^4, 2^8\})$	349440
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 3^7, 2^4\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 3^{10}\})$	22369536
12	$\mathcal{O}(0; \{12^4, 6^5, 4^6, 3, 2^9\})$	175104
12	$\mathcal{O}(0; \{12^4, 6^5, 4^6, 3^4, 2^5\})$	1397760
12	$\mathcal{O}(0; \{12^4, 6^5, 4^6, 3^7, 2\})$	11185152
12	$\mathcal{O}(0; \{12^4, 6^5, 4^8, 3, 2^6\})$	700416
12	$\mathcal{O}(0; \{12^4, 6^5, 4^8, 3^4, 2^2\})$	5591040
12	$\mathcal{O}(0; \{12^4, 6^5, 4^{10}, 3, 2^3\})$	2801664
12	$\mathcal{O}(0; \{12^4, 6^5, 4^{12}, 3\})$	11206656
12	$\mathcal{O}(0; \{12^4, 6^6, 3^2, 2^{15}\})$	10928
12	$\mathcal{O}(0; \{12^4, 6^6, 3^5, 2^{11}\})$	87376
12	$\mathcal{O}(0; \{12^4, 6^6, 3^8, 2^7\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^6, 3^{11}, 2^3\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3^2, 2^{12}\})$	43712
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3^5, 2^8\})$	349504
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3^8, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3^{11}\})$	22369600
12	$\mathcal{O}(0; \{12^4, 6^6, 4^4, 3^2, 2^9\})$	174848

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^6, 4^4, 3^5, 2^5\})$	1398016
12	$\mathcal{O}(0; \{12^4, 6^6, 4^4, 3^8, 2\})$	11184896
12	$\mathcal{O}(0; \{12^4, 6^6, 4^6, 3^2, 2^6\})$	699392
12	$\mathcal{O}(0; \{12^4, 6^6, 4^6, 3^5, 2^2\})$	5592064
12	$\mathcal{O}(0; \{12^4, 6^6, 4^8, 3^2, 2^3\})$	2797568
12	$\mathcal{O}(0; \{12^4, 6^6, 4^{10}, 3^2\})$	11190272
12	$\mathcal{O}(0; \{12^4, 6^7, 2^{16}\})$	5456
12	$\mathcal{O}(0; \{12^4, 6^7, 3^3, 2^{12}\})$	43696
12	$\mathcal{O}(0; \{12^4, 6^7, 3^6, 2^8\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^7, 3^9, 2^4\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^7, 3^{12}\})$	22369616
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 2^{13}\})$	21824
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 3^3, 2^9\})$	174784
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 3^6, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 3^9, 2\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^7, 4^4, 2^{10}\})$	87296
12	$\mathcal{O}(0; \{12^4, 6^7, 4^4, 3^3, 2^6\})$	699136
12	$\mathcal{O}(0; \{12^4, 6^7, 4^4, 3^6, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^7, 4^6, 2^7\})$	349184
12	$\mathcal{O}(0; \{12^4, 6^7, 4^6, 3^3, 2^3\})$	2796544
12	$\mathcal{O}(0; \{12^4, 6^7, 4^8, 2^4\})$	1396736
12	$\mathcal{O}(0; \{12^4, 6^7, 4^8, 3^3\})$	11186176
12	$\mathcal{O}(0; \{12^4, 6^7, 4^{10}, 2\})$	5586944
12	$\mathcal{O}(0; \{12^4, 6^8, 3, 2^{13}\})$	21840
12	$\mathcal{O}(0; \{12^4, 6^8, 3^4, 2^9\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^8, 3^7, 2^5\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^8, 3^{10}, 2\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^8, 4^2, 3, 2^{10}\})$	87360
12	$\mathcal{O}(0; \{12^4, 6^8, 4^2, 3^4, 2^6\})$	699072
12	$\mathcal{O}(0; \{12^4, 6^8, 4^2, 3^7, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^8, 4^4, 3, 2^7\})$	349440
12	$\mathcal{O}(0; \{12^4, 6^8, 4^4, 3^4, 2^3\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6^8, 4^6, 3, 2^4\})$	1397760
12	$\mathcal{O}(0; \{12^4, 6^8, 4^6, 3^4\})$	11185152
12	$\mathcal{O}(0; \{12^4, 6^8, 4^8, 3, 2\})$	5591040
12	$\mathcal{O}(0; \{12^4, 6^9, 3^2, 2^{10}\})$	87376
12	$\mathcal{O}(0; \{12^4, 6^9, 3^5, 2^6\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^9, 3^8, 2^2\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^9, 4^2, 3^2, 2^7\})$	349504
12	$\mathcal{O}(0; \{12^4, 6^9, 4^2, 3^5, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^9, 4^4, 3^2, 2^4\})$	1398016
12	$\mathcal{O}(0; \{12^4, 6^9, 4^4, 3^5\})$	11184896
12	$\mathcal{O}(0; \{12^4, 6^9, 4^6, 3^2, 2\})$	5592064

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^{10}, 2^{11}\})$	43696
12	$\mathcal{O}(0; \{12^4, 6^{10}, 3^3, 2^7\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^{10}, 3^6, 2^3\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^2, 2^8\})$	174784
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^2, 3^3, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^2, 3^6\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^4, 2^5\})$	699136
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^4, 3^3, 2\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^6, 2^2\})$	2796544
12	$\mathcal{O}(0; \{12^4, 6^{11}, 3, 2^8\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^{11}, 3^4, 2^4\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^{11}, 3^7\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^2, 3, 2^5\})$	699072
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^2, 3^4, 2\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^4, 3, 2^2\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6^{12}, 3^2, 2^5\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^{12}, 3^5, 2\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^{12}, 4^2, 3^2, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^{13}, 2^6\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^{13}, 3^3, 2^2\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^{13}, 4^2, 2^3\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^{13}, 4^4\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^{14}, 3, 2^3\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^{14}, 4^2, 3\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^{15}, 3^2\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^{16}, 2\})$	2796208
12	$\mathcal{O}(0; \{12^5, 4, 3, 2^{23}\})$	704
12	$\mathcal{O}(0; \{12^5, 4, 3^4, 2^{19}\})$	5440
12	$\mathcal{O}(0; \{12^5, 4, 3^7, 2^{15}\})$	43712
12	$\mathcal{O}(0; \{12^5, 4, 3^{10}, 2^{11}\})$	349504
12	$\mathcal{O}(0; \{12^5, 4, 3^{13}, 2^7\})$	2796224
12	$\mathcal{O}(0; \{12^5, 4, 3^{16}, 2^3\})$	22369600
12	$\mathcal{O}(0; \{12^5, 4^3, 3, 2^{20}\})$	2816
12	$\mathcal{O}(0; \{12^5, 4^3, 3^4, 2^{16}\})$	21760
12	$\mathcal{O}(0; \{12^5, 4^3, 3^7, 2^{12}\})$	174848
12	$\mathcal{O}(0; \{12^5, 4^3, 3^{10}, 2^8\})$	1398016
12	$\mathcal{O}(0; \{12^5, 4^3, 3^{13}, 2^4\})$	11184896
12	$\mathcal{O}(0; \{12^5, 4^3, 3^{16}\})$	89478400
12	$\mathcal{O}(0; \{12^5, 4^5, 3, 2^{17}\})$	11264
12	$\mathcal{O}(0; \{12^5, 4^5, 3^4, 2^{13}\})$	87040
12	$\mathcal{O}(0; \{12^5, 4^5, 3^7, 2^9\})$	699392
12	$\mathcal{O}(0; \{12^5, 4^5, 3^{10}, 2^5\})$	5592064
12	$\mathcal{O}(0; \{12^5, 4^5, 3^{13}, 2\})$	44739584

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 4^7, 3, 2^{14}\})$	45056
12	$\mathcal{O}(0; \{12^5, 4^7, 3^4, 2^{10}\})$	348160
12	$\mathcal{O}(0; \{12^5, 4^7, 3^7, 2^6\})$	2797568
12	$\mathcal{O}(0; \{12^5, 4^7, 3^{10}, 2^2\})$	22368256
12	$\mathcal{O}(0; \{12^5, 4^9, 3, 2^{11}\})$	180224
12	$\mathcal{O}(0; \{12^5, 4^9, 3^4, 2^7\})$	1392640
12	$\mathcal{O}(0; \{12^5, 4^9, 3^7, 2^3\})$	11190272
12	$\mathcal{O}(0; \{12^5, 4^{11}, 3, 2^8\})$	720896
12	$\mathcal{O}(0; \{12^5, 4^{11}, 3^4, 2^4\})$	5570560
12	$\mathcal{O}(0; \{12^5, 4^{11}, 3^7\})$	44761088
12	$\mathcal{O}(0; \{12^5, 4^{13}, 3, 2^5\})$	2883584
12	$\mathcal{O}(0; \{12^5, 4^{13}, 3^4, 2\})$	22282240
12	$\mathcal{O}(0; \{12^5, 4^{15}, 3, 2^2\})$	11534336
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^2, 2^{20}\})$	2752
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^5, 2^{16}\})$	21824
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^8, 2^{12}\})$	174784
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^{11}, 2^8\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^{14}, 2^4\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^{17}\})$	89478464
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^2, 2^{17}\})$	11008
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^5, 2^{13}\})$	87296
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^8, 2^9\})$	699136
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^{11}, 2^5\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^{14}, 2\})$	44739328
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^2, 2^{14}\})$	44032
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^5, 2^{10}\})$	349184
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^8, 2^6\})$	2796544
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^{11}, 2^2\})$	22369280
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 3^2, 2^{11}\})$	176128
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 3^5, 2^7\})$	1396736
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 3^8, 2^3\})$	11186176
12	$\mathcal{O}(0; \{12^5, 6, 4^9, 3^2, 2^8\})$	704512
12	$\mathcal{O}(0; \{12^5, 6, 4^9, 3^5, 2^4\})$	5586944
12	$\mathcal{O}(0; \{12^5, 6, 4^9, 3^8\})$	44744704
12	$\mathcal{O}(0; \{12^5, 6, 4^{11}, 3^2, 2^5\})$	2818048
12	$\mathcal{O}(0; \{12^5, 6, 4^{11}, 3^5, 2\})$	22347776
12	$\mathcal{O}(0; \{12^5, 6, 4^{13}, 3^2, 2^2\})$	11272192
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 2^{21}\})$	1344
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^3, 2^{17}\})$	10944
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^6, 2^{13}\})$	87360
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^9, 2^9\})$	699072
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^{12}, 2^5\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^{15}, 2\})$	44739264

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 2^{18}\})$	5376
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^3, 2^{14}\})$	43776
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^6, 2^{10}\})$	349440
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^9, 2^6\})$	2796288
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^{12}, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 2^{15}\})$	21504
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3^3, 2^{11}\})$	175104
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3^6, 2^7\})$	1397760
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3^9, 2^3\})$	11185152
12	$\mathcal{O}(0; \{12^5, 6^2, 4^7, 2^{12}\})$	86016
12	$\mathcal{O}(0; \{12^5, 6^2, 4^7, 3^3, 2^8\})$	700416
12	$\mathcal{O}(0; \{12^5, 6^2, 4^7, 3^6, 2^4\})$	5591040
12	$\mathcal{O}(0; \{12^5, 6^2, 4^7, 3^9\})$	44740608
12	$\mathcal{O}(0; \{12^5, 6^2, 4^9, 2^9\})$	344064
12	$\mathcal{O}(0; \{12^5, 6^2, 4^9, 3^3, 2^5\})$	2801664
12	$\mathcal{O}(0; \{12^5, 6^2, 4^9, 3^6, 2\})$	22364160
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{11}, 2^6\})$	1376256
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{11}, 3^3, 2^2\})$	11206656
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{13}, 2^3\})$	5505024
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{15}\})$	22020096
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3, 2^{18}\})$	5440
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^4, 2^{14}\})$	43712
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^7, 2^{10}\})$	349504
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^{10}, 2^6\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^{13}, 2^2\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3, 2^{15}\})$	21760
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^4, 2^{11}\})$	174848
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^7, 2^7\})$	1398016
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^{10}, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 3, 2^{12}\})$	87040
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 3^4, 2^8\})$	699392
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 3^7, 2^4\})$	5592064
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 3^{10}\})$	44739584
12	$\mathcal{O}(0; \{12^5, 6^3, 4^7, 3, 2^9\})$	348160
12	$\mathcal{O}(0; \{12^5, 6^3, 4^7, 3^4, 2^5\})$	2797568
12	$\mathcal{O}(0; \{12^5, 6^3, 4^7, 3^7, 2\})$	22368256
12	$\mathcal{O}(0; \{12^5, 6^3, 4^9, 3, 2^6\})$	1392640
12	$\mathcal{O}(0; \{12^5, 6^3, 4^9, 3^4, 2^2\})$	11190272
12	$\mathcal{O}(0; \{12^5, 6^3, 4^{11}, 3, 2^3\})$	5570560
12	$\mathcal{O}(0; \{12^5, 6^3, 4^{13}, 3\})$	22282240
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^2, 2^{15}\})$	21824
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^5, 2^{11}\})$	174784
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^8, 2^7\})$	1398080

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^{11}, 2^3\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3^2, 2^{12}\})$	87296
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3^5, 2^8\})$	699136
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3^8, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3^{11}\})$	44739328
12	$\mathcal{O}(0; \{12^5, 6^4, 4^5, 3^2, 2^9\})$	349184
12	$\mathcal{O}(0; \{12^5, 6^4, 4^5, 3^5, 2^5\})$	2796544
12	$\mathcal{O}(0; \{12^5, 6^4, 4^5, 3^8, 2\})$	22369280
12	$\mathcal{O}(0; \{12^5, 6^4, 4^7, 3^2, 2^6\})$	1396736
12	$\mathcal{O}(0; \{12^5, 6^4, 4^7, 3^5, 2^2\})$	11186176
12	$\mathcal{O}(0; \{12^5, 6^4, 4^9, 3^2, 2^3\})$	5586944
12	$\mathcal{O}(0; \{12^5, 6^4, 4^{11}, 3^2\})$	22347776
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 2^{16}\})$	10944
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^3, 2^{12}\})$	87360
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^6, 2^8\})$	699072
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^9, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^{12}\})$	44739264
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 2^{13}\})$	43776
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 3^3, 2^9\})$	349440
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 3^6, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 3^9, 2\})$	22369536
12	$\mathcal{O}(0; \{12^5, 6^5, 4^5, 2^{10}\})$	175104
12	$\mathcal{O}(0; \{12^5, 6^5, 4^5, 3^3, 2^6\})$	1397760
12	$\mathcal{O}(0; \{12^5, 6^5, 4^5, 3^6, 2^2\})$	11185152
12	$\mathcal{O}(0; \{12^5, 6^5, 4^7, 2^7\})$	700416
12	$\mathcal{O}(0; \{12^5, 6^5, 4^7, 3^3, 2^3\})$	5591040
12	$\mathcal{O}(0; \{12^5, 6^5, 4^9, 2^4\})$	2801664
12	$\mathcal{O}(0; \{12^5, 6^5, 4^9, 3^3\})$	22364160
12	$\mathcal{O}(0; \{12^5, 6^5, 4^{11}, 2\})$	11206656
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3, 2^{13}\})$	43712
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3^4, 2^9\})$	349504
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3^7, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3^{10}, 2\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6^6, 4^3, 3, 2^{10}\})$	174848
12	$\mathcal{O}(0; \{12^5, 6^6, 4^3, 3^4, 2^6\})$	1398016
12	$\mathcal{O}(0; \{12^5, 6^6, 4^3, 3^7, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^6, 4^5, 3, 2^7\})$	699392
12	$\mathcal{O}(0; \{12^5, 6^6, 4^5, 3^4, 2^3\})$	5592064
12	$\mathcal{O}(0; \{12^5, 6^6, 4^7, 3, 2^4\})$	2797568
12	$\mathcal{O}(0; \{12^5, 6^6, 4^7, 3^4\})$	22368256
12	$\mathcal{O}(0; \{12^5, 6^6, 4^9, 3, 2\})$	11190272
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 3^2, 2^{10}\})$	174784
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 3^5, 2^6\})$	1398080

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 3^8, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^7, 4^3, 3^2, 2^7\})$	699136
12	$\mathcal{O}(0; \{12^5, 6^7, 4^3, 3^5, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^7, 4^5, 3^2, 2^4\})$	2796544
12	$\mathcal{O}(0; \{12^5, 6^7, 4^5, 3^5\})$	22369280
12	$\mathcal{O}(0; \{12^5, 6^7, 4^7, 3^2, 2\})$	11186176
12	$\mathcal{O}(0; \{12^5, 6^8, 4, 2^{11}\})$	87360
12	$\mathcal{O}(0; \{12^5, 6^8, 4, 3^3, 2^7\})$	699072
12	$\mathcal{O}(0; \{12^5, 6^8, 4, 3^6, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^8, 4^3, 2^8\})$	349440
12	$\mathcal{O}(0; \{12^5, 6^8, 4^3, 3^3, 2^4\})$	2796288
12	$\mathcal{O}(0; \{12^5, 6^8, 4^3, 3^6\})$	22369536
12	$\mathcal{O}(0; \{12^5, 6^8, 4^5, 2^5\})$	1397760
12	$\mathcal{O}(0; \{12^5, 6^8, 4^5, 3^3, 2\})$	11185152
12	$\mathcal{O}(0; \{12^5, 6^8, 4^7, 2^2\})$	5591040
12	$\mathcal{O}(0; \{12^5, 6^9, 4, 3, 2^8\})$	349504
12	$\mathcal{O}(0; \{12^5, 6^9, 4, 3^4, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^9, 4, 3^7\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6^9, 4^3, 3, 2^5\})$	1398016
12	$\mathcal{O}(0; \{12^5, 6^9, 4^3, 3^4, 2\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^9, 4^5, 3, 2^2\})$	5592064
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4, 3^2, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4, 3^5, 2\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4^3, 3^2, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4, 2^6\})$	699072
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4, 3^3, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4^3, 2^3\})$	2796288
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4^5\})$	11185152
12	$\mathcal{O}(0; \{12^5, 6^{12}, 4, 3, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^{12}, 4^3, 3\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^{13}, 4, 3^2\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^{14}, 4, 2\})$	5592384
12	$\mathcal{O}(0; \{12^6, 2^{24}\})$	704
12	$\mathcal{O}(0; \{12^6, 3^3, 2^{20}\})$	5440
12	$\mathcal{O}(0; \{12^6, 3^6, 2^{16}\})$	43712
12	$\mathcal{O}(0; \{12^6, 3^9, 2^{12}\})$	349504
12	$\mathcal{O}(0; \{12^6, 3^{12}, 2^8\})$	2796224
12	$\mathcal{O}(0; \{12^6, 3^{15}, 2^4\})$	22369600
12	$\mathcal{O}(0; \{12^6, 3^{18}\})$	178956992
12	$\mathcal{O}(0; \{12^6, 4^2, 2^{21}\})$	2816
12	$\mathcal{O}(0; \{12^6, 4^2, 3^3, 2^{17}\})$	21760
12	$\mathcal{O}(0; \{12^6, 4^2, 3^6, 2^{13}\})$	174848
12	$\mathcal{O}(0; \{12^6, 4^2, 3^9, 2^9\})$	1398016

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 4^2, 3^{12}, 2^5\})$	11184896
12	$\mathcal{O}(0; \{12^6, 4^2, 3^{15}, 2\})$	89478400
12	$\mathcal{O}(0; \{12^6, 4^4, 2^{18}\})$	11264
12	$\mathcal{O}(0; \{12^6, 4^4, 3^3, 2^{14}\})$	87040
12	$\mathcal{O}(0; \{12^6, 4^4, 3^6, 2^{10}\})$	699392
12	$\mathcal{O}(0; \{12^6, 4^4, 3^9, 2^6\})$	5592064
12	$\mathcal{O}(0; \{12^6, 4^4, 3^{12}, 2^2\})$	44739584
12	$\mathcal{O}(0; \{12^6, 4^6, 2^{15}\})$	45056
12	$\mathcal{O}(0; \{12^6, 4^6, 3^3, 2^{11}\})$	348160
12	$\mathcal{O}(0; \{12^6, 4^6, 3^6, 2^7\})$	2797568
12	$\mathcal{O}(0; \{12^6, 4^6, 3^9, 2^3\})$	22368256
12	$\mathcal{O}(0; \{12^6, 4^8, 2^{12}\})$	180224
12	$\mathcal{O}(0; \{12^6, 4^8, 3^3, 2^8\})$	1392640
12	$\mathcal{O}(0; \{12^6, 4^8, 3^6, 2^4\})$	11190272
12	$\mathcal{O}(0; \{12^6, 4^8, 3^9\})$	89473024
12	$\mathcal{O}(0; \{12^6, 4^{10}, 2^9\})$	720896
12	$\mathcal{O}(0; \{12^6, 4^{10}, 3^3, 2^5\})$	5570560
12	$\mathcal{O}(0; \{12^6, 4^{10}, 3^6, 2\})$	44761088
12	$\mathcal{O}(0; \{12^6, 4^{12}, 2^6\})$	2883584
12	$\mathcal{O}(0; \{12^6, 4^{12}, 3^3, 2^2\})$	22282240
12	$\mathcal{O}(0; \{12^6, 4^{14}, 2^3\})$	11534336
12	$\mathcal{O}(0; \{12^6, 4^{16}\})$	46137344
12	$\mathcal{O}(0; \{12^6, 6, 3, 2^{21}\})$	2752
12	$\mathcal{O}(0; \{12^6, 6, 3^4, 2^{17}\})$	21824
12	$\mathcal{O}(0; \{12^6, 6, 3^7, 2^{13}\})$	174784
12	$\mathcal{O}(0; \{12^6, 6, 3^{10}, 2^9\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6, 3^{13}, 2^5\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6, 3^{16}, 2\})$	89478464
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3, 2^{18}\})$	11008
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^4, 2^{14}\})$	87296
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^7, 2^{10}\})$	699136
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^{10}, 2^6\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^{13}, 2^2\})$	44739328
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3, 2^{15}\})$	44032
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^4, 2^{11}\})$	349184
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^7, 2^7\})$	2796544
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^{10}, 2^3\})$	22369280
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 3, 2^{12}\})$	176128
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 3^4, 2^8\})$	1396736
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 3^7, 2^4\})$	11186176
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 3^{10}\})$	89477120
12	$\mathcal{O}(0; \{12^6, 6, 4^8, 3, 2^9\})$	704512
12	$\mathcal{O}(0; \{12^6, 6, 4^8, 3^4, 2^5\})$	5586944

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6, 4^8, 3^7, 2\})$	44744704
12	$\mathcal{O}(0; \{12^6, 6, 4^{10}, 3, 2^6\})$	2818048
12	$\mathcal{O}(0; \{12^6, 6, 4^{10}, 3^4, 2^2\})$	22347776
12	$\mathcal{O}(0; \{12^6, 6, 4^{12}, 3, 2^3\})$	11272192
12	$\mathcal{O}(0; \{12^6, 6, 4^{14}, 3\})$	45088768
12	$\mathcal{O}(0; \{12^6, 6^2, 3^2, 2^{18}\})$	10944
12	$\mathcal{O}(0; \{12^6, 6^2, 3^5, 2^{14}\})$	87360
12	$\mathcal{O}(0; \{12^6, 6^2, 3^8, 2^{10}\})$	699072
12	$\mathcal{O}(0; \{12^6, 6^2, 3^{11}, 2^6\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^2, 3^{14}, 2^2\})$	44739264
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^2, 2^{15}\})$	43776
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^5, 2^{11}\})$	349440
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^8, 2^7\})$	2796288
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^{11}, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3^2, 2^{12}\})$	175104
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3^5, 2^8\})$	1397760
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3^8, 2^4\})$	11185152
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3^{11}\})$	89478144
12	$\mathcal{O}(0; \{12^6, 6^2, 4^6, 3^2, 2^9\})$	700416
12	$\mathcal{O}(0; \{12^6, 6^2, 4^6, 3^5, 2^5\})$	5591040
12	$\mathcal{O}(0; \{12^6, 6^2, 4^6, 3^8, 2\})$	44740608
12	$\mathcal{O}(0; \{12^6, 6^2, 4^8, 3^2, 2^6\})$	2801664
12	$\mathcal{O}(0; \{12^6, 6^2, 4^8, 3^5, 2^2\})$	22364160
12	$\mathcal{O}(0; \{12^6, 6^2, 4^{10}, 3^2, 2^3\})$	11206656
12	$\mathcal{O}(0; \{12^6, 6^2, 4^{12}, 3^2\})$	44826624
12	$\mathcal{O}(0; \{12^6, 6^3, 2^{19}\})$	5440
12	$\mathcal{O}(0; \{12^6, 6^3, 3^3, 2^{15}\})$	43712
12	$\mathcal{O}(0; \{12^6, 6^3, 3^6, 2^{11}\})$	349504
12	$\mathcal{O}(0; \{12^6, 6^3, 3^9, 2^7\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^3, 3^{12}, 2^3\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 2^{16}\})$	21760
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^3, 2^{12}\})$	174848
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^6, 2^8\})$	1398016
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^9, 2^4\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^{12}\})$	89478400
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 2^{13}\})$	87040
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 3^3, 2^9\})$	699392
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 3^6, 2^5\})$	5592064
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 3^9, 2\})$	44739584
12	$\mathcal{O}(0; \{12^6, 6^3, 4^6, 2^{10}\})$	348160
12	$\mathcal{O}(0; \{12^6, 6^3, 4^6, 3^3, 2^6\})$	2797568
12	$\mathcal{O}(0; \{12^6, 6^3, 4^6, 3^6, 2^2\})$	22368256
12	$\mathcal{O}(0; \{12^6, 6^3, 4^8, 2^7\})$	1392640

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6^3, 4^8, 3^3, 2^3\})$	11190272
12	$\mathcal{O}(0; \{12^6, 6^3, 4^{10}, 2^4\})$	5570560
12	$\mathcal{O}(0; \{12^6, 6^3, 4^{10}, 3^3\})$	44761088
12	$\mathcal{O}(0; \{12^6, 6^3, 4^{12}, 2\})$	22282240
12	$\mathcal{O}(0; \{12^6, 6^4, 3, 2^{16}\})$	21824
12	$\mathcal{O}(0; \{12^6, 6^4, 3^4, 2^{12}\})$	174784
12	$\mathcal{O}(0; \{12^6, 6^4, 3^7, 2^8\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6^4, 3^{10}, 2^4\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^4, 3^{13}\})$	89478464
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3, 2^{13}\})$	87296
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3^4, 2^9\})$	699136
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3^7, 2^5\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3^{10}, 2\})$	44739328
12	$\mathcal{O}(0; \{12^6, 6^4, 4^4, 3, 2^{10}\})$	349184
12	$\mathcal{O}(0; \{12^6, 6^4, 4^4, 3^4, 2^6\})$	2796544
12	$\mathcal{O}(0; \{12^6, 6^4, 4^4, 3^7, 2^2\})$	22369280
12	$\mathcal{O}(0; \{12^6, 6^4, 4^6, 3, 2^7\})$	1396736
12	$\mathcal{O}(0; \{12^6, 6^4, 4^6, 3^4, 2^3\})$	11186176
12	$\mathcal{O}(0; \{12^6, 6^4, 4^8, 3, 2^4\})$	5586944
12	$\mathcal{O}(0; \{12^6, 6^4, 4^8, 3^4\})$	44744704
12	$\mathcal{O}(0; \{12^6, 6^4, 4^{10}, 3, 2\})$	22347776
12	$\mathcal{O}(0; \{12^6, 6^5, 3^2, 2^{13}\})$	87360
12	$\mathcal{O}(0; \{12^6, 6^5, 3^5, 2^9\})$	699072
12	$\mathcal{O}(0; \{12^6, 6^5, 3^8, 2^5\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^5, 3^{11}, 2\})$	44739264
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 3^2, 2^{10}\})$	349440
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 3^5, 2^6\})$	2796288
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 3^8, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^5, 4^4, 3^2, 2^7\})$	1397760
12	$\mathcal{O}(0; \{12^6, 6^5, 4^4, 3^5, 2^3\})$	11185152
12	$\mathcal{O}(0; \{12^6, 6^5, 4^6, 3^2, 2^4\})$	5591040
12	$\mathcal{O}(0; \{12^6, 6^5, 4^6, 3^5\})$	44740608
12	$\mathcal{O}(0; \{12^6, 6^5, 4^8, 3^2, 2\})$	22364160
12	$\mathcal{O}(0; \{12^6, 6^6, 2^{14}\})$	43712
12	$\mathcal{O}(0; \{12^6, 6^6, 3^3, 2^{10}\})$	349504
12	$\mathcal{O}(0; \{12^6, 6^6, 3^6, 2^6\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^6, 3^9, 2^2\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^6, 4^2, 2^{11}\})$	174848
12	$\mathcal{O}(0; \{12^6, 6^6, 4^2, 3^3, 2^7\})$	1398016
12	$\mathcal{O}(0; \{12^6, 6^6, 4^2, 3^6, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^6, 4^4, 2^8\})$	699392
12	$\mathcal{O}(0; \{12^6, 6^6, 4^4, 3^3, 2^4\})$	5592064
12	$\mathcal{O}(0; \{12^6, 6^6, 4^4, 3^6\})$	44739584

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6^6, 4^6, 2^5\})$	2797568
12	$\mathcal{O}(0; \{12^6, 6^6, 4^6, 3^3, 2\})$	22368256
12	$\mathcal{O}(0; \{12^6, 6^6, 4^8, 2^2\})$	11190272
12	$\mathcal{O}(0; \{12^6, 6^7, 3, 2^{11}\})$	174784
12	$\mathcal{O}(0; \{12^6, 6^7, 3^4, 2^7\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6^7, 3^7, 2^3\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^7, 4^2, 3, 2^8\})$	699136
12	$\mathcal{O}(0; \{12^6, 6^7, 4^2, 3^4, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6^7, 4^2, 3^7\})$	44739328
12	$\mathcal{O}(0; \{12^6, 6^7, 4^4, 3, 2^5\})$	2796544
12	$\mathcal{O}(0; \{12^6, 6^7, 4^4, 3^4, 2\})$	22369280
12	$\mathcal{O}(0; \{12^6, 6^7, 4^6, 3, 2^2\})$	11186176
12	$\mathcal{O}(0; \{12^6, 6^8, 3^2, 2^8\})$	699072
12	$\mathcal{O}(0; \{12^6, 6^8, 3^5, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^8, 3^8\})$	44739264
12	$\mathcal{O}(0; \{12^6, 6^8, 4^2, 3^2, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12^6, 6^8, 4^2, 3^5, 2\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^8, 4^4, 3^2, 2^2\})$	11185152
12	$\mathcal{O}(0; \{12^6, 6^9, 2^9\})$	349504
12	$\mathcal{O}(0; \{12^6, 6^9, 3^3, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^9, 3^6, 2\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^9, 4^2, 2^6\})$	1398016
12	$\mathcal{O}(0; \{12^6, 6^9, 4^2, 3^3, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^9, 4^4, 2^3\})$	5592064
12	$\mathcal{O}(0; \{12^6, 6^9, 4^6\})$	22368256
12	$\mathcal{O}(0; \{12^6, 6^{10}, 3, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6^{10}, 3^4, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^{10}, 4^2, 3, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6^{10}, 4^4, 3\})$	22369280
12	$\mathcal{O}(0; \{12^6, 6^{11}, 3^2, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^{11}, 4^2, 3^2\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^{12}, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^{12}, 3^3\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^{12}, 4^2, 2\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^{13}, 3, 2\})$	11184832
12	$\mathcal{O}(0; \{12^7, 4, 3^2, 2^{18}\})$	21760
12	$\mathcal{O}(0; \{12^7, 4, 3^5, 2^{14}\})$	174848
12	$\mathcal{O}(0; \{12^7, 4, 3^8, 2^{10}\})$	1398016
12	$\mathcal{O}(0; \{12^7, 4, 3^{11}, 2^6\})$	11184896
12	$\mathcal{O}(0; \{12^7, 4, 3^{14}, 2^2\})$	89478400
12	$\mathcal{O}(0; \{12^7, 4^3, 3^2, 2^{15}\})$	87040
12	$\mathcal{O}(0; \{12^7, 4^3, 3^5, 2^{11}\})$	699392
12	$\mathcal{O}(0; \{12^7, 4^3, 3^8, 2^7\})$	5592064

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^7, 4^3, 3^{11}, 2^3\})$	44739584
12	$\mathcal{O}(0; \{12^7, 4^5, 3^2, 2^{12}\})$	348160
12	$\mathcal{O}(0; \{12^7, 4^5, 3^5, 2^8\})$	2797568
12	$\mathcal{O}(0; \{12^7, 4^5, 3^8, 2^4\})$	22368256
12	$\mathcal{O}(0; \{12^7, 4^5, 3^{11}\})$	178958336
12	$\mathcal{O}(0; \{12^7, 4^7, 3^2, 2^9\})$	1392640
12	$\mathcal{O}(0; \{12^7, 4^7, 3^5, 2^5\})$	11190272
12	$\mathcal{O}(0; \{12^7, 4^7, 3^8, 2\})$	89473024
12	$\mathcal{O}(0; \{12^7, 4^9, 3^2, 2^6\})$	5570560
12	$\mathcal{O}(0; \{12^7, 4^9, 3^5, 2^2\})$	44761088
12	$\mathcal{O}(0; \{12^7, 4^{11}, 3^2, 2^3\})$	22282240
12	$\mathcal{O}(0; \{12^7, 4^{13}, 3^2\})$	89128960
12	$\mathcal{O}(0; \{12^7, 6, 4, 2^{19}\})$	11008
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^3, 2^{15}\})$	87296
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^6, 2^{11}\})$	699136
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^9, 2^7\})$	5592320
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^{12}, 2^3\})$	44739328
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 2^{16}\})$	44032
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^3, 2^{12}\})$	349184
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^6, 2^8\})$	2796544
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^9, 2^4\})$	22369280
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^{12}\})$	178957312
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 2^{13}\})$	176128
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 3^3, 2^9\})$	1396736
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 3^6, 2^5\})$	11186176
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 3^9, 2\})$	89477120
12	$\mathcal{O}(0; \{12^7, 6, 4^7, 2^{10}\})$	704512
12	$\mathcal{O}(0; \{12^7, 6, 4^7, 3^3, 2^6\})$	5586944
12	$\mathcal{O}(0; \{12^7, 6, 4^7, 3^6, 2^2\})$	44744704
12	$\mathcal{O}(0; \{12^7, 6, 4^9, 2^7\})$	2818048
12	$\mathcal{O}(0; \{12^7, 6, 4^9, 3^3, 2^3\})$	22347776
12	$\mathcal{O}(0; \{12^7, 6, 4^{11}, 2^4\})$	11272192
12	$\mathcal{O}(0; \{12^7, 6, 4^{11}, 3^3\})$	89391104
12	$\mathcal{O}(0; \{12^7, 6, 4^{13}, 2\})$	45088768
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3, 2^{16}\})$	43776
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^4, 2^{12}\})$	349440
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^7, 2^8\})$	2796288
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^{10}, 2^4\})$	22369536
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^{13}\})$	178957056
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3, 2^{13}\})$	175104
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3^4, 2^9\})$	1397760
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3^7, 2^5\})$	11185152
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3^{10}, 2\})$	89478144

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^7, 6^2, 4^5, 3, 2^{10}\})$	700416
12	$\mathcal{O}(0; \{12^7, 6^2, 4^5, 3^4, 2^6\})$	5591040
12	$\mathcal{O}(0; \{12^7, 6^2, 4^5, 3^7, 2^2\})$	44740608
12	$\mathcal{O}(0; \{12^7, 6^2, 4^7, 3, 2^7\})$	2801664
12	$\mathcal{O}(0; \{12^7, 6^2, 4^7, 3^4, 2^3\})$	22364160
12	$\mathcal{O}(0; \{12^7, 6^2, 4^9, 3, 2^4\})$	11206656
12	$\mathcal{O}(0; \{12^7, 6^2, 4^9, 3^4\})$	89456640
12	$\mathcal{O}(0; \{12^7, 6^2, 4^{11}, 3, 2\})$	44826624
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^2, 2^{13}\})$	174848
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^5, 2^9\})$	1398016
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^8, 2^5\})$	11184896
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^{11}, 2\})$	89478400
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 3^2, 2^{10}\})$	699392
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 3^5, 2^6\})$	5592064
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 3^8, 2^2\})$	44739584
12	$\mathcal{O}(0; \{12^7, 6^3, 4^5, 3^2, 2^7\})$	2797568
12	$\mathcal{O}(0; \{12^7, 6^3, 4^5, 3^5, 2^3\})$	22368256
12	$\mathcal{O}(0; \{12^7, 6^3, 4^7, 3^2, 2^4\})$	11190272
12	$\mathcal{O}(0; \{12^7, 6^3, 4^7, 3^5\})$	89473024
12	$\mathcal{O}(0; \{12^7, 6^3, 4^9, 3^2, 2\})$	44761088
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 2^{14}\})$	87296
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3^3, 2^{10}\})$	699136
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3^6, 2^6\})$	5592320
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3^9, 2^2\})$	44739328
12	$\mathcal{O}(0; \{12^7, 6^4, 4^3, 2^{11}\})$	349184
12	$\mathcal{O}(0; \{12^7, 6^4, 4^3, 3^3, 2^7\})$	2796544
12	$\mathcal{O}(0; \{12^7, 6^4, 4^3, 3^6, 2^3\})$	22369280
12	$\mathcal{O}(0; \{12^7, 6^4, 4^5, 2^8\})$	1396736
12	$\mathcal{O}(0; \{12^7, 6^4, 4^5, 3^3, 2^4\})$	11186176
12	$\mathcal{O}(0; \{12^7, 6^4, 4^5, 3^6\})$	89477120
12	$\mathcal{O}(0; \{12^7, 6^4, 4^7, 2^5\})$	5586944
12	$\mathcal{O}(0; \{12^7, 6^4, 4^7, 3^3, 2\})$	44744704
12	$\mathcal{O}(0; \{12^7, 6^4, 4^9, 2^2\})$	22347776
12	$\mathcal{O}(0; \{12^7, 6^5, 4, 3, 2^{11}\})$	349440
12	$\mathcal{O}(0; \{12^7, 6^5, 4, 3^4, 2^7\})$	2796288
12	$\mathcal{O}(0; \{12^7, 6^5, 4, 3^7, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^7, 6^5, 4^3, 3, 2^8\})$	1397760
12	$\mathcal{O}(0; \{12^7, 6^5, 4^3, 3^4, 2^4\})$	11185152
12	$\mathcal{O}(0; \{12^7, 6^5, 4^3, 3^7\})$	89478144
12	$\mathcal{O}(0; \{12^7, 6^5, 4^5, 3, 2^5\})$	5591040
12	$\mathcal{O}(0; \{12^7, 6^5, 4^5, 3^4, 2\})$	44740608
12	$\mathcal{O}(0; \{12^7, 6^5, 4^7, 3, 2^2\})$	22364160
12	$\mathcal{O}(0; \{12^7, 6^6, 4, 3^2, 2^8\})$	1398016

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^7, 6^6, 4, 3^5, 2^4\})$	11184896
12	$\mathcal{O}(0; \{12^7, 6^6, 4, 3^8\})$	89478400
12	$\mathcal{O}(0; \{12^7, 6^6, 4^3, 3^2, 2^5\})$	5592064
12	$\mathcal{O}(0; \{12^7, 6^6, 4^3, 3^5, 2\})$	44739584
12	$\mathcal{O}(0; \{12^7, 6^6, 4^5, 3^2, 2^2\})$	22368256
12	$\mathcal{O}(0; \{12^7, 6^7, 4, 2^9\})$	699136
12	$\mathcal{O}(0; \{12^7, 6^7, 4, 3^3, 2^5\})$	5592320
12	$\mathcal{O}(0; \{12^7, 6^7, 4, 3^6, 2\})$	44739328
12	$\mathcal{O}(0; \{12^7, 6^7, 4^3, 2^6\})$	2796544
12	$\mathcal{O}(0; \{12^7, 6^7, 4^3, 3^3, 2^2\})$	22369280
12	$\mathcal{O}(0; \{12^7, 6^7, 4^5, 2^3\})$	11186176
12	$\mathcal{O}(0; \{12^7, 6^7, 4^7\})$	44744704
12	$\mathcal{O}(0; \{12^7, 6^8, 4, 3, 2^6\})$	2796288
12	$\mathcal{O}(0; \{12^7, 6^8, 4, 3^4, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^7, 6^8, 4^3, 3, 2^3\})$	11185152
12	$\mathcal{O}(0; \{12^7, 6^8, 4^5, 3\})$	44740608
12	$\mathcal{O}(0; \{12^7, 6^9, 4, 3^2, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^7, 6^9, 4^3, 3^2\})$	44739584
12	$\mathcal{O}(0; \{12^7, 6^{10}, 4, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^7, 6^{10}, 4, 3^3\})$	44739328
12	$\mathcal{O}(0; \{12^7, 6^{10}, 4^3, 2\})$	22369280
12	$\mathcal{O}(0; \{12^7, 6^{11}, 4, 3, 2\})$	22369536
12	$\mathcal{O}(0; \{12^8, 3, 2^{19}\})$	21760
12	$\mathcal{O}(0; \{12^8, 3^4, 2^{15}\})$	174848
12	$\mathcal{O}(0; \{12^8, 3^7, 2^{11}\})$	1398016
12	$\mathcal{O}(0; \{12^8, 3^{10}, 2^7\})$	11184896
12	$\mathcal{O}(0; \{12^8, 3^{13}, 2^3\})$	89478400
12	$\mathcal{O}(0; \{12^8, 4^2, 3, 2^{16}\})$	87040
12	$\mathcal{O}(0; \{12^8, 4^2, 3^4, 2^{12}\})$	699392
12	$\mathcal{O}(0; \{12^8, 4^2, 3^7, 2^8\})$	5592064
12	$\mathcal{O}(0; \{12^8, 4^2, 3^{10}, 2^4\})$	44739584
12	$\mathcal{O}(0; \{12^8, 4^2, 3^{13}\})$	357913600
12	$\mathcal{O}(0; \{12^8, 4^4, 3, 2^{13}\})$	348160
12	$\mathcal{O}(0; \{12^8, 4^4, 3^4, 2^9\})$	2797568
12	$\mathcal{O}(0; \{12^8, 4^4, 3^7, 2^5\})$	22368256
12	$\mathcal{O}(0; \{12^8, 4^4, 3^{10}, 2\})$	178958336
12	$\mathcal{O}(0; \{12^8, 4^6, 3, 2^{10}\})$	1392640
12	$\mathcal{O}(0; \{12^8, 4^6, 3^4, 2^6\})$	11190272
12	$\mathcal{O}(0; \{12^8, 4^6, 3^7, 2^2\})$	89473024
12	$\mathcal{O}(0; \{12^8, 4^8, 3, 2^7\})$	5570560
12	$\mathcal{O}(0; \{12^8, 4^8, 3^4, 2^3\})$	44761088
12	$\mathcal{O}(0; \{12^8, 4^{10}, 3, 2^4\})$	22282240
12	$\mathcal{O}(0; \{12^8, 4^{10}, 3^4\})$	179044352

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^8, 4^{12}, 3, 2\})$	89128960
12	$\mathcal{O}(0; \{12^8, 6, 3^2, 2^{16}\})$	87296
12	$\mathcal{O}(0; \{12^8, 6, 3^5, 2^{12}\})$	699136
12	$\mathcal{O}(0; \{12^8, 6, 3^8, 2^8\})$	5592320
12	$\mathcal{O}(0; \{12^8, 6, 3^{11}, 2^4\})$	44739328
12	$\mathcal{O}(0; \{12^8, 6, 3^{14}\})$	357913856
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^2, 2^{13}\})$	349184
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^5, 2^9\})$	2796544
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^8, 2^5\})$	22369280
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^{11}, 2\})$	178957312
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 3^2, 2^{10}\})$	1396736
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 3^5, 2^6\})$	11186176
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 3^8, 2^2\})$	89477120
12	$\mathcal{O}(0; \{12^8, 6, 4^6, 3^2, 2^7\})$	5586944
12	$\mathcal{O}(0; \{12^8, 6, 4^6, 3^5, 2^3\})$	44744704
12	$\mathcal{O}(0; \{12^8, 6, 4^8, 3^2, 2^4\})$	22347776
12	$\mathcal{O}(0; \{12^8, 6, 4^8, 3^5\})$	178978816
12	$\mathcal{O}(0; \{12^8, 6, 4^{10}, 3^2, 2\})$	89391104
12	$\mathcal{O}(0; \{12^8, 6^2, 2^{17}\})$	43776
12	$\mathcal{O}(0; \{12^8, 6^2, 3^3, 2^{13}\})$	349440
12	$\mathcal{O}(0; \{12^8, 6^2, 3^6, 2^9\})$	2796288
12	$\mathcal{O}(0; \{12^8, 6^2, 3^9, 2^5\})$	22369536
12	$\mathcal{O}(0; \{12^8, 6^2, 3^{12}, 2\})$	178957056
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 2^{14}\})$	175104
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3^3, 2^{10}\})$	1397760
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3^6, 2^6\})$	11185152
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3^9, 2^2\})$	89478144
12	$\mathcal{O}(0; \{12^8, 6^2, 4^4, 2^{11}\})$	700416
12	$\mathcal{O}(0; \{12^8, 6^2, 4^4, 3^3, 2^7\})$	5591040
12	$\mathcal{O}(0; \{12^8, 6^2, 4^4, 3^6, 2^3\})$	44740608
12	$\mathcal{O}(0; \{12^8, 6^2, 4^6, 2^8\})$	2801664
12	$\mathcal{O}(0; \{12^8, 6^2, 4^6, 3^3, 2^4\})$	22364160
12	$\mathcal{O}(0; \{12^8, 6^2, 4^6, 3^6\})$	178962432
12	$\mathcal{O}(0; \{12^8, 6^2, 4^8, 2^5\})$	11206656
12	$\mathcal{O}(0; \{12^8, 6^2, 4^8, 3^3, 2\})$	89456640
12	$\mathcal{O}(0; \{12^8, 6^2, 4^{10}, 2^2\})$	44826624
12	$\mathcal{O}(0; \{12^8, 6^3, 3, 2^{14}\})$	174848
12	$\mathcal{O}(0; \{12^8, 6^3, 3^4, 2^{10}\})$	1398016
12	$\mathcal{O}(0; \{12^8, 6^3, 3^7, 2^6\})$	11184896
12	$\mathcal{O}(0; \{12^8, 6^3, 3^{10}, 2^2\})$	89478400
12	$\mathcal{O}(0; \{12^8, 6^3, 4^2, 3, 2^{11}\})$	699392
12	$\mathcal{O}(0; \{12^8, 6^3, 4^2, 3^4, 2^7\})$	5592064
12	$\mathcal{O}(0; \{12^8, 6^3, 4^2, 3^7, 2^3\})$	44739584

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^8, 6^3, 4^4, 3, 2^8\})$	2797568
12	$\mathcal{O}(0; \{12^8, 6^3, 4^4, 3^4, 2^4\})$	22368256
12	$\mathcal{O}(0; \{12^8, 6^3, 4^4, 3^7\})$	178958336
12	$\mathcal{O}(0; \{12^8, 6^3, 4^6, 3, 2^5\})$	11190272
12	$\mathcal{O}(0; \{12^8, 6^3, 4^6, 3^4, 2\})$	89473024
12	$\mathcal{O}(0; \{12^8, 6^3, 4^8, 3, 2^2\})$	44761088
12	$\mathcal{O}(0; \{12^8, 6^4, 3^2, 2^{11}\})$	699136
12	$\mathcal{O}(0; \{12^8, 6^4, 3^5, 2^7\})$	5592320
12	$\mathcal{O}(0; \{12^8, 6^4, 3^8, 2^3\})$	44739328
12	$\mathcal{O}(0; \{12^8, 6^4, 4^2, 3^2, 2^8\})$	2796544
12	$\mathcal{O}(0; \{12^8, 6^4, 4^2, 3^5, 2^4\})$	22369280
12	$\mathcal{O}(0; \{12^8, 6^4, 4^2, 3^8\})$	178957312
12	$\mathcal{O}(0; \{12^8, 6^4, 4^4, 3^2, 2^5\})$	11186176
12	$\mathcal{O}(0; \{12^8, 6^4, 4^4, 3^5, 2\})$	89477120
12	$\mathcal{O}(0; \{12^8, 6^4, 4^6, 3^2, 2^2\})$	44744704
12	$\mathcal{O}(0; \{12^8, 6^5, 2^{12}\})$	349440
12	$\mathcal{O}(0; \{12^8, 6^5, 3^3, 2^8\})$	2796288
12	$\mathcal{O}(0; \{12^8, 6^5, 3^6, 2^4\})$	22369536
12	$\mathcal{O}(0; \{12^8, 6^5, 3^9\})$	178957056
12	$\mathcal{O}(0; \{12^8, 6^5, 4^2, 2^9\})$	1397760
12	$\mathcal{O}(0; \{12^8, 6^5, 4^2, 3^3, 2^5\})$	11185152
12	$\mathcal{O}(0; \{12^8, 6^5, 4^2, 3^6, 2\})$	89478144
12	$\mathcal{O}(0; \{12^8, 6^5, 4^4, 2^6\})$	5591040
12	$\mathcal{O}(0; \{12^8, 6^5, 4^4, 3^3, 2^2\})$	44740608
12	$\mathcal{O}(0; \{12^8, 6^5, 4^6, 2^3\})$	22364160
12	$\mathcal{O}(0; \{12^8, 6^5, 4^8\})$	89456640
12	$\mathcal{O}(0; \{12^8, 6^6, 3, 2^9\})$	1398016
12	$\mathcal{O}(0; \{12^8, 6^6, 3^4, 2^5\})$	11184896
12	$\mathcal{O}(0; \{12^8, 6^6, 3^7, 2\})$	89478400
12	$\mathcal{O}(0; \{12^8, 6^6, 4^2, 3, 2^6\})$	5592064
12	$\mathcal{O}(0; \{12^8, 6^6, 4^2, 3^4, 2^2\})$	44739584
12	$\mathcal{O}(0; \{12^8, 6^6, 4^4, 3, 2^3\})$	22368256
12	$\mathcal{O}(0; \{12^8, 6^6, 4^6, 3\})$	89473024
12	$\mathcal{O}(0; \{12^8, 6^7, 3^2, 2^6\})$	5592320
12	$\mathcal{O}(0; \{12^8, 6^7, 3^5, 2^2\})$	44739328
12	$\mathcal{O}(0; \{12^8, 6^7, 4^2, 3^2, 2^3\})$	22369280
12	$\mathcal{O}(0; \{12^8, 6^7, 4^4, 3^2\})$	89477120
12	$\mathcal{O}(0; \{12^8, 6^8, 2^7\})$	2796288
12	$\mathcal{O}(0; \{12^8, 6^8, 3^3, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^8, 6^8, 4^2, 2^4\})$	11185152
12	$\mathcal{O}(0; \{12^8, 6^8, 4^2, 3^3\})$	89478144
12	$\mathcal{O}(0; \{12^8, 6^8, 4^4, 2\})$	44740608
12	$\mathcal{O}(0; \{12^8, 6^9, 3, 2^4\})$	11184896

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^8, 6^9, 3^4\})$	89478400
12	$\mathcal{O}(0; \{12^8, 6^9, 4^2, 3, 2\})$	44739584
12	$\mathcal{O}(0; \{12^8, 6^{10}, 3^2, 2\})$	44739328
12	$\mathcal{O}(0; \{12^8, 6^{11}, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^9, 4, 2^{17}\})$	87040
12	$\mathcal{O}(0; \{12^9, 4, 3^3, 2^{13}\})$	699392
12	$\mathcal{O}(0; \{12^9, 4, 3^6, 2^9\})$	5592064
12	$\mathcal{O}(0; \{12^9, 4, 3^9, 2^5\})$	44739584
12	$\mathcal{O}(0; \{12^9, 4, 3^{12}, 2\})$	357913600
12	$\mathcal{O}(0; \{12^9, 4^3, 2^{14}\})$	348160
12	$\mathcal{O}(0; \{12^9, 4^3, 3^3, 2^{10}\})$	2797568
12	$\mathcal{O}(0; \{12^9, 4^3, 3^6, 2^6\})$	22368256
12	$\mathcal{O}(0; \{12^9, 4^3, 3^9, 2^2\})$	178958336
12	$\mathcal{O}(0; \{12^9, 4^5, 2^{11}\})$	1392640
12	$\mathcal{O}(0; \{12^9, 4^5, 3^3, 2^7\})$	11190272
12	$\mathcal{O}(0; \{12^9, 4^5, 3^6, 2^3\})$	89473024
12	$\mathcal{O}(0; \{12^9, 4^7, 2^8\})$	5570560
12	$\mathcal{O}(0; \{12^9, 4^7, 3^3, 2^4\})$	44761088
12	$\mathcal{O}(0; \{12^9, 4^7, 3^6\})$	357892096
12	$\mathcal{O}(0; \{12^9, 4^9, 2^5\})$	22282240
12	$\mathcal{O}(0; \{12^9, 4^9, 3^3, 2\})$	179044352
12	$\mathcal{O}(0; \{12^9, 4^{11}, 2^2\})$	89128960
12	$\mathcal{O}(0; \{12^9, 6, 4, 3, 2^{14}\})$	349184
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^4, 2^{10}\})$	2796544
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^7, 2^6\})$	22369280
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^{10}, 2^2\})$	178957312
12	$\mathcal{O}(0; \{12^9, 6, 4^3, 3, 2^{11}\})$	1396736
12	$\mathcal{O}(0; \{12^9, 6, 4^3, 3^4, 2^7\})$	11186176
12	$\mathcal{O}(0; \{12^9, 6, 4^3, 3^7, 2^3\})$	89477120
12	$\mathcal{O}(0; \{12^9, 6, 4^5, 3, 2^8\})$	5586944
12	$\mathcal{O}(0; \{12^9, 6, 4^5, 3^4, 2^4\})$	44744704
12	$\mathcal{O}(0; \{12^9, 6, 4^5, 3^7\})$	357908480
12	$\mathcal{O}(0; \{12^9, 6, 4^7, 3, 2^5\})$	22347776
12	$\mathcal{O}(0; \{12^9, 6, 4^7, 3^4, 2\})$	178978816
12	$\mathcal{O}(0; \{12^9, 6, 4^9, 3, 2^2\})$	89391104
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 3^2, 2^{11}\})$	1397760
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 3^5, 2^7\})$	11185152
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 3^8, 2^3\})$	89478144
12	$\mathcal{O}(0; \{12^9, 6^2, 4^3, 3^2, 2^8\})$	5591040
12	$\mathcal{O}(0; \{12^9, 6^2, 4^3, 3^5, 2^4\})$	44740608
12	$\mathcal{O}(0; \{12^9, 6^2, 4^3, 3^8\})$	357912576
12	$\mathcal{O}(0; \{12^9, 6^2, 4^5, 3^2, 2^5\})$	22364160
12	$\mathcal{O}(0; \{12^9, 6^2, 4^5, 3^5, 2\})$	178962432

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^9, 6^2, 4^7, 3^2, 2^2\})$	89456640
12	$\mathcal{O}(0; \{12^9, 6^3, 4, 2^{12}\})$	699392
12	$\mathcal{O}(0; \{12^9, 6^3, 4, 3^3, 2^8\})$	5592064
12	$\mathcal{O}(0; \{12^9, 6^3, 4, 3^6, 2^4\})$	44739584
12	$\mathcal{O}(0; \{12^9, 6^3, 4, 3^9\})$	357913600
12	$\mathcal{O}(0; \{12^9, 6^3, 4^3, 2^9\})$	2797568
12	$\mathcal{O}(0; \{12^9, 6^3, 4^3, 3^3, 2^5\})$	22368256
12	$\mathcal{O}(0; \{12^9, 6^3, 4^3, 3^6, 2\})$	178958336
12	$\mathcal{O}(0; \{12^9, 6^3, 4^5, 2^6\})$	11190272
12	$\mathcal{O}(0; \{12^9, 6^3, 4^5, 3^3, 2^2\})$	89473024
12	$\mathcal{O}(0; \{12^9, 6^3, 4^7, 2^3\})$	44761088
12	$\mathcal{O}(0; \{12^9, 6^3, 4^9\})$	179044352
12	$\mathcal{O}(0; \{12^9, 6^4, 4, 3, 2^9\})$	2796544
12	$\mathcal{O}(0; \{12^9, 6^4, 4, 3^4, 2^5\})$	22369280
12	$\mathcal{O}(0; \{12^9, 6^4, 4, 3^7, 2\})$	178957312
12	$\mathcal{O}(0; \{12^9, 6^4, 4^3, 3, 2^6\})$	11186176
12	$\mathcal{O}(0; \{12^9, 6^4, 4^3, 3^4, 2^2\})$	89477120
12	$\mathcal{O}(0; \{12^9, 6^4, 4^5, 3, 2^3\})$	44744704
12	$\mathcal{O}(0; \{12^9, 6^4, 4^7, 3\})$	178978816
12	$\mathcal{O}(0; \{12^9, 6^5, 4, 3^2, 2^6\})$	11185152
12	$\mathcal{O}(0; \{12^9, 6^5, 4, 3^5, 2^2\})$	89478144
12	$\mathcal{O}(0; \{12^9, 6^5, 4^3, 3^2, 2^3\})$	44740608
12	$\mathcal{O}(0; \{12^9, 6^5, 4^5, 3^2\})$	178962432
12	$\mathcal{O}(0; \{12^9, 6^6, 4, 2^7\})$	5592064
12	$\mathcal{O}(0; \{12^9, 6^6, 4, 3^3, 2^3\})$	44739584
12	$\mathcal{O}(0; \{12^9, 6^6, 4^3, 2^4\})$	22368256
12	$\mathcal{O}(0; \{12^9, 6^6, 4^3, 3^3\})$	178958336
12	$\mathcal{O}(0; \{12^9, 6^6, 4^5, 2\})$	89473024
12	$\mathcal{O}(0; \{12^9, 6^7, 4, 3, 2^4\})$	22369280
12	$\mathcal{O}(0; \{12^9, 6^7, 4, 3^4\})$	178957312
12	$\mathcal{O}(0; \{12^9, 6^7, 4^3, 3, 2\})$	89477120
12	$\mathcal{O}(0; \{12^9, 6^8, 4, 3^2, 2\})$	89478144
12	$\mathcal{O}(0; \{12^9, 6^9, 4, 2^2\})$	44739584
12	$\mathcal{O}(0; \{12^{10}, 3^2, 2^{14}\})$	699392
12	$\mathcal{O}(0; \{12^{10}, 3^5, 2^{10}\})$	5592064
12	$\mathcal{O}(0; \{12^{10}, 3^8, 2^6\})$	44739584
12	$\mathcal{O}(0; \{12^{10}, 3^{11}, 2^2\})$	357913600
12	$\mathcal{O}(0; \{12^{10}, 4^2, 3^2, 2^{11}\})$	2797568
12	$\mathcal{O}(0; \{12^{10}, 4^2, 3^5, 2^7\})$	22368256
12	$\mathcal{O}(0; \{12^{10}, 4^2, 3^8, 2^3\})$	178958336
12	$\mathcal{O}(0; \{12^{10}, 4^4, 3^2, 2^8\})$	11190272
12	$\mathcal{O}(0; \{12^{10}, 4^4, 3^5, 2^4\})$	89473024
12	$\mathcal{O}(0; \{12^{10}, 4^4, 3^8\})$	715833344

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{10}, 4^6, 3^2, 2^5\})$	44761088
12	$\mathcal{O}(0; \{12^{10}, 4^6, 3^5, 2\})$	357892096
12	$\mathcal{O}(0; \{12^{10}, 4^8, 3^2, 2^2\})$	179044352
12	$\mathcal{O}(0; \{12^{10}, 6, 2^{15}\})$	349184
12	$\mathcal{O}(0; \{12^{10}, 6, 3^3, 2^{11}\})$	2796544
12	$\mathcal{O}(0; \{12^{10}, 6, 3^6, 2^7\})$	22369280
12	$\mathcal{O}(0; \{12^{10}, 6, 3^9, 2^3\})$	178957312
12	$\mathcal{O}(0; \{12^{10}, 6, 4^2, 2^{12}\})$	1396736
12	$\mathcal{O}(0; \{12^{10}, 6, 4^2, 3^3, 2^8\})$	11186176
12	$\mathcal{O}(0; \{12^{10}, 6, 4^2, 3^6, 2^4\})$	89477120
12	$\mathcal{O}(0; \{12^{10}, 6, 4^2, 3^9\})$	715829248
12	$\mathcal{O}(0; \{12^{10}, 6, 4^4, 2^9\})$	5586944
12	$\mathcal{O}(0; \{12^{10}, 6, 4^4, 3^3, 2^5\})$	44744704
12	$\mathcal{O}(0; \{12^{10}, 6, 4^4, 3^6, 2\})$	357908480
12	$\mathcal{O}(0; \{12^{10}, 6, 4^6, 2^6\})$	22347776
12	$\mathcal{O}(0; \{12^{10}, 6, 4^6, 3^3, 2^2\})$	178978816
12	$\mathcal{O}(0; \{12^{10}, 6, 4^8, 2^3\})$	89391104
12	$\mathcal{O}(0; \{12^{10}, 6, 4^{10}\})$	357564416
12	$\mathcal{O}(0; \{12^{10}, 6^2, 3, 2^{12}\})$	1397760
12	$\mathcal{O}(0; \{12^{10}, 6^2, 3^4, 2^8\})$	11185152
12	$\mathcal{O}(0; \{12^{10}, 6^2, 3^7, 2^4\})$	89478144
12	$\mathcal{O}(0; \{12^{10}, 6^2, 3^{10}\})$	715828224
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^2, 3, 2^9\})$	5591040
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^2, 3^4, 2^5\})$	44740608
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^2, 3^7, 2\})$	357912576
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^4, 3, 2^6\})$	22364160
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^4, 3^4, 2^2\})$	178962432
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^6, 3, 2^3\})$	89456640
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^8, 3\})$	357826560
12	$\mathcal{O}(0; \{12^{10}, 6^3, 3^2, 2^9\})$	5592064
12	$\mathcal{O}(0; \{12^{10}, 6^3, 3^5, 2^5\})$	44739584
12	$\mathcal{O}(0; \{12^{10}, 6^3, 3^8, 2\})$	357913600
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^2, 3^2, 2^6\})$	22368256
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^2, 3^5, 2^2\})$	178958336
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^4, 3^2, 2^3\})$	89473024
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^6, 3^2\})$	357892096
12	$\mathcal{O}(0; \{12^{10}, 6^4, 2^{10}\})$	2796544
12	$\mathcal{O}(0; \{12^{10}, 6^4, 3^3, 2^6\})$	22369280
12	$\mathcal{O}(0; \{12^{10}, 6^4, 3^6, 2^2\})$	178957312
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^2, 2^7\})$	11186176
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^2, 3^3, 2^3\})$	89477120
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^4, 2^4\})$	44744704
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^4, 3^3\})$	357908480

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^6, 2\})$	178978816
12	$\mathcal{O}(0; \{12^{10}, 6^5, 3, 2^7\})$	11185152
12	$\mathcal{O}(0; \{12^{10}, 6^5, 3^4, 2^3\})$	89478144
12	$\mathcal{O}(0; \{12^{10}, 6^5, 4^2, 3, 2^4\})$	44740608
12	$\mathcal{O}(0; \{12^{10}, 6^5, 4^2, 3^4\})$	357912576
12	$\mathcal{O}(0; \{12^{10}, 6^5, 4^4, 3, 2\})$	178962432
12	$\mathcal{O}(0; \{12^{10}, 6^6, 3^2, 2^4\})$	44739584
12	$\mathcal{O}(0; \{12^{10}, 6^6, 3^5\})$	357913600
12	$\mathcal{O}(0; \{12^{10}, 6^6, 4^2, 3^2, 2\})$	178958336
12	$\mathcal{O}(0; \{12^{10}, 6^7, 2^5\})$	22369280
12	$\mathcal{O}(0; \{12^{10}, 6^7, 3^3, 2\})$	178957312
12	$\mathcal{O}(0; \{12^{10}, 6^7, 4^2, 2^2\})$	89477120
12	$\mathcal{O}(0; \{12^{10}, 6^8, 3, 2^2\})$	89478144
12	$\mathcal{O}(0; \{12^{10}, 6^{10}\})$	178957312
12	$\mathcal{O}(0; \{12^{11}, 4, 3, 2^{12}\})$	2797568
12	$\mathcal{O}(0; \{12^{11}, 4, 3^4, 2^8\})$	22368256
12	$\mathcal{O}(0; \{12^{11}, 4, 3^7, 2^4\})$	178958336
12	$\mathcal{O}(0; \{12^{11}, 4, 3^{10}\})$	1431654400
12	$\mathcal{O}(0; \{12^{11}, 4^3, 3, 2^9\})$	11190272
12	$\mathcal{O}(0; \{12^{11}, 4^3, 3^4, 2^5\})$	89473024
12	$\mathcal{O}(0; \{12^{11}, 4^3, 3^7, 2\})$	715833344
12	$\mathcal{O}(0; \{12^{11}, 4^5, 3, 2^6\})$	44761088
12	$\mathcal{O}(0; \{12^{11}, 4^5, 3^4, 2^2\})$	357892096
12	$\mathcal{O}(0; \{12^{11}, 4^7, 3, 2^3\})$	179044352
12	$\mathcal{O}(0; \{12^{11}, 4^9, 3\})$	716177408
12	$\mathcal{O}(0; \{12^{11}, 6, 4, 3^2, 2^9\})$	11186176
12	$\mathcal{O}(0; \{12^{11}, 6, 4, 3^5, 2^5\})$	89477120
12	$\mathcal{O}(0; \{12^{11}, 6, 4, 3^8, 2\})$	715829248
12	$\mathcal{O}(0; \{12^{11}, 6, 4^3, 3^2, 2^6\})$	44744704
12	$\mathcal{O}(0; \{12^{11}, 6, 4^3, 3^5, 2^2\})$	357908480
12	$\mathcal{O}(0; \{12^{11}, 6, 4^5, 3^2, 2^3\})$	178978816
12	$\mathcal{O}(0; \{12^{11}, 6, 4^7, 3^2\})$	715915264
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4, 2^{10}\})$	5591040
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4, 3^3, 2^6\})$	44740608
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4, 3^6, 2^2\})$	357912576
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^3, 2^7\})$	22364160
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^3, 3^3, 2^3\})$	178962432
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^5, 2^4\})$	89456640
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^5, 3^3\})$	715849728
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^7, 2\})$	357826560
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4, 3, 2^7\})$	22368256
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4, 3^4, 2^3\})$	178958336
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4^3, 3, 2^4\})$	89473024

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4^3, 3^4\})$	715833344
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4^5, 3, 2\})$	357892096
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4, 3^2, 2^4\})$	89477120
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4, 3^5\})$	715829248
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4^3, 3^2, 2\})$	357908480
12	$\mathcal{O}(0; \{12^{11}, 6^5, 4, 2^5\})$	44740608
12	$\mathcal{O}(0; \{12^{11}, 6^5, 4, 3^3, 2\})$	357912576
12	$\mathcal{O}(0; \{12^{11}, 6^5, 4^3, 2^2\})$	178962432
12	$\mathcal{O}(0; \{12^{11}, 6^6, 4, 3, 2^2\})$	178958336
12	$\mathcal{O}(0; \{12^{11}, 6^8, 4\})$	357912576
12	$\mathcal{O}(0; \{12^{12}, 2^{13}\})$	2797568
12	$\mathcal{O}(0; \{12^{12}, 3^3, 2^9\})$	22368256
12	$\mathcal{O}(0; \{12^{12}, 3^6, 2^5\})$	178958336
12	$\mathcal{O}(0; \{12^{12}, 3^9, 2\})$	1431654400
12	$\mathcal{O}(0; \{12^{12}, 4^2, 2^{10}\})$	11190272
12	$\mathcal{O}(0; \{12^{12}, 4^2, 3^3, 2^6\})$	89473024
12	$\mathcal{O}(0; \{12^{12}, 4^2, 3^6, 2^2\})$	715833344
12	$\mathcal{O}(0; \{12^{12}, 4^4, 2^7\})$	44761088
12	$\mathcal{O}(0; \{12^{12}, 4^4, 3^3, 2^3\})$	357892096
12	$\mathcal{O}(0; \{12^{12}, 4^6, 2^4\})$	179044352
12	$\mathcal{O}(0; \{12^{12}, 4^6, 3^3\})$	1431568384
12	$\mathcal{O}(0; \{12^{12}, 4^8, 2\})$	716177408
12	$\mathcal{O}(0; \{12^{12}, 6, 3, 2^{10}\})$	11186176
12	$\mathcal{O}(0; \{12^{12}, 6, 3^4, 2^6\})$	89477120
12	$\mathcal{O}(0; \{12^{12}, 6, 3^7, 2^2\})$	715829248
12	$\mathcal{O}(0; \{12^{12}, 6, 4^2, 3, 2^7\})$	44744704
12	$\mathcal{O}(0; \{12^{12}, 6, 4^2, 3^4, 2^3\})$	357908480
12	$\mathcal{O}(0; \{12^{12}, 6, 4^4, 3, 2^4\})$	178978816
12	$\mathcal{O}(0; \{12^{12}, 6, 4^4, 3^4\})$	1431633920
12	$\mathcal{O}(0; \{12^{12}, 6, 4^6, 3, 2\})$	715915264
12	$\mathcal{O}(0; \{12^{12}, 6^2, 3^2, 2^7\})$	44740608
12	$\mathcal{O}(0; \{12^{12}, 6^2, 3^5, 2^3\})$	357912576
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^2, 3^2, 2^4\})$	178962432
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^2, 3^5\})$	1431650304
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^4, 3^2, 2\})$	715849728
12	$\mathcal{O}(0; \{12^{12}, 6^3, 2^8\})$	22368256
12	$\mathcal{O}(0; \{12^{12}, 6^3, 3^3, 2^4\})$	178958336
12	$\mathcal{O}(0; \{12^{12}, 6^3, 3^6\})$	1431654400
12	$\mathcal{O}(0; \{12^{12}, 6^3, 4^2, 2^5\})$	89473024
12	$\mathcal{O}(0; \{12^{12}, 6^3, 4^2, 3^3, 2\})$	715833344
12	$\mathcal{O}(0; \{12^{12}, 6^3, 4^4, 2^2\})$	357892096
12	$\mathcal{O}(0; \{12^{12}, 6^4, 3, 2^5\})$	89477120
12	$\mathcal{O}(0; \{12^{12}, 6^4, 3^4, 2\})$	715829248

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{12}, 6^4, 4^2, 3, 2^2\})$	357908480
12	$\mathcal{O}(0; \{12^{12}, 6^5, 3^2, 2^2\})$	357912576
12	$\mathcal{O}(0; \{12^{12}, 6^6, 2^3\})$	178958336
12	$\mathcal{O}(0; \{12^{12}, 6^6, 4^2\})$	715833344
12	$\mathcal{O}(0; \{12^{12}, 6^7, 3\})$	715829248
12	$\mathcal{O}(0; \{12^{13}, 4, 3^2, 2^7\})$	89473024
12	$\mathcal{O}(0; \{12^{13}, 4, 3^5, 2^3\})$	715833344
12	$\mathcal{O}(0; \{12^{13}, 4^3, 3^2, 2^4\})$	357892096
12	$\mathcal{O}(0; \{12^{13}, 4^3, 3^5\})$	286333376
12	$\mathcal{O}(0; \{12^{13}, 4^5, 3^2, 2\})$	1431568384
12	$\mathcal{O}(0; \{12^{13}, 6, 4, 2^8\})$	44744704
12	$\mathcal{O}(0; \{12^{13}, 6, 4, 3^3, 2^4\})$	357908480
12	$\mathcal{O}(0; \{12^{13}, 6, 4, 3^6\})$	2863316992
12	$\mathcal{O}(0; \{12^{13}, 6, 4^3, 2^5\})$	178978816
12	$\mathcal{O}(0; \{12^{13}, 6, 4^3, 3^3, 2\})$	1431633920
12	$\mathcal{O}(0; \{12^{13}, 6, 4^5, 2^2\})$	715915264
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4, 3, 2^5\})$	178962432
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4, 3^4, 2\})$	1431650304
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4^3, 3, 2^2\})$	715849728
12	$\mathcal{O}(0; \{12^{13}, 6^3, 4, 3^2, 2^2\})$	715833344
12	$\mathcal{O}(0; \{12^{13}, 6^4, 4, 2^3\})$	357908480
12	$\mathcal{O}(0; \{12^{13}, 6^4, 4^3\})$	1431633920
12	$\mathcal{O}(0; \{12^{13}, 6^5, 4, 3\})$	1431650304
12	$\mathcal{O}(0; \{12^{14}, 3, 2^8\})$	89473024
12	$\mathcal{O}(0; \{12^{14}, 3^4, 2^4\})$	715833344
12	$\mathcal{O}(0; \{12^{14}, 3^7\})$	5726617600
12	$\mathcal{O}(0; \{12^{14}, 4^2, 3, 2^5\})$	357892096
12	$\mathcal{O}(0; \{12^{14}, 4^2, 3^4, 2\})$	286333376
12	$\mathcal{O}(0; \{12^{14}, 4^4, 3, 2^2\})$	1431568384
12	$\mathcal{O}(0; \{12^{14}, 6, 3^2, 2^5\})$	357908480
12	$\mathcal{O}(0; \{12^{14}, 6, 3^5, 2\})$	2863316992
12	$\mathcal{O}(0; \{12^{14}, 6, 4^2, 3^2, 2^2\})$	1431633920
12	$\mathcal{O}(0; \{12^{14}, 6^2, 2^6\})$	178962432
12	$\mathcal{O}(0; \{12^{14}, 6^2, 3^3, 2^2\})$	1431650304
12	$\mathcal{O}(0; \{12^{14}, 6^2, 4^2, 2^3\})$	715849728
12	$\mathcal{O}(0; \{12^{14}, 6^2, 4^4\})$	2863398912
12	$\mathcal{O}(0; \{12^{14}, 6^3, 3, 2^3\})$	715833344
12	$\mathcal{O}(0; \{12^{14}, 6^3, 4^2, 3\})$	286333376
12	$\mathcal{O}(0; \{12^{14}, 6^4, 3^2\})$	2863316992
12	$\mathcal{O}(0; \{12^{14}, 6^5, 2\})$	1431650304
12	$\mathcal{O}(0; \{12^{15}, 4, 2^6\})$	357892096
12	$\mathcal{O}(0; \{12^{15}, 4, 3^3, 2^2\})$	286333376
12	$\mathcal{O}(0; \{12^{15}, 4^3, 2^3\})$	1431568384

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{15}, 4^5\})$	5726273536
12	$\mathcal{O}(0; \{12^{15}, 6, 4, 3, 2^3\})$	1431633920
12	$\mathcal{O}(0; \{12^{15}, 6, 4^3, 3\})$	5726535680
12	$\mathcal{O}(0; \{12^{15}, 6^2, 4, 3^2\})$	5726601216
12	$\mathcal{O}(0; \{12^{15}, 6^3, 4, 2\})$	2863333376
12	$\mathcal{O}(0; \{12^{16}, 3^2, 2^3\})$	2863333376
12	$\mathcal{O}(0; \{12^{16}, 4^2, 3^2\})$	11453333504
12	$\mathcal{O}(0; \{12^{16}, 6, 2^4\})$	1431633920
12	$\mathcal{O}(0; \{12^{16}, 6, 3^3\})$	11453267968
12	$\mathcal{O}(0; \{12^{16}, 6, 4^2, 2\})$	5726535680
12	$\mathcal{O}(0; \{12^{16}, 6^2, 3, 2\})$	5726601216
12	$\mathcal{O}(0; \{12^{17}, 4, 3, 2\})$	11453333504
12	$\mathcal{O}(0; \{12^{18}, 2^2\})$	11453333504
13	$\mathcal{O}(4; \{13^9\})$	323768564380755780
14	$\mathcal{O}(6; \{14, 7, 2^3\})$	340163474251776
14	$\mathcal{O}(6; \{14^3, 2\})$	1700817371258880
14	$\mathcal{O}(5; \{7^5, 2^2\})$	321072667023360
14	$\mathcal{O}(5; \{14, 7, 2^7\})$	1735527929856
14	$\mathcal{O}(5; \{14^2, 7^4\})$	1928171530070016
14	$\mathcal{O}(5; \{14^3, 2^5\})$	8677639649280
14	$\mathcal{O}(4; \{7^5, 2^6\})$	1638125852160
14	$\mathcal{O}(4; \{14, 7, 2^{11}\})$	8854734336
14	$\mathcal{O}(4; \{14^2, 7^4, 2^4\})$	9837609847296
14	$\mathcal{O}(4; \{14^3, 2^9\})$	44273671680
14	$\mathcal{O}(4; \{14^4, 7^3, 2^2\})$	59016804349440
14	$\mathcal{O}(4; \{14^6, 7^2\})$	354109680830976
14	$\mathcal{O}(3; \{7^5, 2^{10}\})$	8357784960
14	$\mathcal{O}(3; \{14, 7, 2^{15}\})$	45177216
14	$\mathcal{O}(3; \{14, 7^8, 2^3\})$	10840047093120
14	$\mathcal{O}(3; \{14^2, 7^4, 2^8\})$	50191886976
14	$\mathcal{O}(3; \{14^3, 2^{13}\})$	225886080
14	$\mathcal{O}(3; \{14^3, 7^7, 2\})$	65040327735936
14	$\mathcal{O}(3; \{14^4, 7^3, 2^6\})$	301106144640
14	$\mathcal{O}(3; \{14^6, 7^2, 2^4\})$	1806682045056
14	$\mathcal{O}(3; \{14^8, 7, 2^2\})$	10840047093120
14	$\mathcal{O}(3; \{14^{10}\})$	65040327735936
14	$\mathcal{O}(2; \{7^5, 2^{14}\})$	42641760
14	$\mathcal{O}(2; \{7^{12}, 2^2\})$	11946181492896
14	$\mathcal{O}(2; \{14, 7, 2^{19}\})$	230496
14	$\mathcal{O}(2; \{14, 7^8, 2^7\})$	55306362720
14	$\mathcal{O}(2; \{14^2, 7^4, 2^{12}\})$	256081056
14	$\mathcal{O}(2; \{14^2, 7^{11}\})$	71677088726880
14	$\mathcal{O}(2; \{14^3, 2^{17}\})$	1152480

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
14	$\mathcal{O}(2; \{14^3, 7^7, 2^5\})$	331838406816
14	$\mathcal{O}(2; \{14^4, 7^3, 2^{10}\})$	1536255840
14	$\mathcal{O}(2; \{14^5, 7^6, 2^3\})$	1991030210400
14	$\mathcal{O}(2; \{14^6, 7^2, 2^8\})$	9217765536
14	$\mathcal{O}(2; \{14^7, 7^5, 2\})$	11946181492896
14	$\mathcal{O}(2; \{14^8, 7, 2^6\})$	55306362720
14	$\mathcal{O}(2; \{14^{10}, 2^4\})$	331838406816
14	$\mathcal{O}(1; \{7^5, 2^{18}\})$	217560
14	$\mathcal{O}(1; \{7^{12}, 2^6\})$	60949905576
14	$\mathcal{O}(1; \{14, 7, 2^{23}\})$	1176
14	$\mathcal{O}(1; \{14, 7^8, 2^{11}\})$	282175320
14	$\mathcal{O}(1; \{14^2, 7^4, 2^{16}\})$	1306536
14	$\mathcal{O}(1; \{14^2, 7^{11}, 2^4\})$	365699432280
14	$\mathcal{O}(1; \{14^3, 2^{21}\})$	5880
14	$\mathcal{O}(1; \{14^3, 7^7, 2^9\})$	1693053096
14	$\mathcal{O}(1; \{14^4, 7^3, 2^{14}\})$	7838040
14	$\mathcal{O}(1; \{14^4, 7^{10}, 2^2\})$	2194196594856
14	$\mathcal{O}(1; \{14^5, 7^6, 2^7\})$	10158317400
14	$\mathcal{O}(1; \{14^6, 7^2, 2^{12}\})$	47029416
14	$\mathcal{O}(1; \{14^6, 7^9\})$	13165179567960
14	$\mathcal{O}(1; \{14^7, 7^5, 2^5\})$	60949905576
14	$\mathcal{O}(1; \{14^8, 7, 2^{10}\})$	282175320
14	$\mathcal{O}(1; \{14^9, 7^4, 2^3\})$	365699432280
14	$\mathcal{O}(1; \{14^{10}, 2^8\})$	1693053096
14	$\mathcal{O}(1; \{14^{11}, 7^3, 2\})$	2194196594856
14	$\mathcal{O}(0; \{7^5, 2^{22}\})$	1110
14	$\mathcal{O}(0; \{7^{12}, 2^{10}\})$	310968906
14	$\mathcal{O}(0; \{14, 7, 2^{27}\})$	6
14	$\mathcal{O}(0; \{14, 7^8, 2^{15}\})$	1439670
14	$\mathcal{O}(0; \{14, 7^{15}, 2^3\})$	403015701066
14	$\mathcal{O}(0; \{14^2, 7^4, 2^{20}\})$	6666
14	$\mathcal{O}(0; \{14^2, 7^{11}, 2^8\})$	1865813430
14	$\mathcal{O}(0; \{14^3, 2^{25}\})$	30
14	$\mathcal{O}(0; \{14^3, 7^7, 2^{13}\})$	8638026
14	$\mathcal{O}(0; \{14^3, 7^{14}, 2\})$	2418094206390
14	$\mathcal{O}(0; \{14^4, 7^3, 2^{18}\})$	39990
14	$\mathcal{O}(0; \{14^4, 7^{10}, 2^6\})$	11194880586
14	$\mathcal{O}(0; \{14^5, 7^6, 2^{11}\})$	51828150
14	$\mathcal{O}(0; \{14^6, 7^2, 2^{16}\})$	239946
14	$\mathcal{O}(0; \{14^6, 7^9, 2^4\})$	67169283510
14	$\mathcal{O}(0; \{14^7, 7^5, 2^9\})$	310968906
14	$\mathcal{O}(0; \{14^8, 7, 2^{14}\})$	1439670
14	$\mathcal{O}(0; \{14^8, 7^8, 2^2\})$	403015701066

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
14	$\mathcal{O}(0; \{14^9, 7^4, 2^7\})$	1865813430
14	$\mathcal{O}(0; \{14^{10}, 2^{12}\})$	8638026
14	$\mathcal{O}(0; \{14^{10}, 7^7\})$	2418094206390
14	$\mathcal{O}(0; \{14^{11}, 7^3, 2^5\})$	11194880586
14	$\mathcal{O}(0; \{14^{13}, 7^2, 2^3\})$	67169283510
14	$\mathcal{O}(0; \{14^{15}, 7, 2\})$	403015701066
15	$\mathcal{O}(6; \{5^3\})$	1556953125000000
15	$\mathcal{O}(6; \{15, 5, 3\})$	1037970703125000
15	$\mathcal{O}(5; \{5^3, 3^3\})$	13839609375000
15	$\mathcal{O}(5; \{15, 5, 3^4\})$	23066015625000
15	$\mathcal{O}(5; \{15^3, 5^2\})$	235273359375000
15	$\mathcal{O}(5; \{15^4, 3\})$	299858203125000
15	$\mathcal{O}(4; \{5^3, 3^6\})$	676603125000
15	$\mathcal{O}(4; \{5^8\})$	33589250000000
15	$\mathcal{O}(4; \{15, 5, 3^7\})$	881634375000
15	$\mathcal{O}(4; \{15, 5^6, 3\})$	16792059375000
15	$\mathcal{O}(4; \{15^2, 5^4, 3^2\})$	12609421875000
15	$\mathcal{O}(4; \{15^3, 5^2, 3^3\})$	11502253125000
15	$\mathcal{O}(4; \{15^4, 3^4\})$	11461246875000
15	$\mathcal{O}(4; \{15^6, 5\})$	184712653125000
15	$\mathcal{O}(3; \{5^3, 3^9\})$	23236875000
15	$\mathcal{O}(3; \{5^8, 3^3\})$	298616625000
15	$\mathcal{O}(3; \{15, 5, 3^{10}\})$	31073625000
15	$\mathcal{O}(3; \{15, 5^6, 3^4\})$	373156875000
15	$\mathcal{O}(3; \{15^2, 5^4, 3^5\})$	392293125000
15	$\mathcal{O}(3; \{15^3, 5^2, 3^6\})$	395026875000
15	$\mathcal{O}(3; \{15^3, 5^7\})$	4777592625000
15	$\mathcal{O}(3; \{15^4, 3^7\})$	403957125000
15	$\mathcal{O}(3; \{15^4, 5^5, 3\})$	5971876875000
15	$\mathcal{O}(3; \{15^5, 5^3, 3^2\})$	6270949125000
15	$\mathcal{O}(3; \{15^6, 5, 3^3\})$	6343666875000
15	$\mathcal{O}(3; \{15^9\})$	101521906875000
15	$\mathcal{O}(2; \{5^3, 3^{12}\})$	829845000
15	$\mathcal{O}(2; \{5^8, 3^6\})$	14599035000
15	$\mathcal{O}(2; \{5^{13}\})$	671088600000
15	$\mathcal{O}(2; \{15, 5, 3^{13}\})$	1106055000
15	$\mathcal{O}(2; \{15, 5^6, 3^7\})$	14262885000
15	$\mathcal{O}(2; \{15, 5^{11}, 3\})$	339738705000
15	$\mathcal{O}(2; \{15^2, 5^4, 3^8\})$	14197275000
15	$\mathcal{O}(2; \{15^2, 5^9, 3^2\})$	254803725000
15	$\mathcal{O}(2; \{15^3, 5^2, 3^9\})$	14107365000
15	$\mathcal{O}(2; \{15^3, 5^7, 3^3\})$	233571195000
15	$\mathcal{O}(2; \{15^4, 3^{10}\})$	14378715000

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(2; \{15^4, 5^5, 3^4\})$	228258405000
15	$\mathcal{O}(2; \{15^5, 5^3, 3^5\})$	226948635000
15	$\mathcal{O}(2; \{15^6, 5, 3^6\})$	226547685000
15	$\mathcal{O}(2; \{15^6, 5^6\})$	3737125755000
15	$\mathcal{O}(2; \{15^7, 5^4, 3\})$	3652186725000
15	$\mathcal{O}(2; \{15^8, 5^2, 3^2\})$	3630970395000
15	$\mathcal{O}(2; \{15^9, 3^3\})$	3625592805000
15	$\mathcal{O}(1; \{5^3, 3^{15}\})$	29489400
15	$\mathcal{O}(1; \{5^8, 3^9\})$	501381000
15	$\mathcal{O}(1; \{5^{13}, 3^3\})$	6039797400
15	$\mathcal{O}(1; \{15, 5, 3^{16}\})$	39321000
15	$\mathcal{O}(1; \{15, 5^6, 3^{10}\})$	502702200
15	$\mathcal{O}(1; \{15, 5^{11}, 3^4\})$	7549749000
15	$\mathcal{O}(1; \{15^2, 5^4, 3^{11}\})$	503685000
15	$\mathcal{O}(1; \{15^2, 5^9, 3^5\})$	7927227000
15	$\mathcal{O}(1; \{15^3, 5^2, 3^{12}\})$	501319800
15	$\mathcal{O}(1; \{15^3, 5^7, 3^6\})$	8021637000
15	$\mathcal{O}(1; \{15^3, 5^{12}\})$	96636763800
15	$\mathcal{O}(1; \{15^4, 3^{13}\})$	511173000
15	$\mathcal{O}(1; \{15^4, 5^5, 3^7\})$	8045076600
15	$\mathcal{O}(1; \{15^4, 5^{10}, 3\})$	120795957000
15	$\mathcal{O}(1; \{15^5, 5^3, 3^8\})$	8051589000
15	$\mathcal{O}(1; \{15^5, 5^8, 3^2\})$	126835745400
15	$\mathcal{O}(1; \{15^6, 5, 3^9\})$	8050606200
15	$\mathcal{O}(1; \{15^6, 5^6, 3^3\})$	128345733000
15	$\mathcal{O}(1; \{15^7, 5^4, 3^4\})$	128723067000
15	$\mathcal{O}(1; \{15^8, 5^2, 3^5\})$	128818053000
15	$\mathcal{O}(1; \{15^9, 3^6\})$	128839188600
15	$\mathcal{O}(1; \{15^9, 5^5\})$	2053531269000
15	$\mathcal{O}(1; \{15^{10}, 5^3, 3\})$	2059570913400
15	$\mathcal{O}(1; \{15^{11}, 5, 3^2\})$	2061081477000
15	$\mathcal{O}(0; \{5^3, 3^{18}\})$	1048584
15	$\mathcal{O}(0; \{5^8, 3^{12}\})$	17905528
15	$\mathcal{O}(0; \{5^{13}, 3^6\})$	295278984
15	$\mathcal{O}(0; \{15, 5, 3^{19}\})$	1398104
15	$\mathcal{O}(0; \{15, 5^6, 3^{13}\})$	17893512
15	$\mathcal{O}(0; \{15, 5^{11}, 3^7\})$	288568184
15	$\mathcal{O}(0; \{15, 5^{16}, 3\})$	6871947672
15	$\mathcal{O}(0; \{15^2, 5^4, 3^{14}\})$	17913720
15	$\mathcal{O}(0; \{15^2, 5^9, 3^8\})$	286890120
15	$\mathcal{O}(0; \{15^2, 5^{14}, 3^2\})$	5153960760
15	$\mathcal{O}(0; \{15^3, 5^2, 3^{15}\})$	17825928
15	$\mathcal{O}(0; \{15^3, 5^7, 3^9\})$	286472056

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(0; \{15^3, 5^{12}, 3^3\})$	4724464008
15	$\mathcal{O}(0; \{15^4, 3^{16}\})$	18175352
15	$\mathcal{O}(0; \{15^4, 5^5, 3^{10}\})$	286361736
15	$\mathcal{O}(0; \{15^4, 5^{10}, 3^4\})$	4617089912
15	$\mathcal{O}(0; \{15^5, 5^3, 3^{11}\})$	286357368
15	$\mathcal{O}(0; \{15^5, 5^8, 3^5\})$	4590246024
15	$\mathcal{O}(0; \{15^6, 5, 3^{12}\})$	286263432
15	$\mathcal{O}(0; \{15^6, 5^6, 3^6\})$	4583536504
15	$\mathcal{O}(0; \{15^6, 5^{11}\})$	75591424392
15	$\mathcal{O}(0; \{15^7, 5^4, 3^7\})$	4581853320
15	$\mathcal{O}(0; \{15^7, 5^9, 3\})$	73873437560
15	$\mathcal{O}(0; \{15^8, 5^2, 3^8\})$	4581455736
15	$\mathcal{O}(0; \{15^8, 5^7, 3^2\})$	73443940488
15	$\mathcal{O}(0; \{15^9, 3^9\})$	4581263496
15	$\mathcal{O}(0; \{15^9, 5^5, 3^3\})$	73336567672
15	$\mathcal{O}(0; \{15^{10}, 5^3, 3^4\})$	73309718664
15	$\mathcal{O}(0; \{15^{11}, 5, 3^5\})$	73303029624
15	$\mathcal{O}(0; \{15^{12}, 5^4\})$	1173385066360
15	$\mathcal{O}(0; \{15^{13}, 5^2, 3\})$	1172955564168
15	$\mathcal{O}(0; \{15^{14}, 3^2\})$	1172848211832
16	$\mathcal{O}(5; \{16^2, 4, 2^2\})$	17592186044416
16	$\mathcal{O}(5; \{16^2, 8^2\})$	140737488355328
16	$\mathcal{O}(4; \{16^2, 4, 2^6\})$	68719476736
16	$\mathcal{O}(4; \{16^2, 4^3, 2^3\})$	274877906944
16	$\mathcal{O}(4; \{16^2, 4^5\})$	1099511627776
16	$\mathcal{O}(4; \{16^2, 8^2, 2^4\})$	549755813888
16	$\mathcal{O}(4; \{16^2, 8^2, 4^2, 2\})$	2199023255552
16	$\mathcal{O}(4; \{16^4, 8, 2^2\})$	8796093022208
16	$\mathcal{O}(4; \{16^6\})$	140737488355328
16	$\mathcal{O}(3; \{16^2, 4, 2^{10}\})$	268435456
16	$\mathcal{O}(3; \{16^2, 4^3, 2^7\})$	1073741824
16	$\mathcal{O}(3; \{16^2, 4^5, 2^4\})$	4294967296
16	$\mathcal{O}(3; \{16^2, 4^7, 2\})$	17179869184
16	$\mathcal{O}(3; \{16^2, 8^2, 2^8\})$	2147483648
16	$\mathcal{O}(3; \{16^2, 8^2, 4^2, 2^5\})$	8589934592
16	$\mathcal{O}(3; \{16^2, 8^2, 4^4, 2^2\})$	34359738368
16	$\mathcal{O}(3; \{16^2, 8^4, 4, 2^3\})$	68719476736
16	$\mathcal{O}(3; \{16^2, 8^4, 4^3\})$	274877906944
16	$\mathcal{O}(3; \{16^2, 8^6, 2\})$	549755813888
16	$\mathcal{O}(3; \{16^4, 8, 2^6\})$	34359738368
16	$\mathcal{O}(3; \{16^4, 8, 4^2, 2^3\})$	137438953472
16	$\mathcal{O}(3; \{16^4, 8, 4^4\})$	549755813888
16	$\mathcal{O}(3; \{16^4, 8^3, 4, 2\})$	1099511627776

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(3; \{16^6, 2^4\})$	549755813888
16	$\mathcal{O}(3; \{16^6, 4^2, 2\})$	2199023255552
16	$\mathcal{O}(2; \{16^2, 4, 2^{14}\})$	1048576
16	$\mathcal{O}(2; \{16^2, 4^3, 2^{11}\})$	4194304
16	$\mathcal{O}(2; \{16^2, 4^5, 2^8\})$	16777216
16	$\mathcal{O}(2; \{16^2, 4^7, 2^5\})$	67108864
16	$\mathcal{O}(2; \{16^2, 4^9, 2^2\})$	268435456
16	$\mathcal{O}(2; \{16^2, 8^2, 2^{12}\})$	8388608
16	$\mathcal{O}(2; \{16^2, 8^2, 4^2, 2^9\})$	33554432
16	$\mathcal{O}(2; \{16^2, 8^2, 4^4, 2^6\})$	134217728
16	$\mathcal{O}(2; \{16^2, 8^2, 4^6, 2^3\})$	536870912
16	$\mathcal{O}(2; \{16^2, 8^2, 4^8\})$	2147483648
16	$\mathcal{O}(2; \{16^2, 8^4, 4, 2^7\})$	268435456
16	$\mathcal{O}(2; \{16^2, 8^4, 4^3, 2^4\})$	1073741824
16	$\mathcal{O}(2; \{16^2, 8^4, 4^5, 2\})$	4294967296
16	$\mathcal{O}(2; \{16^2, 8^6, 2^5\})$	2147483648
16	$\mathcal{O}(2; \{16^2, 8^6, 4^2, 2^2\})$	8589934592
16	$\mathcal{O}(2; \{16^2, 8^8, 4\})$	68719476736
16	$\mathcal{O}(2; \{16^4, 8, 2^{10}\})$	134217728
16	$\mathcal{O}(2; \{16^4, 8, 4^2, 2^7\})$	536870912
16	$\mathcal{O}(2; \{16^4, 8, 4^4, 2^4\})$	2147483648
16	$\mathcal{O}(2; \{16^4, 8, 4^6, 2\})$	8589934592
16	$\mathcal{O}(2; \{16^4, 8^3, 4, 2^5\})$	4294967296
16	$\mathcal{O}(2; \{16^4, 8^3, 4^3, 2^2\})$	17179869184
16	$\mathcal{O}(2; \{16^4, 8^5, 2^3\})$	34359738368
16	$\mathcal{O}(2; \{16^4, 8^5, 4^2\})$	137438953472
16	$\mathcal{O}(2; \{16^6, 2^8\})$	2147483648
16	$\mathcal{O}(2; \{16^6, 4^2, 2^5\})$	8589934592
16	$\mathcal{O}(2; \{16^6, 4^4, 2^2\})$	34359738368
16	$\mathcal{O}(2; \{16^6, 8^2, 4, 2^3\})$	68719476736
16	$\mathcal{O}(2; \{16^6, 8^2, 4^3\})$	274877906944
16	$\mathcal{O}(2; \{16^6, 8^4, 2\})$	549755813888
16	$\mathcal{O}(2; \{16^8, 8, 4, 2\})$	1099511627776
16	$\mathcal{O}(1; \{16^2, 4, 2^{18}\})$	4096
16	$\mathcal{O}(1; \{16^2, 4^3, 2^{15}\})$	16384
16	$\mathcal{O}(1; \{16^2, 4^5, 2^{12}\})$	65536
16	$\mathcal{O}(1; \{16^2, 4^7, 2^9\})$	262144
16	$\mathcal{O}(1; \{16^2, 4^9, 2^6\})$	1048576
16	$\mathcal{O}(1; \{16^2, 4^{11}, 2^3\})$	4194304
16	$\mathcal{O}(1; \{16^2, 4^{13}\})$	16777216
16	$\mathcal{O}(1; \{16^2, 8^2, 2^{16}\})$	32768
16	$\mathcal{O}(1; \{16^2, 8^2, 4^2, 2^{13}\})$	131072
16	$\mathcal{O}(1; \{16^2, 8^2, 4^4, 2^{10}\})$	524288

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(1; \{16^2, 8^2, 4^6, 2^7\})$	2097152
16	$\mathcal{O}(1; \{16^2, 8^2, 4^8, 2^4\})$	8388608
16	$\mathcal{O}(1; \{16^2, 8^2, 4^{10}, 2\})$	33554432
16	$\mathcal{O}(1; \{16^2, 8^4, 4, 2^{11}\})$	1048576
16	$\mathcal{O}(1; \{16^2, 8^4, 4^3, 2^8\})$	4194304
16	$\mathcal{O}(1; \{16^2, 8^4, 4^5, 2^5\})$	16777216
16	$\mathcal{O}(1; \{16^2, 8^4, 4^7, 2^2\})$	67108864
16	$\mathcal{O}(1; \{16^2, 8^6, 2^9\})$	8388608
16	$\mathcal{O}(1; \{16^2, 8^6, 4^2, 2^6\})$	33554432
16	$\mathcal{O}(1; \{16^2, 8^6, 4^4, 2^3\})$	134217728
16	$\mathcal{O}(1; \{16^2, 8^6, 4^6\})$	536870912
16	$\mathcal{O}(1; \{16^2, 8^8, 4, 2^4\})$	268435456
16	$\mathcal{O}(1; \{16^2, 8^8, 4^3, 2\})$	1073741824
16	$\mathcal{O}(1; \{16^2, 8^{10}, 2^2\})$	2147483648
16	$\mathcal{O}(1; \{16^4, 8, 2^{14}\})$	524288
16	$\mathcal{O}(1; \{16^4, 8, 4^2, 2^{11}\})$	2097152
16	$\mathcal{O}(1; \{16^4, 8, 4^4, 2^8\})$	8388608
16	$\mathcal{O}(1; \{16^4, 8, 4^6, 2^5\})$	33554432
16	$\mathcal{O}(1; \{16^4, 8, 4^8, 2^2\})$	134217728
16	$\mathcal{O}(1; \{16^4, 8^3, 4, 2^9\})$	16777216
16	$\mathcal{O}(1; \{16^4, 8^3, 4^3, 2^6\})$	67108864
16	$\mathcal{O}(1; \{16^4, 8^3, 4^5, 2^3\})$	268435456
16	$\mathcal{O}(1; \{16^4, 8^3, 4^7\})$	1073741824
16	$\mathcal{O}(1; \{16^4, 8^5, 2^7\})$	134217728
16	$\mathcal{O}(1; \{16^4, 8^5, 4^2, 2^4\})$	536870912
16	$\mathcal{O}(1; \{16^4, 8^5, 4^4, 2\})$	2147483648
16	$\mathcal{O}(1; \{16^4, 8^7, 4, 2^2\})$	4294967296
16	$\mathcal{O}(1; \{16^4, 8^9\})$	34359738368
16	$\mathcal{O}(1; \{16^6, 2^{12}\})$	8388608
16	$\mathcal{O}(1; \{16^6, 4^2, 2^9\})$	33554432
16	$\mathcal{O}(1; \{16^6, 4^4, 2^6\})$	134217728
16	$\mathcal{O}(1; \{16^6, 4^6, 2^3\})$	536870912
16	$\mathcal{O}(1; \{16^6, 4^8\})$	2147483648
16	$\mathcal{O}(1; \{16^6, 8^2, 4, 2^7\})$	268435456
16	$\mathcal{O}(1; \{16^6, 8^2, 4^3, 2^4\})$	1073741824
16	$\mathcal{O}(1; \{16^6, 8^2, 4^5, 2\})$	4294967296
16	$\mathcal{O}(1; \{16^6, 8^4, 2^5\})$	2147483648
16	$\mathcal{O}(1; \{16^6, 8^4, 4^2, 2^2\})$	8589934592
16	$\mathcal{O}(1; \{16^6, 8^6, 4\})$	68719476736
16	$\mathcal{O}(1; \{16^8, 8, 4, 2^5\})$	4294967296
16	$\mathcal{O}(1; \{16^8, 8, 4^3, 2^2\})$	17179869184
16	$\mathcal{O}(1; \{16^8, 8^3, 2^3\})$	34359738368
16	$\mathcal{O}(1; \{16^8, 8^3, 4^2\})$	137438953472

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(1; \{16^{10}, 4, 2^3\})$	68719476736
16	$\mathcal{O}(1; \{16^{10}, 4^3\})$	274877906944
16	$\mathcal{O}(1; \{16^{10}, 8^2, 2\})$	549755813888
16	$\mathcal{O}(0; \{16^2, 4, 2^{22}\})$	16
16	$\mathcal{O}(0; \{16^2, 4^3, 2^{19}\})$	64
16	$\mathcal{O}(0; \{16^2, 4^5, 2^{16}\})$	256
16	$\mathcal{O}(0; \{16^2, 4^7, 2^{13}\})$	1024
16	$\mathcal{O}(0; \{16^2, 4^9, 2^{10}\})$	4096
16	$\mathcal{O}(0; \{16^2, 4^{11}, 2^7\})$	16384
16	$\mathcal{O}(0; \{16^2, 4^{13}, 2^4\})$	65536
16	$\mathcal{O}(0; \{16^2, 4^{15}, 2\})$	262144
16	$\mathcal{O}(0; \{16^2, 8^2, 2^{20}\})$	128
16	$\mathcal{O}(0; \{16^2, 8^2, 4^2, 2^{17}\})$	512
16	$\mathcal{O}(0; \{16^2, 8^2, 4^4, 2^{14}\})$	2048
16	$\mathcal{O}(0; \{16^2, 8^2, 4^6, 2^{11}\})$	8192
16	$\mathcal{O}(0; \{16^2, 8^2, 4^8, 2^8\})$	32768
16	$\mathcal{O}(0; \{16^2, 8^2, 4^{10}, 2^5\})$	131072
16	$\mathcal{O}(0; \{16^2, 8^2, 4^{12}, 2^2\})$	524288
16	$\mathcal{O}(0; \{16^2, 8^4, 4, 2^{15}\})$	4096
16	$\mathcal{O}(0; \{16^2, 8^4, 4^3, 2^{12}\})$	16384
16	$\mathcal{O}(0; \{16^2, 8^4, 4^5, 2^9\})$	65536
16	$\mathcal{O}(0; \{16^2, 8^4, 4^7, 2^6\})$	262144
16	$\mathcal{O}(0; \{16^2, 8^4, 4^9, 2^3\})$	1048576
16	$\mathcal{O}(0; \{16^2, 8^4, 4^{11}\})$	4194304
16	$\mathcal{O}(0; \{16^2, 8^6, 2^{13}\})$	32768
16	$\mathcal{O}(0; \{16^2, 8^6, 4^2, 2^{10}\})$	131072
16	$\mathcal{O}(0; \{16^2, 8^6, 4^4, 2^7\})$	524288
16	$\mathcal{O}(0; \{16^2, 8^6, 4^6, 2^4\})$	2097152
16	$\mathcal{O}(0; \{16^2, 8^6, 4^8, 2\})$	8388608
16	$\mathcal{O}(0; \{16^2, 8^8, 4, 2^8\})$	1048576
16	$\mathcal{O}(0; \{16^2, 8^8, 4^3, 2^5\})$	4194304
16	$\mathcal{O}(0; \{16^2, 8^8, 4^5, 2^2\})$	16777216
16	$\mathcal{O}(0; \{16^2, 8^{10}, 2^6\})$	8388608
16	$\mathcal{O}(0; \{16^2, 8^{10}, 4^2, 2^3\})$	33554432
16	$\mathcal{O}(0; \{16^2, 8^{10}, 4^4\})$	134217728
16	$\mathcal{O}(0; \{16^2, 8^{12}, 4, 2\})$	268435456
16	$\mathcal{O}(0; \{16^4, 8, 2^{18}\})$	2048
16	$\mathcal{O}(0; \{16^4, 8, 4^2, 2^{15}\})$	8192
16	$\mathcal{O}(0; \{16^4, 8, 4^4, 2^{12}\})$	32768
16	$\mathcal{O}(0; \{16^4, 8, 4^6, 2^9\})$	131072
16	$\mathcal{O}(0; \{16^4, 8, 4^8, 2^6\})$	524288
16	$\mathcal{O}(0; \{16^4, 8, 4^{10}, 2^3\})$	2097152
16	$\mathcal{O}(0; \{16^4, 8, 4^{12}\})$	8388608

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{16^4, 8^3, 4, 2^{13}\})$	65536
16	$\mathcal{O}(0; \{16^4, 8^3, 4^3, 2^{10}\})$	262144
16	$\mathcal{O}(0; \{16^4, 8^3, 4^5, 2^7\})$	1048576
16	$\mathcal{O}(0; \{16^4, 8^3, 4^7, 2^4\})$	4194304
16	$\mathcal{O}(0; \{16^4, 8^3, 4^9, 2\})$	16777216
16	$\mathcal{O}(0; \{16^4, 8^5, 2^{11}\})$	524288
16	$\mathcal{O}(0; \{16^4, 8^5, 4^2, 2^8\})$	2097152
16	$\mathcal{O}(0; \{16^4, 8^5, 4^4, 2^5\})$	8388608
16	$\mathcal{O}(0; \{16^4, 8^5, 4^6, 2^2\})$	33554432
16	$\mathcal{O}(0; \{16^4, 8^7, 4, 2^6\})$	16777216
16	$\mathcal{O}(0; \{16^4, 8^7, 4^3, 2^3\})$	67108864
16	$\mathcal{O}(0; \{16^4, 8^7, 4^5\})$	268435456
16	$\mathcal{O}(0; \{16^4, 8^9, 2^4\})$	134217728
16	$\mathcal{O}(0; \{16^4, 8^9, 4^2, 2\})$	536870912
16	$\mathcal{O}(0; \{16^6, 2^{16}\})$	32768
16	$\mathcal{O}(0; \{16^6, 4^2, 2^{13}\})$	131072
16	$\mathcal{O}(0; \{16^6, 4^4, 2^{10}\})$	524288
16	$\mathcal{O}(0; \{16^6, 4^6, 2^7\})$	2097152
16	$\mathcal{O}(0; \{16^6, 4^8, 2^4\})$	8388608
16	$\mathcal{O}(0; \{16^6, 4^{10}, 2\})$	33554432
16	$\mathcal{O}(0; \{16^6, 8^2, 4, 2^{11}\})$	1048576
16	$\mathcal{O}(0; \{16^6, 8^2, 4^3, 2^8\})$	4194304
16	$\mathcal{O}(0; \{16^6, 8^2, 4^5, 2^5\})$	16777216
16	$\mathcal{O}(0; \{16^6, 8^2, 4^7, 2^2\})$	67108864
16	$\mathcal{O}(0; \{16^6, 8^4, 2^9\})$	8388608
16	$\mathcal{O}(0; \{16^6, 8^4, 4^2, 2^6\})$	33554432
16	$\mathcal{O}(0; \{16^6, 8^4, 4^4, 2^3\})$	134217728
16	$\mathcal{O}(0; \{16^6, 8^4, 4^6\})$	536870912
16	$\mathcal{O}(0; \{16^6, 8^6, 4, 2^4\})$	268435456
16	$\mathcal{O}(0; \{16^6, 8^6, 4^3, 2\})$	1073741824
16	$\mathcal{O}(0; \{16^6, 8^8, 2^2\})$	2147483648
16	$\mathcal{O}(0; \{16^8, 8, 4, 2^9\})$	16777216
16	$\mathcal{O}(0; \{16^8, 8, 4^3, 2^6\})$	67108864
16	$\mathcal{O}(0; \{16^8, 8, 4^5, 2^3\})$	268435456
16	$\mathcal{O}(0; \{16^8, 8, 4^7\})$	1073741824
16	$\mathcal{O}(0; \{16^8, 8^3, 2^7\})$	134217728
16	$\mathcal{O}(0; \{16^8, 8^3, 4^2, 2^4\})$	536870912
16	$\mathcal{O}(0; \{16^8, 8^3, 4^4, 2\})$	2147483648
16	$\mathcal{O}(0; \{16^8, 8^5, 4, 2^2\})$	4294967296
16	$\mathcal{O}(0; \{16^8, 8^7\})$	34359738368
16	$\mathcal{O}(0; \{16^{10}, 4, 2^7\})$	268435456
16	$\mathcal{O}(0; \{16^{10}, 4^3, 2^4\})$	1073741824
16	$\mathcal{O}(0; \{16^{10}, 4^5, 2\})$	4294967296

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{16^{10}, 8^2, 2^5\})$	2147483648
16	$\mathcal{O}(0; \{16^{10}, 8^2, 4^2, 2^2\})$	8589934592
16	$\mathcal{O}(0; \{16^{10}, 8^4, 4\})$	68719476736
16	$\mathcal{O}(0; \{16^{12}, 8, 2^3\})$	34359738368
16	$\mathcal{O}(0; \{16^{12}, 8, 4^2\})$	137438953472
16	$\mathcal{O}(0; \{16^{14}, 2\})$	549755813888
18	$\mathcal{O}(5; \{3^2, 2^2\})$	7140813520896
18	$\mathcal{O}(5; \{6^2, 3\})$	7140813520896
18	$\mathcal{O}(5; \{18, 9, 2\})$	21422803359744
18	$\mathcal{O}(4; \{3^2, 2^6\})$	22036561920
18	$\mathcal{O}(4; \{3^5, 2^2\})$	110182809600
18	$\mathcal{O}(4; \{6, 3^3, 2^3\})$	66109685760
18	$\mathcal{O}(4; \{6^2, 3, 2^4\})$	22036561920
18	$\mathcal{O}(4; \{6^2, 3^4\})$	242402181120
18	$\mathcal{O}(4; \{6^3, 3^2, 2\})$	110182809600
18	$\mathcal{O}(4; \{6^4, 2^2\})$	66109685760
18	$\mathcal{O}(4; \{9^3, 3, 2^2\})$	396718580736
18	$\mathcal{O}(4; \{9^3, 6^2\})$	793437161472
18	$\mathcal{O}(4; \{18, 9, 2^5\})$	66119763456
18	$\mathcal{O}(4; \{18, 9, 3^3, 2\})$	528958107648
18	$\mathcal{O}(4; \{18, 9, 6, 3, 2^2\})$	264479053824
18	$\mathcal{O}(4; \{18, 9, 6^3\})$	528958107648
18	$\mathcal{O}(4; \{18^2, 9^2, 3\})$	3570467226624
18	$\mathcal{O}(4; \{18^3, 2^3\})$	198359290368
18	$\mathcal{O}(4; \{18^3, 6, 3\})$	793437161472
18	$\mathcal{O}(3; \{3^2, 2^{10}\})$	67931136
18	$\mathcal{O}(3; \{3^5, 2^6\})$	339655680
18	$\mathcal{O}(3; \{3^8, 2^2\})$	2921038848
18	$\mathcal{O}(3; \{6, 3^3, 2^7\})$	203793408
18	$\mathcal{O}(3; \{6, 3^6, 2^3\})$	1426553856
18	$\mathcal{O}(3; \{6^2, 3, 2^8\})$	67931136
18	$\mathcal{O}(3; \{6^2, 3^4, 2^4\})$	747242496
18	$\mathcal{O}(3; \{6^2, 3^7\})$	5774146560
18	$\mathcal{O}(3; \{6^3, 3^2, 2^5\})$	339655680
18	$\mathcal{O}(3; \{6^3, 3^5, 2\})$	2921038848
18	$\mathcal{O}(3; \{6^4, 2^6\})$	203793408
18	$\mathcal{O}(3; \{6^4, 3^3, 2^2\})$	1426553856
18	$\mathcal{O}(3; \{6^5, 3, 2^3\})$	747242496
18	$\mathcal{O}(3; \{6^6, 3^2\})$	2921038848
18	$\mathcal{O}(3; \{6^7, 2\})$	1426553856
18	$\mathcal{O}(3; \{9^3, 3, 2^6\})$	1224440064
18	$\mathcal{O}(3; \{9^3, 3^4, 2^2\})$	9795520512
18	$\mathcal{O}(3; \{9^3, 6, 3^2, 2^3\})$	4897760256

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(3; \{9^3, 6^2, 2^4\})$	2448880128
18	$\mathcal{O}(3; \{9^3, 6^2, 3^3\})$	19591041024
18	$\mathcal{O}(3; \{9^3, 6^3, 3, 2\})$	9795520512
18	$\mathcal{O}(3; \{9^6, 2^2\})$	181829349504
18	$\mathcal{O}(3; \{18, 9, 2^9\})$	204073344
18	$\mathcal{O}(3; \{18, 9, 3^3, 2^5\})$	1632586752
18	$\mathcal{O}(3; \{18, 9, 3^6, 2\})$	13060694016
18	$\mathcal{O}(3; \{18, 9, 6, 3, 2^6\})$	816293376
18	$\mathcal{O}(3; \{18, 9, 6, 3^4, 2^2\})$	6530347008
18	$\mathcal{O}(3; \{18, 9, 6^2, 3^2, 2^3\})$	3265173504
18	$\mathcal{O}(3; \{18, 9, 6^3, 2^4\})$	1632586752
18	$\mathcal{O}(3; \{18, 9, 6^3, 3^3\})$	13060694016
18	$\mathcal{O}(3; \{18, 9, 6^4, 3, 2\})$	6530347008
18	$\mathcal{O}(3; \{18, 9^4, 3^2, 2\})$	110199605760
18	$\mathcal{O}(3; \{18, 9^4, 6, 2^2\})$	55099802880
18	$\mathcal{O}(3; \{18^2, 9^2, 3, 2^4\})$	11019960576
18	$\mathcal{O}(3; \{18^2, 9^2, 3^4\})$	88159684608
18	$\mathcal{O}(3; \{18^2, 9^2, 6, 3^2, 2\})$	44079842304
18	$\mathcal{O}(3; \{18^2, 9^2, 6^2, 2^2\})$	22039921152
18	$\mathcal{O}(3; \{18^2, 9^5\})$	1041386274432
18	$\mathcal{O}(3; \{18^3, 2^7\})$	612220032
18	$\mathcal{O}(3; \{18^3, 3^3, 2^3\})$	4897760256
18	$\mathcal{O}(3; \{18^3, 6, 3, 2^4\})$	2448880128
18	$\mathcal{O}(3; \{18^3, 6, 3^4\})$	19591041024
18	$\mathcal{O}(3; \{18^3, 6^2, 3^2, 2\})$	9795520512
18	$\mathcal{O}(3; \{18^3, 6^3, 2^2\})$	4897760256
18	$\mathcal{O}(3; \{18^3, 9^3, 6\})$	363658699008
18	$\mathcal{O}(3; \{18^4, 9, 3, 2^2\})$	55099802880
18	$\mathcal{O}(3; \{18^4, 9, 6^2\})$	110199605760
18	$\mathcal{O}(3; \{18^6, 3\})$	363658699008
18	$\mathcal{O}(2; \{3^2, 2^{14}\})$	207360
18	$\mathcal{O}(2; \{3^5, 2^{10}\})$	1036800
18	$\mathcal{O}(2; \{3^8, 2^6\})$	8916480
18	$\mathcal{O}(2; \{3^{11}, 2^2\})$	70709760
18	$\mathcal{O}(2; \{6, 3^3, 2^{11}\})$	622080
18	$\mathcal{O}(2; \{6, 3^6, 2^7\})$	4354560
18	$\mathcal{O}(2; \{6, 3^9, 2^3\})$	35458560
18	$\mathcal{O}(2; \{6^2, 3, 2^{12}\})$	207360
18	$\mathcal{O}(2; \{6^2, 3^4, 2^8\})$	2280960
18	$\mathcal{O}(2; \{6^2, 3^7, 2^4\})$	17625600
18	$\mathcal{O}(2; \{6^2, 3^{10}\})$	141626880
18	$\mathcal{O}(2; \{6^3, 3^2, 2^9\})$	1036800
18	$\mathcal{O}(2; \{6^3, 3^5, 2^5\})$	8916480

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(2; \{6^3, 3^8, 2\})$	70709760
18	$\mathcal{O}(2; \{6^4, 2^{10}\})$	622080
18	$\mathcal{O}(2; \{6^4, 3^3, 2^6\})$	4354560
18	$\mathcal{O}(2; \{6^4, 3^6, 2^2\})$	35458560
18	$\mathcal{O}(2; \{6^5, 3, 2^7\})$	2280960
18	$\mathcal{O}(2; \{6^5, 3^4, 2^3\})$	17625600
18	$\mathcal{O}(2; \{6^6, 3^2, 2^4\})$	8916480
18	$\mathcal{O}(2; \{6^6, 3^5\})$	70709760
18	$\mathcal{O}(2; \{6^7, 2^5\})$	4354560
18	$\mathcal{O}(2; \{6^7, 3^3, 2\})$	35458560
18	$\mathcal{O}(2; \{6^8, 3, 2^2\})$	17625600
18	$\mathcal{O}(2; \{6^{10}\})$	35458560
18	$\mathcal{O}(2; \{9^3, 3, 2^{10}\})$	3779136
18	$\mathcal{O}(2; \{9^3, 3^4, 2^6\})$	30233088
18	$\mathcal{O}(2; \{9^3, 3^7, 2^2\})$	241864704
18	$\mathcal{O}(2; \{9^3, 6, 3^2, 2^7\})$	15116544
18	$\mathcal{O}(2; \{9^3, 6, 3^5, 2^3\})$	120932352
18	$\mathcal{O}(2; \{9^3, 6^2, 2^8\})$	7558272
18	$\mathcal{O}(2; \{9^3, 6^2, 3^3, 2^4\})$	60466176
18	$\mathcal{O}(2; \{9^3, 6^2, 3^6\})$	483729408
18	$\mathcal{O}(2; \{9^3, 6^3, 3, 2^5\})$	30233088
18	$\mathcal{O}(2; \{9^3, 6^3, 3^4, 2\})$	241864704
18	$\mathcal{O}(2; \{9^3, 6^4, 3^2, 2^2\})$	120932352
18	$\mathcal{O}(2; \{9^3, 6^5, 2^3\})$	60466176
18	$\mathcal{O}(2; \{9^3, 6^6, 3\})$	241864704
18	$\mathcal{O}(2; \{9^6, 2^6\})$	561201696
18	$\mathcal{O}(2; \{9^6, 3^3, 2^2\})$	4489613568
18	$\mathcal{O}(2; \{9^6, 6, 3, 2^3\})$	2244806784
18	$\mathcal{O}(2; \{9^6, 6^2, 3^2\})$	8979227136
18	$\mathcal{O}(2; \{9^6, 6^3, 2\})$	4489613568
18	$\mathcal{O}(2; \{18, 9, 2^{13}\})$	629856
18	$\mathcal{O}(2; \{18, 9, 3^3, 2^9\})$	5038848
18	$\mathcal{O}(2; \{18, 9, 3^6, 2^5\})$	40310784
18	$\mathcal{O}(2; \{18, 9, 3^9, 2\})$	322486272
18	$\mathcal{O}(2; \{18, 9, 6, 3, 2^{10}\})$	2519424
18	$\mathcal{O}(2; \{18, 9, 6, 3^4, 2^6\})$	20155392
18	$\mathcal{O}(2; \{18, 9, 6, 3^7, 2^2\})$	161243136
18	$\mathcal{O}(2; \{18, 9, 6^2, 3^2, 2^7\})$	10077696
18	$\mathcal{O}(2; \{18, 9, 6^2, 3^5, 2^3\})$	80621568
18	$\mathcal{O}(2; \{18, 9, 6^3, 2^8\})$	5038848
18	$\mathcal{O}(2; \{18, 9, 6^3, 3^3, 2^4\})$	40310784
18	$\mathcal{O}(2; \{18, 9, 6^3, 3^6\})$	322486272
18	$\mathcal{O}(2; \{18, 9, 6^4, 3, 2^5\})$	20155392

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(2; \{18, 9, 6^4, 3^4, 2\})$	161243136
18	$\mathcal{O}(2; \{18, 9, 6^5, 3^2, 2^2\})$	80621568
18	$\mathcal{O}(2; \{18, 9, 6^6, 2^3\})$	40310784
18	$\mathcal{O}(2; \{18, 9, 6^7, 3\})$	161243136
18	$\mathcal{O}(2; \{18, 9^4, 3^2, 2^5\})$	340122240
18	$\mathcal{O}(2; \{18, 9^4, 3^5, 2\})$	2720977920
18	$\mathcal{O}(2; \{18, 9^4, 6, 2^6\})$	170061120
18	$\mathcal{O}(2; \{18, 9^4, 6, 3^3, 2^2\})$	1360488960
18	$\mathcal{O}(2; \{18, 9^4, 6^2, 3, 2^3\})$	680244480
18	$\mathcal{O}(2; \{18, 9^4, 6^3, 3^2\})$	2720977920
18	$\mathcal{O}(2; \{18, 9^4, 6^4, 2\})$	1360488960
18	$\mathcal{O}(2; \{18, 9^7, 3, 2\})$	39488192064
18	$\mathcal{O}(2; \{18^2, 9^2, 3, 2^8\})$	34012224
18	$\mathcal{O}(2; \{18^2, 9^2, 3^4, 2^4\})$	272097792
18	$\mathcal{O}(2; \{18^2, 9^2, 3^7\})$	2176782336
18	$\mathcal{O}(2; \{18^2, 9^2, 6, 3^2, 2^5\})$	136048896
18	$\mathcal{O}(2; \{18^2, 9^2, 6, 3^5, 2\})$	1088391168
18	$\mathcal{O}(2; \{18^2, 9^2, 6^2, 2^6\})$	68024448
18	$\mathcal{O}(2; \{18^2, 9^2, 6^2, 3^3, 2^2\})$	544195584
18	$\mathcal{O}(2; \{18^2, 9^2, 6^3, 3, 2^3\})$	272097792
18	$\mathcal{O}(2; \{18^2, 9^2, 6^4, 3^2\})$	1088391168
18	$\mathcal{O}(2; \{18^2, 9^2, 6^5, 2\})$	544195584
18	$\mathcal{O}(2; \{18^2, 9^5, 2^4\})$	3214155168
18	$\mathcal{O}(2; \{18^2, 9^5, 3^3\})$	25713241344
18	$\mathcal{O}(2; \{18^2, 9^5, 6, 3, 2\})$	12856620672
18	$\mathcal{O}(2; \{18^3, 2^{11}\})$	1889568
18	$\mathcal{O}(2; \{18^3, 3^3, 2^7\})$	15116544
18	$\mathcal{O}(2; \{18^3, 3^6, 2^3\})$	120932352
18	$\mathcal{O}(2; \{18^3, 6, 3, 2^8\})$	7558272
18	$\mathcal{O}(2; \{18^3, 6, 3^4, 2^4\})$	60466176
18	$\mathcal{O}(2; \{18^3, 6, 3^7\})$	483729408
18	$\mathcal{O}(2; \{18^3, 6^2, 3^2, 2^5\})$	30233088
18	$\mathcal{O}(2; \{18^3, 6^2, 3^5, 2\})$	241864704
18	$\mathcal{O}(2; \{18^3, 6^3, 2^6\})$	15116544
18	$\mathcal{O}(2; \{18^3, 6^3, 3^3, 2^2\})$	120932352
18	$\mathcal{O}(2; \{18^3, 6^4, 3, 2^3\})$	60466176
18	$\mathcal{O}(2; \{18^3, 6^5, 3^2\})$	241864704
18	$\mathcal{O}(2; \{18^3, 6^6, 2\})$	120932352
18	$\mathcal{O}(2; \{18^3, 9^3, 3^2, 2^3\})$	2244806784
18	$\mathcal{O}(2; \{18^3, 9^3, 6, 2^4\})$	1122403392
18	$\mathcal{O}(2; \{18^3, 9^3, 6, 3^3\})$	8979227136
18	$\mathcal{O}(2; \{18^3, 9^3, 6^2, 3, 2\})$	4489613568
18	$\mathcal{O}(2; \{18^4, 9, 3, 2^6\})$	170061120

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(2; \{18^4, 9, 3^4, 2^2\})$	1360488960
18	$\mathcal{O}(2; \{18^4, 9, 6, 3^2, 2^3\})$	680244480
18	$\mathcal{O}(2; \{18^4, 9, 6^2, 2^4\})$	340122240
18	$\mathcal{O}(2; \{18^4, 9, 6^2, 3^3\})$	2720977920
18	$\mathcal{O}(2; \{18^4, 9, 6^3, 3, 2\})$	1360488960
18	$\mathcal{O}(2; \{18^4, 9^4, 2^2\})$	19744096032
18	$\mathcal{O}(2; \{18^5, 9^2, 3^2, 2\})$	12856620672
18	$\mathcal{O}(2; \{18^5, 9^2, 6, 2^2\})$	6428310336
18	$\mathcal{O}(2; \{18^6, 3, 2^4\})$	1122403392
18	$\mathcal{O}(2; \{18^6, 3^4\})$	8979227136
18	$\mathcal{O}(2; \{18^6, 6, 3^2, 2\})$	4489613568
18	$\mathcal{O}(2; \{18^6, 6^2, 2^2\})$	2244806784
18	$\mathcal{O}(2; \{18^6, 9^3\})$	117087081120
18	$\mathcal{O}(2; \{18^7, 9, 6\})$	39488192064
18	$\mathcal{O}(1; \{3^2, 2^{18}\})$	576
18	$\mathcal{O}(1; \{3^5, 2^{14}\})$	2880
18	$\mathcal{O}(1; \{3^8, 2^{10}\})$	24768
18	$\mathcal{O}(1; \{3^{11}, 2^6\})$	196416
18	$\mathcal{O}(1; \{3^{14}, 2^2\})$	1573056
18	$\mathcal{O}(1; \{6, 3^3, 2^{15}\})$	1728
18	$\mathcal{O}(1; \{6, 3^6, 2^{11}\})$	12096
18	$\mathcal{O}(1; \{6, 3^9, 2^7\})$	98496
18	$\mathcal{O}(1; \{6, 3^{12}, 2^3\})$	786240
18	$\mathcal{O}(1; \{6^2, 3, 2^{16}\})$	576
18	$\mathcal{O}(1; \{6^2, 3^4, 2^{12}\})$	6336
18	$\mathcal{O}(1; \{6^2, 3^7, 2^8\})$	48960
18	$\mathcal{O}(1; \{6^2, 3^{10}, 2^4\})$	393408
18	$\mathcal{O}(1; \{6^2, 3^{13}\})$	3145536
18	$\mathcal{O}(1; \{6^3, 3^2, 2^{13}\})$	2880
18	$\mathcal{O}(1; \{6^3, 3^5, 2^9\})$	24768
18	$\mathcal{O}(1; \{6^3, 3^8, 2^5\})$	196416
18	$\mathcal{O}(1; \{6^3, 3^{11}, 2\})$	1573056
18	$\mathcal{O}(1; \{6^4, 2^{14}\})$	1728
18	$\mathcal{O}(1; \{6^4, 3^3, 2^{10}\})$	12096
18	$\mathcal{O}(1; \{6^4, 3^6, 2^6\})$	98496
18	$\mathcal{O}(1; \{6^4, 3^9, 2^2\})$	786240
18	$\mathcal{O}(1; \{6^5, 3, 2^{11}\})$	6336
18	$\mathcal{O}(1; \{6^5, 3^4, 2^7\})$	48960
18	$\mathcal{O}(1; \{6^5, 3^7, 2^3\})$	393408
18	$\mathcal{O}(1; \{6^6, 3^2, 2^8\})$	24768
18	$\mathcal{O}(1; \{6^6, 3^5, 2^4\})$	196416
18	$\mathcal{O}(1; \{6^6, 3^8\})$	1573056
18	$\mathcal{O}(1; \{6^7, 2^9\})$	12096

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{6^7, 3^3, 2^5\})$	98496
18	$\mathcal{O}(1; \{6^7, 3^6, 2\})$	786240
18	$\mathcal{O}(1; \{6^8, 3, 2^6\})$	48960
18	$\mathcal{O}(1; \{6^8, 3^4, 2^2\})$	393408
18	$\mathcal{O}(1; \{6^9, 3^2, 2^3\})$	196416
18	$\mathcal{O}(1; \{6^{10}, 2^4\})$	98496
18	$\mathcal{O}(1; \{6^{10}, 3^3\})$	786240
18	$\mathcal{O}(1; \{6^{11}, 3, 2\})$	393408
18	$\mathcal{O}(1; \{9^3, 3, 2^{14}\})$	11664
18	$\mathcal{O}(1; \{9^3, 3^4, 2^{10}\})$	93312
18	$\mathcal{O}(1; \{9^3, 3^7, 2^6\})$	746496
18	$\mathcal{O}(1; \{9^3, 3^{10}, 2^2\})$	5971968
18	$\mathcal{O}(1; \{9^3, 6, 3^2, 2^{11}\})$	46656
18	$\mathcal{O}(1; \{9^3, 6, 3^5, 2^7\})$	373248
18	$\mathcal{O}(1; \{9^3, 6, 3^8, 2^3\})$	2985984
18	$\mathcal{O}(1; \{9^3, 6^2, 2^{12}\})$	23328
18	$\mathcal{O}(1; \{9^3, 6^2, 3^3, 2^8\})$	186624
18	$\mathcal{O}(1; \{9^3, 6^2, 3^6, 2^4\})$	1492992
18	$\mathcal{O}(1; \{9^3, 6^2, 3^9\})$	11943936
18	$\mathcal{O}(1; \{9^3, 6^3, 3, 2^9\})$	93312
18	$\mathcal{O}(1; \{9^3, 6^3, 3^4, 2^5\})$	746496
18	$\mathcal{O}(1; \{9^3, 6^3, 3^7, 2\})$	5971968
18	$\mathcal{O}(1; \{9^3, 6^4, 3^2, 2^6\})$	373248
18	$\mathcal{O}(1; \{9^3, 6^4, 3^5, 2^2\})$	2985984
18	$\mathcal{O}(1; \{9^3, 6^5, 2^7\})$	186624
18	$\mathcal{O}(1; \{9^3, 6^5, 3^3, 2^3\})$	1492992
18	$\mathcal{O}(1; \{9^3, 6^6, 3, 2^4\})$	746496
18	$\mathcal{O}(1; \{9^3, 6^6, 3^4\})$	5971968
18	$\mathcal{O}(1; \{9^3, 6^7, 3^2, 2\})$	2985984
18	$\mathcal{O}(1; \{9^3, 6^8, 2^2\})$	1492992
18	$\mathcal{O}(1; \{9^6, 2^{10}\})$	1732104
18	$\mathcal{O}(1; \{9^6, 3^3, 2^6\})$	13856832
18	$\mathcal{O}(1; \{9^6, 3^6, 2^2\})$	110854656
18	$\mathcal{O}(1; \{9^6, 6, 3, 2^7\})$	6928416
18	$\mathcal{O}(1; \{9^6, 6, 3^4, 2^3\})$	55427328
18	$\mathcal{O}(1; \{9^6, 6^2, 3^2, 2^4\})$	27713664
18	$\mathcal{O}(1; \{9^6, 6^2, 3^5\})$	221709312
18	$\mathcal{O}(1; \{9^6, 6^3, 2^5\})$	13856832
18	$\mathcal{O}(1; \{9^6, 6^3, 3^3, 2\})$	110854656
18	$\mathcal{O}(1; \{9^6, 6^4, 3, 2^2\})$	55427328
18	$\mathcal{O}(1; \{9^6, 6^6\})$	110854656
18	$\mathcal{O}(1; \{9^9, 3^2, 2^2\})$	1445519520
18	$\mathcal{O}(1; \{9^9, 6, 2^3\})$	722759760

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{9^9, 6^2, 3\})$	2891039040
18	$\mathcal{O}(1; \{18, 9, 2^{17}\})$	1944
18	$\mathcal{O}(1; \{18, 9, 3^3, 2^{13}\})$	15552
18	$\mathcal{O}(1; \{18, 9, 3^6, 2^9\})$	124416
18	$\mathcal{O}(1; \{18, 9, 3^9, 2^5\})$	995328
18	$\mathcal{O}(1; \{18, 9, 3^{12}, 2\})$	7962624
18	$\mathcal{O}(1; \{18, 9, 6, 3, 2^{14}\})$	7776
18	$\mathcal{O}(1; \{18, 9, 6, 3^4, 2^{10}\})$	62208
18	$\mathcal{O}(1; \{18, 9, 6, 3^7, 2^6\})$	497664
18	$\mathcal{O}(1; \{18, 9, 6, 3^{10}, 2^2\})$	3981312
18	$\mathcal{O}(1; \{18, 9, 6^2, 3^2, 2^{11}\})$	31104
18	$\mathcal{O}(1; \{18, 9, 6^2, 3^5, 2^7\})$	248832
18	$\mathcal{O}(1; \{18, 9, 6^2, 3^8, 2^3\})$	1990656
18	$\mathcal{O}(1; \{18, 9, 6^3, 2^{12}\})$	15552
18	$\mathcal{O}(1; \{18, 9, 6^3, 3^3, 2^8\})$	124416
18	$\mathcal{O}(1; \{18, 9, 6^3, 3^6, 2^4\})$	995328
18	$\mathcal{O}(1; \{18, 9, 6^3, 3^9\})$	7962624
18	$\mathcal{O}(1; \{18, 9, 6^4, 3, 2^9\})$	62208
18	$\mathcal{O}(1; \{18, 9, 6^4, 3^4, 2^5\})$	497664
18	$\mathcal{O}(1; \{18, 9, 6^4, 3^7, 2\})$	3981312
18	$\mathcal{O}(1; \{18, 9, 6^5, 3^2, 2^6\})$	248832
18	$\mathcal{O}(1; \{18, 9, 6^5, 3^5, 2^2\})$	1990656
18	$\mathcal{O}(1; \{18, 9, 6^6, 2^7\})$	124416
18	$\mathcal{O}(1; \{18, 9, 6^6, 3^3, 2^3\})$	995328
18	$\mathcal{O}(1; \{18, 9, 6^7, 3, 2^4\})$	497664
18	$\mathcal{O}(1; \{18, 9, 6^7, 3^4\})$	3981312
18	$\mathcal{O}(1; \{18, 9, 6^8, 3^2, 2\})$	1990656
18	$\mathcal{O}(1; \{18, 9, 6^9, 2^2\})$	995328
18	$\mathcal{O}(1; \{18, 9^4, 3^2, 2^9\})$	1049760
18	$\mathcal{O}(1; \{18, 9^4, 3^5, 2^5\})$	8398080
18	$\mathcal{O}(1; \{18, 9^4, 3^8, 2\})$	67184640
18	$\mathcal{O}(1; \{18, 9^4, 6, 2^{10}\})$	524880
18	$\mathcal{O}(1; \{18, 9^4, 6, 3^3, 2^6\})$	4199040
18	$\mathcal{O}(1; \{18, 9^4, 6, 3^6, 2^2\})$	33592320
18	$\mathcal{O}(1; \{18, 9^4, 6^2, 3, 2^7\})$	2099520
18	$\mathcal{O}(1; \{18, 9^4, 6^2, 3^4, 2^3\})$	16796160
18	$\mathcal{O}(1; \{18, 9^4, 6^3, 3^2, 2^4\})$	8398080
18	$\mathcal{O}(1; \{18, 9^4, 6^3, 3^5\})$	67184640
18	$\mathcal{O}(1; \{18, 9^4, 6^4, 2^5\})$	4199040
18	$\mathcal{O}(1; \{18, 9^4, 6^4, 3^3, 2\})$	33592320
18	$\mathcal{O}(1; \{18, 9^4, 6^5, 3, 2^2\})$	16796160
18	$\mathcal{O}(1; \{18, 9^4, 6^7\})$	33592320
18	$\mathcal{O}(1; \{18, 9^7, 3, 2^5\})$	121877136

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18, 9^7, 3^4, 2\})$	975017088
18	$\mathcal{O}(1; \{18, 9^7, 6, 3^2, 2^2\})$	487508544
18	$\mathcal{O}(1; \{18, 9^7, 6^2, 2^3\})$	243754272
18	$\mathcal{O}(1; \{18, 9^7, 6^3, 3\})$	975017088
18	$\mathcal{O}(1; \{18, 9^{10}, 2\})$	13047939432
18	$\mathcal{O}(1; \{18^2, 9^2, 3, 2^{12}\})$	104976
18	$\mathcal{O}(1; \{18^2, 9^2, 3^4, 2^8\})$	839808
18	$\mathcal{O}(1; \{18^2, 9^2, 3^7, 2^4\})$	6718464
18	$\mathcal{O}(1; \{18^2, 9^2, 3^{10}\})$	53747712
18	$\mathcal{O}(1; \{18^2, 9^2, 6, 3^2, 2^9\})$	419904
18	$\mathcal{O}(1; \{18^2, 9^2, 6, 3^5, 2^5\})$	3359232
18	$\mathcal{O}(1; \{18^2, 9^2, 6, 3^8, 2\})$	26873856
18	$\mathcal{O}(1; \{18^2, 9^2, 6^2, 2^{10}\})$	209952
18	$\mathcal{O}(1; \{18^2, 9^2, 6^2, 3^3, 2^6\})$	1679616
18	$\mathcal{O}(1; \{18^2, 9^2, 6^2, 3^6, 2^2\})$	13436928
18	$\mathcal{O}(1; \{18^2, 9^2, 6^3, 3, 2^7\})$	839808
18	$\mathcal{O}(1; \{18^2, 9^2, 6^3, 3^4, 2^3\})$	6718464
18	$\mathcal{O}(1; \{18^2, 9^2, 6^4, 3^2, 2^4\})$	3359232
18	$\mathcal{O}(1; \{18^2, 9^2, 6^4, 3^5\})$	26873856
18	$\mathcal{O}(1; \{18^2, 9^2, 6^5, 2^5\})$	1679616
18	$\mathcal{O}(1; \{18^2, 9^2, 6^5, 3^3, 2\})$	13436928
18	$\mathcal{O}(1; \{18^2, 9^2, 6^6, 3, 2^2\})$	6718464
18	$\mathcal{O}(1; \{18^2, 9^2, 6^8\})$	13436928
18	$\mathcal{O}(1; \{18^2, 9^5, 2^8\})$	9920232
18	$\mathcal{O}(1; \{18^2, 9^5, 3^3, 2^4\})$	79361856
18	$\mathcal{O}(1; \{18^2, 9^5, 3^6\})$	634894848
18	$\mathcal{O}(1; \{18^2, 9^5, 6, 3, 2^5\})$	39680928
18	$\mathcal{O}(1; \{18^2, 9^5, 6, 3^4, 2\})$	317447424
18	$\mathcal{O}(1; \{18^2, 9^5, 6^2, 3^2, 2^2\})$	158723712
18	$\mathcal{O}(1; \{18^2, 9^5, 6^3, 2^3\})$	79361856
18	$\mathcal{O}(1; \{18^2, 9^5, 6^4, 3\})$	317447424
18	$\mathcal{O}(1; \{18^2, 9^8, 3^2\})$	8724135456
18	$\mathcal{O}(1; \{18^2, 9^8, 6, 2\})$	4362067728
18	$\mathcal{O}(1; \{18^3, 2^{15}\})$	5832
18	$\mathcal{O}(1; \{18^3, 3^3, 2^{11}\})$	46656
18	$\mathcal{O}(1; \{18^3, 3^6, 2^7\})$	373248
18	$\mathcal{O}(1; \{18^3, 3^9, 2^3\})$	2985984
18	$\mathcal{O}(1; \{18^3, 6, 3, 2^{12}\})$	23328
18	$\mathcal{O}(1; \{18^3, 6, 3^4, 2^8\})$	186624
18	$\mathcal{O}(1; \{18^3, 6, 3^7, 2^4\})$	1492992
18	$\mathcal{O}(1; \{18^3, 6, 3^{10}\})$	11943936
18	$\mathcal{O}(1; \{18^3, 6^2, 3^2, 2^9\})$	93312
18	$\mathcal{O}(1; \{18^3, 6^2, 3^5, 2^5\})$	746496

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18^3, 6^2, 3^8, 2\})$	5971968
18	$\mathcal{O}(1; \{18^3, 6^3, 2^{10}\})$	46656
18	$\mathcal{O}(1; \{18^3, 6^3, 3^3, 2^6\})$	373248
18	$\mathcal{O}(1; \{18^3, 6^3, 3^6, 2^2\})$	2985984
18	$\mathcal{O}(1; \{18^3, 6^4, 3, 2^7\})$	186624
18	$\mathcal{O}(1; \{18^3, 6^4, 3^4, 2^3\})$	1492992
18	$\mathcal{O}(1; \{18^3, 6^5, 3^2, 2^4\})$	746496
18	$\mathcal{O}(1; \{18^3, 6^5, 3^5\})$	5971968
18	$\mathcal{O}(1; \{18^3, 6^6, 2^5\})$	373248
18	$\mathcal{O}(1; \{18^3, 6^6, 3^3, 2\})$	2985984
18	$\mathcal{O}(1; \{18^3, 6^7, 3, 2^2\})$	1492992
18	$\mathcal{O}(1; \{18^3, 6^9\})$	2985984
18	$\mathcal{O}(1; \{18^3, 9^3, 3^2, 2^7\})$	6928416
18	$\mathcal{O}(1; \{18^3, 9^3, 3^5, 2^3\})$	55427328
18	$\mathcal{O}(1; \{18^3, 9^3, 6, 2^8\})$	3464208
18	$\mathcal{O}(1; \{18^3, 9^3, 6, 3^3, 2^4\})$	27713664
18	$\mathcal{O}(1; \{18^3, 9^3, 6, 3^6\})$	221709312
18	$\mathcal{O}(1; \{18^3, 9^3, 6^2, 3, 2^5\})$	13856832
18	$\mathcal{O}(1; \{18^3, 9^3, 6^2, 3^4, 2\})$	110854656
18	$\mathcal{O}(1; \{18^3, 9^3, 6^3, 3^2, 2^2\})$	55427328
18	$\mathcal{O}(1; \{18^3, 9^3, 6^4, 2^3\})$	27713664
18	$\mathcal{O}(1; \{18^3, 9^3, 6^5, 3\})$	110854656
18	$\mathcal{O}(1; \{18^3, 9^6, 3, 2^3\})$	722759760
18	$\mathcal{O}(1; \{18^3, 9^6, 6, 3^2\})$	2891039040
18	$\mathcal{O}(1; \{18^3, 9^6, 6^2, 2\})$	1445519520
18	$\mathcal{O}(1; \{18^4, 9, 3, 2^{10}\})$	524880
18	$\mathcal{O}(1; \{18^4, 9, 3^4, 2^6\})$	4199040
18	$\mathcal{O}(1; \{18^4, 9, 3^7, 2^2\})$	33592320
18	$\mathcal{O}(1; \{18^4, 9, 6, 3^2, 2^7\})$	2099520
18	$\mathcal{O}(1; \{18^4, 9, 6, 3^5, 2^3\})$	16796160
18	$\mathcal{O}(1; \{18^4, 9, 6^2, 2^8\})$	1049760
18	$\mathcal{O}(1; \{18^4, 9, 6^2, 3^3, 2^4\})$	8398080
18	$\mathcal{O}(1; \{18^4, 9, 6^2, 3^6\})$	67184640
18	$\mathcal{O}(1; \{18^4, 9, 6^3, 3, 2^5\})$	4199040
18	$\mathcal{O}(1; \{18^4, 9, 6^3, 3^4, 2\})$	33592320
18	$\mathcal{O}(1; \{18^4, 9, 6^4, 3^2, 2^2\})$	16796160
18	$\mathcal{O}(1; \{18^4, 9, 6^5, 2^3\})$	8398080
18	$\mathcal{O}(1; \{18^4, 9, 6^6, 3\})$	33592320
18	$\mathcal{O}(1; \{18^4, 9^4, 2^6\})$	60938568
18	$\mathcal{O}(1; \{18^4, 9^4, 3^3, 2^2\})$	487508544
18	$\mathcal{O}(1; \{18^4, 9^4, 6, 3, 2^3\})$	243754272
18	$\mathcal{O}(1; \{18^4, 9^4, 6^2, 3^2\})$	975017088
18	$\mathcal{O}(1; \{18^4, 9^4, 6^3, 2\})$	487508544

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18^5, 9^2, 3^2, 2^5\})$	39680928
18	$\mathcal{O}(1; \{18^5, 9^2, 3^5, 2\})$	317447424
18	$\mathcal{O}(1; \{18^5, 9^2, 6, 2^6\})$	19840464
18	$\mathcal{O}(1; \{18^5, 9^2, 6, 3^3, 2^2\})$	158723712
18	$\mathcal{O}(1; \{18^5, 9^2, 6^2, 3, 2^3\})$	79361856
18	$\mathcal{O}(1; \{18^5, 9^2, 6^3, 3^2\})$	317447424
18	$\mathcal{O}(1; \{18^5, 9^2, 6^4, 2\})$	158723712
18	$\mathcal{O}(1; \{18^5, 9^5, 3, 2\})$	4362067728
18	$\mathcal{O}(1; \{18^6, 3, 2^8\})$	3464208
18	$\mathcal{O}(1; \{18^6, 3^4, 2^4\})$	27713664
18	$\mathcal{O}(1; \{18^6, 3^7\})$	221709312
18	$\mathcal{O}(1; \{18^6, 6, 3^2, 2^5\})$	13856832
18	$\mathcal{O}(1; \{18^6, 6, 3^5, 2\})$	110854656
18	$\mathcal{O}(1; \{18^6, 6^2, 2^6\})$	6928416
18	$\mathcal{O}(1; \{18^6, 6^2, 3^3, 2^2\})$	55427328
18	$\mathcal{O}(1; \{18^6, 6^3, 3, 2^3\})$	27713664
18	$\mathcal{O}(1; \{18^6, 6^4, 3^2\})$	110854656
18	$\mathcal{O}(1; \{18^6, 6^5, 2\})$	55427328
18	$\mathcal{O}(1; \{18^6, 9^3, 2^4\})$	361379880
18	$\mathcal{O}(1; \{18^6, 9^3, 3^3\})$	2891039040
18	$\mathcal{O}(1; \{18^6, 9^3, 6, 3, 2\})$	1445519520
18	$\mathcal{O}(1; \{18^7, 9, 3^2, 2^3\})$	243754272
18	$\mathcal{O}(1; \{18^7, 9, 6, 2^4\})$	121877136
18	$\mathcal{O}(1; \{18^7, 9, 6, 3^3\})$	975017088
18	$\mathcal{O}(1; \{18^7, 9, 6^2, 3, 2\})$	487508544
18	$\mathcal{O}(1; \{18^8, 9^2, 2^2\})$	2181033864
18	$\mathcal{O}(1; \{18^9, 3^2, 2\})$	1445519520
18	$\mathcal{O}(1; \{18^9, 6, 2^2\})$	722759760
18	$\mathcal{O}(1; \{18^{10}, 9\})$	13047939432
18	$\mathcal{O}(0; \{9^3, 3, 2^{18}\})$	36
18	$\mathcal{O}(0; \{9^3, 3^4, 2^{14}\})$	288
18	$\mathcal{O}(0; \{9^3, 3^7, 2^{10}\})$	2304
18	$\mathcal{O}(0; \{9^3, 3^{10}, 2^6\})$	18432
18	$\mathcal{O}(0; \{9^3, 3^{13}, 2^2\})$	147456
18	$\mathcal{O}(0; \{9^3, 6, 3^2, 2^{15}\})$	144
18	$\mathcal{O}(0; \{9^3, 6, 3^5, 2^{11}\})$	1152
18	$\mathcal{O}(0; \{9^3, 6, 3^8, 2^7\})$	9216
18	$\mathcal{O}(0; \{9^3, 6, 3^{11}, 2^3\})$	73728
18	$\mathcal{O}(0; \{9^3, 6^2, 2^{16}\})$	72
18	$\mathcal{O}(0; \{9^3, 6^2, 3^3, 2^{12}\})$	576
18	$\mathcal{O}(0; \{9^3, 6^2, 3^6, 2^8\})$	4608
18	$\mathcal{O}(0; \{9^3, 6^2, 3^9, 2^4\})$	36864
18	$\mathcal{O}(0; \{9^3, 6^2, 3^{12}\})$	294912

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{9^3, 6^3, 3, 2^{13}\})$	288
18	$\mathcal{O}(0; \{9^3, 6^3, 3^4, 2^9\})$	2304
18	$\mathcal{O}(0; \{9^3, 6^3, 3^7, 2^5\})$	18432
18	$\mathcal{O}(0; \{9^3, 6^3, 3^{10}, 2\})$	147456
18	$\mathcal{O}(0; \{9^3, 6^4, 3^2, 2^{10}\})$	1152
18	$\mathcal{O}(0; \{9^3, 6^4, 3^5, 2^6\})$	9216
18	$\mathcal{O}(0; \{9^3, 6^4, 3^8, 2^2\})$	73728
18	$\mathcal{O}(0; \{9^3, 6^5, 2^{11}\})$	576
18	$\mathcal{O}(0; \{9^3, 6^5, 3^3, 2^7\})$	4608
18	$\mathcal{O}(0; \{9^3, 6^5, 3^6, 2^3\})$	36864
18	$\mathcal{O}(0; \{9^3, 6^6, 3, 2^8\})$	2304
18	$\mathcal{O}(0; \{9^3, 6^6, 3^4, 2^4\})$	18432
18	$\mathcal{O}(0; \{9^3, 6^6, 3^7\})$	147456
18	$\mathcal{O}(0; \{9^3, 6^7, 3^2, 2^5\})$	9216
18	$\mathcal{O}(0; \{9^3, 6^7, 3^5, 2\})$	73728
18	$\mathcal{O}(0; \{9^3, 6^8, 2^6\})$	4608
18	$\mathcal{O}(0; \{9^3, 6^8, 3^3, 2^2\})$	36864
18	$\mathcal{O}(0; \{9^3, 6^9, 3, 2^3\})$	18432
18	$\mathcal{O}(0; \{9^3, 6^{10}, 3^2\})$	73728
18	$\mathcal{O}(0; \{9^3, 6^{11}, 2\})$	36864
18	$\mathcal{O}(0; \{9^6, 2^{14}\})$	5346
18	$\mathcal{O}(0; \{9^6, 3^3, 2^{10}\})$	42768
18	$\mathcal{O}(0; \{9^6, 3^6, 2^6\})$	342144
18	$\mathcal{O}(0; \{9^6, 3^9, 2^2\})$	2737152
18	$\mathcal{O}(0; \{9^6, 6, 3, 2^{11}\})$	21384
18	$\mathcal{O}(0; \{9^6, 6, 3^4, 2^7\})$	171072
18	$\mathcal{O}(0; \{9^6, 6, 3^7, 2^3\})$	1368576
18	$\mathcal{O}(0; \{9^6, 6^2, 3^2, 2^8\})$	85536
18	$\mathcal{O}(0; \{9^6, 6^2, 3^5, 2^4\})$	684288
18	$\mathcal{O}(0; \{9^6, 6^2, 3^8\})$	5474304
18	$\mathcal{O}(0; \{9^6, 6^3, 2^9\})$	42768
18	$\mathcal{O}(0; \{9^6, 6^3, 3^3, 2^5\})$	342144
18	$\mathcal{O}(0; \{9^6, 6^3, 3^6, 2\})$	2737152
18	$\mathcal{O}(0; \{9^6, 6^4, 3, 2^6\})$	171072
18	$\mathcal{O}(0; \{9^6, 6^4, 3^4, 2^2\})$	1368576
18	$\mathcal{O}(0; \{9^6, 6^5, 3^2, 2^3\})$	684288
18	$\mathcal{O}(0; \{9^6, 6^6, 2^4\})$	342144
18	$\mathcal{O}(0; \{9^6, 6^6, 3^3\})$	2737152
18	$\mathcal{O}(0; \{9^6, 6^7, 3, 2\})$	1368576
18	$\mathcal{O}(0; \{9^9, 3^2, 2^6\})$	4461480
18	$\mathcal{O}(0; \{9^9, 3^5, 2^2\})$	35691840
18	$\mathcal{O}(0; \{9^9, 6, 2^7\})$	2230740
18	$\mathcal{O}(0; \{9^9, 6, 3^3, 2^3\})$	17845920

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{9^9, 6^2, 3, 2^4\})$	8922960
18	$\mathcal{O}(0; \{9^9, 6^2, 3^4\})$	71383680
18	$\mathcal{O}(0; \{9^9, 6^3, 3^2, 2\})$	35691840
18	$\mathcal{O}(0; \{9^9, 6^4, 2^2\})$	17845920
18	$\mathcal{O}(0; \{9^{12}, 3, 2^2\})$	483965604
18	$\mathcal{O}(0; \{9^{12}, 6^2\})$	967931208
18	$\mathcal{O}(0; \{18, 9, 2^{21}\})$	6
18	$\mathcal{O}(0; \{18, 9, 3^3, 2^{17}\})$	48
18	$\mathcal{O}(0; \{18, 9, 3^6, 2^{13}\})$	384
18	$\mathcal{O}(0; \{18, 9, 3^9, 2^9\})$	3072
18	$\mathcal{O}(0; \{18, 9, 3^{12}, 2^5\})$	24576
18	$\mathcal{O}(0; \{18, 9, 3^{15}, 2\})$	196608
18	$\mathcal{O}(0; \{18, 9, 6, 3, 2^{18}\})$	24
18	$\mathcal{O}(0; \{18, 9, 6, 3^4, 2^{14}\})$	192
18	$\mathcal{O}(0; \{18, 9, 6, 3^7, 2^{10}\})$	1536
18	$\mathcal{O}(0; \{18, 9, 6, 3^{10}, 2^6\})$	12288
18	$\mathcal{O}(0; \{18, 9, 6, 3^{13}, 2^2\})$	98304
18	$\mathcal{O}(0; \{18, 9, 6^2, 3^2, 2^{15}\})$	96
18	$\mathcal{O}(0; \{18, 9, 6^2, 3^5, 2^{11}\})$	768
18	$\mathcal{O}(0; \{18, 9, 6^2, 3^8, 2^7\})$	6144
18	$\mathcal{O}(0; \{18, 9, 6^2, 3^{11}, 2^3\})$	49152
18	$\mathcal{O}(0; \{18, 9, 6^3, 2^{16}\})$	48
18	$\mathcal{O}(0; \{18, 9, 6^3, 3^3, 2^{12}\})$	384
18	$\mathcal{O}(0; \{18, 9, 6^3, 3^6, 2^8\})$	3072
18	$\mathcal{O}(0; \{18, 9, 6^3, 3^9, 2^4\})$	24576
18	$\mathcal{O}(0; \{18, 9, 6^3, 3^{12}\})$	196608
18	$\mathcal{O}(0; \{18, 9, 6^4, 3, 2^{13}\})$	192
18	$\mathcal{O}(0; \{18, 9, 6^4, 3^4, 2^9\})$	1536
18	$\mathcal{O}(0; \{18, 9, 6^4, 3^7, 2^5\})$	12288
18	$\mathcal{O}(0; \{18, 9, 6^4, 3^{10}, 2\})$	98304
18	$\mathcal{O}(0; \{18, 9, 6^5, 3^2, 2^{10}\})$	768
18	$\mathcal{O}(0; \{18, 9, 6^5, 3^5, 2^6\})$	6144
18	$\mathcal{O}(0; \{18, 9, 6^5, 3^8, 2^2\})$	49152
18	$\mathcal{O}(0; \{18, 9, 6^6, 2^{11}\})$	384
18	$\mathcal{O}(0; \{18, 9, 6^6, 3^3, 2^7\})$	3072
18	$\mathcal{O}(0; \{18, 9, 6^6, 3^6, 2^3\})$	24576
18	$\mathcal{O}(0; \{18, 9, 6^7, 3, 2^8\})$	1536
18	$\mathcal{O}(0; \{18, 9, 6^7, 3^4, 2^4\})$	12288
18	$\mathcal{O}(0; \{18, 9, 6^7, 3^7\})$	98304
18	$\mathcal{O}(0; \{18, 9, 6^8, 3^2, 2^5\})$	6144
18	$\mathcal{O}(0; \{18, 9, 6^8, 3^5, 2\})$	49152
18	$\mathcal{O}(0; \{18, 9, 6^9, 2^6\})$	3072
18	$\mathcal{O}(0; \{18, 9, 6^9, 3^3, 2^2\})$	24576

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18, 9, 6^{10}, 3, 2^3\})$	12288
18	$\mathcal{O}(0; \{18, 9, 6^{11}, 3^2\})$	49152
18	$\mathcal{O}(0; \{18, 9, 6^{12}, 2\})$	24576
18	$\mathcal{O}(0; \{18, 9^4, 3^2, 2^{13}\})$	3240
18	$\mathcal{O}(0; \{18, 9^4, 3^5, 2^9\})$	25920
18	$\mathcal{O}(0; \{18, 9^4, 3^8, 2^5\})$	207360
18	$\mathcal{O}(0; \{18, 9^4, 3^{11}, 2\})$	1658880
18	$\mathcal{O}(0; \{18, 9^4, 6, 2^{14}\})$	1620
18	$\mathcal{O}(0; \{18, 9^4, 6, 3^3, 2^{10}\})$	12960
18	$\mathcal{O}(0; \{18, 9^4, 6, 3^6, 2^6\})$	103680
18	$\mathcal{O}(0; \{18, 9^4, 6, 3^9, 2^2\})$	829440
18	$\mathcal{O}(0; \{18, 9^4, 6^2, 3, 2^{11}\})$	6480
18	$\mathcal{O}(0; \{18, 9^4, 6^2, 3^4, 2^7\})$	51840
18	$\mathcal{O}(0; \{18, 9^4, 6^2, 3^7, 2^3\})$	414720
18	$\mathcal{O}(0; \{18, 9^4, 6^3, 3^2, 2^8\})$	25920
18	$\mathcal{O}(0; \{18, 9^4, 6^3, 3^5, 2^4\})$	207360
18	$\mathcal{O}(0; \{18, 9^4, 6^3, 3^8\})$	1658880
18	$\mathcal{O}(0; \{18, 9^4, 6^4, 2^9\})$	12960
18	$\mathcal{O}(0; \{18, 9^4, 6^4, 3^3, 2^5\})$	103680
18	$\mathcal{O}(0; \{18, 9^4, 6^4, 3^6, 2\})$	829440
18	$\mathcal{O}(0; \{18, 9^4, 6^5, 3, 2^6\})$	51840
18	$\mathcal{O}(0; \{18, 9^4, 6^5, 3^4, 2^2\})$	414720
18	$\mathcal{O}(0; \{18, 9^4, 6^6, 3^2, 2^3\})$	207360
18	$\mathcal{O}(0; \{18, 9^4, 6^7, 2^4\})$	103680
18	$\mathcal{O}(0; \{18, 9^4, 6^7, 3^3\})$	829440
18	$\mathcal{O}(0; \{18, 9^4, 6^8, 3, 2\})$	414720
18	$\mathcal{O}(0; \{18, 9^7, 3, 2^9\})$	376164
18	$\mathcal{O}(0; \{18, 9^7, 3^4, 2^5\})$	3009312
18	$\mathcal{O}(0; \{18, 9^7, 3^7, 2\})$	24074496
18	$\mathcal{O}(0; \{18, 9^7, 6, 3^2, 2^6\})$	1504656
18	$\mathcal{O}(0; \{18, 9^7, 6, 3^5, 2^2\})$	12037248
18	$\mathcal{O}(0; \{18, 9^7, 6^2, 2^7\})$	752328
18	$\mathcal{O}(0; \{18, 9^7, 6^2, 3^3, 2^3\})$	6018624
18	$\mathcal{O}(0; \{18, 9^7, 6^3, 3, 2^4\})$	3009312
18	$\mathcal{O}(0; \{18, 9^7, 6^3, 3^4\})$	24074496
18	$\mathcal{O}(0; \{18, 9^7, 6^4, 3^2, 2\})$	12037248
18	$\mathcal{O}(0; \{18, 9^7, 6^5, 2^2\})$	6018624
18	$\mathcal{O}(0; \{18, 9^{10}, 2^5\})$	40271418
18	$\mathcal{O}(0; \{18, 9^{10}, 3^3, 2\})$	322171344
18	$\mathcal{O}(0; \{18, 9^{10}, 6, 3, 2^2\})$	161085672
18	$\mathcal{O}(0; \{18, 9^{10}, 6^3\})$	322171344
18	$\mathcal{O}(0; \{18^2, 9^2, 3, 2^{16}\})$	324
18	$\mathcal{O}(0; \{18^2, 9^2, 3^4, 2^{12}\})$	2592

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^2, 9^2, 3^7, 2^8\})$	20736
18	$\mathcal{O}(0; \{18^2, 9^2, 3^{10}, 2^4\})$	165888
18	$\mathcal{O}(0; \{18^2, 9^2, 3^{13}\})$	1327104
18	$\mathcal{O}(0; \{18^2, 9^2, 6, 3^2, 2^{13}\})$	1296
18	$\mathcal{O}(0; \{18^2, 9^2, 6, 3^5, 2^9\})$	10368
18	$\mathcal{O}(0; \{18^2, 9^2, 6, 3^8, 2^5\})$	82944
18	$\mathcal{O}(0; \{18^2, 9^2, 6, 3^{11}, 2\})$	663552
18	$\mathcal{O}(0; \{18^2, 9^2, 6^2, 2^{14}\})$	648
18	$\mathcal{O}(0; \{18^2, 9^2, 6^2, 3^3, 2^{10}\})$	5184
18	$\mathcal{O}(0; \{18^2, 9^2, 6^2, 3^6, 2^6\})$	41472
18	$\mathcal{O}(0; \{18^2, 9^2, 6^2, 3^9, 2^2\})$	331776
18	$\mathcal{O}(0; \{18^2, 9^2, 6^3, 3, 2^{11}\})$	2592
18	$\mathcal{O}(0; \{18^2, 9^2, 6^3, 3^4, 2^7\})$	20736
18	$\mathcal{O}(0; \{18^2, 9^2, 6^3, 3^7, 2^3\})$	165888
18	$\mathcal{O}(0; \{18^2, 9^2, 6^4, 3^2, 2^8\})$	10368
18	$\mathcal{O}(0; \{18^2, 9^2, 6^4, 3^5, 2^4\})$	82944
18	$\mathcal{O}(0; \{18^2, 9^2, 6^4, 3^8\})$	663552
18	$\mathcal{O}(0; \{18^2, 9^2, 6^5, 2^9\})$	5184
18	$\mathcal{O}(0; \{18^2, 9^2, 6^5, 3^3, 2^5\})$	41472
18	$\mathcal{O}(0; \{18^2, 9^2, 6^5, 3^6, 2\})$	331776
18	$\mathcal{O}(0; \{18^2, 9^2, 6^6, 3, 2^6\})$	20736
18	$\mathcal{O}(0; \{18^2, 9^2, 6^6, 3^4, 2^2\})$	165888
18	$\mathcal{O}(0; \{18^2, 9^2, 6^7, 3^2, 2^3\})$	82944
18	$\mathcal{O}(0; \{18^2, 9^2, 6^8, 2^4\})$	41472
18	$\mathcal{O}(0; \{18^2, 9^2, 6^8, 3^3\})$	331776
18	$\mathcal{O}(0; \{18^2, 9^2, 6^9, 3, 2\})$	165888
18	$\mathcal{O}(0; \{18^2, 9^5, 2^{12}\})$	30618
18	$\mathcal{O}(0; \{18^2, 9^5, 3^3, 2^8\})$	244944
18	$\mathcal{O}(0; \{18^2, 9^5, 3^6, 2^4\})$	1959552
18	$\mathcal{O}(0; \{18^2, 9^5, 3^9\})$	15676416
18	$\mathcal{O}(0; \{18^2, 9^5, 6, 3, 2^9\})$	122472
18	$\mathcal{O}(0; \{18^2, 9^5, 6, 3^4, 2^5\})$	979776
18	$\mathcal{O}(0; \{18^2, 9^5, 6, 3^7, 2\})$	7838208
18	$\mathcal{O}(0; \{18^2, 9^5, 6^2, 3^2, 2^6\})$	489888
18	$\mathcal{O}(0; \{18^2, 9^5, 6^2, 3^5, 2^2\})$	3919104
18	$\mathcal{O}(0; \{18^2, 9^5, 6^3, 2^7\})$	244944
18	$\mathcal{O}(0; \{18^2, 9^5, 6^3, 3^3, 2^3\})$	1959552
18	$\mathcal{O}(0; \{18^2, 9^5, 6^4, 3, 2^4\})$	979776
18	$\mathcal{O}(0; \{18^2, 9^5, 6^4, 3^4\})$	7838208
18	$\mathcal{O}(0; \{18^2, 9^5, 6^5, 3^2, 2\})$	3919104
18	$\mathcal{O}(0; \{18^2, 9^5, 6^6, 2^2\})$	1959552
18	$\mathcal{O}(0; \{18^2, 9^8, 3^2, 2^4\})$	26926344
18	$\mathcal{O}(0; \{18^2, 9^8, 3^5\})$	215410752

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^2, 9^8, 6, 2^5\})$	13463172
18	$\mathcal{O}(0; \{18^2, 9^8, 6, 3^3, 2\})$	107705376
18	$\mathcal{O}(0; \{18^2, 9^8, 6^2, 3, 2^2\})$	53852688
18	$\mathcal{O}(0; \{18^2, 9^8, 6^4\})$	107705376
18	$\mathcal{O}(0; \{18^2, 9^{11}, 3\})$	2901667860
18	$\mathcal{O}(0; \{18^3, 2^{19}\})$	18
18	$\mathcal{O}(0; \{18^3, 3^3, 2^{15}\})$	144
18	$\mathcal{O}(0; \{18^3, 3^6, 2^{11}\})$	1152
18	$\mathcal{O}(0; \{18^3, 3^9, 2^7\})$	9216
18	$\mathcal{O}(0; \{18^3, 3^{12}, 2^3\})$	73728
18	$\mathcal{O}(0; \{18^3, 6, 3, 2^{16}\})$	72
18	$\mathcal{O}(0; \{18^3, 6, 3^4, 2^{12}\})$	576
18	$\mathcal{O}(0; \{18^3, 6, 3^7, 2^8\})$	4608
18	$\mathcal{O}(0; \{18^3, 6, 3^{10}, 2^4\})$	36864
18	$\mathcal{O}(0; \{18^3, 6, 3^{13}\})$	294912
18	$\mathcal{O}(0; \{18^3, 6^2, 3^2, 2^{13}\})$	288
18	$\mathcal{O}(0; \{18^3, 6^2, 3^5, 2^9\})$	2304
18	$\mathcal{O}(0; \{18^3, 6^2, 3^8, 2^5\})$	18432
18	$\mathcal{O}(0; \{18^3, 6^2, 3^{11}, 2\})$	147456
18	$\mathcal{O}(0; \{18^3, 6^3, 2^{14}\})$	144
18	$\mathcal{O}(0; \{18^3, 6^3, 3^3, 2^{10}\})$	1152
18	$\mathcal{O}(0; \{18^3, 6^3, 3^6, 2^6\})$	9216
18	$\mathcal{O}(0; \{18^3, 6^3, 3^9, 2^2\})$	73728
18	$\mathcal{O}(0; \{18^3, 6^4, 3, 2^{11}\})$	576
18	$\mathcal{O}(0; \{18^3, 6^4, 3^4, 2^7\})$	4608
18	$\mathcal{O}(0; \{18^3, 6^4, 3^7, 2^3\})$	36864
18	$\mathcal{O}(0; \{18^3, 6^5, 3^2, 2^8\})$	2304
18	$\mathcal{O}(0; \{18^3, 6^5, 3^5, 2^4\})$	18432
18	$\mathcal{O}(0; \{18^3, 6^5, 3^8\})$	147456
18	$\mathcal{O}(0; \{18^3, 6^6, 2^9\})$	1152
18	$\mathcal{O}(0; \{18^3, 6^6, 3^3, 2^5\})$	9216
18	$\mathcal{O}(0; \{18^3, 6^6, 3^6, 2\})$	73728
18	$\mathcal{O}(0; \{18^3, 6^7, 3, 2^6\})$	4608
18	$\mathcal{O}(0; \{18^3, 6^7, 3^4, 2^2\})$	36864
18	$\mathcal{O}(0; \{18^3, 6^8, 3^2, 2^3\})$	18432
18	$\mathcal{O}(0; \{18^3, 6^9, 2^4\})$	9216
18	$\mathcal{O}(0; \{18^3, 6^9, 3^3\})$	73728
18	$\mathcal{O}(0; \{18^3, 6^{10}, 3, 2\})$	36864
18	$\mathcal{O}(0; \{18^3, 9^3, 3^2, 2^{11}\})$	21384
18	$\mathcal{O}(0; \{18^3, 9^3, 3^5, 2^7\})$	171072
18	$\mathcal{O}(0; \{18^3, 9^3, 3^8, 2^3\})$	1368576
18	$\mathcal{O}(0; \{18^3, 9^3, 6, 2^{12}\})$	10692
18	$\mathcal{O}(0; \{18^3, 9^3, 6, 3^3, 2^8\})$	85536

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^3, 9^3, 6, 3^6, 2^4\})$	684288
18	$\mathcal{O}(0; \{18^3, 9^3, 6, 3^9\})$	5474304
18	$\mathcal{O}(0; \{18^3, 9^3, 6^2, 3, 2^9\})$	42768
18	$\mathcal{O}(0; \{18^3, 9^3, 6^2, 3^4, 2^5\})$	342144
18	$\mathcal{O}(0; \{18^3, 9^3, 6^2, 3^7, 2\})$	2737152
18	$\mathcal{O}(0; \{18^3, 9^3, 6^3, 3^2, 2^6\})$	171072
18	$\mathcal{O}(0; \{18^3, 9^3, 6^3, 3^5, 2^2\})$	1368576
18	$\mathcal{O}(0; \{18^3, 9^3, 6^4, 2^7\})$	85536
18	$\mathcal{O}(0; \{18^3, 9^3, 6^4, 3^3, 2^3\})$	684288
18	$\mathcal{O}(0; \{18^3, 9^3, 6^5, 3, 2^4\})$	342144
18	$\mathcal{O}(0; \{18^3, 9^3, 6^5, 3^4\})$	2737152
18	$\mathcal{O}(0; \{18^3, 9^3, 6^6, 3^2, 2\})$	1368576
18	$\mathcal{O}(0; \{18^3, 9^3, 6^7, 2^2\})$	684288
18	$\mathcal{O}(0; \{18^3, 9^6, 3, 2^7\})$	2230740
18	$\mathcal{O}(0; \{18^3, 9^6, 3^4, 2^3\})$	17845920
18	$\mathcal{O}(0; \{18^3, 9^6, 6, 3^2, 2^4\})$	8922960
18	$\mathcal{O}(0; \{18^3, 9^6, 6, 3^5\})$	71383680
18	$\mathcal{O}(0; \{18^3, 9^6, 6^2, 2^5\})$	4461480
18	$\mathcal{O}(0; \{18^3, 9^6, 6^2, 3^3, 2\})$	35691840
18	$\mathcal{O}(0; \{18^3, 9^6, 6^3, 3, 2^2\})$	17845920
18	$\mathcal{O}(0; \{18^3, 9^6, 6^5\})$	35691840
18	$\mathcal{O}(0; \{18^3, 9^9, 2^3\})$	241982802
18	$\mathcal{O}(0; \{18^3, 9^9, 6, 3\})$	967931208
18	$\mathcal{O}(0; \{18^4, 9, 3, 2^{14}\})$	1620
18	$\mathcal{O}(0; \{18^4, 9, 3^4, 2^{10}\})$	12960
18	$\mathcal{O}(0; \{18^4, 9, 3^7, 2^6\})$	103680
18	$\mathcal{O}(0; \{18^4, 9, 3^{10}, 2\})$	829440
18	$\mathcal{O}(0; \{18^4, 9, 6, 3^2, 2^{11}\})$	6480
18	$\mathcal{O}(0; \{18^4, 9, 6, 3^5, 2^7\})$	51840
18	$\mathcal{O}(0; \{18^4, 9, 6, 3^8, 2^3\})$	414720
18	$\mathcal{O}(0; \{18^4, 9, 6^2, 2^{12}\})$	3240
18	$\mathcal{O}(0; \{18^4, 9, 6^2, 3^3, 2^8\})$	25920
18	$\mathcal{O}(0; \{18^4, 9, 6^2, 3^6, 2^4\})$	207360
18	$\mathcal{O}(0; \{18^4, 9, 6^2, 3^9\})$	1658880
18	$\mathcal{O}(0; \{18^4, 9, 6^3, 3, 2^9\})$	12960
18	$\mathcal{O}(0; \{18^4, 9, 6^3, 3^4, 2^5\})$	103680
18	$\mathcal{O}(0; \{18^4, 9, 6^3, 3^7, 2\})$	829440
18	$\mathcal{O}(0; \{18^4, 9, 6^4, 3^2, 2^6\})$	51840
18	$\mathcal{O}(0; \{18^4, 9, 6^4, 3^5, 2^2\})$	414720
18	$\mathcal{O}(0; \{18^4, 9, 6^5, 2^7\})$	25920
18	$\mathcal{O}(0; \{18^4, 9, 6^5, 3^3, 2^3\})$	207360
18	$\mathcal{O}(0; \{18^4, 9, 6^6, 3, 2^4\})$	103680
18	$\mathcal{O}(0; \{18^4, 9, 6^6, 3^4\})$	829440

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^4, 9, 6^7, 3^2, 2\})$	414720
18	$\mathcal{O}(0; \{18^4, 9, 6^8, 2^2\})$	207360
18	$\mathcal{O}(0; \{18^4, 9^4, 2^{10}\})$	188082
18	$\mathcal{O}(0; \{18^4, 9^4, 3^3, 2^6\})$	1504656
18	$\mathcal{O}(0; \{18^4, 9^4, 3^6, 2^2\})$	12037248
18	$\mathcal{O}(0; \{18^4, 9^4, 6, 3, 2^7\})$	752328
18	$\mathcal{O}(0; \{18^4, 9^4, 6, 3^4, 2^3\})$	6018624
18	$\mathcal{O}(0; \{18^4, 9^4, 6^2, 3^2, 2^4\})$	3009312
18	$\mathcal{O}(0; \{18^4, 9^4, 6^2, 3^5\})$	24074496
18	$\mathcal{O}(0; \{18^4, 9^4, 6^3, 2^5\})$	1504656
18	$\mathcal{O}(0; \{18^4, 9^4, 6^3, 3^3, 2\})$	12037248
18	$\mathcal{O}(0; \{18^4, 9^4, 6^4, 3, 2^2\})$	6018624
18	$\mathcal{O}(0; \{18^4, 9^4, 6^6\})$	12037248
18	$\mathcal{O}(0; \{18^4, 9^7, 3^2, 2^2\})$	161085672
18	$\mathcal{O}(0; \{18^4, 9^7, 6, 2^3\})$	80542836
18	$\mathcal{O}(0; \{18^4, 9^7, 6^2, 3\})$	322171344
18	$\mathcal{O}(0; \{18^5, 9^2, 3^2, 2^9\})$	122472
18	$\mathcal{O}(0; \{18^5, 9^2, 3^5, 2^5\})$	979776
18	$\mathcal{O}(0; \{18^5, 9^2, 3^8, 2\})$	7838208
18	$\mathcal{O}(0; \{18^5, 9^2, 6, 2^{10}\})$	61236
18	$\mathcal{O}(0; \{18^5, 9^2, 6, 3^3, 2^6\})$	489888
18	$\mathcal{O}(0; \{18^5, 9^2, 6, 3^6, 2^2\})$	3919104
18	$\mathcal{O}(0; \{18^5, 9^2, 6^2, 3, 2^7\})$	244944
18	$\mathcal{O}(0; \{18^5, 9^2, 6^2, 3^4, 2^3\})$	1959552
18	$\mathcal{O}(0; \{18^5, 9^2, 6^3, 3^2, 2^4\})$	979776
18	$\mathcal{O}(0; \{18^5, 9^2, 6^3, 3^5\})$	7838208
18	$\mathcal{O}(0; \{18^5, 9^2, 6^4, 2^5\})$	489888
18	$\mathcal{O}(0; \{18^5, 9^2, 6^4, 3^3, 2\})$	3919104
18	$\mathcal{O}(0; \{18^5, 9^2, 6^5, 3, 2^2\})$	1959552
18	$\mathcal{O}(0; \{18^5, 9^2, 6^7\})$	3919104
18	$\mathcal{O}(0; \{18^5, 9^5, 3, 2^5\})$	13463172
18	$\mathcal{O}(0; \{18^5, 9^5, 3^4, 2\})$	107705376
18	$\mathcal{O}(0; \{18^5, 9^5, 6, 3^2, 2^2\})$	53852688
18	$\mathcal{O}(0; \{18^5, 9^5, 6^2, 2^3\})$	26926344
18	$\mathcal{O}(0; \{18^5, 9^5, 6^3, 3\})$	107705376
18	$\mathcal{O}(0; \{18^5, 9^8, 2\})$	1450833930
18	$\mathcal{O}(0; \{18^6, 3, 2^{12}\})$	10692
18	$\mathcal{O}(0; \{18^6, 3^4, 2^8\})$	85536
18	$\mathcal{O}(0; \{18^6, 3^7, 2^4\})$	684288
18	$\mathcal{O}(0; \{18^6, 3^{10}\})$	5474304
18	$\mathcal{O}(0; \{18^6, 6, 3^2, 2^9\})$	42768
18	$\mathcal{O}(0; \{18^6, 6, 3^5, 2^5\})$	342144
18	$\mathcal{O}(0; \{18^6, 6, 3^8, 2\})$	2737152

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^6, 6^2, 2^{10}\})$	21384
18	$\mathcal{O}(0; \{18^6, 6^2, 3^3, 2^6\})$	171072
18	$\mathcal{O}(0; \{18^6, 6^2, 3^6, 2^2\})$	1368576
18	$\mathcal{O}(0; \{18^6, 6^3, 3, 2^7\})$	85536
18	$\mathcal{O}(0; \{18^6, 6^3, 3^4, 2^3\})$	684288
18	$\mathcal{O}(0; \{18^6, 6^4, 3^2, 2^4\})$	342144
18	$\mathcal{O}(0; \{18^6, 6^4, 3^5\})$	2737152
18	$\mathcal{O}(0; \{18^6, 6^5, 2^5\})$	171072
18	$\mathcal{O}(0; \{18^6, 6^5, 3^3, 2\})$	1368576
18	$\mathcal{O}(0; \{18^6, 6^6, 3, 2^2\})$	684288
18	$\mathcal{O}(0; \{18^6, 6^8\})$	1368576
18	$\mathcal{O}(0; \{18^6, 9^3, 2^8\})$	1115370
18	$\mathcal{O}(0; \{18^6, 9^3, 3^3, 2^4\})$	8922960
18	$\mathcal{O}(0; \{18^6, 9^3, 3^6\})$	71383680
18	$\mathcal{O}(0; \{18^6, 9^3, 6, 3, 2^5\})$	4461480
18	$\mathcal{O}(0; \{18^6, 9^3, 6, 3^4, 2\})$	35691840
18	$\mathcal{O}(0; \{18^6, 9^3, 6^2, 3^2, 2^2\})$	17845920
18	$\mathcal{O}(0; \{18^6, 9^3, 6^3, 2^3\})$	8922960
18	$\mathcal{O}(0; \{18^6, 9^3, 6^4, 3\})$	35691840
18	$\mathcal{O}(0; \{18^6, 9^6, 3^2\})$	967931208
18	$\mathcal{O}(0; \{18^6, 9^6, 6, 2\})$	483965604
18	$\mathcal{O}(0; \{18^7, 9, 3^2, 2^7\})$	752328
18	$\mathcal{O}(0; \{18^7, 9, 3^5, 2^3\})$	6018624
18	$\mathcal{O}(0; \{18^7, 9, 6, 2^8\})$	376164
18	$\mathcal{O}(0; \{18^7, 9, 6, 3^3, 2^4\})$	3009312
18	$\mathcal{O}(0; \{18^7, 9, 6, 3^6\})$	24074496
18	$\mathcal{O}(0; \{18^7, 9, 6^2, 3, 2^5\})$	1504656
18	$\mathcal{O}(0; \{18^7, 9, 6^2, 3^4, 2\})$	12037248
18	$\mathcal{O}(0; \{18^7, 9, 6^3, 3^2, 2^2\})$	6018624
18	$\mathcal{O}(0; \{18^7, 9, 6^4, 2^3\})$	3009312
18	$\mathcal{O}(0; \{18^7, 9, 6^5, 3\})$	12037248
18	$\mathcal{O}(0; \{18^7, 9^4, 3, 2^3\})$	80542836
18	$\mathcal{O}(0; \{18^7, 9^4, 6, 3^2\})$	322171344
18	$\mathcal{O}(0; \{18^7, 9^4, 6^2, 2\})$	161085672
18	$\mathcal{O}(0; \{18^8, 9^2, 2^6\})$	6731586
18	$\mathcal{O}(0; \{18^8, 9^2, 3^3, 2^2\})$	53852688
18	$\mathcal{O}(0; \{18^8, 9^2, 6, 3, 2^3\})$	26926344
18	$\mathcal{O}(0; \{18^8, 9^2, 6^2, 3^2\})$	107705376
18	$\mathcal{O}(0; \{18^8, 9^2, 6^3, 2\})$	53852688
18	$\mathcal{O}(0; \{18^9, 3^2, 2^5\})$	4461480
18	$\mathcal{O}(0; \{18^9, 3^5, 2\})$	35691840
18	$\mathcal{O}(0; \{18^9, 6, 2^6\})$	2230740
18	$\mathcal{O}(0; \{18^9, 6, 3^3, 2^2\})$	17845920

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^9, 6^2, 3, 2^3\})$	8922960
18	$\mathcal{O}(0; \{18^9, 6^3, 3^2\})$	35691840
18	$\mathcal{O}(0; \{18^9, 6^4, 2\})$	17845920
18	$\mathcal{O}(0; \{18^9, 9^3, 3, 2\})$	483965604
18	$\mathcal{O}(0; \{18^{10}, 9, 2^4\})$	40271418
18	$\mathcal{O}(0; \{18^{10}, 9, 3^3\})$	322171344
18	$\mathcal{O}(0; \{18^{10}, 9, 6, 3, 2\})$	161085672
18	$\mathcal{O}(0; \{18^{12}, 2^2\})$	241982802
19	$\mathcal{O}(4; \{19^4\})$	93851169364566
20	$\mathcal{O}(4; \{10^2, 4^2\})$	204800000000
20	$\mathcal{O}(4; \{20, 5^2, 4\})$	614400000000
20	$\mathcal{O}(4; \{20^2, 10, 2\})$	614400000000
20	$\mathcal{O}(3; \{10, 5^3, 4^2, 2\})$	6656000000
20	$\mathcal{O}(3; \{10^2, 4^2, 2^4\})$	512000000
20	$\mathcal{O}(3; \{10^2, 4^4, 2\})$	2048000000
20	$\mathcal{O}(3; \{20, 5^2, 4, 2^4\})$	1536000000
20	$\mathcal{O}(3; \{20, 5^2, 4^3, 2\})$	6144000000
20	$\mathcal{O}(3; \{20, 10^2, 5, 4, 2^2\})$	6656000000
20	$\mathcal{O}(3; \{20, 10^4, 4\})$	26112000000
20	$\mathcal{O}(3; \{20^2, 5^3, 2^2\})$	26112000000
20	$\mathcal{O}(3; \{20^2, 10, 2^5\})$	1536000000
20	$\mathcal{O}(3; \{20^2, 10, 4^2, 2^2\})$	6144000000
20	$\mathcal{O}(3; \{20^2, 10^2, 5^2\})$	104960000000
20	$\mathcal{O}(3; \{20^3, 10, 5, 4\})$	104448000000
20	$\mathcal{O}(3; \{20^4, 2^3\})$	26624000000
20	$\mathcal{O}(3; \{20^4, 4^2\})$	106496000000
20	$\mathcal{O}(2; \{5^6, 4^2, 2^2\})$	262400000
20	$\mathcal{O}(2; \{10, 5^3, 4^2, 2^5\})$	16640000
20	$\mathcal{O}(2; \{10, 5^3, 4^4, 2^2\})$	665600000
20	$\mathcal{O}(2; \{10^2, 4^2, 2^8\})$	1280000
20	$\mathcal{O}(2; \{10^2, 4^4, 2^5\})$	5120000
20	$\mathcal{O}(2; \{10^2, 4^6, 2^2\})$	20480000
20	$\mathcal{O}(2; \{10^2, 5^5, 4^2\})$	1048320000
20	$\mathcal{O}(2; \{10^3, 5^2, 4^2, 2^3\})$	65280000
20	$\mathcal{O}(2; \{10^3, 5^2, 4^4\})$	261120000
20	$\mathcal{O}(2; \{10^5, 5, 4^2, 2\})$	262400000
20	$\mathcal{O}(2; \{20, 5^2, 4, 2^8\})$	3840000
20	$\mathcal{O}(2; \{20, 5^2, 4^3, 2^5\})$	15360000
20	$\mathcal{O}(2; \{20, 5^2, 4^5, 2^2\})$	61440000
20	$\mathcal{O}(2; \{20, 5^7, 4\})$	4194560000
20	$\mathcal{O}(2; \{20, 10, 5^4, 4, 2^3\})$	262400000
20	$\mathcal{O}(2; \{20, 10, 5^4, 4^3\})$	1049600000
20	$\mathcal{O}(2; \{20, 10^2, 5, 4, 2^6\})$	16640000

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(2; \{20, 10^2, 5, 4^3, 2^3\})$	66560000
20	$\mathcal{O}(2; \{20, 10^2, 5, 4^5\})$	266240000
20	$\mathcal{O}(2; \{20, 10^3, 5^3, 4, 2\})$	1048320000
20	$\mathcal{O}(2; \{20, 10^4, 4, 2^4\})$	65280000
20	$\mathcal{O}(2; \{20, 10^4, 4^3, 2\})$	261120000
20	$\mathcal{O}(2; \{20^2, 5^3, 2^6\})$	65280000
20	$\mathcal{O}(2; \{20^2, 5^3, 4^2, 2^3\})$	261120000
20	$\mathcal{O}(2; \{20^2, 5^3, 4^4\})$	1044480000
20	$\mathcal{O}(2; \{20^2, 10, 2^9\})$	3840000
20	$\mathcal{O}(2; \{20^2, 10, 4^2, 2^6\})$	15360000
20	$\mathcal{O}(2; \{20^2, 10, 4^4, 2^3\})$	61440000
20	$\mathcal{O}(2; \{20^2, 10, 4^6\})$	245760000
20	$\mathcal{O}(2; \{20^2, 10, 5^5, 2\})$	4194560000
20	$\mathcal{O}(2; \{20^2, 10^2, 5^2, 2^4\})$	262400000
20	$\mathcal{O}(2; \{20^2, 10^2, 5^2, 4^2, 2\})$	1049600000
20	$\mathcal{O}(2; \{20^2, 10^4, 5, 2^2\})$	1048320000
20	$\mathcal{O}(2; \{20^2, 10^6\})$	4194560000
20	$\mathcal{O}(2; \{20^3, 5^4, 4, 2\})$	4193280000
20	$\mathcal{O}(2; \{20^3, 10, 5, 4, 2^4\})$	261120000
20	$\mathcal{O}(2; \{20^3, 10, 5, 4^3, 2\})$	1044480000
20	$\mathcal{O}(2; \{20^3, 10^3, 4, 2^2\})$	1049600000
20	$\mathcal{O}(2; \{20^4, 2^7\})$	66560000
20	$\mathcal{O}(2; \{20^4, 4^2, 2^4\})$	266240000
20	$\mathcal{O}(2; \{20^4, 4^4, 2\})$	1064960000
20	$\mathcal{O}(2; \{20^4, 10, 5^2, 2^2\})$	4193280000
20	$\mathcal{O}(2; \{20^4, 10^3, 5\})$	16778240000
20	$\mathcal{O}(2; \{20^5, 5, 4, 2^2\})$	4198400000
20	$\mathcal{O}(2; \{20^5, 10^2, 4\})$	16773120000
20	$\mathcal{O}(2; \{20^6, 5^2\})$	67112960000
20	$\mathcal{O}(1; \{5^6, 4^2, 2^6\})$	656000
20	$\mathcal{O}(1; \{5^6, 4^4, 2^3\})$	2624000
20	$\mathcal{O}(1; \{5^6, 4^6\})$	10496000
20	$\mathcal{O}(1; \{10, 5^3, 4^2, 2^9\})$	41600
20	$\mathcal{O}(1; \{10, 5^3, 4^4, 2^6\})$	166400
20	$\mathcal{O}(1; \{10, 5^3, 4^6, 2^3\})$	665600
20	$\mathcal{O}(1; \{10, 5^3, 4^8\})$	2662400
20	$\mathcal{O}(1; \{10, 5^8, 4^2, 2\})$	41942400
20	$\mathcal{O}(1; \{10^2, 4^2, 2^{12}\})$	3200
20	$\mathcal{O}(1; \{10^2, 4^4, 2^9\})$	12800
20	$\mathcal{O}(1; \{10^2, 4^6, 2^6\})$	51200
20	$\mathcal{O}(1; \{10^2, 4^8, 2^3\})$	204800
20	$\mathcal{O}(1; \{10^2, 4^{10}\})$	819200
20	$\mathcal{O}(1; \{10^2, 5^5, 4^2, 2^4\})$	2620800

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{10^2, 5^5, 4^4, 2\})$	10483200
20	$\mathcal{O}(1; \{10^3, 5^2, 4^2, 2^7\})$	163200
20	$\mathcal{O}(1; \{10^3, 5^2, 4^4, 2^4\})$	652800
20	$\mathcal{O}(1; \{10^3, 5^2, 4^6, 2\})$	2611200
20	$\mathcal{O}(1; \{10^4, 5^4, 4^2, 2^2\})$	10486400
20	$\mathcal{O}(1; \{10^5, 5, 4^2, 2^5\})$	656000
20	$\mathcal{O}(1; \{10^5, 5, 4^4, 2^2\})$	2624000
20	$\mathcal{O}(1; \{10^6, 5^3, 4^2\})$	41942400
20	$\mathcal{O}(1; \{10^7, 4^2, 2^3\})$	2620800
20	$\mathcal{O}(1; \{10^7, 4^4\})$	10483200
20	$\mathcal{O}(1; \{20, 5^2, 4, 2^{12}\})$	9600
20	$\mathcal{O}(1; \{20, 5^2, 4^3, 2^9\})$	38400
20	$\mathcal{O}(1; \{20, 5^2, 4^5, 2^6\})$	153600
20	$\mathcal{O}(1; \{20, 5^2, 4^7, 2^3\})$	614400
20	$\mathcal{O}(1; \{20, 5^2, 4^9\})$	2457600
20	$\mathcal{O}(1; \{20, 5^7, 4, 2^4\})$	10486400
20	$\mathcal{O}(1; \{20, 5^7, 4^3, 2\})$	41945600
20	$\mathcal{O}(1; \{20, 10, 5^4, 4, 2^7\})$	656000
20	$\mathcal{O}(1; \{20, 10, 5^4, 4^3, 2^4\})$	2624000
20	$\mathcal{O}(1; \{20, 10, 5^4, 4^5, 2\})$	10496000
20	$\mathcal{O}(1; \{20, 10^2, 5, 4, 2^{10}\})$	41600
20	$\mathcal{O}(1; \{20, 10^2, 5, 4^3, 2^7\})$	166400
20	$\mathcal{O}(1; \{20, 10^2, 5, 4^5, 2^4\})$	665600
20	$\mathcal{O}(1; \{20, 10^2, 5, 4^7, 2\})$	2662400
20	$\mathcal{O}(1; \{20, 10^2, 5^6, 4, 2^2\})$	41942400
20	$\mathcal{O}(1; \{20, 10^3, 5^3, 4, 2^5\})$	2620800
20	$\mathcal{O}(1; \{20, 10^3, 5^3, 4^3, 2^2\})$	10483200
20	$\mathcal{O}(1; \{20, 10^4, 4, 2^8\})$	163200
20	$\mathcal{O}(1; \{20, 10^4, 4^3, 2^5\})$	652800
20	$\mathcal{O}(1; \{20, 10^4, 4^5, 2^2\})$	2611200
20	$\mathcal{O}(1; \{20, 10^4, 5^5, 4\})$	167772800
20	$\mathcal{O}(1; \{20, 10^5, 5^2, 4, 2^3\})$	10486400
20	$\mathcal{O}(1; \{20, 10^5, 5^2, 4^3\})$	41945600
20	$\mathcal{O}(1; \{20, 10^7, 5, 4, 2\})$	41942400
20	$\mathcal{O}(1; \{20^2, 5^3, 2^{10}\})$	163200
20	$\mathcal{O}(1; \{20^2, 5^3, 4^2, 2^7\})$	652800
20	$\mathcal{O}(1; \{20^2, 5^3, 4^4, 2^4\})$	2611200
20	$\mathcal{O}(1; \{20^2, 5^3, 4^6, 2\})$	10444800
20	$\mathcal{O}(1; \{20^2, 5^8, 2^2\})$	167772800
20	$\mathcal{O}(1; \{20^2, 10, 2^{13}\})$	9600
20	$\mathcal{O}(1; \{20^2, 10, 4^2, 2^{10}\})$	38400
20	$\mathcal{O}(1; \{20^2, 10, 4^4, 2^7\})$	153600
20	$\mathcal{O}(1; \{20^2, 10, 4^6, 2^4\})$	614400

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{20^2, 10, 4^8, 2\})$	2457600
20	$\mathcal{O}(1; \{20^2, 10, 5^5, 2^5\})$	10486400
20	$\mathcal{O}(1; \{20^2, 10, 5^5, 4^2, 2^2\})$	41945600
20	$\mathcal{O}(1; \{20^2, 10^2, 5^2, 2^8\})$	656000
20	$\mathcal{O}(1; \{20^2, 10^2, 5^2, 4^2, 2^5\})$	2624000
20	$\mathcal{O}(1; \{20^2, 10^2, 5^2, 4^4, 2^2\})$	10496000
20	$\mathcal{O}(1; \{20^2, 10^2, 5^7\})$	671088000
20	$\mathcal{O}(1; \{20^2, 10^3, 5^4, 2^3\})$	41942400
20	$\mathcal{O}(1; \{20^2, 10^3, 5^4, 4^2\})$	167769600
20	$\mathcal{O}(1; \{20^2, 10^4, 5, 2^6\})$	2620800
20	$\mathcal{O}(1; \{20^2, 10^4, 5, 4^2, 2^3\})$	10483200
20	$\mathcal{O}(1; \{20^2, 10^4, 5, 4^4\})$	41932800
20	$\mathcal{O}(1; \{20^2, 10^5, 5^3, 2\})$	167772800
20	$\mathcal{O}(1; \{20^2, 10^6, 2^4\})$	10486400
20	$\mathcal{O}(1; \{20^2, 10^6, 4^2, 2\})$	41945600
20	$\mathcal{O}(1; \{20^3, 5^4, 4, 2^5\})$	10483200
20	$\mathcal{O}(1; \{20^3, 5^4, 4^3, 2^2\})$	41932800
20	$\mathcal{O}(1; \{20^3, 10, 5, 4, 2^8\})$	652800
20	$\mathcal{O}(1; \{20^3, 10, 5, 4^3, 2^5\})$	2611200
20	$\mathcal{O}(1; \{20^3, 10, 5, 4^5, 2^2\})$	10444800
20	$\mathcal{O}(1; \{20^3, 10, 5^6, 4\})$	671091200
20	$\mathcal{O}(1; \{20^3, 10^2, 5^3, 4, 2^3\})$	41945600
20	$\mathcal{O}(1; \{20^3, 10^2, 5^3, 4^3\})$	167782400
20	$\mathcal{O}(1; \{20^3, 10^3, 4, 2^6\})$	2624000
20	$\mathcal{O}(1; \{20^3, 10^3, 4^3, 2^3\})$	10496000
20	$\mathcal{O}(1; \{20^3, 10^3, 4^5\})$	41984000
20	$\mathcal{O}(1; \{20^3, 10^4, 5^2, 4, 2\})$	167769600
20	$\mathcal{O}(1; \{20^4, 2^{11}\})$	166400
20	$\mathcal{O}(1; \{20^4, 4^2, 2^8\})$	665600
20	$\mathcal{O}(1; \{20^4, 4^4, 2^5\})$	2662400
20	$\mathcal{O}(1; \{20^4, 4^6, 2^2\})$	10649600
20	$\mathcal{O}(1; \{20^4, 5^5, 2^3\})$	167769600
20	$\mathcal{O}(1; \{20^4, 5^5, 4^2\})$	671078400
20	$\mathcal{O}(1; \{20^4, 10, 5^2, 2^6\})$	10483200
20	$\mathcal{O}(1; \{20^4, 10, 5^2, 4^2, 2^3\})$	41932800
20	$\mathcal{O}(1; \{20^4, 10, 5^2, 4^4\})$	167731200
20	$\mathcal{O}(1; \{20^4, 10^2, 5^4, 2\})$	671091200
20	$\mathcal{O}(1; \{20^4, 10^3, 5, 2^4\})$	41945600
20	$\mathcal{O}(1; \{20^4, 10^3, 5, 4^2, 2\})$	167782400
20	$\mathcal{O}(1; \{20^4, 10^5, 2^2\})$	167769600
20	$\mathcal{O}(1; \{20^5, 5, 4, 2^6\})$	10496000
20	$\mathcal{O}(1; \{20^5, 5, 4^3, 2^3\})$	41984000
20	$\mathcal{O}(1; \{20^5, 5, 4^5\})$	167936000

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{20^5, 10, 5^3, 4, 2\})$	671078400
20	$\mathcal{O}(1; \{20^5, 10^2, 4, 2^4\})$	41932800
20	$\mathcal{O}(1; \{20^5, 10^2, 4^3, 2\})$	167731200
20	$\mathcal{O}(1; \{20^6, 5^2, 2^4\})$	167782400
20	$\mathcal{O}(1; \{20^6, 5^2, 4^2, 2\})$	671129600
20	$\mathcal{O}(1; \{20^6, 10^2, 5, 2^2\})$	671078400
20	$\mathcal{O}(1; \{20^6, 10^4\})$	2684364800
20	$\mathcal{O}(1; \{20^7, 10, 4, 2^2\})$	671129600
20	$\mathcal{O}(1; \{20^8, 10, 5\})$	10737459200
20	$\mathcal{O}(1; \{20^9, 4\})$	10737254400
20	$\mathcal{O}(0; \{5^6, 4^2, 2^{10}\})$	1640
20	$\mathcal{O}(0; \{5^6, 4^4, 2^7\})$	6560
20	$\mathcal{O}(0; \{5^6, 4^6, 2^4\})$	26240
20	$\mathcal{O}(0; \{5^6, 4^8, 2\})$	104960
20	$\mathcal{O}(0; \{5^{11}, 4^2, 2^2\})$	1677720
20	$\mathcal{O}(0; \{10, 5^3, 4^2, 2^{13}\})$	104
20	$\mathcal{O}(0; \{10, 5^3, 4^4, 2^{10}\})$	416
20	$\mathcal{O}(0; \{10, 5^3, 4^6, 2^7\})$	1664
20	$\mathcal{O}(0; \{10, 5^3, 4^8, 2^4\})$	6656
20	$\mathcal{O}(0; \{10, 5^3, 4^{10}, 2\})$	26624
20	$\mathcal{O}(0; \{10, 5^8, 4^2, 2^5\})$	104856
20	$\mathcal{O}(0; \{10, 5^8, 4^4, 2^2\})$	419424
20	$\mathcal{O}(0; \{10^2, 4^2, 2^{16}\})$	8
20	$\mathcal{O}(0; \{10^2, 4^4, 2^{13}\})$	32
20	$\mathcal{O}(0; \{10^2, 4^6, 2^{10}\})$	128
20	$\mathcal{O}(0; \{10^2, 4^8, 2^7\})$	512
20	$\mathcal{O}(0; \{10^2, 4^{10}, 2^4\})$	2048
20	$\mathcal{O}(0; \{10^2, 4^{12}, 2\})$	8192
20	$\mathcal{O}(0; \{10^2, 5^5, 4^2, 2^8\})$	6552
20	$\mathcal{O}(0; \{10^2, 5^5, 4^4, 2^5\})$	26208
20	$\mathcal{O}(0; \{10^2, 5^5, 4^6, 2^2\})$	104832
20	$\mathcal{O}(0; \{10^2, 5^{10}, 4^2\})$	6710888
20	$\mathcal{O}(0; \{10^3, 5^2, 4^2, 2^{11}\})$	408
20	$\mathcal{O}(0; \{10^3, 5^2, 4^4, 2^8\})$	1632
20	$\mathcal{O}(0; \{10^3, 5^2, 4^6, 2^5\})$	6528
20	$\mathcal{O}(0; \{10^3, 5^2, 4^8, 2^2\})$	26112
20	$\mathcal{O}(0; \{10^3, 5^7, 4^2, 2^3\})$	419432
20	$\mathcal{O}(0; \{10^3, 5^7, 4^4\})$	1677728
20	$\mathcal{O}(0; \{10^4, 5^4, 4^2, 2^6\})$	26216
20	$\mathcal{O}(0; \{10^4, 5^4, 4^4, 2^3\})$	104864
20	$\mathcal{O}(0; \{10^4, 5^4, 4^6\})$	419456
20	$\mathcal{O}(0; \{10^5, 5, 4^2, 2^9\})$	1640
20	$\mathcal{O}(0; \{10^5, 5, 4^4, 2^6\})$	6560

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{10^5, 5, 4^6, 2^3\})$	26240
20	$\mathcal{O}(0; \{10^5, 5, 4^8\})$	104960
20	$\mathcal{O}(0; \{10^5, 5^6, 4^2, 2\})$	1677720
20	$\mathcal{O}(0; \{10^6, 5^3, 4^2, 2^4\})$	104856
20	$\mathcal{O}(0; \{10^6, 5^3, 4^4, 2\})$	419424
20	$\mathcal{O}(0; \{10^7, 4^2, 2^7\})$	6552
20	$\mathcal{O}(0; \{10^7, 4^4, 2^4\})$	26208
20	$\mathcal{O}(0; \{10^7, 4^6, 2\})$	104832
20	$\mathcal{O}(0; \{10^8, 5^2, 4^2, 2^2\})$	419432
20	$\mathcal{O}(0; \{10^{10}, 5, 4^2\})$	1677720
20	$\mathcal{O}(0; \{20, 5^2, 4, 2^{16}\})$	24
20	$\mathcal{O}(0; \{20, 5^2, 4^3, 2^{13}\})$	96
20	$\mathcal{O}(0; \{20, 5^2, 4^5, 2^{10}\})$	384
20	$\mathcal{O}(0; \{20, 5^2, 4^7, 2^7\})$	1536
20	$\mathcal{O}(0; \{20, 5^2, 4^9, 2^4\})$	6144
20	$\mathcal{O}(0; \{20, 5^2, 4^{11}, 2\})$	24576
20	$\mathcal{O}(0; \{20, 5^7, 4, 2^8\})$	26216
20	$\mathcal{O}(0; \{20, 5^7, 4^3, 2^5\})$	104864
20	$\mathcal{O}(0; \{20, 5^7, 4^5, 2^2\})$	419456
20	$\mathcal{O}(0; \{20, 5^{12}, 4\})$	26843544
20	$\mathcal{O}(0; \{20, 10, 5^4, 4, 2^{11}\})$	1640
20	$\mathcal{O}(0; \{20, 10, 5^4, 4^3, 2^8\})$	6560
20	$\mathcal{O}(0; \{20, 10, 5^4, 4^5, 2^5\})$	26240
20	$\mathcal{O}(0; \{20, 10, 5^4, 4^7, 2^2\})$	104960
20	$\mathcal{O}(0; \{20, 10, 5^9, 4, 2^3\})$	1677720
20	$\mathcal{O}(0; \{20, 10, 5^9, 4^3\})$	6710880
20	$\mathcal{O}(0; \{20, 10^2, 5, 4, 2^{14}\})$	104
20	$\mathcal{O}(0; \{20, 10^2, 5, 4^3, 2^{11}\})$	416
20	$\mathcal{O}(0; \{20, 10^2, 5, 4^5, 2^8\})$	1664
20	$\mathcal{O}(0; \{20, 10^2, 5, 4^7, 2^5\})$	6656
20	$\mathcal{O}(0; \{20, 10^2, 5, 4^9, 2^2\})$	26624
20	$\mathcal{O}(0; \{20, 10^2, 5^6, 4, 2^6\})$	104856
20	$\mathcal{O}(0; \{20, 10^2, 5^6, 4^3, 2^3\})$	419424
20	$\mathcal{O}(0; \{20, 10^2, 5^6, 4^5\})$	1677696
20	$\mathcal{O}(0; \{20, 10^3, 5^3, 4, 2^9\})$	6552
20	$\mathcal{O}(0; \{20, 10^3, 5^3, 4^3, 2^6\})$	26208
20	$\mathcal{O}(0; \{20, 10^3, 5^3, 4^5, 2^3\})$	104832
20	$\mathcal{O}(0; \{20, 10^3, 5^3, 4^7\})$	419328
20	$\mathcal{O}(0; \{20, 10^3, 5^8, 4, 2\})$	6710888
20	$\mathcal{O}(0; \{20, 10^4, 4, 2^{12}\})$	408
20	$\mathcal{O}(0; \{20, 10^4, 4^3, 2^9\})$	1632
20	$\mathcal{O}(0; \{20, 10^4, 4^5, 2^6\})$	6528
20	$\mathcal{O}(0; \{20, 10^4, 4^7, 2^3\})$	26112

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20, 10^4, 4^9\})$	104448
20	$\mathcal{O}(0; \{20, 10^4, 5^5, 4, 2^4\})$	419432
20	$\mathcal{O}(0; \{20, 10^4, 5^5, 4^3, 2\})$	1677728
20	$\mathcal{O}(0; \{20, 10^5, 5^2, 4, 2^7\})$	26216
20	$\mathcal{O}(0; \{20, 10^5, 5^2, 4^3, 2^4\})$	104864
20	$\mathcal{O}(0; \{20, 10^5, 5^2, 4^5, 2\})$	419456
20	$\mathcal{O}(0; \{20, 10^6, 5^4, 4, 2^2\})$	1677720
20	$\mathcal{O}(0; \{20, 10^7, 5, 4, 2^5\})$	104856
20	$\mathcal{O}(0; \{20, 10^7, 5, 4^3, 2^2\})$	419424
20	$\mathcal{O}(0; \{20, 10^8, 5^3, 4\})$	6710888
20	$\mathcal{O}(0; \{20, 10^9, 4, 2^3\})$	419432
20	$\mathcal{O}(0; \{20, 10^9, 4^3\})$	1677728
20	$\mathcal{O}(0; \{20^2, 5^3, 2^{14}\})$	408
20	$\mathcal{O}(0; \{20^2, 5^3, 4^2, 2^{11}\})$	1632
20	$\mathcal{O}(0; \{20^2, 5^3, 4^4, 2^8\})$	6528
20	$\mathcal{O}(0; \{20^2, 5^3, 4^6, 2^5\})$	26112
20	$\mathcal{O}(0; \{20^2, 5^3, 4^8, 2^2\})$	104448
20	$\mathcal{O}(0; \{20^2, 5^8, 2^6\})$	419432
20	$\mathcal{O}(0; \{20^2, 5^8, 4^2, 2^3\})$	1677728
20	$\mathcal{O}(0; \{20^2, 5^8, 4^4\})$	6710912
20	$\mathcal{O}(0; \{20^2, 10, 2^{17}\})$	24
20	$\mathcal{O}(0; \{20^2, 10, 4^2, 2^{14}\})$	96
20	$\mathcal{O}(0; \{20^2, 10, 4^4, 2^{11}\})$	384
20	$\mathcal{O}(0; \{20^2, 10, 4^6, 2^8\})$	1536
20	$\mathcal{O}(0; \{20^2, 10, 4^8, 2^5\})$	6144
20	$\mathcal{O}(0; \{20^2, 10, 4^{10}, 2^2\})$	24576
20	$\mathcal{O}(0; \{20^2, 10, 5^5, 2^9\})$	26216
20	$\mathcal{O}(0; \{20^2, 10, 5^5, 4^2, 2^6\})$	104864
20	$\mathcal{O}(0; \{20^2, 10, 5^5, 4^4, 2^3\})$	419456
20	$\mathcal{O}(0; \{20^2, 10, 5^5, 4^6\})$	1677824
20	$\mathcal{O}(0; \{20^2, 10, 5^{10}, 2\})$	26843544
20	$\mathcal{O}(0; \{20^2, 10^2, 5^2, 2^{12}\})$	1640
20	$\mathcal{O}(0; \{20^2, 10^2, 5^2, 4^2, 2^9\})$	6560
20	$\mathcal{O}(0; \{20^2, 10^2, 5^2, 4^4, 2^6\})$	26240
20	$\mathcal{O}(0; \{20^2, 10^2, 5^2, 4^6, 2^3\})$	104960
20	$\mathcal{O}(0; \{20^2, 10^2, 5^2, 4^8\})$	419840
20	$\mathcal{O}(0; \{20^2, 10^2, 5^7, 2^4\})$	1677720
20	$\mathcal{O}(0; \{20^2, 10^2, 5^7, 4^2, 2\})$	6710880
20	$\mathcal{O}(0; \{20^2, 10^3, 5^4, 2^7\})$	104856
20	$\mathcal{O}(0; \{20^2, 10^3, 5^4, 4^2, 2^4\})$	419424
20	$\mathcal{O}(0; \{20^2, 10^3, 5^4, 4^4, 2\})$	1677696
20	$\mathcal{O}(0; \{20^2, 10^4, 5, 2^{10}\})$	6552
20	$\mathcal{O}(0; \{20^2, 10^4, 5, 4^2, 2^7\})$	26208

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20^2, 10^4, 5, 4^4, 2^4\})$	104832
20	$\mathcal{O}(0; \{20^2, 10^4, 5, 4^6, 2\})$	419328
20	$\mathcal{O}(0; \{20^2, 10^4, 5^6, 2^2\})$	6710888
20	$\mathcal{O}(0; \{20^2, 10^5, 5^3, 2^5\})$	419432
20	$\mathcal{O}(0; \{20^2, 10^5, 5^3, 4^2, 2^2\})$	1677728
20	$\mathcal{O}(0; \{20^2, 10^6, 2^8\})$	26216
20	$\mathcal{O}(0; \{20^2, 10^6, 4^2, 2^5\})$	104864
20	$\mathcal{O}(0; \{20^2, 10^6, 4^4, 2^2\})$	419456
20	$\mathcal{O}(0; \{20^2, 10^6, 5^5\})$	26843544
20	$\mathcal{O}(0; \{20^2, 10^7, 5^2, 2^3\})$	1677720
20	$\mathcal{O}(0; \{20^2, 10^7, 5^2, 4^2\})$	6710880
20	$\mathcal{O}(0; \{20^2, 10^9, 5, 2\})$	6710888
20	$\mathcal{O}(0; \{20^3, 5^4, 4, 2^9\})$	26208
20	$\mathcal{O}(0; \{20^3, 5^4, 4^3, 2^6\})$	104832
20	$\mathcal{O}(0; \{20^3, 5^4, 4^5, 2^3\})$	419328
20	$\mathcal{O}(0; \{20^3, 5^4, 4^7\})$	1677312
20	$\mathcal{O}(0; \{20^3, 5^9, 4, 2\})$	26843552
20	$\mathcal{O}(0; \{20^3, 10, 5, 4, 2^{12}\})$	1632
20	$\mathcal{O}(0; \{20^3, 10, 5, 4^3, 2^9\})$	6528
20	$\mathcal{O}(0; \{20^3, 10, 5, 4^5, 2^6\})$	26112
20	$\mathcal{O}(0; \{20^3, 10, 5, 4^7, 2^3\})$	104448
20	$\mathcal{O}(0; \{20^3, 10, 5, 4^9\})$	417792
20	$\mathcal{O}(0; \{20^3, 10, 5^6, 4, 2^4\})$	1677728
20	$\mathcal{O}(0; \{20^3, 10, 5^6, 4^3, 2\})$	6710912
20	$\mathcal{O}(0; \{20^3, 10^2, 5^3, 4, 2^7\})$	104864
20	$\mathcal{O}(0; \{20^3, 10^2, 5^3, 4^3, 2^4\})$	419456
20	$\mathcal{O}(0; \{20^3, 10^2, 5^3, 4^5, 2\})$	1677824
20	$\mathcal{O}(0; \{20^3, 10^3, 4, 2^{10}\})$	6560
20	$\mathcal{O}(0; \{20^3, 10^3, 4^3, 2^7\})$	26240
20	$\mathcal{O}(0; \{20^3, 10^3, 4^5, 2^4\})$	104960
20	$\mathcal{O}(0; \{20^3, 10^3, 4^7, 2\})$	419840
20	$\mathcal{O}(0; \{20^3, 10^3, 5^5, 4, 2^2\})$	6710880
20	$\mathcal{O}(0; \{20^3, 10^4, 5^2, 4, 2^5\})$	419424
20	$\mathcal{O}(0; \{20^3, 10^4, 5^2, 4^3, 2^2\})$	1677696
20	$\mathcal{O}(0; \{20^3, 10^5, 5^4, 4\})$	26843552
20	$\mathcal{O}(0; \{20^3, 10^6, 5, 4, 2^3\})$	1677728
20	$\mathcal{O}(0; \{20^3, 10^6, 5, 4^3\})$	6710912
20	$\mathcal{O}(0; \{20^3, 10^8, 4, 2\})$	6710880
20	$\mathcal{O}(0; \{20^4, 2^{15}\})$	416
20	$\mathcal{O}(0; \{20^4, 4^2, 2^{12}\})$	1664
20	$\mathcal{O}(0; \{20^4, 4^4, 2^9\})$	6656
20	$\mathcal{O}(0; \{20^4, 4^6, 2^6\})$	26624
20	$\mathcal{O}(0; \{20^4, 4^8, 2^3\})$	106496

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20^4, 4^{10}\})$	425984
20	$\mathcal{O}(0; \{20^4, 5^5, 2^7\})$	419424
20	$\mathcal{O}(0; \{20^4, 5^5, 4^2, 2^4\})$	1677696
20	$\mathcal{O}(0; \{20^4, 5^5, 4^4, 2\})$	6710784
20	$\mathcal{O}(0; \{20^4, 10, 5^2, 2^{10}\})$	26208
20	$\mathcal{O}(0; \{20^4, 10, 5^2, 4^2, 2^7\})$	104832
20	$\mathcal{O}(0; \{20^4, 10, 5^2, 4^4, 2^4\})$	419328
20	$\mathcal{O}(0; \{20^4, 10, 5^2, 4^6, 2\})$	1677312
20	$\mathcal{O}(0; \{20^4, 10, 5^7, 2^2\})$	26843552
20	$\mathcal{O}(0; \{20^4, 10^2, 5^4, 2^5\})$	1677728
20	$\mathcal{O}(0; \{20^4, 10^2, 5^4, 4^2, 2^2\})$	6710912
20	$\mathcal{O}(0; \{20^4, 10^3, 5, 2^8\})$	104864
20	$\mathcal{O}(0; \{20^4, 10^3, 5, 4^2, 2^5\})$	419456
20	$\mathcal{O}(0; \{20^4, 10^3, 5, 4^4, 2^2\})$	1677824
20	$\mathcal{O}(0; \{20^4, 10^3, 5^6\})$	107374176
20	$\mathcal{O}(0; \{20^4, 10^4, 5^3, 2^3\})$	6710880
20	$\mathcal{O}(0; \{20^4, 10^4, 5^3, 4^2\})$	26843520
20	$\mathcal{O}(0; \{20^4, 10^5, 2^6\})$	419424
20	$\mathcal{O}(0; \{20^4, 10^5, 4^2, 2^3\})$	1677696
20	$\mathcal{O}(0; \{20^4, 10^5, 4^4\})$	6710784
20	$\mathcal{O}(0; \{20^4, 10^6, 5^2, 2\})$	26843552
20	$\mathcal{O}(0; \{20^5, 5, 4, 2^{10}\})$	26240
20	$\mathcal{O}(0; \{20^5, 5, 4^3, 2^7\})$	104960
20	$\mathcal{O}(0; \{20^5, 5, 4^5, 2^4\})$	419840
20	$\mathcal{O}(0; \{20^5, 5, 4^7, 2\})$	1679360
20	$\mathcal{O}(0; \{20^5, 5^6, 4, 2^2\})$	26843520
20	$\mathcal{O}(0; \{20^5, 10, 5^3, 4, 2^5\})$	1677696
20	$\mathcal{O}(0; \{20^5, 10, 5^3, 4^3, 2^2\})$	6710784
20	$\mathcal{O}(0; \{20^5, 10^2, 4, 2^8\})$	104832
20	$\mathcal{O}(0; \{20^5, 10^2, 4^3, 2^5\})$	419328
20	$\mathcal{O}(0; \{20^5, 10^2, 4^5, 2^2\})$	1677312
20	$\mathcal{O}(0; \{20^5, 10^2, 5^5, 4\})$	107374208
20	$\mathcal{O}(0; \{20^5, 10^3, 5^2, 4, 2^3\})$	6710912
20	$\mathcal{O}(0; \{20^5, 10^3, 5^2, 4^3\})$	26843648
20	$\mathcal{O}(0; \{20^5, 10^5, 5, 4, 2\})$	26843520
20	$\mathcal{O}(0; \{20^6, 5^2, 2^8\})$	419456
20	$\mathcal{O}(0; \{20^6, 5^2, 4^2, 2^5\})$	1677824
20	$\mathcal{O}(0; \{20^6, 5^2, 4^4, 2^2\})$	6711296
20	$\mathcal{O}(0; \{20^6, 5^7\})$	429496704
20	$\mathcal{O}(0; \{20^6, 10, 5^4, 2^3\})$	26843520
20	$\mathcal{O}(0; \{20^6, 10, 5^4, 4^2\})$	107374080
20	$\mathcal{O}(0; \{20^6, 10^2, 5, 2^6\})$	1677696
20	$\mathcal{O}(0; \{20^6, 10^2, 5, 4^2, 2^3\})$	6710784

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20^6, 10^2, 5, 4^4\})$	26843136
20	$\mathcal{O}(0; \{20^6, 10^3, 5^3, 2\})$	107374208
20	$\mathcal{O}(0; \{20^6, 10^4, 2^4\})$	6710912
20	$\mathcal{O}(0; \{20^6, 10^4, 4^2, 2\})$	26843648
20	$\mathcal{O}(0; \{20^7, 5^3, 4, 2^3\})$	26843648
20	$\mathcal{O}(0; \{20^7, 5^3, 4^3\})$	107374592
20	$\mathcal{O}(0; \{20^7, 10, 4, 2^6\})$	1677824
20	$\mathcal{O}(0; \{20^7, 10, 4^3, 2^3\})$	6711296
20	$\mathcal{O}(0; \{20^7, 10, 4^5\})$	26845184
20	$\mathcal{O}(0; \{20^7, 10^2, 5^2, 4, 2\})$	107374080
20	$\mathcal{O}(0; \{20^8, 5^4, 2\})$	429496832
20	$\mathcal{O}(0; \{20^8, 10, 5, 2^4\})$	26843648
20	$\mathcal{O}(0; \{20^8, 10, 5, 4^2, 2\})$	107374592
20	$\mathcal{O}(0; \{20^8, 10^3, 2^2\})$	107374080
20	$\mathcal{O}(0; \{20^9, 4, 2^4\})$	26843136
20	$\mathcal{O}(0; \{20^9, 4^3, 2\})$	107372544
20	$\mathcal{O}(0; \{20^{10}, 5, 2^2\})$	429496320
20	$\mathcal{O}(0; \{20^{10}, 10^2\})$	1717987328
21	$\mathcal{O}(4; \{21^3\})$	2269371561660
21	$\mathcal{O}(3; \{21, 7^3, 3^2\})$	31904997012
21	$\mathcal{O}(3; \{21^3, 3^3\})$	56605639860
21	$\mathcal{O}(2; \{7^8\})$	46088827680
21	$\mathcal{O}(2; \{21, 7^3, 3^5\})$	795816252
21	$\mathcal{O}(2; \{21^2, 7^5, 3\})$	15554590380
21	$\mathcal{O}(2; \{21^3, 3^6\})$	991853100
21	$\mathcal{O}(2; \{21^4, 7^2, 3^2\})$	28521027612
21	$\mathcal{O}(1; \{7^8, 3^3\})$	211632372
21	$\mathcal{O}(1; \{21, 7^3, 3^8\})$	13944420
21	$\mathcal{O}(1; \{21^2, 7^5, 3^4\})$	387982980
21	$\mathcal{O}(1; \{21^3, 3^9\})$	18072180
21	$\mathcal{O}(1; \{21^3, 7^7\})$	7618738932
21	$\mathcal{O}(1; \{21^4, 7^2, 3^5\})$	499750020
21	$\mathcal{O}(1; \{21^5, 7^4, 3\})$	13967678340
21	$\mathcal{O}(1; \{21^7, 7, 3^2\})$	17988751620
21	$\mathcal{O}(0; \{7^8, 3^6\})$	5278812
21	$\mathcal{O}(0; \{21, 7^3, 3^{11}\})$	254076
21	$\mathcal{O}(0; \{21, 7^{10}, 3^2\})$	103656300
21	$\mathcal{O}(0; \{21^2, 7^5, 3^7\})$	6798300
21	$\mathcal{O}(0; \{21^3, 3^{12}\})$	327660
21	$\mathcal{O}(0; \{21^3, 7^7, 3^3\})$	190036572
21	$\mathcal{O}(0; \{21^4, 7^2, 3^8\})$	9105756
21	$\mathcal{O}(0; \{21^5, 7^4, 3^4\})$	244743900
21	$\mathcal{O}(0; \{21^6, 7^6\})$	6841315932

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
21	$\mathcal{O}(0; \{21^7, 7, 3^5\})$	327766236
21	$\mathcal{O}(0; \{21^8, 7^3, 3\})$	8810785500
21	$\mathcal{O}(0; \{21^{10}, 3^2\})$	11799543516
22	$\mathcal{O}(2; \{11^6, 2^2\})$	21296212960
22	$\mathcal{O}(2; \{22^2, 11^5\})$	212959787040
22	$\mathcal{O}(1; \{11^6, 2^6\})$	44000440
22	$\mathcal{O}(1; \{22^2, 11^5, 2^4\})$	439999560
22	$\mathcal{O}(1; \{22^4, 11^4, 2^2\})$	4400000440
22	$\mathcal{O}(1; \{22^6, 11^3\})$	43999999560
22	$\mathcal{O}(0; \{11^6, 2^{10}\})$	90910
22	$\mathcal{O}(0; \{22^2, 11^5, 2^8\})$	909090
22	$\mathcal{O}(0; \{22^4, 11^4, 2^6\})$	9090910
22	$\mathcal{O}(0; \{22^6, 11^3, 2^4\})$	90909090
22	$\mathcal{O}(0; \{22^8, 11^2, 2^2\})$	909090910
22	$\mathcal{O}(0; \{22^{10}, 11\})$	9090909090
24	$\mathcal{O}(4; \{8^2\})$	440234147840
24	$\mathcal{O}(3; \{8^2, 2^4\})$	763363328
24	$\mathcal{O}(3; \{8^2, 3^3\})$	1528823808
24	$\mathcal{O}(3; \{8^2, 4^2, 2\})$	3053453312
24	$\mathcal{O}(3; \{8^2, 6, 3, 2\})$	1528823808
24	$\mathcal{O}(3; \{24, 8, 4, 3, 2\})$	3057647616
24	$\mathcal{O}(3; \{24, 12, 8, 2^2\})$	3057647616
24	$\mathcal{O}(3; \{24^2, 3^2, 2\})$	4586471424
24	$\mathcal{O}(3; \{24^2, 6, 2^2\})$	1528823808
24	$\mathcal{O}(3; \{24^2, 12^2\})$	18345885696
24	$\mathcal{O}(3; \{24^3, 8\})$	24461180928
24	$\mathcal{O}(2; \{8^2, 2^8\})$	1310720
24	$\mathcal{O}(2; \{8^2, 3^3, 2^4\})$	2654208
24	$\mathcal{O}(2; \{8^2, 3^6\})$	29196288
24	$\mathcal{O}(2; \{8^2, 4^2, 2^5\})$	5242880
24	$\mathcal{O}(2; \{8^2, 4^2, 3^3, 2\})$	10616832
24	$\mathcal{O}(2; \{8^2, 4^4, 2^2\})$	20971520
24	$\mathcal{O}(2; \{8^2, 6, 3, 2^5\})$	2654208
24	$\mathcal{O}(2; \{8^2, 6, 3^4, 2\})$	13271040
24	$\mathcal{O}(2; \{8^2, 6, 4^2, 3, 2^2\})$	10616832
24	$\mathcal{O}(2; \{8^2, 6^2, 3^2, 2^2\})$	7962624
24	$\mathcal{O}(2; \{8^2, 6^3, 2^3\})$	2654208
24	$\mathcal{O}(2; \{8^2, 6^3, 4^2\})$	10616832
24	$\mathcal{O}(2; \{8^2, 6^4, 3\})$	13271040
24	$\mathcal{O}(2; \{8^4, 4, 2^3\})$	41943040
24	$\mathcal{O}(2; \{8^4, 4^3\})$	167772160
24	$\mathcal{O}(2; \{8^4, 6, 4, 3\})$	84934656
24	$\mathcal{O}(2; \{8^6, 2\})$	335544320

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(2; \{12, 8^2, 4, 3^2, 2^2\})$	10616832
24	$\mathcal{O}(2; \{12, 8^2, 6, 4, 2^3\})$	10616832
24	$\mathcal{O}(2; \{12, 8^2, 6, 4^3\})$	42467328
24	$\mathcal{O}(2; \{12, 8^2, 6^2, 4, 3\})$	31850496
24	$\mathcal{O}(2; \{12, 8^4, 3^2\})$	84934656
24	$\mathcal{O}(2; \{12, 8^4, 6, 2\})$	84934656
24	$\mathcal{O}(2; \{12^2, 8^2, 3, 2^3\})$	10616832
24	$\mathcal{O}(2; \{12^2, 8^2, 4^2, 3\})$	42467328
24	$\mathcal{O}(2; \{12^2, 8^2, 6, 3^2\})$	53084160
24	$\mathcal{O}(2; \{12^2, 8^2, 6^2, 2\})$	31850496
24	$\mathcal{O}(2; \{12^3, 8^2, 4, 2\})$	42467328
24	$\mathcal{O}(2; \{24, 8, 4, 3, 2^5\})$	5308416
24	$\mathcal{O}(2; \{24, 8, 4, 3^4, 2\})$	26542080
24	$\mathcal{O}(2; \{24, 8, 4^3, 3, 2^2\})$	21233664
24	$\mathcal{O}(2; \{24, 8, 6, 4, 3^2, 2^2\})$	15925248
24	$\mathcal{O}(2; \{24, 8, 6^2, 4, 2^3\})$	5308416
24	$\mathcal{O}(2; \{24, 8, 6^2, 4^3\})$	21233664
24	$\mathcal{O}(2; \{24, 8, 6^3, 4, 3\})$	26542080
24	$\mathcal{O}(2; \{24, 8^3, 3, 2^3\})$	42467328
24	$\mathcal{O}(2; \{24, 8^3, 4^2, 3\})$	169869312
24	$\mathcal{O}(2; \{24, 8^3, 6, 3^2\})$	127401984
24	$\mathcal{O}(2; \{24, 8^3, 6^2, 2\})$	42467328
24	$\mathcal{O}(2; \{24, 12, 8, 2^6\})$	5308416
24	$\mathcal{O}(2; \{24, 12, 8, 3^3, 2^2\})$	26542080
24	$\mathcal{O}(2; \{24, 12, 8, 4^2, 2^3\})$	21233664
24	$\mathcal{O}(2; \{24, 12, 8, 4^4\})$	84934656
24	$\mathcal{O}(2; \{24, 12, 8, 6, 3, 2^3\})$	15925248
24	$\mathcal{O}(2; \{24, 12, 8, 6, 4^2, 3\})$	63700992
24	$\mathcal{O}(2; \{24, 12, 8, 6^2, 3^2\})$	58392576
24	$\mathcal{O}(2; \{24, 12, 8, 6^3, 2\})$	26542080
24	$\mathcal{O}(2; \{24, 12, 8^3, 4, 2\})$	169869312
24	$\mathcal{O}(2; \{24, 12^2, 8, 4, 3^2\})$	106168320
24	$\mathcal{O}(2; \{24, 12^2, 8, 6, 4, 2\})$	63700992
24	$\mathcal{O}(2; \{24, 12^3, 8, 3, 2\})$	106168320
24	$\mathcal{O}(2; \{24^2, 3^2, 2^5\})$	7962624
24	$\mathcal{O}(2; \{24^2, 3^5, 2\})$	55738368
24	$\mathcal{O}(2; \{24^2, 4^2, 3^2, 2^2\})$	31850496
24	$\mathcal{O}(2; \{24^2, 6, 2^6\})$	2654208
24	$\mathcal{O}(2; \{24^2, 6, 3^3, 2^2\})$	29196288
24	$\mathcal{O}(2; \{24^2, 6, 4^2, 2^3\})$	10616832
24	$\mathcal{O}(2; \{24^2, 6, 4^4\})$	42467328
24	$\mathcal{O}(2; \{24^2, 6^2, 3, 2^3\})$	13271040
24	$\mathcal{O}(2; \{24^2, 6^2, 4^2, 3\})$	53084160

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(2; \{24^2, 6^3, 3^2\})$	55738368
24	$\mathcal{O}(2; \{24^2, 6^4, 2\})$	29196288
24	$\mathcal{O}(2; \{24^2, 8^2, 4, 3^2\})$	254803968
24	$\mathcal{O}(2; \{24^2, 8^2, 6, 4, 2\})$	84934656
24	$\mathcal{O}(2; \{24^2, 12, 4, 3, 2^3\})$	31850496
24	$\mathcal{O}(2; \{24^2, 12, 4^3, 3\})$	127401984
24	$\mathcal{O}(2; \{24^2, 12, 6, 4, 3^2\})$	116785152
24	$\mathcal{O}(2; \{24^2, 12, 6^2, 4, 2\})$	53084160
24	$\mathcal{O}(2; \{24^2, 12, 8^2, 3, 2\})$	254803968
24	$\mathcal{O}(2; \{24^2, 12^2, 2^4\})$	31850496
24	$\mathcal{O}(2; \{24^2, 12^2, 3^3\})$	222953472
24	$\mathcal{O}(2; \{24^2, 12^2, 4^2, 2\})$	127401984
24	$\mathcal{O}(2; \{24^2, 12^2, 6, 3, 2\})$	116785152
24	$\mathcal{O}(2; \{24^3, 8, 2^4\})$	42467328
24	$\mathcal{O}(2; \{24^3, 8, 3^3\})$	467140608
24	$\mathcal{O}(2; \{24^3, 8, 4^2, 2\})$	169869312
24	$\mathcal{O}(2; \{24^3, 8, 6, 3, 2\})$	212336640
24	$\mathcal{O}(2; \{24^4, 4, 3, 2\})$	424673280
24	$\mathcal{O}(2; \{24^4, 12, 2^2\})$	424673280
24	$\mathcal{O}(2; \{24^6\})$	7474249728
24	$\mathcal{O}(1; \{8^2, 2^{12}\})$	2048
24	$\mathcal{O}(1; \{8^2, 3^3, 2^8\})$	4608
24	$\mathcal{O}(1; \{8^2, 3^6, 2^4\})$	50688
24	$\mathcal{O}(1; \{8^2, 3^9\})$	391680
24	$\mathcal{O}(1; \{8^2, 4^2, 2^9\})$	8192
24	$\mathcal{O}(1; \{8^2, 4^2, 3^3, 2^5\})$	18432
24	$\mathcal{O}(1; \{8^2, 4^2, 3^6, 2\})$	202752
24	$\mathcal{O}(1; \{8^2, 4^4, 2^6\})$	32768
24	$\mathcal{O}(1; \{8^2, 4^4, 3^3, 2^2\})$	73728
24	$\mathcal{O}(1; \{8^2, 4^6, 2^3\})$	131072
24	$\mathcal{O}(1; \{8^2, 4^8\})$	524288
24	$\mathcal{O}(1; \{8^2, 6, 3, 2^9\})$	4608
24	$\mathcal{O}(1; \{8^2, 6, 3^4, 2^5\})$	23040
24	$\mathcal{O}(1; \{8^2, 6, 3^7, 2\})$	198144
24	$\mathcal{O}(1; \{8^2, 6, 4^2, 3, 2^6\})$	18432
24	$\mathcal{O}(1; \{8^2, 6, 4^2, 3^4, 2^2\})$	92160
24	$\mathcal{O}(1; \{8^2, 6, 4^4, 3, 2^3\})$	73728
24	$\mathcal{O}(1; \{8^2, 6, 4^6, 3\})$	294912
24	$\mathcal{O}(1; \{8^2, 6^2, 3^2, 2^6\})$	13824
24	$\mathcal{O}(1; \{8^2, 6^2, 3^5, 2^2\})$	96768
24	$\mathcal{O}(1; \{8^2, 6^2, 4^2, 3^2, 2^3\})$	55296
24	$\mathcal{O}(1; \{8^2, 6^2, 4^4, 3^2\})$	221184
24	$\mathcal{O}(1; \{8^2, 6^3, 2^7\})$	4608

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{8^2, 6^3, 3^3, 2^3\})$	50688
24	$\mathcal{O}(1; \{8^2, 6^3, 4^2, 2^4\})$	18432
24	$\mathcal{O}(1; \{8^2, 6^3, 4^2, 3^3\})$	202752
24	$\mathcal{O}(1; \{8^2, 6^3, 4^4, 2\})$	73728
24	$\mathcal{O}(1; \{8^2, 6^4, 3, 2^4\})$	23040
24	$\mathcal{O}(1; \{8^2, 6^4, 3^4\})$	198144
24	$\mathcal{O}(1; \{8^2, 6^4, 4^2, 3, 2\})$	92160
24	$\mathcal{O}(1; \{8^2, 6^5, 3^2, 2\})$	96768
24	$\mathcal{O}(1; \{8^2, 6^6, 2^2\})$	50688
24	$\mathcal{O}(1; \{8^4, 4, 2^7\})$	65536
24	$\mathcal{O}(1; \{8^4, 4, 3^3, 2^3\})$	147456
24	$\mathcal{O}(1; \{8^4, 4^3, 2^4\})$	262144
24	$\mathcal{O}(1; \{8^4, 4^3, 3^3\})$	589824
24	$\mathcal{O}(1; \{8^4, 4^5, 2\})$	1048576
24	$\mathcal{O}(1; \{8^4, 6, 4, 3, 2^4\})$	147456
24	$\mathcal{O}(1; \{8^4, 6, 4, 3^4\})$	737280
24	$\mathcal{O}(1; \{8^4, 6, 4^3, 3, 2\})$	589824
24	$\mathcal{O}(1; \{8^4, 6^2, 4, 3^2, 2\})$	442368
24	$\mathcal{O}(1; \{8^4, 6^3, 4, 2^2\})$	147456
24	$\mathcal{O}(1; \{8^6, 2^5\})$	524288
24	$\mathcal{O}(1; \{8^6, 3^3, 2\})$	1179648
24	$\mathcal{O}(1; \{8^6, 4^2, 2^2\})$	2097152
24	$\mathcal{O}(1; \{8^6, 6, 3, 2^2\})$	1179648
24	$\mathcal{O}(1; \{8^6, 6^3\})$	1179648
24	$\mathcal{O}(1; \{8^8, 4\})$	16777216
24	$\mathcal{O}(1; \{12, 8^2, 4, 3^2, 2^6\})$	18432
24	$\mathcal{O}(1; \{12, 8^2, 4, 3^5, 2^2\})$	202752
24	$\mathcal{O}(1; \{12, 8^2, 4^3, 3^2, 2^3\})$	73728
24	$\mathcal{O}(1; \{12, 8^2, 4^5, 3^2\})$	294912
24	$\mathcal{O}(1; \{12, 8^2, 6, 4, 2^7\})$	18432
24	$\mathcal{O}(1; \{12, 8^2, 6, 4, 3^3, 2^3\})$	92160
24	$\mathcal{O}(1; \{12, 8^2, 6, 4^3, 2^4\})$	73728
24	$\mathcal{O}(1; \{12, 8^2, 6, 4^3, 3^3\})$	368640
24	$\mathcal{O}(1; \{12, 8^2, 6, 4^5, 2\})$	294912
24	$\mathcal{O}(1; \{12, 8^2, 6^2, 4, 3, 2^4\})$	55296
24	$\mathcal{O}(1; \{12, 8^2, 6^2, 4, 3^4\})$	387072
24	$\mathcal{O}(1; \{12, 8^2, 6^2, 4^3, 3, 2\})$	221184
24	$\mathcal{O}(1; \{12, 8^2, 6^3, 4, 3^2, 2\})$	202752
24	$\mathcal{O}(1; \{12, 8^2, 6^4, 4, 2^2\})$	92160
24	$\mathcal{O}(1; \{12, 8^4, 3^2, 2^4\})$	147456
24	$\mathcal{O}(1; \{12, 8^4, 3^5\})$	1622016
24	$\mathcal{O}(1; \{12, 8^4, 4^2, 3^2, 2\})$	589824
24	$\mathcal{O}(1; \{12, 8^4, 6, 2^5\})$	147456

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{12, 8^4, 6, 3^3, 2\})$	737280
24	$\mathcal{O}(1; \{12, 8^4, 6, 4^2, 2^2\})$	589824
24	$\mathcal{O}(1; \{12, 8^4, 6^2, 3, 2^2\})$	442368
24	$\mathcal{O}(1; \{12, 8^4, 6^4\})$	737280
24	$\mathcal{O}(1; \{12, 8^6, 6, 4\})$	4718592
24	$\mathcal{O}(1; \{12^2, 8^2, 3, 2^7\})$	18432
24	$\mathcal{O}(1; \{12^2, 8^2, 3^4, 2^3\})$	202752
24	$\mathcal{O}(1; \{12^2, 8^2, 4^2, 3, 2^4\})$	73728
24	$\mathcal{O}(1; \{12^2, 8^2, 4^2, 3^4\})$	811008
24	$\mathcal{O}(1; \{12^2, 8^2, 4^4, 3, 2\})$	294912
24	$\mathcal{O}(1; \{12^2, 8^2, 6, 3^2, 2^4\})$	92160
24	$\mathcal{O}(1; \{12^2, 8^2, 6, 3^5\})$	792576
24	$\mathcal{O}(1; \{12^2, 8^2, 6, 4^2, 3^2, 2\})$	368640
24	$\mathcal{O}(1; \{12^2, 8^2, 6^2, 2^5\})$	55296
24	$\mathcal{O}(1; \{12^2, 8^2, 6^2, 3^3, 2\})$	387072
24	$\mathcal{O}(1; \{12^2, 8^2, 6^2, 4^2, 2^2\})$	221184
24	$\mathcal{O}(1; \{12^2, 8^2, 6^3, 3, 2^2\})$	202752
24	$\mathcal{O}(1; \{12^2, 8^2, 6^5\})$	387072
24	$\mathcal{O}(1; \{12^2, 8^4, 4, 3, 2^2\})$	589824
24	$\mathcal{O}(1; \{12^2, 8^4, 6^2, 4\})$	1769472
24	$\mathcal{O}(1; \{12^2, 8^6, 3\})$	4718592
24	$\mathcal{O}(1; \{12^3, 8^2, 4, 2^5\})$	73728
24	$\mathcal{O}(1; \{12^3, 8^2, 4, 3^3, 2\})$	811008
24	$\mathcal{O}(1; \{12^3, 8^2, 4^3, 2^2\})$	294912
24	$\mathcal{O}(1; \{12^3, 8^2, 6, 4, 3, 2^2\})$	368640
24	$\mathcal{O}(1; \{12^3, 8^2, 6^3, 4\})$	811008
24	$\mathcal{O}(1; \{12^3, 8^4, 2^3\})$	589824
24	$\mathcal{O}(1; \{12^3, 8^4, 4^2\})$	2359296
24	$\mathcal{O}(1; \{12^3, 8^4, 6, 3\})$	2949120
24	$\mathcal{O}(1; \{12^4, 8^2, 3^2, 2^2\})$	811008
24	$\mathcal{O}(1; \{12^4, 8^2, 6, 2^3\})$	368640
24	$\mathcal{O}(1; \{12^4, 8^2, 6, 4^2\})$	1474560
24	$\mathcal{O}(1; \{12^4, 8^2, 6^2, 3\})$	1548288
24	$\mathcal{O}(1; \{12^5, 8^2, 4, 3\})$	3244032
24	$\mathcal{O}(1; \{12^6, 8^2, 2\})$	3244032
24	$\mathcal{O}(1; \{24, 8, 4, 3, 2^9\})$	9216
24	$\mathcal{O}(1; \{24, 8, 4, 3^4, 2^5\})$	46080
24	$\mathcal{O}(1; \{24, 8, 4, 3^7, 2\})$	396288
24	$\mathcal{O}(1; \{24, 8, 4^3, 3, 2^6\})$	36864
24	$\mathcal{O}(1; \{24, 8, 4^3, 3^4, 2^2\})$	184320
24	$\mathcal{O}(1; \{24, 8, 4^5, 3, 2^3\})$	147456
24	$\mathcal{O}(1; \{24, 8, 4^7, 3\})$	589824
24	$\mathcal{O}(1; \{24, 8, 6, 4, 3^2, 2^6\})$	27648

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24, 8, 6, 4, 3^5, 2^2\})$	193536
24	$\mathcal{O}(1; \{24, 8, 6, 4^3, 3^2, 2^3\})$	110592
24	$\mathcal{O}(1; \{24, 8, 6, 4^5, 3^2\})$	442368
24	$\mathcal{O}(1; \{24, 8, 6^2, 4, 2^7\})$	9216
24	$\mathcal{O}(1; \{24, 8, 6^2, 4, 3^3, 2^3\})$	101376
24	$\mathcal{O}(1; \{24, 8, 6^2, 4^3, 2^4\})$	36864
24	$\mathcal{O}(1; \{24, 8, 6^2, 4^3, 3^3\})$	405504
24	$\mathcal{O}(1; \{24, 8, 6^2, 4^5, 2\})$	147456
24	$\mathcal{O}(1; \{24, 8, 6^3, 4, 3, 2^4\})$	46080
24	$\mathcal{O}(1; \{24, 8, 6^3, 4, 3^4\})$	396288
24	$\mathcal{O}(1; \{24, 8, 6^3, 4^3, 3, 2\})$	184320
24	$\mathcal{O}(1; \{24, 8, 6^4, 4, 3^2, 2\})$	193536
24	$\mathcal{O}(1; \{24, 8, 6^5, 4, 2^2\})$	101376
24	$\mathcal{O}(1; \{24, 8^3, 3, 2^7\})$	73728
24	$\mathcal{O}(1; \{24, 8^3, 3^4, 2^3\})$	368640
24	$\mathcal{O}(1; \{24, 8^3, 4^2, 3, 2^4\})$	294912
24	$\mathcal{O}(1; \{24, 8^3, 4^2, 3^4\})$	1474560
24	$\mathcal{O}(1; \{24, 8^3, 4^4, 3, 2\})$	1179648
24	$\mathcal{O}(1; \{24, 8^3, 6, 3^2, 2^4\})$	221184
24	$\mathcal{O}(1; \{24, 8^3, 6, 3^5\})$	1548288
24	$\mathcal{O}(1; \{24, 8^3, 6, 4^2, 3^2, 2\})$	884736
24	$\mathcal{O}(1; \{24, 8^3, 6^2, 2^5\})$	73728
24	$\mathcal{O}(1; \{24, 8^3, 6^2, 3^3, 2\})$	811008
24	$\mathcal{O}(1; \{24, 8^3, 6^2, 4^2, 2^2\})$	294912
24	$\mathcal{O}(1; \{24, 8^3, 6^3, 3, 2^2\})$	368640
24	$\mathcal{O}(1; \{24, 8^3, 6^5\})$	811008
24	$\mathcal{O}(1; \{24, 8^5, 4, 3, 2^2\})$	2359296
24	$\mathcal{O}(1; \{24, 8^5, 6^2, 4\})$	2359296
24	$\mathcal{O}(1; \{24, 8^7, 3\})$	18874368
24	$\mathcal{O}(1; \{24, 12, 8, 2^{10}\})$	9216
24	$\mathcal{O}(1; \{24, 12, 8, 3^3, 2^6\})$	46080
24	$\mathcal{O}(1; \{24, 12, 8, 3^6, 2^2\})$	396288
24	$\mathcal{O}(1; \{24, 12, 8, 4^2, 2^7\})$	36864
24	$\mathcal{O}(1; \{24, 12, 8, 4^2, 3^3, 2^3\})$	184320
24	$\mathcal{O}(1; \{24, 12, 8, 4^4, 2^4\})$	147456
24	$\mathcal{O}(1; \{24, 12, 8, 4^4, 3^3\})$	737280
24	$\mathcal{O}(1; \{24, 12, 8, 4^6, 2\})$	589824
24	$\mathcal{O}(1; \{24, 12, 8, 6, 3, 2^7\})$	27648
24	$\mathcal{O}(1; \{24, 12, 8, 6, 3^4, 2^3\})$	193536
24	$\mathcal{O}(1; \{24, 12, 8, 6, 4^2, 3, 2^4\})$	110592
24	$\mathcal{O}(1; \{24, 12, 8, 6, 4^2, 3^4\})$	774144
24	$\mathcal{O}(1; \{24, 12, 8, 6, 4^4, 3, 2\})$	442368
24	$\mathcal{O}(1; \{24, 12, 8, 6^2, 3^2, 2^4\})$	101376

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24, 12, 8, 6^2, 3^5\})$	783360
24	$\mathcal{O}(1; \{24, 12, 8, 6^2, 4^2, 3^2, 2\})$	405504
24	$\mathcal{O}(1; \{24, 12, 8, 6^3, 2^5\})$	46080
24	$\mathcal{O}(1; \{24, 12, 8, 6^3, 3^3, 2\})$	396288
24	$\mathcal{O}(1; \{24, 12, 8, 6^3, 4^2, 2^2\})$	184320
24	$\mathcal{O}(1; \{24, 12, 8, 6^4, 3, 2^2\})$	193536
24	$\mathcal{O}(1; \{24, 12, 8, 6^6\})$	396288
24	$\mathcal{O}(1; \{24, 12, 8^3, 4, 2^5\})$	294912
24	$\mathcal{O}(1; \{24, 12, 8^3, 4, 3^3, 2\})$	1474560
24	$\mathcal{O}(1; \{24, 12, 8^3, 4^3, 2^2\})$	1179648
24	$\mathcal{O}(1; \{24, 12, 8^3, 6, 4, 3, 2^2\})$	884736
24	$\mathcal{O}(1; \{24, 12, 8^3, 6^3, 4\})$	1474560
24	$\mathcal{O}(1; \{24, 12, 8^5, 2^3\})$	2359296
24	$\mathcal{O}(1; \{24, 12, 8^5, 4^2\})$	9437184
24	$\mathcal{O}(1; \{24, 12, 8^5, 6, 3\})$	7077888
24	$\mathcal{O}(1; \{24, 12^2, 8, 4, 3^2, 2^4\})$	184320
24	$\mathcal{O}(1; \{24, 12^2, 8, 4, 3^5\})$	1585152
24	$\mathcal{O}(1; \{24, 12^2, 8, 4^3, 3^2, 2\})$	737280
24	$\mathcal{O}(1; \{24, 12^2, 8, 6, 4, 2^5\})$	110592
24	$\mathcal{O}(1; \{24, 12^2, 8, 6, 4, 3^3, 2\})$	774144
24	$\mathcal{O}(1; \{24, 12^2, 8, 6, 4^3, 2^2\})$	442368
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^2, 4, 3, 2^2\})$	405504
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^4, 4\})$	774144
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 3^2, 2^2\})$	1474560
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 6, 2^3\})$	884736
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 6, 4^2\})$	3538944
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 6^2, 3\})$	3244032
24	$\mathcal{O}(1; \{24, 12^3, 8, 3, 2^5\})$	184320
24	$\mathcal{O}(1; \{24, 12^3, 8, 3^4, 2\})$	1585152
24	$\mathcal{O}(1; \{24, 12^3, 8, 4^2, 3, 2^2\})$	737280
24	$\mathcal{O}(1; \{24, 12^3, 8, 6, 3^2, 2^2\})$	774144
24	$\mathcal{O}(1; \{24, 12^3, 8, 6^2, 2^3\})$	405504
24	$\mathcal{O}(1; \{24, 12^3, 8, 6^2, 4^2\})$	1622016
24	$\mathcal{O}(1; \{24, 12^3, 8, 6^3, 3\})$	1585152
24	$\mathcal{O}(1; \{24, 12^3, 8^3, 4, 3\})$	5898240
24	$\mathcal{O}(1; \{24, 12^4, 8, 4, 2^3\})$	737280
24	$\mathcal{O}(1; \{24, 12^4, 8, 4^3\})$	2949120
24	$\mathcal{O}(1; \{24, 12^4, 8, 6, 4, 3\})$	3096576
24	$\mathcal{O}(1; \{24, 12^4, 8^3, 2\})$	5898240
24	$\mathcal{O}(1; \{24, 12^5, 8, 3^2\})$	6340608
24	$\mathcal{O}(1; \{24, 12^5, 8, 6, 2\})$	3096576
24	$\mathcal{O}(1; \{24^2, 3^2, 2^9\})$	13824
24	$\mathcal{O}(1; \{24^2, 3^5, 2^5\})$	96768

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^2, 3^8, 2\})$	787968
24	$\mathcal{O}(1; \{24^2, 4^2, 3^2, 2^6\})$	55296
24	$\mathcal{O}(1; \{24^2, 4^2, 3^5, 2^2\})$	387072
24	$\mathcal{O}(1; \{24^2, 4^4, 3^2, 2^3\})$	221184
24	$\mathcal{O}(1; \{24^2, 4^6, 3^2\})$	884736
24	$\mathcal{O}(1; \{24^2, 6, 2^{10}\})$	4608
24	$\mathcal{O}(1; \{24^2, 6, 3^3, 2^6\})$	50688
24	$\mathcal{O}(1; \{24^2, 6, 3^6, 2^2\})$	391680
24	$\mathcal{O}(1; \{24^2, 6, 4^2, 2^7\})$	18432
24	$\mathcal{O}(1; \{24^2, 6, 4^2, 3^3, 2^3\})$	202752
24	$\mathcal{O}(1; \{24^2, 6, 4^4, 2^4\})$	73728
24	$\mathcal{O}(1; \{24^2, 6, 4^4, 3^3\})$	811008
24	$\mathcal{O}(1; \{24^2, 6, 4^6, 2\})$	294912
24	$\mathcal{O}(1; \{24^2, 6^2, 3, 2^7\})$	23040
24	$\mathcal{O}(1; \{24^2, 6^2, 3^4, 2^3\})$	198144
24	$\mathcal{O}(1; \{24^2, 6^2, 4^2, 3, 2^4\})$	92160
24	$\mathcal{O}(1; \{24^2, 6^2, 4^2, 3^4\})$	792576
24	$\mathcal{O}(1; \{24^2, 6^2, 4^4, 3, 2\})$	368640
24	$\mathcal{O}(1; \{24^2, 6^3, 3^2, 2^4\})$	96768
24	$\mathcal{O}(1; \{24^2, 6^3, 3^5\})$	787968
24	$\mathcal{O}(1; \{24^2, 6^3, 4^2, 3^2, 2\})$	387072
24	$\mathcal{O}(1; \{24^2, 6^4, 2^5\})$	50688
24	$\mathcal{O}(1; \{24^2, 6^4, 3^3, 2\})$	391680
24	$\mathcal{O}(1; \{24^2, 6^4, 4^2, 2^2\})$	202752
24	$\mathcal{O}(1; \{24^2, 6^5, 3, 2^2\})$	198144
24	$\mathcal{O}(1; \{24^2, 6^7\})$	391680
24	$\mathcal{O}(1; \{24^2, 8^2, 4, 3^2, 2^4\})$	442368
24	$\mathcal{O}(1; \{24^2, 8^2, 4, 3^5\})$	3096576
24	$\mathcal{O}(1; \{24^2, 8^2, 4^3, 3^2, 2\})$	1769472
24	$\mathcal{O}(1; \{24^2, 8^2, 6, 4, 2^5\})$	147456
24	$\mathcal{O}(1; \{24^2, 8^2, 6, 4, 3^3, 2\})$	1622016
24	$\mathcal{O}(1; \{24^2, 8^2, 6, 4^3, 2^2\})$	589824
24	$\mathcal{O}(1; \{24^2, 8^2, 6^2, 4, 3, 2^2\})$	737280
24	$\mathcal{O}(1; \{24^2, 8^2, 6^4, 4\})$	1622016
24	$\mathcal{O}(1; \{24^2, 8^4, 3^2, 2^2\})$	3538944
24	$\mathcal{O}(1; \{24^2, 8^4, 6, 2^3\})$	1179648
24	$\mathcal{O}(1; \{24^2, 8^4, 6, 4^2\})$	4718592
24	$\mathcal{O}(1; \{24^2, 8^4, 6^2, 3\})$	5898240
24	$\mathcal{O}(1; \{24^2, 12, 4, 3, 2^7\})$	55296
24	$\mathcal{O}(1; \{24^2, 12, 4, 3^4, 2^3\})$	387072
24	$\mathcal{O}(1; \{24^2, 12, 4^3, 3, 2^4\})$	221184
24	$\mathcal{O}(1; \{24^2, 12, 4^3, 3^4\})$	1548288
24	$\mathcal{O}(1; \{24^2, 12, 4^5, 3, 2\})$	884736

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^2, 12, 6, 4, 3^2, 2^4\})$	202752
24	$\mathcal{O}(1; \{24^2, 12, 6, 4, 3^5\})$	1566720
24	$\mathcal{O}(1; \{24^2, 12, 6, 4^3, 3^2, 2\})$	811008
24	$\mathcal{O}(1; \{24^2, 12, 6^2, 4, 2^5\})$	92160
24	$\mathcal{O}(1; \{24^2, 12, 6^2, 4, 3^3, 2\})$	792576
24	$\mathcal{O}(1; \{24^2, 12, 6^2, 4^3, 2^2\})$	368640
24	$\mathcal{O}(1; \{24^2, 12, 6^3, 4, 3, 2^2\})$	387072
24	$\mathcal{O}(1; \{24^2, 12, 6^5, 4\})$	792576
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 3, 2^5\})$	442368
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 3^4, 2\})$	3096576
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 4^2, 3, 2^2\})$	1769472
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6, 3^2, 2^2\})$	1622016
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6^2, 2^3\})$	737280
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6^2, 4^2\})$	2949120
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6^3, 3\})$	3096576
24	$\mathcal{O}(1; \{24^2, 12, 8^4, 4, 3\})$	14155776
24	$\mathcal{O}(1; \{24^2, 12^2, 2^8\})$	55296
24	$\mathcal{O}(1; \{24^2, 12^2, 3^3, 2^4\})$	387072
24	$\mathcal{O}(1; \{24^2, 12^2, 3^6\})$	3151872
24	$\mathcal{O}(1; \{24^2, 12^2, 4^2, 2^5\})$	221184
24	$\mathcal{O}(1; \{24^2, 12^2, 4^2, 3^3, 2\})$	1548288
24	$\mathcal{O}(1; \{24^2, 12^2, 4^4, 2^2\})$	884736
24	$\mathcal{O}(1; \{24^2, 12^2, 6, 3, 2^5\})$	202752
24	$\mathcal{O}(1; \{24^2, 12^2, 6, 3^4, 2\})$	1566720
24	$\mathcal{O}(1; \{24^2, 12^2, 6, 4^2, 3, 2^2\})$	811008
24	$\mathcal{O}(1; \{24^2, 12^2, 6^2, 3^2, 2^2\})$	792576
24	$\mathcal{O}(1; \{24^2, 12^2, 6^3, 2^3\})$	387072
24	$\mathcal{O}(1; \{24^2, 12^2, 6^3, 4^2\})$	1548288
24	$\mathcal{O}(1; \{24^2, 12^2, 6^4, 3\})$	1566720
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 4, 2^3\})$	1769472
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 4^3\})$	7077888
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 6, 4, 3\})$	6488064
24	$\mathcal{O}(1; \{24^2, 12^2, 8^4, 2\})$	14155776
24	$\mathcal{O}(1; \{24^2, 12^3, 4, 3^2, 2^2\})$	1548288
24	$\mathcal{O}(1; \{24^2, 12^3, 6, 4, 2^3\})$	811008
24	$\mathcal{O}(1; \{24^2, 12^3, 6, 4^3\})$	3244032
24	$\mathcal{O}(1; \{24^2, 12^3, 6^2, 4, 3\})$	3170304
24	$\mathcal{O}(1; \{24^2, 12^3, 8^2, 3^2\})$	12386304
24	$\mathcal{O}(1; \{24^2, 12^3, 8^2, 6, 2\})$	6488064
24	$\mathcal{O}(1; \{24^2, 12^4, 3, 2^3\})$	1548288
24	$\mathcal{O}(1; \{24^2, 12^4, 4^2, 3\})$	6193152
24	$\mathcal{O}(1; \{24^2, 12^4, 6, 3^2\})$	6266880
24	$\mathcal{O}(1; \{24^2, 12^4, 6^2, 2\})$	3170304

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^2, 12^5, 4, 2\})$	6193152
24	$\mathcal{O}(1; \{24^3, 8, 2^8\})$	73728
24	$\mathcal{O}(1; \{24^3, 8, 3^3, 2^4\})$	811008
24	$\mathcal{O}(1; \{24^3, 8, 3^6\})$	6266880
24	$\mathcal{O}(1; \{24^3, 8, 4^2, 2^5\})$	294912
24	$\mathcal{O}(1; \{24^3, 8, 4^2, 3^3, 2\})$	3244032
24	$\mathcal{O}(1; \{24^3, 8, 4^4, 2^2\})$	1179648
24	$\mathcal{O}(1; \{24^3, 8, 6, 3, 2^5\})$	368640
24	$\mathcal{O}(1; \{24^3, 8, 6, 3^4, 2\})$	3170304
24	$\mathcal{O}(1; \{24^3, 8, 6, 4^2, 3, 2^2\})$	1474560
24	$\mathcal{O}(1; \{24^3, 8, 6^2, 3^2, 2^2\})$	1548288
24	$\mathcal{O}(1; \{24^3, 8, 6^3, 2^3\})$	811008
24	$\mathcal{O}(1; \{24^3, 8, 6^3, 4^2\})$	3244032
24	$\mathcal{O}(1; \{24^3, 8, 6^4, 3\})$	3170304
24	$\mathcal{O}(1; \{24^3, 8^3, 4, 2^3\})$	2359296
24	$\mathcal{O}(1; \{24^3, 8^3, 4^3\})$	9437184
24	$\mathcal{O}(1; \{24^3, 8^3, 6, 4, 3\})$	11796480
24	$\mathcal{O}(1; \{24^3, 8^5, 2\})$	18874368
24	$\mathcal{O}(1; \{24^3, 12, 8, 4, 3^2, 2^2\})$	3244032
24	$\mathcal{O}(1; \{24^3, 12, 8, 6, 4, 2^3\})$	1474560
24	$\mathcal{O}(1; \{24^3, 12, 8, 6, 4^3\})$	5898240
24	$\mathcal{O}(1; \{24^3, 12, 8, 6^2, 4, 3\})$	6193152
24	$\mathcal{O}(1; \{24^3, 12, 8^3, 3^2\})$	25952256
24	$\mathcal{O}(1; \{24^3, 12, 8^3, 6, 2\})$	11796480
24	$\mathcal{O}(1; \{24^3, 12^2, 8, 3, 2^3\})$	3244032
24	$\mathcal{O}(1; \{24^3, 12^2, 8, 4^2, 3\})$	12976128
24	$\mathcal{O}(1; \{24^3, 12^2, 8, 6, 3^2\})$	12681216
24	$\mathcal{O}(1; \{24^3, 12^2, 8, 6^2, 2\})$	6193152
24	$\mathcal{O}(1; \{24^3, 12^3, 8, 4, 2\})$	12976128
24	$\mathcal{O}(1; \{24^4, 4, 3, 2^5\})$	737280
24	$\mathcal{O}(1; \{24^4, 4, 3^4, 2\})$	6340608
24	$\mathcal{O}(1; \{24^4, 4^3, 3, 2^2\})$	2949120
24	$\mathcal{O}(1; \{24^4, 6, 4, 3^2, 2^2\})$	3096576
24	$\mathcal{O}(1; \{24^4, 6^2, 4, 2^3\})$	1622016
24	$\mathcal{O}(1; \{24^4, 6^2, 4^3\})$	6488064
24	$\mathcal{O}(1; \{24^4, 6^3, 4, 3\})$	6340608
24	$\mathcal{O}(1; \{24^4, 8^2, 3, 2^3\})$	5898240
24	$\mathcal{O}(1; \{24^4, 8^2, 4^2, 3\})$	23592960
24	$\mathcal{O}(1; \{24^4, 8^2, 6, 3^2\})$	24772608
24	$\mathcal{O}(1; \{24^4, 8^2, 6^2, 2\})$	12976128
24	$\mathcal{O}(1; \{24^4, 12, 2^6\})$	737280
24	$\mathcal{O}(1; \{24^4, 12, 3^3, 2^2\})$	6340608
24	$\mathcal{O}(1; \{24^4, 12, 4^2, 2^3\})$	2949120

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^4, 12, 4^4\})$	11796480
24	$\mathcal{O}(1; \{24^4, 12, 6, 3, 2^3\})$	3096576
24	$\mathcal{O}(1; \{24^4, 12, 6, 4^2, 3\})$	12386304
24	$\mathcal{O}(1; \{24^4, 12, 6^2, 3^2\})$	12533760
24	$\mathcal{O}(1; \{24^4, 12, 6^3, 2\})$	6340608
24	$\mathcal{O}(1; \{24^4, 12, 8^2, 4, 2\})$	23592960
24	$\mathcal{O}(1; \{24^4, 12^2, 4, 3^2\})$	25362432
24	$\mathcal{O}(1; \{24^4, 12^2, 6, 4, 2\})$	12386304
24	$\mathcal{O}(1; \{24^4, 12^3, 3, 2\})$	25362432
24	$\mathcal{O}(1; \{24^5, 8, 4, 3^2\})$	49545216
24	$\mathcal{O}(1; \{24^5, 8, 6, 4, 2\})$	25952256
24	$\mathcal{O}(1; \{24^5, 12, 8, 3, 2\})$	49545216
24	$\mathcal{O}(1; \{24^6, 2^4\})$	12976128
24	$\mathcal{O}(1; \{24^6, 3^3\})$	100270080
24	$\mathcal{O}(1; \{24^6, 4^2, 2\})$	51904512
24	$\mathcal{O}(1; \{24^6, 6, 3, 2\})$	50724864
24	$\mathcal{O}(0; \{8^2, 3^3, 2^{12}\})$	8
24	$\mathcal{O}(0; \{8^2, 3^6, 2^8\})$	88
24	$\mathcal{O}(0; \{8^2, 3^9, 2^4\})$	680
24	$\mathcal{O}(0; \{8^2, 3^{12}\})$	5464
24	$\mathcal{O}(0; \{8^2, 4^2, 3^3, 2^9\})$	32
24	$\mathcal{O}(0; \{8^2, 4^2, 3^6, 2^5\})$	352
24	$\mathcal{O}(0; \{8^2, 4^2, 3^9, 2\})$	2720
24	$\mathcal{O}(0; \{8^2, 4^4, 3^3, 2^6\})$	128
24	$\mathcal{O}(0; \{8^2, 4^4, 3^6, 2^2\})$	1408
24	$\mathcal{O}(0; \{8^2, 4^6, 3^3, 2^3\})$	512
24	$\mathcal{O}(0; \{8^2, 4^8, 3^3\})$	2048
24	$\mathcal{O}(0; \{8^2, 6, 3, 2^{13}\})$	8
24	$\mathcal{O}(0; \{8^2, 6, 3^4, 2^9\})$	40
24	$\mathcal{O}(0; \{8^2, 6, 3^7, 2^5\})$	344
24	$\mathcal{O}(0; \{8^2, 6, 3^{10}, 2\})$	2728
24	$\mathcal{O}(0; \{8^2, 6, 4^2, 3, 2^{10}\})$	32
24	$\mathcal{O}(0; \{8^2, 6, 4^2, 3^4, 2^6\})$	160
24	$\mathcal{O}(0; \{8^2, 6, 4^2, 3^7, 2^2\})$	1376
24	$\mathcal{O}(0; \{8^2, 6, 4^4, 3, 2^7\})$	128
24	$\mathcal{O}(0; \{8^2, 6, 4^4, 3^4, 2^3\})$	640
24	$\mathcal{O}(0; \{8^2, 6, 4^6, 3, 2^4\})$	512
24	$\mathcal{O}(0; \{8^2, 6, 4^6, 3^4\})$	2560
24	$\mathcal{O}(0; \{8^2, 6, 4^8, 3, 2\})$	2048
24	$\mathcal{O}(0; \{8^2, 6^2, 3^2, 2^{10}\})$	24
24	$\mathcal{O}(0; \{8^2, 6^2, 3^5, 2^6\})$	168
24	$\mathcal{O}(0; \{8^2, 6^2, 3^8, 2^2\})$	1368
24	$\mathcal{O}(0; \{8^2, 6^2, 4^2, 3^2, 2^7\})$	96

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{8^2, 6^2, 4^2, 3^5, 2^3\})$	672
24	$\mathcal{O}(0; \{8^2, 6^2, 4^4, 3^2, 2^4\})$	384
24	$\mathcal{O}(0; \{8^2, 6^2, 4^4, 3^5\})$	2688
24	$\mathcal{O}(0; \{8^2, 6^2, 4^6, 3^2, 2\})$	1536
24	$\mathcal{O}(0; \{8^2, 6^3, 2^{11}\})$	8
24	$\mathcal{O}(0; \{8^2, 6^3, 3^3, 2^7\})$	88
24	$\mathcal{O}(0; \{8^2, 6^3, 3^6, 2^3\})$	680
24	$\mathcal{O}(0; \{8^2, 6^3, 4^2, 2^8\})$	32
24	$\mathcal{O}(0; \{8^2, 6^3, 4^2, 3^3, 2^4\})$	352
24	$\mathcal{O}(0; \{8^2, 6^3, 4^2, 3^6\})$	2720
24	$\mathcal{O}(0; \{8^2, 6^3, 4^4, 2^5\})$	128
24	$\mathcal{O}(0; \{8^2, 6^3, 4^4, 3^3, 2\})$	1408
24	$\mathcal{O}(0; \{8^2, 6^3, 4^6, 2^2\})$	512
24	$\mathcal{O}(0; \{8^2, 6^4, 3, 2^8\})$	40
24	$\mathcal{O}(0; \{8^2, 6^4, 3^4, 2^4\})$	344
24	$\mathcal{O}(0; \{8^2, 6^4, 3^7\})$	2728
24	$\mathcal{O}(0; \{8^2, 6^4, 4^2, 3, 2^5\})$	160
24	$\mathcal{O}(0; \{8^2, 6^4, 4^2, 3^4, 2\})$	1376
24	$\mathcal{O}(0; \{8^2, 6^4, 4^4, 3, 2^2\})$	640
24	$\mathcal{O}(0; \{8^2, 6^5, 3^2, 2^5\})$	168
24	$\mathcal{O}(0; \{8^2, 6^5, 3^5, 2\})$	1368
24	$\mathcal{O}(0; \{8^2, 6^5, 4^2, 3^2, 2^2\})$	672
24	$\mathcal{O}(0; \{8^2, 6^6, 2^6\})$	88
24	$\mathcal{O}(0; \{8^2, 6^6, 3^3, 2^2\})$	680
24	$\mathcal{O}(0; \{8^2, 6^6, 4^2, 2^3\})$	352
24	$\mathcal{O}(0; \{8^2, 6^6, 4^4\})$	1408
24	$\mathcal{O}(0; \{8^2, 6^7, 3, 2^3\})$	344
24	$\mathcal{O}(0; \{8^2, 6^7, 4^2, 3\})$	1376
24	$\mathcal{O}(0; \{8^2, 6^8, 3^2\})$	1368
24	$\mathcal{O}(0; \{8^2, 6^9, 2\})$	680
24	$\mathcal{O}(0; \{8^4, 4, 3^3, 2^7\})$	256
24	$\mathcal{O}(0; \{8^4, 4, 3^6, 2^3\})$	2816
24	$\mathcal{O}(0; \{8^4, 4^3, 3^3, 2^4\})$	1024
24	$\mathcal{O}(0; \{8^4, 4^3, 3^6\})$	11264
24	$\mathcal{O}(0; \{8^4, 4^5, 3^3, 2\})$	4096
24	$\mathcal{O}(0; \{8^4, 6, 4, 3, 2^8\})$	256
24	$\mathcal{O}(0; \{8^4, 6, 4, 3^4, 2^4\})$	1280
24	$\mathcal{O}(0; \{8^4, 6, 4, 3^7\})$	11008
24	$\mathcal{O}(0; \{8^4, 6, 4^3, 3, 2^5\})$	1024
24	$\mathcal{O}(0; \{8^4, 6, 4^3, 3^4, 2\})$	5120
24	$\mathcal{O}(0; \{8^4, 6, 4^5, 3, 2^2\})$	4096
24	$\mathcal{O}(0; \{8^4, 6^2, 4, 3^2, 2^5\})$	768
24	$\mathcal{O}(0; \{8^4, 6^2, 4, 3^5, 2\})$	5376

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{8^4, 6^2, 4^3, 3^2, 2^2\})$	3072
24	$\mathcal{O}(0; \{8^4, 6^3, 4, 2^6\})$	256
24	$\mathcal{O}(0; \{8^4, 6^3, 4, 3^3, 2^2\})$	2816
24	$\mathcal{O}(0; \{8^4, 6^3, 4^3, 2^3\})$	1024
24	$\mathcal{O}(0; \{8^4, 6^3, 4^5\})$	4096
24	$\mathcal{O}(0; \{8^4, 6^4, 4, 3, 2^3\})$	1280
24	$\mathcal{O}(0; \{8^4, 6^4, 4^3, 3\})$	5120
24	$\mathcal{O}(0; \{8^4, 6^5, 4, 3^2\})$	5376
24	$\mathcal{O}(0; \{8^4, 6^6, 4, 2\})$	2816
24	$\mathcal{O}(0; \{8^6, 3^3, 2^5\})$	2048
24	$\mathcal{O}(0; \{8^6, 3^6, 2\})$	22528
24	$\mathcal{O}(0; \{8^6, 4^2, 3^3, 2^2\})$	8192
24	$\mathcal{O}(0; \{8^6, 6, 3, 2^6\})$	2048
24	$\mathcal{O}(0; \{8^6, 6, 3^4, 2^2\})$	10240
24	$\mathcal{O}(0; \{8^6, 6, 4^2, 3, 2^3\})$	8192
24	$\mathcal{O}(0; \{8^6, 6, 4^4, 3\})$	32768
24	$\mathcal{O}(0; \{8^6, 6^2, 3^2, 2^3\})$	6144
24	$\mathcal{O}(0; \{8^6, 6^2, 4^2, 3^2\})$	24576
24	$\mathcal{O}(0; \{8^6, 6^3, 2^4\})$	2048
24	$\mathcal{O}(0; \{8^6, 6^3, 3^3\})$	22528
24	$\mathcal{O}(0; \{8^6, 6^3, 4^2, 2\})$	8192
24	$\mathcal{O}(0; \{8^6, 6^4, 3, 2\})$	10240
24	$\mathcal{O}(0; \{8^8, 4, 3^3\})$	65536
24	$\mathcal{O}(0; \{8^8, 6, 4, 3, 2\})$	65536
24	$\mathcal{O}(0; \{12, 8^2, 4, 3^2, 2^{10}\})$	32
24	$\mathcal{O}(0; \{12, 8^2, 4, 3^5, 2^6\})$	352
24	$\mathcal{O}(0; \{12, 8^2, 4, 3^8, 2^2\})$	2720
24	$\mathcal{O}(0; \{12, 8^2, 4^3, 3^2, 2^7\})$	128
24	$\mathcal{O}(0; \{12, 8^2, 4^3, 3^5, 2^3\})$	1408
24	$\mathcal{O}(0; \{12, 8^2, 4^5, 3^2, 2^4\})$	512
24	$\mathcal{O}(0; \{12, 8^2, 4^5, 3^5\})$	5632
24	$\mathcal{O}(0; \{12, 8^2, 4^7, 3^2, 2\})$	2048
24	$\mathcal{O}(0; \{12, 8^2, 6, 4, 2^{11}\})$	32
24	$\mathcal{O}(0; \{12, 8^2, 6, 4, 3^3, 2^7\})$	160
24	$\mathcal{O}(0; \{12, 8^2, 6, 4, 3^6, 2^3\})$	1376
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^3, 2^8\})$	128
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^3, 3^3, 2^4\})$	640
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^3, 3^6\})$	5504
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^5, 2^5\})$	512
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^5, 3^3, 2\})$	2560
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^7, 2^2\})$	2048
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4, 3, 2^8\})$	96
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4, 3^4, 2^4\})$	672

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4, 3^7\})$	5472
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^3, 3, 2^5\})$	384
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^3, 3^4, 2\})$	2688
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^5, 3, 2^2\})$	1536
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4, 3^2, 2^5\})$	352
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4, 3^5, 2\})$	2720
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4^3, 3^2, 2^2\})$	1408
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 4, 2^6\})$	160
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 4, 3^3, 2^2\})$	1376
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 4^3, 2^3\})$	640
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 4^5\})$	2560
24	$\mathcal{O}(0; \{12, 8^2, 6^5, 4, 3, 2^3\})$	672
24	$\mathcal{O}(0; \{12, 8^2, 6^5, 4^3, 3\})$	2688
24	$\mathcal{O}(0; \{12, 8^2, 6^6, 4, 3^2\})$	2720
24	$\mathcal{O}(0; \{12, 8^2, 6^7, 4, 2\})$	1376
24	$\mathcal{O}(0; \{12, 8^4, 3^2, 2^8\})$	256
24	$\mathcal{O}(0; \{12, 8^4, 3^5, 2^4\})$	2816
24	$\mathcal{O}(0; \{12, 8^4, 3^8\})$	21760
24	$\mathcal{O}(0; \{12, 8^4, 4^2, 3^2, 2^5\})$	1024
24	$\mathcal{O}(0; \{12, 8^4, 4^2, 3^5, 2\})$	11264
24	$\mathcal{O}(0; \{12, 8^4, 4^4, 3^2, 2^2\})$	4096
24	$\mathcal{O}(0; \{12, 8^4, 6, 2^9\})$	256
24	$\mathcal{O}(0; \{12, 8^4, 6, 3^3, 2^5\})$	1280
24	$\mathcal{O}(0; \{12, 8^4, 6, 3^6, 2\})$	11008
24	$\mathcal{O}(0; \{12, 8^4, 6, 4^2, 2^6\})$	1024
24	$\mathcal{O}(0; \{12, 8^4, 6, 4^2, 3^3, 2^2\})$	5120
24	$\mathcal{O}(0; \{12, 8^4, 6, 4^4, 2^3\})$	4096
24	$\mathcal{O}(0; \{12, 8^4, 6, 4^6\})$	16384
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 3, 2^6\})$	768
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 3^4, 2^2\})$	5376
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 4^2, 3, 2^3\})$	3072
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 4^4, 3\})$	12288
24	$\mathcal{O}(0; \{12, 8^4, 6^3, 3^2, 2^3\})$	2816
24	$\mathcal{O}(0; \{12, 8^4, 6^3, 4^2, 3^2\})$	11264
24	$\mathcal{O}(0; \{12, 8^4, 6^4, 2^4\})$	1280
24	$\mathcal{O}(0; \{12, 8^4, 6^4, 3^3\})$	11008
24	$\mathcal{O}(0; \{12, 8^4, 6^4, 4^2, 2\})$	5120
24	$\mathcal{O}(0; \{12, 8^4, 6^5, 3, 2\})$	5376
24	$\mathcal{O}(0; \{12, 8^6, 4, 3^2, 2^3\})$	8192
24	$\mathcal{O}(0; \{12, 8^6, 4^3, 3^2\})$	32768
24	$\mathcal{O}(0; \{12, 8^6, 6, 4, 2^4\})$	8192
24	$\mathcal{O}(0; \{12, 8^6, 6, 4, 3^3\})$	40960
24	$\mathcal{O}(0; \{12, 8^6, 6, 4^3, 2\})$	32768

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12, 8^6, 6^2, 4, 3, 2\})$	24576
24	$\mathcal{O}(0; \{12, 8^8, 3^2, 2\})$	65536
24	$\mathcal{O}(0; \{12, 8^8, 6, 2^2\})$	65536
24	$\mathcal{O}(0; \{12^2, 8^2, 3, 2^{11}\})$	32
24	$\mathcal{O}(0; \{12^2, 8^2, 3^4, 2^7\})$	352
24	$\mathcal{O}(0; \{12^2, 8^2, 3^7, 2^3\})$	2720
24	$\mathcal{O}(0; \{12^2, 8^2, 4^2, 3, 2^8\})$	128
24	$\mathcal{O}(0; \{12^2, 8^2, 4^2, 3^4, 2^4\})$	1408
24	$\mathcal{O}(0; \{12^2, 8^2, 4^2, 3^7\})$	10880
24	$\mathcal{O}(0; \{12^2, 8^2, 4^4, 3, 2^5\})$	512
24	$\mathcal{O}(0; \{12^2, 8^2, 4^4, 3^4, 2\})$	5632
24	$\mathcal{O}(0; \{12^2, 8^2, 4^6, 3, 2^2\})$	2048
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 3^2, 2^8\})$	160
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 3^5, 2^4\})$	1376
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 3^8\})$	10912
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^2, 3^2, 2^5\})$	640
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^2, 3^5, 2\})$	5504
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^4, 3^2, 2^2\})$	2560
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 2^9\})$	96
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 3^3, 2^5\})$	672
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 3^6, 2\})$	5472
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4^2, 2^6\})$	384
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4^2, 3^3, 2^2\})$	2688
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4^4, 2^3\})$	1536
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4^6\})$	6144
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 3, 2^6\})$	352
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 3^4, 2^2\})$	2720
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 4^2, 3, 2^3\})$	1408
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 4^4, 3\})$	5632
24	$\mathcal{O}(0; \{12^2, 8^2, 6^4, 3^2, 2^3\})$	1376
24	$\mathcal{O}(0; \{12^2, 8^2, 6^4, 4^2, 3^2\})$	5504
24	$\mathcal{O}(0; \{12^2, 8^2, 6^5, 2^4\})$	672
24	$\mathcal{O}(0; \{12^2, 8^2, 6^5, 3^3\})$	5472
24	$\mathcal{O}(0; \{12^2, 8^2, 6^5, 4^2, 2\})$	2688
24	$\mathcal{O}(0; \{12^2, 8^2, 6^6, 3, 2\})$	2720
24	$\mathcal{O}(0; \{12^2, 8^4, 4, 3, 2^6\})$	1024
24	$\mathcal{O}(0; \{12^2, 8^4, 4, 3^4, 2^2\})$	11264
24	$\mathcal{O}(0; \{12^2, 8^4, 4^3, 3, 2^3\})$	4096
24	$\mathcal{O}(0; \{12^2, 8^4, 4^5, 3\})$	16384
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 4, 3^2, 2^3\})$	5120
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 4^3, 3^2\})$	20480
24	$\mathcal{O}(0; \{12^2, 8^4, 6^2, 4, 2^4\})$	3072
24	$\mathcal{O}(0; \{12^2, 8^4, 6^2, 4, 3^3\})$	21504

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12^2, 8^4, 6^2, 4^3, 2\})$	12288
24	$\mathcal{O}(0; \{12^2, 8^4, 6^3, 4, 3, 2\})$	11264
24	$\mathcal{O}(0; \{12^2, 8^6, 3, 2^4\})$	8192
24	$\mathcal{O}(0; \{12^2, 8^6, 3^4\})$	90112
24	$\mathcal{O}(0; \{12^2, 8^6, 4^2, 3, 2\})$	32768
24	$\mathcal{O}(0; \{12^2, 8^6, 6, 3^2, 2\})$	40960
24	$\mathcal{O}(0; \{12^2, 8^6, 6^2, 2^2\})$	24576
24	$\mathcal{O}(0; \{12^3, 8^2, 4, 2^9\})$	128
24	$\mathcal{O}(0; \{12^3, 8^2, 4, 3^3, 2^5\})$	1408
24	$\mathcal{O}(0; \{12^3, 8^2, 4, 3^6, 2\})$	10880
24	$\mathcal{O}(0; \{12^3, 8^2, 4^3, 2^6\})$	512
24	$\mathcal{O}(0; \{12^3, 8^2, 4^3, 3^3, 2^2\})$	5632
24	$\mathcal{O}(0; \{12^3, 8^2, 4^5, 2^3\})$	2048
24	$\mathcal{O}(0; \{12^3, 8^2, 4^7\})$	8192
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4, 3, 2^6\})$	640
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4, 3^4, 2^2\})$	5504
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4^3, 3, 2^3\})$	2560
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4^5, 3\})$	10240
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 4, 3^2, 2^3\})$	2688
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 4^3, 3^2\})$	10752
24	$\mathcal{O}(0; \{12^3, 8^2, 6^3, 4, 2^4\})$	1408
24	$\mathcal{O}(0; \{12^3, 8^2, 6^3, 4, 3^3\})$	10880
24	$\mathcal{O}(0; \{12^3, 8^2, 6^3, 4^3, 2\})$	5632
24	$\mathcal{O}(0; \{12^3, 8^2, 6^4, 4, 3, 2\})$	5504
24	$\mathcal{O}(0; \{12^3, 8^4, 2^7\})$	1024
24	$\mathcal{O}(0; \{12^3, 8^4, 3^3, 2^3\})$	11264
24	$\mathcal{O}(0; \{12^3, 8^4, 4^2, 2^4\})$	4096
24	$\mathcal{O}(0; \{12^3, 8^4, 4^2, 3^3\})$	45056
24	$\mathcal{O}(0; \{12^3, 8^4, 4^4, 2\})$	16384
24	$\mathcal{O}(0; \{12^3, 8^4, 6, 3, 2^4\})$	5120
24	$\mathcal{O}(0; \{12^3, 8^4, 6, 3^4\})$	44032
24	$\mathcal{O}(0; \{12^3, 8^4, 6, 4^2, 3, 2\})$	20480
24	$\mathcal{O}(0; \{12^3, 8^4, 6^2, 3^2, 2\})$	21504
24	$\mathcal{O}(0; \{12^3, 8^4, 6^3, 2^2\})$	11264
24	$\mathcal{O}(0; \{12^3, 8^6, 4, 2^2\})$	32768
24	$\mathcal{O}(0; \{12^3, 8^8\})$	262144
24	$\mathcal{O}(0; \{12^4, 8^2, 3^2, 2^6\})$	1408
24	$\mathcal{O}(0; \{12^4, 8^2, 3^5, 2^2\})$	10880
24	$\mathcal{O}(0; \{12^4, 8^2, 4^2, 3^2, 2^3\})$	5632
24	$\mathcal{O}(0; \{12^4, 8^2, 4^4, 3^2\})$	22528
24	$\mathcal{O}(0; \{12^4, 8^2, 6, 2^7\})$	640
24	$\mathcal{O}(0; \{12^4, 8^2, 6, 3^3, 2^3\})$	5504
24	$\mathcal{O}(0; \{12^4, 8^2, 6, 4^2, 2^4\})$	2560

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12^4, 8^2, 6, 4^2, 3^3\})$	22016
24	$\mathcal{O}(0; \{12^4, 8^2, 6, 4^4, 2\})$	10240
24	$\mathcal{O}(0; \{12^4, 8^2, 6^2, 3, 2^4\})$	2688
24	$\mathcal{O}(0; \{12^4, 8^2, 6^2, 3^4\})$	21888
24	$\mathcal{O}(0; \{12^4, 8^2, 6^2, 4^2, 3, 2\})$	10752
24	$\mathcal{O}(0; \{12^4, 8^2, 6^3, 3^2, 2\})$	10880
24	$\mathcal{O}(0; \{12^4, 8^2, 6^4, 2^2\})$	5504
24	$\mathcal{O}(0; \{12^4, 8^4, 4, 3^2, 2\})$	45056
24	$\mathcal{O}(0; \{12^4, 8^4, 6, 4, 2^2\})$	20480
24	$\mathcal{O}(0; \{12^4, 8^6, 6\})$	163840
24	$\mathcal{O}(0; \{12^5, 8^2, 4, 3, 2^4\})$	5632
24	$\mathcal{O}(0; \{12^5, 8^2, 4, 3^4\})$	43520
24	$\mathcal{O}(0; \{12^5, 8^2, 4^3, 3, 2\})$	22528
24	$\mathcal{O}(0; \{12^5, 8^2, 6, 4, 3^2, 2\})$	22016
24	$\mathcal{O}(0; \{12^5, 8^2, 6^2, 4, 2^2\})$	10752
24	$\mathcal{O}(0; \{12^5, 8^4, 3, 2^2\})$	45056
24	$\mathcal{O}(0; \{12^5, 8^4, 6^2\})$	86016
24	$\mathcal{O}(0; \{12^6, 8^2, 2^5\})$	5632
24	$\mathcal{O}(0; \{12^6, 8^2, 3^3, 2\})$	43520
24	$\mathcal{O}(0; \{12^6, 8^2, 4^2, 2^2\})$	22528
24	$\mathcal{O}(0; \{12^6, 8^2, 6, 3, 2^2\})$	22016
24	$\mathcal{O}(0; \{12^6, 8^2, 6^3\})$	43520
24	$\mathcal{O}(0; \{12^6, 8^4, 4\})$	180224
24	$\mathcal{O}(0; \{12^7, 8^2, 6, 4\})$	88064
24	$\mathcal{O}(0; \{12^8, 8^2, 3\})$	174080
24	$\mathcal{O}(0; \{24, 8, 4, 3, 2^{13}\})$	16
24	$\mathcal{O}(0; \{24, 8, 4, 3^4, 2^9\})$	80
24	$\mathcal{O}(0; \{24, 8, 4, 3^7, 2^5\})$	688
24	$\mathcal{O}(0; \{24, 8, 4, 3^{10}, 2\})$	5456
24	$\mathcal{O}(0; \{24, 8, 4^3, 3, 2^{10}\})$	64
24	$\mathcal{O}(0; \{24, 8, 4^3, 3^4, 2^6\})$	320
24	$\mathcal{O}(0; \{24, 8, 4^3, 3^7, 2^2\})$	2752
24	$\mathcal{O}(0; \{24, 8, 4^5, 3, 2^7\})$	256
24	$\mathcal{O}(0; \{24, 8, 4^5, 3^4, 2^3\})$	1280
24	$\mathcal{O}(0; \{24, 8, 4^7, 3, 2^4\})$	1024
24	$\mathcal{O}(0; \{24, 8, 4^7, 3^4\})$	5120
24	$\mathcal{O}(0; \{24, 8, 4^9, 3, 2\})$	4096
24	$\mathcal{O}(0; \{24, 8, 6, 4, 3^2, 2^{10}\})$	48
24	$\mathcal{O}(0; \{24, 8, 6, 4, 3^5, 2^6\})$	336
24	$\mathcal{O}(0; \{24, 8, 6, 4, 3^8, 2^2\})$	2736
24	$\mathcal{O}(0; \{24, 8, 6, 4^3, 3^2, 2^7\})$	192
24	$\mathcal{O}(0; \{24, 8, 6, 4^3, 3^5, 2^3\})$	1344
24	$\mathcal{O}(0; \{24, 8, 6, 4^5, 3^2, 2^4\})$	768

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 8, 6, 4^5, 3^5\})$	5376
24	$\mathcal{O}(0; \{24, 8, 6, 4^7, 3^2, 2\})$	3072
24	$\mathcal{O}(0; \{24, 8, 6^2, 4, 2^{11}\})$	16
24	$\mathcal{O}(0; \{24, 8, 6^2, 4, 3^3, 2^7\})$	176
24	$\mathcal{O}(0; \{24, 8, 6^2, 4, 3^6, 2^3\})$	1360
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^3, 2^8\})$	64
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^3, 3^3, 2^4\})$	704
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^3, 3^6\})$	5440
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^5, 2^5\})$	256
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^5, 3^3, 2\})$	2816
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^7, 2^2\})$	1024
24	$\mathcal{O}(0; \{24, 8, 6^3, 4, 3, 2^8\})$	80
24	$\mathcal{O}(0; \{24, 8, 6^3, 4, 3^4, 2^4\})$	688
24	$\mathcal{O}(0; \{24, 8, 6^3, 4, 3^7\})$	5456
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^3, 3, 2^5\})$	320
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^3, 3^4, 2\})$	2752
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^5, 3, 2^2\})$	1280
24	$\mathcal{O}(0; \{24, 8, 6^4, 4, 3^2, 2^5\})$	336
24	$\mathcal{O}(0; \{24, 8, 6^4, 4, 3^5, 2\})$	2736
24	$\mathcal{O}(0; \{24, 8, 6^4, 4^3, 3^2, 2^2\})$	1344
24	$\mathcal{O}(0; \{24, 8, 6^5, 4, 2^6\})$	176
24	$\mathcal{O}(0; \{24, 8, 6^5, 4, 3^3, 2^2\})$	1360
24	$\mathcal{O}(0; \{24, 8, 6^5, 4^3, 2^3\})$	704
24	$\mathcal{O}(0; \{24, 8, 6^5, 4^5\})$	2816
24	$\mathcal{O}(0; \{24, 8, 6^6, 4, 3, 2^3\})$	688
24	$\mathcal{O}(0; \{24, 8, 6^6, 4^3, 3\})$	2752
24	$\mathcal{O}(0; \{24, 8, 6^7, 4, 3^2\})$	2736
24	$\mathcal{O}(0; \{24, 8, 6^8, 4, 2\})$	1360
24	$\mathcal{O}(0; \{24, 8^3, 3, 2^{11}\})$	128
24	$\mathcal{O}(0; \{24, 8^3, 3^4, 2^7\})$	640
24	$\mathcal{O}(0; \{24, 8^3, 3^7, 2^3\})$	5504
24	$\mathcal{O}(0; \{24, 8^3, 4^2, 3, 2^8\})$	512
24	$\mathcal{O}(0; \{24, 8^3, 4^2, 3^4, 2^4\})$	2560
24	$\mathcal{O}(0; \{24, 8^3, 4^2, 3^7\})$	22016
24	$\mathcal{O}(0; \{24, 8^3, 4^4, 3, 2^5\})$	2048
24	$\mathcal{O}(0; \{24, 8^3, 4^4, 3^4, 2\})$	10240
24	$\mathcal{O}(0; \{24, 8^3, 4^6, 3, 2^2\})$	8192
24	$\mathcal{O}(0; \{24, 8^3, 6, 3^2, 2^8\})$	384
24	$\mathcal{O}(0; \{24, 8^3, 6, 3^5, 2^4\})$	2688
24	$\mathcal{O}(0; \{24, 8^3, 6, 3^8\})$	21888
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^2, 3^2, 2^5\})$	1536
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^2, 3^5, 2\})$	10752
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^4, 3^2, 2^2\})$	6144

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 2^9\})$	128
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 3^3, 2^5\})$	1408
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 3^6, 2\})$	10880
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4^2, 2^6\})$	512
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4^2, 3^3, 2^2\})$	5632
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4^4, 2^3\})$	2048
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4^6\})$	8192
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 3, 2^6\})$	640
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 3^4, 2^2\})$	5504
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 4^2, 3, 2^3\})$	2560
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 4^4, 3\})$	10240
24	$\mathcal{O}(0; \{24, 8^3, 6^4, 3^2, 2^3\})$	2688
24	$\mathcal{O}(0; \{24, 8^3, 6^4, 4^2, 3^2\})$	10752
24	$\mathcal{O}(0; \{24, 8^3, 6^5, 2^4\})$	1408
24	$\mathcal{O}(0; \{24, 8^3, 6^5, 3^3\})$	10880
24	$\mathcal{O}(0; \{24, 8^3, 6^5, 4^2, 2\})$	5632
24	$\mathcal{O}(0; \{24, 8^3, 6^6, 3, 2\})$	5504
24	$\mathcal{O}(0; \{24, 8^5, 4, 3, 2^6\})$	4096
24	$\mathcal{O}(0; \{24, 8^5, 4, 3^4, 2^2\})$	20480
24	$\mathcal{O}(0; \{24, 8^5, 4^3, 3, 2^3\})$	16384
24	$\mathcal{O}(0; \{24, 8^5, 4^5, 3\})$	65536
24	$\mathcal{O}(0; \{24, 8^5, 6, 4, 3^2, 2^3\})$	12288
24	$\mathcal{O}(0; \{24, 8^5, 6, 4^3, 3^2\})$	49152
24	$\mathcal{O}(0; \{24, 8^5, 6^2, 4, 2^4\})$	4096
24	$\mathcal{O}(0; \{24, 8^5, 6^2, 4, 3^3\})$	45056
24	$\mathcal{O}(0; \{24, 8^5, 6^2, 4^3, 2\})$	16384
24	$\mathcal{O}(0; \{24, 8^5, 6^3, 4, 3, 2\})$	20480
24	$\mathcal{O}(0; \{24, 8^7, 3, 2^4\})$	32768
24	$\mathcal{O}(0; \{24, 8^7, 3^4\})$	163840
24	$\mathcal{O}(0; \{24, 8^7, 4^2, 3, 2\})$	131072
24	$\mathcal{O}(0; \{24, 8^7, 6, 3^2, 2\})$	98304
24	$\mathcal{O}(0; \{24, 8^7, 6^2, 2^2\})$	32768
24	$\mathcal{O}(0; \{24, 12, 8, 2^{14}\})$	16
24	$\mathcal{O}(0; \{24, 12, 8, 3^3, 2^{10}\})$	80
24	$\mathcal{O}(0; \{24, 12, 8, 3^6, 2^6\})$	688
24	$\mathcal{O}(0; \{24, 12, 8, 3^9, 2^2\})$	5456
24	$\mathcal{O}(0; \{24, 12, 8, 4^2, 2^{11}\})$	64
24	$\mathcal{O}(0; \{24, 12, 8, 4^2, 3^3, 2^7\})$	320
24	$\mathcal{O}(0; \{24, 12, 8, 4^2, 3^6, 2^3\})$	2752
24	$\mathcal{O}(0; \{24, 12, 8, 4^4, 2^8\})$	256
24	$\mathcal{O}(0; \{24, 12, 8, 4^4, 3^3, 2^4\})$	1280
24	$\mathcal{O}(0; \{24, 12, 8, 4^4, 3^6\})$	11008
24	$\mathcal{O}(0; \{24, 12, 8, 4^6, 2^9\})$	1024

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12, 8, 4^6, 3^3, 2\})$	5120
24	$\mathcal{O}(0; \{24, 12, 8, 4^8, 2^2\})$	4096
24	$\mathcal{O}(0; \{24, 12, 8, 6, 3, 2^{11}\})$	48
24	$\mathcal{O}(0; \{24, 12, 8, 6, 3^4, 2^7\})$	336
24	$\mathcal{O}(0; \{24, 12, 8, 6, 3^7, 2^3\})$	2736
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^2, 3, 2^8\})$	192
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^2, 3^4, 2^4\})$	1344
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^2, 3^7\})$	10944
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^4, 3, 2^5\})$	768
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^4, 3^4, 2\})$	5376
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^6, 3, 2^2\})$	3072
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 3^2, 2^8\})$	176
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 3^5, 2^4\})$	1360
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 3^8\})$	10928
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^2, 3^2, 2^5\})$	704
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^2, 3^5, 2\})$	5440
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^4, 3^2, 2^2\})$	2816
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 2^9\})$	80
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 3^3, 2^5\})$	688
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 3^6, 2\})$	5456
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4^2, 2^6\})$	320
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4^2, 3^3, 2^2\})$	2752
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4^4, 2^3\})$	1280
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4^6\})$	5120
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 3, 2^6\})$	336
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 3^4, 2^2\})$	2736
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 4^2, 3, 2^3\})$	1344
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 4^4, 3\})$	5376
24	$\mathcal{O}(0; \{24, 12, 8, 6^5, 3^2, 2^3\})$	1360
24	$\mathcal{O}(0; \{24, 12, 8, 6^5, 4^2, 3^2\})$	5440
24	$\mathcal{O}(0; \{24, 12, 8, 6^6, 2^4\})$	688
24	$\mathcal{O}(0; \{24, 12, 8, 6^6, 3^3\})$	5456
24	$\mathcal{O}(0; \{24, 12, 8, 6^6, 4^2, 2\})$	2752
24	$\mathcal{O}(0; \{24, 12, 8, 6^7, 3, 2\})$	2736
24	$\mathcal{O}(0; \{24, 12, 8^3, 4, 2^9\})$	512
24	$\mathcal{O}(0; \{24, 12, 8^3, 4, 3^3, 2^5\})$	2560
24	$\mathcal{O}(0; \{24, 12, 8^3, 4, 3^6, 2\})$	22016
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^3, 2^6\})$	2048
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^3, 3^3, 2^2\})$	10240
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^5, 2^3\})$	8192
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^7\})$	32768
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4, 3, 2^6\})$	1536
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4, 3^4, 2^2\})$	10752

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4^3, 3, 2^3\})$	6144
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4^5, 3\})$	24576
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 4, 3^2, 2^3\})$	5632
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 4^3, 3^2\})$	22528
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^3, 4, 2^4\})$	2560
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^3, 4, 3^3\})$	22016
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^3, 4^3, 2\})$	10240
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^4, 4, 3, 2\})$	10752
24	$\mathcal{O}(0; \{24, 12, 8^5, 2^7\})$	4096
24	$\mathcal{O}(0; \{24, 12, 8^5, 3^3, 2^3\})$	20480
24	$\mathcal{O}(0; \{24, 12, 8^5, 4^2, 2^4\})$	16384
24	$\mathcal{O}(0; \{24, 12, 8^5, 4^2, 3^3\})$	81920
24	$\mathcal{O}(0; \{24, 12, 8^5, 4^4, 2\})$	65536
24	$\mathcal{O}(0; \{24, 12, 8^5, 6, 3, 2^4\})$	12288
24	$\mathcal{O}(0; \{24, 12, 8^5, 6, 3^4\})$	86016
24	$\mathcal{O}(0; \{24, 12, 8^5, 6, 4^2, 3, 2\})$	49152
24	$\mathcal{O}(0; \{24, 12, 8^5, 6^2, 3^2, 2\})$	45056
24	$\mathcal{O}(0; \{24, 12, 8^5, 6^3, 2^2\})$	20480
24	$\mathcal{O}(0; \{24, 12, 8^7, 4, 2^2\})$	131072
24	$\mathcal{O}(0; \{24, 12, 8^9\})$	1048576
24	$\mathcal{O}(0; \{24, 12^2, 8, 4, 3^2, 2^8\})$	320
24	$\mathcal{O}(0; \{24, 12^2, 8, 4, 3^5, 2^4\})$	2752
24	$\mathcal{O}(0; \{24, 12^2, 8, 4, 3^8\})$	21824
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^3, 3^2, 2^5\})$	1280
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^3, 3^5, 2\})$	11008
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^5, 3^2, 2^2\})$	5120
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4, 2^9\})$	192
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4, 3^3, 2^5\})$	1344
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4, 3^6, 2\})$	10944
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^3, 2^6\})$	768
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^3, 3^3, 2^2\})$	5376
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^5, 2^3\})$	3072
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^7\})$	12288
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4, 3, 2^6\})$	704
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4, 3^4, 2^2\})$	5440
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4^3, 3, 2^3\})$	2816
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4^5, 3\})$	11264
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 4, 3^2, 2^3\})$	2752
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 4^3, 3^2\})$	11008
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^4, 4, 2^4\})$	1344
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^4, 4, 3^3\})$	10944
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^4, 4^3, 2\})$	5376
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^5, 4, 3, 2\})$	5440

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 3^2, 2^6\})$	2560
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 3^5, 2^2\})$	22016
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4^2, 3^2, 2^3\})$	10240
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4^4, 3^2\})$	40960
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6, 2^7\})$	1536
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6, 3^3, 2^3\})$	10752
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6, 4^2, 2^4\})$	6144
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6, 4^2, 3^3\})$	43008
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6, 4^4, 2\})$	24576
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^2, 3, 2^4\})$	5632
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^2, 3^4\})$	43520
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^2, 4^2, 3, 2\})$	22528
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^3, 3^2, 2\})$	22016
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^4, 2^2\})$	10752
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 4, 3^2, 2\})$	81920
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 6, 4, 2^2\})$	49152
24	$\mathcal{O}(0; \{24, 12^2, 8^7, 6\})$	393216
24	$\mathcal{O}(0; \{24, 12^3, 8, 3, 2^9\})$	320
24	$\mathcal{O}(0; \{24, 12^3, 8, 3^4, 2^5\})$	2752
24	$\mathcal{O}(0; \{24, 12^3, 8, 3^7, 2\})$	21824
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^2, 3, 2^6\})$	1280
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^2, 3^4, 2^2\})$	11008
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^4, 3, 2^3\})$	5120
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^6, 3\})$	20480
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 3^2, 2^6\})$	1344
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 3^5, 2^2\})$	10944
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4^2, 3^2, 2^3\})$	5376
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4^4, 3^2\})$	21504
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^2, 2^7\})$	704
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^2, 3^3, 2^3\})$	5440
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^2, 4^2, 2^4\})$	2816
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^2, 4^2, 3^3\})$	21760
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^2, 4^4, 2\})$	11264
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^3, 3, 2^4\})$	2752
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^3, 3^4\})$	21824
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^3, 4^2, 3, 2\})$	11008
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^4, 3^2, 2\})$	10944
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^5, 2^2\})$	5440
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 4, 3, 2^4\})$	10240
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 4, 3^4\})$	88064
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 4^3, 3, 2\})$	40960
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6, 4, 3^2, 2\})$	43008
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6^2, 4, 2^2\})$	22528

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12^3, 8^5, 3, 2^2\})$	81920
24	$\mathcal{O}(0; \{24, 12^3, 8^5, 6^2\})$	180224
24	$\mathcal{O}(0; \{24, 12^4, 8, 4, 2^7\})$	1280
24	$\mathcal{O}(0; \{24, 12^4, 8, 4, 3^3, 2^3\})$	11008
24	$\mathcal{O}(0; \{24, 12^4, 8, 4^3, 2^4\})$	5120
24	$\mathcal{O}(0; \{24, 12^4, 8, 4^3, 3^3\})$	44032
24	$\mathcal{O}(0; \{24, 12^4, 8, 4^5, 2\})$	20480
24	$\mathcal{O}(0; \{24, 12^4, 8, 6, 4, 3, 2^4\})$	5376
24	$\mathcal{O}(0; \{24, 12^4, 8, 6, 4, 3^4\})$	43776
24	$\mathcal{O}(0; \{24, 12^4, 8, 6, 4^3, 3, 2\})$	21504
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^2, 4, 3^2, 2\})$	21760
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^3, 4, 2^2\})$	11008
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 2^5\})$	10240
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 3^3, 2\})$	88064
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 4^2, 2^2\})$	40960
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 6, 3, 2^2\})$	43008
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 6^3\})$	88064
24	$\mathcal{O}(0; \{24, 12^4, 8^5, 4\})$	327680
24	$\mathcal{O}(0; \{24, 12^5, 8, 3^2, 2^4\})$	11008
24	$\mathcal{O}(0; \{24, 12^5, 8, 3^5\})$	87296
24	$\mathcal{O}(0; \{24, 12^5, 8, 4^2, 3^2, 2\})$	44032
24	$\mathcal{O}(0; \{24, 12^5, 8, 6, 2^5\})$	5376
24	$\mathcal{O}(0; \{24, 12^5, 8, 6, 3^3, 2\})$	43776
24	$\mathcal{O}(0; \{24, 12^5, 8, 6, 4^2, 2^2\})$	21504
24	$\mathcal{O}(0; \{24, 12^5, 8, 6^2, 3, 2^2\})$	21760
24	$\mathcal{O}(0; \{24, 12^5, 8, 6^4\})$	43776
24	$\mathcal{O}(0; \{24, 12^5, 8^3, 6, 4\})$	172032
24	$\mathcal{O}(0; \{24, 12^6, 8, 4, 3, 2^2\})$	44032
24	$\mathcal{O}(0; \{24, 12^6, 8, 6^2, 4\})$	87040
24	$\mathcal{O}(0; \{24, 12^6, 8^3, 3\})$	352256
24	$\mathcal{O}(0; \{24, 12^7, 8, 2^3\})$	44032
24	$\mathcal{O}(0; \{24, 12^7, 8, 4^2\})$	176128
24	$\mathcal{O}(0; \{24, 12^7, 8, 6, 3\})$	175104
24	$\mathcal{O}(0; \{24^2, 3^2, 2^{13}\})$	24
24	$\mathcal{O}(0; \{24^2, 3^5, 2^9\})$	168
24	$\mathcal{O}(0; \{24^2, 3^8, 2^5\})$	1368
24	$\mathcal{O}(0; \{24^2, 3^{11}, 2\})$	10920
24	$\mathcal{O}(0; \{24^2, 4^2, 3^2, 2^{10}\})$	96
24	$\mathcal{O}(0; \{24^2, 4^2, 3^5, 2^6\})$	672
24	$\mathcal{O}(0; \{24^2, 4^2, 3^8, 2^2\})$	5472
24	$\mathcal{O}(0; \{24^2, 4^4, 3^2, 2^7\})$	384
24	$\mathcal{O}(0; \{24^2, 4^4, 3^5, 2^3\})$	2688
24	$\mathcal{O}(0; \{24^2, 4^6, 3^2, 2^4\})$	1536

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 4^6, 3^5\})$	10752
24	$\mathcal{O}(0; \{24^2, 4^8, 3^2, 2\})$	6144
24	$\mathcal{O}(0; \{24^2, 6, 2^{14}\})$	8
24	$\mathcal{O}(0; \{24^2, 6, 3^3, 2^{10}\})$	88
24	$\mathcal{O}(0; \{24^2, 6, 3^6, 2^6\})$	680
24	$\mathcal{O}(0; \{24^2, 6, 3^9, 2^2\})$	5464
24	$\mathcal{O}(0; \{24^2, 6, 4^2, 2^{11}\})$	32
24	$\mathcal{O}(0; \{24^2, 6, 4^2, 3^3, 2^7\})$	352
24	$\mathcal{O}(0; \{24^2, 6, 4^2, 3^6, 2^3\})$	2720
24	$\mathcal{O}(0; \{24^2, 6, 4^4, 2^8\})$	128
24	$\mathcal{O}(0; \{24^2, 6, 4^4, 3^3, 2^4\})$	1408
24	$\mathcal{O}(0; \{24^2, 6, 4^4, 3^6\})$	10880
24	$\mathcal{O}(0; \{24^2, 6, 4^6, 2^5\})$	512
24	$\mathcal{O}(0; \{24^2, 6, 4^6, 3^3, 2\})$	5632
24	$\mathcal{O}(0; \{24^2, 6, 4^8, 2^2\})$	2048
24	$\mathcal{O}(0; \{24^2, 6^2, 3, 2^{11}\})$	40
24	$\mathcal{O}(0; \{24^2, 6^2, 3^4, 2^7\})$	344
24	$\mathcal{O}(0; \{24^2, 6^2, 3^7, 2^3\})$	2728
24	$\mathcal{O}(0; \{24^2, 6^2, 4^2, 3, 2^8\})$	160
24	$\mathcal{O}(0; \{24^2, 6^2, 4^2, 3^4, 2^4\})$	1376
24	$\mathcal{O}(0; \{24^2, 6^2, 4^2, 3^7\})$	10912
24	$\mathcal{O}(0; \{24^2, 6^2, 4^4, 3, 2^5\})$	640
24	$\mathcal{O}(0; \{24^2, 6^2, 4^4, 3^4, 2\})$	5504
24	$\mathcal{O}(0; \{24^2, 6^2, 4^6, 3, 2^2\})$	2560
24	$\mathcal{O}(0; \{24^2, 6^3, 3^2, 2^8\})$	168
24	$\mathcal{O}(0; \{24^2, 6^3, 3^5, 2^4\})$	1368
24	$\mathcal{O}(0; \{24^2, 6^3, 3^8\})$	10920
24	$\mathcal{O}(0; \{24^2, 6^3, 4^2, 3^2, 2^5\})$	672
24	$\mathcal{O}(0; \{24^2, 6^3, 4^2, 3^5, 2\})$	5472
24	$\mathcal{O}(0; \{24^2, 6^3, 4^4, 3^2, 2^2\})$	2688
24	$\mathcal{O}(0; \{24^2, 6^4, 2^9\})$	88
24	$\mathcal{O}(0; \{24^2, 6^4, 3^3, 2^5\})$	680
24	$\mathcal{O}(0; \{24^2, 6^4, 3^6, 2\})$	5464
24	$\mathcal{O}(0; \{24^2, 6^4, 4^2, 2^6\})$	352
24	$\mathcal{O}(0; \{24^2, 6^4, 4^2, 3^3, 2^2\})$	2720
24	$\mathcal{O}(0; \{24^2, 6^4, 4^4, 2^3\})$	1408
24	$\mathcal{O}(0; \{24^2, 6^4, 4^6\})$	5632
24	$\mathcal{O}(0; \{24^2, 6^5, 3, 2^6\})$	344
24	$\mathcal{O}(0; \{24^2, 6^5, 3^4, 2^2\})$	2728
24	$\mathcal{O}(0; \{24^2, 6^5, 4^2, 3, 2^3\})$	1376
24	$\mathcal{O}(0; \{24^2, 6^5, 4^4, 3\})$	5504
24	$\mathcal{O}(0; \{24^2, 6^6, 3^2, 2^3\})$	1368
24	$\mathcal{O}(0; \{24^2, 6^6, 4^2, 3^2\})$	5472

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 6^7, 2^4\})$	680
24	$\mathcal{O}(0; \{24^2, 6^7, 3^3\})$	5464
24	$\mathcal{O}(0; \{24^2, 6^7, 4^2, 2\})$	2720
24	$\mathcal{O}(0; \{24^2, 6^8, 3, 2\})$	2728
24	$\mathcal{O}(0; \{24^2, 8^2, 4, 3^2, 2^8\})$	768
24	$\mathcal{O}(0; \{24^2, 8^2, 4, 3^5, 2^4\})$	5376
24	$\mathcal{O}(0; \{24^2, 8^2, 4, 3^8\})$	43776
24	$\mathcal{O}(0; \{24^2, 8^2, 4^3, 3^2, 2^5\})$	3072
24	$\mathcal{O}(0; \{24^2, 8^2, 4^3, 3^5, 2\})$	21504
24	$\mathcal{O}(0; \{24^2, 8^2, 4^5, 3^2, 2^2\})$	12288
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4, 2^9\})$	256
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4, 3^3, 2^5\})$	2816
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4, 3^6, 2\})$	21760
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^3, 2^6\})$	1024
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^3, 3^3, 2^2\})$	11264
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^5, 2^3\})$	4096
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^7\})$	16384
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4, 3, 2^6\})$	1280
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4, 3^4, 2^2\})$	11008
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4^3, 3, 2^3\})$	5120
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4^5, 3\})$	20480
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 4, 3^2, 2^3\})$	5376
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 4^3, 3^2\})$	21504
24	$\mathcal{O}(0; \{24^2, 8^2, 6^4, 4, 2^4\})$	2816
24	$\mathcal{O}(0; \{24^2, 8^2, 6^4, 4, 3^3\})$	21760
24	$\mathcal{O}(0; \{24^2, 8^2, 6^4, 4^3, 2\})$	11264
24	$\mathcal{O}(0; \{24^2, 8^2, 6^5, 4, 3, 2\})$	11008
24	$\mathcal{O}(0; \{24^2, 8^4, 3^2, 2^6\})$	6144
24	$\mathcal{O}(0; \{24^2, 8^4, 3^5, 2^2\})$	43008
24	$\mathcal{O}(0; \{24^2, 8^4, 4^2, 3^2, 2^3\})$	24576
24	$\mathcal{O}(0; \{24^2, 8^4, 4^4, 3^2\})$	98304
24	$\mathcal{O}(0; \{24^2, 8^4, 6, 2^7\})$	2048
24	$\mathcal{O}(0; \{24^2, 8^4, 6, 3^3, 2^3\})$	22528
24	$\mathcal{O}(0; \{24^2, 8^4, 6, 4^2, 2^4\})$	8192
24	$\mathcal{O}(0; \{24^2, 8^4, 6, 4^2, 3^3\})$	90112
24	$\mathcal{O}(0; \{24^2, 8^4, 6, 4^4, 2\})$	32768
24	$\mathcal{O}(0; \{24^2, 8^4, 6^2, 3, 2^4\})$	10240
24	$\mathcal{O}(0; \{24^2, 8^4, 6^2, 3^4\})$	88064
24	$\mathcal{O}(0; \{24^2, 8^4, 6^2, 4^2, 3, 2\})$	40960
24	$\mathcal{O}(0; \{24^2, 8^4, 6^3, 3^2, 2\})$	43008
24	$\mathcal{O}(0; \{24^2, 8^4, 6^4, 2^2\})$	22528
24	$\mathcal{O}(0; \{24^2, 8^6, 4, 3^2, 2\})$	196608
24	$\mathcal{O}(0; \{24^2, 8^6, 6, 4, 2^2\})$	65536

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 8^8, 6\})$	524288
24	$\mathcal{O}(0; \{24^2, 12, 4, 3, 2^{11}\})$	96
24	$\mathcal{O}(0; \{24^2, 12, 4, 3^4, 2^7\})$	672
24	$\mathcal{O}(0; \{24^2, 12, 4, 3^7, 2^3\})$	5472
24	$\mathcal{O}(0; \{24^2, 12, 4^3, 3, 2^8\})$	384
24	$\mathcal{O}(0; \{24^2, 12, 4^3, 3^4, 2^4\})$	2688
24	$\mathcal{O}(0; \{24^2, 12, 4^3, 3^7\})$	21888
24	$\mathcal{O}(0; \{24^2, 12, 4^5, 3, 2^5\})$	1536
24	$\mathcal{O}(0; \{24^2, 12, 4^5, 3^4, 2\})$	10752
24	$\mathcal{O}(0; \{24^2, 12, 4^7, 3, 2^2\})$	6144
24	$\mathcal{O}(0; \{24^2, 12, 6, 4, 3^2, 2^8\})$	352
24	$\mathcal{O}(0; \{24^2, 12, 6, 4, 3^5, 2^4\})$	2720
24	$\mathcal{O}(0; \{24^2, 12, 6, 4, 3^8\})$	21856
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^3, 3^2, 2^5\})$	1408
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^3, 3^5, 2\})$	10880
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^5, 3^2, 2^2\})$	5632
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4, 2^9\})$	160
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4, 3^3, 2^5\})$	1376
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4, 3^6, 2\})$	10912
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^3, 2^6\})$	640
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^3, 3^3, 2^2\})$	5504
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^5, 2^3\})$	2560
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^7\})$	10240
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4, 3, 2^6\})$	672
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4, 3^4, 2^2\})$	5472
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4^3, 3, 2^3\})$	2688
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4^5, 3\})$	10752
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 4, 3^2, 2^3\})$	2720
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 4^3, 3^2\})$	10880
24	$\mathcal{O}(0; \{24^2, 12, 6^5, 4, 2^4\})$	1376
24	$\mathcal{O}(0; \{24^2, 12, 6^5, 4, 3^3\})$	10912
24	$\mathcal{O}(0; \{24^2, 12, 6^5, 4^3, 2\})$	5504
24	$\mathcal{O}(0; \{24^2, 12, 6^6, 4, 3, 2\})$	5472
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 3, 2^9\})$	768
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 3^4, 2^5\})$	5376
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 3^7, 2\})$	43776
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^2, 3, 2^6\})$	3072
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^2, 3^4, 2^2\})$	21504
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^4, 3, 2^3\})$	12288
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^6, 3\})$	49152
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 3^2, 2^6\})$	2816
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 3^5, 2^2\})$	21760
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4^2, 3^2, 2^3\})$	11264

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4^4, 3^2\})$	45056
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^2, 2^7\})$	1280
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^2, 3^3, 2^3\})$	11008
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^2, 4^2, 2^4\})$	5120
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^2, 4^2, 3^3\})$	44032
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^2, 4^4, 2\})$	20480
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^3, 3, 2^4\})$	5376
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^3, 3^4\})$	43776
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^3, 4^2, 3, 2\})$	21504
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^4, 3^2, 2\})$	21760
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^5, 2^2\})$	11008
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 4, 3, 2^4\})$	24576
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 4, 3^4\})$	172032
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 4^3, 3, 2\})$	98304
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6, 4, 3^2, 2\})$	90112
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6^2, 4, 2^2\})$	40960
24	$\mathcal{O}(0; \{24^2, 12, 8^6, 3, 2^2\})$	196608
24	$\mathcal{O}(0; \{24^2, 12, 8^6, 6^2\})$	327680
24	$\mathcal{O}(0; \{24^2, 12^2, 2^{12}\})$	96
24	$\mathcal{O}(0; \{24^2, 12^2, 3^3, 2^8\})$	672
24	$\mathcal{O}(0; \{24^2, 12^2, 3^6, 2^4\})$	5472
24	$\mathcal{O}(0; \{24^2, 12^2, 3^9\})$	43680
24	$\mathcal{O}(0; \{24^2, 12^2, 4^2, 2^9\})$	384
24	$\mathcal{O}(0; \{24^2, 12^2, 4^2, 3^3, 2^5\})$	2688
24	$\mathcal{O}(0; \{24^2, 12^2, 4^2, 3^6, 2\})$	21888
24	$\mathcal{O}(0; \{24^2, 12^2, 4^4, 2^6\})$	1536
24	$\mathcal{O}(0; \{24^2, 12^2, 4^4, 3^3, 2^2\})$	10752
24	$\mathcal{O}(0; \{24^2, 12^2, 4^6, 2^3\})$	6144
24	$\mathcal{O}(0; \{24^2, 12^2, 4^8\})$	24576
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 3, 2^9\})$	352
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 3^4, 2^5\})$	2720
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 3^7, 2\})$	21856
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^2, 3, 2^6\})$	1408
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^2, 3^4, 2^2\})$	10880
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^4, 3, 2^3\})$	5632
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^6, 3\})$	22528
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 3^2, 2^6\})$	1376
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 3^5, 2^2\})$	10912
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4^2, 3^2, 2^3\})$	5504
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4^4, 3^2\})$	22016
24	$\mathcal{O}(0; \{24^2, 12^2, 6^3, 2^7\})$	672
24	$\mathcal{O}(0; \{24^2, 12^2, 6^3, 3^3, 2^3\})$	5472
24	$\mathcal{O}(0; \{24^2, 12^2, 6^3, 4^2, 2^4\})$	2688

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12^2, 6^3, 4^2, 3^3\})$	21888
24	$\mathcal{O}(0; \{24^2, 12^2, 6^3, 4^4, 2\})$	10752
24	$\mathcal{O}(0; \{24^2, 12^2, 6^4, 3, 2^4\})$	2720
24	$\mathcal{O}(0; \{24^2, 12^2, 6^4, 3^4\})$	21856
24	$\mathcal{O}(0; \{24^2, 12^2, 6^4, 4^2, 3, 2\})$	10880
24	$\mathcal{O}(0; \{24^2, 12^2, 6^5, 3^2, 2\})$	10912
24	$\mathcal{O}(0; \{24^2, 12^2, 6^6, 2^2\})$	5472
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 4, 2^7\})$	3072
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 4, 3^3, 2^3\})$	21504
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 4^3, 2^4\})$	12288
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 4^3, 3^3\})$	86016
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 4^5, 2\})$	49152
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6, 4, 3, 2^4\})$	11264
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6, 4, 3^4\})$	87040
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6, 4^3, 3, 2\})$	45056
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^2, 4, 3^2, 2\})$	44032
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^3, 4, 2^2\})$	21504
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 2^5\})$	24576
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 3^3, 2\})$	172032
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 4^2, 2^2\})$	98304
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 6, 3, 2^2\})$	90112
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 6^3\})$	172032
24	$\mathcal{O}(0; \{24^2, 12^2, 8^6, 4\})$	786432
24	$\mathcal{O}(0; \{24^2, 12^3, 4, 3^2, 2^6\})$	2688
24	$\mathcal{O}(0; \{24^2, 12^3, 4, 3^5, 2^2\})$	21888
24	$\mathcal{O}(0; \{24^2, 12^3, 4^3, 3^2, 2^3\})$	10752
24	$\mathcal{O}(0; \{24^2, 12^3, 4^5, 3^2\})$	43008
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 4, 2^7\})$	1408
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 4, 3^3, 2^3\})$	10880
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 4^3, 2^4\})$	5632
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 4^3, 3^3\})$	43520
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 4^5, 2\})$	22528
24	$\mathcal{O}(0; \{24^2, 12^3, 6^2, 4, 3, 2^4\})$	5504
24	$\mathcal{O}(0; \{24^2, 12^3, 6^2, 4, 3^4\})$	43648
24	$\mathcal{O}(0; \{24^2, 12^3, 6^2, 4^3, 3, 2\})$	22016
24	$\mathcal{O}(0; \{24^2, 12^3, 6^3, 4, 3^2, 2\})$	21888
24	$\mathcal{O}(0; \{24^2, 12^3, 6^4, 4, 2^2\})$	10880
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 3^2, 2^4\})$	21504
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 3^5\})$	175104
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 4^2, 3^2, 2\})$	86016
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6, 2^5\})$	11264
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6, 3^3, 2\})$	87040
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6, 4^2, 2^2\})$	45056

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6^2, 3, 2^2\})$	44032
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6^4\})$	87040
24	$\mathcal{O}(0; \{24^2, 12^3, 8^4, 6, 4\})$	360448
24	$\mathcal{O}(0; \{24^2, 12^4, 3, 2^7\})$	2688
24	$\mathcal{O}(0; \{24^2, 12^4, 3^4, 2^3\})$	21888
24	$\mathcal{O}(0; \{24^2, 12^4, 4^2, 3, 2^4\})$	10752
24	$\mathcal{O}(0; \{24^2, 12^4, 4^2, 3^4\})$	87552
24	$\mathcal{O}(0; \{24^2, 12^4, 4^4, 3, 2\})$	43008
24	$\mathcal{O}(0; \{24^2, 12^4, 6, 3^2, 2^4\})$	10880
24	$\mathcal{O}(0; \{24^2, 12^4, 6, 3^5\})$	87424
24	$\mathcal{O}(0; \{24^2, 12^4, 6, 4^2, 3^2, 2\})$	43520
24	$\mathcal{O}(0; \{24^2, 12^4, 6^2, 2^5\})$	5504
24	$\mathcal{O}(0; \{24^2, 12^4, 6^2, 3^3, 2\})$	43648
24	$\mathcal{O}(0; \{24^2, 12^4, 6^2, 4^2, 2^2\})$	22016
24	$\mathcal{O}(0; \{24^2, 12^4, 6^3, 3, 2^2\})$	21888
24	$\mathcal{O}(0; \{24^2, 12^4, 6^5\})$	43648
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 4, 3, 2^2\})$	86016
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 6^2, 4\})$	176128
24	$\mathcal{O}(0; \{24^2, 12^4, 8^4, 3\})$	688128
24	$\mathcal{O}(0; \{24^2, 12^5, 4, 2^5\})$	10752
24	$\mathcal{O}(0; \{24^2, 12^5, 4, 3^3, 2\})$	87552
24	$\mathcal{O}(0; \{24^2, 12^5, 4^3, 2^2\})$	43008
24	$\mathcal{O}(0; \{24^2, 12^5, 6, 4, 3, 2^2\})$	43520
24	$\mathcal{O}(0; \{24^2, 12^5, 6^3, 4\})$	87552
24	$\mathcal{O}(0; \{24^2, 12^5, 8^2, 2^3\})$	86016
24	$\mathcal{O}(0; \{24^2, 12^5, 8^2, 4^2\})$	344064
24	$\mathcal{O}(0; \{24^2, 12^5, 8^2, 6, 3\})$	348160
24	$\mathcal{O}(0; \{24^2, 12^6, 3^2, 2^2\})$	87552
24	$\mathcal{O}(0; \{24^2, 12^6, 6, 2^3\})$	43520
24	$\mathcal{O}(0; \{24^2, 12^6, 6, 4^2\})$	174080
24	$\mathcal{O}(0; \{24^2, 12^6, 6^2, 3\})$	174592
24	$\mathcal{O}(0; \{24^2, 12^7, 4, 3\})$	350208
24	$\mathcal{O}(0; \{24^2, 12^8, 2\})$	350208
24	$\mathcal{O}(0; \{24^3, 8, 2^{12}\})$	128
24	$\mathcal{O}(0; \{24^3, 8, 3^3, 2^8\})$	1408
24	$\mathcal{O}(0; \{24^3, 8, 3^6, 2^4\})$	10880
24	$\mathcal{O}(0; \{24^3, 8, 3^9\})$	87424
24	$\mathcal{O}(0; \{24^3, 8, 4^2, 2^9\})$	512
24	$\mathcal{O}(0; \{24^3, 8, 4^2, 3^3, 2^5\})$	5632
24	$\mathcal{O}(0; \{24^3, 8, 4^2, 3^6, 2\})$	43520
24	$\mathcal{O}(0; \{24^3, 8, 4^4, 2^6\})$	2048
24	$\mathcal{O}(0; \{24^3, 8, 4^4, 3^3, 2^2\})$	22528
24	$\mathcal{O}(0; \{24^3, 8, 4^6, 2^3\})$	8192

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^3, 8, 4^8\})$	32768
24	$\mathcal{O}(0; \{24^3, 8, 6, 3, 2^9\})$	640
24	$\mathcal{O}(0; \{24^3, 8, 6, 3^4, 2^5\})$	5504
24	$\mathcal{O}(0; \{24^3, 8, 6, 3^7, 2\})$	43648
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^2, 3, 2^6\})$	2560
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^2, 3^4, 2^2\})$	22016
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^4, 3, 2^3\})$	10240
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^6, 3\})$	40960
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 3^2, 2^6\})$	2688
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 3^5, 2^2\})$	21888
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4^2, 3^2, 2^3\})$	10752
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4^4, 3^2\})$	43008
24	$\mathcal{O}(0; \{24^3, 8, 6^3, 2^7\})$	1408
24	$\mathcal{O}(0; \{24^3, 8, 6^3, 3^3, 2^3\})$	10880
24	$\mathcal{O}(0; \{24^3, 8, 6^3, 4^2, 2^4\})$	5632
24	$\mathcal{O}(0; \{24^3, 8, 6^3, 4^2, 3^3\})$	43520
24	$\mathcal{O}(0; \{24^3, 8, 6^3, 4^4, 2\})$	22528
24	$\mathcal{O}(0; \{24^3, 8, 6^4, 3, 2^4\})$	5504
24	$\mathcal{O}(0; \{24^3, 8, 6^4, 3^4\})$	43648
24	$\mathcal{O}(0; \{24^3, 8, 6^4, 4^2, 3, 2\})$	22016
24	$\mathcal{O}(0; \{24^3, 8, 6^5, 3^2, 2\})$	21888
24	$\mathcal{O}(0; \{24^3, 8, 6^6, 2^2\})$	10880
24	$\mathcal{O}(0; \{24^3, 8^3, 4, 2^7\})$	4096
24	$\mathcal{O}(0; \{24^3, 8^3, 4, 3^3, 2^3\})$	45056
24	$\mathcal{O}(0; \{24^3, 8^3, 4^3, 2^4\})$	16384
24	$\mathcal{O}(0; \{24^3, 8^3, 4^3, 3^3\})$	180224
24	$\mathcal{O}(0; \{24^3, 8^3, 4^5, 2\})$	65536
24	$\mathcal{O}(0; \{24^3, 8^3, 6, 4, 3, 2^4\})$	20480
24	$\mathcal{O}(0; \{24^3, 8^3, 6, 4, 3^4\})$	176128
24	$\mathcal{O}(0; \{24^3, 8^3, 6, 4^3, 3, 2\})$	81920
24	$\mathcal{O}(0; \{24^3, 8^3, 6^2, 4, 3^2, 2\})$	86016
24	$\mathcal{O}(0; \{24^3, 8^3, 6^3, 4, 2^2\})$	45056
24	$\mathcal{O}(0; \{24^3, 8^5, 2^5\})$	32768
24	$\mathcal{O}(0; \{24^3, 8^5, 3^3, 2\})$	360448
24	$\mathcal{O}(0; \{24^3, 8^5, 4^2, 2^2\})$	131072
24	$\mathcal{O}(0; \{24^3, 8^5, 6, 3, 2^2\})$	163840
24	$\mathcal{O}(0; \{24^3, 8^5, 6^3\})$	360448
24	$\mathcal{O}(0; \{24^3, 8^7, 4\})$	1048576
24	$\mathcal{O}(0; \{24^3, 12, 8, 4, 3^2, 2^6\})$	5632
24	$\mathcal{O}(0; \{24^3, 12, 8, 4, 3^5, 2^2\})$	43520
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^3, 3^2, 2^3\})$	22528
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^5, 3^2\})$	90112
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 4, 2^7\})$	2560

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 4, 3^3, 2^3\})$	22016
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 4^3, 2^4\})$	10240
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 4^3, 3^3\})$	88064
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 4^5, 2\})$	40960
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^2, 4, 3, 2^4\})$	10752
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^2, 4, 3^4\})$	87552
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^2, 4^3, 3, 2\})$	43008
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^3, 4, 3^2, 2\})$	43520
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^4, 4, 2^2\})$	22016
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 3^2, 2^4\})$	45056
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 3^5\})$	348160
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 4^2, 3^2, 2\})$	180224
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6, 2^5\})$	20480
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6, 3^3, 2\})$	176128
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6, 4^2, 2^2\})$	81920
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6^2, 3, 2^2\})$	86016
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6^4\})$	176128
24	$\mathcal{O}(0; \{24^3, 12, 8^5, 6, 4\})$	655360
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 3, 2^7\})$	5632
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 3^4, 2^3\})$	43520
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 4^2, 3, 2^4\})$	22528
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 4^2, 3^4\})$	174080
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 4^4, 3, 2\})$	90112
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6, 3^2, 2^4\})$	22016
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6, 3^5\})$	174592
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6, 4^2, 3^2, 2\})$	88064
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^2, 2^5\})$	10752
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^2, 3^3, 2\})$	87552
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^2, 4^2, 2^2\})$	43008
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^3, 3, 2^2\})$	43520
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^5\})$	87552
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 4, 3, 2^2\})$	180224
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 6^2, 4\})$	344064
24	$\mathcal{O}(0; \{24^3, 12^2, 8^5, 3\})$	1441792
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 4, 2^5\})$	22528
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 4, 3^3, 2\})$	174080
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 4^3, 2^2\})$	90112
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6, 4, 3, 2^2\})$	88064
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6^3, 4\})$	174080
24	$\mathcal{O}(0; \{24^3, 12^3, 8^3, 2^3\})$	180224
24	$\mathcal{O}(0; \{24^3, 12^3, 8^3, 4^2\})$	720896
24	$\mathcal{O}(0; \{24^3, 12^3, 8^3, 6, 3\})$	704512
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 3^2, 2^2\})$	174080

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 6, 2^3\})$	88064
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 6, 4^2\})$	352256
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 6^2, 3\})$	350208
24	$\mathcal{O}(0; \{24^3, 12^5, 8, 4, 3\})$	696320
24	$\mathcal{O}(0; \{24^3, 12^6, 8, 2\})$	696320
24	$\mathcal{O}(0; \{24^4, 4, 3, 2^9\})$	1280
24	$\mathcal{O}(0; \{24^4, 4, 3^4, 2^5\})$	11008
24	$\mathcal{O}(0; \{24^4, 4, 3^7, 2\})$	87296
24	$\mathcal{O}(0; \{24^4, 4^3, 3, 2^6\})$	5120
24	$\mathcal{O}(0; \{24^4, 4^3, 3^4, 2^2\})$	44032
24	$\mathcal{O}(0; \{24^4, 4^5, 3, 2^3\})$	20480
24	$\mathcal{O}(0; \{24^4, 4^7, 3\})$	81920
24	$\mathcal{O}(0; \{24^4, 6, 4, 3^2, 2^6\})$	5376
24	$\mathcal{O}(0; \{24^4, 6, 4, 3^5, 2^2\})$	43776
24	$\mathcal{O}(0; \{24^4, 6, 4^3, 3^2, 2^3\})$	21504
24	$\mathcal{O}(0; \{24^4, 6, 4^5, 3^2\})$	86016
24	$\mathcal{O}(0; \{24^4, 6^2, 4, 2^7\})$	2816
24	$\mathcal{O}(0; \{24^4, 6^2, 4, 3^3, 2^3\})$	21760
24	$\mathcal{O}(0; \{24^4, 6^2, 4^3, 2^4\})$	11264
24	$\mathcal{O}(0; \{24^4, 6^2, 4^3, 3^3\})$	87040
24	$\mathcal{O}(0; \{24^4, 6^2, 4^5, 2\})$	45056
24	$\mathcal{O}(0; \{24^4, 6^3, 4, 3, 2^4\})$	11008
24	$\mathcal{O}(0; \{24^4, 6^3, 4, 3^4\})$	87296
24	$\mathcal{O}(0; \{24^4, 6^3, 4^3, 3, 2\})$	44032
24	$\mathcal{O}(0; \{24^4, 6^4, 4, 3^2, 2\})$	43776
24	$\mathcal{O}(0; \{24^4, 6^5, 4, 2^2\})$	21760
24	$\mathcal{O}(0; \{24^4, 8^2, 3, 2^7\})$	10240
24	$\mathcal{O}(0; \{24^4, 8^2, 3^4, 2^3\})$	88064
24	$\mathcal{O}(0; \{24^4, 8^2, 4^2, 3, 2^4\})$	40960
24	$\mathcal{O}(0; \{24^4, 8^2, 4^2, 3^4\})$	352256
24	$\mathcal{O}(0; \{24^4, 8^2, 4^4, 3, 2\})$	163840
24	$\mathcal{O}(0; \{24^4, 8^2, 6, 3^2, 2^4\})$	43008
24	$\mathcal{O}(0; \{24^4, 8^2, 6, 3^5\})$	350208
24	$\mathcal{O}(0; \{24^4, 8^2, 6, 4^2, 3^2, 2\})$	172032
24	$\mathcal{O}(0; \{24^4, 8^2, 6^2, 2^5\})$	22528
24	$\mathcal{O}(0; \{24^4, 8^2, 6^2, 3^3, 2\})$	174080
24	$\mathcal{O}(0; \{24^4, 8^2, 6^2, 4^2, 2^2\})$	90112
24	$\mathcal{O}(0; \{24^4, 8^2, 6^3, 3, 2^2\})$	88064
24	$\mathcal{O}(0; \{24^4, 8^2, 6^5\})$	174080
24	$\mathcal{O}(0; \{24^4, 8^4, 4, 3, 2^2\})$	327680
24	$\mathcal{O}(0; \{24^4, 8^4, 6^2, 4\})$	720896
24	$\mathcal{O}(0; \{24^4, 8^6, 3\})$	2621440
24	$\mathcal{O}(0; \{24^4, 12, 2^{10}\})$	1280

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^4, 12, 3^3, 2^6\})$	11008
24	$\mathcal{O}(0; \{24^4, 12, 3^6, 2^2\})$	87296
24	$\mathcal{O}(0; \{24^4, 12, 4^2, 2^7\})$	5120
24	$\mathcal{O}(0; \{24^4, 12, 4^2, 3^3, 2^3\})$	44032
24	$\mathcal{O}(0; \{24^4, 12, 4^4, 2^4\})$	20480
24	$\mathcal{O}(0; \{24^4, 12, 4^4, 3^3\})$	176128
24	$\mathcal{O}(0; \{24^4, 12, 4^6, 2\})$	81920
24	$\mathcal{O}(0; \{24^4, 12, 6, 3, 2^7\})$	5376
24	$\mathcal{O}(0; \{24^4, 12, 6, 3^4, 2^3\})$	43776
24	$\mathcal{O}(0; \{24^4, 12, 6, 4^2, 3, 2^4\})$	21504
24	$\mathcal{O}(0; \{24^4, 12, 6, 4^2, 3^4\})$	175104
24	$\mathcal{O}(0; \{24^4, 12, 6, 4^4, 3, 2\})$	86016
24	$\mathcal{O}(0; \{24^4, 12, 6^2, 3^2, 2^4\})$	21760
24	$\mathcal{O}(0; \{24^4, 12, 6^2, 3^5\})$	174848
24	$\mathcal{O}(0; \{24^4, 12, 6^2, 4^2, 3^2, 2\})$	87040
24	$\mathcal{O}(0; \{24^4, 12, 6^3, 2^5\})$	11008
24	$\mathcal{O}(0; \{24^4, 12, 6^3, 3^3, 2\})$	87296
24	$\mathcal{O}(0; \{24^4, 12, 6^3, 4^2, 2^2\})$	44032
24	$\mathcal{O}(0; \{24^4, 12, 6^4, 3, 2^2\})$	43776
24	$\mathcal{O}(0; \{24^4, 12, 6^6\})$	87296
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 4, 2^5\})$	40960
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 4, 3^3, 2\})$	352256
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 4^3, 2^2\})$	163840
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6, 4, 3, 2^2\})$	172032
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6^3, 4\})$	352256
24	$\mathcal{O}(0; \{24^4, 12, 8^4, 2^3\})$	327680
24	$\mathcal{O}(0; \{24^4, 12, 8^4, 4^2\})$	1310720
24	$\mathcal{O}(0; \{24^4, 12, 8^4, 6, 3\})$	1376256
24	$\mathcal{O}(0; \{24^4, 12^2, 4, 3^2, 2^4\})$	44032
24	$\mathcal{O}(0; \{24^4, 12^2, 4, 3^5\})$	349184
24	$\mathcal{O}(0; \{24^4, 12^2, 4^3, 3^2, 2\})$	176128
24	$\mathcal{O}(0; \{24^4, 12^2, 6, 4, 2^5\})$	21504
24	$\mathcal{O}(0; \{24^4, 12^2, 6, 4, 3^3, 2\})$	175104
24	$\mathcal{O}(0; \{24^4, 12^2, 6, 4^3, 2^2\})$	86016
24	$\mathcal{O}(0; \{24^4, 12^2, 6^2, 4, 3, 2^2\})$	87040
24	$\mathcal{O}(0; \{24^4, 12^2, 6^4, 4\})$	175104
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 3^2, 2^2\})$	352256
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 6, 2^3\})$	172032
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 6, 4^2\})$	688128
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 6^2, 3\})$	696320
24	$\mathcal{O}(0; \{24^4, 12^3, 3, 2^5\})$	44032
24	$\mathcal{O}(0; \{24^4, 12^3, 3^4, 2\})$	349184
24	$\mathcal{O}(0; \{24^4, 12^3, 4^2, 3, 2^2\})$	176128

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^4, 12^3, 6, 3^2, 2^2\})$	175104
24	$\mathcal{O}(0; \{24^4, 12^3, 6^2, 2^3\})$	87040
24	$\mathcal{O}(0; \{24^4, 12^3, 6^2, 4^2\})$	348160
24	$\mathcal{O}(0; \{24^4, 12^3, 6^3, 3\})$	349184
24	$\mathcal{O}(0; \{24^4, 12^3, 8^2, 4, 3\})$	1409024
24	$\mathcal{O}(0; \{24^4, 12^4, 4, 2^3\})$	176128
24	$\mathcal{O}(0; \{24^4, 12^4, 4^3\})$	704512
24	$\mathcal{O}(0; \{24^4, 12^4, 6, 4, 3\})$	700416
24	$\mathcal{O}(0; \{24^4, 12^4, 8^2, 2\})$	1409024
24	$\mathcal{O}(0; \{24^4, 12^5, 3^2\})$	1396736
24	$\mathcal{O}(0; \{24^4, 12^5, 6, 2\})$	700416
24	$\mathcal{O}(0; \{24^5, 8, 4, 3^2, 2^4\})$	86016
24	$\mathcal{O}(0; \{24^5, 8, 4, 3^5\})$	700416
24	$\mathcal{O}(0; \{24^5, 8, 4^3, 3^2, 2\})$	344064
24	$\mathcal{O}(0; \{24^5, 8, 6, 4, 2^5\})$	45056
24	$\mathcal{O}(0; \{24^5, 8, 6, 4, 3^3, 2\})$	348160
24	$\mathcal{O}(0; \{24^5, 8, 6, 4^3, 2^2\})$	180224
24	$\mathcal{O}(0; \{24^5, 8, 6^2, 4, 3, 2^2\})$	176128
24	$\mathcal{O}(0; \{24^5, 8, 6^4, 4\})$	348160
24	$\mathcal{O}(0; \{24^5, 8^3, 3^2, 2^2\})$	688128
24	$\mathcal{O}(0; \{24^5, 8^3, 6, 2^3\})$	360448
24	$\mathcal{O}(0; \{24^5, 8^3, 6, 4^2\})$	1441792
24	$\mathcal{O}(0; \{24^5, 8^3, 6^2, 3\})$	1409024
24	$\mathcal{O}(0; \{24^5, 12, 8, 3, 2^5\})$	86016
24	$\mathcal{O}(0; \{24^5, 12, 8, 3^4, 2\})$	700416
24	$\mathcal{O}(0; \{24^5, 12, 8, 4^2, 3, 2^2\})$	344064
24	$\mathcal{O}(0; \{24^5, 12, 8, 6, 3^2, 2^2\})$	348160
24	$\mathcal{O}(0; \{24^5, 12, 8, 6^2, 2^3\})$	176128
24	$\mathcal{O}(0; \{24^5, 12, 8, 6^2, 4^2\})$	704512
24	$\mathcal{O}(0; \{24^5, 12, 8, 6^3, 3\})$	700416
24	$\mathcal{O}(0; \{24^5, 12, 8^3, 4, 3\})$	2752512
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 4, 2^3\})$	344064
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 4^3\})$	1376256
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 6, 4, 3\})$	1392640
24	$\mathcal{O}(0; \{24^5, 12^2, 8^3, 2\})$	2752512
24	$\mathcal{O}(0; \{24^5, 12^3, 8, 3^2\})$	2801664
24	$\mathcal{O}(0; \{24^5, 12^3, 8, 6, 2\})$	1392640
24	$\mathcal{O}(0; \{24^6, 2^8\})$	22528
24	$\mathcal{O}(0; \{24^6, 3^3, 2^4\})$	174080
24	$\mathcal{O}(0; \{24^6, 3^6\})$	1398784
24	$\mathcal{O}(0; \{24^6, 4^2, 2^5\})$	90112
24	$\mathcal{O}(0; \{24^6, 4^2, 3^3, 2\})$	696320
24	$\mathcal{O}(0; \{24^6, 4^4, 2^2\})$	360448

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^6, 6, 3, 2^5\})$	88064
24	$\mathcal{O}(0; \{24^6, 6, 3^4, 2\})$	698368
24	$\mathcal{O}(0; \{24^6, 6, 4^2, 3, 2^2\})$	352256
24	$\mathcal{O}(0; \{24^6, 6^2, 3^2, 2^2\})$	350208
24	$\mathcal{O}(0; \{24^6, 6^3, 2^3\})$	174080
24	$\mathcal{O}(0; \{24^6, 6^3, 4^2\})$	696320
24	$\mathcal{O}(0; \{24^6, 6^4, 3\})$	698368
24	$\mathcal{O}(0; \{24^6, 8^2, 4, 2^3\})$	720896
24	$\mathcal{O}(0; \{24^6, 8^2, 4^3\})$	2883584
24	$\mathcal{O}(0; \{24^6, 8^2, 6, 4, 3\})$	2818048
24	$\mathcal{O}(0; \{24^6, 8^4, 2\})$	5767168
24	$\mathcal{O}(0; \{24^6, 12, 4, 3^2, 2^2\})$	696320
24	$\mathcal{O}(0; \{24^6, 12, 6, 4, 2^3\})$	352256
24	$\mathcal{O}(0; \{24^6, 12, 6, 4^3\})$	1409024
24	$\mathcal{O}(0; \{24^6, 12, 6^2, 4, 3\})$	1400832
24	$\mathcal{O}(0; \{24^6, 12, 8^2, 3^2\})$	5570560
24	$\mathcal{O}(0; \{24^6, 12, 8^2, 6, 2\})$	2818048
24	$\mathcal{O}(0; \{24^6, 12^2, 3, 2^3\})$	696320
24	$\mathcal{O}(0; \{24^6, 12^2, 4^2, 3\})$	2785280
24	$\mathcal{O}(0; \{24^6, 12^2, 6, 3^2\})$	2793472
24	$\mathcal{O}(0; \{24^6, 12^2, 6^2, 2\})$	1400832
24	$\mathcal{O}(0; \{24^6, 12^3, 4, 2\})$	2785280
24	$\mathcal{O}(0; \{24^7, 8, 3, 2^3\})$	1409024
24	$\mathcal{O}(0; \{24^7, 8, 4^2, 3\})$	5636096
24	$\mathcal{O}(0; \{24^7, 8, 6, 3^2\})$	5603328
24	$\mathcal{O}(0; \{24^7, 8, 6^2, 2\})$	2785280
24	$\mathcal{O}(0; \{24^7, 12, 8, 4, 2\})$	5636096
24	$\mathcal{O}(0; \{24^8, 4, 3^2\})$	11206656
24	$\mathcal{O}(0; \{24^8, 6, 4, 2\})$	5570560
24	$\mathcal{O}(0; \{24^8, 12, 3, 2\})$	11206656
25	$\mathcal{O}(2; \{25^4, 5^2\})$	4062500000
25	$\mathcal{O}(0; \{25^4, 5^7\})$	106496000
25	$\mathcal{O}(0; \{25^9, 5\})$	81918750000
26	$\mathcal{O}(2; \{26, 13^4, 2\})$	8746520640
26	$\mathcal{O}(1; \{26, 13^4, 2^5\})$	12938640
26	$\mathcal{O}(1; \{26^3, 13^3, 2^3\})$	155271792
26	$\mathcal{O}(1; \{26^5, 13^2, 2\})$	1863253392
26	$\mathcal{O}(0; \{26, 13^4, 2^9\})$	19140
26	$\mathcal{O}(0; \{26^3, 13^3, 2^7\})$	229692
26	$\mathcal{O}(0; \{26^5, 13^2, 2^5\})$	2756292
26	$\mathcal{O}(0; \{26^7, 13, 2^3\})$	33075516
26	$\mathcal{O}(0; \{26^9, 2\})$	396906180
27	$\mathcal{O}(3; \{27^3\})$	62762119218

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
27	$\mathcal{O}(2; \{9^4, 3^2\})$	340122240
27	$\mathcal{O}(2; \{27^3, 3^3\})$	688747536
27	$\mathcal{O}(1; \{9^4, 3^5\})$	3359232
27	$\mathcal{O}(1; \{9^7, 3\})$	39680928
27	$\mathcal{O}(1; \{27^3, 3^6\})$	7558272
27	$\mathcal{O}(1; \{27^3, 9^3, 3^2\})$	102036672
27	$\mathcal{O}(0; \{27^3, 3^9\})$	82944
27	$\mathcal{O}(0; \{27^3, 9^3, 3^5\})$	1119744
27	$\mathcal{O}(0; \{27^3, 9^6, 3\})$	15116544
27	$\mathcal{O}(0; \{27^6, 9^2, 3^2\})$	187067232
28	$\mathcal{O}(3; \{28, 14, 4\})$	5782683648
28	$\mathcal{O}(2; \{14, 7^2, 4^2, 2\})$	36879360
28	$\mathcal{O}(2; \{28, 14, 4, 2^4\})$	7375872
28	$\mathcal{O}(2; \{28, 14, 4^3, 2\})$	29503488
28	$\mathcal{O}(2; \{28^2, 7^2, 2^2\})$	228652032
28	$\mathcal{O}(2; \{28^2, 14^2, 7\})$	1364536320
28	$\mathcal{O}(2; \{28^3, 4, 2^2\})$	147517440
28	$\mathcal{O}(1; \{7^6, 4^2\})$	10452288
28	$\mathcal{O}(1; \{14, 7^2, 4^2, 2^5\})$	47040
28	$\mathcal{O}(1; \{14, 7^2, 4^4, 2^2\})$	188160
28	$\mathcal{O}(1; \{14^3, 7, 4^2, 2^3\})$	291648
28	$\mathcal{O}(1; \{14^3, 7, 4^4\})$	1166592
28	$\mathcal{O}(1; \{14^5, 4^2, 2\})$	1740480
28	$\mathcal{O}(1; \{28, 7^4, 4, 2^3\})$	1740480
28	$\mathcal{O}(1; \{28, 7^4, 4^3\})$	6961920
28	$\mathcal{O}(1; \{28, 14, 4, 2^8\})$	9408
28	$\mathcal{O}(1; \{28, 14, 4^3, 2^5\})$	37632
28	$\mathcal{O}(1; \{28, 14, 4^5, 2^2\})$	150528
28	$\mathcal{O}(1; \{28, 14^2, 7^3, 4, 2\})$	10452288
28	$\mathcal{O}(1; \{28^2, 7^2, 2^6\})$	291648
28	$\mathcal{O}(1; \{28^2, 7^2, 4^2, 2^3\})$	1166592
28	$\mathcal{O}(1; \{28^2, 7^2, 4^4\})$	4666368
28	$\mathcal{O}(1; \{28^2, 14^2, 7, 2^4\})$	1740480
28	$\mathcal{O}(1; \{28^2, 14^2, 7, 4^2, 2\})$	6961920
28	$\mathcal{O}(1; \{28^2, 14^4, 2^2\})$	10452288
28	$\mathcal{O}(1; \{28^3, 4, 2^6\})$	188160
28	$\mathcal{O}(1; \{28^3, 4^3, 2^3\})$	752640
28	$\mathcal{O}(1; \{28^3, 4^5\})$	3010560
28	$\mathcal{O}(1; \{28^4, 14, 7, 2^2\})$	41809152
28	$\mathcal{O}(1; \{28^4, 14^3\})$	250817280
28	$\mathcal{O}(1; \{28^6, 7\})$	1003269120
28	$\mathcal{O}(0; \{7^6, 4^2, 2^4\})$	13332
28	$\mathcal{O}(0; \{7^6, 4^4, 2\})$	53328

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(0; \{14, 7^2, 4^2, 2^9\})$	60
28	$\mathcal{O}(0; \{14, 7^2, 4^4, 2^6\})$	240
28	$\mathcal{O}(0; \{14, 7^2, 4^6, 2^3\})$	960
28	$\mathcal{O}(0; \{14, 7^2, 4^8\})$	3840
28	$\mathcal{O}(0; \{14^2, 7^5, 4^2, 2^2\})$	79980
28	$\mathcal{O}(0; \{14^3, 7, 4^2, 2^7\})$	372
28	$\mathcal{O}(0; \{14^3, 7, 4^4, 2^4\})$	1488
28	$\mathcal{O}(0; \{14^3, 7, 4^6, 2\})$	5952
28	$\mathcal{O}(0; \{14^4, 7^4, 4^2\})$	479892
28	$\mathcal{O}(0; \{14^5, 4^2, 2^5\})$	2220
28	$\mathcal{O}(0; \{14^5, 4^4, 2^2\})$	8880
28	$\mathcal{O}(0; \{28, 7^4, 4, 2^7\})$	2220
28	$\mathcal{O}(0; \{28, 7^4, 4^3, 2^4\})$	8880
28	$\mathcal{O}(0; \{28, 7^4, 4^5, 2\})$	35520
28	$\mathcal{O}(0; \{28, 14, 4, 2^{12}\})$	12
28	$\mathcal{O}(0; \{28, 14, 4^3, 2^9\})$	48
28	$\mathcal{O}(0; \{28, 14, 4^5, 2^6\})$	192
28	$\mathcal{O}(0; \{28, 14, 4^7, 2^3\})$	768
28	$\mathcal{O}(0; \{28, 14, 4^9\})$	3072
28	$\mathcal{O}(0; \{28, 14, 7^7, 4\})$	2879340
28	$\mathcal{O}(0; \{28, 14^2, 7^3, 4, 2^5\})$	13332
28	$\mathcal{O}(0; \{28, 14^2, 7^3, 4^3, 2^2\})$	53328
28	$\mathcal{O}(0; \{28, 14^4, 7^2, 4, 2^3\})$	79980
28	$\mathcal{O}(0; \{28, 14^4, 7^2, 4^3\})$	319920
28	$\mathcal{O}(0; \{28, 14^6, 7, 4, 2\})$	479892
28	$\mathcal{O}(0; \{28^2, 7^2, 2^{10}\})$	372
28	$\mathcal{O}(0; \{28^2, 7^2, 4^2, 2^7\})$	1488
28	$\mathcal{O}(0; \{28^2, 7^2, 4^4, 2^4\})$	5952
28	$\mathcal{O}(0; \{28^2, 7^2, 4^6, 2\})$	23808
28	$\mathcal{O}(0; \{28^2, 14, 7^5, 2^3\})$	479892
28	$\mathcal{O}(0; \{28^2, 14, 7^5, 4^2\})$	1919568
28	$\mathcal{O}(0; \{28^2, 14^2, 7, 2^8\})$	2220
28	$\mathcal{O}(0; \{28^2, 14^2, 7, 4^2, 2^5\})$	8880
28	$\mathcal{O}(0; \{28^2, 14^2, 7, 4^4, 2^2\})$	35520
28	$\mathcal{O}(0; \{28^2, 14^3, 7^4, 2\})$	2879340
28	$\mathcal{O}(0; \{28^2, 14^4, 2^6\})$	13332
28	$\mathcal{O}(0; \{28^2, 14^4, 4^2, 2^3\})$	53328
28	$\mathcal{O}(0; \{28^2, 14^4, 4^4\})$	213312
28	$\mathcal{O}(0; \{28^3, 4, 2^{10}\})$	240
28	$\mathcal{O}(0; \{28^3, 4^3, 2^7\})$	960
28	$\mathcal{O}(0; \{28^3, 4^5, 2^4\})$	3840
28	$\mathcal{O}(0; \{28^3, 4^7, 2\})$	15360
28	$\mathcal{O}(0; \{28^3, 14, 7^3, 4, 2^3\})$	319920

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(0; \{28^3, 14, 7^3, 4^3\})$	1279680
28	$\mathcal{O}(0; \{28^3, 14^3, 7^2, 4, 2\})$	1919568
28	$\mathcal{O}(0; \{28^4, 7^5, 2\})$	11517360
28	$\mathcal{O}(0; \{28^4, 14, 7, 2^6\})$	53328
28	$\mathcal{O}(0; \{28^4, 14, 7, 4^2, 2^3\})$	213312
28	$\mathcal{O}(0; \{28^4, 14, 7, 4^4\})$	853248
28	$\mathcal{O}(0; \{28^4, 14^3, 2^4\})$	319920
28	$\mathcal{O}(0; \{28^4, 14^3, 4^2, 2\})$	1279680
28	$\mathcal{O}(0; \{28^5, 7^3, 4, 2\})$	7678272
28	$\mathcal{O}(0; \{28^6, 7, 2^4\})$	1279680
28	$\mathcal{O}(0; \{28^6, 7, 4^2, 2\})$	5118720
28	$\mathcal{O}(0; \{28^6, 14^2, 2^2\})$	7678272
28	$\mathcal{O}(0; \{28^8, 14\})$	184277760
30	$\mathcal{O}(3; \{10, 5, 2\})$	2912000000
30	$\mathcal{O}(2; \{5^4, 2^2\})$	41600000
30	$\mathcal{O}(2; \{10, 5, 2^5\})$	3200000
30	$\mathcal{O}(2; \{10, 5, 3^3, 2\})$	6480000
30	$\mathcal{O}(2; \{10, 6, 5, 3, 2^2\})$	6480000
30	$\mathcal{O}(2; \{10, 6^3, 5\})$	6480000
30	$\mathcal{O}(2; \{10^2, 5^3\})$	163200000
30	$\mathcal{O}(2; \{10^3, 2^3\})$	9600000
30	$\mathcal{O}(2; \{10^3, 6, 3\})$	19440000
30	$\mathcal{O}(2; \{15, 5^2, 3, 2^2\})$	19440000
30	$\mathcal{O}(2; \{15, 6^2, 5^2\})$	19440000
30	$\mathcal{O}(2; \{15, 10^2, 5, 3\})$	84240000
30	$\mathcal{O}(2; \{15^2, 3^2, 2^2\})$	19440000
30	$\mathcal{O}(2; \{15^2, 6, 2^3\})$	6480000
30	$\mathcal{O}(2; \{15^2, 6^2, 3\})$	32400000
30	$\mathcal{O}(2; \{15^3, 10, 2\})$	84240000
30	$\mathcal{O}(2; \{30, 6, 5^3\})$	84240000
30	$\mathcal{O}(2; \{30, 10, 3^2, 2^2\})$	6480000
30	$\mathcal{O}(2; \{30, 10, 6, 2^3\})$	6480000
30	$\mathcal{O}(2; \{30, 10, 6^2, 3\})$	19440000
30	$\mathcal{O}(2; \{30, 15, 5, 2^3\})$	19440000
30	$\mathcal{O}(2; \{30, 15, 6, 5, 3\})$	58320000
30	$\mathcal{O}(2; \{30, 15, 10^2, 2\})$	84240000
30	$\mathcal{O}(2; \{30^2, 5^2, 3\})$	84240000
30	$\mathcal{O}(2; \{30^2, 15, 3^2\})$	97200000
30	$\mathcal{O}(2; \{30^2, 15, 6, 2\})$	58320000
30	$\mathcal{O}(2; \{30^3, 5, 2\})$	84240000
30	$\mathcal{O}(1; \{5^4, 2^6\})$	41600
30	$\mathcal{O}(1; \{5^4, 3^3, 2^2\})$	93600
30	$\mathcal{O}(1; \{6, 5^4, 3, 2^3\})$	93600

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{6^2, 5^4, 3^2\})$	280800
30	$\mathcal{O}(1; \{6^3, 5^4, 2\})$	93600
30	$\mathcal{O}(1; \{10, 5, 2^9\})$	3200
30	$\mathcal{O}(1; \{10, 5, 3^3, 2^5\})$	7200
30	$\mathcal{O}(1; \{10, 5, 3^6, 2\})$	79200
30	$\mathcal{O}(1; \{10, 5^6, 2\})$	2620800
30	$\mathcal{O}(1; \{10, 6, 5, 3, 2^6\})$	7200
30	$\mathcal{O}(1; \{10, 6, 5, 3^4, 2^2\})$	36000
30	$\mathcal{O}(1; \{10, 6^2, 5, 3^2, 2^3\})$	21600
30	$\mathcal{O}(1; \{10, 6^3, 5, 2^4\})$	7200
30	$\mathcal{O}(1; \{10, 6^3, 5, 3^3\})$	79200
30	$\mathcal{O}(1; \{10, 6^4, 5, 3, 2\})$	36000
30	$\mathcal{O}(1; \{10^2, 5^3, 2^4\})$	163200
30	$\mathcal{O}(1; \{10^2, 5^3, 3^3\})$	367200
30	$\mathcal{O}(1; \{10^2, 6, 5^3, 3, 2\})$	367200
30	$\mathcal{O}(1; \{10^3, 2^7\})$	9600
30	$\mathcal{O}(1; \{10^3, 3^3, 2^3\})$	21600
30	$\mathcal{O}(1; \{10^3, 6, 3, 2^4\})$	21600
30	$\mathcal{O}(1; \{10^3, 6, 3^4\})$	108000
30	$\mathcal{O}(1; \{10^3, 6^2, 3^2, 2\})$	64800
30	$\mathcal{O}(1; \{10^3, 6^3, 2^2\})$	21600
30	$\mathcal{O}(1; \{10^4, 5^2, 2^2\})$	656000
30	$\mathcal{O}(1; \{10^6, 5\})$	2620800
30	$\mathcal{O}(1; \{15, 5^2, 3, 2^6\})$	21600
30	$\mathcal{O}(1; \{15, 5^2, 3^4, 2^2\})$	108000
30	$\mathcal{O}(1; \{15, 6, 5^2, 3^2, 2^3\})$	64800
30	$\mathcal{O}(1; \{15, 6^2, 5^2, 2^4\})$	21600
30	$\mathcal{O}(1; \{15, 6^2, 5^2, 3^3\})$	237600
30	$\mathcal{O}(1; \{15, 6^3, 5^2, 3, 2\})$	108000
30	$\mathcal{O}(1; \{15, 10, 5^4, 3, 2\})$	1476000
30	$\mathcal{O}(1; \{15, 10^2, 5, 3, 2^4\})$	93600
30	$\mathcal{O}(1; \{15, 10^2, 5, 3^4\})$	468000
30	$\mathcal{O}(1; \{15, 10^2, 6, 5, 3^2, 2\})$	280800
30	$\mathcal{O}(1; \{15, 10^2, 6^2, 5, 2^2\})$	93600
30	$\mathcal{O}(1; \{15, 10^4, 3, 2^2\})$	367200
30	$\mathcal{O}(1; \{15, 10^4, 6^2\})$	367200
30	$\mathcal{O}(1; \{15^2, 3^2, 2^6\})$	21600
30	$\mathcal{O}(1; \{15^2, 3^5, 2^2\})$	151200
30	$\mathcal{O}(1; \{15^2, 6, 2^7\})$	7200
30	$\mathcal{O}(1; \{15^2, 6, 3^3, 2^3\})$	79200
30	$\mathcal{O}(1; \{15^2, 6^2, 3, 2^4\})$	36000
30	$\mathcal{O}(1; \{15^2, 6^2, 3^4\})$	309600
30	$\mathcal{O}(1; \{15^2, 6^3, 3^2, 2\})$	151200

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{15^2, 6^4, 2^2\})$	79200
30	$\mathcal{O}(1; \{15^2, 10, 5^2, 3^2, 2\})$	1101600
30	$\mathcal{O}(1; \{15^2, 10, 6, 5^2, 2^2\})$	367200
30	$\mathcal{O}(1; \{15^2, 10^3, 6, 5\})$	1476000
30	$\mathcal{O}(1; \{15^3, 5^3, 2^2\})$	1476000
30	$\mathcal{O}(1; \{15^3, 10, 2^5\})$	93600
30	$\mathcal{O}(1; \{15^3, 10, 3^3, 2\})$	1029600
30	$\mathcal{O}(1; \{15^3, 10, 6, 3, 2^2\})$	468000
30	$\mathcal{O}(1; \{15^3, 10, 6^3\})$	1029600
30	$\mathcal{O}(1; \{15^3, 10^2, 5^2\})$	5896800
30	$\mathcal{O}(1; \{15^4, 5, 3, 2^2\})$	1836000
30	$\mathcal{O}(1; \{15^4, 6^2, 5\})$	4039200
30	$\mathcal{O}(1; \{15^4, 10^2, 3\})$	7380000
30	$\mathcal{O}(1; \{30, 5^3, 3^2, 2^3\})$	93600
30	$\mathcal{O}(1; \{30, 6, 5^3, 2^4\})$	93600
30	$\mathcal{O}(1; \{30, 6, 5^3, 3^3\})$	468000
30	$\mathcal{O}(1; \{30, 6^2, 5^3, 3, 2\})$	280800
30	$\mathcal{O}(1; \{30, 10, 3^2, 2^6\})$	7200
30	$\mathcal{O}(1; \{30, 10, 3^5, 2^2\})$	79200
30	$\mathcal{O}(1; \{30, 10, 6, 2^7\})$	7200
30	$\mathcal{O}(1; \{30, 10, 6, 3^3, 2^3\})$	36000
30	$\mathcal{O}(1; \{30, 10, 6^2, 3, 2^4\})$	21600
30	$\mathcal{O}(1; \{30, 10, 6^2, 3^4\})$	151200
30	$\mathcal{O}(1; \{30, 10, 6^3, 3^2, 2\})$	79200
30	$\mathcal{O}(1; \{30, 10, 6^4, 2^2\})$	36000
30	$\mathcal{O}(1; \{30, 10^2, 5^2, 3^2, 2\})$	367200
30	$\mathcal{O}(1; \{30, 10^2, 6, 5^2, 2^2\})$	367200
30	$\mathcal{O}(1; \{30, 10^4, 6, 5\})$	1476000
30	$\mathcal{O}(1; \{30, 15, 5, 2^7\})$	21600
30	$\mathcal{O}(1; \{30, 15, 5, 3^3, 2^3\})$	108000
30	$\mathcal{O}(1; \{30, 15, 6, 5, 3, 2^4\})$	64800
30	$\mathcal{O}(1; \{30, 15, 6, 5, 3^4\})$	453600
30	$\mathcal{O}(1; \{30, 15, 6^2, 5, 3^2, 2\})$	237600
30	$\mathcal{O}(1; \{30, 15, 6^3, 5, 2^2\})$	108000
30	$\mathcal{O}(1; \{30, 15, 10, 5^3, 2^2\})$	1476000
30	$\mathcal{O}(1; \{30, 15, 10^2, 2^5\})$	93600
30	$\mathcal{O}(1; \{30, 15, 10^2, 3^3, 2\})$	468000
30	$\mathcal{O}(1; \{30, 15, 10^2, 6, 3, 2^2\})$	280800
30	$\mathcal{O}(1; \{30, 15, 10^2, 6^3\})$	468000
30	$\mathcal{O}(1; \{30, 15, 10^3, 5^2\})$	5896800
30	$\mathcal{O}(1; \{30, 15^2, 10, 5, 3, 2^2\})$	1101600
30	$\mathcal{O}(1; \{30, 15^2, 10, 6^2, 5\})$	1836000
30	$\mathcal{O}(1; \{30, 15^2, 10^3, 3\})$	4428000

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{30, 15^3, 6, 5^2\})$	7380000
30	$\mathcal{O}(1; \{30, 15^4, 2^3\})$	1836000
30	$\mathcal{O}(1; \{30, 15^4, 6, 3\})$	7711200
30	$\mathcal{O}(1; \{30^2, 5^2, 3, 2^4\})$	93600
30	$\mathcal{O}(1; \{30^2, 5^2, 3^4\})$	1029600
30	$\mathcal{O}(1; \{30^2, 6, 5^2, 3^2, 2\})$	468000
30	$\mathcal{O}(1; \{30^2, 6^2, 5^2, 2^2\})$	280800
30	$\mathcal{O}(1; \{30^2, 10^2, 5, 3, 2^2\})$	367200
30	$\mathcal{O}(1; \{30^2, 10^2, 6^2, 5\})$	1101600
30	$\mathcal{O}(1; \{30^2, 10^4, 3\})$	1476000
30	$\mathcal{O}(1; \{30^2, 15, 3^2, 2^4\})$	108000
30	$\mathcal{O}(1; \{30^2, 15, 3^5\})$	928800
30	$\mathcal{O}(1; \{30^2, 15, 6, 2^5\})$	64800
30	$\mathcal{O}(1; \{30^2, 15, 6, 3^3, 2\})$	453600
30	$\mathcal{O}(1; \{30^2, 15, 6^2, 3, 2^2\})$	237600
30	$\mathcal{O}(1; \{30^2, 15, 6^4\})$	453600
30	$\mathcal{O}(1; \{30^2, 15, 10, 6, 5^2\})$	4428000
30	$\mathcal{O}(1; \{30^2, 15^2, 5^3\})$	17690400
30	$\mathcal{O}(1; \{30^2, 15^2, 10, 2^3\})$	1101600
30	$\mathcal{O}(1; \{30^2, 15^2, 10, 6, 3\})$	4039200
30	$\mathcal{O}(1; \{30^2, 15^3, 5, 3\})$	16236000
30	$\mathcal{O}(1; \{30^3, 5, 2^5\})$	93600
30	$\mathcal{O}(1; \{30^3, 5, 3^3, 2\})$	1029600
30	$\mathcal{O}(1; \{30^3, 6, 5, 3, 2^2\})$	468000
30	$\mathcal{O}(1; \{30^3, 6^3, 5\})$	1029600
30	$\mathcal{O}(1; \{30^3, 10, 5^3\})$	5896800
30	$\mathcal{O}(1; \{30^3, 10^2, 2^3\})$	367200
30	$\mathcal{O}(1; \{30^3, 10^2, 6, 3\})$	1836000
30	$\mathcal{O}(1; \{30^3, 15, 10, 5, 3\})$	7380000
30	$\mathcal{O}(1; \{30^3, 15^3, 2\})$	16236000
30	$\mathcal{O}(1; \{30^4, 3^2, 2^2\})$	1029600
30	$\mathcal{O}(1; \{30^4, 6, 2^3\})$	468000
30	$\mathcal{O}(1; \{30^4, 6^2, 3\})$	1965600
30	$\mathcal{O}(1; \{30^4, 15, 10, 2\})$	7380000
30	$\mathcal{O}(0; \{5^4, 3^3, 2^6\})$	104
30	$\mathcal{O}(0; \{5^4, 3^6, 2^2\})$	1144
30	$\mathcal{O}(0; \{6, 5^4, 3, 2^7\})$	104
30	$\mathcal{O}(0; \{6, 5^4, 3^4, 2^3\})$	520
30	$\mathcal{O}(0; \{6^2, 5^4, 3^2, 2^4\})$	312
30	$\mathcal{O}(0; \{6^2, 5^4, 3^5\})$	2184
30	$\mathcal{O}(0; \{6^3, 5^4, 2^5\})$	104
30	$\mathcal{O}(0; \{6^3, 5^4, 3^3, 2\})$	1144
30	$\mathcal{O}(0; \{6^4, 5^4, 3, 2^2\})$	520

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{6^6, 5^4\})$	1144
30	$\mathcal{O}(0; \{10, 5, 3^3, 2^9\})$	8
30	$\mathcal{O}(0; \{10, 5, 3^6, 2^5\})$	88
30	$\mathcal{O}(0; \{10, 5, 3^9, 2\})$	680
30	$\mathcal{O}(0; \{10, 5^6, 3^3, 2\})$	6552
30	$\mathcal{O}(0; \{10, 6, 5, 3, 2^{10}\})$	8
30	$\mathcal{O}(0; \{10, 6, 5, 3^4, 2^6\})$	40
30	$\mathcal{O}(0; \{10, 6, 5, 3^7, 2^2\})$	344
30	$\mathcal{O}(0; \{10, 6, 5^6, 3, 2^2\})$	6552
30	$\mathcal{O}(0; \{10, 6^2, 5, 3^2, 2^7\})$	24
30	$\mathcal{O}(0; \{10, 6^2, 5, 3^5, 2^3\})$	168
30	$\mathcal{O}(0; \{10, 6^3, 5, 2^8\})$	8
30	$\mathcal{O}(0; \{10, 6^3, 5, 3^3, 2^4\})$	88
30	$\mathcal{O}(0; \{10, 6^3, 5, 3^6\})$	680
30	$\mathcal{O}(0; \{10, 6^3, 5^6\})$	6552
30	$\mathcal{O}(0; \{10, 6^4, 5, 3, 2^5\})$	40
30	$\mathcal{O}(0; \{10, 6^4, 5, 3^4, 2\})$	344
30	$\mathcal{O}(0; \{10, 6^5, 5, 3^2, 2^2\})$	168
30	$\mathcal{O}(0; \{10, 6^6, 5, 2^3\})$	88
30	$\mathcal{O}(0; \{10, 6^7, 5, 3\})$	344
30	$\mathcal{O}(0; \{10^2, 5^3, 3^3, 2^4\})$	408
30	$\mathcal{O}(0; \{10^2, 5^3, 3^6\})$	4488
30	$\mathcal{O}(0; \{10^2, 6, 5^3, 3, 2^5\})$	408
30	$\mathcal{O}(0; \{10^2, 6, 5^3, 3^4, 2\})$	2040
30	$\mathcal{O}(0; \{10^2, 6^2, 5^3, 3^2, 2^2\})$	1224
30	$\mathcal{O}(0; \{10^2, 6^3, 5^3, 2^3\})$	408
30	$\mathcal{O}(0; \{10^2, 6^4, 5^3, 3\})$	2040
30	$\mathcal{O}(0; \{10^3, 3^3, 2^7\})$	24
30	$\mathcal{O}(0; \{10^3, 3^6, 2^3\})$	264
30	$\mathcal{O}(0; \{10^3, 6, 3, 2^8\})$	24
30	$\mathcal{O}(0; \{10^3, 6, 3^4, 2^4\})$	120
30	$\mathcal{O}(0; \{10^3, 6, 3^7\})$	1032
30	$\mathcal{O}(0; \{10^3, 6, 5^5, 3\})$	26216
30	$\mathcal{O}(0; \{10^3, 6^2, 3^2, 2^5\})$	72
30	$\mathcal{O}(0; \{10^3, 6^2, 3^5, 2\})$	504
30	$\mathcal{O}(0; \{10^3, 6^3, 2^6\})$	24
30	$\mathcal{O}(0; \{10^3, 6^3, 3^3, 2^2\})$	264
30	$\mathcal{O}(0; \{10^3, 6^4, 3, 2^3\})$	120
30	$\mathcal{O}(0; \{10^3, 6^5, 3^2\})$	504
30	$\mathcal{O}(0; \{10^3, 6^6, 2\})$	264
30	$\mathcal{O}(0; \{10^4, 5^2, 3^3, 2^2\})$	1640
30	$\mathcal{O}(0; \{10^4, 6, 5^2, 3, 2^3\})$	1640
30	$\mathcal{O}(0; \{10^4, 6^2, 5^2, 3^2\})$	4920

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{10^4, 6^3, 5^2, 2\})$	1640
30	$\mathcal{O}(0; \{10^6, 5, 3^3\})$	6552
30	$\mathcal{O}(0; \{10^6, 6, 5, 3, 2\})$	6552
30	$\mathcal{O}(0; \{15, 5^2, 3, 2^{10}\})$	24
30	$\mathcal{O}(0; \{15, 5^2, 3^4, 2^6\})$	120
30	$\mathcal{O}(0; \{15, 5^2, 3^7, 2^2\})$	1032
30	$\mathcal{O}(0; \{15, 5^7, 3, 2^2\})$	26216
30	$\mathcal{O}(0; \{15, 6, 5^2, 3^2, 2^7\})$	72
30	$\mathcal{O}(0; \{15, 6, 5^2, 3^5, 2^3\})$	504
30	$\mathcal{O}(0; \{15, 6^2, 5^2, 2^8\})$	24
30	$\mathcal{O}(0; \{15, 6^2, 5^2, 3^3, 2^4\})$	264
30	$\mathcal{O}(0; \{15, 6^2, 5^2, 3^6\})$	2040
30	$\mathcal{O}(0; \{15, 6^2, 5^7\})$	26216
30	$\mathcal{O}(0; \{15, 6^3, 5^2, 3, 2^5\})$	120
30	$\mathcal{O}(0; \{15, 6^3, 5^2, 3^4, 2\})$	1032
30	$\mathcal{O}(0; \{15, 6^4, 5^2, 3^2, 2^2\})$	504
30	$\mathcal{O}(0; \{15, 6^5, 5^2, 2^3\})$	264
30	$\mathcal{O}(0; \{15, 6^6, 5^2, 3\})$	1032
30	$\mathcal{O}(0; \{15, 10, 5^4, 3, 2^5\})$	1640
30	$\mathcal{O}(0; \{15, 10, 5^4, 3^4, 2\})$	8200
30	$\mathcal{O}(0; \{15, 10, 6, 5^4, 3^2, 2^2\})$	4920
30	$\mathcal{O}(0; \{15, 10, 6^2, 5^4, 2^3\})$	1640
30	$\mathcal{O}(0; \{15, 10, 6^3, 5^4, 3\})$	8200
30	$\mathcal{O}(0; \{15, 10^2, 5, 3, 2^8\})$	104
30	$\mathcal{O}(0; \{15, 10^2, 5, 3^4, 2^4\})$	520
30	$\mathcal{O}(0; \{15, 10^2, 5, 3^7\})$	4472
30	$\mathcal{O}(0; \{15, 10^2, 5^6, 3\})$	104856
30	$\mathcal{O}(0; \{15, 10^2, 6, 5, 3^2, 2^5\})$	312
30	$\mathcal{O}(0; \{15, 10^2, 6, 5, 3^5, 2\})$	2184
30	$\mathcal{O}(0; \{15, 10^2, 6^2, 5, 2^6\})$	104
30	$\mathcal{O}(0; \{15, 10^2, 6^2, 5, 3^3, 2^2\})$	1144
30	$\mathcal{O}(0; \{15, 10^2, 6^3, 5, 3, 2^3\})$	520
30	$\mathcal{O}(0; \{15, 10^2, 6^4, 5, 3^2\})$	2184
30	$\mathcal{O}(0; \{15, 10^2, 6^5, 5, 2\})$	1144
30	$\mathcal{O}(0; \{15, 10^3, 5^3, 3, 2^3\})$	6552
30	$\mathcal{O}(0; \{15, 10^3, 6, 5^3, 3^2\})$	19656
30	$\mathcal{O}(0; \{15, 10^3, 6^2, 5^3, 2\})$	6552
30	$\mathcal{O}(0; \{15, 10^4, 3, 2^6\})$	408
30	$\mathcal{O}(0; \{15, 10^4, 3^4, 2^2\})$	2040
30	$\mathcal{O}(0; \{15, 10^4, 6, 3^2, 2^3\})$	1224
30	$\mathcal{O}(0; \{15, 10^4, 6^2, 2^4\})$	408
30	$\mathcal{O}(0; \{15, 10^4, 6^2, 3^3\})$	4488
30	$\mathcal{O}(0; \{15, 10^4, 6^3, 3, 2\})$	2040

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{15, 10^5, 5^2, 3, 2\})$	26216
30	$\mathcal{O}(0; \{15^2, 3^2, 2^{10}\})$	24
30	$\mathcal{O}(0; \{15^2, 3^5, 2^6\})$	168
30	$\mathcal{O}(0; \{15^2, 3^8, 2^2\})$	1368
30	$\mathcal{O}(0; \{15^2, 5^5, 3^2, 2^2\})$	19656
30	$\mathcal{O}(0; \{15^2, 6, 2^{11}\})$	8
30	$\mathcal{O}(0; \{15^2, 6, 3^3, 2^7\})$	88
30	$\mathcal{O}(0; \{15^2, 6, 3^6, 2^3\})$	680
30	$\mathcal{O}(0; \{15^2, 6, 5^5, 2^3\})$	6552
30	$\mathcal{O}(0; \{15^2, 6^2, 3, 2^8\})$	40
30	$\mathcal{O}(0; \{15^2, 6^2, 3^4, 2^4\})$	344
30	$\mathcal{O}(0; \{15^2, 6^2, 3^7\})$	2728
30	$\mathcal{O}(0; \{15^2, 6^2, 5^5, 3\})$	32760
30	$\mathcal{O}(0; \{15^2, 6^3, 3^2, 2^5\})$	168
30	$\mathcal{O}(0; \{15^2, 6^3, 3^5, 2\})$	1368
30	$\mathcal{O}(0; \{15^2, 6^4, 2^6\})$	88
30	$\mathcal{O}(0; \{15^2, 6^4, 3^3, 2^2\})$	680
30	$\mathcal{O}(0; \{15^2, 6^5, 3, 2^3\})$	344
30	$\mathcal{O}(0; \{15^2, 6^6, 3^2\})$	1368
30	$\mathcal{O}(0; \{15^2, 6^7, 2\})$	680
30	$\mathcal{O}(0; \{15^2, 10, 5^2, 3^2, 2^5\})$	1224
30	$\mathcal{O}(0; \{15^2, 10, 5^2, 3^5, 2\})$	8568
30	$\mathcal{O}(0; \{15^2, 10, 6, 5^2, 2^6\})$	408
30	$\mathcal{O}(0; \{15^2, 10, 6, 5^2, 3^3, 2^2\})$	4488
30	$\mathcal{O}(0; \{15^2, 10, 6^2, 5^2, 3, 2^3\})$	2040
30	$\mathcal{O}(0; \{15^2, 10, 6^3, 5^2, 3^2\})$	8568
30	$\mathcal{O}(0; \{15^2, 10, 6^4, 5^2, 2\})$	4488
30	$\mathcal{O}(0; \{15^2, 10^2, 5^4, 3^2\})$	78648
30	$\mathcal{O}(0; \{15^2, 10^2, 6, 5^4, 2\})$	26216
30	$\mathcal{O}(0; \{15^2, 10^3, 5, 3^2, 2^3\})$	4920
30	$\mathcal{O}(0; \{15^2, 10^3, 6, 5, 2^4\})$	1640
30	$\mathcal{O}(0; \{15^2, 10^3, 6, 5, 3^3\})$	18040
30	$\mathcal{O}(0; \{15^2, 10^3, 6^2, 5, 3, 2\})$	8200
30	$\mathcal{O}(0; \{15^2, 10^5, 3^2, 2\})$	19656
30	$\mathcal{O}(0; \{15^2, 10^5, 6, 2^2\})$	6552
30	$\mathcal{O}(0; \{15^3, 5^3, 2^6\})$	1640
30	$\mathcal{O}(0; \{15^3, 5^3, 3^3, 2^2\})$	18040
30	$\mathcal{O}(0; \{15^3, 6, 5^3, 3, 2^3\})$	8200
30	$\mathcal{O}(0; \{15^3, 6^2, 5^3, 3^2\})$	34440
30	$\mathcal{O}(0; \{15^3, 6^3, 5^3, 2\})$	18040
30	$\mathcal{O}(0; \{15^3, 10, 2^9\})$	104
30	$\mathcal{O}(0; \{15^3, 10, 3^3, 2^5\})$	1144
30	$\mathcal{O}(0; \{15^3, 10, 3^6, 2\})$	8840

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{15^3, 10, 5^5, 2\})$	104856
30	$\mathcal{O}(0; \{15^3, 10, 6, 3, 2^6\})$	520
30	$\mathcal{O}(0; \{15^3, 10, 6, 3^4, 2^2\})$	4472
30	$\mathcal{O}(0; \{15^3, 10, 6^2, 3^2, 2^3\})$	2184
30	$\mathcal{O}(0; \{15^3, 10, 6^3, 2^4\})$	1144
30	$\mathcal{O}(0; \{15^3, 10, 6^3, 3^3\})$	8840
30	$\mathcal{O}(0; \{15^3, 10, 6^4, 3, 2\})$	4472
30	$\mathcal{O}(0; \{15^3, 10^2, 5^2, 2^4\})$	6552
30	$\mathcal{O}(0; \{15^3, 10^2, 5^2, 3^3\})$	72072
30	$\mathcal{O}(0; \{15^3, 10^2, 6, 5^2, 3, 2\})$	32760
30	$\mathcal{O}(0; \{15^3, 10^4, 5, 2^2\})$	26216
30	$\mathcal{O}(0; \{15^3, 10^6\})$	104856
30	$\mathcal{O}(0; \{15^4, 5, 3, 2^6\})$	2040
30	$\mathcal{O}(0; \{15^4, 5, 3^4, 2^2\})$	17544
30	$\mathcal{O}(0; \{15^4, 6, 5, 3^2, 2^3\})$	8568
30	$\mathcal{O}(0; \{15^4, 6^2, 5, 2^4\})$	4488
30	$\mathcal{O}(0; \{15^4, 6^2, 5, 3^3\})$	34680
30	$\mathcal{O}(0; \{15^4, 6^3, 5, 3, 2\})$	17544
30	$\mathcal{O}(0; \{15^4, 10, 5^3, 3, 2\})$	131080
30	$\mathcal{O}(0; \{15^4, 10^2, 3, 2^4\})$	8200
30	$\mathcal{O}(0; \{15^4, 10^2, 3^4\})$	70520
30	$\mathcal{O}(0; \{15^4, 10^2, 6, 3^2, 2\})$	34440
30	$\mathcal{O}(0; \{15^4, 10^2, 6^2, 2^2\})$	18040
30	$\mathcal{O}(0; \{15^5, 10, 5, 3^2, 2\})$	137592
30	$\mathcal{O}(0; \{15^5, 10, 6, 5, 2^2\})$	72072
30	$\mathcal{O}(0; \{15^5, 10^3, 6\})$	288376
30	$\mathcal{O}(0; \{15^6, 5^2, 2^2\})$	288376
30	$\mathcal{O}(0; \{15^6, 10^2, 5\})$	1153416
30	$\mathcal{O}(0; \{15^7, 3, 2^2\})$	281736
30	$\mathcal{O}(0; \{15^7, 6^2\})$	556920
30	$\mathcal{O}(0; \{30, 5^3, 3^2, 2^7\})$	104
30	$\mathcal{O}(0; \{30, 5^3, 3^5, 2^3\})$	1144
30	$\mathcal{O}(0; \{30, 6, 5^3, 2^8\})$	104
30	$\mathcal{O}(0; \{30, 6, 5^3, 3^3, 2^4\})$	520
30	$\mathcal{O}(0; \{30, 6, 5^3, 3^6\})$	4472
30	$\mathcal{O}(0; \{30, 6, 5^8\})$	104856
30	$\mathcal{O}(0; \{30, 6^2, 5^3, 3, 2^5\})$	312
30	$\mathcal{O}(0; \{30, 6^2, 5^3, 3^4, 2\})$	2184
30	$\mathcal{O}(0; \{30, 6^3, 5^3, 3^2, 2^2\})$	1144
30	$\mathcal{O}(0; \{30, 6^4, 5^3, 2^3\})$	520
30	$\mathcal{O}(0; \{30, 6^5, 5^3, 3\})$	2184
30	$\mathcal{O}(0; \{30, 10, 3^2, 2^{10}\})$	8
30	$\mathcal{O}(0; \{30, 10, 3^5, 2^6\})$	88

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30, 10, 3^8, 2^2\})$	680
30	$\mathcal{O}(0; \{30, 10, 5^5, 3^2, 2^2\})$	6552
30	$\mathcal{O}(0; \{30, 10, 6, 2^{11}\})$	8
30	$\mathcal{O}(0; \{30, 10, 6, 3^3, 2^7\})$	40
30	$\mathcal{O}(0; \{30, 10, 6, 3^6, 2^3\})$	344
30	$\mathcal{O}(0; \{30, 10, 6, 5^5, 2^3\})$	6552
30	$\mathcal{O}(0; \{30, 10, 6^2, 3, 2^8\})$	24
30	$\mathcal{O}(0; \{30, 10, 6^2, 3^4, 2^4\})$	168
30	$\mathcal{O}(0; \{30, 10, 6^2, 3^7\})$	1368
30	$\mathcal{O}(0; \{30, 10, 6^2, 5^5, 3\})$	19656
30	$\mathcal{O}(0; \{30, 10, 6^3, 3^2, 2^5\})$	88
30	$\mathcal{O}(0; \{30, 10, 6^3, 3^5, 2\})$	680
30	$\mathcal{O}(0; \{30, 10, 6^4, 2^6\})$	40
30	$\mathcal{O}(0; \{30, 10, 6^4, 3^3, 2^2\})$	344
30	$\mathcal{O}(0; \{30, 10, 6^5, 3, 2^3\})$	168
30	$\mathcal{O}(0; \{30, 10, 6^6, 3^2\})$	680
30	$\mathcal{O}(0; \{30, 10, 6^7, 2\})$	344
30	$\mathcal{O}(0; \{30, 10^2, 5^2, 3^2, 2^5\})$	408
30	$\mathcal{O}(0; \{30, 10^2, 5^2, 3^5, 2\})$	4488
30	$\mathcal{O}(0; \{30, 10^2, 6, 5^2, 2^6\})$	408
30	$\mathcal{O}(0; \{30, 10^2, 6, 5^2, 3^3, 2^2\})$	2040
30	$\mathcal{O}(0; \{30, 10^2, 6^2, 5^2, 3, 2^3\})$	1224
30	$\mathcal{O}(0; \{30, 10^2, 6^3, 5^2, 3^2\})$	4488
30	$\mathcal{O}(0; \{30, 10^2, 6^4, 5^2, 2\})$	2040
30	$\mathcal{O}(0; \{30, 10^3, 5^4, 3^2\})$	26216
30	$\mathcal{O}(0; \{30, 10^3, 6, 5^4, 2\})$	26216
30	$\mathcal{O}(0; \{30, 10^4, 5, 3^2, 2^3\})$	1640
30	$\mathcal{O}(0; \{30, 10^4, 6, 5, 2^4\})$	1640
30	$\mathcal{O}(0; \{30, 10^4, 6, 5, 3^3\})$	8200
30	$\mathcal{O}(0; \{30, 10^4, 6^2, 5, 3, 2\})$	4920
30	$\mathcal{O}(0; \{30, 10^6, 3^2, 2\})$	6552
30	$\mathcal{O}(0; \{30, 10^6, 6, 2^2\})$	6552
30	$\mathcal{O}(0; \{30, 15, 5, 2^{11}\})$	24
30	$\mathcal{O}(0; \{30, 15, 5, 3^3, 2^7\})$	120
30	$\mathcal{O}(0; \{30, 15, 5, 3^6, 2^3\})$	1032
30	$\mathcal{O}(0; \{30, 15, 5^6, 2^3\})$	26216
30	$\mathcal{O}(0; \{30, 15, 6, 5, 3, 2^8\})$	72
30	$\mathcal{O}(0; \{30, 15, 6, 5, 3^4, 2^4\})$	504
30	$\mathcal{O}(0; \{30, 15, 6, 5, 3^7\})$	4104
30	$\mathcal{O}(0; \{30, 15, 6, 5^6, 3\})$	78648
30	$\mathcal{O}(0; \{30, 15, 6^2, 5, 3^2, 2^5\})$	264
30	$\mathcal{O}(0; \{30, 15, 6^2, 5, 3^5, 2\})$	2040
30	$\mathcal{O}(0; \{30, 15, 6^3, 5, 2^6\})$	120

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30, 15, 6^3, 5, 3^3, 2^2\})$	1032
30	$\mathcal{O}(0; \{30, 15, 6^4, 5, 3, 2^3\})$	504
30	$\mathcal{O}(0; \{30, 15, 6^5, 5, 3^2\})$	2040
30	$\mathcal{O}(0; \{30, 15, 6^6, 5, 2\})$	1032
30	$\mathcal{O}(0; \{30, 15, 10, 5^3, 2^6\})$	1640
30	$\mathcal{O}(0; \{30, 15, 10, 5^3, 3^3, 2^2\})$	8200
30	$\mathcal{O}(0; \{30, 15, 10, 6, 5^3, 3, 2^3\})$	4920
30	$\mathcal{O}(0; \{30, 15, 10, 6^2, 5^3, 3^2\})$	18040
30	$\mathcal{O}(0; \{30, 15, 10, 6^3, 5^3, 2\})$	8200
30	$\mathcal{O}(0; \{30, 15, 10^2, 2^9\})$	104
30	$\mathcal{O}(0; \{30, 15, 10^2, 3^3, 2^5\})$	520
30	$\mathcal{O}(0; \{30, 15, 10^2, 3^6, 2\})$	4472
30	$\mathcal{O}(0; \{30, 15, 10^2, 5^5, 2\})$	104856
30	$\mathcal{O}(0; \{30, 15, 10^2, 6, 3, 2^6\})$	312
30	$\mathcal{O}(0; \{30, 15, 10^2, 6, 3^4, 2^2\})$	2184
30	$\mathcal{O}(0; \{30, 15, 10^2, 6^2, 3^2, 2^3\})$	1144
30	$\mathcal{O}(0; \{30, 15, 10^2, 6^3, 2^4\})$	520
30	$\mathcal{O}(0; \{30, 15, 10^2, 6^3, 3^3\})$	4472
30	$\mathcal{O}(0; \{30, 15, 10^2, 6^4, 3, 2\})$	2184
30	$\mathcal{O}(0; \{30, 15, 10^3, 5^2, 2^4\})$	6552
30	$\mathcal{O}(0; \{30, 15, 10^3, 5^2, 3^3\})$	32760
30	$\mathcal{O}(0; \{30, 15, 10^3, 6, 5^2, 3, 2\})$	19656
30	$\mathcal{O}(0; \{30, 15, 10^5, 5, 2^2\})$	26216
30	$\mathcal{O}(0; \{30, 15, 10^7\})$	104856
30	$\mathcal{O}(0; \{30, 15^2, 5^4, 3, 2^3\})$	19656
30	$\mathcal{O}(0; \{30, 15^2, 6, 5^4, 3^2\})$	72072
30	$\mathcal{O}(0; \{30, 15^2, 6^2, 5^4, 2\})$	32760
30	$\mathcal{O}(0; \{30, 15^2, 10, 5, 3, 2^6\})$	1224
30	$\mathcal{O}(0; \{30, 15^2, 10, 5, 3^4, 2^2\})$	8568
30	$\mathcal{O}(0; \{30, 15^2, 10, 6, 5, 3^2, 2^3\})$	4488
30	$\mathcal{O}(0; \{30, 15^2, 10, 6^2, 5, 2^4\})$	2040
30	$\mathcal{O}(0; \{30, 15^2, 10, 6^2, 5, 3^3\})$	17544
30	$\mathcal{O}(0; \{30, 15^2, 10, 6^3, 5, 3, 2\})$	8568
30	$\mathcal{O}(0; \{30, 15^2, 10^2, 5^3, 3, 2\})$	78648
30	$\mathcal{O}(0; \{30, 15^2, 10^3, 3, 2^4\})$	4920
30	$\mathcal{O}(0; \{30, 15^2, 10^3, 3^4\})$	34440
30	$\mathcal{O}(0; \{30, 15^2, 10^3, 6, 3^2, 2\})$	18040
30	$\mathcal{O}(0; \{30, 15^2, 10^3, 6^2, 2^2\})$	8200
30	$\mathcal{O}(0; \{30, 15^3, 5^2, 3^2, 2^3\})$	18040
30	$\mathcal{O}(0; \{30, 15^3, 6, 5^2, 2^4\})$	8200
30	$\mathcal{O}(0; \{30, 15^3, 6, 5^2, 3^3\})$	70520
30	$\mathcal{O}(0; \{30, 15^3, 6^2, 5^2, 3, 2\})$	34440
30	$\mathcal{O}(0; \{30, 15^3, 10^2, 5, 3^2, 2\})$	72072

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30, 15^3, 10^2, 6, 5, 2^2\})$	32760
30	$\mathcal{O}(0; \{30, 15^3, 10^4, 6\})$	131080
30	$\mathcal{O}(0; \{30, 15^4, 2^7\})$	2040
30	$\mathcal{O}(0; \{30, 15^4, 3^3, 2^3\})$	17544
30	$\mathcal{O}(0; \{30, 15^4, 6, 3, 2^4\})$	8568
30	$\mathcal{O}(0; \{30, 15^4, 6, 3^4\})$	69768
30	$\mathcal{O}(0; \{30, 15^4, 6^2, 3^2, 2\})$	34680
30	$\mathcal{O}(0; \{30, 15^4, 6^3, 2^2\})$	17544
30	$\mathcal{O}(0; \{30, 15^4, 10, 5^2, 2^2\})$	131080
30	$\mathcal{O}(0; \{30, 15^4, 10^3, 5\})$	524280
30	$\mathcal{O}(0; \{30, 15^5, 10, 3, 2^2\})$	137592
30	$\mathcal{O}(0; \{30, 15^5, 10, 6^2\})$	281736
30	$\mathcal{O}(0; \{30, 15^6, 6, 5\})$	1127288
30	$\mathcal{O}(0; \{30^2, 5^2, 3, 2^8\})$	104
30	$\mathcal{O}(0; \{30^2, 5^2, 3^4, 2^4\})$	1144
30	$\mathcal{O}(0; \{30^2, 5^2, 3^7\})$	8840
30	$\mathcal{O}(0; \{30^2, 5^7, 3\})$	104856
30	$\mathcal{O}(0; \{30^2, 6, 5^2, 3^2, 2^5\})$	520
30	$\mathcal{O}(0; \{30^2, 6, 5^2, 3^5, 2\})$	4472
30	$\mathcal{O}(0; \{30^2, 6^2, 5^2, 2^6\})$	312
30	$\mathcal{O}(0; \{30^2, 6^2, 5^2, 3^3, 2^2\})$	2184
30	$\mathcal{O}(0; \{30^2, 6^3, 5^2, 3, 2^3\})$	1144
30	$\mathcal{O}(0; \{30^2, 6^4, 5^2, 3^2\})$	4472
30	$\mathcal{O}(0; \{30^2, 6^5, 5^2, 2\})$	2184
30	$\mathcal{O}(0; \{30^2, 10, 5^4, 3, 2^3\})$	6552
30	$\mathcal{O}(0; \{30^2, 10, 6, 5^4, 3^2\})$	32760
30	$\mathcal{O}(0; \{30^2, 10, 6^2, 5^4, 2\})$	19656
30	$\mathcal{O}(0; \{30^2, 10^2, 5, 3, 2^6\})$	408
30	$\mathcal{O}(0; \{30^2, 10^2, 5, 3^4, 2^2\})$	4488
30	$\mathcal{O}(0; \{30^2, 10^2, 6, 5, 3^2, 2^3\})$	2040
30	$\mathcal{O}(0; \{30^2, 10^2, 6^2, 5, 2^4\})$	1224
30	$\mathcal{O}(0; \{30^2, 10^2, 6^2, 5, 3^3\})$	8568
30	$\mathcal{O}(0; \{30^2, 10^2, 6^3, 5, 3, 2\})$	4488
30	$\mathcal{O}(0; \{30^2, 10^3, 5^3, 3, 2\})$	26216
30	$\mathcal{O}(0; \{30^2, 10^4, 3, 2^4\})$	1640
30	$\mathcal{O}(0; \{30^2, 10^4, 3^4\})$	18040
30	$\mathcal{O}(0; \{30^2, 10^4, 6, 3^2, 2\})$	8200
30	$\mathcal{O}(0; \{30^2, 10^4, 6^2, 2^2\})$	4920
30	$\mathcal{O}(0; \{30^2, 15, 3^2, 2^8\})$	120
30	$\mathcal{O}(0; \{30^2, 15, 3^5, 2^4\})$	1032
30	$\mathcal{O}(0; \{30^2, 15, 3^8\})$	8184
30	$\mathcal{O}(0; \{30^2, 15, 5^5, 3^2\})$	131080
30	$\mathcal{O}(0; \{30^2, 15, 6, 2^9\})$	72

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30^2, 15, 6, 3^3, 2^5\})$	504
30	$\mathcal{O}(0; \{30^2, 15, 6, 3^6, 2\})$	4104
30	$\mathcal{O}(0; \{30^2, 15, 6, 5^5, 2\})$	78648
30	$\mathcal{O}(0; \{30^2, 15, 6^2, 3, 2^6\})$	264
30	$\mathcal{O}(0; \{30^2, 15, 6^2, 3^4, 2^2\})$	2040
30	$\mathcal{O}(0; \{30^2, 15, 6^3, 3^2, 2^3\})$	1032
30	$\mathcal{O}(0; \{30^2, 15, 6^4, 2^4\})$	504
30	$\mathcal{O}(0; \{30^2, 15, 6^4, 3^3\})$	4104
30	$\mathcal{O}(0; \{30^2, 15, 6^5, 3, 2\})$	2040
30	$\mathcal{O}(0; \{30^2, 15, 10, 5^2, 3^2, 2^3\})$	8200
30	$\mathcal{O}(0; \{30^2, 15, 10, 6, 5^2, 2^4\})$	4920
30	$\mathcal{O}(0; \{30^2, 15, 10, 6, 5^2, 3^3\})$	34440
30	$\mathcal{O}(0; \{30^2, 15, 10, 6^2, 5^2, 3, 2\})$	18040
30	$\mathcal{O}(0; \{30^2, 15, 10^3, 5, 3^2, 2\})$	32760
30	$\mathcal{O}(0; \{30^2, 15, 10^3, 6, 5, 2^2\})$	19656
30	$\mathcal{O}(0; \{30^2, 15, 10^5, 6\})$	78648
30	$\mathcal{O}(0; \{30^2, 15^2, 5^3, 2^4\})$	19656
30	$\mathcal{O}(0; \{30^2, 15^2, 5^3, 3^3\})$	137592
30	$\mathcal{O}(0; \{30^2, 15^2, 6, 5^3, 3, 2\})$	72072
30	$\mathcal{O}(0; \{30^2, 15^2, 10, 2^7\})$	1224
30	$\mathcal{O}(0; \{30^2, 15^2, 10, 3^3, 2^3\})$	8568
30	$\mathcal{O}(0; \{30^2, 15^2, 10, 6, 3, 2^4\})$	4488
30	$\mathcal{O}(0; \{30^2, 15^2, 10, 6, 3^4\})$	34680
30	$\mathcal{O}(0; \{30^2, 15^2, 10, 6^2, 3^2, 2\})$	17544
30	$\mathcal{O}(0; \{30^2, 15^2, 10, 6^3, 2^2\})$	8568
30	$\mathcal{O}(0; \{30^2, 15^2, 10^2, 5^2, 2^2\})$	78648
30	$\mathcal{O}(0; \{30^2, 15^2, 10^4, 5\})$	314568
30	$\mathcal{O}(0; \{30^2, 15^3, 5, 3, 2^4\})$	18040
30	$\mathcal{O}(0; \{30^2, 15^3, 5, 3^4\})$	139400
30	$\mathcal{O}(0; \{30^2, 15^3, 6, 5, 3^2, 2\})$	70520
30	$\mathcal{O}(0; \{30^2, 15^3, 6^2, 5, 2^2\})$	34440
30	$\mathcal{O}(0; \{30^2, 15^3, 10^2, 3, 2^2\})$	72072
30	$\mathcal{O}(0; \{30^2, 15^3, 10^2, 6^2\})$	137592
30	$\mathcal{O}(0; \{30^2, 15^4, 10, 6, 5\})$	550536
30	$\mathcal{O}(0; \{30^2, 15^5, 5^2\})$	2201976
30	$\mathcal{O}(0; \{30^2, 15^6, 3\})$	2228360
30	$\mathcal{O}(0; \{30^3, 5, 2^9\})$	104
30	$\mathcal{O}(0; \{30^3, 5, 3^3, 2^5\})$	1144
30	$\mathcal{O}(0; \{30^3, 5, 3^6, 2\})$	8840
30	$\mathcal{O}(0; \{30^3, 5^6, 2\})$	104856
30	$\mathcal{O}(0; \{30^3, 6, 5, 3, 2^6\})$	520
30	$\mathcal{O}(0; \{30^3, 6, 5, 3^4, 2^2\})$	4472
30	$\mathcal{O}(0; \{30^3, 6^2, 5, 3^2, 2^3\})$	2184

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30^3, 6^3, 5, 2^4\})$	1144
30	$\mathcal{O}(0; \{30^3, 6^3, 5, 3^3\})$	8840
30	$\mathcal{O}(0; \{30^3, 6^4, 5, 3, 2\})$	4472
30	$\mathcal{O}(0; \{30^3, 10, 5^3, 2^4\})$	6552
30	$\mathcal{O}(0; \{30^3, 10, 5^3, 3^3\})$	72072
30	$\mathcal{O}(0; \{30^3, 10, 6, 5^3, 3, 2\})$	32760
30	$\mathcal{O}(0; \{30^3, 10^2, 2^7\})$	408
30	$\mathcal{O}(0; \{30^3, 10^2, 3^3, 2^3\})$	4488
30	$\mathcal{O}(0; \{30^3, 10^2, 6, 3, 2^4\})$	2040
30	$\mathcal{O}(0; \{30^3, 10^2, 6, 3^4\})$	17544
30	$\mathcal{O}(0; \{30^3, 10^2, 6^2, 3^2, 2\})$	8568
30	$\mathcal{O}(0; \{30^3, 10^2, 6^3, 2^2\})$	4488
30	$\mathcal{O}(0; \{30^3, 10^3, 5^2, 2^2\})$	26216
30	$\mathcal{O}(0; \{30^3, 10^5, 5\})$	104856
30	$\mathcal{O}(0; \{30^3, 15, 5^4, 3, 2\})$	131080
30	$\mathcal{O}(0; \{30^3, 15, 10, 5, 3, 2^4\})$	8200
30	$\mathcal{O}(0; \{30^3, 15, 10, 5, 3^4\})$	70520
30	$\mathcal{O}(0; \{30^3, 15, 10, 6, 5, 3^2, 2\})$	34440
30	$\mathcal{O}(0; \{30^3, 15, 10, 6^2, 5, 2^2\})$	18040
30	$\mathcal{O}(0; \{30^3, 15, 10^3, 3, 2^2\})$	32760
30	$\mathcal{O}(0; \{30^3, 15, 10^3, 6^2\})$	72072
30	$\mathcal{O}(0; \{30^3, 15^2, 5^2, 3^2, 2\})$	137592
30	$\mathcal{O}(0; \{30^3, 15^2, 6, 5^2, 2^2\})$	72072
30	$\mathcal{O}(0; \{30^3, 15^2, 10^2, 6, 5\})$	288376
30	$\mathcal{O}(0; \{30^3, 15^3, 2^5\})$	18040
30	$\mathcal{O}(0; \{30^3, 15^3, 3^3, 2\})$	139400
30	$\mathcal{O}(0; \{30^3, 15^3, 6, 3, 2^2\})$	70520
30	$\mathcal{O}(0; \{30^3, 15^3, 6^3\})$	139400
30	$\mathcal{O}(0; \{30^3, 15^3, 10, 5^2\})$	1153416
30	$\mathcal{O}(0; \{30^3, 15^4, 10, 3\})$	1127288
30	$\mathcal{O}(0; \{30^4, 3^2, 2^6\})$	1144
30	$\mathcal{O}(0; \{30^4, 3^5, 2^2\})$	8840
30	$\mathcal{O}(0; \{30^4, 6, 2^7\})$	520
30	$\mathcal{O}(0; \{30^4, 6, 3^3, 2^3\})$	4472
30	$\mathcal{O}(0; \{30^4, 6^2, 3, 2^4\})$	2184
30	$\mathcal{O}(0; \{30^4, 6^2, 3^4\})$	17784
30	$\mathcal{O}(0; \{30^4, 6^3, 3^2, 2\})$	8840
30	$\mathcal{O}(0; \{30^4, 6^4, 2^2\})$	4472
30	$\mathcal{O}(0; \{30^4, 10, 5^2, 3^2, 2\})$	72072
30	$\mathcal{O}(0; \{30^4, 10, 6, 5^2, 2^2\})$	32760
30	$\mathcal{O}(0; \{30^4, 10^3, 6, 5\})$	131080
30	$\mathcal{O}(0; \{30^4, 15, 5^3, 2^2\})$	131080
30	$\mathcal{O}(0; \{30^4, 15, 10, 2^5\})$	8200

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30^4, 15, 10, 3^3, 2\})$	70520
30	$\mathcal{O}(0; \{30^4, 15, 10, 6, 3, 2^2\})$	34440
30	$\mathcal{O}(0; \{30^4, 15, 10, 6^3\})$	70520
30	$\mathcal{O}(0; \{30^4, 15, 10^2, 5^2\})$	524280
30	$\mathcal{O}(0; \{30^4, 15^2, 5, 3, 2^2\})$	137592
30	$\mathcal{O}(0; \{30^4, 15^2, 6^2, 5\})$	281736
30	$\mathcal{O}(0; \{30^4, 15^2, 10^2, 3\})$	550536
30	$\mathcal{O}(0; \{30^5, 10, 5, 3, 2^2\})$	72072
30	$\mathcal{O}(0; \{30^5, 10, 6^2, 5\})$	137592
30	$\mathcal{O}(0; \{30^5, 10^3, 3\})$	288376
30	$\mathcal{O}(0; \{30^5, 15, 6, 5^2\})$	550536
30	$\mathcal{O}(0; \{30^5, 15^2, 2^3\})$	137592
30	$\mathcal{O}(0; \{30^5, 15^2, 6, 3\})$	556920
30	$\mathcal{O}(0; \{30^6, 5^3\})$	1153416
30	$\mathcal{O}(0; \{30^6, 10, 2^3\})$	72072
30	$\mathcal{O}(0; \{30^6, 10, 6, 3\})$	281736
30	$\mathcal{O}(0; \{30^6, 15, 5, 3\})$	1127288
30	$\mathcal{O}(0; \{30^7, 15, 2\})$	1127288
31	$\mathcal{O}(4; \emptyset)$	852891037440
32	$\mathcal{O}(2; \{32^2, 8, 2^2\})$	67108864
32	$\mathcal{O}(2; \{32^2, 16^2\})$	1073741824
32	$\mathcal{O}(1; \{32^2, 8, 2^6\})$	65536
32	$\mathcal{O}(1; \{32^2, 8, 4^2, 2^3\})$	262144
32	$\mathcal{O}(1; \{32^2, 8, 4^4\})$	1048576
32	$\mathcal{O}(1; \{32^2, 8^3, 4, 2\})$	2097152
32	$\mathcal{O}(1; \{32^2, 16^2, 2^4\})$	1048576
32	$\mathcal{O}(1; \{32^2, 16^2, 4^2, 2\})$	4194304
32	$\mathcal{O}(1; \{32^4, 16, 2^2\})$	33554432
32	$\mathcal{O}(1; \{32^6\})$	1073741824
32	$\mathcal{O}(0; \{32^2, 8, 2^{10}\})$	64
32	$\mathcal{O}(0; \{32^2, 8, 4^2, 2^7\})$	256
32	$\mathcal{O}(0; \{32^2, 8, 4^4, 2^4\})$	1024
32	$\mathcal{O}(0; \{32^2, 8, 4^6, 2\})$	4096
32	$\mathcal{O}(0; \{32^2, 8^3, 4, 2^5\})$	2048
32	$\mathcal{O}(0; \{32^2, 8^3, 4^3, 2^2\})$	8192
32	$\mathcal{O}(0; \{32^2, 8^5, 2^3\})$	16384
32	$\mathcal{O}(0; \{32^2, 8^5, 4^2\})$	65536
32	$\mathcal{O}(0; \{32^2, 16^2, 2^8\})$	1024
32	$\mathcal{O}(0; \{32^2, 16^2, 4^2, 2^5\})$	4096
32	$\mathcal{O}(0; \{32^2, 16^2, 4^4, 2^2\})$	16384
32	$\mathcal{O}(0; \{32^2, 16^2, 8^2, 4, 2^3\})$	32768
32	$\mathcal{O}(0; \{32^2, 16^2, 8^2, 4^3\})$	131072
32	$\mathcal{O}(0; \{32^2, 16^2, 8^4, 2\})$	262144

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
32	$\mathcal{O}(0; \{32^2, 16^4, 8, 4, 2\})$	524288
32	$\mathcal{O}(0; \{32^4, 16, 2^6\})$	32768
32	$\mathcal{O}(0; \{32^4, 16, 4^2, 2^3\})$	131072
32	$\mathcal{O}(0; \{32^4, 16, 4^4\})$	524288
32	$\mathcal{O}(0; \{32^4, 16, 8^2, 4, 2\})$	1048576
32	$\mathcal{O}(0; \{32^6, 2^4\})$	1048576
32	$\mathcal{O}(0; \{32^6, 4^2, 2\})$	4194304
33	$\mathcal{O}(2; \{11^4\})$	1065864800
33	$\mathcal{O}(1; \{11^4, 3^3\})$	1981980
33	$\mathcal{O}(1; \{33^3, 11^3\})$	198001980
33	$\mathcal{O}(0; \{11^4, 3^6\})$	20020
33	$\mathcal{O}(0; \{33^3, 11^3, 3^3\})$	2000020
33	$\mathcal{O}(0; \{33^6, 11^2\})$	200000020
35	$\mathcal{O}(2; \{7^2, 5^2\})$	36015000
35	$\mathcal{O}(1; \{35^2, 7^3, 5\})$	16317000
35	$\mathcal{O}(1; \{35^3, 5^3\})$	30135000
35	$\mathcal{O}(0; \{7^2, 5^7\})$	19656
35	$\mathcal{O}(0; \{35^4, 7^4\})$	12477192
35	$\mathcal{O}(0; \{35^5, 7, 5^2\})$	21837816
36	$\mathcal{O}(2; \{6^2, 4^2\})$	6635520
36	$\mathcal{O}(2; \{12, 6, 4, 3\})$	6635520
36	$\mathcal{O}(2; \{12^2, 3^2\})$	19906560
36	$\mathcal{O}(2; \{12^2, 6, 2\})$	6635520
36	$\mathcal{O}(2; \{36, 18, 4, 2\})$	20155392
36	$\mathcal{O}(1; \{4^2, 3^4, 2^2\})$	13824
36	$\mathcal{O}(1; \{6, 4^2, 3^2, 2^3\})$	4608
36	$\mathcal{O}(1; \{6, 4^4, 3^2\})$	18432
36	$\mathcal{O}(1; \{6^2, 4^2, 2^4\})$	4608
36	$\mathcal{O}(1; \{6^2, 4^2, 3^3\})$	23040
36	$\mathcal{O}(1; \{6^2, 4^4, 2\})$	18432
36	$\mathcal{O}(1; \{6^3, 4^2, 3, 2\})$	13824
36	$\mathcal{O}(1; \{9^3, 4^2, 2^2\})$	46656
36	$\mathcal{O}(1; \{12, 4, 3^3, 2^3\})$	13824
36	$\mathcal{O}(1; \{12, 4^3, 3^3\})$	55296
36	$\mathcal{O}(1; \{12, 6, 4, 3, 2^4\})$	4608
36	$\mathcal{O}(1; \{12, 6, 4, 3^4\})$	50688
36	$\mathcal{O}(1; \{12, 6, 4^3, 3, 2\})$	18432
36	$\mathcal{O}(1; \{12, 6^2, 4, 3^2, 2\})$	23040
36	$\mathcal{O}(1; \{12, 6^3, 4, 2^2\})$	13824
36	$\mathcal{O}(1; \{12, 9^3, 6, 4\})$	186624
36	$\mathcal{O}(1; \{12^2, 3^2, 2^4\})$	13824
36	$\mathcal{O}(1; \{12^2, 3^5\})$	96768
36	$\mathcal{O}(1; \{12^2, 4^2, 3^2, 2\})$	55296

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(1; \{12^2, 6, 2^3\})$	4608
36	$\mathcal{O}(1; \{12^2, 6, 3^3, 2\})$	50688
36	$\mathcal{O}(1; \{12^2, 6, 4^2, 2^2\})$	18432
36	$\mathcal{O}(1; \{12^2, 6^2, 3, 2^2\})$	23040
36	$\mathcal{O}(1; \{12^2, 6^4\})$	50688
36	$\mathcal{O}(1; \{12^2, 9^3, 3\})$	373248
36	$\mathcal{O}(1; \{12^3, 4, 3, 2^2\})$	55296
36	$\mathcal{O}(1; \{12^3, 6^2, 4\})$	92160
36	$\mathcal{O}(1; \{12^4, 2^3\})$	55296
36	$\mathcal{O}(1; \{12^4, 4^2\})$	221184
36	$\mathcal{O}(1; \{12^4, 6, 3\})$	202752
36	$\mathcal{O}(1; \{18, 9, 4^2, 3^2, 2\})$	62208
36	$\mathcal{O}(1; \{18, 9, 6, 4^2, 2^2\})$	31104
36	$\mathcal{O}(1; \{18, 12, 9, 4, 3, 2^2\})$	62208
36	$\mathcal{O}(1; \{18, 12, 9, 6^2, 4\})$	124416
36	$\mathcal{O}(1; \{18, 12^2, 9, 2^3\})$	62208
36	$\mathcal{O}(1; \{18, 12^2, 9, 4^2\})$	248832
36	$\mathcal{O}(1; \{18, 12^2, 9, 6, 3\})$	248832
36	$\mathcal{O}(1; \{18^2, 9^2, 4^2\})$	419904
36	$\mathcal{O}(1; \{18^3, 6, 4^2\})$	93312
36	$\mathcal{O}(1; \{18^3, 12, 4, 3\})$	186624
36	$\mathcal{O}(1; \{18^3, 12^2, 2\})$	186624
36	$\mathcal{O}(1; \{36, 9^2, 4, 3, 2^2\})$	93312
36	$\mathcal{O}(1; \{36, 9^2, 6^2, 4\})$	186624
36	$\mathcal{O}(1; \{36, 12, 9^2, 2^3\})$	93312
36	$\mathcal{O}(1; \{36, 12, 9^2, 4^2\})$	373248
36	$\mathcal{O}(1; \{36, 12, 9^2, 6, 3\})$	373248
36	$\mathcal{O}(1; \{36, 18, 4, 2^5\})$	15552
36	$\mathcal{O}(1; \{36, 18, 4, 3^3, 2\})$	124416
36	$\mathcal{O}(1; \{36, 18, 4^3, 2^2\})$	62208
36	$\mathcal{O}(1; \{36, 18, 6, 4, 3, 2^2\})$	62208
36	$\mathcal{O}(1; \{36, 18, 6^3, 4\})$	124416
36	$\mathcal{O}(1; \{36, 18, 12, 3^2, 2^2\})$	124416
36	$\mathcal{O}(1; \{36, 18, 12, 6, 2^3\})$	62208
36	$\mathcal{O}(1; \{36, 18, 12, 6, 4^2\})$	248832
36	$\mathcal{O}(1; \{36, 18, 12, 6^2, 3\})$	248832
36	$\mathcal{O}(1; \{36, 18, 12^2, 4, 3\})$	497664
36	$\mathcal{O}(1; \{36, 18, 12^3, 2\})$	497664
36	$\mathcal{O}(1; \{36, 18^2, 9, 4, 3\})$	839808
36	$\mathcal{O}(1; \{36, 18^2, 12, 9, 2\})$	839808
36	$\mathcal{O}(1; \{36^2, 9, 3^2, 2^2\})$	186624
36	$\mathcal{O}(1; \{36^2, 9, 6, 2^3\})$	93312
36	$\mathcal{O}(1; \{36^2, 9, 6, 4^2\})$	373248

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(1; \{36^2, 9, 6^2, 3\})$	373248
36	$\mathcal{O}(1; \{36^2, 12, 9, 4, 3\})$	746496
36	$\mathcal{O}(1; \{36^2, 12^2, 9, 2\})$	746496
36	$\mathcal{O}(1; \{36^2, 18, 9^2, 2\})$	2099520
36	$\mathcal{O}(1; \{36^2, 18^2, 3^2\})$	1679616
36	$\mathcal{O}(1; \{36^2, 18^2, 6, 2\})$	839808
36	$\mathcal{O}(1; \{36^3, 4, 2^3\})$	186624
36	$\mathcal{O}(1; \{36^3, 4^3\})$	746496
36	$\mathcal{O}(1; \{36^3, 6, 4, 3\})$	746496
36	$\mathcal{O}(1; \{36^3, 12, 3^2\})$	1492992
36	$\mathcal{O}(1; \{36^3, 12, 6, 2\})$	746496
36	$\mathcal{O}(0; \{9^3, 4^2, 2^6\})$	36
36	$\mathcal{O}(0; \{9^3, 4^2, 3^3, 2^2\})$	288
36	$\mathcal{O}(0; \{9^3, 4^4, 2^3\})$	144
36	$\mathcal{O}(0; \{9^3, 4^6\})$	576
36	$\mathcal{O}(0; \{9^3, 6, 4^2, 3, 2^3\})$	144
36	$\mathcal{O}(0; \{9^3, 6, 4^4, 3\})$	576
36	$\mathcal{O}(0; \{9^3, 6^2, 4^2, 3^2\})$	576
36	$\mathcal{O}(0; \{9^3, 6^3, 4^2, 2\})$	288
36	$\mathcal{O}(0; \{12, 9^3, 4, 3^2, 2^3\})$	288
36	$\mathcal{O}(0; \{12, 9^3, 4^3, 3^2\})$	1152
36	$\mathcal{O}(0; \{12, 9^3, 6, 4, 2^4\})$	144
36	$\mathcal{O}(0; \{12, 9^3, 6, 4, 3^3\})$	1152
36	$\mathcal{O}(0; \{12, 9^3, 6, 4^3, 2\})$	576
36	$\mathcal{O}(0; \{12, 9^3, 6^2, 4, 3, 2\})$	576
36	$\mathcal{O}(0; \{12^2, 9^3, 3, 2^4\})$	288
36	$\mathcal{O}(0; \{12^2, 9^3, 3^4\})$	2304
36	$\mathcal{O}(0; \{12^2, 9^3, 4^2, 3, 2\})$	1152
36	$\mathcal{O}(0; \{12^2, 9^3, 6, 3^2, 2\})$	1152
36	$\mathcal{O}(0; \{12^2, 9^3, 6^2, 2^2\})$	576
36	$\mathcal{O}(0; \{12^2, 9^6\})$	42768
36	$\mathcal{O}(0; \{12^3, 9^3, 4, 2^2\})$	1152
36	$\mathcal{O}(0; \{12^4, 9^3, 6\})$	4608
36	$\mathcal{O}(0; \{18, 9, 4^2, 3^2, 2^5\})$	48
36	$\mathcal{O}(0; \{18, 9, 4^2, 3^5, 2\})$	384
36	$\mathcal{O}(0; \{18, 9, 4^4, 3^2, 2^2\})$	192
36	$\mathcal{O}(0; \{18, 9, 6, 4^2, 2^6\})$	24
36	$\mathcal{O}(0; \{18, 9, 6, 4^2, 3^3, 2^2\})$	192
36	$\mathcal{O}(0; \{18, 9, 6, 4^4, 2^3\})$	96
36	$\mathcal{O}(0; \{18, 9, 6, 4^6\})$	384
36	$\mathcal{O}(0; \{18, 9, 6^2, 4^2, 3, 2^3\})$	96
36	$\mathcal{O}(0; \{18, 9, 6^2, 4^4, 3\})$	384
36	$\mathcal{O}(0; \{18, 9, 6^3, 4^2, 3^2\})$	384

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{18, 9, 6^4, 4^2, 2\})$	192
36	$\mathcal{O}(0; \{18, 9^4, 4^2, 3, 2\})$	3240
36	$\mathcal{O}(0; \{18, 12, 9, 4, 3, 2^6\})$	48
36	$\mathcal{O}(0; \{18, 12, 9, 4, 3^4, 2^2\})$	384
36	$\mathcal{O}(0; \{18, 12, 9, 4^3, 3, 2^3\})$	192
36	$\mathcal{O}(0; \{18, 12, 9, 4^5, 3\})$	768
36	$\mathcal{O}(0; \{18, 12, 9, 6, 4, 3^2, 2^3\})$	192
36	$\mathcal{O}(0; \{18, 12, 9, 6, 4^3, 3^2\})$	768
36	$\mathcal{O}(0; \{18, 12, 9, 6^2, 4, 2^4\})$	96
36	$\mathcal{O}(0; \{18, 12, 9, 6^2, 4, 3^3\})$	768
36	$\mathcal{O}(0; \{18, 12, 9, 6^2, 4^3, 2\})$	384
36	$\mathcal{O}(0; \{18, 12, 9, 6^3, 4, 3, 2\})$	384
36	$\mathcal{O}(0; \{18, 12, 9^4, 4, 2^2\})$	3240
36	$\mathcal{O}(0; \{18, 12^2, 9, 2^7\})$	48
36	$\mathcal{O}(0; \{18, 12^2, 9, 3^3, 2^3\})$	384
36	$\mathcal{O}(0; \{18, 12^2, 9, 4^2, 2^4\})$	192
36	$\mathcal{O}(0; \{18, 12^2, 9, 4^2, 3^3\})$	1536
36	$\mathcal{O}(0; \{18, 12^2, 9, 4^4, 2\})$	768
36	$\mathcal{O}(0; \{18, 12^2, 9, 6, 3, 2^4\})$	192
36	$\mathcal{O}(0; \{18, 12^2, 9, 6, 3^4\})$	1536
36	$\mathcal{O}(0; \{18, 12^2, 9, 6, 4^2, 3, 2\})$	768
36	$\mathcal{O}(0; \{18, 12^2, 9, 6^2, 3^2, 2\})$	768
36	$\mathcal{O}(0; \{18, 12^2, 9, 6^3, 2^2\})$	384
36	$\mathcal{O}(0; \{18, 12^2, 9^4, 6\})$	12960
36	$\mathcal{O}(0; \{18, 12^3, 9, 4, 3^2, 2\})$	1536
36	$\mathcal{O}(0; \{18, 12^3, 9, 6, 4, 2^2\})$	768
36	$\mathcal{O}(0; \{18, 12^4, 9, 3, 2^2\})$	1536
36	$\mathcal{O}(0; \{18, 12^4, 9, 6^2\})$	3072
36	$\mathcal{O}(0; \{18, 12^5, 9, 4\})$	6144
36	$\mathcal{O}(0; \{18^2, 9^2, 4^2, 2^4\})$	324
36	$\mathcal{O}(0; \{18^2, 9^2, 4^2, 3^3\})$	2592
36	$\mathcal{O}(0; \{18^2, 9^2, 4^4, 2\})$	1296
36	$\mathcal{O}(0; \{18^2, 9^2, 6, 4^2, 3, 2\})$	1296
36	$\mathcal{O}(0; \{18^2, 12, 9^2, 4, 3^2, 2\})$	2592
36	$\mathcal{O}(0; \{18^2, 12, 9^2, 6, 4, 2^2\})$	1296
36	$\mathcal{O}(0; \{18^2, 12^2, 9^2, 3, 2^2\})$	2592
36	$\mathcal{O}(0; \{18^2, 12^2, 9^2, 6^2\})$	5184
36	$\mathcal{O}(0; \{18^2, 12^3, 9^2, 4\})$	10368
36	$\mathcal{O}(0; \{18^3, 4^2, 3^2, 2^3\})$	144
36	$\mathcal{O}(0; \{18^3, 4^4, 3^2\})$	576
36	$\mathcal{O}(0; \{18^3, 6, 4^2, 2^4\})$	72
36	$\mathcal{O}(0; \{18^3, 6, 4^2, 3^3\})$	576
36	$\mathcal{O}(0; \{18^3, 6, 4^4, 2\})$	288

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{18^3, 6^2, 4^2, 3, 2\})$	288
36	$\mathcal{O}(0; \{18^3, 12, 4, 3, 2^4\})$	144
36	$\mathcal{O}(0; \{18^3, 12, 4, 3^4\})$	1152
36	$\mathcal{O}(0; \{18^3, 12, 4^3, 3, 2\})$	576
36	$\mathcal{O}(0; \{18^3, 12, 6, 4, 3^2, 2\})$	576
36	$\mathcal{O}(0; \{18^3, 12, 6^2, 4, 2^2\})$	288
36	$\mathcal{O}(0; \{18^3, 12, 9^3, 4\})$	21384
36	$\mathcal{O}(0; \{18^3, 12^2, 2^5\})$	144
36	$\mathcal{O}(0; \{18^3, 12^2, 3^3, 2\})$	1152
36	$\mathcal{O}(0; \{18^3, 12^2, 4^2, 2^2\})$	576
36	$\mathcal{O}(0; \{18^3, 12^2, 6, 3, 2^2\})$	576
36	$\mathcal{O}(0; \{18^3, 12^2, 6^3\})$	1152
36	$\mathcal{O}(0; \{18^3, 12^3, 6, 4\})$	2304
36	$\mathcal{O}(0; \{18^3, 12^4, 3\})$	4608
36	$\mathcal{O}(0; \{18^4, 9, 4^2, 2^2\})$	1620
36	$\mathcal{O}(0; \{18^4, 12, 9, 6, 4\})$	6480
36	$\mathcal{O}(0; \{18^4, 12^2, 9, 3\})$	12960
36	$\mathcal{O}(0; \{18^6, 4^2\})$	10692
36	$\mathcal{O}(0; \{36, 9^2, 4, 3, 2^6\})$	72
36	$\mathcal{O}(0; \{36, 9^2, 4, 3^4, 2^2\})$	576
36	$\mathcal{O}(0; \{36, 9^2, 4^3, 3, 2^3\})$	288
36	$\mathcal{O}(0; \{36, 9^2, 4^5, 3\})$	1152
36	$\mathcal{O}(0; \{36, 9^2, 6, 4, 3^2, 2^3\})$	288
36	$\mathcal{O}(0; \{36, 9^2, 6, 4^3, 3^2\})$	1152
36	$\mathcal{O}(0; \{36, 9^2, 6^2, 4, 2^4\})$	144
36	$\mathcal{O}(0; \{36, 9^2, 6^2, 4, 3^3\})$	1152
36	$\mathcal{O}(0; \{36, 9^2, 6^2, 4^3, 2\})$	576
36	$\mathcal{O}(0; \{36, 9^2, 6^3, 4, 3, 2\})$	576
36	$\mathcal{O}(0; \{36, 9^5, 4, 2^2\})$	10692
36	$\mathcal{O}(0; \{36, 12, 9^2, 2^7\})$	72
36	$\mathcal{O}(0; \{36, 12, 9^2, 3^3, 2^3\})$	576
36	$\mathcal{O}(0; \{36, 12, 9^2, 4^2, 2^4\})$	288
36	$\mathcal{O}(0; \{36, 12, 9^2, 4^2, 3^3\})$	2304
36	$\mathcal{O}(0; \{36, 12, 9^2, 4^4, 2\})$	1152
36	$\mathcal{O}(0; \{36, 12, 9^2, 6, 3, 2^4\})$	288
36	$\mathcal{O}(0; \{36, 12, 9^2, 6, 3^4\})$	2304
36	$\mathcal{O}(0; \{36, 12, 9^2, 6, 4^2, 3, 2\})$	1152
36	$\mathcal{O}(0; \{36, 12, 9^2, 6^2, 3^2, 2\})$	1152
36	$\mathcal{O}(0; \{36, 12, 9^2, 6^3, 2^2\})$	576
36	$\mathcal{O}(0; \{36, 12, 9^5, 6\})$	42768
36	$\mathcal{O}(0; \{36, 12^2, 9^2, 4, 3^2, 2\})$	2304
36	$\mathcal{O}(0; \{36, 12^2, 9^2, 6, 4, 2^2\})$	1152
36	$\mathcal{O}(0; \{36, 12^3, 9^2, 3, 2^2\})$	2304

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36, 12^3, 9^2, 6^2\})$	4608
36	$\mathcal{O}(0; \{36, 12^4, 9^2, 4\})$	9216
36	$\mathcal{O}(0; \{36, 18, 4, 2^9\})$	12
36	$\mathcal{O}(0; \{36, 18, 4, 3^3, 2^5\})$	96
36	$\mathcal{O}(0; \{36, 18, 4, 3^6, 2\})$	768
36	$\mathcal{O}(0; \{36, 18, 4^3, 2^6\})$	48
36	$\mathcal{O}(0; \{36, 18, 4^3, 3^3, 2^2\})$	384
36	$\mathcal{O}(0; \{36, 18, 4^5, 2^3\})$	192
36	$\mathcal{O}(0; \{36, 18, 4^7\})$	768
36	$\mathcal{O}(0; \{36, 18, 6, 4, 3, 2^6\})$	48
36	$\mathcal{O}(0; \{36, 18, 6, 4, 3^4, 2^2\})$	384
36	$\mathcal{O}(0; \{36, 18, 6, 4^3, 3, 2^3\})$	192
36	$\mathcal{O}(0; \{36, 18, 6, 4^5, 3\})$	768
36	$\mathcal{O}(0; \{36, 18, 6^2, 4, 3^2, 2^3\})$	192
36	$\mathcal{O}(0; \{36, 18, 6^2, 4^3, 3^2\})$	768
36	$\mathcal{O}(0; \{36, 18, 6^3, 4, 2^4\})$	96
36	$\mathcal{O}(0; \{36, 18, 6^3, 4, 3^3\})$	768
36	$\mathcal{O}(0; \{36, 18, 6^3, 4^3, 2\})$	384
36	$\mathcal{O}(0; \{36, 18, 6^4, 4, 3, 2\})$	384
36	$\mathcal{O}(0; \{36, 18, 9^3, 4, 3^2, 2\})$	6480
36	$\mathcal{O}(0; \{36, 18, 9^3, 6, 4, 2^2\})$	3240
36	$\mathcal{O}(0; \{36, 18, 12, 3^2, 2^6\})$	96
36	$\mathcal{O}(0; \{36, 18, 12, 3^5, 2^2\})$	768
36	$\mathcal{O}(0; \{36, 18, 12, 4^2, 3^2, 2^3\})$	384
36	$\mathcal{O}(0; \{36, 18, 12, 4^4, 3^2\})$	1536
36	$\mathcal{O}(0; \{36, 18, 12, 6, 2^7\})$	48
36	$\mathcal{O}(0; \{36, 18, 12, 6, 3^3, 2^3\})$	384
36	$\mathcal{O}(0; \{36, 18, 12, 6, 4^2, 2^4\})$	192
36	$\mathcal{O}(0; \{36, 18, 12, 6, 4^2, 3^3\})$	1536
36	$\mathcal{O}(0; \{36, 18, 12, 6, 4^4, 2\})$	768
36	$\mathcal{O}(0; \{36, 18, 12, 6^2, 3, 2^4\})$	192
36	$\mathcal{O}(0; \{36, 18, 12, 6^2, 3^4\})$	1536
36	$\mathcal{O}(0; \{36, 18, 12, 6^2, 4^2, 3, 2\})$	768
36	$\mathcal{O}(0; \{36, 18, 12, 6^3, 3^2, 2\})$	768
36	$\mathcal{O}(0; \{36, 18, 12, 6^4, 2^2\})$	384
36	$\mathcal{O}(0; \{36, 18, 12, 9^3, 3, 2^2\})$	6480
36	$\mathcal{O}(0; \{36, 18, 12, 9^3, 6^2\})$	12960
36	$\mathcal{O}(0; \{36, 18, 12^2, 4, 3, 2^4\})$	384
36	$\mathcal{O}(0; \{36, 18, 12^2, 4, 3^4\})$	3072
36	$\mathcal{O}(0; \{36, 18, 12^2, 4^3, 3, 2\})$	1536
36	$\mathcal{O}(0; \{36, 18, 12^2, 6, 4, 3^2, 2\})$	1536
36	$\mathcal{O}(0; \{36, 18, 12^2, 6^2, 4, 2^2\})$	768
36	$\mathcal{O}(0; \{36, 18, 12^2, 9^3, 4\})$	25920

Continued on next page

Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36, 18, 12^3, 2^5\})$	384
36	$\mathcal{O}(0; \{36, 18, 12^3, 3^3, 2\})$	3072
36	$\mathcal{O}(0; \{36, 18, 12^3, 4^2, 2^2\})$	1536
36	$\mathcal{O}(0; \{36, 18, 12^3, 6, 3, 2^2\})$	1536
36	$\mathcal{O}(0; \{36, 18, 12^3, 6^3\})$	3072
36	$\mathcal{O}(0; \{36, 18, 12^4, 6, 4\})$	6144
36	$\mathcal{O}(0; \{36, 18, 12^5, 3\})$	12288
36	$\mathcal{O}(0; \{36, 18^2, 9, 4, 3, 2^4\})$	648
36	$\mathcal{O}(0; \{36, 18^2, 9, 4, 3^4\})$	5184
36	$\mathcal{O}(0; \{36, 18^2, 9, 4^3, 3, 2\})$	2592
36	$\mathcal{O}(0; \{36, 18^2, 9, 6, 4, 3^2, 2\})$	2592
36	$\mathcal{O}(0; \{36, 18^2, 9, 6^2, 4, 2^2\})$	1296
36	$\mathcal{O}(0; \{36, 18^2, 9^4, 4\})$	61236
36	$\mathcal{O}(0; \{36, 18^2, 12, 9, 2^5\})$	648
36	$\mathcal{O}(0; \{36, 18^2, 12, 9, 3^3, 2\})$	5184
36	$\mathcal{O}(0; \{36, 18^2, 12, 9, 4^2, 2^2\})$	2592
36	$\mathcal{O}(0; \{36, 18^2, 12, 9, 6, 3, 2^2\})$	2592
36	$\mathcal{O}(0; \{36, 18^2, 12, 9, 6^3\})$	5184
36	$\mathcal{O}(0; \{36, 18^2, 12^2, 9, 6, 4\})$	10368
36	$\mathcal{O}(0; \{36, 18^2, 12^3, 9, 3\})$	20736
36	$\mathcal{O}(0; \{36, 18^3, 9^2, 6, 4\})$	21384
36	$\mathcal{O}(0; \{36, 18^3, 12, 9^2, 3\})$	42768
36	$\mathcal{O}(0; \{36, 18^4, 4, 3, 2^2\})$	3240
36	$\mathcal{O}(0; \{36, 18^4, 6^2, 4\})$	6480
36	$\mathcal{O}(0; \{36, 18^4, 12, 2^3\})$	3240
36	$\mathcal{O}(0; \{36, 18^4, 12, 4^2\})$	12960
36	$\mathcal{O}(0; \{36, 18^4, 12, 6, 3\})$	12960
36	$\mathcal{O}(0; \{36^2, 9, 3^2, 2^6\})$	144
36	$\mathcal{O}(0; \{36^2, 9, 3^5, 2^2\})$	1152
36	$\mathcal{O}(0; \{36^2, 9, 4^2, 3^2, 2^3\})$	576
36	$\mathcal{O}(0; \{36^2, 9, 4^4, 3^2\})$	2304
36	$\mathcal{O}(0; \{36^2, 9, 6, 2^7\})$	72
36	$\mathcal{O}(0; \{36^2, 9, 6, 3^3, 2^3\})$	576
36	$\mathcal{O}(0; \{36^2, 9, 6, 4^2, 2^4\})$	288
36	$\mathcal{O}(0; \{36^2, 9, 6, 4^2, 3^3\})$	2304
36	$\mathcal{O}(0; \{36^2, 9, 6, 4^4, 2\})$	1152
36	$\mathcal{O}(0; \{36^2, 9, 6^2, 3, 2^4\})$	288
36	$\mathcal{O}(0; \{36^2, 9, 6^2, 3^4\})$	2304
36	$\mathcal{O}(0; \{36^2, 9, 6^2, 4^2, 3, 2\})$	1152
36	$\mathcal{O}(0; \{36^2, 9, 6^3, 3^2, 2\})$	1152
36	$\mathcal{O}(0; \{36^2, 9, 6^4, 2^2\})$	576
36	$\mathcal{O}(0; \{36^2, 9^4, 3, 2^2\})$	21384
36	$\mathcal{O}(0; \{36^2, 9^4, 6^2\})$	42768

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36^2, 12, 9, 4, 3, 2^4\})$	576
36	$\mathcal{O}(0; \{36^2, 12, 9, 4, 3^4\})$	4608
36	$\mathcal{O}(0; \{36^2, 12, 9, 4^3, 3, 2\})$	2304
36	$\mathcal{O}(0; \{36^2, 12, 9, 6, 4, 3^2, 2\})$	2304
36	$\mathcal{O}(0; \{36^2, 12, 9, 6^2, 4, 2^2\})$	1152
36	$\mathcal{O}(0; \{36^2, 12, 9^4, 4\})$	85536
36	$\mathcal{O}(0; \{36^2, 12^2, 9, 2^5\})$	576
36	$\mathcal{O}(0; \{36^2, 12^2, 9, 3^3, 2\})$	4608
36	$\mathcal{O}(0; \{36^2, 12^2, 9, 4^2, 2^2\})$	2304
36	$\mathcal{O}(0; \{36^2, 12^2, 9, 6, 3, 2^2\})$	2304
36	$\mathcal{O}(0; \{36^2, 12^2, 9, 6^3\})$	4608
36	$\mathcal{O}(0; \{36^2, 12^3, 9, 6, 4\})$	9216
36	$\mathcal{O}(0; \{36^2, 12^4, 9, 3\})$	18432
36	$\mathcal{O}(0; \{36^2, 18, 9^2, 2^5\})$	1620
36	$\mathcal{O}(0; \{36^2, 18, 9^2, 3^3, 2\})$	12960
36	$\mathcal{O}(0; \{36^2, 18, 9^2, 4^2, 2^2\})$	6480
36	$\mathcal{O}(0; \{36^2, 18, 9^2, 6, 3, 2^2\})$	6480
36	$\mathcal{O}(0; \{36^2, 18, 9^2, 6^3\})$	12960
36	$\mathcal{O}(0; \{36^2, 18, 12, 9^2, 6, 4\})$	25920
36	$\mathcal{O}(0; \{36^2, 18, 12^2, 9^2, 3\})$	51840
36	$\mathcal{O}(0; \{36^2, 18^2, 3^2, 2^4\})$	1296
36	$\mathcal{O}(0; \{36^2, 18^2, 3^5\})$	10368
36	$\mathcal{O}(0; \{36^2, 18^2, 4^2, 3^2, 2\})$	5184
36	$\mathcal{O}(0; \{36^2, 18^2, 6, 2^5\})$	648
36	$\mathcal{O}(0; \{36^2, 18^2, 6, 3^3, 2\})$	5184
36	$\mathcal{O}(0; \{36^2, 18^2, 6, 4^2, 2^2\})$	2592
36	$\mathcal{O}(0; \{36^2, 18^2, 6^2, 3, 2^2\})$	2592
36	$\mathcal{O}(0; \{36^2, 18^2, 6^4\})$	5184
36	$\mathcal{O}(0; \{36^2, 18^2, 9^3, 3\})$	122472
36	$\mathcal{O}(0; \{36^2, 18^2, 12, 4, 3, 2^2\})$	5184
36	$\mathcal{O}(0; \{36^2, 18^2, 12, 6^2, 4\})$	10368
36	$\mathcal{O}(0; \{36^2, 18^2, 12^2, 2^3\})$	5184
36	$\mathcal{O}(0; \{36^2, 18^2, 12^2, 4^2\})$	20736
36	$\mathcal{O}(0; \{36^2, 18^2, 12^2, 6, 3\})$	20736
36	$\mathcal{O}(0; \{36^2, 18^3, 9, 2^3\})$	10692
36	$\mathcal{O}(0; \{36^2, 18^3, 9, 4^2\})$	42768
36	$\mathcal{O}(0; \{36^2, 18^3, 9, 6, 3\})$	42768
36	$\mathcal{O}(0; \{36^2, 18^5, 2\})$	61236
36	$\mathcal{O}(0; \{36^3, 4, 2^7\})$	144
36	$\mathcal{O}(0; \{36^3, 4, 3^3, 2^3\})$	1152
36	$\mathcal{O}(0; \{36^3, 4^3, 2^4\})$	576
36	$\mathcal{O}(0; \{36^3, 4^3, 3^3\})$	4608
36	$\mathcal{O}(0; \{36^3, 4^5, 2\})$	2304

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(O), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36^3, 6, 4, 3, 2^4\})$	576
36	$\mathcal{O}(0; \{36^3, 6, 4, 3^4\})$	4608
36	$\mathcal{O}(0; \{36^3, 6, 4^3, 3, 2\})$	2304
36	$\mathcal{O}(0; \{36^3, 6^2, 4, 3^2, 2\})$	2304
36	$\mathcal{O}(0; \{36^3, 6^3, 4, 2^2\})$	1152
36	$\mathcal{O}(0; \{36^3, 9^3, 6, 4\})$	85536
36	$\mathcal{O}(0; \{36^3, 12, 3^2, 2^4\})$	1152
36	$\mathcal{O}(0; \{36^3, 12, 3^5\})$	9216
36	$\mathcal{O}(0; \{36^3, 12, 4^2, 3^2, 2\})$	4608
36	$\mathcal{O}(0; \{36^3, 12, 6, 2^5\})$	576
36	$\mathcal{O}(0; \{36^3, 12, 6, 3^3, 2\})$	4608
36	$\mathcal{O}(0; \{36^3, 12, 6, 4^2, 2^2\})$	2304
36	$\mathcal{O}(0; \{36^3, 12, 6^2, 3, 2^2\})$	2304
36	$\mathcal{O}(0; \{36^3, 12, 6^4\})$	4608
36	$\mathcal{O}(0; \{36^3, 12, 9^3, 3\})$	171072
36	$\mathcal{O}(0; \{36^3, 12^2, 4, 3, 2^2\})$	4608
36	$\mathcal{O}(0; \{36^3, 12^2, 6^2, 4\})$	9216
36	$\mathcal{O}(0; \{36^3, 12^3, 2^3\})$	4608
36	$\mathcal{O}(0; \{36^3, 12^3, 4^2\})$	18432
36	$\mathcal{O}(0; \{36^3, 12^3, 6, 3\})$	18432
36	$\mathcal{O}(0; \{36^3, 18, 9, 4, 3, 2^2\})$	12960
36	$\mathcal{O}(0; \{36^3, 18, 9, 6^2, 4\})$	25920
36	$\mathcal{O}(0; \{36^3, 18, 12, 9, 2^3\})$	12960
36	$\mathcal{O}(0; \{36^3, 18, 12, 9, 4^2\})$	51840
36	$\mathcal{O}(0; \{36^3, 18, 12, 9, 6, 3\})$	51840
36	$\mathcal{O}(0; \{36^3, 18^3, 4, 3\})$	85536
36	$\mathcal{O}(0; \{36^3, 18^3, 12, 2\})$	85536
36	$\mathcal{O}(0; \{36^4, 9^2, 2^3\})$	42768
36	$\mathcal{O}(0; \{36^4, 9^2, 4^2\})$	171072
36	$\mathcal{O}(0; \{36^4, 9^2, 6, 3\})$	171072
36	$\mathcal{O}(0; \{36^4, 18, 3^2, 2^2\})$	25920
36	$\mathcal{O}(0; \{36^4, 18, 6, 2^3\})$	12960
36	$\mathcal{O}(0; \{36^4, 18, 6, 4^2\})$	51840
36	$\mathcal{O}(0; \{36^4, 18, 6^2, 3\})$	51840
36	$\mathcal{O}(0; \{36^4, 18, 12, 4, 3\})$	103680
36	$\mathcal{O}(0; \{36^4, 18, 12^2, 2\})$	103680
36	$\mathcal{O}(0; \{36^4, 18^2, 9, 2\})$	244944
36	$\mathcal{O}(0; \{36^5, 9, 4, 3\})$	342144
36	$\mathcal{O}(0; \{36^5, 12, 9, 2\})$	342144
36	$\mathcal{O}(0; \{36^6, 3^2\})$	684288
36	$\mathcal{O}(0; \{36^6, 6, 2\})$	342144
38	$\mathcal{O}(2; \{19^2, 2^2\})$	37532448
38	$\mathcal{O}(2; \{38^2, 19\})$	638051616

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
38	$\mathcal{O}(1; \{19^2, 2^6\})$	25992
38	$\mathcal{O}(1; \{38^2, 19, 2^4\})$	441864
38	$\mathcal{O}(1; \{38^4, 2^2\})$	7979544
38	$\mathcal{O}(0; \{19^2, 2^{10}\})$	18
38	$\mathcal{O}(0; \{38^2, 19, 2^8\})$	306
38	$\mathcal{O}(0; \{38^4, 2^6\})$	5526
39	$\mathcal{O}(2; \{13^3\})$	301604160
39	$\mathcal{O}(1; \{13^3, 3^3\})$	401544
39	$\mathcal{O}(1; \{39^3, 13^2\})$	58223880
39	$\mathcal{O}(0; \{13^3, 3^6\})$	2904
39	$\mathcal{O}(0; \{39^3, 13^2, 3^3\})$	421080
39	$\mathcal{O}(0; \{39^6, 13\})$	60638424
40	$\mathcal{O}(2; \{40, 8, 5\})$	40960000
40	$\mathcal{O}(1; \{8^2, 5^3, 2\})$	76800
40	$\mathcal{O}(1; \{20^2, 8^2, 2^2\})$	102400
40	$\mathcal{O}(1; \{40, 8, 5, 2^4\})$	25600
40	$\mathcal{O}(1; \{40, 8, 5, 4^2, 2\})$	102400
40	$\mathcal{O}(1; \{40, 10^2, 8, 2^2\})$	76800
40	$\mathcal{O}(1; \{40, 20^2, 10, 8\})$	1331200
40	$\mathcal{O}(1; \{40^2, 10, 5, 2^2\})$	332800
40	$\mathcal{O}(1; \{40^2, 10^3\})$	1305600
40	$\mathcal{O}(1; \{40^2, 20, 4, 2^2\})$	307200
40	$\mathcal{O}(1; \{40^2, 20, 8^2\})$	2457600
40	$\mathcal{O}(1; \{40^2, 20^2, 5\})$	5222400
40	$\mathcal{O}(1; \{40^4, 4\})$	10649600
40	$\mathcal{O}(0; \{8^2, 5^3, 2^5\})$	48
40	$\mathcal{O}(0; \{8^2, 5^3, 4^2, 2^2\})$	192
40	$\mathcal{O}(0; \{8^4, 5^3, 4\})$	1536
40	$\mathcal{O}(0; \{10, 8^2, 5^3\})$	3280
40	$\mathcal{O}(0; \{10^2, 8^2, 5^2, 2^3\})$	208
40	$\mathcal{O}(0; \{10^2, 8^2, 5^2, 4^2\})$	832
40	$\mathcal{O}(0; \{10^4, 8^2, 5, 2\})$	816
40	$\mathcal{O}(0; \{20, 8^2, 5^4, 4\})$	3264
40	$\mathcal{O}(0; \{20, 10, 8^2, 5, 4, 2^3\})$	192
40	$\mathcal{O}(0; \{20, 10, 8^2, 5, 4^3\})$	768
40	$\mathcal{O}(0; \{20, 10, 8^4, 5, 2\})$	1536
40	$\mathcal{O}(0; \{20, 10^3, 8^2, 4, 2\})$	832
40	$\mathcal{O}(0; \{20^2, 8^2, 2^6\})$	64
40	$\mathcal{O}(0; \{20^2, 8^2, 4^2, 2^3\})$	256
40	$\mathcal{O}(0; \{20^2, 8^2, 4^4\})$	1024
40	$\mathcal{O}(0; \{20^2, 8^4, 4, 2\})$	2048
40	$\mathcal{O}(0; \{20^2, 10, 8^2, 5^2, 2\})$	3264
40	$\mathcal{O}(0; \{20^3, 8^2, 5, 4, 2\})$	3328

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
40	$\mathcal{O}(0; \{40, 8, 5, 2^8\})$	16
40	$\mathcal{O}(0; \{40, 8, 5, 4^2, 2^5\})$	64
40	$\mathcal{O}(0; \{40, 8, 5, 4^4, 2^2\})$	256
40	$\mathcal{O}(0; \{40, 8, 5^6\})$	13104
40	$\mathcal{O}(0; \{40, 8^3, 5, 4, 2^3\})$	512
40	$\mathcal{O}(0; \{40, 8^3, 5, 4^3\})$	2048
40	$\mathcal{O}(0; \{40, 8^5, 5, 2\})$	4096
40	$\mathcal{O}(0; \{40, 10, 8, 5^3, 2^3\})$	816
40	$\mathcal{O}(0; \{40, 10, 8, 5^3, 4^2\})$	3264
40	$\mathcal{O}(0; \{40, 10^2, 8, 2^6\})$	48
40	$\mathcal{O}(0; \{40, 10^2, 8, 4^2, 2^3\})$	192
40	$\mathcal{O}(0; \{40, 10^2, 8, 4^4\})$	768
40	$\mathcal{O}(0; \{40, 10^2, 8^3, 4, 2\})$	1536
40	$\mathcal{O}(0; \{40, 10^3, 8, 5^2, 2\})$	3280
40	$\mathcal{O}(0; \{40, 20, 8, 5^2, 4, 2^3\})$	832
40	$\mathcal{O}(0; \{40, 20, 8, 5^2, 4^3\})$	3328
40	$\mathcal{O}(0; \{40, 20, 8^3, 5^2, 2\})$	6656
40	$\mathcal{O}(0; \{40, 20, 10^2, 8, 5, 4, 2\})$	3264
40	$\mathcal{O}(0; \{40, 20^2, 8, 5^3, 2\})$	13120
40	$\mathcal{O}(0; \{40, 20^2, 10, 8, 2^4\})$	832
40	$\mathcal{O}(0; \{40, 20^2, 10, 8, 4^2, 2\})$	3328
40	$\mathcal{O}(0; \{40, 20^4, 8, 2^2\})$	13056
40	$\mathcal{O}(0; \{40^2, 5^4, 2^3\})$	3280
40	$\mathcal{O}(0; \{40^2, 5^4, 4^2\})$	13120
40	$\mathcal{O}(0; \{40^2, 10, 5, 2^6\})$	208
40	$\mathcal{O}(0; \{40^2, 10, 5, 4^2, 2^3\})$	832
40	$\mathcal{O}(0; \{40^2, 10, 5, 4^4\})$	3328
40	$\mathcal{O}(0; \{40^2, 10, 8^2, 5, 4, 2\})$	6656
40	$\mathcal{O}(0; \{40^2, 10^2, 5^3, 2\})$	13104
40	$\mathcal{O}(0; \{40^2, 10^3, 2^4\})$	816
40	$\mathcal{O}(0; \{40^2, 10^3, 4^2, 2\})$	3264
40	$\mathcal{O}(0; \{40^2, 20, 4, 2^6\})$	192
40	$\mathcal{O}(0; \{40^2, 20, 4^3, 2^3\})$	768
40	$\mathcal{O}(0; \{40^2, 20, 4^5\})$	3072
40	$\mathcal{O}(0; \{40^2, 20, 8^2, 2^4\})$	1536
40	$\mathcal{O}(0; \{40^2, 20, 8^2, 4^2, 2\})$	6144
40	$\mathcal{O}(0; \{40^2, 20, 10, 5^2, 4, 2\})$	13120
40	$\mathcal{O}(0; \{40^2, 20^2, 5, 2^4\})$	3264
40	$\mathcal{O}(0; \{40^2, 20^2, 5, 4^2, 2\})$	13056
40	$\mathcal{O}(0; \{40^2, 20^2, 10^2, 2^2\})$	13120
40	$\mathcal{O}(0; \{40^2, 20^4, 10\})$	209664
40	$\mathcal{O}(0; \{40^3, 8, 5^2, 4, 2\})$	26112
40	$\mathcal{O}(0; \{40^3, 20, 10, 8, 2^2\})$	26112

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
40	$\mathcal{O}(0; \{40^3, 20^3, 8\})$	419840
40	$\mathcal{O}(0; \{40^4, 4, 2^4\})$	6656
40	$\mathcal{O}(0; \{40^4, 4^3, 2\})$	26624
40	$\mathcal{O}(0; \{40^4, 8^2, 2^2\})$	53248
40	$\mathcal{O}(0; \{40^4, 20, 5, 2^2\})$	104960
40	$\mathcal{O}(0; \{40^4, 20, 10^2\})$	419328
40	$\mathcal{O}(0; \{40^5, 10, 8\})$	839680
40	$\mathcal{O}(0; \{40^6, 5\})$	3354624
42	$\mathcal{O}(2; \{42, 21, 2\})$	37340352
42	$\mathcal{O}(1; \{7^4, 2^2\})$	291648
42	$\mathcal{O}(1; \{14^2, 7^3\})$	1740480
42	$\mathcal{O}(1; \{21, 14, 7^2, 6\})$	656208
42	$\mathcal{O}(1; \{21^2, 7, 3, 2^2\})$	105840
42	$\mathcal{O}(1; \{21^2, 7, 6^2\})$	317520
42	$\mathcal{O}(1; \{21^2, 14^2, 3\})$	656208
42	$\mathcal{O}(1; \{42, 14, 7, 3, 2^2\})$	105840
42	$\mathcal{O}(1; \{42, 14, 7, 6^2\})$	105840
42	$\mathcal{O}(1; \{42, 14^3, 3\})$	656208
42	$\mathcal{O}(1; \{42, 21, 2^5\})$	21168
42	$\mathcal{O}(1; \{42, 21, 3^3, 2\})$	105840
42	$\mathcal{O}(1; \{42, 21, 6, 3, 2^2\})$	63504
42	$\mathcal{O}(1; \{42, 21, 6^3\})$	105840
42	$\mathcal{O}(1; \{42^2, 21, 7, 3\})$	1968624
42	$\mathcal{O}(1; \{42^3, 2^3\})$	105840
42	$\mathcal{O}(1; \{42^3, 6, 3\})$	529200
42	$\mathcal{O}(0; \{7^4, 3^3, 2^2\})$	372
42	$\mathcal{O}(0; \{7^4, 6, 3, 2^3\})$	372
42	$\mathcal{O}(0; \{7^4, 6^2, 3^2\})$	1116
42	$\mathcal{O}(0; \{7^4, 6^3, 2\})$	372
42	$\mathcal{O}(0; \{14^2, 7^3, 3^3\})$	2220
42	$\mathcal{O}(0; \{14^2, 7^3, 6, 3, 2\})$	2220
42	$\mathcal{O}(0; \{21, 14, 7^2, 3^2, 2^3\})$	372
42	$\mathcal{O}(0; \{21, 14, 7^2, 6, 2^4\})$	372
42	$\mathcal{O}(0; \{21, 14, 7^2, 6, 3^3\})$	1860
42	$\mathcal{O}(0; \{21, 14, 7^2, 6^2, 3, 2\})$	1116
42	$\mathcal{O}(0; \{21, 14^3, 7, 3^2, 2\})$	2220
42	$\mathcal{O}(0; \{21, 14^3, 7, 6, 2^2\})$	2220
42	$\mathcal{O}(0; \{21, 14^5, 6\})$	13332
42	$\mathcal{O}(0; \{21^2, 7, 3, 2^6\})$	60
42	$\mathcal{O}(0; \{21^2, 7, 3^4, 2^2\})$	660
42	$\mathcal{O}(0; \{21^2, 7, 6, 3^2, 2^3\})$	300
42	$\mathcal{O}(0; \{21^2, 7, 6^2, 2^4\})$	180
42	$\mathcal{O}(0; \{21^2, 7, 6^2, 3^3\})$	1260

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(0; \{21^2, 7, 6^3, 3, 2\})$	660
42	$\mathcal{O}(0; \{21^2, 14^2, 3, 2^4\})$	372
42	$\mathcal{O}(0; \{21^2, 14^2, 3^4\})$	4092
42	$\mathcal{O}(0; \{21^2, 14^2, 6, 3^2, 2\})$	1860
42	$\mathcal{O}(0; \{21^2, 14^2, 6^2, 2^2\})$	1116
42	$\mathcal{O}(0; \{21^3, 7^3, 2^2\})$	13332
42	$\mathcal{O}(0; \{21^3, 14^2, 7^2\})$	79980
42	$\mathcal{O}(0; \{21^4, 14, 7, 6\})$	66660
42	$\mathcal{O}(0; \{21^5, 3, 2^2\})$	24420
42	$\mathcal{O}(0; \{21^5, 6^2\})$	46620
42	$\mathcal{O}(0; \{42, 7^5, 3, 2\})$	13332
42	$\mathcal{O}(0; \{42, 14, 7, 3, 2^6\})$	60
42	$\mathcal{O}(0; \{42, 14, 7, 3^4, 2^2\})$	300
42	$\mathcal{O}(0; \{42, 14, 7, 6, 3^2, 2^3\})$	180
42	$\mathcal{O}(0; \{42, 14, 7, 6^2, 2^4\})$	60
42	$\mathcal{O}(0; \{42, 14, 7, 6^2, 3^3\})$	660
42	$\mathcal{O}(0; \{42, 14, 7, 6^3, 3, 2\})$	300
42	$\mathcal{O}(0; \{42, 14^3, 3, 2^4\})$	372
42	$\mathcal{O}(0; \{42, 14^3, 3^4\})$	1860
42	$\mathcal{O}(0; \{42, 14^3, 6, 3^2, 2\})$	1116
42	$\mathcal{O}(0; \{42, 14^3, 6^2, 2^2\})$	372
42	$\mathcal{O}(0; \{42, 21, 2^9\})$	12
42	$\mathcal{O}(0; \{42, 21, 3^3, 2^5\})$	60
42	$\mathcal{O}(0; \{42, 21, 3^6, 2\})$	516
42	$\mathcal{O}(0; \{42, 21, 6, 3, 2^6\})$	36
42	$\mathcal{O}(0; \{42, 21, 6, 3^4, 2^2\})$	252
42	$\mathcal{O}(0; \{42, 21, 6^2, 3^2, 2^3\})$	132
42	$\mathcal{O}(0; \{42, 21, 6^3, 2^4\})$	60
42	$\mathcal{O}(0; \{42, 21, 6^3, 3^3\})$	516
42	$\mathcal{O}(0; \{42, 21, 6^4, 3, 2\})$	252
42	$\mathcal{O}(0; \{42, 21, 14, 7^3, 2^2\})$	13332
42	$\mathcal{O}(0; \{42, 21, 14^3, 7^2\})$	79980
42	$\mathcal{O}(0; \{42, 21^2, 7^2, 3^2, 2\})$	11100
42	$\mathcal{O}(0; \{42, 21^2, 7^2, 6, 2^2\})$	6660
42	$\mathcal{O}(0; \{42, 21^2, 14^2, 7, 6\})$	39996
42	$\mathcal{O}(0; \{42, 21^3, 14, 3, 2^2\})$	11100
42	$\mathcal{O}(0; \{42, 21^3, 14, 6^2\})$	24420
42	$\mathcal{O}(0; \{42^2, 14, 7^2, 3^2, 2\})$	6660
42	$\mathcal{O}(0; \{42^2, 14, 7^2, 6, 2^2\})$	2220
42	$\mathcal{O}(0; \{42^2, 14^3, 7, 6\})$	13332
42	$\mathcal{O}(0; \{42^2, 21, 7, 3, 2^4\})$	1116
42	$\mathcal{O}(0; \{42^2, 21, 7, 3^4\})$	7812
42	$\mathcal{O}(0; \{42^2, 21, 7, 6, 3^2, 2\})$	4092

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(0; \{42^2, 21, 7, 6^2, 2^2\})$	1860
42	$\mathcal{O}(0; \{42^2, 21, 14^2, 3, 2^2\})$	6660
42	$\mathcal{O}(0; \{42^2, 21, 14^2, 6^2\})$	11100
42	$\mathcal{O}(0; \{42^2, 21^2, 7^3\})$	239940
42	$\mathcal{O}(0; \{42^2, 21^4, 3\})$	279972
42	$\mathcal{O}(0; \{42^3, 2^7\})$	60
42	$\mathcal{O}(0; \{42^3, 3^3, 2^3\})$	660
42	$\mathcal{O}(0; \{42^3, 6, 3, 2^4\})$	300
42	$\mathcal{O}(0; \{42^3, 6, 3^4\})$	2580
42	$\mathcal{O}(0; \{42^3, 6^2, 3^2, 2\})$	1260
42	$\mathcal{O}(0; \{42^3, 6^3, 2^2\})$	660
42	$\mathcal{O}(0; \{42^3, 14, 7^3\})$	79980
42	$\mathcal{O}(0; \{42^3, 21, 7^2, 6\})$	66660
42	$\mathcal{O}(0; \{42^3, 21^2, 14, 3\})$	146652
42	$\mathcal{O}(0; \{42^4, 7, 3, 2^2\})$	11100
42	$\mathcal{O}(0; \{42^4, 7, 6^2\})$	24420
42	$\mathcal{O}(0; \{42^4, 14^2, 3\})$	66660
44	$\mathcal{O}(1; \{11^3, 4^2\})$	348480
44	$\mathcal{O}(0; \{11^3, 4^2, 2^4\})$	180
44	$\mathcal{O}(0; \{11^3, 4^4, 2\})$	720
44	$\mathcal{O}(0; \{22^2, 11^2, 4^2, 2^2\})$	1820
44	$\mathcal{O}(0; \{22^4, 11, 4^2\})$	18180
44	$\mathcal{O}(0; \{44^2, 22, 11^2, 2^3\})$	18180
44	$\mathcal{O}(0; \{44^2, 22, 11^2, 4^2\})$	72720
44	$\mathcal{O}(0; \{44^2, 22^3, 11, 2\})$	181820
44	$\mathcal{O}(0; \{44^4, 11^2, 2\})$	727280
45	$\mathcal{O}(1; \{15^2, 5^2, 3\})$	187200
45	$\mathcal{O}(1; \{15^3, 3^2\})$	216000
45	$\mathcal{O}(1; \{45, 9, 5^2, 3\})$	291600
45	$\mathcal{O}(1; \{45, 15, 9, 3^2\})$	388800
45	$\mathcal{O}(0; \{15^2, 9^3, 5^2\})$	3744
45	$\mathcal{O}(0; \{15^3, 9^3, 3\})$	3456
45	$\mathcal{O}(0; \{45, 9, 5^2, 3^4\})$	1152
45	$\mathcal{O}(0; \{45, 9^4, 5^2\})$	9720
45	$\mathcal{O}(0; \{45, 15, 9, 3^5\})$	1536
45	$\mathcal{O}(0; \{45, 15, 9^4, 3\})$	12960
45	$\mathcal{O}(0; \{45, 15^2, 9, 5^3\})$	19680
45	$\mathcal{O}(0; \{45, 15^3, 9, 5, 3\})$	19584
45	$\mathcal{O}(0; \{45^2, 9^2, 5^3\})$	33048
45	$\mathcal{O}(0; \{45^2, 15, 9^2, 5, 3\})$	33696
45	$\mathcal{O}(0; \{45^3, 5^4\})$	58968
45	$\mathcal{O}(0; \{45^3, 15, 5^2, 3\})$	59040
45	$\mathcal{O}(0; \{45^3, 15^2, 3^2\})$	58752

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
45	$\mathcal{O}(0; \{45^4, 9, 3^2\})$	168480
47	$\mathcal{O}(2; \{47^2\})$	224465326
48	$\mathcal{O}(2; \{16^2\})$	41943040
48	$\mathcal{O}(1; \{16^2, 2^4\})$	16384
48	$\mathcal{O}(1; \{16^2, 3^3\})$	36864
48	$\mathcal{O}(1; \{16^2, 4^2, 2\})$	65536
48	$\mathcal{O}(1; \{16^2, 6, 3, 2\})$	36864
48	$\mathcal{O}(1; \{48, 24, 16, 2^2\})$	147456
48	$\mathcal{O}(1; \{48^2, 4, 3, 2\})$	73728
48	$\mathcal{O}(1; \{48^2, 12, 2^2\})$	73728
48	$\mathcal{O}(1; \{48^2, 24^2\})$	1769472
48	$\mathcal{O}(1; \{48^3, 16\})$	2359296
48	$\mathcal{O}(0; \{16^2, 3^3, 2^4\})$	16
48	$\mathcal{O}(0; \{16^2, 3^6\})$	176
48	$\mathcal{O}(0; \{16^2, 4^2, 3^3, 2\})$	64
48	$\mathcal{O}(0; \{16^2, 6, 3, 2^5\})$	16
48	$\mathcal{O}(0; \{16^2, 6, 3^4, 2\})$	80
48	$\mathcal{O}(0; \{16^2, 6, 4^2, 3, 2^2\})$	64
48	$\mathcal{O}(0; \{16^2, 6^2, 3^2, 2^2\})$	48
48	$\mathcal{O}(0; \{16^2, 6^3, 2^3\})$	16
48	$\mathcal{O}(0; \{16^2, 6^3, 4^2\})$	64
48	$\mathcal{O}(0; \{16^2, 6^4, 3\})$	80
48	$\mathcal{O}(0; \{16^2, 8^2, 6, 4, 3\})$	512
48	$\mathcal{O}(0; \{16^2, 12, 4, 3^2, 2^2\})$	64
48	$\mathcal{O}(0; \{16^2, 12, 6, 4, 2^3\})$	64
48	$\mathcal{O}(0; \{16^2, 12, 6, 4^3\})$	256
48	$\mathcal{O}(0; \{16^2, 12, 6^2, 4, 3\})$	192
48	$\mathcal{O}(0; \{16^2, 12, 8^2, 3^2\})$	512
48	$\mathcal{O}(0; \{16^2, 12, 8^2, 6, 2\})$	512
48	$\mathcal{O}(0; \{16^2, 12^2, 3, 2^3\})$	64
48	$\mathcal{O}(0; \{16^2, 12^2, 4^2, 3\})$	256
48	$\mathcal{O}(0; \{16^2, 12^2, 6, 3^2\})$	320
48	$\mathcal{O}(0; \{16^2, 12^2, 6^2, 2\})$	192
48	$\mathcal{O}(0; \{16^2, 12^3, 4, 2\})$	256
48	$\mathcal{O}(0; \{24, 16^2, 8, 3, 2^3\})$	256
48	$\mathcal{O}(0; \{24, 16^2, 8, 4^2, 3\})$	1024
48	$\mathcal{O}(0; \{24, 16^2, 8, 6, 3^2\})$	768
48	$\mathcal{O}(0; \{24, 16^2, 8, 6^2, 2\})$	256
48	$\mathcal{O}(0; \{24, 16^2, 12, 8, 4, 2\})$	1024
48	$\mathcal{O}(0; \{24, 16^4, 3, 2\})$	4096
48	$\mathcal{O}(0; \{24^2, 16^2, 4, 3^2\})$	1536
48	$\mathcal{O}(0; \{24^2, 16^2, 6, 4, 2\})$	512
48	$\mathcal{O}(0; \{24^2, 16^2, 12, 3, 2\})$	1536

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{48, 16, 8, 4, 3^2, 2^2\})$	128
48	$\mathcal{O}(0; \{48, 16, 8, 6, 4, 2^3\})$	128
48	$\mathcal{O}(0; \{48, 16, 8, 6, 4^3\})$	512
48	$\mathcal{O}(0; \{48, 16, 8, 6^2, 4, 3\})$	384
48	$\mathcal{O}(0; \{48, 16, 8^3, 3^2\})$	1024
48	$\mathcal{O}(0; \{48, 16, 8^3, 6, 2\})$	1024
48	$\mathcal{O}(0; \{48, 16, 12, 8, 3, 2^3\})$	128
48	$\mathcal{O}(0; \{48, 16, 12, 8, 4^2, 3\})$	512
48	$\mathcal{O}(0; \{48, 16, 12, 8, 6, 3^2\})$	640
48	$\mathcal{O}(0; \{48, 16, 12, 8, 6^2, 2\})$	384
48	$\mathcal{O}(0; \{48, 16, 12^2, 8, 4, 2\})$	512
48	$\mathcal{O}(0; \{48, 16^3, 4, 3^2\})$	2048
48	$\mathcal{O}(0; \{48, 16^3, 6, 4, 2\})$	2048
48	$\mathcal{O}(0; \{48, 16^3, 12, 3, 2\})$	2048
48	$\mathcal{O}(0; \{48, 24, 16, 2^6\})$	64
48	$\mathcal{O}(0; \{48, 24, 16, 3^3, 2^2\})$	320
48	$\mathcal{O}(0; \{48, 24, 16, 4^2, 2^3\})$	256
48	$\mathcal{O}(0; \{48, 24, 16, 4^4\})$	1024
48	$\mathcal{O}(0; \{48, 24, 16, 6, 3, 2^3\})$	192
48	$\mathcal{O}(0; \{48, 24, 16, 6, 4^2, 3\})$	768
48	$\mathcal{O}(0; \{48, 24, 16, 6^2, 3^2\})$	704
48	$\mathcal{O}(0; \{48, 24, 16, 6^3, 2\})$	320
48	$\mathcal{O}(0; \{48, 24, 16, 8^2, 4, 2\})$	2048
48	$\mathcal{O}(0; \{48, 24, 16, 12, 4, 3^2\})$	1280
48	$\mathcal{O}(0; \{48, 24, 16, 12, 6, 4, 2\})$	768
48	$\mathcal{O}(0; \{48, 24, 16, 12^2, 3, 2\})$	1280
48	$\mathcal{O}(0; \{48, 24^2, 16, 8, 3, 2\})$	3072
48	$\mathcal{O}(0; \{48^2, 4, 3, 2^5\})$	32
48	$\mathcal{O}(0; \{48^2, 4, 3^4, 2\})$	352
48	$\mathcal{O}(0; \{48^2, 4^3, 3, 2^2\})$	128
48	$\mathcal{O}(0; \{48^2, 6, 4, 3^2, 2^2\})$	160
48	$\mathcal{O}(0; \{48^2, 6^2, 4, 2^3\})$	96
48	$\mathcal{O}(0; \{48^2, 6^2, 4^3\})$	384
48	$\mathcal{O}(0; \{48^2, 6^3, 4, 3\})$	352
48	$\mathcal{O}(0; \{48^2, 8^2, 3, 2^3\})$	256
48	$\mathcal{O}(0; \{48^2, 8^2, 4^2, 3\})$	1024
48	$\mathcal{O}(0; \{48^2, 8^2, 6, 3^2\})$	1280
48	$\mathcal{O}(0; \{48^2, 8^2, 6^2, 2\})$	768
48	$\mathcal{O}(0; \{48^2, 12, 2^6\})$	32
48	$\mathcal{O}(0; \{48^2, 12, 3^3, 2^2\})$	352
48	$\mathcal{O}(0; \{48^2, 12, 4^2, 2^3\})$	128
48	$\mathcal{O}(0; \{48^2, 12, 4^4\})$	512
48	$\mathcal{O}(0; \{48^2, 12, 6, 3, 2^3\})$	160

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{48^2, 12, 6, 4^2, 3\})$	640
48	$\mathcal{O}(0; \{48^2, 12, 6^2, 3^2\})$	672
48	$\mathcal{O}(0; \{48^2, 12, 6^3, 2\})$	352
48	$\mathcal{O}(0; \{48^2, 12, 8^2, 4, 2\})$	1024
48	$\mathcal{O}(0; \{48^2, 12^2, 4, 3^2\})$	1408
48	$\mathcal{O}(0; \{48^2, 12^2, 6, 4, 2\})$	640
48	$\mathcal{O}(0; \{48^2, 12^3, 3, 2\})$	1408
48	$\mathcal{O}(0; \{48^2, 16^2, 8, 3, 2\})$	4096
48	$\mathcal{O}(0; \{48^2, 24, 8, 4, 3^2\})$	2560
48	$\mathcal{O}(0; \{48^2, 24, 8, 6, 4, 2\})$	1536
48	$\mathcal{O}(0; \{48^2, 24, 12, 8, 3, 2\})$	2560
48	$\mathcal{O}(0; \{48^2, 24^2, 2^4\})$	768
48	$\mathcal{O}(0; \{48^2, 24^2, 3^3\})$	5376
48	$\mathcal{O}(0; \{48^2, 24^2, 4^2, 2\})$	3072
48	$\mathcal{O}(0; \{48^2, 24^2, 6, 3, 2\})$	2816
48	$\mathcal{O}(0; \{48^3, 16, 2^4\})$	1024
48	$\mathcal{O}(0; \{48^3, 16, 3^3\})$	11264
48	$\mathcal{O}(0; \{48^3, 16, 4^2, 2\})$	4096
48	$\mathcal{O}(0; \{48^3, 16, 6, 3, 2\})$	5120
48	$\mathcal{O}(0; \{48^4, 24, 2^2\})$	20480
48	$\mathcal{O}(0; \{48^6\})$	720896
49	$\mathcal{O}(1; \{49^3, 7\})$	21176820
50	$\mathcal{O}(1; \{25^2, 5, 2^2\})$	200000
50	$\mathcal{O}(1; \{25^2, 10^2\})$	800000
50	$\mathcal{O}(1; \{50^2, 25, 5\})$	3000000
50	$\mathcal{O}(0; \{25^2, 5, 2^6\})$	80
50	$\mathcal{O}(0; \{25^2, 10, 5^3, 2\})$	5120
50	$\mathcal{O}(0; \{25^2, 10^2, 2^4\})$	320
50	$\mathcal{O}(0; \{50, 25^4, 10\})$	510000
50	$\mathcal{O}(0; \{50^2, 25, 5, 2^4\})$	1200
50	$\mathcal{O}(0; \{50^2, 25, 10^2, 2^2\})$	4800
50	$\mathcal{O}(0; \{50^4, 5, 2^2\})$	26000
50	$\mathcal{O}(0; \{50^4, 10^2\})$	104000
52	$\mathcal{O}(1; \{52, 13^2, 4\})$	713856
52	$\mathcal{O}(0; \{52, 13^2, 4, 2^4\})$	264
52	$\mathcal{O}(0; \{52, 13^2, 4^3, 2\})$	1056
52	$\mathcal{O}(0; \{52, 26^2, 13, 4, 2^2\})$	3192
52	$\mathcal{O}(0; \{52, 26^4, 4\})$	38280
52	$\mathcal{O}(0; \{52^3, 26, 13, 4\})$	153120
54	$\mathcal{O}(1; \{9^2, 3, 2^2\})$	31104
54	$\mathcal{O}(1; \{9^2, 6^2\})$	62208
54	$\mathcal{O}(1; \{18^2, 9, 3\})$	93312
54	$\mathcal{O}(1; \{54, 27, 2^3\})$	52488

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
54	$\mathcal{O}(1; \{54, 27, 6, 3\})$	209952
54	$\mathcal{O}(1; \{54^3, 2\})$	472392
54	$\mathcal{O}(0; \{27^3, 9, 3, 2^2\})$	1944
54	$\mathcal{O}(0; \{27^3, 9, 6^2\})$	3888
54	$\mathcal{O}(0; \{27^3, 18^2, 3\})$	11664
54	$\mathcal{O}(0; \{54, 27, 27\})$	18
54	$\mathcal{O}(0; \{54, 27, 3^3, 2^3\})$	144
54	$\mathcal{O}(0; \{54, 27, 6, 3, 2^4\})$	72
54	$\mathcal{O}(0; \{54, 27, 6, 3^4\})$	576
54	$\mathcal{O}(0; \{54, 27, 6^2, 3^2, 2\})$	288
54	$\mathcal{O}(0; \{54, 27, 6^3, 2^2\})$	144
54	$\mathcal{O}(0; \{54, 27, 9^3, 6\})$	7776
54	$\mathcal{O}(0; \{54, 27, 18, 9, 3, 2^2\})$	1296
54	$\mathcal{O}(0; \{54, 27, 18, 9, 6^2\})$	2592
54	$\mathcal{O}(0; \{54, 27, 18^3, 3\})$	7776
54	$\mathcal{O}(0; \{54^2, 27^2, 9, 3\})$	52488
54	$\mathcal{O}(0; \{54^3, 2^5\})$	162
54	$\mathcal{O}(0; \{54^3, 3^3, 2\})$	1296
54	$\mathcal{O}(0; \{54^3, 6, 3, 2^2\})$	648
54	$\mathcal{O}(0; \{54^3, 6^3\})$	1296
54	$\mathcal{O}(0; \{54^3, 18, 9, 3\})$	11664
55	$\mathcal{O}(0; \{55^2, 11^2, 5^2\})$	47320
56	$\mathcal{O}(1; \{56, 28, 8, 2\})$	150528
56	$\mathcal{O}(1; \{56^2, 7, 2\})$	376320
56	$\mathcal{O}(0; \{8^2, 7^3, 2^2\})$	120
56	$\mathcal{O}(0; \{14^2, 8^2, 7^2\})$	744
56	$\mathcal{O}(0; \{28, 8^2, 7, 4, 2^2\})$	96
56	$\mathcal{O}(0; \{28, 8^4, 7\})$	768
56	$\mathcal{O}(0; \{28, 14^2, 8^2, 4\})$	480
56	$\mathcal{O}(0; \{56, 8, 7^2, 4, 2^2\})$	240
56	$\mathcal{O}(0; \{56, 8^3, 7^2\})$	1920
56	$\mathcal{O}(0; \{56, 14^2, 8, 7, 4\})$	1488
56	$\mathcal{O}(0; \{56, 28, 8, 2^5\})$	48
56	$\mathcal{O}(0; \{56, 28, 8, 4^2, 2^2\})$	192
56	$\mathcal{O}(0; \{56, 28, 8^3, 4\})$	1536
56	$\mathcal{O}(0; \{56^2, 7, 2^3\})$	120
56	$\mathcal{O}(0; \{56^2, 7, 4^2, 2^2\})$	480
56	$\mathcal{O}(0; \{56^2, 8^2, 7, 4\})$	3840
56	$\mathcal{O}(0; \{56^2, 14^2, 2^3\})$	744
56	$\mathcal{O}(0; \{56^2, 14^2, 4^2\})$	2976
56	$\mathcal{O}(0; \{56^2, 28^2, 14, 2\})$	17760
56	$\mathcal{O}(0; \{56^3, 8, 2^3\})$	1920
56	$\mathcal{O}(0; \{56^3, 8, 4^2\})$	7680

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
57	$\mathcal{O}(1; \{57, 19, 3^2\})$	116964
57	$\mathcal{O}(0; \{57, 19, 3^5\})$	396
57	$\mathcal{O}(0; \{57^4, 3^2\})$	121572
60	$\mathcal{O}(1; \{5^2, 4^2\})$	25600
60	$\mathcal{O}(1; \{20, 10, 4, 2\})$	25600
60	$\mathcal{O}(1; \{60, 20, 3, 2\})$	57600
60	$\mathcal{O}(0; \{5^2, 4^2, 3^3\})$	16
60	$\mathcal{O}(0; \{6, 5^2, 4^2, 3, 2\})$	16
60	$\mathcal{O}(0; \{12, 5^2, 4, 3^2, 2\})$	16
60	$\mathcal{O}(0; \{12, 6, 5^2, 4, 2^2\})$	16
60	$\mathcal{O}(0; \{12, 10^2, 6, 5, 4\})$	48
60	$\mathcal{O}(0; \{12^2, 5^2, 3, 2^2\})$	16
60	$\mathcal{O}(0; \{12^2, 6^2, 5^2\})$	48
60	$\mathcal{O}(0; \{12^2, 10^2, 5, 3\})$	48
60	$\mathcal{O}(0; \{12^3, 5^2, 4\})$	64
60	$\mathcal{O}(0; \{15, 12, 10, 5^2, 4\})$	208
60	$\mathcal{O}(0; \{15^2, 10, 6, 4^2\})$	48
60	$\mathcal{O}(0; \{15^2, 12, 10, 4, 3\})$	144
60	$\mathcal{O}(0; \{15^2, 12^2, 10, 2\})$	144
60	$\mathcal{O}(0; \{15^3, 5, 4^2\})$	208
60	$\mathcal{O}(0; \{20, 10, 4, 3^3, 2\})$	16
60	$\mathcal{O}(0; \{20, 10, 6, 4, 3, 2^2\})$	16
60	$\mathcal{O}(0; \{20, 10, 6^3, 4\})$	16
60	$\mathcal{O}(0; \{20, 12, 6, 5^3\})$	208
60	$\mathcal{O}(0; \{20, 12, 10, 3^2, 2^2\})$	16
60	$\mathcal{O}(0; \{20, 12, 10, 6, 2^3\})$	16
60	$\mathcal{O}(0; \{20, 12, 10, 6, 4^2\})$	64
60	$\mathcal{O}(0; \{20, 12, 10, 6^2, 3\})$	48
60	$\mathcal{O}(0; \{20, 12^2, 10, 4, 3\})$	64
60	$\mathcal{O}(0; \{20, 12^3, 10, 2\})$	64
60	$\mathcal{O}(0; \{20, 15, 5, 4, 3, 2^2\})$	48
60	$\mathcal{O}(0; \{20, 15, 6^2, 5, 4\})$	48
60	$\mathcal{O}(0; \{20, 15, 10^2, 4, 3\})$	208
60	$\mathcal{O}(0; \{20, 15, 12, 5, 2^3\})$	48
60	$\mathcal{O}(0; \{20, 15, 12, 5, 4^2\})$	192
60	$\mathcal{O}(0; \{20, 15, 12, 6, 5, 3\})$	144
60	$\mathcal{O}(0; \{20, 15, 12, 10^2, 2\})$	208
60	$\mathcal{O}(0; \{20^2, 10, 6, 5, 3\})$	208
60	$\mathcal{O}(0; \{20^2, 15, 5^2, 3\})$	816
60	$\mathcal{O}(0; \{20^2, 15^2, 3^2\})$	624
60	$\mathcal{O}(0; \{20^2, 15^2, 6, 2\})$	208
60	$\mathcal{O}(0; \{20^3, 6, 4, 3\})$	192
60	$\mathcal{O}(0; \{20^3, 12, 3^2\})$	192

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{20^3, 12, 6, 2\})$	192
60	$\mathcal{O}(0; \{30, 5, 4^2, 3^2, 2\})$	16
60	$\mathcal{O}(0; \{30, 6, 5, 4^2, 2^2\})$	16
60	$\mathcal{O}(0; \{30, 10^2, 6, 4^2\})$	48
60	$\mathcal{O}(0; \{30, 12, 5, 4, 3, 2^2\})$	16
60	$\mathcal{O}(0; \{30, 12, 6^2, 5, 4\})$	48
60	$\mathcal{O}(0; \{30, 12, 10^2, 4, 3\})$	48
60	$\mathcal{O}(0; \{30, 12^2, 5, 2^3\})$	16
60	$\mathcal{O}(0; \{30, 12^2, 5, 4^2\})$	64
60	$\mathcal{O}(0; \{30, 12^2, 6, 5, 3\})$	80
60	$\mathcal{O}(0; \{30, 12^2, 10^2, 2\})$	48
60	$\mathcal{O}(0; \{30, 15, 10, 5, 4^2\})$	208
60	$\mathcal{O}(0; \{30, 20, 6, 5^2, 4\})$	208
60	$\mathcal{O}(0; \{30, 20, 12, 5^2, 3\})$	208
60	$\mathcal{O}(0; \{30, 20, 15, 4, 2^3\})$	48
60	$\mathcal{O}(0; \{30, 20, 15, 4^3\})$	192
60	$\mathcal{O}(0; \{30, 20, 15, 6, 4, 3\})$	144
60	$\mathcal{O}(0; \{30, 20, 15, 12, 3^2\})$	240
60	$\mathcal{O}(0; \{30, 20, 15, 12, 6, 2\})$	144
60	$\mathcal{O}(0; \{30, 20^2, 10, 3^2\})$	208
60	$\mathcal{O}(0; \{30, 20^2, 10, 6, 2\})$	208
60	$\mathcal{O}(0; \{30, 20^2, 15, 5, 2\})$	816
60	$\mathcal{O}(0; \{30^2, 4^2, 3, 2^2\})$	16
60	$\mathcal{O}(0; \{30^2, 6^2, 4^2\})$	48
60	$\mathcal{O}(0; \{30^2, 12, 4, 2^3\})$	16
60	$\mathcal{O}(0; \{30^2, 12, 4^3\})$	64
60	$\mathcal{O}(0; \{30^2, 12, 6, 4, 3\})$	80
60	$\mathcal{O}(0; \{30^2, 12^2, 3^2\})$	176
60	$\mathcal{O}(0; \{30^2, 12^2, 6, 2\})$	80
60	$\mathcal{O}(0; \{30^2, 20, 5, 4, 3\})$	208
60	$\mathcal{O}(0; \{30^2, 20, 12, 5, 2\})$	208
60	$\mathcal{O}(0; \{30^3, 20, 4, 2\})$	208
60	$\mathcal{O}(0; \{60, 10, 5, 4, 3, 2^2\})$	48
60	$\mathcal{O}(0; \{60, 10, 6^2, 5, 4\})$	48
60	$\mathcal{O}(0; \{60, 10^3, 4, 3\})$	208
60	$\mathcal{O}(0; \{60, 12, 5^4\})$	816
60	$\mathcal{O}(0; \{60, 12, 10, 5, 2^3\})$	48
60	$\mathcal{O}(0; \{60, 12, 10, 5, 4^2\})$	192
60	$\mathcal{O}(0; \{60, 12, 10, 6, 5, 3\})$	144
60	$\mathcal{O}(0; \{60, 12, 10^3, 2\})$	208
60	$\mathcal{O}(0; \{60, 15, 6, 5^2, 4\})$	208
60	$\mathcal{O}(0; \{60, 15, 12, 5^2, 3\})$	624
60	$\mathcal{O}(0; \{60, 15^2, 4, 2^3\})$	48

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{60, 15^2, 4^3\})$	192
60	$\mathcal{O}(0; \{60, 15^2, 6, 4, 3\})$	240
60	$\mathcal{O}(0; \{60, 15^2, 12, 3^2\})$	528
60	$\mathcal{O}(0; \{60, 15^2, 12, 6, 2\})$	240
60	$\mathcal{O}(0; \{60, 20, 3, 2^5\})$	16
60	$\mathcal{O}(0; \{60, 20, 3^4, 2\})$	80
60	$\mathcal{O}(0; \{60, 20, 4^2, 3, 2^2\})$	64
60	$\mathcal{O}(0; \{60, 20, 6, 3^2, 2^2\})$	48
60	$\mathcal{O}(0; \{60, 20, 6^2, 2^3\})$	16
60	$\mathcal{O}(0; \{60, 20, 6^2, 4^2\})$	64
60	$\mathcal{O}(0; \{60, 20, 6^3, 3\})$	80
60	$\mathcal{O}(0; \{60, 20, 10, 5^2, 3\})$	816
60	$\mathcal{O}(0; \{60, 20, 12, 4, 2^3\})$	64
60	$\mathcal{O}(0; \{60, 20, 12, 4^3\})$	256
60	$\mathcal{O}(0; \{60, 20, 12, 6, 4, 3\})$	192
60	$\mathcal{O}(0; \{60, 20, 12^2, 3^2\})$	320
60	$\mathcal{O}(0; \{60, 20, 12^2, 6, 2\})$	192
60	$\mathcal{O}(0; \{60, 20, 15, 10, 3^2\})$	624
60	$\mathcal{O}(0; \{60, 20, 15, 10, 6, 2\})$	208
60	$\mathcal{O}(0; \{60, 20, 15^2, 5, 2\})$	816
60	$\mathcal{O}(0; \{60, 20^2, 5, 4, 3\})$	832
60	$\mathcal{O}(0; \{60, 20^2, 12, 5, 2\})$	832
60	$\mathcal{O}(0; \{60, 30, 5^3, 4\})$	816
60	$\mathcal{O}(0; \{60, 30, 10, 4, 2^3\})$	48
60	$\mathcal{O}(0; \{60, 30, 10, 4^3\})$	192
60	$\mathcal{O}(0; \{60, 30, 10, 6, 4, 3\})$	144
60	$\mathcal{O}(0; \{60, 30, 12, 10, 3^2\})$	240
60	$\mathcal{O}(0; \{60, 30, 12, 10, 6, 2\})$	144
60	$\mathcal{O}(0; \{60, 30, 15, 5, 4, 3\})$	624
60	$\mathcal{O}(0; \{60, 30, 15, 12, 5, 2\})$	624
60	$\mathcal{O}(0; \{60, 30, 20, 10, 5, 2\})$	816
60	$\mathcal{O}(0; \{60, 30, 20^2, 4, 2\})$	832
60	$\mathcal{O}(0; \{60, 30^2, 15, 4, 2\})$	624
60	$\mathcal{O}(0; \{60^2, 5, 3^2, 2^2\})$	144
60	$\mathcal{O}(0; \{60^2, 6, 5, 2^3\})$	48
60	$\mathcal{O}(0; \{60^2, 6, 5, 4^2\})$	192
60	$\mathcal{O}(0; \{60^2, 6^2, 5, 3\})$	240
60	$\mathcal{O}(0; \{60^2, 10^2, 3^2\})$	624
60	$\mathcal{O}(0; \{60^2, 10^2, 6, 2\})$	208
60	$\mathcal{O}(0; \{60^2, 12, 5, 4, 3\})$	576
60	$\mathcal{O}(0; \{60^2, 12^2, 5, 2\})$	576
60	$\mathcal{O}(0; \{60^2, 15, 10, 5, 2\})$	816
60	$\mathcal{O}(0; \{60^2, 20, 15, 4, 2\})$	832

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{60^2, 30, 3, 2^3\})$	144
60	$\mathcal{O}(0; \{60^2, 30, 4^2, 3\})$	576
60	$\mathcal{O}(0; \{60^2, 30, 6, 3^2\})$	528
60	$\mathcal{O}(0; \{60^2, 30, 6^2, 2\})$	240
60	$\mathcal{O}(0; \{60^2, 30, 12, 4, 2\})$	576
60	$\mathcal{O}(0; \{60^3, 10, 4, 2\})$	832
60	$\mathcal{O}(0; \{60^4, 3, 2\})$	4160
62	$\mathcal{O}(2; \{2^2\})$	14776320
62	$\mathcal{O}(1; \{2^6\})$	3840
63	$\mathcal{O}(1; \{63^3\})$	2143260
63	$\mathcal{O}(0; \{63, 9^2, 7, 3^2\})$	432
63	$\mathcal{O}(0; \{63^3, 3^3\})$	4320
64	$\mathcal{O}(1; \{64^2, 16\})$	1048576
64	$\mathcal{O}(0; \{64^2, 16, 2^4\})$	256
64	$\mathcal{O}(0; \{64^2, 16, 4^2, 2\})$	1024
64	$\mathcal{O}(0; \{64^2, 32^2, 2^2\})$	8192
64	$\mathcal{O}(0; \{64^4, 32\})$	524288
65	$\mathcal{O}(0; \{65^4, 13\})$	995280
66	$\mathcal{O}(1; \{11^2, 2^2\})$	38720
66	$\mathcal{O}(1; \{22^2, 11\})$	348480
66	$\mathcal{O}(0; \{11^2, 3^3, 2^2\})$	20
66	$\mathcal{O}(0; \{11^2, 6, 3, 2^3\})$	20
66	$\mathcal{O}(0; \{11^2, 6^2, 3^2\})$	60
66	$\mathcal{O}(0; \{11^2, 6^3, 2\})$	20
66	$\mathcal{O}(0; \{22^2, 11, 3^3\})$	180
66	$\mathcal{O}(0; \{22^2, 11, 6, 3, 2\})$	180
66	$\mathcal{O}(0; \{33^3, 11, 2^2\})$	1820
66	$\mathcal{O}(0; \{33^3, 22^2\})$	18180
66	$\mathcal{O}(0; \{66, 33, 22, 11, 2^2\})$	1820
66	$\mathcal{O}(0; \{66, 33, 22^3\})$	18180
66	$\mathcal{O}(0; \{66^2, 33^2, 11\})$	54540
66	$\mathcal{O}(0; \{66^3, 22, 11\})$	18180
70	$\mathcal{O}(0; \{14^2, 10^2, 2^2\})$	24
70	$\mathcal{O}(0; \{35, 14, 10, 7, 2^2\})$	120
70	$\mathcal{O}(0; \{35, 14^3, 10\})$	744
70	$\mathcal{O}(0; \{35^2, 7^2, 2^2\})$	744
70	$\mathcal{O}(0; \{35^2, 14^2, 7\})$	4440
70	$\mathcal{O}(0; \{70, 35, 10, 5, 2^2\})$	312
70	$\mathcal{O}(0; \{70, 35, 10^3\})$	1224
70	$\mathcal{O}(0; \{70, 35^2, 14, 5\})$	9672
70	$\mathcal{O}(0; \{70^2, 14, 10, 7\})$	2232
70	$\mathcal{O}(0; \{70^2, 35, 7^2\})$	13320
70	$\mathcal{O}(0; \{70^3, 10, 5\})$	6120

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
72	$\mathcal{O}(1; \{24^2, 3\})$	36864
72	$\mathcal{O}(0; \{18, 9, 8^2, 2^2\})$	24
72	$\mathcal{O}(0; \{18^3, 8^2\})$	72
72	$\mathcal{O}(0; \{24, 18, 12, 9, 8\})$	192
72	$\mathcal{O}(0; \{24^2, 9^3\})$	288
72	$\mathcal{O}(0; \{24^2, 18, 9, 6\})$	192
72	$\mathcal{O}(0; \{36, 18, 12, 8^2\})$	192
72	$\mathcal{O}(0; \{36, 24, 9^2, 8\})$	288
72	$\mathcal{O}(0; \{36, 24, 18, 8, 6\})$	192
72	$\mathcal{O}(0; \{36, 24^2, 18, 4\})$	384
72	$\mathcal{O}(0; \{36^2, 9, 8^2\})$	288
72	$\mathcal{O}(0; \{72, 9, 8, 3^2, 2\})$	96
72	$\mathcal{O}(0; \{72, 9, 8, 6, 2^2\})$	48
72	$\mathcal{O}(0; \{72, 12^2, 9, 8\})$	384
72	$\mathcal{O}(0; \{72, 18, 9^2, 8\})$	648
72	$\mathcal{O}(0; \{72, 18^2, 8, 6\})$	144
72	$\mathcal{O}(0; \{72, 24, 9, 4, 2^2\})$	96
72	$\mathcal{O}(0; \{72, 24, 9, 8^2\})$	768
72	$\mathcal{O}(0; \{72, 24, 12, 9, 6\})$	384
72	$\mathcal{O}(0; \{72, 24, 18^2, 4\})$	288
72	$\mathcal{O}(0; \{72, 36, 8, 4, 2^2\})$	96
72	$\mathcal{O}(0; \{72, 36, 8^3\})$	768
72	$\mathcal{O}(0; \{72, 36, 12, 8, 6\})$	384
72	$\mathcal{O}(0; \{72, 36, 24, 3, 2^2\})$	192
72	$\mathcal{O}(0; \{72, 36, 24, 6^2\})$	384
72	$\mathcal{O}(0; \{72, 36, 24, 12, 4\})$	768
72	$\mathcal{O}(0; \{72^2, 9^2, 6\})$	1296
72	$\mathcal{O}(0; \{72^2, 18, 3, 2^2\})$	144
72	$\mathcal{O}(0; \{72^2, 18, 6^2\})$	288
72	$\mathcal{O}(0; \{72^2, 18, 12, 4\})$	576
72	$\mathcal{O}(0; \{72^2, 36, 9, 4\})$	2592
72	$\mathcal{O}(0; \{72^2, 36^2, 3\})$	5184
72	$\mathcal{O}(0; \{72^3, 8, 4\})$	2304
72	$\mathcal{O}(0; \{72^3, 24, 3\})$	4608
75	$\mathcal{O}(0; \{25^3, 15, 3\})$	2400
75	$\mathcal{O}(0; \{75, 25, 15, 5^2\})$	2560
75	$\mathcal{O}(0; \{75, 25, 15^2, 3\})$	1920
76	$\mathcal{O}(0; \{38^2, 4^2, 2^2\})$	36
76	$\mathcal{O}(0; \{76^2, 38, 2^3\})$	612
76	$\mathcal{O}(0; \{76^2, 38, 4^2\})$	2448
76	$\mathcal{O}(0; \{76^4, 2\})$	44208
78	$\mathcal{O}(1; \{26, 13, 2\})$	64896
78	$\mathcal{O}(0; \{26, 13, 3^3, 2\})$	24

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
78	$\mathcal{O}(0; \{26, 13, 6, 3, 2^2\})$	24
78	$\mathcal{O}(0; \{26, 13, 6^3\})$	24
78	$\mathcal{O}(0; \{26^3, 6, 3\})$	264
78	$\mathcal{O}(0; \{39^3, 26, 2\})$	3192
78	$\mathcal{O}(0; \{78, 39, 13, 2^3\})$	264
78	$\mathcal{O}(0; \{78, 39, 13, 6, 3\})$	792
78	$\mathcal{O}(0; \{78, 39, 26^2, 2\})$	3192
78	$\mathcal{O}(0; \{78^3, 13, 2\})$	3192
80	$\mathcal{O}(0; \{16^2, 10, 5, 4\})$	64
80	$\mathcal{O}(0; \{40^2, 16^2, 2\})$	512
80	$\mathcal{O}(0; \{80, 16, 5^3\})$	416
80	$\mathcal{O}(0; \{80, 16, 10, 2^3\})$	32
80	$\mathcal{O}(0; \{80, 16, 10, 4^2\})$	128
80	$\mathcal{O}(0; \{80, 20^2, 16, 2\})$	384
80	$\mathcal{O}(0; \{80^2, 5^2, 4\})$	832
80	$\mathcal{O}(0; \{80^2, 20, 10, 2\})$	832
80	$\mathcal{O}(0; \{80^2, 40, 8, 2\})$	1536
81	$\mathcal{O}(0; \{81^3, 3^2\})$	5832
84	$\mathcal{O}(0; \{12, 7^2, 6, 4\})$	24
84	$\mathcal{O}(0; \{12^2, 7^2, 3\})$	24
84	$\mathcal{O}(0; \{21, 14, 6, 4^2\})$	24
84	$\mathcal{O}(0; \{21, 14, 12, 4, 3\})$	24
84	$\mathcal{O}(0; \{21, 14, 12^2, 2\})$	24
84	$\mathcal{O}(0; \{28^2, 21, 3^2\})$	120
84	$\mathcal{O}(0; \{28^2, 21, 6, 2\})$	120
84	$\mathcal{O}(0; \{42, 28, 7, 4, 3\})$	120
84	$\mathcal{O}(0; \{42, 28, 12, 7, 2\})$	120
84	$\mathcal{O}(0; \{84, 21, 7, 4, 3\})$	120
84	$\mathcal{O}(0; \{84, 21, 12, 7, 2\})$	120
84	$\mathcal{O}(0; \{84, 28, 14, 3^2\})$	120
84	$\mathcal{O}(0; \{84, 28, 14, 6, 2\})$	120
84	$\mathcal{O}(0; \{84, 42, 4, 2^3\})$	24
84	$\mathcal{O}(0; \{84, 42, 4^3\})$	96
84	$\mathcal{O}(0; \{84, 42, 6, 4, 3\})$	72
84	$\mathcal{O}(0; \{84, 42, 12, 3^2\})$	120
84	$\mathcal{O}(0; \{84, 42, 12, 6, 2\})$	72
84	$\mathcal{O}(0; \{84^3, 4, 2\})$	480
88	$\mathcal{O}(0; \{22, 11, 8^2, 2\})$	40
90	$\mathcal{O}(0; \{18, 15, 9, 5, 2\})$	48
90	$\mathcal{O}(0; \{45, 10, 9, 5, 2\})$	72
90	$\mathcal{O}(0; \{45^2, 18, 3, 2\})$	144
90	$\mathcal{O}(0; \{90, 9^2, 5, 2\})$	72
90	$\mathcal{O}(0; \{90, 18, 5, 3^2\})$	96

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
90	$\mathcal{O}(0; \{90, 18, 6, 5, 2\})$	48
90	$\mathcal{O}(0; \{90, 30, 18, 3, 2\})$	96
90	$\mathcal{O}(0; \{90, 45, 5^2, 2\})$	312
90	$\mathcal{O}(0; \{90, 45, 15, 3, 2\})$	288
93	$\mathcal{O}(2; \emptyset)$	73881600
93	$\mathcal{O}(1; \{3^3\})$	17280
94	$\mathcal{O}(1; \{94^2\})$	406456
94	$\mathcal{O}(0; \{94^2, 2^4\})$	46
95	$\mathcal{O}(0; \{95^4\})$	287352
96	$\mathcal{O}(1; \{32^2\})$	131072
96	$\mathcal{O}(0; \{32^2, 3^3\})$	32
96	$\mathcal{O}(0; \{32^2, 6, 3, 2\})$	32
96	$\mathcal{O}(0; \{96, 48, 32, 2^2\})$	256
96	$\mathcal{O}(0; \{96^2, 24, 2^2\})$	128
96	$\mathcal{O}(0; \{96^2, 48^2\})$	6144
96	$\mathcal{O}(0; \{96^3, 32\})$	8192
98	$\mathcal{O}(0; \{98, 49, 14, 2^2\})$	252
98	$\mathcal{O}(0; \{98^3, 14\})$	8820
99	$\mathcal{O}(0; \{99^3, 11\})$	16380
100	$\mathcal{O}(0; \{50^2, 20^2\})$	640
100	$\mathcal{O}(0; \{100, 25^2, 20\})$	2400
100	$\mathcal{O}(0; \{100^2, 50, 10\})$	2400
104	$\mathcal{O}(0; \{104, 13, 8, 2^2\})$	48
104	$\mathcal{O}(0; \{104, 26^2, 8\})$	528
105	$\mathcal{O}(0; \{21^2, 15^2\})$	144
105	$\mathcal{O}(0; \{105, 35, 21, 7\})$	1488
105	$\mathcal{O}(0; \{105^2, 15, 7\})$	720
105	$\mathcal{O}(0; \{105^3, 5\})$	3120
108	$\mathcal{O}(0; \{108, 54, 4, 2^2\})$	36
108	$\mathcal{O}(0; \{108, 54, 12, 6\})$	144
108	$\mathcal{O}(0; \{108^3, 4\})$	1296
110	$\mathcal{O}(0; \{55, 11, 5, 2^2\})$	40
110	$\mathcal{O}(0; \{55, 11, 10^2\})$	120
110	$\mathcal{O}(0; \{55, 22^2, 5\})$	360
110	$\mathcal{O}(0; \{110^2, 11, 5\})$	1080
112	$\mathcal{O}(0; \{16^2, 14, 7\})$	48
112	$\mathcal{O}(0; \{112, 16, 8, 7\})$	192
112	$\mathcal{O}(0; \{112, 56, 16, 4\})$	384
112	$\mathcal{O}(0; \{112^2, 14, 4\})$	480
114	$\mathcal{O}(0; \{57^2, 3, 2^2\})$	36
114	$\mathcal{O}(0; \{57^2, 6^2\})$	108
114	$\mathcal{O}(0; \{114, 38, 3, 2^2\})$	36
114	$\mathcal{O}(0; \{114, 38, 6^2\})$	36

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Table 4 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
114	$\mathcal{O}(0; \{114^2, 57, 3\})$	1836
120	$\mathcal{O}(0; \{40, 24, 20, 3\})$	64
120	$\mathcal{O}(0; \{40^2, 15, 3\})$	96
120	$\mathcal{O}(0; \{120, 15, 8, 4\})$	64
120	$\mathcal{O}(0; \{120, 24, 5^2\})$	96
120	$\mathcal{O}(0; \{120, 24, 15, 3\})$	96
120	$\mathcal{O}(0; \{120, 40, 6, 4\})$	64
120	$\mathcal{O}(0; \{120, 40, 12, 3\})$	64
120	$\mathcal{O}(0; \{120^2, 10, 3\})$	96
124	$\mathcal{O}(1; \{4^2\})$	30720
126	$\mathcal{O}(0; \{126, 14, 9, 3\})$	72
126	$\mathcal{O}(0; \{126, 63, 2^3\})$	36
126	$\mathcal{O}(0; \{126, 63, 6, 3\})$	144
126	$\mathcal{O}(0; \{126^3, 2\})$	540
128	$\mathcal{O}(0; \{128^2, 32, 2\})$	1024
130	$\mathcal{O}(0; \{65^2, 26, 2\})$	528
141	$\mathcal{O}(0; \{141^2, 3^2\})$	276
162	$\mathcal{O}(0; \{162, 81, 3, 2\})$	108
186	$\mathcal{O}(1; \{2^2\})$	30720
188	$\mathcal{O}(0; \{188^2, 2^2\})$	92
189	$\mathcal{O}(0; \{189^3\})$	4860
190	$\mathcal{O}(0; \{95^2, 2^2\})$	72
190	$\mathcal{O}(0; \{190^2, 95\})$	3672
192	$\mathcal{O}(0; \{192, 96, 64\})$	1024
192	$\mathcal{O}(0; \{192^2, 48\})$	512
195	$\mathcal{O}(0; \{195, 65, 39\})$	1056
196	$\mathcal{O}(0; \{196, 98, 28\})$	504
198	$\mathcal{O}(0; \{198, 99, 22\})$	540
200	$\mathcal{O}(0; \{200, 40, 25\})$	320
208	$\mathcal{O}(0; \{208, 26, 16\})$	96
210	$\mathcal{O}(0; \{105, 30, 14\})$	48
210	$\mathcal{O}(0; \{210, 105, 10\})$	144
216	$\mathcal{O}(0; \{216, 108, 8\})$	144
228	$\mathcal{O}(0; \{228, 76, 6\})$	72
235	$\mathcal{O}(0; \{235^2, 5\})$	552
240	$\mathcal{O}(0; \{240, 48, 5\})$	64
252	$\mathcal{O}(0; \{252, 126, 4\})$	72
282	$\mathcal{O}(0; \{282^2, 3\})$	92
285	$\mathcal{O}(0; \{285, 95, 3\})$	144
376	$\mathcal{O}(0; \{376^2, 2\})$	184
378	$\mathcal{O}(0; \{378, 189, 2\})$	108

Table 5: 95-admissible orbifolds.

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
1	$\mathcal{O}(95; \emptyset)$	1
2	$\mathcal{O}(48; \emptyset)$	79228162514264337593543950335
2	$\mathcal{O}(47; \{2^4\})$	19807040628566084398385987584
2	$\mathcal{O}(46; \{2^8\})$	4951760157141521099596496896
2	$\mathcal{O}(45; \{2^{12}\})$	1237940039285380274899124224
2	$\mathcal{O}(44; \{2^{16}\})$	309485009821345068724781056
2	$\mathcal{O}(43; \{2^{20}\})$	77371252455336267181195264
2	$\mathcal{O}(42; \{2^{24}\})$	19342813113834066795298816
2	$\mathcal{O}(41; \{2^{28}\})$	4835703278458516698824704
2	$\mathcal{O}(40; \{2^{32}\})$	1208925819614629174706176
2	$\mathcal{O}(39; \{2^{36}\})$	302231454903657293676544
2	$\mathcal{O}(38; \{2^{40}\})$	75557863725914323419136
2	$\mathcal{O}(37; \{2^{44}\})$	18889465931478580854784
2	$\mathcal{O}(36; \{2^{48}\})$	4722366482869645213696
2	$\mathcal{O}(35; \{2^{52}\})$	1180591620717411303424
2	$\mathcal{O}(34; \{2^{56}\})$	295147905179352825856
2	$\mathcal{O}(33; \{2^{60}\})$	73786976294838206464
2	$\mathcal{O}(32; \{2^{64}\})$	18446744073709551616
2	$\mathcal{O}(31; \{2^{68}\})$	4611686018427387904
2	$\mathcal{O}(30; \{2^{72}\})$	1152921504606846976
2	$\mathcal{O}(29; \{2^{76}\})$	288230376151711744
2	$\mathcal{O}(28; \{2^{80}\})$	72057594037927936
2	$\mathcal{O}(27; \{2^{84}\})$	18014398509481984
2	$\mathcal{O}(26; \{2^{88}\})$	4503599627370496
2	$\mathcal{O}(25; \{2^{92}\})$	1125899906842624
2	$\mathcal{O}(24; \{2^{96}\})$	281474976710656
2	$\mathcal{O}(23; \{2^{100}\})$	70368744177664
2	$\mathcal{O}(22; \{2^{104}\})$	17592186044416
2	$\mathcal{O}(21; \{2^{108}\})$	4398046511104
2	$\mathcal{O}(20; \{2^{112}\})$	1099511627776
2	$\mathcal{O}(19; \{2^{116}\})$	274877906944
2	$\mathcal{O}(18; \{2^{120}\})$	68719476736
2	$\mathcal{O}(17; \{2^{124}\})$	17179869184
2	$\mathcal{O}(16; \{2^{128}\})$	4294967296
2	$\mathcal{O}(15; \{2^{132}\})$	1073741824
2	$\mathcal{O}(14; \{2^{136}\})$	268435456
2	$\mathcal{O}(13; \{2^{140}\})$	67108864
2	$\mathcal{O}(12; \{2^{144}\})$	16777216
2	$\mathcal{O}(11; \{2^{148}\})$	4194304
2	$\mathcal{O}(10; \{2^{152}\})$	1048576
2	$\mathcal{O}(9; \{2^{156}\})$	262144
2	$\mathcal{O}(8; \{2^{160}\})$	65536

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
2	$\mathcal{O}(7; \{2^{164}\})$	16384
2	$\mathcal{O}(6; \{2^{168}\})$	4096
2	$\mathcal{O}(5; \{2^{172}\})$	1024
2	$\mathcal{O}(4; \{2^{176}\})$	256
2	$\mathcal{O}(3; \{2^{180}\})$	64
2	$\mathcal{O}(2; \{2^{184}\})$	16
2	$\mathcal{O}(1; \{2^{188}\})$	4
2	$\mathcal{O}(0; \{2^{192}\})$	1
3	$\mathcal{O}(31; \{3^4\})$	2289122546861674989771899392854
3	$\mathcal{O}(30; \{3^7\})$	1780428647559080547600366194442
3	$\mathcal{O}(29; \{3^{10}\})$	1610864014458215733543188461638
3	$\mathcal{O}(28; \{3^{13}\})$	1428739038164694266592886452330
3	$\mathcal{O}(27; \{3^{16}\})$	1270339154568413143996263631974
3	$\mathcal{O}(26; \{3^{19}\})$	1129151593125031879067996301642
3	$\mathcal{O}(25; \{3^{22}\})$	1003694612387954488064862667398
3	$\mathcal{O}(24; \{3^{25}\})$	892172510190634417044818746410
3	$\mathcal{O}(23; \{3^{28}\})$	793042284458192644177067683494
3	$\mathcal{O}(22; \{3^{31}\})$	704926469165323603944614988042
3	$\mathcal{O}(21; \{3^{34}\})$	626601306581246027184287477958
3	$\mathcal{O}(20; \{3^{37}\})$	556978939110383809187247296490
3	$\mathcal{O}(19; \{3^{40}\})$	495092390328446274028035549414
3	$\mathcal{O}(18; \{3^{43}\})$	440082124735496120213138493642
3	$\mathcal{O}(17; \{3^{46}\})$	391184110876096614390765549318
3	$\mathcal{O}(16; \{3^{49}\})$	347719209667630316892880710570
3	$\mathcal{O}(15; \{3^{52}\})$	309083741926783739251575421734
3	$\mathcal{O}(14; \{3^{55}\})$	274741103934918742073978978442
3	$\mathcal{O}(13; \{3^{58}\})$	244214314608816674872509617478
3	$\mathcal{O}(12; \{3^{61}\})$	217079390763392598192097996650
3	$\mathcal{O}(11; \{3^{64}\})$	192959458456348976359040132454
3	$\mathcal{O}(10; \{3^{67}\})$	171519518627865756742670522442
3	$\mathcal{O}(9; \{3^{70}\})$	152461794335880672662476098438
3	$\mathcal{O}(8; \{3^{73}\})$	135521594965227264588609362730
3	$\mathcal{O}(7; \{3^{76}\})$	120463639969090901856570353574
3	$\mathcal{O}(6; \{3^{79}\})$	107078791083636357205837125642
3	$\mathcal{O}(5; \{3^{82}\})$	95181147629898984182966688198
3	$\mathcal{O}(4; \{3^{85}\})$	84605464559910208162637016810
3	$\mathcal{O}(3; \{3^{88}\})$	75204857386586851700121797094
3	$\mathcal{O}(2; \{3^{91}\})$	66848762121410534844552708042
3	$\mathcal{O}(1; \{3^{94}\})$	59421121885698253195157962758
3	$\mathcal{O}(0; \{3^{97}\})$	52818775009509558395695966890
4	$\mathcal{O}(24; \{2^2\})$	79228162514264056118567239680
4	$\mathcal{O}(23; \{2^6\})$	4951760157141450730852319232
4	$\mathcal{O}(23; \{4^2, 2^3\})$	9903520314283042199192993792

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(23; \{4^4\})$	39614081257132168796771975168
4	$\mathcal{O}(22; \{2^{10}\})$	309485009821327476538736640
4	$\mathcal{O}(22; \{4^2, 2^7\})$	618970019642690137449562112
4	$\mathcal{O}(22; \{4^4, 2^4\})$	2475880078570760549798248448
4	$\mathcal{O}(22; \{4^6, 2\})$	9903520314283042199192993792
4	$\mathcal{O}(21; \{2^{14}\})$	19342813113829668748787712
4	$\mathcal{O}(21; \{4^2, 2^{11}\})$	38685626227668133590597632
4	$\mathcal{O}(21; \{4^4, 2^8\})$	154742504910672534362390528
4	$\mathcal{O}(21; \{4^6, 2^5\})$	618970019642690137449562112
4	$\mathcal{O}(21; \{4^8, 2^2\})$	2475880078570760549798248448
4	$\mathcal{O}(20; \{2^{18}\})$	1208925819613529663078400
4	$\mathcal{O}(20; \{4^2, 2^{15}\})$	2417851639229258349412352
4	$\mathcal{O}(20; \{4^4, 2^{12}\})$	9671406556917033397649408
4	$\mathcal{O}(20; \{4^6, 2^9\})$	38685626227668133590597632
4	$\mathcal{O}(20; \{4^8, 2^6\})$	154742504910672534362390528
4	$\mathcal{O}(20; \{4^{10}, 2^3\})$	618970019642690137449562112
4	$\mathcal{O}(20; \{4^{12}\})$	2475880078570760549798248448
4	$\mathcal{O}(19; \{2^{22}\})$	75557863725639445512192
4	$\mathcal{O}(19; \{4^2, 2^{19}\})$	151115727451828646838272
4	$\mathcal{O}(19; \{4^4, 2^{16}\})$	604462909807314587353088
4	$\mathcal{O}(19; \{4^6, 2^{13}\})$	2417851639229258349412352
4	$\mathcal{O}(19; \{4^8, 2^{10}\})$	9671406556917033397649408
4	$\mathcal{O}(19; \{4^{10}, 2^7\})$	38685626227668133590597632
4	$\mathcal{O}(19; \{4^{12}, 2^4\})$	154742504910672534362390528
4	$\mathcal{O}(19; \{4^{14}, 2\})$	618970019642690137449562112
4	$\mathcal{O}(18; \{2^{26}\})$	4722366482800925736960
4	$\mathcal{O}(18; \{4^2, 2^{23}\})$	9444732965739290427392
4	$\mathcal{O}(18; \{4^4, 2^{20}\})$	37778931862957161709568
4	$\mathcal{O}(18; \{4^6, 2^{17}\})$	151115727451828646838272
4	$\mathcal{O}(18; \{4^8, 2^{14}\})$	604462909807314587353088
4	$\mathcal{O}(18; \{4^{10}, 2^{11}\})$	2417851639229258349412352
4	$\mathcal{O}(18; \{4^{12}, 2^8\})$	9671406556917033397649408
4	$\mathcal{O}(18; \{4^{14}, 2^5\})$	38685626227668133590597632
4	$\mathcal{O}(18; \{4^{16}, 2^2\})$	154742504910672534362390528
4	$\mathcal{O}(17; \{2^{30}\})$	295147905162172956672
4	$\mathcal{O}(17; \{4^2, 2^{27}\})$	590295810358705651712
4	$\mathcal{O}(17; \{4^4, 2^{24}\})$	2361183241434822606848
4	$\mathcal{O}(17; \{4^6, 2^{21}\})$	9444732965739290427392
4	$\mathcal{O}(17; \{4^8, 2^{18}\})$	37778931862957161709568
4	$\mathcal{O}(17; \{4^{10}, 2^{15}\})$	151115727451828646838272
4	$\mathcal{O}(17; \{4^{12}, 2^{12}\})$	604462909807314587353088
4	$\mathcal{O}(17; \{4^{14}, 2^9\})$	2417851639229258349412352
4	$\mathcal{O}(17; \{4^{16}, 2^6\})$	9671406556917033397649408

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(17; \{4^{18}, 2^3\})$	38685626227668133590597632
4	$\mathcal{O}(17; \{4^{20}\})$	154742504910672534362390528
4	$\mathcal{O}(16; \{2^{34}\})$	18446744069414584320
4	$\mathcal{O}(16; \{4^2, 2^{31}\})$	36893488147419103232
4	$\mathcal{O}(16; \{4^4, 2^{28}\})$	147573952589676412928
4	$\mathcal{O}(16; \{4^6, 2^{25}\})$	590295810358705651712
4	$\mathcal{O}(16; \{4^8, 2^{22}\})$	2361183241434822606848
4	$\mathcal{O}(16; \{4^{10}, 2^{19}\})$	9444732965739290427392
4	$\mathcal{O}(16; \{4^{12}, 2^{16}\})$	37778931862957161709568
4	$\mathcal{O}(16; \{4^{14}, 2^{13}\})$	151115727451828646838272
4	$\mathcal{O}(16; \{4^{16}, 2^{10}\})$	604462909807314587353088
4	$\mathcal{O}(16; \{4^{18}, 2^7\})$	2417851639229258349412352
4	$\mathcal{O}(16; \{4^{20}, 2^4\})$	9671406556917033397649408
4	$\mathcal{O}(16; \{4^{22}, 2\})$	38685626227668133590597632
4	$\mathcal{O}(15; \{2^{38}\})$	1152921503533105152
4	$\mathcal{O}(15; \{4^2, 2^{35}\})$	2305843009213693952
4	$\mathcal{O}(15; \{4^4, 2^{32}\})$	9223372036854775808
4	$\mathcal{O}(15; \{4^6, 2^{29}\})$	36893488147419103232
4	$\mathcal{O}(15; \{4^8, 2^{26}\})$	147573952589676412928
4	$\mathcal{O}(15; \{4^{10}, 2^{23}\})$	590295810358705651712
4	$\mathcal{O}(15; \{4^{12}, 2^{20}\})$	2361183241434822606848
4	$\mathcal{O}(15; \{4^{14}, 2^{17}\})$	9444732965739290427392
4	$\mathcal{O}(15; \{4^{16}, 2^{14}\})$	37778931862957161709568
4	$\mathcal{O}(15; \{4^{18}, 2^{11}\})$	151115727451828646838272
4	$\mathcal{O}(15; \{4^{20}, 2^8\})$	604462909807314587353088
4	$\mathcal{O}(15; \{4^{22}, 2^5\})$	2417851639229258349412352
4	$\mathcal{O}(15; \{4^{24}, 2^2\})$	9671406556917033397649408
4	$\mathcal{O}(14; \{2^{42}\})$	72057593769492480
4	$\mathcal{O}(14; \{4^2, 2^{39}\})$	144115188075855872
4	$\mathcal{O}(14; \{4^4, 2^{36}\})$	576460752303423488
4	$\mathcal{O}(14; \{4^6, 2^{33}\})$	2305843009213693952
4	$\mathcal{O}(14; \{4^8, 2^{30}\})$	9223372036854775808
4	$\mathcal{O}(14; \{4^{10}, 2^{27}\})$	36893488147419103232
4	$\mathcal{O}(14; \{4^{12}, 2^{24}\})$	147573952589676412928
4	$\mathcal{O}(14; \{4^{14}, 2^{21}\})$	590295810358705651712
4	$\mathcal{O}(14; \{4^{16}, 2^{18}\})$	2361183241434822606848
4	$\mathcal{O}(14; \{4^{18}, 2^{15}\})$	9444732965739290427392
4	$\mathcal{O}(14; \{4^{20}, 2^{12}\})$	37778931862957161709568
4	$\mathcal{O}(14; \{4^{22}, 2^9\})$	151115727451828646838272
4	$\mathcal{O}(14; \{4^{24}, 2^6\})$	604462909807314587353088
4	$\mathcal{O}(14; \{4^{26}, 2^3\})$	2417851639229258349412352
4	$\mathcal{O}(14; \{4^{28}\})$	9671406556917033397649408
4	$\mathcal{O}(13; \{2^{46}\})$	4503599560261632

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(13; \{4^2, 2^{43}\})$	9007199254740992
4	$\mathcal{O}(13; \{4^4, 2^{40}\})$	36028797018963968
4	$\mathcal{O}(13; \{4^6, 2^{37}\})$	144115188075855872
4	$\mathcal{O}(13; \{4^8, 2^{34}\})$	576460752303423488
4	$\mathcal{O}(13; \{4^{10}, 2^{31}\})$	2305843009213693952
4	$\mathcal{O}(13; \{4^{12}, 2^{28}\})$	9223372036854775808
4	$\mathcal{O}(13; \{4^{14}, 2^{25}\})$	36893488147419103232
4	$\mathcal{O}(13; \{4^{16}, 2^{22}\})$	147573952589676412928
4	$\mathcal{O}(13; \{4^{18}, 2^{19}\})$	590295810358705651712
4	$\mathcal{O}(13; \{4^{20}, 2^{16}\})$	2361183241434822606848
4	$\mathcal{O}(13; \{4^{22}, 2^{13}\})$	9444732965739290427392
4	$\mathcal{O}(13; \{4^{24}, 2^{10}\})$	37778931862957161709568
4	$\mathcal{O}(13; \{4^{26}, 2^7\})$	151115727451828646838272
4	$\mathcal{O}(13; \{4^{28}, 2^4\})$	604462909807314587353088
4	$\mathcal{O}(13; \{4^{30}, 2\})$	2417851639229258349412352
4	$\mathcal{O}(12; \{2^{50}\})$	281474959933440
4	$\mathcal{O}(12; \{4^2, 2^{47}\})$	562949953421312
4	$\mathcal{O}(12; \{4^4, 2^{44}\})$	2251799813685248
4	$\mathcal{O}(12; \{4^6, 2^{41}\})$	9007199254740992
4	$\mathcal{O}(12; \{4^8, 2^{38}\})$	36028797018963968
4	$\mathcal{O}(12; \{4^{10}, 2^{35}\})$	144115188075855872
4	$\mathcal{O}(12; \{4^{12}, 2^{32}\})$	576460752303423488
4	$\mathcal{O}(12; \{4^{14}, 2^{29}\})$	2305843009213693952
4	$\mathcal{O}(12; \{4^{16}, 2^{26}\})$	9223372036854775808
4	$\mathcal{O}(12; \{4^{18}, 2^{23}\})$	36893488147419103232
4	$\mathcal{O}(12; \{4^{20}, 2^{20}\})$	147573952589676412928
4	$\mathcal{O}(12; \{4^{22}, 2^{17}\})$	590295810358705651712
4	$\mathcal{O}(12; \{4^{24}, 2^{14}\})$	2361183241434822606848
4	$\mathcal{O}(12; \{4^{26}, 2^{11}\})$	9444732965739290427392
4	$\mathcal{O}(12; \{4^{28}, 2^8\})$	37778931862957161709568
4	$\mathcal{O}(12; \{4^{30}, 2^5\})$	151115727451828646838272
4	$\mathcal{O}(12; \{4^{32}, 2^2\})$	604462909807314587353088
4	$\mathcal{O}(11; \{2^{54}\})$	17592181850112
4	$\mathcal{O}(11; \{4^2, 2^{51}\})$	35184372088832
4	$\mathcal{O}(11; \{4^4, 2^{48}\})$	140737488355328
4	$\mathcal{O}(11; \{4^6, 2^{45}\})$	562949953421312
4	$\mathcal{O}(11; \{4^8, 2^{42}\})$	2251799813685248
4	$\mathcal{O}(11; \{4^{10}, 2^{39}\})$	9007199254740992
4	$\mathcal{O}(11; \{4^{12}, 2^{36}\})$	36028797018963968
4	$\mathcal{O}(11; \{4^{14}, 2^{33}\})$	144115188075855872
4	$\mathcal{O}(11; \{4^{16}, 2^{30}\})$	576460752303423488
4	$\mathcal{O}(11; \{4^{18}, 2^{27}\})$	2305843009213693952
4	$\mathcal{O}(11; \{4^{20}, 2^{24}\})$	9223372036854775808

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(11; \{4^{22}, 2^{21}\})$	36893488147419103232
4	$\mathcal{O}(11; \{4^{24}, 2^{18}\})$	147573952589676412928
4	$\mathcal{O}(11; \{4^{26}, 2^{15}\})$	590295810358705651712
4	$\mathcal{O}(11; \{4^{28}, 2^{12}\})$	2361183241434822606848
4	$\mathcal{O}(11; \{4^{30}, 2^9\})$	9444732965739290427392
4	$\mathcal{O}(11; \{4^{32}, 2^6\})$	37778931862957161709568
4	$\mathcal{O}(11; \{4^{34}, 2^3\})$	151115727451828646838272
4	$\mathcal{O}(11; \{4^{36}\})$	604462909807314587353088
4	$\mathcal{O}(10; \{2^{58}\})$	1099510579200
4	$\mathcal{O}(10; \{4^2, 2^{55}\})$	2199023255552
4	$\mathcal{O}(10; \{4^4, 2^{52}\})$	8796093022208
4	$\mathcal{O}(10; \{4^6, 2^{49}\})$	35184372088832
4	$\mathcal{O}(10; \{4^8, 2^{46}\})$	140737488355328
4	$\mathcal{O}(10; \{4^{10}, 2^{43}\})$	562949953421312
4	$\mathcal{O}(10; \{4^{12}, 2^{40}\})$	2251799813685248
4	$\mathcal{O}(10; \{4^{14}, 2^{37}\})$	9007199254740992
4	$\mathcal{O}(10; \{4^{16}, 2^{34}\})$	36028797018963968
4	$\mathcal{O}(10; \{4^{18}, 2^{31}\})$	144115188075855872
4	$\mathcal{O}(10; \{4^{20}, 2^{28}\})$	576460752303423488
4	$\mathcal{O}(10; \{4^{22}, 2^{25}\})$	2305843009213693952
4	$\mathcal{O}(10; \{4^{24}, 2^{22}\})$	9223372036854775808
4	$\mathcal{O}(10; \{4^{26}, 2^{19}\})$	36893488147419103232
4	$\mathcal{O}(10; \{4^{28}, 2^{16}\})$	147573952589676412928
4	$\mathcal{O}(10; \{4^{30}, 2^{13}\})$	590295810358705651712
4	$\mathcal{O}(10; \{4^{32}, 2^{10}\})$	2361183241434822606848
4	$\mathcal{O}(10; \{4^{34}, 2^7\})$	9444732965739290427392
4	$\mathcal{O}(10; \{4^{36}, 2^4\})$	37778931862957161709568
4	$\mathcal{O}(10; \{4^{38}, 2\})$	151115727451828646838272
4	$\mathcal{O}(9; \{2^{62}\})$	68719214592
4	$\mathcal{O}(9; \{4^2, 2^{59}\})$	137438953472
4	$\mathcal{O}(9; \{4^4, 2^{56}\})$	549755813888
4	$\mathcal{O}(9; \{4^6, 2^{53}\})$	2199023255552
4	$\mathcal{O}(9; \{4^8, 2^{50}\})$	8796093022208
4	$\mathcal{O}(9; \{4^{10}, 2^{47}\})$	35184372088832
4	$\mathcal{O}(9; \{4^{12}, 2^{44}\})$	140737488355328
4	$\mathcal{O}(9; \{4^{14}, 2^{41}\})$	562949953421312
4	$\mathcal{O}(9; \{4^{16}, 2^{38}\})$	2251799813685248
4	$\mathcal{O}(9; \{4^{18}, 2^{35}\})$	9007199254740992
4	$\mathcal{O}(9; \{4^{20}, 2^{32}\})$	36028797018963968
4	$\mathcal{O}(9; \{4^{22}, 2^{29}\})$	144115188075855872
4	$\mathcal{O}(9; \{4^{24}, 2^{26}\})$	576460752303423488
4	$\mathcal{O}(9; \{4^{26}, 2^{23}\})$	2305843009213693952
4	$\mathcal{O}(9; \{4^{28}, 2^{20}\})$	9223372036854775808

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(9; \{4^{30}, 2^{17}\})$	36893488147419103232
4	$\mathcal{O}(9; \{4^{32}, 2^{14}\})$	147573952589676412928
4	$\mathcal{O}(9; \{4^{34}, 2^{11}\})$	590295810358705651712
4	$\mathcal{O}(9; \{4^{36}, 2^8\})$	2361183241434822606848
4	$\mathcal{O}(9; \{4^{38}, 2^5\})$	9444732965739290427392
4	$\mathcal{O}(9; \{4^{40}, 2^2\})$	37778931862957161709568
4	$\mathcal{O}(8; \{2^{66}\})$	4294901760
4	$\mathcal{O}(8; \{4^2, 2^{63}\})$	8589934592
4	$\mathcal{O}(8; \{4^4, 2^{60}\})$	34359738368
4	$\mathcal{O}(8; \{4^6, 2^{57}\})$	137438953472
4	$\mathcal{O}(8; \{4^8, 2^{54}\})$	549755813888
4	$\mathcal{O}(8; \{4^{10}, 2^{51}\})$	2199023255552
4	$\mathcal{O}(8; \{4^{12}, 2^{48}\})$	8796093022208
4	$\mathcal{O}(8; \{4^{14}, 2^{45}\})$	35184372088832
4	$\mathcal{O}(8; \{4^{16}, 2^{42}\})$	140737488355328
4	$\mathcal{O}(8; \{4^{18}, 2^{39}\})$	562949953421312
4	$\mathcal{O}(8; \{4^{20}, 2^{36}\})$	2251799813685248
4	$\mathcal{O}(8; \{4^{22}, 2^{33}\})$	9007199254740992
4	$\mathcal{O}(8; \{4^{24}, 2^{30}\})$	36028797018963968
4	$\mathcal{O}(8; \{4^{26}, 2^{27}\})$	144115188075855872
4	$\mathcal{O}(8; \{4^{28}, 2^{24}\})$	576460752303423488
4	$\mathcal{O}(8; \{4^{30}, 2^{21}\})$	2305843009213693952
4	$\mathcal{O}(8; \{4^{32}, 2^{18}\})$	9223372036854775808
4	$\mathcal{O}(8; \{4^{34}, 2^{15}\})$	36893488147419103232
4	$\mathcal{O}(8; \{4^{36}, 2^{12}\})$	147573952589676412928
4	$\mathcal{O}(8; \{4^{38}, 2^9\})$	590295810358705651712
4	$\mathcal{O}(8; \{4^{40}, 2^6\})$	2361183241434822606848
4	$\mathcal{O}(8; \{4^{42}, 2^3\})$	9444732965739290427392
4	$\mathcal{O}(8; \{4^{44}\})$	37778931862957161709568
4	$\mathcal{O}(7; \{2^{70}\})$	268419072
4	$\mathcal{O}(7; \{4^2, 2^{67}\})$	536870912
4	$\mathcal{O}(7; \{4^4, 2^{64}\})$	2147483648
4	$\mathcal{O}(7; \{4^6, 2^{61}\})$	8589934592
4	$\mathcal{O}(7; \{4^8, 2^{58}\})$	34359738368
4	$\mathcal{O}(7; \{4^{10}, 2^{55}\})$	137438953472
4	$\mathcal{O}(7; \{4^{12}, 2^{52}\})$	549755813888
4	$\mathcal{O}(7; \{4^{14}, 2^{49}\})$	2199023255552
4	$\mathcal{O}(7; \{4^{16}, 2^{46}\})$	8796093022208
4	$\mathcal{O}(7; \{4^{18}, 2^{43}\})$	35184372088832
4	$\mathcal{O}(7; \{4^{20}, 2^{40}\})$	140737488355328
4	$\mathcal{O}(7; \{4^{22}, 2^{37}\})$	562949953421312
4	$\mathcal{O}(7; \{4^{24}, 2^{34}\})$	2251799813685248
4	$\mathcal{O}(7; \{4^{26}, 2^{31}\})$	9007199254740992

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(7; \{4^{28}, 2^{28}\})$	36028797018963968
4	$\mathcal{O}(7; \{4^{30}, 2^{25}\})$	144115188075855872
4	$\mathcal{O}(7; \{4^{32}, 2^{22}\})$	576460752303423488
4	$\mathcal{O}(7; \{4^{34}, 2^{19}\})$	2305843009213693952
4	$\mathcal{O}(7; \{4^{36}, 2^{16}\})$	9223372036854775808
4	$\mathcal{O}(7; \{4^{38}, 2^{13}\})$	36893488147419103232
4	$\mathcal{O}(7; \{4^{40}, 2^{10}\})$	147573952589676412928
4	$\mathcal{O}(7; \{4^{42}, 2^7\})$	590295810358705651712
4	$\mathcal{O}(7; \{4^{44}, 2^4\})$	2361183241434822606848
4	$\mathcal{O}(7; \{4^{46}, 2\})$	9444732965739290427392
4	$\mathcal{O}(6; \{2^{74}\})$	16773120
4	$\mathcal{O}(6; \{4^2, 2^{71}\})$	33554432
4	$\mathcal{O}(6; \{4^4, 2^{68}\})$	134217728
4	$\mathcal{O}(6; \{4^6, 2^{65}\})$	536870912
4	$\mathcal{O}(6; \{4^8, 2^{62}\})$	2147483648
4	$\mathcal{O}(6; \{4^{10}, 2^{59}\})$	8589934592
4	$\mathcal{O}(6; \{4^{12}, 2^{56}\})$	34359738368
4	$\mathcal{O}(6; \{4^{14}, 2^{53}\})$	137438953472
4	$\mathcal{O}(6; \{4^{16}, 2^{50}\})$	549755813888
4	$\mathcal{O}(6; \{4^{18}, 2^{47}\})$	219023255552
4	$\mathcal{O}(6; \{4^{20}, 2^{44}\})$	8796093022208
4	$\mathcal{O}(6; \{4^{22}, 2^{41}\})$	35184372088832
4	$\mathcal{O}(6; \{4^{24}, 2^{38}\})$	140737488355328
4	$\mathcal{O}(6; \{4^{26}, 2^{35}\})$	562949953421312
4	$\mathcal{O}(6; \{4^{28}, 2^{32}\})$	2251799813685248
4	$\mathcal{O}(6; \{4^{30}, 2^{29}\})$	9007199254740992
4	$\mathcal{O}(6; \{4^{32}, 2^{26}\})$	36028797018963968
4	$\mathcal{O}(6; \{4^{34}, 2^{23}\})$	144115188075855872
4	$\mathcal{O}(6; \{4^{36}, 2^{20}\})$	576460752303423488
4	$\mathcal{O}(6; \{4^{38}, 2^{17}\})$	2305843009213693952
4	$\mathcal{O}(6; \{4^{40}, 2^{14}\})$	9223372036854775808
4	$\mathcal{O}(6; \{4^{42}, 2^{11}\})$	36893488147419103232
4	$\mathcal{O}(6; \{4^{44}, 2^8\})$	147573952589676412928
4	$\mathcal{O}(6; \{4^{46}, 2^5\})$	590295810358705651712
4	$\mathcal{O}(6; \{4^{48}, 2^2\})$	2361183241434822606848
4	$\mathcal{O}(5; \{2^{78}\})$	1047552
4	$\mathcal{O}(5; \{4^2, 2^{75}\})$	2097152
4	$\mathcal{O}(5; \{4^4, 2^{72}\})$	8388608
4	$\mathcal{O}(5; \{4^6, 2^{69}\})$	33554432
4	$\mathcal{O}(5; \{4^8, 2^{66}\})$	134217728
4	$\mathcal{O}(5; \{4^{10}, 2^{63}\})$	536870912
4	$\mathcal{O}(5; \{4^{12}, 2^{60}\})$	2147483648
4	$\mathcal{O}(5; \{4^{14}, 2^{57}\})$	8589934592

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(5; \{4^{16}, 2^{54}\})$	34359738368
4	$\mathcal{O}(5; \{4^{18}, 2^{51}\})$	137438953472
4	$\mathcal{O}(5; \{4^{20}, 2^{48}\})$	549755813888
4	$\mathcal{O}(5; \{4^{22}, 2^{45}\})$	2199023255552
4	$\mathcal{O}(5; \{4^{24}, 2^{42}\})$	8796093022208
4	$\mathcal{O}(5; \{4^{26}, 2^{39}\})$	35184372088832
4	$\mathcal{O}(5; \{4^{28}, 2^{36}\})$	140737488355328
4	$\mathcal{O}(5; \{4^{30}, 2^{33}\})$	562949953421312
4	$\mathcal{O}(5; \{4^{32}, 2^{30}\})$	2251799813685248
4	$\mathcal{O}(5; \{4^{34}, 2^{27}\})$	9007199254740992
4	$\mathcal{O}(5; \{4^{36}, 2^{24}\})$	36028797018963968
4	$\mathcal{O}(5; \{4^{38}, 2^{21}\})$	144115188075855872
4	$\mathcal{O}(5; \{4^{40}, 2^{18}\})$	576460752303423488
4	$\mathcal{O}(5; \{4^{42}, 2^{15}\})$	2305843009213693952
4	$\mathcal{O}(5; \{4^{44}, 2^{12}\})$	9223372036854775808
4	$\mathcal{O}(5; \{4^{46}, 2^9\})$	36893488147419103232
4	$\mathcal{O}(5; \{4^{48}, 2^6\})$	147573952589676412928
4	$\mathcal{O}(5; \{4^{50}, 2^3\})$	590295810358705651712
4	$\mathcal{O}(5; \{4^{52}\})$	2361183241434822606848
4	$\mathcal{O}(4; \{2^{82}\})$	65280
4	$\mathcal{O}(4; \{4^2, 2^{79}\})$	131072
4	$\mathcal{O}(4; \{4^4, 2^{76}\})$	524288
4	$\mathcal{O}(4; \{4^6, 2^{73}\})$	2097152
4	$\mathcal{O}(4; \{4^8, 2^{70}\})$	8388608
4	$\mathcal{O}(4; \{4^{10}, 2^{67}\})$	33554432
4	$\mathcal{O}(4; \{4^{12}, 2^{64}\})$	134217728
4	$\mathcal{O}(4; \{4^{14}, 2^{61}\})$	536870912
4	$\mathcal{O}(4; \{4^{16}, 2^{58}\})$	2147483648
4	$\mathcal{O}(4; \{4^{18}, 2^{55}\})$	8589934592
4	$\mathcal{O}(4; \{4^{20}, 2^{52}\})$	34359738368
4	$\mathcal{O}(4; \{4^{22}, 2^{49}\})$	137438953472
4	$\mathcal{O}(4; \{4^{24}, 2^{46}\})$	549755813888
4	$\mathcal{O}(4; \{4^{26}, 2^{43}\})$	2199023255552
4	$\mathcal{O}(4; \{4^{28}, 2^{40}\})$	8796093022208
4	$\mathcal{O}(4; \{4^{30}, 2^{37}\})$	35184372088832
4	$\mathcal{O}(4; \{4^{32}, 2^{34}\})$	140737488355328
4	$\mathcal{O}(4; \{4^{34}, 2^{31}\})$	562949953421312
4	$\mathcal{O}(4; \{4^{36}, 2^{28}\})$	2251799813685248
4	$\mathcal{O}(4; \{4^{38}, 2^{25}\})$	9007199254740992
4	$\mathcal{O}(4; \{4^{40}, 2^{22}\})$	36028797018963968
4	$\mathcal{O}(4; \{4^{42}, 2^{19}\})$	144115188075855872
4	$\mathcal{O}(4; \{4^{44}, 2^{16}\})$	576460752303423488
4	$\mathcal{O}(4; \{4^{46}, 2^{13}\})$	2305843009213693952

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(4; \{4^{48}, 2^{10}\})$	9223372036854775808
4	$\mathcal{O}(4; \{4^{50}, 2^7\})$	36893488147419103232
4	$\mathcal{O}(4; \{4^{52}, 2^4\})$	147573952589676412928
4	$\mathcal{O}(4; \{4^{54}, 2\})$	590295810358705651712
4	$\mathcal{O}(3; \{2^{86}\})$	4032
4	$\mathcal{O}(3; \{4^2, 2^{83}\})$	8192
4	$\mathcal{O}(3; \{4^4, 2^{80}\})$	32768
4	$\mathcal{O}(3; \{4^6, 2^{77}\})$	131072
4	$\mathcal{O}(3; \{4^8, 2^{74}\})$	524288
4	$\mathcal{O}(3; \{4^{10}, 2^{71}\})$	2097152
4	$\mathcal{O}(3; \{4^{12}, 2^{68}\})$	8388608
4	$\mathcal{O}(3; \{4^{14}, 2^{65}\})$	33554432
4	$\mathcal{O}(3; \{4^{16}, 2^{62}\})$	134217728
4	$\mathcal{O}(3; \{4^{18}, 2^{59}\})$	536870912
4	$\mathcal{O}(3; \{4^{20}, 2^{56}\})$	2147483648
4	$\mathcal{O}(3; \{4^{22}, 2^{53}\})$	8589934592
4	$\mathcal{O}(3; \{4^{24}, 2^{50}\})$	34359738368
4	$\mathcal{O}(3; \{4^{26}, 2^{47}\})$	137438953472
4	$\mathcal{O}(3; \{4^{28}, 2^{44}\})$	549755813888
4	$\mathcal{O}(3; \{4^{30}, 2^{41}\})$	219023255552
4	$\mathcal{O}(3; \{4^{32}, 2^{38}\})$	8796093022208
4	$\mathcal{O}(3; \{4^{34}, 2^{35}\})$	35184372088832
4	$\mathcal{O}(3; \{4^{36}, 2^{32}\})$	140737488355328
4	$\mathcal{O}(3; \{4^{38}, 2^{29}\})$	562949953421312
4	$\mathcal{O}(3; \{4^{40}, 2^{26}\})$	2251799813685248
4	$\mathcal{O}(3; \{4^{42}, 2^{23}\})$	9007199254740992
4	$\mathcal{O}(3; \{4^{44}, 2^{20}\})$	36028797018963968
4	$\mathcal{O}(3; \{4^{46}, 2^{17}\})$	144115188075855872
4	$\mathcal{O}(3; \{4^{48}, 2^{14}\})$	576460752303423488
4	$\mathcal{O}(3; \{4^{50}, 2^{11}\})$	2305843009213693952
4	$\mathcal{O}(3; \{4^{52}, 2^8\})$	9223372036854775808
4	$\mathcal{O}(3; \{4^{54}, 2^5\})$	36893488147419103232
4	$\mathcal{O}(3; \{4^{56}, 2^2\})$	147573952589676412928
4	$\mathcal{O}(2; \{2^{90}\})$	240
4	$\mathcal{O}(2; \{4^2, 2^{87}\})$	512
4	$\mathcal{O}(2; \{4^4, 2^{84}\})$	2048
4	$\mathcal{O}(2; \{4^6, 2^{81}\})$	8192
4	$\mathcal{O}(2; \{4^8, 2^{78}\})$	32768
4	$\mathcal{O}(2; \{4^{10}, 2^{75}\})$	131072
4	$\mathcal{O}(2; \{4^{12}, 2^{72}\})$	524288
4	$\mathcal{O}(2; \{4^{14}, 2^{69}\})$	2097152
4	$\mathcal{O}(2; \{4^{16}, 2^{66}\})$	8388608
4	$\mathcal{O}(2; \{4^{18}, 2^{63}\})$	33554432

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(2; \{4^{20}, 2^{60}\})$	134217728
4	$\mathcal{O}(2; \{4^{22}, 2^{57}\})$	536870912
4	$\mathcal{O}(2; \{4^{24}, 2^{54}\})$	2147483648
4	$\mathcal{O}(2; \{4^{26}, 2^{51}\})$	8589934592
4	$\mathcal{O}(2; \{4^{28}, 2^{48}\})$	34359738368
4	$\mathcal{O}(2; \{4^{30}, 2^{45}\})$	137438953472
4	$\mathcal{O}(2; \{4^{32}, 2^{42}\})$	549755813888
4	$\mathcal{O}(2; \{4^{34}, 2^{39}\})$	2199023255552
4	$\mathcal{O}(2; \{4^{36}, 2^{36}\})$	8796093022208
4	$\mathcal{O}(2; \{4^{38}, 2^{33}\})$	35184372088832
4	$\mathcal{O}(2; \{4^{40}, 2^{30}\})$	140737488355328
4	$\mathcal{O}(2; \{4^{42}, 2^{27}\})$	562949953421312
4	$\mathcal{O}(2; \{4^{44}, 2^{24}\})$	2251799813685248
4	$\mathcal{O}(2; \{4^{46}, 2^{21}\})$	9007199254740992
4	$\mathcal{O}(2; \{4^{48}, 2^{18}\})$	36028797018963968
4	$\mathcal{O}(2; \{4^{50}, 2^{15}\})$	144115188075855872
4	$\mathcal{O}(2; \{4^{52}, 2^{12}\})$	576460752303423488
4	$\mathcal{O}(2; \{4^{54}, 2^9\})$	2305843009213693952
4	$\mathcal{O}(2; \{4^{56}, 2^6\})$	9223372036854775808
4	$\mathcal{O}(2; \{4^{58}, 2^3\})$	36893488147419103232
4	$\mathcal{O}(2; \{4^{60}\})$	147573952589676412928
4	$\mathcal{O}(1; \{2^{94}\})$	12
4	$\mathcal{O}(1; \{4^2, 2^{91}\})$	32
4	$\mathcal{O}(1; \{4^4, 2^{88}\})$	128
4	$\mathcal{O}(1; \{4^6, 2^{85}\})$	512
4	$\mathcal{O}(1; \{4^8, 2^{82}\})$	2048
4	$\mathcal{O}(1; \{4^{10}, 2^{79}\})$	8192
4	$\mathcal{O}(1; \{4^{12}, 2^{76}\})$	32768
4	$\mathcal{O}(1; \{4^{14}, 2^{73}\})$	131072
4	$\mathcal{O}(1; \{4^{16}, 2^{70}\})$	524288
4	$\mathcal{O}(1; \{4^{18}, 2^{67}\})$	2097152
4	$\mathcal{O}(1; \{4^{20}, 2^{64}\})$	8388608
4	$\mathcal{O}(1; \{4^{22}, 2^{61}\})$	33554432
4	$\mathcal{O}(1; \{4^{24}, 2^{58}\})$	134217728
4	$\mathcal{O}(1; \{4^{26}, 2^{55}\})$	536870912
4	$\mathcal{O}(1; \{4^{28}, 2^{52}\})$	2147483648
4	$\mathcal{O}(1; \{4^{30}, 2^{49}\})$	8589934592
4	$\mathcal{O}(1; \{4^{32}, 2^{46}\})$	34359738368
4	$\mathcal{O}(1; \{4^{34}, 2^{43}\})$	137438953472
4	$\mathcal{O}(1; \{4^{36}, 2^{40}\})$	549755813888
4	$\mathcal{O}(1; \{4^{38}, 2^{37}\})$	2199023255552
4	$\mathcal{O}(1; \{4^{40}, 2^{34}\})$	8796093022208
4	$\mathcal{O}(1; \{4^{42}, 2^{31}\})$	35184372088832

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(1; \{4^{44}, 2^{28}\})$	140737488355328
4	$\mathcal{O}(1; \{4^{46}, 2^{25}\})$	562949953421312
4	$\mathcal{O}(1; \{4^{48}, 2^{22}\})$	2251799813685248
4	$\mathcal{O}(1; \{4^{50}, 2^{19}\})$	9007199254740992
4	$\mathcal{O}(1; \{4^{52}, 2^{16}\})$	36028797018963968
4	$\mathcal{O}(1; \{4^{54}, 2^{13}\})$	144115188075855872
4	$\mathcal{O}(1; \{4^{56}, 2^{10}\})$	576460752303423488
4	$\mathcal{O}(1; \{4^{58}, 2^7\})$	2305843009213693952
4	$\mathcal{O}(1; \{4^{60}, 2^4\})$	9223372036854775808
4	$\mathcal{O}(1; \{4^{62}, 2\})$	36893488147419103232
4	$\mathcal{O}(0; \{4^2, 2^{95}\})$	2
4	$\mathcal{O}(0; \{4^4, 2^{92}\})$	8
4	$\mathcal{O}(0; \{4^6, 2^{89}\})$	32
4	$\mathcal{O}(0; \{4^8, 2^{86}\})$	128
4	$\mathcal{O}(0; \{4^{10}, 2^{83}\})$	512
4	$\mathcal{O}(0; \{4^{12}, 2^{80}\})$	2048
4	$\mathcal{O}(0; \{4^{14}, 2^{77}\})$	8192
4	$\mathcal{O}(0; \{4^{16}, 2^{74}\})$	32768
4	$\mathcal{O}(0; \{4^{18}, 2^{71}\})$	131072
4	$\mathcal{O}(0; \{4^{20}, 2^{68}\})$	524288
4	$\mathcal{O}(0; \{4^{22}, 2^{65}\})$	2097152
4	$\mathcal{O}(0; \{4^{24}, 2^{62}\})$	8388608
4	$\mathcal{O}(0; \{4^{26}, 2^{59}\})$	33554432
4	$\mathcal{O}(0; \{4^{28}, 2^{56}\})$	134217728
4	$\mathcal{O}(0; \{4^{30}, 2^{53}\})$	536870912
4	$\mathcal{O}(0; \{4^{32}, 2^{50}\})$	2147483648
4	$\mathcal{O}(0; \{4^{34}, 2^{47}\})$	8589934592
4	$\mathcal{O}(0; \{4^{36}, 2^{44}\})$	34359738368
4	$\mathcal{O}(0; \{4^{38}, 2^{41}\})$	137438953472
4	$\mathcal{O}(0; \{4^{40}, 2^{38}\})$	549755813888
4	$\mathcal{O}(0; \{4^{42}, 2^{35}\})$	2199023255552
4	$\mathcal{O}(0; \{4^{44}, 2^{32}\})$	8796093022208
4	$\mathcal{O}(0; \{4^{46}, 2^{29}\})$	35184372088832
4	$\mathcal{O}(0; \{4^{48}, 2^{26}\})$	140737488355328
4	$\mathcal{O}(0; \{4^{50}, 2^{23}\})$	562949953421312
4	$\mathcal{O}(0; \{4^{52}, 2^{20}\})$	2251799813685248
4	$\mathcal{O}(0; \{4^{54}, 2^{17}\})$	9007199254740992
4	$\mathcal{O}(0; \{4^{56}, 2^{14}\})$	36028797018963968
4	$\mathcal{O}(0; \{4^{58}, 2^{11}\})$	144115188075855872
4	$\mathcal{O}(0; \{4^{60}, 2^8\})$	576460752303423488
4	$\mathcal{O}(0; \{4^{62}, 2^5\})$	2305843009213693952
4	$\mathcal{O}(0; \{4^{64}, 2^2\})$	9223372036854775808
5	$\mathcal{O}(19; \{5^2\})$	1455191522836685180664062500

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
5	$\mathcal{O}(17; \{5^7\})$	1906882971525192260742187500
5	$\mathcal{O}(15; \{5^{12}\})$	3125000745058059692382812500
5	$\mathcal{O}(13; \{5^{17}\})$	5119999998807907104492187500
5	$\mathcal{O}(11; \{5^{22}\})$	8388608000001907348632812500
5	$\mathcal{O}(9; \{5^{27}\})$	13743895347199996948242187500
5	$\mathcal{O}(7; \{5^{32}\})$	22517998136852480004882812500
5	$\mathcal{O}(5; \{5^{37}\})$	36893488147419103231992187500
5	$\mathcal{O}(3; \{5^{42}\})$	60446290980731458735308812500
5	$\mathcal{O}(1; \{5^{47}\})$	99035203142830421991929937900
6	$\mathcal{O}(16; \{3^2\})$	15917322216186761391080190
6	$\mathcal{O}(15; \{3^2, 2^4\})$	442147839441466715799552
6	$\mathcal{O}(15; \{3^5\})$	2210739195148422258051270
6	$\mathcal{O}(15; \{6, 3^3, 2\})$	1326443518324400147398656
6	$\mathcal{O}(15; \{6^2, 3, 2^2\})$	442147839441466715799552
6	$\mathcal{O}(15; \{6^4\})$	1326443518324400147398656
6	$\mathcal{O}(14; \{3^2, 2^8\})$	12281884428929630994432
6	$\mathcal{O}(14; \{3^5, 2^4\})$	61409422144648154972160
6	$\mathcal{O}(14; \{3^8\})$	528121028476569981633930
6	$\mathcal{O}(14; \{6, 3^3, 2^5\})$	36845653286788892983296
6	$\mathcal{O}(14; \{6, 3^6, 2\})$	257919573007522250883072
6	$\mathcal{O}(14; \{6^2, 3, 2^6\})$	12281884428929630994432
6	$\mathcal{O}(14; \{6^2, 3^4, 2^2\})$	135100728718225940938752
6	$\mathcal{O}(14; \{6^3, 3^2, 2^3\})$	61409422144648154972160
6	$\mathcal{O}(14; \{6^4, 2^4\})$	36845653286788892983296
6	$\mathcal{O}(14; \{6^4, 3^3\})$	257919573007522250883072
6	$\mathcal{O}(14; \{6^5, 3, 2\})$	135100728718225940938752
6	$\mathcal{O}(13; \{3^2, 2^{12}\})$	341163456359156416512
6	$\mathcal{O}(13; \{3^5, 2^8\})$	1705817281795782082560
6	$\mathcal{O}(13; \{3^8, 2^4\})$	14670028623443725910016
6	$\mathcal{O}(13; \{3^{11}\})$	116336736884919843110214
6	$\mathcal{O}(13; \{6, 3^3, 2^9\})$	1023490369077469249536
6	$\mathcal{O}(13; \{6, 3^6, 2^5\})$	7164432583542284746752
6	$\mathcal{O}(13; \{6, 3^9, 2\})$	58338951037415747223552
6	$\mathcal{O}(13; \{6^2, 3, 2^{10}\})$	341163456359156416512
6	$\mathcal{O}(13; \{6^2, 3^4, 2^6\})$	3752798019950720581632
6	$\mathcal{O}(13; \{6^2, 3^7, 2^2\})$	28998893790528295403520
6	$\mathcal{O}(13; \{6^3, 3^2, 2^7\})$	1705817281795782082560
6	$\mathcal{O}(13; \{6^3, 3^5, 2^3\})$	14670028623443725910016
6	$\mathcal{O}(13; \{6^4, 2^8\})$	1023490369077469249536
6	$\mathcal{O}(13; \{6^4, 3^3, 2^4\})$	7164432583542284746752
6	$\mathcal{O}(13; \{6^4, 3^6\})$	58338951037415747223552
6	$\mathcal{O}(13; \{6^5, 3, 2^5\})$	3752798019950720581632
6	$\mathcal{O}(13; \{6^5, 3^4, 2\})$	28998893790528295403520

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(13; \{6^6, 3^2, 2^2\})$	14670028623443725910016
6	$\mathcal{O}(13; \{6^7, 2^3\})$	7164432583542284746752
6	$\mathcal{O}(13; \{6^8, 3\})$	28998893790528295403520
6	$\mathcal{O}(12; \{3^2, 2^{16}\})$	9476762676643233792
6	$\mathcal{O}(12; \{3^5, 2^{12}\})$	47383813383216168960
6	$\mathcal{O}(12; \{3^8, 2^8\})$	407500795095659053056
6	$\mathcal{O}(12; \{3^{11}, 2^4\})$	3231576072735342723072
6	$\mathcal{O}(12; \{3^{14}\})$	25881037327282543226730
6	$\mathcal{O}(12; \{6, 3^3, 2^{13}\})$	28430288029929701376
6	$\mathcal{O}(12; \{6, 3^6, 2^9\})$	199012016209507909632
6	$\mathcal{O}(12; \{6, 3^9, 2^5\})$	1620526417705992978432
6	$\mathcal{O}(12; \{6, 3^{12}, 2\})$	12935781053618014126080
6	$\mathcal{O}(12; \{6^2, 3, 2^{14}\})$	9476762676643233792
6	$\mathcal{O}(12; \{6^2, 3^4, 2^{10}\})$	104244389443075571712
6	$\mathcal{O}(12; \{6^2, 3^7, 2^6\})$	805524827514674872320
6	$\mathcal{O}(12; \{6^2, 3^{10}, 2^2\})$	6472628908147328679936
6	$\mathcal{O}(12; \{6^3, 3^2, 2^{11}\})$	47383813383216168960
6	$\mathcal{O}(12; \{6^3, 3^5, 2^7\})$	407500795095659053056
6	$\mathcal{O}(12; \{6^3, 3^8, 2^3\})$	3231576072735342723072
6	$\mathcal{O}(12; \{6^4, 2^{12}\})$	28430288029929701376
6	$\mathcal{O}(12; \{6^4, 3^3, 2^8\})$	199012016209507909632
6	$\mathcal{O}(12; \{6^4, 3^6, 2^4\})$	1620526417705992978432
6	$\mathcal{O}(12; \{6^4, 3^9\})$	12935781053618014126080
6	$\mathcal{O}(12; \{6^5, 3, 2^9\})$	104244389443075571712
6	$\mathcal{O}(12; \{6^5, 3^4, 2^5\})$	805524827514674872320
6	$\mathcal{O}(12; \{6^5, 3^7, 2\})$	6472628908147328679936
6	$\mathcal{O}(12; \{6^6, 3^2, 2^6\})$	407500795095659053056
6	$\mathcal{O}(12; \{6^6, 3^5, 2^2\})$	3231576072735342723072
6	$\mathcal{O}(12; \{6^7, 2^7\})$	199012016209507909632
6	$\mathcal{O}(12; \{6^7, 3^3, 2^3\})$	1620526417705992978432
6	$\mathcal{O}(12; \{6^8, 3, 2^4\})$	805524827514674872320
6	$\mathcal{O}(12; \{6^8, 3^4\})$	6472628908147328679936
6	$\mathcal{O}(12; \{6^9, 3^2, 2\})$	3231576072735342723072
6	$\mathcal{O}(12; \{6^{10}, 2^2\})$	1620526417705992978432
6	$\mathcal{O}(11; \{3^2, 2^{20}\})$	263243407684534272
6	$\mathcal{O}(11; \{3^5, 2^{16}\})$	1316217038422671360
6	$\mathcal{O}(11; \{3^8, 2^{12}\})$	11319466530434973696
6	$\mathcal{O}(11; \{3^{11}, 2^8\})$	89766002020426186752
6	$\mathcal{O}(11; \{3^{14}, 2^4\})$	718917746386463096832
6	$\mathcal{O}(11; \{3^{17}\})$	5750550869830156854630
6	$\mathcal{O}(11; \{6, 3^3, 2^{17}\})$	789730223053602816
6	$\mathcal{O}(11; \{6, 3^6, 2^{13}\})$	5528111561375219712
6	$\mathcal{O}(11; \{6, 3^9, 2^9\})$	45014622714055360512

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(11; \{6, 3^{12}, 2^5\})$	359327251489389281280
6	$\mathcal{O}(11; \{6, 3^{15}, 2\})$	2875407742138167853056
6	$\mathcal{O}(11; \{6^2, 3, 2^{18}\})$	263243407684534272
6	$\mathcal{O}(11; \{6^2, 3^4, 2^{14}\})$	2895677484529876992
6	$\mathcal{O}(11; \{6^2, 3^7, 2^{10}\})$	22375689653185413120
6	$\mathcal{O}(11; \{6^2, 3^{10}, 2^6\})$	179795247448536907776
6	$\mathcal{O}(11; \{6^2, 3^{13}, 2^2\})$	1437572249365241659392
6	$\mathcal{O}(11; \{6^3, 3^2, 2^{15}\})$	1316217038422671360
6	$\mathcal{O}(11; \{6^3, 3^5, 2^{11}\})$	11319466530434973696
6	$\mathcal{O}(11; \{6^3, 3^8, 2^7\})$	89766002020426186752
6	$\mathcal{O}(11; \{6^3, 3^{11}, 2^3\})$	718917746386463096832
6	$\mathcal{O}(11; \{6^4, 2^{16}\})$	789730223053602816
6	$\mathcal{O}(11; \{6^4, 3^3, 2^{12}\})$	5528111561375219712
6	$\mathcal{O}(11; \{6^4, 3^6, 2^8\})$	45014622714055360512
6	$\mathcal{O}(11; \{6^4, 3^9, 2^4\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^4, 3^{12}\})$	2875407742138167853056
6	$\mathcal{O}(11; \{6^5, 3, 2^{13}\})$	2895677484529876992
6	$\mathcal{O}(11; \{6^5, 3^4, 2^9\})$	22375689653185413120
6	$\mathcal{O}(11; \{6^5, 3^7, 2^5\})$	179795247448536907776
6	$\mathcal{O}(11; \{6^5, 3^{10}, 2\})$	1437572249365241659392
6	$\mathcal{O}(11; \{6^6, 3^2, 2^{10}\})$	11319466530434973696
6	$\mathcal{O}(11; \{6^6, 3^5, 2^6\})$	89766002020426186752
6	$\mathcal{O}(11; \{6^6, 3^8, 2^2\})$	718917746386463096832
6	$\mathcal{O}(11; \{6^7, 2^{11}\})$	5528111561375219712
6	$\mathcal{O}(11; \{6^7, 3^3, 2^7\})$	45014622714055360512
6	$\mathcal{O}(11; \{6^7, 3^6, 2^3\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^8, 3, 2^8\})$	22375689653185413120
6	$\mathcal{O}(11; \{6^8, 3^4, 2^4\})$	179795247448536907776
6	$\mathcal{O}(11; \{6^8, 3^7\})$	1437572249365241659392
6	$\mathcal{O}(11; \{6^9, 3^2, 2^5\})$	89766002020426186752
6	$\mathcal{O}(11; \{6^9, 3^5, 2\})$	718917746386463096832
6	$\mathcal{O}(11; \{6^{10}, 2^6\})$	45014622714055360512
6	$\mathcal{O}(11; \{6^{10}, 3^3, 2^2\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^{11}, 3, 2^3\})$	179795247448536907776
6	$\mathcal{O}(11; \{6^{12}, 3^2\})$	718917746386463096832
6	$\mathcal{O}(11; \{6^{13}, 2\})$	359327251489389281280
6	$\mathcal{O}(10; \{3^2, 2^{24}\})$	7312316880125952
6	$\mathcal{O}(10; \{3^3, 2^{20}\})$	36561584400629760
6	$\mathcal{O}(10; \{3^8, 2^{16}\})$	314429625845415936
6	$\mathcal{O}(10; \{3^{11}, 2^{12}\})$	2493500056122949632
6	$\mathcal{O}(10; \{3^{14}, 2^8\})$	19969937399623974912
6	$\mathcal{O}(10; \{3^{17}, 2^4\})$	159737562246351421440
6	$\mathcal{O}(10; \{3^{20}\})$	1277921216199647205450
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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(10; \{6, 3^3, 2^{21}\})$	21936950640377856
6	$\mathcal{O}(10; \{6, 3^6, 2^{17}\})$	153558654482644992
6	$\mathcal{O}(10; \{6, 3^9, 2^{13}\})$	1250406186501537792
6	$\mathcal{O}(10; \{6, 3^{12}, 2^9\})$	9981312541371924480
6	$\mathcal{O}(10; \{6, 3^{15}, 2^5\})$	79872437281615773696
6	$\mathcal{O}(10; \{6, 3^{18}, 2\})$	638957561302285811712
6	$\mathcal{O}(10; \{6^2, 3, 2^{22}\})$	7312316880125952
6	$\mathcal{O}(10; \{6^2, 3^4, 2^{18}\})$	80435485681385472
6	$\mathcal{O}(10; \{6^2, 3^7, 2^{14}\})$	621546934810705920
6	$\mathcal{O}(10; \{6^2, 3^{10}, 2^{10}\})$	4994312429126025216
6	$\mathcal{O}(10; \{6^2, 3^{13}, 2^6\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^2, 3^{16}, 2^2\})$	319482436809582968832
6	$\mathcal{O}(10; \{6^3, 3^2, 2^{19}\})$	36561584400629760
6	$\mathcal{O}(10; \{6^3, 3^5, 2^{15}\})$	314429625845415936
6	$\mathcal{O}(10; \{6^3, 3^8, 2^{11}\})$	2493500056122949632
6	$\mathcal{O}(10; \{6^3, 3^{11}, 2^7\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^3, 3^{14}, 2^3\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^4, 2^{20}\})$	21936950640377856
6	$\mathcal{O}(10; \{6^4, 3^3, 2^{16}\})$	153558654482644992
6	$\mathcal{O}(10; \{6^4, 3^6, 2^{12}\})$	1250406186501537792
6	$\mathcal{O}(10; \{6^4, 3^9, 2^8\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^4, 3^{12}, 2^4\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^4, 3^{15}\})$	638957561302285811712
6	$\mathcal{O}(10; \{6^5, 3, 2^{17}\})$	80435485681385472
6	$\mathcal{O}(10; \{6^5, 3^4, 2^{13}\})$	621546934810705920
6	$\mathcal{O}(10; \{6^5, 3^7, 2^9\})$	4994312429126025216
6	$\mathcal{O}(10; \{6^5, 3^{10}, 2^5\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^5, 3^{13}, 2\})$	319482436809582968832
6	$\mathcal{O}(10; \{6^6, 3^2, 2^{14}\})$	314429625845415936
6	$\mathcal{O}(10; \{6^6, 3^5, 2^{10}\})$	2493500056122949632
6	$\mathcal{O}(10; \{6^6, 3^8, 2^6\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^6, 3^{11}, 2^2\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^7, 2^{15}\})$	153558654482644992
6	$\mathcal{O}(10; \{6^7, 3^3, 2^{11}\})$	1250406186501537792
6	$\mathcal{O}(10; \{6^7, 3^6, 2^7\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^7, 3^9, 2^3\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^8, 3, 2^{12}\})$	621546934810705920
6	$\mathcal{O}(10; \{6^8, 3^4, 2^8\})$	4994312429126025216
6	$\mathcal{O}(10; \{6^8, 3^7, 2^4\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^8, 3^{10}\})$	319482436809582968832
6	$\mathcal{O}(10; \{6^9, 3^2, 2^9\})$	2493500056122949632
6	$\mathcal{O}(10; \{6^9, 3^5, 2^5\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^9, 3^8, 2\})$	159737562246351421440

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(10; \{6^{10}, 2^{10}\})$	1250406186501537792
6	$\mathcal{O}(10; \{6^{10}, 3^3, 2^6\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^{10}, 3^6, 2^2\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^{11}, 3, 2^7\})$	4994312429126025216
6	$\mathcal{O}(10; \{6^{11}, 3^4, 2^3\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^{12}, 3^2, 2^4\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^{12}, 3^5\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^{13}, 2^5\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^{13}, 3^3, 2\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^{14}, 3, 2^2\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^{16}\})$	79872437281615773696
6	$\mathcal{O}(9; \{3^2, 2^{28}\})$	203119913336832
6	$\mathcal{O}(9; \{3^5, 2^{24}\})$	1015599566684160
6	$\mathcal{O}(9; \{3^8, 2^{20}\})$	8734156273483776
6	$\mathcal{O}(9; \{3^{11}, 2^{16}\})$	69263890447859712
6	$\mathcal{O}(9; \{3^{14}, 2^{12}\})$	554720483322888192
6	$\mathcal{O}(9; \{3^{17}, 2^8\})$	4437154506843095040
6	$\mathcal{O}(9; \{3^{20}, 2^4\})$	35497845414484770816
6	$\mathcal{O}(9; \{3^{23}\})$	283981070650191973254
6	$\mathcal{O}(9; \{6, 3^3, 2^{25}\})$	609359740010496
6	$\mathcal{O}(9; \{6, 3^6, 2^{21}\})$	4265518180073472
6	$\mathcal{O}(9; \{6, 3^9, 2^{17}\})$	34733505180598272
6	$\mathcal{O}(9; \{6, 3^{12}, 2^{13}\})$	277258681704775680
6	$\mathcal{O}(9; \{6, 3^{15}, 2^9\})$	2218678813378215936
6	$\mathcal{O}(9; \{6, 3^{18}, 2^5\})$	17748821147285716992
6	$\mathcal{O}(9; \{6, 3^{21}, 2\})$	141991178538025746432
6	$\mathcal{O}(9; \{6^2, 3, 2^{26}\})$	203119913336832
6	$\mathcal{O}(9; \{6^2, 3^4, 2^{22}\})$	2234319046705152
6	$\mathcal{O}(9; \{6^2, 3^7, 2^{18}\})$	17265192633630720
6	$\mathcal{O}(9; \{6^2, 3^{10}, 2^{14}\})$	138730900809056256
6	$\mathcal{O}(9; \{6^2, 3^{13}, 2^{10}\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^2, 3^{16}, 2^6\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^2, 3^{19}, 2^2\})$	70995487709056204800
6	$\mathcal{O}(9; \{6^3, 3^2, 2^{23}\})$	1015599566684160
6	$\mathcal{O}(9; \{6^3, 3^5, 2^{19}\})$	8734156273483776
6	$\mathcal{O}(9; \{6^3, 3^8, 2^{15}\})$	69263890447859712
6	$\mathcal{O}(9; \{6^3, 3^{11}, 2^{11}\})$	554720483322888192
6	$\mathcal{O}(9; \{6^3, 3^{14}, 2^7\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^3, 3^{17}, 2^3\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^4, 2^{24}\})$	609359740010496
6	$\mathcal{O}(9; \{6^4, 3^3, 2^{20}\})$	4265518180073472
6	$\mathcal{O}(9; \{6^4, 3^6, 2^{16}\})$	34733505180598272
6	$\mathcal{O}(9; \{6^4, 3^9, 2^{12}\})$	277258681704775680

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(9; \{6^4, 3^{12}, 2^8\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^4, 3^{15}, 2^4\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^4, 3^{18}\})$	141991178538025746432
6	$\mathcal{O}(9; \{6^5, 3, 2^{21}\})$	2234319046705152
6	$\mathcal{O}(9; \{6^5, 3^4, 2^{17}\})$	17265192633630720
6	$\mathcal{O}(9; \{6^5, 3^7, 2^{13}\})$	138730900809056256
6	$\mathcal{O}(9; \{6^5, 3^{10}, 2^9\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^5, 3^{13}, 2^5\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^5, 3^{16}, 2\})$	70995487709056204800
6	$\mathcal{O}(9; \{6^6, 3^2, 2^{18}\})$	8734156273483776
6	$\mathcal{O}(9; \{6^6, 3^5, 2^{14}\})$	69263890447859712
6	$\mathcal{O}(9; \{6^6, 3^8, 2^{10}\})$	554720483322888192
6	$\mathcal{O}(9; \{6^6, 3^{11}, 2^6\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^6, 3^{14}, 2^2\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^7, 2^{19}\})$	4265518180073472
6	$\mathcal{O}(9; \{6^7, 3^3, 2^{15}\})$	34733505180598272
6	$\mathcal{O}(9; \{6^7, 3^6, 2^{11}\})$	277258681704775680
6	$\mathcal{O}(9; \{6^7, 3^9, 2^7\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^7, 3^{12}, 2^3\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^8, 3, 2^{16}\})$	17265192633630720
6	$\mathcal{O}(9; \{6^8, 3^4, 2^{12}\})$	138730900809056256
6	$\mathcal{O}(9; \{6^8, 3^7, 2^8\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^8, 3^{10}, 2^4\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^8, 3^{13}\})$	70995487709056204800
6	$\mathcal{O}(9; \{6^9, 3^2, 2^{13}\})$	69263890447859712
6	$\mathcal{O}(9; \{6^9, 3^5, 2^9\})$	554720483322888192
6	$\mathcal{O}(9; \{6^9, 3^8, 2^5\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^9, 3^{11}, 2\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^{10}, 2^{14}\})$	34733505180598272
6	$\mathcal{O}(9; \{6^{10}, 3^3, 2^{10}\})$	277258681704775680
6	$\mathcal{O}(9; \{6^{10}, 3^6, 2^6\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^{10}, 3^9, 2^2\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^{11}, 3, 2^{11}\})$	138730900809056256
6	$\mathcal{O}(9; \{6^{11}, 3^4, 2^7\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^{11}, 3^7, 2^3\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^{12}, 3^2, 2^8\})$	554720483322888192
6	$\mathcal{O}(9; \{6^{12}, 3^5, 2^4\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^{12}, 3^8\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^{13}, 2^9\})$	277258681704775680
6	$\mathcal{O}(9; \{6^{13}, 3^3, 2^5\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^{13}, 3^6, 2\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^{14}, 3, 2^6\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^{14}, 3^4, 2^2\})$	8874512133599526912

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(9; \{6^{15}, 3^2, 2^3\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^{16}, 2^4\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^{16}, 3^3\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^{17}, 3, 2\})$	8874512133599526912
6	$\mathcal{O}(8; \{3^2, 2^{32}\})$	5642219814912
6	$\mathcal{O}(8; \{3^5, 2^{28}\})$	28211099074560
6	$\mathcal{O}(8; \{3^8, 2^{24}\})$	242615452041216
6	$\mathcal{O}(8; \{3^{11}, 2^{20}\})$	1923996956884992
6	$\mathcal{O}(8; \{3^{14}, 2^{16}\})$	15408902314524672
6	$\mathcal{O}(8; \{3^{17}, 2^{12}\})$	123254291856752640
6	$\mathcal{O}(8; \{3^{20}, 2^8\})$	986051261513465856
6	$\mathcal{O}(8; \{3^{23}, 2^4\})$	7888393165448282112
6	$\mathcal{O}(8; \{3^{26}\})$	63106199311368592170
6	$\mathcal{O}(8; \{6, 3^3, 2^{29}\})$	16926659444736
6	$\mathcal{O}(8; \{6, 3^6, 2^{25}\})$	118486616113152
6	$\mathcal{O}(8; \{6, 3^9, 2^{21}\})$	964819588349952
6	$\mathcal{O}(8; \{6, 3^{12}, 2^{17}\})$	7701630047354880
6	$\mathcal{O}(8; \{6, 3^{15}, 2^{13}\})$	61629967038283776
6	$\mathcal{O}(8; \{6, 3^{18}, 2^9\})$	493022809646825472
6	$\mathcal{O}(8; \{6, 3^{21}, 2^5\})$	3944199403834048512
6	$\mathcal{O}(8; \{6, 3^{24}, 2\})$	31553578304012943360
6	$\mathcal{O}(8; \{6^2, 3, 2^{30}\})$	5642219814912
6	$\mathcal{O}(8; \{6^2, 3^4, 2^{26}\})$	62064417964032
6	$\mathcal{O}(8; \{6^2, 3^7, 2^{22}\})$	479588684267520
6	$\mathcal{O}(8; \{6^2, 3^{10}, 2^{18}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^2, 3^{13}, 2^{14}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^2, 3^{16}, 2^{10}\})$	246514225933320192
6	$\mathcal{O}(8; \{6^2, 3^{19}, 2^6\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^2, 3^{22}, 2^2\})$	15776791973116379136
6	$\mathcal{O}(8; \{6^3, 3^2, 2^{27}\})$	28211099074560
6	$\mathcal{O}(8; \{6^3, 3^5, 2^{23}\})$	242615452041216
6	$\mathcal{O}(8; \{6^3, 3^8, 2^{19}\})$	1923996956884992
6	$\mathcal{O}(8; \{6^3, 3^{11}, 2^{15}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^3, 3^{14}, 2^{11}\})$	123254291856752640
6	$\mathcal{O}(8; \{6^3, 3^{17}, 2^7\})$	986051261513465856
6	$\mathcal{O}(8; \{6^3, 3^{20}, 2^3\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^4, 2^{28}\})$	16926659444736
6	$\mathcal{O}(8; \{6^4, 3^3, 2^{24}\})$	118486616113152
6	$\mathcal{O}(8; \{6^4, 3^6, 2^{20}\})$	964819588349952
6	$\mathcal{O}(8; \{6^4, 3^9, 2^{16}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^4, 3^{12}, 2^{12}\})$	61629967038283776
6	$\mathcal{O}(8; \{6^4, 3^{15}, 2^8\})$	493022809646825472
6	$\mathcal{O}(8; \{6^4, 3^{18}, 2^4\})$	3944199403834048512

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(8; \{6^4, 3^{21}\})$	31553578304012943360
6	$\mathcal{O}(8; \{6^5, 3, 2^{25}\})$	62064417964032
6	$\mathcal{O}(8; \{6^5, 3^4, 2^{21}\})$	479588684267520
6	$\mathcal{O}(8; \{6^5, 3^7, 2^{17}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^5, 3^{10}, 2^{13}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^5, 3^{13}, 2^9\})$	246514225933320192
6	$\mathcal{O}(8; \{6^5, 3^{16}, 2^5\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^5, 3^{19}, 2\})$	15776791973116379136
6	$\mathcal{O}(8; \{6^6, 3^2, 2^{22}\})$	242615452041216
6	$\mathcal{O}(8; \{6^6, 3^5, 2^{18}\})$	1923996956884992
6	$\mathcal{O}(8; \{6^6, 3^8, 2^{14}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^6, 3^{11}, 2^{10}\})$	123254291856752640
6	$\mathcal{O}(8; \{6^6, 3^{14}, 2^6\})$	986051261513465856
6	$\mathcal{O}(8; \{6^6, 3^{17}, 2^2\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^7, 2^{23}\})$	118486616113152
6	$\mathcal{O}(8; \{6^7, 3^3, 2^{19}\})$	964819588349952
6	$\mathcal{O}(8; \{6^7, 3^6, 2^{15}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^7, 3^9, 2^{11}\})$	61629967038283776
6	$\mathcal{O}(8; \{6^7, 3^{12}, 2^7\})$	493022809646825472
6	$\mathcal{O}(8; \{6^7, 3^{15}, 2^3\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^8, 3, 2^{20}\})$	479588684267520
6	$\mathcal{O}(8; \{6^8, 3^4, 2^{16}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^8, 3^7, 2^{12}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^8, 3^{10}, 2^8\})$	246514225933320192
6	$\mathcal{O}(8; \{6^8, 3^{13}, 2^4\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^8, 3^{16}\})$	15776791973116379136
6	$\mathcal{O}(8; \{6^9, 3^2, 2^{17}\})$	1923996956884992
6	$\mathcal{O}(8; \{6^9, 3^5, 2^{13}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^9, 3^8, 2^9\})$	123254291856752640
6	$\mathcal{O}(8; \{6^9, 3^{11}, 2^5\})$	986051261513465856
6	$\mathcal{O}(8; \{6^9, 3^{14}, 2\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^{10}, 2^{18}\})$	964819588349952
6	$\mathcal{O}(8; \{6^{10}, 3^3, 2^{14}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^{10}, 3^6, 2^{10}\})$	61629967038283776
6	$\mathcal{O}(8; \{6^{10}, 3^9, 2^6\})$	493022809646825472
6	$\mathcal{O}(8; \{6^{10}, 3^{12}, 2^2\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^{11}, 3, 2^{15}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^{11}, 3^4, 2^{11}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^{11}, 3^7, 2^7\})$	246514225933320192
6	$\mathcal{O}(8; \{6^{11}, 3^{10}, 2^3\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^{12}, 3^2, 2^{12}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^{12}, 3^5, 2^8\})$	123254291856752640
6	$\mathcal{O}(8; \{6^{12}, 3^8, 2^4\})$	986051261513465856

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(8; \{6^{12}, 3^{11}\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^{13}, 2^{13}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^{13}, 3^3, 2^9\})$	61629967038283776
6	$\mathcal{O}(8; \{6^{13}, 3^6, 2^5\})$	493022809646825472
6	$\mathcal{O}(8; \{6^{13}, 3^9, 2\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^{14}, 3, 2^{10}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^{14}, 3^4, 2^6\})$	246514225933320192
6	$\mathcal{O}(8; \{6^{14}, 3^7, 2^2\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^{15}, 3^2, 2^7\})$	123254291856752640
6	$\mathcal{O}(8; \{6^{15}, 3^5, 2^3\})$	986051261513465856
6	$\mathcal{O}(8; \{6^{16}, 2^8\})$	61629967038283776
6	$\mathcal{O}(8; \{6^{16}, 3^3, 2^4\})$	493022809646825472
6	$\mathcal{O}(8; \{6^{16}, 3^6\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^{17}, 3, 2^5\})$	246514225933320192
6	$\mathcal{O}(8; \{6^{17}, 3^4, 2\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^{18}, 3^2, 2^2\})$	986051261513465856
6	$\mathcal{O}(8; \{6^{19}, 2^3\})$	493022809646825472
6	$\mathcal{O}(8; \{6^{20}, 3\})$	1972096880807116800
6	$\mathcal{O}(7; \{3^2, 2^{36}\})$	156728328192
6	$\mathcal{O}(7; \{3^5, 2^{32}\})$	783641640960
6	$\mathcal{O}(7; \{3^8, 2^{28}\})$	6739318112256
6	$\mathcal{O}(7; \{3^{11}, 2^{24}\})$	53444359913472
6	$\mathcal{O}(7; \{3^{14}, 2^{20}\})$	428025064292352
6	$\mathcal{O}(7; \{3^{17}, 2^{16}\})$	3423730329354240
6	$\mathcal{O}(7; \{3^{20}, 2^{12}\})$	27390312819818496
6	$\mathcal{O}(7; \{3^{23}, 2^8\})$	219122032373563392
6	$\mathcal{O}(7; \{3^{26}, 2^4\})$	1752976729173491712
6	$\mathcal{O}(7; \{3^{29}\})$	14022957417563105190
6	$\mathcal{O}(7; \{6, 3^3, 2^{33}\})$	470184984576
6	$\mathcal{O}(7; \{6, 3^6, 2^{29}\})$	3291294892032
6	$\mathcal{O}(7; \{6, 3^9, 2^{25}\})$	26800544120832
6	$\mathcal{O}(7; \{6, 3^{12}, 2^{21}\})$	213934167982080
6	$\mathcal{O}(7; \{6, 3^{15}, 2^{17}\})$	1711943528841216
6	$\mathcal{O}(7; \{6, 3^{18}, 2^{13}\})$	13695078045745152
6	$\mathcal{O}(7; \{6, 3^{21}, 2^9\})$	109561094550945792
6	$\mathcal{O}(7; \{6, 3^{24}, 2^5\})$	876488286222581760
6	$\mathcal{O}(7; \{6, 3^{27}, 2\})$	7011906759965638656
6	$\mathcal{O}(7; \{6^2, 3, 2^{34}\})$	156728328192
6	$\mathcal{O}(7; \{6^2, 3^4, 2^{30}\})$	1724011610112
6	$\mathcal{O}(7; \{6^2, 3^7, 2^{26}\})$	13321907896320
6	$\mathcal{O}(7; \{6^2, 3^{10}, 2^{22}\})$	107045448155136
6	$\mathcal{O}(7; \{6^2, 3^{13}, 2^{18}\})$	855893400256512
6	$\mathcal{O}(7; \{6^2, 3^{16}, 2^{14}\})$	6847617387036672

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{6^2, 3^{19}, 2^{10}\})$	54780468911308800
6	$\mathcal{O}(7; \{6^2, 3^{22}, 2^6\})$	438244221475454976
6	$\mathcal{O}(7; \{6^2, 3^{25}, 2^2\})$	3505953301618655232
6	$\mathcal{O}(7; \{6^3, 3^2, 2^{31}\})$	783641640960
6	$\mathcal{O}(7; \{6^3, 3^5, 2^{27}\})$	6739318112256
6	$\mathcal{O}(7; \{6^3, 3^8, 2^{23}\})$	53444359913472
6	$\mathcal{O}(7; \{6^3, 3^{11}, 2^{19}\})$	428025064292352
6	$\mathcal{O}(7; \{6^3, 3^{14}, 2^{15}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^3, 3^{17}, 2^{11}\})$	27390312819818496
6	$\mathcal{O}(7; \{6^3, 3^{20}, 2^7\})$	219122032373563392
6	$\mathcal{O}(7; \{6^3, 3^{23}, 2^3\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^4, 2^{32}\})$	470184984576
6	$\mathcal{O}(7; \{6^4, 3^3, 2^{28}\})$	3291294892032
6	$\mathcal{O}(7; \{6^4, 3^6, 2^{24}\})$	26800544120832
6	$\mathcal{O}(7; \{6^4, 3^9, 2^{20}\})$	213934167982080
6	$\mathcal{O}(7; \{6^4, 3^{12}, 2^{16}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^4, 3^{15}, 2^{12}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^4, 3^{18}, 2^8\})$	109561094550945792
6	$\mathcal{O}(7; \{6^4, 3^{21}, 2^4\})$	876488286222581760
6	$\mathcal{O}(7; \{6^4, 3^{24}\})$	7011906759965638656
6	$\mathcal{O}(7; \{6^5, 3, 2^{29}\})$	1724011610112
6	$\mathcal{O}(7; \{6^5, 3^4, 2^{25}\})$	13321907896320
6	$\mathcal{O}(7; \{6^5, 3^7, 2^{21}\})$	107045448155136
6	$\mathcal{O}(7; \{6^5, 3^{10}, 2^{17}\})$	855893400256512
6	$\mathcal{O}(7; \{6^5, 3^{13}, 2^{13}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^5, 3^{16}, 2^9\})$	54780468911308800
6	$\mathcal{O}(7; \{6^5, 3^{19}, 2^5\})$	438244221475454976
6	$\mathcal{O}(7; \{6^5, 3^{22}, 2\})$	3505953301618655232
6	$\mathcal{O}(7; \{6^6, 3^2, 2^{26}\})$	6739318112256
6	$\mathcal{O}(7; \{6^6, 3^5, 2^{22}\})$	53444359913472
6	$\mathcal{O}(7; \{6^6, 3^8, 2^{18}\})$	428025064292352
6	$\mathcal{O}(7; \{6^6, 3^{11}, 2^{14}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^6, 3^{14}, 2^{10}\})$	27390312819818496
6	$\mathcal{O}(7; \{6^6, 3^{17}, 2^6\})$	219122032373563392
6	$\mathcal{O}(7; \{6^6, 3^{20}, 2^2\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^7, 2^{27}\})$	3291294892032
6	$\mathcal{O}(7; \{6^7, 3^3, 2^{23}\})$	26800544120832
6	$\mathcal{O}(7; \{6^7, 3^6, 2^{19}\})$	213934167982080
6	$\mathcal{O}(7; \{6^7, 3^9, 2^{15}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^7, 3^{12}, 2^{11}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^7, 3^{15}, 2^7\})$	109561094550945792
6	$\mathcal{O}(7; \{6^7, 3^{18}, 2^3\})$	876488286222581760
6	$\mathcal{O}(7; \{6^8, 3, 2^{24}\})$	13321907896320

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{6^8, 3^4, 2^{20}\})$	107045448155136
6	$\mathcal{O}(7; \{6^8, 3^7, 2^{16}\})$	855893400256512
6	$\mathcal{O}(7; \{6^8, 3^{10}, 2^{12}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^8, 3^{13}, 2^8\})$	54780468911308800
6	$\mathcal{O}(7; \{6^8, 3^{16}, 2^4\})$	438244221475454976
6	$\mathcal{O}(7; \{6^8, 3^{19}\})$	3505953301618655232
6	$\mathcal{O}(7; \{6^9, 3^2, 2^{21}\})$	53444359913472
6	$\mathcal{O}(7; \{6^9, 3^5, 2^{17}\})$	428025064292352
6	$\mathcal{O}(7; \{6^9, 3^8, 2^{13}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^9, 3^{11}, 2^9\})$	27390312819818496
6	$\mathcal{O}(7; \{6^9, 3^{14}, 2^5\})$	219122032373563392
6	$\mathcal{O}(7; \{6^9, 3^{17}, 2\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^{10}, 2^{22}\})$	26800544120832
6	$\mathcal{O}(7; \{6^{10}, 3^3, 2^{18}\})$	213934167982080
6	$\mathcal{O}(7; \{6^{10}, 3^6, 2^{14}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^{10}, 3^9, 2^{10}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^{10}, 3^{12}, 2^6\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{10}, 3^{15}, 2^2\})$	876488286222581760
6	$\mathcal{O}(7; \{6^{11}, 3, 2^{19}\})$	107045448155136
6	$\mathcal{O}(7; \{6^{11}, 3^4, 2^{15}\})$	855893400256512
6	$\mathcal{O}(7; \{6^{11}, 3^7, 2^{11}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^{11}, 3^{10}, 2^7\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{11}, 3^{13}, 2^3\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{12}, 3^2, 2^{16}\})$	428025064292352
6	$\mathcal{O}(7; \{6^{12}, 3^5, 2^{12}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^{12}, 3^8, 2^8\})$	27390312819818496
6	$\mathcal{O}(7; \{6^{12}, 3^{11}, 2^4\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{12}, 3^{14}\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^{13}, 2^{17}\})$	213934167982080
6	$\mathcal{O}(7; \{6^{13}, 3^3, 2^{13}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^{13}, 3^6, 2^9\})$	13695078045745152
6	$\mathcal{O}(7; \{6^{13}, 3^9, 2^5\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{13}, 3^{12}, 2\})$	876488286222581760
6	$\mathcal{O}(7; \{6^{14}, 3, 2^{14}\})$	855893400256512
6	$\mathcal{O}(7; \{6^{14}, 3^4, 2^{10}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^{14}, 3^7, 2^6\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{14}, 3^{10}, 2^2\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{15}, 3^2, 2^{11}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^{15}, 3^5, 2^7\})$	27390312819818496
6	$\mathcal{O}(7; \{6^{15}, 3^8, 2^3\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{16}, 2^{12}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^{16}, 3^3, 2^8\})$	13695078045745152
6	$\mathcal{O}(7; \{6^{16}, 3^6, 2^4\})$	109561094550945792

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{6^{16}, 3^9\})$	876488286222581760
6	$\mathcal{O}(7; \{6^{17}, 3, 2^9\})$	6847617387036672
6	$\mathcal{O}(7; \{6^{17}, 3^4, 2^5\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{17}, 3^7, 2\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{18}, 3^2, 2^6\})$	27390312819818496
6	$\mathcal{O}(7; \{6^{18}, 3^5, 2^2\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{19}, 2^7\})$	13695078045745152
6	$\mathcal{O}(7; \{6^{19}, 3^3, 2^3\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{20}, 3, 2^4\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{20}, 3^4\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{21}, 3^2, 2\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{22}, 2^2\})$	109561094550945792
6	$\mathcal{O}(6; \{3^2, 2^{40}\})$	4353564672
6	$\mathcal{O}(6; \{3^5, 2^{36}\})$	21767823360
6	$\mathcal{O}(6; \{3^8, 2^{32}\})$	187203280896
6	$\mathcal{O}(6; \{3^{11}, 2^{28}\})$	1484565553152
6	$\mathcal{O}(6; \{3^{14}, 2^{24}\})$	11889585119232
6	$\mathcal{O}(6; \{3^{17}, 2^{20}\})$	95103620259840
6	$\mathcal{O}(6; \{3^{20}, 2^{16}\})$	760842022772736
6	$\mathcal{O}(6; \{3^{23}, 2^{12}\})$	6086723121487872
6	$\mathcal{O}(6; \{3^{26}, 2^8\})$	48693798032596992
6	$\mathcal{O}(6; \{3^{29}, 2^4\})$	389550371200081920
6	$\mathcal{O}(6; \{3^{32}\})$	3115642142089410570
6	$\mathcal{O}(6; \{6, 3^3, 2^{37}\})$	13060694016
6	$\mathcal{O}(6; \{6, 3^6, 2^{33}\})$	91424858112
6	$\mathcal{O}(6; \{6, 3^9, 2^{29}\})$	744459558912
6	$\mathcal{O}(6; \{6, 3^{12}, 2^{25}\})$	5942615777280
6	$\mathcal{O}(6; \{6, 3^{15}, 2^{21}\})$	47553986912256
6	$\mathcal{O}(6; \{6, 3^{18}, 2^{17}\})$	380418834604032
6	$\mathcal{O}(6; \{6, 3^{21}, 2^{13}\})$	3043363737526272
6	$\mathcal{O}(6; \{6, 3^{24}, 2^9\})$	24346896839516160
6	$\mathcal{O}(6; \{6, 3^{27}, 2^5\})$	194775187776823296
6	$\mathcal{O}(6; \{6, 3^{30}, 2\})$	1558201489153892352
6	$\mathcal{O}(6; \{6^2, 3, 2^{38}\})$	4353564672
6	$\mathcal{O}(6; \{6^2, 3^4, 2^{34}\})$	47889211392
6	$\mathcal{O}(6; \{6^2, 3^7, 2^{30}\})$	370052997120
6	$\mathcal{O}(6; \{6^2, 3^{10}, 2^{26}\})$	2973484670976
6	$\mathcal{O}(6; \{6^2, 3^{13}, 2^{22}\})$	23774816673792
6	$\mathcal{O}(6; \{6^2, 3^{16}, 2^{18}\})$	190211594084352
6	$\mathcal{O}(6; \{6^2, 3^{19}, 2^{14}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^2, 3^{22}, 2^{10}\})$	12173450596540416
6	$\mathcal{O}(6; \{6^2, 3^{25}, 2^6\})$	97387591711629312
6	$\mathcal{O}(6; \{6^2, 3^{28}, 2^2\})$	779100746753728512

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{6^3, 3^2, 2^{35}\})$	21767823360
6	$\mathcal{O}(6; \{6^3, 3^5, 2^{31}\})$	187203280896
6	$\mathcal{O}(6; \{6^3, 3^8, 2^{27}\})$	1484565553152
6	$\mathcal{O}(6; \{6^3, 3^{11}, 2^{23}\})$	11889585119232
6	$\mathcal{O}(6; \{6^3, 3^{14}, 2^{19}\})$	95103620259840
6	$\mathcal{O}(6; \{6^3, 3^{17}, 2^{15}\})$	760842022772736
6	$\mathcal{O}(6; \{6^3, 3^{20}, 2^{11}\})$	6086723121487872
6	$\mathcal{O}(6; \{6^3, 3^{23}, 2^7\})$	48693798032596992
6	$\mathcal{O}(6; \{6^3, 3^{26}, 2^3\})$	389550371200081920
6	$\mathcal{O}(6; \{6^4, 2^{36}\})$	13060694016
6	$\mathcal{O}(6; \{6^4, 3^3, 2^{32}\})$	91424858112
6	$\mathcal{O}(6; \{6^4, 3^6, 2^{28}\})$	744459558912
6	$\mathcal{O}(6; \{6^4, 3^9, 2^{24}\})$	5942615777280
6	$\mathcal{O}(6; \{6^4, 3^{12}, 2^{20}\})$	47553986912256
6	$\mathcal{O}(6; \{6^4, 3^{15}, 2^{16}\})$	380418834604032
6	$\mathcal{O}(6; \{6^4, 3^{18}, 2^{12}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^4, 3^{21}, 2^8\})$	24346896839516160
6	$\mathcal{O}(6; \{6^4, 3^{24}, 2^4\})$	194775187776823296
6	$\mathcal{O}(6; \{6^4, 3^{27}\})$	1558201489153892352
6	$\mathcal{O}(6; \{6^5, 3, 2^{33}\})$	47889211392
6	$\mathcal{O}(6; \{6^5, 3^4, 2^{29}\})$	370052997120
6	$\mathcal{O}(6; \{6^5, 3^7, 2^{25}\})$	2973484670976
6	$\mathcal{O}(6; \{6^5, 3^{10}, 2^{21}\})$	23774816673792
6	$\mathcal{O}(6; \{6^5, 3^{13}, 2^{17}\})$	190211594084352
6	$\mathcal{O}(6; \{6^5, 3^{16}, 2^{13}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^5, 3^{19}, 2^9\})$	12173450596540416
6	$\mathcal{O}(6; \{6^5, 3^{22}, 2^5\})$	97387591711629312
6	$\mathcal{O}(6; \{6^5, 3^{25}, 2\})$	779100746753728512
6	$\mathcal{O}(6; \{6^6, 3^2, 2^{30}\})$	187203280896
6	$\mathcal{O}(6; \{6^6, 3^5, 2^{26}\})$	1484565553152
6	$\mathcal{O}(6; \{6^6, 3^8, 2^{22}\})$	11889585119232
6	$\mathcal{O}(6; \{6^6, 3^{11}, 2^{18}\})$	95103620259840
6	$\mathcal{O}(6; \{6^6, 3^{14}, 2^{14}\})$	760842022772736
6	$\mathcal{O}(6; \{6^6, 3^{17}, 2^{10}\})$	6086723121487872
6	$\mathcal{O}(6; \{6^6, 3^{20}, 2^6\})$	48693798032596992
6	$\mathcal{O}(6; \{6^6, 3^{23}, 2^2\})$	389550371200081920
6	$\mathcal{O}(6; \{6^7, 2^{31}\})$	91424858112
6	$\mathcal{O}(6; \{6^7, 3^3, 2^{27}\})$	744459558912
6	$\mathcal{O}(6; \{6^7, 3^6, 2^{23}\})$	5942615777280
6	$\mathcal{O}(6; \{6^7, 3^9, 2^{19}\})$	47553986912256
6	$\mathcal{O}(6; \{6^7, 3^{12}, 2^{15}\})$	380418834604032
6	$\mathcal{O}(6; \{6^7, 3^{15}, 2^{11}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^7, 3^{18}, 2^7\})$	24346896839516160

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{6^7, 3^{21}, 2^3\})$	194775187776823296
6	$\mathcal{O}(6; \{6^8, 3, 2^{28}\})$	370052997120
6	$\mathcal{O}(6; \{6^8, 3^4, 2^{24}\})$	2973484670976
6	$\mathcal{O}(6; \{6^8, 3^7, 2^{20}\})$	23774816673792
6	$\mathcal{O}(6; \{6^8, 3^{10}, 2^{16}\})$	190211594084352
6	$\mathcal{O}(6; \{6^8, 3^{13}, 2^{12}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^8, 3^{16}, 2^8\})$	12173450596540416
6	$\mathcal{O}(6; \{6^8, 3^{19}, 2^4\})$	97387591711629312
6	$\mathcal{O}(6; \{6^8, 3^{22}\})$	779100746753728512
6	$\mathcal{O}(6; \{6^9, 3^2, 2^{25}\})$	1484565553152
6	$\mathcal{O}(6; \{6^9, 3^5, 2^{21}\})$	11889585119232
6	$\mathcal{O}(6; \{6^9, 3^8, 2^{17}\})$	95103620259840
6	$\mathcal{O}(6; \{6^9, 3^{11}, 2^{13}\})$	760842022772736
6	$\mathcal{O}(6; \{6^9, 3^{14}, 2^9\})$	6086723121487872
6	$\mathcal{O}(6; \{6^9, 3^{17}, 2^5\})$	48693798032596992
6	$\mathcal{O}(6; \{6^9, 3^{20}, 2\})$	389550371200081920
6	$\mathcal{O}(6; \{6^{10}, 2^{26}\})$	744459558912
6	$\mathcal{O}(6; \{6^{10}, 3^3, 2^{22}\})$	5942615777280
6	$\mathcal{O}(6; \{6^{10}, 3^6, 2^{18}\})$	47553986912256
6	$\mathcal{O}(6; \{6^{10}, 3^9, 2^{14}\})$	380418834604032
6	$\mathcal{O}(6; \{6^{10}, 3^{12}, 2^{10}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{10}, 3^{15}, 2^6\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{10}, 3^{18}, 2^2\})$	194775187776823296
6	$\mathcal{O}(6; \{6^{11}, 3, 2^{23}\})$	2973484670976
6	$\mathcal{O}(6; \{6^{11}, 3^4, 2^{19}\})$	23774816673792
6	$\mathcal{O}(6; \{6^{11}, 3^7, 2^{15}\})$	190211594084352
6	$\mathcal{O}(6; \{6^{11}, 3^{10}, 2^{11}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{11}, 3^{13}, 2^7\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{11}, 3^{16}, 2^3\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{12}, 3^2, 2^{20}\})$	11889585119232
6	$\mathcal{O}(6; \{6^{12}, 3^5, 2^{16}\})$	95103620259840
6	$\mathcal{O}(6; \{6^{12}, 3^8, 2^{12}\})$	760842022772736
6	$\mathcal{O}(6; \{6^{12}, 3^{11}, 2^8\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{12}, 3^{14}, 2^4\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{12}, 3^{17}\})$	389550371200081920
6	$\mathcal{O}(6; \{6^{13}, 2^{21}\})$	5942615777280
6	$\mathcal{O}(6; \{6^{13}, 3^3, 2^{17}\})$	47553986912256
6	$\mathcal{O}(6; \{6^{13}, 3^6, 2^{13}\})$	380418834604032
6	$\mathcal{O}(6; \{6^{13}, 3^9, 2^9\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{13}, 3^{12}, 2^5\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{13}, 3^{15}, 2\})$	194775187776823296
6	$\mathcal{O}(6; \{6^{14}, 3, 2^{18}\})$	23774816673792
6	$\mathcal{O}(6; \{6^{14}, 3^4, 2^{14}\})$	190211594084352

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{6^{14}, 3^7, 2^{10}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{14}, 3^{10}, 2^6\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{14}, 3^{13}, 2^2\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{15}, 3^2, 2^{15}\})$	95103620259840
6	$\mathcal{O}(6; \{6^{15}, 3^5, 2^{11}\})$	760842022772736
6	$\mathcal{O}(6; \{6^{15}, 3^8, 2^7\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{15}, 3^{11}, 2^3\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{16}, 2^{16}\})$	47553986912256
6	$\mathcal{O}(6; \{6^{16}, 3^3, 2^{12}\})$	380418834604032
6	$\mathcal{O}(6; \{6^{16}, 3^6, 2^8\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{16}, 3^9, 2^4\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{16}, 3^{12}\})$	194775187776823296
6	$\mathcal{O}(6; \{6^{17}, 3, 2^{13}\})$	190211594084352
6	$\mathcal{O}(6; \{6^{17}, 3^4, 2^9\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{17}, 3^7, 2^5\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{17}, 3^{10}, 2\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{18}, 3^2, 2^{10}\})$	760842022772736
6	$\mathcal{O}(6; \{6^{18}, 3^5, 2^6\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{18}, 3^8, 2^2\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{19}, 2^{11}\})$	380418834604032
6	$\mathcal{O}(6; \{6^{19}, 3^3, 2^7\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{19}, 3^6, 2^3\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{20}, 3, 2^8\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{20}, 3^4, 2^4\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{20}, 3^7\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{21}, 3^2, 2^5\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{21}, 3^5, 2\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{22}, 2^6\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{22}, 3^3, 2^2\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{23}, 3, 2^3\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{24}, 3^2\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{25}, 2\})$	24346896839516160
6	$\mathcal{O}(5; \{3^2, 2^{44}\})$	120932352
6	$\mathcal{O}(5; \{3^5, 2^{40}\})$	604661760
6	$\mathcal{O}(5; \{3^8, 2^{36}\})$	5200091136
6	$\mathcal{O}(5; \{3^{11}, 2^{32}\})$	41237932032
6	$\mathcal{O}(5; \{3^{14}, 2^{28}\})$	330266253312
6	$\mathcal{O}(5; \{3^{17}, 2^{24}\})$	2641767229440
6	$\mathcal{O}(5; \{3^{20}, 2^{20}\})$	21134500632576
6	$\mathcal{O}(5; \{3^{23}, 2^{16}\})$	169075642263552
6	$\mathcal{O}(5; \{3^{26}, 2^{12}\})$	1352605500905472
6	$\mathcal{O}(5; \{3^{29}, 2^8\})$	10820843644446720
6	$\mathcal{O}(5; \{3^{32}, 2^4\})$	86566749518370816

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(O), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{3^{35}\})$	691857693053911494
6	$\mathcal{O}(5; \{6, 3^3, 2^{41}\})$	362797056
6	$\mathcal{O}(5; \{6, 3^6, 2^{37}\})$	2539579392
6	$\mathcal{O}(5; \{6, 3^9, 2^{33}\})$	20679432192
6	$\mathcal{O}(5; \{6, 3^{12}, 2^{29}\})$	165072660480
6	$\mathcal{O}(5; \{6, 3^{15}, 2^{25}\})$	1320944080896
6	$\mathcal{O}(5; \{6, 3^{18}, 2^{21}\})$	10567189850112
6	$\mathcal{O}(5; \{6, 3^{21}, 2^{17}\})$	84537881597952
6	$\mathcal{O}(5; \{6, 3^{24}, 2^{13}\})$	676302689986560
6	$\mathcal{O}(5; \{6, 3^{27}, 2^9\})$	5410421882689536
6	$\mathcal{O}(5; \{6, 3^{30}, 2^5\})$	43283374698719232
6	$\mathcal{O}(5; \{6, 3^{33}, 2\})$	346266997952550912
6	$\mathcal{O}(5; \{6^2, 3, 2^{42}\})$	120932352
6	$\mathcal{O}(5; \{6^2, 3^4, 2^{38}\})$	1330255872
6	$\mathcal{O}(5; \{6^2, 3^7, 2^{34}\})$	10279249920
6	$\mathcal{O}(5; \{6^2, 3^{10}, 2^{30}\})$	82596796416
6	$\mathcal{O}(5; \{6^2, 3^{13}, 2^{26}\})$	660411574272
6	$\mathcal{O}(5; \{6^2, 3^{16}, 2^{22}\})$	5283655391232
6	$\mathcal{O}(5; \{6^2, 3^{19}, 2^{18}\})$	42268880332800
6	$\mathcal{O}(5; \{6^2, 3^{22}, 2^{14}\})$	338151405459456
6	$\mathcal{O}(5; \{6^2, 3^{25}, 2^{10}\})$	2705210880878592
6	$\mathcal{O}(5; \{6^2, 3^{28}, 2^6\})$	21641687409825792
6	$\mathcal{O}(5; \{6^2, 3^{31}, 2^2\})$	173133498915809280
6	$\mathcal{O}(5; \{6^3, 3^2, 2^{39}\})$	604661760
6	$\mathcal{O}(5; \{6^3, 3^5, 2^{35}\})$	5200091136
6	$\mathcal{O}(5; \{6^3, 3^8, 2^{31}\})$	41237932032
6	$\mathcal{O}(5; \{6^3, 3^{11}, 2^{27}\})$	330266253312
6	$\mathcal{O}(5; \{6^3, 3^{14}, 2^{23}\})$	2641767229440
6	$\mathcal{O}(5; \{6^3, 3^{17}, 2^{19}\})$	21134500632576
6	$\mathcal{O}(5; \{6^3, 3^{20}, 2^{15}\})$	169075642263552
6	$\mathcal{O}(5; \{6^3, 3^{23}, 2^{11}\})$	1352605500905472
6	$\mathcal{O}(5; \{6^3, 3^{26}, 2^7\})$	10820843644446720
6	$\mathcal{O}(5; \{6^3, 3^{29}, 2^3\})$	86566749518370816
6	$\mathcal{O}(5; \{6^4, 2^{40}\})$	362797056
6	$\mathcal{O}(5; \{6^4, 3^3, 2^{36}\})$	2539579392
6	$\mathcal{O}(5; \{6^4, 3^6, 2^{32}\})$	20679432192
6	$\mathcal{O}(5; \{6^4, 3^9, 2^{28}\})$	165072660480
6	$\mathcal{O}(5; \{6^4, 3^{12}, 2^{24}\})$	1320944080896
6	$\mathcal{O}(5; \{6^4, 3^{15}, 2^{20}\})$	10567189850112
6	$\mathcal{O}(5; \{6^4, 3^{18}, 2^{16}\})$	84537881597952
6	$\mathcal{O}(5; \{6^4, 3^{21}, 2^{12}\})$	676302689986560
6	$\mathcal{O}(5; \{6^4, 3^{24}, 2^8\})$	5410421882689536
6	$\mathcal{O}(5; \{6^4, 3^{27}, 2^4\})$	43283374698719232

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6^4, 3^{30}\})$	346266997952550912
6	$\mathcal{O}(5; \{6^5, 3, 2^{37}\})$	1330255872
6	$\mathcal{O}(5; \{6^5, 3^4, 2^{33}\})$	10279249920
6	$\mathcal{O}(5; \{6^5, 3^7, 2^{29}\})$	82596796416
6	$\mathcal{O}(5; \{6^5, 3^{10}, 2^{25}\})$	660411574272
6	$\mathcal{O}(5; \{6^5, 3^{13}, 2^{21}\})$	5283655391232
6	$\mathcal{O}(5; \{6^5, 3^{16}, 2^{17}\})$	42268880332800
6	$\mathcal{O}(5; \{6^5, 3^{19}, 2^{13}\})$	338151405459456
6	$\mathcal{O}(5; \{6^5, 3^{22}, 2^9\})$	2705210880878592
6	$\mathcal{O}(5; \{6^5, 3^{25}, 2^5\})$	21641687409825792
6	$\mathcal{O}(5; \{6^5, 3^{28}, 2\})$	173133498915809280
6	$\mathcal{O}(5; \{6^6, 3^2, 2^{34}\})$	5200091136
6	$\mathcal{O}(5; \{6^6, 3^5, 2^{30}\})$	41237932032
6	$\mathcal{O}(5; \{6^6, 3^8, 2^{26}\})$	330266253312
6	$\mathcal{O}(5; \{6^6, 3^{11}, 2^{22}\})$	2641767229440
6	$\mathcal{O}(5; \{6^6, 3^{14}, 2^{18}\})$	21134500632576
6	$\mathcal{O}(5; \{6^6, 3^{17}, 2^{14}\})$	169075642263552
6	$\mathcal{O}(5; \{6^6, 3^{20}, 2^{10}\})$	1352605500905472
6	$\mathcal{O}(5; \{6^6, 3^{23}, 2^6\})$	10820843644446720
6	$\mathcal{O}(5; \{6^6, 3^{26}, 2^2\})$	86566749518370816
6	$\mathcal{O}(5; \{6^7, 2^{35}\})$	2539579392
6	$\mathcal{O}(5; \{6^7, 3^3, 2^{31}\})$	20679432192
6	$\mathcal{O}(5; \{6^7, 3^6, 2^{27}\})$	165072660480
6	$\mathcal{O}(5; \{6^7, 3^9, 2^{23}\})$	1320944080896
6	$\mathcal{O}(5; \{6^7, 3^{12}, 2^{19}\})$	10567189850112
6	$\mathcal{O}(5; \{6^7, 3^{15}, 2^{15}\})$	84537881597952
6	$\mathcal{O}(5; \{6^7, 3^{18}, 2^{11}\})$	676302689986560
6	$\mathcal{O}(5; \{6^7, 3^{21}, 2^7\})$	5410421882689536
6	$\mathcal{O}(5; \{6^7, 3^{24}, 2^3\})$	43283374698719232
6	$\mathcal{O}(5; \{6^8, 3, 2^{32}\})$	10279249920
6	$\mathcal{O}(5; \{6^8, 3^4, 2^{28}\})$	82596796416
6	$\mathcal{O}(5; \{6^8, 3^7, 2^{24}\})$	660411574272
6	$\mathcal{O}(5; \{6^8, 3^{10}, 2^{20}\})$	5283655391232
6	$\mathcal{O}(5; \{6^8, 3^{13}, 2^{16}\})$	42268880332800
6	$\mathcal{O}(5; \{6^8, 3^{16}, 2^{12}\})$	338151405459456
6	$\mathcal{O}(5; \{6^8, 3^{19}, 2^8\})$	2705210880878592
6	$\mathcal{O}(5; \{6^8, 3^{22}, 2^4\})$	21641687409825792
6	$\mathcal{O}(5; \{6^8, 3^{25}\})$	173133498915809280
6	$\mathcal{O}(5; \{6^9, 3^2, 2^{29}\})$	41237932032
6	$\mathcal{O}(5; \{6^9, 3^5, 2^{25}\})$	330266253312
6	$\mathcal{O}(5; \{6^9, 3^8, 2^{21}\})$	2641767229440
6	$\mathcal{O}(5; \{6^9, 3^{11}, 2^{17}\})$	21134500632576
6	$\mathcal{O}(5; \{6^9, 3^{14}, 2^{13}\})$	169075642263552

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6^9, 3^{17}, 2^9\})$	1352605500905472
6	$\mathcal{O}(5; \{6^9, 3^{20}, 2^5\})$	10820843644446720
6	$\mathcal{O}(5; \{6^9, 3^{23}, 2\})$	86566749518370816
6	$\mathcal{O}(5; \{6^{10}, 2^{30}\})$	20679432192
6	$\mathcal{O}(5; \{6^{10}, 3^3, 2^{26}\})$	165072660480
6	$\mathcal{O}(5; \{6^{10}, 3^6, 2^{22}\})$	1320944080896
6	$\mathcal{O}(5; \{6^{10}, 3^9, 2^{18}\})$	10567189850112
6	$\mathcal{O}(5; \{6^{10}, 3^{12}, 2^{14}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{10}, 3^{15}, 2^{10}\})$	676302689986560
6	$\mathcal{O}(5; \{6^{10}, 3^{18}, 2^6\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{10}, 3^{21}, 2^2\})$	43283374698719232
6	$\mathcal{O}(5; \{6^{11}, 3, 2^{27}\})$	82596796416
6	$\mathcal{O}(5; \{6^{11}, 3^4, 2^{23}\})$	660411574272
6	$\mathcal{O}(5; \{6^{11}, 3^7, 2^{19}\})$	5283655391232
6	$\mathcal{O}(5; \{6^{11}, 3^{10}, 2^{15}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{11}, 3^{13}, 2^{11}\})$	338151405459456
6	$\mathcal{O}(5; \{6^{11}, 3^{16}, 2^7\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{11}, 3^{19}, 2^3\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{12}, 3^2, 2^{24}\})$	330266253312
6	$\mathcal{O}(5; \{6^{12}, 3^5, 2^{20}\})$	2641767229440
6	$\mathcal{O}(5; \{6^{12}, 3^8, 2^{16}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{12}, 3^{11}, 2^{12}\})$	169075642263552
6	$\mathcal{O}(5; \{6^{12}, 3^{14}, 2^8\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{12}, 3^{17}, 2^4\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{12}, 3^{20}\})$	86566749518370816
6	$\mathcal{O}(5; \{6^{13}, 2^{25}\})$	165072660480
6	$\mathcal{O}(5; \{6^{13}, 3^3, 2^{21}\})$	1320944080896
6	$\mathcal{O}(5; \{6^{13}, 3^6, 2^{17}\})$	10567189850112
6	$\mathcal{O}(5; \{6^{13}, 3^9, 2^{13}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{13}, 3^{12}, 2^9\})$	676302689986560
6	$\mathcal{O}(5; \{6^{13}, 3^{15}, 2^5\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{13}, 3^{18}, 2\})$	43283374698719232
6	$\mathcal{O}(5; \{6^{14}, 3, 2^{22}\})$	660411574272
6	$\mathcal{O}(5; \{6^{14}, 3^4, 2^{18}\})$	5283655391232
6	$\mathcal{O}(5; \{6^{14}, 3^7, 2^{14}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{14}, 3^{10}, 2^{10}\})$	338151405459456
6	$\mathcal{O}(5; \{6^{14}, 3^{13}, 2^6\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{14}, 3^{16}, 2^2\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{15}, 3^2, 2^{19}\})$	2641767229440
6	$\mathcal{O}(5; \{6^{15}, 3^5, 2^{15}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{15}, 3^8, 2^{11}\})$	169075642263552
6	$\mathcal{O}(5; \{6^{15}, 3^{11}, 2^7\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{15}, 3^{14}, 2^3\})$	10820843644446720

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6^{16}, 2^{20}\})$	1320944080896
6	$\mathcal{O}(5; \{6^{16}, 3^3, 2^{16}\})$	10567189850112
6	$\mathcal{O}(5; \{6^{16}, 3^6, 2^{12}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{16}, 3^9, 2^8\})$	676302689986560
6	$\mathcal{O}(5; \{6^{16}, 3^{12}, 2^4\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{16}, 3^{15}\})$	43283374698719232
6	$\mathcal{O}(5; \{6^{17}, 3, 2^{17}\})$	5283655391232
6	$\mathcal{O}(5; \{6^{17}, 3^4, 2^{13}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{17}, 3^7, 2^9\})$	338151405459456
6	$\mathcal{O}(5; \{6^{17}, 3^{10}, 2^5\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{17}, 3^{13}, 2\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{18}, 3^2, 2^{14}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{18}, 3^5, 2^{10}\})$	169075642263552
6	$\mathcal{O}(5; \{6^{18}, 3^8, 2^6\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{18}, 3^{11}, 2^2\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{19}, 2^{15}\})$	10567189850112
6	$\mathcal{O}(5; \{6^{19}, 3^3, 2^{11}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{19}, 3^6, 2^7\})$	676302689986560
6	$\mathcal{O}(5; \{6^{19}, 3^9, 2^3\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{20}, 3, 2^{12}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{20}, 3^4, 2^8\})$	338151405459456
6	$\mathcal{O}(5; \{6^{20}, 3^7, 2^4\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{20}, 3^{10}\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{21}, 3^2, 2^9\})$	169075642263552
6	$\mathcal{O}(5; \{6^{21}, 3^5, 2^5\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{21}, 3^8, 2\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{22}, 2^{10}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{22}, 3^3, 2^6\})$	676302689986560
6	$\mathcal{O}(5; \{6^{22}, 3^6, 2^2\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{23}, 3, 2^7\})$	338151405459456
6	$\mathcal{O}(5; \{6^{23}, 3^4, 2^3\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{24}, 3^2, 2^4\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{24}, 3^5\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{25}, 2^5\})$	676302689986560
6	$\mathcal{O}(5; \{6^{25}, 3^3, 2\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{26}, 3, 2^2\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{28}\})$	5410421882689536
6	$\mathcal{O}(4; \{3^2, 2^{48}\})$	3359232
6	$\mathcal{O}(4; \{3^5, 2^{44}\})$	16796160
6	$\mathcal{O}(4; \{3^8, 2^{40}\})$	144446976
6	$\mathcal{O}(4; \{3^{11}, 2^{36}\})$	1145498112
6	$\mathcal{O}(4; \{3^{14}, 2^{32}\})$	9174062592
6	$\mathcal{O}(4; \{3^{17}, 2^{28}\})$	73382423040

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{3^{20}, 2^{24}\})$	587069462016
6	$\mathcal{O}(4; \{3^{23}, 2^{20}\})$	4696545618432
6	$\mathcal{O}(4; \{3^{26}, 2^{16}\})$	37572375025152
6	$\mathcal{O}(4; \{3^{29}, 2^{12}\})$	300578990123520
6	$\mathcal{O}(4; \{3^{32}, 2^8\})$	2404631931065856
6	$\mathcal{O}(4; \{3^{35}, 2^4\})$	19237055438449152
6	$\mathcal{O}(4; \{3^{38}\})$	153295285535180010
6	$\mathcal{O}(4; \{6, 3^3, 2^{45}\})$	10077696
6	$\mathcal{O}(4; \{6, 3^6, 2^{41}\})$	70543872
6	$\mathcal{O}(4; \{6, 3^9, 2^{37}\})$	574428672
6	$\mathcal{O}(4; \{6, 3^{12}, 2^{33}\})$	4585351680
6	$\mathcal{O}(4; \{6, 3^{15}, 2^{29}\})$	36692891136
6	$\mathcal{O}(4; \{6, 3^{18}, 2^{25}\})$	293533051392
6	$\mathcal{O}(4; \{6, 3^{21}, 2^{21}\})$	2348274488832
6	$\mathcal{O}(4; \{6, 3^{24}, 2^{17}\})$	18786185832960
6	$\mathcal{O}(4; \{6, 3^{27}, 2^{13}\})$	150289496741376
6	$\mathcal{O}(4; \{6, 3^{30}, 2^9\})$	1202315963853312
6	$\mathcal{O}(4; \{6, 3^{33}, 2^5\})$	9618527720904192
6	$\mathcal{O}(4; \{6, 3^{36}, 2\})$	76948221757155840
6	$\mathcal{O}(4; \{6^2, 3, 2^{46}\})$	3359232
6	$\mathcal{O}(4; \{6^2, 3^4, 2^{42}\})$	36951552
6	$\mathcal{O}(4; \{6^2, 3^7, 2^{38}\})$	285534720
6	$\mathcal{O}(4; \{6^2, 3^{10}, 2^{34}\})$	2294355456
6	$\mathcal{O}(4; \{6^2, 3^{13}, 2^{30}\})$	18344765952
6	$\mathcal{O}(4; \{6^2, 3^{16}, 2^{26}\})$	146768205312
6	$\mathcal{O}(4; \{6^2, 3^{19}, 2^{22}\})$	1174135564800
6	$\mathcal{O}(4; \{6^2, 3^{22}, 2^{18}\})$	9393094596096
6	$\mathcal{O}(4; \{6^2, 3^{25}, 2^{14}\})$	75144746691072
6	$\mathcal{O}(4; \{6^2, 3^{28}, 2^{10}\})$	601157983606272
6	$\mathcal{O}(4; \{6^2, 3^{31}, 2^6\})$	4809263858772480
6	$\mathcal{O}(4; \{6^2, 3^{34}, 2^2\})$	38474110880257536
6	$\mathcal{O}(4; \{6^3, 3^2, 2^{43}\})$	16796160
6	$\mathcal{O}(4; \{6^3, 3^5, 2^{39}\})$	144446976
6	$\mathcal{O}(4; \{6^3, 3^8, 2^{35}\})$	1145498112
6	$\mathcal{O}(4; \{6^3, 3^{11}, 2^{31}\})$	9174062592
6	$\mathcal{O}(4; \{6^3, 3^{14}, 2^{27}\})$	73382423040
6	$\mathcal{O}(4; \{6^3, 3^{17}, 2^{23}\})$	587069462016
6	$\mathcal{O}(4; \{6^3, 3^{20}, 2^{19}\})$	4696545618432
6	$\mathcal{O}(4; \{6^3, 3^{23}, 2^{15}\})$	37572375025152
6	$\mathcal{O}(4; \{6^3, 3^{26}, 2^{11}\})$	300578990123520
6	$\mathcal{O}(4; \{6^3, 3^{29}, 2^7\})$	2404631931065856
6	$\mathcal{O}(4; \{6^3, 3^{32}, 2^3\})$	19237055438449152
6	$\mathcal{O}(4; \{6^4, 2^{44}\})$	10077696

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^4, 3^3, 2^{40}\})$	70543872
6	$\mathcal{O}(4; \{6^4, 3^6, 2^{36}\})$	574428672
6	$\mathcal{O}(4; \{6^4, 3^9, 2^{32}\})$	4585351680
6	$\mathcal{O}(4; \{6^4, 3^{12}, 2^{28}\})$	36692891136
6	$\mathcal{O}(4; \{6^4, 3^{15}, 2^{24}\})$	293533051392
6	$\mathcal{O}(4; \{6^4, 3^{18}, 2^{20}\})$	2348274488832
6	$\mathcal{O}(4; \{6^4, 3^{21}, 2^{16}\})$	18786185832960
6	$\mathcal{O}(4; \{6^4, 3^{24}, 2^{12}\})$	150289496741376
6	$\mathcal{O}(4; \{6^4, 3^{27}, 2^8\})$	1202315963853312
6	$\mathcal{O}(4; \{6^4, 3^{30}, 2^4\})$	9618527720904192
6	$\mathcal{O}(4; \{6^4, 3^{33}\})$	76948221757155840
6	$\mathcal{O}(4; \{6^5, 3, 2^{41}\})$	36951552
6	$\mathcal{O}(4; \{6^5, 3^4, 2^{37}\})$	285534720
6	$\mathcal{O}(4; \{6^5, 3^7, 2^{33}\})$	2294355456
6	$\mathcal{O}(4; \{6^5, 3^{10}, 2^{29}\})$	18344765952
6	$\mathcal{O}(4; \{6^5, 3^{13}, 2^{25}\})$	146768205312
6	$\mathcal{O}(4; \{6^5, 3^{16}, 2^{21}\})$	1174135564800
6	$\mathcal{O}(4; \{6^5, 3^{19}, 2^{17}\})$	9393094596096
6	$\mathcal{O}(4; \{6^5, 3^{22}, 2^{13}\})$	75144746691072
6	$\mathcal{O}(4; \{6^5, 3^{25}, 2^9\})$	601157983606272
6	$\mathcal{O}(4; \{6^5, 3^{28}, 2^5\})$	4809263858772480
6	$\mathcal{O}(4; \{6^5, 3^{31}, 2\})$	38474110880257536
6	$\mathcal{O}(4; \{6^6, 3^2, 2^{38}\})$	144446976
6	$\mathcal{O}(4; \{6^6, 3^5, 2^{34}\})$	1145498112
6	$\mathcal{O}(4; \{6^6, 3^8, 2^{30}\})$	9174062592
6	$\mathcal{O}(4; \{6^6, 3^{11}, 2^{26}\})$	73382423040
6	$\mathcal{O}(4; \{6^6, 3^{14}, 2^{22}\})$	587069462016
6	$\mathcal{O}(4; \{6^6, 3^{17}, 2^{18}\})$	4696545618432
6	$\mathcal{O}(4; \{6^6, 3^{20}, 2^{14}\})$	37572375025152
6	$\mathcal{O}(4; \{6^6, 3^{23}, 2^{10}\})$	300578990123520
6	$\mathcal{O}(4; \{6^6, 3^{26}, 2^6\})$	2404631931065856
6	$\mathcal{O}(4; \{6^6, 3^{29}, 2^2\})$	19237055438449152
6	$\mathcal{O}(4; \{6^7, 2^{39}\})$	70543872
6	$\mathcal{O}(4; \{6^7, 3^3, 2^{35}\})$	574428672
6	$\mathcal{O}(4; \{6^7, 3^6, 2^{31}\})$	4585351680
6	$\mathcal{O}(4; \{6^7, 3^9, 2^{27}\})$	36692891136
6	$\mathcal{O}(4; \{6^7, 3^{12}, 2^{23}\})$	293533051392
6	$\mathcal{O}(4; \{6^7, 3^{15}, 2^{19}\})$	2348274488832
6	$\mathcal{O}(4; \{6^7, 3^{18}, 2^{15}\})$	18786185832960
6	$\mathcal{O}(4; \{6^7, 3^{21}, 2^{11}\})$	150289496741376
6	$\mathcal{O}(4; \{6^7, 3^{24}, 2^7\})$	1202315963853312
6	$\mathcal{O}(4; \{6^7, 3^{27}, 2^3\})$	9618527720904192
6	$\mathcal{O}(4; \{6^8, 3, 2^{36}\})$	285534720

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^8, 3^4, 2^{32}\})$	2294355456
6	$\mathcal{O}(4; \{6^8, 3^7, 2^{28}\})$	18344765952
6	$\mathcal{O}(4; \{6^8, 3^{10}, 2^{24}\})$	146768205312
6	$\mathcal{O}(4; \{6^8, 3^{13}, 2^{20}\})$	1174135564800
6	$\mathcal{O}(4; \{6^8, 3^{16}, 2^{16}\})$	9393094596096
6	$\mathcal{O}(4; \{6^8, 3^{19}, 2^{12}\})$	75144746691072
6	$\mathcal{O}(4; \{6^8, 3^{22}, 2^8\})$	601157983606272
6	$\mathcal{O}(4; \{6^8, 3^{25}, 2^4\})$	4809263858772480
6	$\mathcal{O}(4; \{6^8, 3^{28}\})$	38474110880257536
6	$\mathcal{O}(4; \{6^9, 3^2, 2^{33}\})$	1145498112
6	$\mathcal{O}(4; \{6^9, 3^5, 2^{29}\})$	9174062592
6	$\mathcal{O}(4; \{6^9, 3^8, 2^{25}\})$	73382423040
6	$\mathcal{O}(4; \{6^9, 3^{11}, 2^{21}\})$	587069462016
6	$\mathcal{O}(4; \{6^9, 3^{14}, 2^{17}\})$	4696545618432
6	$\mathcal{O}(4; \{6^9, 3^{17}, 2^{13}\})$	37572375025152
6	$\mathcal{O}(4; \{6^9, 3^{20}, 2^9\})$	300578990123520
6	$\mathcal{O}(4; \{6^9, 3^{23}, 2^5\})$	2404631931065856
6	$\mathcal{O}(4; \{6^9, 3^{26}, 2\})$	19237055438449152
6	$\mathcal{O}(4; \{6^{10}, 2^{34}\})$	574428672
6	$\mathcal{O}(4; \{6^{10}, 3^3, 2^{30}\})$	4585351680
6	$\mathcal{O}(4; \{6^{10}, 3^6, 2^{26}\})$	36692891136
6	$\mathcal{O}(4; \{6^{10}, 3^9, 2^{22}\})$	293533051392
6	$\mathcal{O}(4; \{6^{10}, 3^{12}, 2^{18}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{10}, 3^{15}, 2^{14}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{10}, 3^{18}, 2^{10}\})$	150289496741376
6	$\mathcal{O}(4; \{6^{10}, 3^{21}, 2^6\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{10}, 3^{24}, 2^2\})$	9618527720904192
6	$\mathcal{O}(4; \{6^{11}, 3, 2^{31}\})$	2294355456
6	$\mathcal{O}(4; \{6^{11}, 3^4, 2^{27}\})$	18344765952
6	$\mathcal{O}(4; \{6^{11}, 3^7, 2^{23}\})$	146768205312
6	$\mathcal{O}(4; \{6^{11}, 3^{10}, 2^{19}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{11}, 3^{13}, 2^{15}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{11}, 3^{16}, 2^{11}\})$	75144746691072
6	$\mathcal{O}(4; \{6^{11}, 3^{19}, 2^7\})$	601157983606272
6	$\mathcal{O}(4; \{6^{11}, 3^{22}, 2^3\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{12}, 3^2, 2^{28}\})$	9174062592
6	$\mathcal{O}(4; \{6^{12}, 3^5, 2^{24}\})$	73382423040
6	$\mathcal{O}(4; \{6^{12}, 3^8, 2^{20}\})$	587069462016
6	$\mathcal{O}(4; \{6^{12}, 3^{11}, 2^{16}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{12}, 3^{14}, 2^{12}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{12}, 3^{17}, 2^8\})$	300578990123520
6	$\mathcal{O}(4; \{6^{12}, 3^{20}, 2^4\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{12}, 3^{23}\})$	19237055438449152

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^{13}, 2^{29}\})$	4585351680
6	$\mathcal{O}(4; \{6^{13}, 3^3, 2^{25}\})$	36692891136
6	$\mathcal{O}(4; \{6^{13}, 3^6, 2^{21}\})$	293533051392
6	$\mathcal{O}(4; \{6^{13}, 3^9, 2^{17}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{13}, 3^{12}, 2^{13}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{13}, 3^{15}, 2^9\})$	150289496741376
6	$\mathcal{O}(4; \{6^{13}, 3^{18}, 2^5\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{13}, 3^{21}, 2\})$	9618527720904192
6	$\mathcal{O}(4; \{6^{14}, 3, 2^{26}\})$	18344765952
6	$\mathcal{O}(4; \{6^{14}, 3^4, 2^{22}\})$	146768205312
6	$\mathcal{O}(4; \{6^{14}, 3^7, 2^{18}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{14}, 3^{10}, 2^{14}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{14}, 3^{13}, 2^{10}\})$	75144746691072
6	$\mathcal{O}(4; \{6^{14}, 3^{16}, 2^6\})$	601157983606272
6	$\mathcal{O}(4; \{6^{14}, 3^{19}, 2^2\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{15}, 3^2, 2^{23}\})$	73382423040
6	$\mathcal{O}(4; \{6^{15}, 3^5, 2^{19}\})$	587069462016
6	$\mathcal{O}(4; \{6^{15}, 3^8, 2^{15}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{15}, 3^{11}, 2^{11}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{15}, 3^{14}, 2^7\})$	300578990123520
6	$\mathcal{O}(4; \{6^{15}, 3^{17}, 2^3\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{16}, 2^{24}\})$	36692891136
6	$\mathcal{O}(4; \{6^{16}, 3^3, 2^{20}\})$	293533051392
6	$\mathcal{O}(4; \{6^{16}, 3^6, 2^{16}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{16}, 3^9, 2^{12}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{16}, 3^{12}, 2^8\})$	150289496741376
6	$\mathcal{O}(4; \{6^{16}, 3^{15}, 2^4\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{16}, 3^{18}\})$	9618527720904192
6	$\mathcal{O}(4; \{6^{17}, 3, 2^{21}\})$	146768205312
6	$\mathcal{O}(4; \{6^{17}, 3^4, 2^{17}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{17}, 3^7, 2^{13}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{17}, 3^{10}, 2^9\})$	75144746691072
6	$\mathcal{O}(4; \{6^{17}, 3^{13}, 2^5\})$	601157983606272
6	$\mathcal{O}(4; \{6^{17}, 3^{16}, 2\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{18}, 3^2, 2^{18}\})$	587069462016
6	$\mathcal{O}(4; \{6^{18}, 3^5, 2^{14}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{18}, 3^8, 2^{10}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{18}, 3^{11}, 2^6\})$	300578990123520
6	$\mathcal{O}(4; \{6^{18}, 3^{14}, 2^2\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{19}, 2^{19}\})$	293533051392
6	$\mathcal{O}(4; \{6^{19}, 3^3, 2^{15}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{19}, 3^6, 2^{11}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{19}, 3^9, 2^7\})$	150289496741376

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^{19}, 3^{12}, 2^3\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{20}, 3, 2^{16}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{20}, 3^4, 2^{12}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{20}, 3^7, 2^8\})$	75144746691072
6	$\mathcal{O}(4; \{6^{20}, 3^{10}, 2^4\})$	601157983606272
6	$\mathcal{O}(4; \{6^{20}, 3^{13}\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{21}, 3^2, 2^{13}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{21}, 3^5, 2^9\})$	37572375025152
6	$\mathcal{O}(4; \{6^{21}, 3^8, 2^5\})$	300578990123520
6	$\mathcal{O}(4; \{6^{21}, 3^{11}, 2\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{22}, 2^{14}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{22}, 3^3, 2^{10}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{22}, 3^6, 2^6\})$	150289496741376
6	$\mathcal{O}(4; \{6^{22}, 3^9, 2^2\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{23}, 3, 2^{11}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{23}, 3^4, 2^7\})$	75144746691072
6	$\mathcal{O}(4; \{6^{23}, 3^7, 2^3\})$	601157983606272
6	$\mathcal{O}(4; \{6^{24}, 3^2, 2^8\})$	37572375025152
6	$\mathcal{O}(4; \{6^{24}, 3^5, 2^4\})$	300578990123520
6	$\mathcal{O}(4; \{6^{24}, 3^8\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{25}, 2^9\})$	18786185832960
6	$\mathcal{O}(4; \{6^{25}, 3^3, 2^5\})$	150289496741376
6	$\mathcal{O}(4; \{6^{25}, 3^6, 2\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{26}, 3, 2^6\})$	75144746691072
6	$\mathcal{O}(4; \{6^{26}, 3^4, 2^2\})$	601157983606272
6	$\mathcal{O}(4; \{6^{27}, 3^2, 2^3\})$	300578990123520
6	$\mathcal{O}(4; \{6^{28}, 2^4\})$	150289496741376
6	$\mathcal{O}(4; \{6^{28}, 3^3\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{29}, 3, 2\})$	601157983606272
6	$\mathcal{O}(3; \{3^2, 2^{52}\})$	93312
6	$\mathcal{O}(3; \{3^5, 2^{48}\})$	466560
6	$\mathcal{O}(3; \{3^8, 2^{44}\})$	4012416
6	$\mathcal{O}(3; \{3^{11}, 2^{40}\})$	31819392
6	$\mathcal{O}(3; \{3^{14}, 2^{36}\})$	254835072
6	$\mathcal{O}(3; \{3^{17}, 2^{32}\})$	2038400640
6	$\mathcal{O}(3; \{3^{20}, 2^{28}\})$	16307485056
6	$\mathcal{O}(3; \{3^{23}, 2^{24}\})$	130459600512
6	$\mathcal{O}(3; \{3^{26}, 2^{20}\})$	1043677084032
6	$\mathcal{O}(3; \{3^{29}, 2^{16}\})$	8349416392320
6	$\mathcal{O}(3; \{3^{32}, 2^{12}\})$	66795331418496
6	$\mathcal{O}(3; \{3^{35}, 2^8\})$	534362651068032
6	$\mathcal{O}(3; \{3^{38}, 2^4\})$	4274901208824192
6	$\mathcal{O}(3; \{3^{41}\})$	33664847019214950

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6, 3^3, 2^{49}\})$	279936
6	$\mathcal{O}(3; \{6, 3^6, 2^{45}\})$	1959552
6	$\mathcal{O}(3; \{6, 3^9, 2^{41}\})$	15956352
6	$\mathcal{O}(3; \{6, 3^{12}, 2^{37}\})$	127370880
6	$\mathcal{O}(3; \{6, 3^{15}, 2^{33}\})$	1019246976
6	$\mathcal{O}(3; \{6, 3^{18}, 2^{29}\})$	8153695872
6	$\mathcal{O}(3; \{6, 3^{21}, 2^{25}\})$	65229846912
6	$\mathcal{O}(3; \{6, 3^{24}, 2^{21}\})$	521838495360
6	$\mathcal{O}(3; \{6, 3^{27}, 2^{17}\})$	4174708242816
6	$\mathcal{O}(3; \{6, 3^{30}, 2^{13}\})$	33397665662592
6	$\mathcal{O}(3; \{6, 3^{33}, 2^9\})$	267181325580672
6	$\mathcal{O}(3; \{6, 3^{36}, 2^5\})$	2137450604365440
6	$\mathcal{O}(3; \{6, 3^{39}, 2\})$	17099604835203456
6	$\mathcal{O}(3; \{6^2, 3, 2^{50}\})$	93312
6	$\mathcal{O}(3; \{6^2, 3^4, 2^{46}\})$	1026432
6	$\mathcal{O}(3; \{6^2, 3^7, 2^{42}\})$	7931520
6	$\mathcal{O}(3; \{6^2, 3^{10}, 2^{38}\})$	63732096
6	$\mathcal{O}(3; \{6^2, 3^{13}, 2^{34}\})$	509576832
6	$\mathcal{O}(3; \{6^2, 3^{16}, 2^{30}\})$	4076894592
6	$\mathcal{O}(3; \{6^2, 3^{19}, 2^{26}\})$	32614876800
6	$\mathcal{O}(3; \{6^2, 3^{22}, 2^{22}\})$	260919294336
6	$\mathcal{O}(3; \{6^2, 3^{25}, 2^{18}\})$	2087354074752
6	$\mathcal{O}(3; \{6^2, 3^{28}, 2^{14}\})$	16698832877952
6	$\mathcal{O}(3; \{6^2, 3^{31}, 2^{10}\})$	133590662743680
6	$\mathcal{O}(3; \{6^2, 3^{34}, 2^6\})$	1068725302229376
6	$\mathcal{O}(3; \{6^2, 3^{37}, 2^2\})$	8549802417555072
6	$\mathcal{O}(3; \{6^3, 3^2, 2^{47}\})$	466560
6	$\mathcal{O}(3; \{6^3, 3^5, 2^{43}\})$	4012416
6	$\mathcal{O}(3; \{6^3, 3^8, 2^{39}\})$	31819392
6	$\mathcal{O}(3; \{6^3, 3^{11}, 2^{35}\})$	254835072
6	$\mathcal{O}(3; \{6^3, 3^{14}, 2^{31}\})$	2038400640
6	$\mathcal{O}(3; \{6^3, 3^{17}, 2^{27}\})$	16307485056
6	$\mathcal{O}(3; \{6^3, 3^{20}, 2^{23}\})$	130459600512
6	$\mathcal{O}(3; \{6^3, 3^{23}, 2^{19}\})$	1043677084032
6	$\mathcal{O}(3; \{6^3, 3^{26}, 2^{15}\})$	8349416392320
6	$\mathcal{O}(3; \{6^3, 3^{29}, 2^{11}\})$	66795331418496
6	$\mathcal{O}(3; \{6^3, 3^{32}, 2^7\})$	534362651068032
6	$\mathcal{O}(3; \{6^3, 3^{35}, 2^3\})$	4274901208824192
6	$\mathcal{O}(3; \{6^4, 2^{48}\})$	279936
6	$\mathcal{O}(3; \{6^4, 3^3, 2^{44}\})$	1959552
6	$\mathcal{O}(3; \{6^4, 3^6, 2^{40}\})$	15956352
6	$\mathcal{O}(3; \{6^4, 3^9, 2^{36}\})$	127370880
6	$\mathcal{O}(3; \{6^4, 3^{12}, 2^{32}\})$	1019246976

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^4, 3^{15}, 2^{28}\})$	8153695872
6	$\mathcal{O}(3; \{6^4, 3^{18}, 2^{24}\})$	65229846912
6	$\mathcal{O}(3; \{6^4, 3^{21}, 2^{20}\})$	521838495360
6	$\mathcal{O}(3; \{6^4, 3^{24}, 2^{16}\})$	4174708242816
6	$\mathcal{O}(3; \{6^4, 3^{27}, 2^{12}\})$	33397665662592
6	$\mathcal{O}(3; \{6^4, 3^{30}, 2^8\})$	267181325580672
6	$\mathcal{O}(3; \{6^4, 3^{33}, 2^4\})$	2137450604365440
6	$\mathcal{O}(3; \{6^4, 3^{36}\})$	17099604835203456
6	$\mathcal{O}(3; \{6^5, 3, 2^{45}\})$	1026432
6	$\mathcal{O}(3; \{6^5, 3^4, 2^{41}\})$	7931520
6	$\mathcal{O}(3; \{6^5, 3^7, 2^{37}\})$	63732096
6	$\mathcal{O}(3; \{6^5, 3^{10}, 2^{33}\})$	509576832
6	$\mathcal{O}(3; \{6^5, 3^{13}, 2^{29}\})$	4076894592
6	$\mathcal{O}(3; \{6^5, 3^{16}, 2^{25}\})$	32614876800
6	$\mathcal{O}(3; \{6^5, 3^{19}, 2^{21}\})$	260919294336
6	$\mathcal{O}(3; \{6^5, 3^{22}, 2^{17}\})$	2087354074752
6	$\mathcal{O}(3; \{6^5, 3^{25}, 2^{13}\})$	16698832877952
6	$\mathcal{O}(3; \{6^5, 3^{28}, 2^9\})$	133590662743680
6	$\mathcal{O}(3; \{6^5, 3^{31}, 2^5\})$	1068725302229376
6	$\mathcal{O}(3; \{6^5, 3^{34}, 2\})$	8549802417555072
6	$\mathcal{O}(3; \{6^6, 3^2, 2^{42}\})$	4012416
6	$\mathcal{O}(3; \{6^6, 3^5, 2^{38}\})$	31819392
6	$\mathcal{O}(3; \{6^6, 3^8, 2^{34}\})$	254835072
6	$\mathcal{O}(3; \{6^6, 3^{11}, 2^{30}\})$	2038400640
6	$\mathcal{O}(3; \{6^6, 3^{14}, 2^{26}\})$	16307485056
6	$\mathcal{O}(3; \{6^6, 3^{17}, 2^{22}\})$	130459600512
6	$\mathcal{O}(3; \{6^6, 3^{20}, 2^{18}\})$	1043677084032
6	$\mathcal{O}(3; \{6^6, 3^{23}, 2^{14}\})$	8349416392320
6	$\mathcal{O}(3; \{6^6, 3^{26}, 2^{10}\})$	66795331418496
6	$\mathcal{O}(3; \{6^6, 3^{29}, 2^6\})$	534362651068032
6	$\mathcal{O}(3; \{6^6, 3^{32}, 2^2\})$	4274901208824192
6	$\mathcal{O}(3; \{6^7, 2^{43}\})$	1959552
6	$\mathcal{O}(3; \{6^7, 3^3, 2^{39}\})$	15956352
6	$\mathcal{O}(3; \{6^7, 3^6, 2^{35}\})$	127370880
6	$\mathcal{O}(3; \{6^7, 3^9, 2^{31}\})$	1019246976
6	$\mathcal{O}(3; \{6^7, 3^{12}, 2^{27}\})$	8153695872
6	$\mathcal{O}(3; \{6^7, 3^{15}, 2^{23}\})$	65229846912
6	$\mathcal{O}(3; \{6^7, 3^{18}, 2^{19}\})$	521838495360
6	$\mathcal{O}(3; \{6^7, 3^{21}, 2^{15}\})$	4174708242816
6	$\mathcal{O}(3; \{6^7, 3^{24}, 2^{11}\})$	33397665662592
6	$\mathcal{O}(3; \{6^7, 3^{27}, 2^7\})$	267181325580672
6	$\mathcal{O}(3; \{6^7, 3^{30}, 2^3\})$	2137450604365440
6	$\mathcal{O}(3; \{6^8, 3, 2^{40}\})$	7931520

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^8, 3^4, 2^{36}\})$	63732096
6	$\mathcal{O}(3; \{6^8, 3^7, 2^{32}\})$	509576832
6	$\mathcal{O}(3; \{6^8, 3^{10}, 2^{28}\})$	4076894592
6	$\mathcal{O}(3; \{6^8, 3^{13}, 2^{24}\})$	32614876800
6	$\mathcal{O}(3; \{6^8, 3^{16}, 2^{20}\})$	260919294336
6	$\mathcal{O}(3; \{6^8, 3^{19}, 2^{16}\})$	2087354074752
6	$\mathcal{O}(3; \{6^8, 3^{22}, 2^{12}\})$	16698832877952
6	$\mathcal{O}(3; \{6^8, 3^{25}, 2^8\})$	133590662743680
6	$\mathcal{O}(3; \{6^8, 3^{28}, 2^4\})$	1068725302229376
6	$\mathcal{O}(3; \{6^8, 3^{31}\})$	8549802417555072
6	$\mathcal{O}(3; \{6^9, 3^2, 2^{37}\})$	31819392
6	$\mathcal{O}(3; \{6^9, 3^5, 2^{33}\})$	254835072
6	$\mathcal{O}(3; \{6^9, 3^8, 2^{29}\})$	2038400640
6	$\mathcal{O}(3; \{6^9, 3^{11}, 2^{25}\})$	16307485056
6	$\mathcal{O}(3; \{6^9, 3^{14}, 2^{21}\})$	130459600512
6	$\mathcal{O}(3; \{6^9, 3^{17}, 2^{17}\})$	1043677084032
6	$\mathcal{O}(3; \{6^9, 3^{20}, 2^{13}\})$	8349416392320
6	$\mathcal{O}(3; \{6^9, 3^{23}, 2^9\})$	66795331418496
6	$\mathcal{O}(3; \{6^9, 3^{26}, 2^5\})$	534362651068032
6	$\mathcal{O}(3; \{6^9, 3^{29}, 2\})$	4274901208824192
6	$\mathcal{O}(3; \{6^{10}, 2^{38}\})$	15956352
6	$\mathcal{O}(3; \{6^{10}, 3^3, 2^{34}\})$	127370880
6	$\mathcal{O}(3; \{6^{10}, 3^6, 2^{30}\})$	1019246976
6	$\mathcal{O}(3; \{6^{10}, 3^9, 2^{26}\})$	8153695872
6	$\mathcal{O}(3; \{6^{10}, 3^{12}, 2^{22}\})$	65229846912
6	$\mathcal{O}(3; \{6^{10}, 3^{15}, 2^{18}\})$	521838495360
6	$\mathcal{O}(3; \{6^{10}, 3^{18}, 2^{14}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{10}, 3^{21}, 2^{10}\})$	33397665662592
6	$\mathcal{O}(3; \{6^{10}, 3^{24}, 2^6\})$	267181325580672
6	$\mathcal{O}(3; \{6^{10}, 3^{27}, 2^2\})$	2137450604365440
6	$\mathcal{O}(3; \{6^{11}, 3, 2^{35}\})$	63732096
6	$\mathcal{O}(3; \{6^{11}, 3^4, 2^{31}\})$	509576832
6	$\mathcal{O}(3; \{6^{11}, 3^7, 2^{27}\})$	4076894592
6	$\mathcal{O}(3; \{6^{11}, 3^{10}, 2^{23}\})$	32614876800
6	$\mathcal{O}(3; \{6^{11}, 3^{13}, 2^{19}\})$	260919294336
6	$\mathcal{O}(3; \{6^{11}, 3^{16}, 2^{15}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{11}, 3^{19}, 2^{11}\})$	16698832877952
6	$\mathcal{O}(3; \{6^{11}, 3^{22}, 2^7\})$	133590662743680
6	$\mathcal{O}(3; \{6^{11}, 3^{25}, 2^3\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{12}, 3^2, 2^{32}\})$	254835072
6	$\mathcal{O}(3; \{6^{12}, 3^5, 2^{28}\})$	2038400640
6	$\mathcal{O}(3; \{6^{12}, 3^8, 2^{24}\})$	16307485056
6	$\mathcal{O}(3; \{6^{12}, 3^{11}, 2^{20}\})$	130459600512

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^{12}, 3^{14}, 2^{16}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{12}, 3^{17}, 2^{12}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{12}, 3^{20}, 2^8\})$	66795331418496
6	$\mathcal{O}(3; \{6^{12}, 3^{23}, 2^4\})$	534362651068032
6	$\mathcal{O}(3; \{6^{12}, 3^{26}\})$	4274901208824192
6	$\mathcal{O}(3; \{6^{13}, 2^{33}\})$	127370880
6	$\mathcal{O}(3; \{6^{13}, 3^3, 2^{29}\})$	1019246976
6	$\mathcal{O}(3; \{6^{13}, 3^6, 2^{25}\})$	8153695872
6	$\mathcal{O}(3; \{6^{13}, 3^9, 2^{21}\})$	65229846912
6	$\mathcal{O}(3; \{6^{13}, 3^{12}, 2^{17}\})$	521838495360
6	$\mathcal{O}(3; \{6^{13}, 3^{15}, 2^{13}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{13}, 3^{18}, 2^9\})$	33397665662592
6	$\mathcal{O}(3; \{6^{13}, 3^{21}, 2^5\})$	267181325580672
6	$\mathcal{O}(3; \{6^{13}, 3^{24}, 2\})$	2137450604365440
6	$\mathcal{O}(3; \{6^{14}, 3, 2^{30}\})$	509576832
6	$\mathcal{O}(3; \{6^{14}, 3^4, 2^{26}\})$	4076894592
6	$\mathcal{O}(3; \{6^{14}, 3^7, 2^{22}\})$	32614876800
6	$\mathcal{O}(3; \{6^{14}, 3^{10}, 2^{18}\})$	260919294336
6	$\mathcal{O}(3; \{6^{14}, 3^{13}, 2^{14}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{14}, 3^{16}, 2^{10}\})$	16698832877952
6	$\mathcal{O}(3; \{6^{14}, 3^{19}, 2^6\})$	133590662743680
6	$\mathcal{O}(3; \{6^{14}, 3^{22}, 2^2\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{15}, 3^2, 2^{27}\})$	2038400640
6	$\mathcal{O}(3; \{6^{15}, 3^5, 2^{23}\})$	16307485056
6	$\mathcal{O}(3; \{6^{15}, 3^8, 2^{19}\})$	130459600512
6	$\mathcal{O}(3; \{6^{15}, 3^{11}, 2^{15}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{15}, 3^{14}, 2^{11}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{15}, 3^{17}, 2^7\})$	66795331418496
6	$\mathcal{O}(3; \{6^{15}, 3^{20}, 2^3\})$	534362651068032
6	$\mathcal{O}(3; \{6^{16}, 2^{28}\})$	1019246976
6	$\mathcal{O}(3; \{6^{16}, 3^3, 2^{24}\})$	8153695872
6	$\mathcal{O}(3; \{6^{16}, 3^6, 2^{20}\})$	65229846912
6	$\mathcal{O}(3; \{6^{16}, 3^9, 2^{16}\})$	521838495360
6	$\mathcal{O}(3; \{6^{16}, 3^{12}, 2^{12}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{16}, 3^{15}, 2^8\})$	33397665662592
6	$\mathcal{O}(3; \{6^{16}, 3^{18}, 2^4\})$	267181325580672
6	$\mathcal{O}(3; \{6^{16}, 3^{21}\})$	2137450604365440
6	$\mathcal{O}(3; \{6^{17}, 3, 2^{25}\})$	4076894592
6	$\mathcal{O}(3; \{6^{17}, 3^4, 2^{21}\})$	32614876800
6	$\mathcal{O}(3; \{6^{17}, 3^7, 2^{17}\})$	260919294336
6	$\mathcal{O}(3; \{6^{17}, 3^{10}, 2^{13}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{17}, 3^{13}, 2^9\})$	16698832877952
6	$\mathcal{O}(3; \{6^{17}, 3^{16}, 2^5\})$	133590662743680

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^{17}, 3^{19}, 2\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{18}, 3^2, 2^{22}\})$	16307485056
6	$\mathcal{O}(3; \{6^{18}, 3^5, 2^{18}\})$	130459600512
6	$\mathcal{O}(3; \{6^{18}, 3^8, 2^{14}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{18}, 3^{11}, 2^{10}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{18}, 3^{14}, 2^6\})$	66795331418496
6	$\mathcal{O}(3; \{6^{18}, 3^{17}, 2^2\})$	534362651068032
6	$\mathcal{O}(3; \{6^{19}, 2^{23}\})$	8153695872
6	$\mathcal{O}(3; \{6^{19}, 3^3, 2^{19}\})$	65229846912
6	$\mathcal{O}(3; \{6^{19}, 3^6, 2^{15}\})$	521838495360
6	$\mathcal{O}(3; \{6^{19}, 3^9, 2^{11}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{19}, 3^{12}, 2^7\})$	33397665662592
6	$\mathcal{O}(3; \{6^{19}, 3^{15}, 2^3\})$	267181325580672
6	$\mathcal{O}(3; \{6^{20}, 3, 2^{20}\})$	32614876800
6	$\mathcal{O}(3; \{6^{20}, 3^4, 2^{16}\})$	260919294336
6	$\mathcal{O}(3; \{6^{20}, 3^7, 2^{12}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{20}, 3^{10}, 2^8\})$	16698832877952
6	$\mathcal{O}(3; \{6^{20}, 3^{13}, 2^4\})$	133590662743680
6	$\mathcal{O}(3; \{6^{20}, 3^{16}\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{21}, 3^2, 2^{17}\})$	130459600512
6	$\mathcal{O}(3; \{6^{21}, 3^5, 2^{13}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{21}, 3^8, 2^9\})$	8349416392320
6	$\mathcal{O}(3; \{6^{21}, 3^{11}, 2^5\})$	66795331418496
6	$\mathcal{O}(3; \{6^{21}, 3^{14}, 2\})$	534362651068032
6	$\mathcal{O}(3; \{6^{22}, 2^{18}\})$	65229846912
6	$\mathcal{O}(3; \{6^{22}, 3^3, 2^{14}\})$	521838495360
6	$\mathcal{O}(3; \{6^{22}, 3^6, 2^{10}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{22}, 3^9, 2^6\})$	33397665662592
6	$\mathcal{O}(3; \{6^{22}, 3^{12}, 2^2\})$	267181325580672
6	$\mathcal{O}(3; \{6^{23}, 3, 2^{15}\})$	260919294336
6	$\mathcal{O}(3; \{6^{23}, 3^4, 2^{11}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{23}, 3^7, 2^7\})$	16698832877952
6	$\mathcal{O}(3; \{6^{23}, 3^{10}, 2^3\})$	133590662743680
6	$\mathcal{O}(3; \{6^{24}, 3^2, 2^{12}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{24}, 3^5, 2^8\})$	8349416392320
6	$\mathcal{O}(3; \{6^{24}, 3^8, 2^4\})$	66795331418496
6	$\mathcal{O}(3; \{6^{24}, 3^{11}\})$	534362651068032
6	$\mathcal{O}(3; \{6^{25}, 2^{13}\})$	521838495360
6	$\mathcal{O}(3; \{6^{25}, 3^3, 2^9\})$	4174708242816
6	$\mathcal{O}(3; \{6^{25}, 3^6, 2^5\})$	33397665662592
6	$\mathcal{O}(3; \{6^{25}, 3^9, 2\})$	267181325580672
6	$\mathcal{O}(3; \{6^{26}, 3, 2^{10}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{26}, 3^4, 2^6\})$	16698832877952

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^{26}, 3^7, 2^2\})$	133590662743680
6	$\mathcal{O}(3; \{6^{27}, 3^2, 2^7\})$	8349416392320
6	$\mathcal{O}(3; \{6^{27}, 3^5, 2^3\})$	66795331418496
6	$\mathcal{O}(3; \{6^{28}, 2^8\})$	4174708242816
6	$\mathcal{O}(3; \{6^{28}, 3^3, 2^4\})$	33397665662592
6	$\mathcal{O}(3; \{6^{28}, 3^6\})$	267181325580672
6	$\mathcal{O}(3; \{6^{29}, 3, 2^5\})$	16698832877952
6	$\mathcal{O}(3; \{6^{29}, 3^4, 2\})$	133590662743680
6	$\mathcal{O}(3; \{6^{30}, 3^2, 2^2\})$	66795331418496
6	$\mathcal{O}(3; \{6^{31}, 2^3\})$	33397665662592
6	$\mathcal{O}(3; \{6^{32}, 3\})$	133590662743680
6	$\mathcal{O}(2; \{3^2, 2^{56}\})$	2592
6	$\mathcal{O}(2; \{3^5, 2^{52}\})$	12960
6	$\mathcal{O}(2; \{3^8, 2^{48}\})$	111456
6	$\mathcal{O}(2; \{3^{11}, 2^{44}\})$	883872
6	$\mathcal{O}(2; \{3^{14}, 2^{40}\})$	7078752
6	$\mathcal{O}(2; \{3^{17}, 2^{36}\})$	56622240
6	$\mathcal{O}(2; \{3^{20}, 2^{32}\})$	452985696
6	$\mathcal{O}(2; \{3^{23}, 2^{28}\})$	3623877792
6	$\mathcal{O}(2; \{3^{26}, 2^{24}\})$	28991030112
6	$\mathcal{O}(2; \{3^{29}, 2^{20}\})$	231928233120
6	$\mathcal{O}(2; \{3^{32}, 2^{16}\})$	1855425872736
6	$\mathcal{O}(2; \{3^{35}, 2^{12}\})$	14843406974112
6	$\mathcal{O}(2; \{3^{38}, 2^8\})$	118747255800672
6	$\mathcal{O}(2; \{3^{41}, 2^4\})$	949978046397600
6	$\mathcal{O}(2; \{3^{44}\})$	7124835347989290
6	$\mathcal{O}(2; \{6, 3^3, 2^{53}\})$	7776
6	$\mathcal{O}(2; \{6, 3^6, 2^{49}\})$	54432
6	$\mathcal{O}(2; \{6, 3^9, 2^{45}\})$	443232
6	$\mathcal{O}(2; \{6, 3^{12}, 2^{41}\})$	3538080
6	$\mathcal{O}(2; \{6, 3^{15}, 2^{37}\})$	28312416
6	$\mathcal{O}(2; \{6, 3^{18}, 2^{33}\})$	226491552
6	$\mathcal{O}(2; \{6, 3^{21}, 2^{29}\})$	1811940192
6	$\mathcal{O}(2; \{6, 3^{24}, 2^{25}\})$	14495513760
6	$\mathcal{O}(2; \{6, 3^{27}, 2^{21}\})$	115964117856
6	$\mathcal{O}(2; \{6, 3^{30}, 2^{17}\})$	927712935072
6	$\mathcal{O}(2; \{6, 3^{33}, 2^{13}\})$	7421703488352
6	$\mathcal{O}(2; \{6, 3^{36}, 2^9\})$	59373627899040
6	$\mathcal{O}(2; \{6, 3^{39}, 2^5\})$	474989023200096
6	$\mathcal{O}(2; \{6, 3^{42}, 2\})$	3799912185592992
6	$\mathcal{O}(2; \{6^2, 3, 2^{54}\})$	2592
6	$\mathcal{O}(2; \{6^2, 3^4, 2^{50}\})$	28512
6	$\mathcal{O}(2; \{6^2, 3^7, 2^{46}\})$	220320

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^2, 3^{10}, 2^{42}\})$	1770336
6	$\mathcal{O}(2; \{6^2, 3^{13}, 2^{38}\})$	14154912
6	$\mathcal{O}(2; \{6^2, 3^{16}, 2^{34}\})$	113247072
6	$\mathcal{O}(2; \{6^2, 3^{19}, 2^{30}\})$	905968800
6	$\mathcal{O}(2; \{6^2, 3^{22}, 2^{26}\})$	7247758176
6	$\mathcal{O}(2; \{6^2, 3^{25}, 2^{22}\})$	57982057632
6	$\mathcal{O}(2; \{6^2, 3^{28}, 2^{18}\})$	463856468832
6	$\mathcal{O}(2; \{6^2, 3^{31}, 2^{14}\})$	3710851742880
6	$\mathcal{O}(2; \{6^2, 3^{34}, 2^{10}\})$	29686813950816
6	$\mathcal{O}(2; \{6^2, 3^{37}, 2^6\})$	237494511598752
6	$\mathcal{O}(2; \{6^2, 3^{40}, 2^2\})$	1899956092797792
6	$\mathcal{O}(2; \{6^3, 3^2, 2^{51}\})$	12960
6	$\mathcal{O}(2; \{6^3, 3^5, 2^{47}\})$	111456
6	$\mathcal{O}(2; \{6^3, 3^8, 2^{43}\})$	883872
6	$\mathcal{O}(2; \{6^3, 3^{11}, 2^{39}\})$	7078752
6	$\mathcal{O}(2; \{6^3, 3^{14}, 2^{35}\})$	56622240
6	$\mathcal{O}(2; \{6^3, 3^{17}, 2^{31}\})$	452985696
6	$\mathcal{O}(2; \{6^3, 3^{20}, 2^{27}\})$	3623877792
6	$\mathcal{O}(2; \{6^3, 3^{23}, 2^{23}\})$	28991030112
6	$\mathcal{O}(2; \{6^3, 3^{26}, 2^{19}\})$	231928233120
6	$\mathcal{O}(2; \{6^3, 3^{29}, 2^{15}\})$	1855425872736
6	$\mathcal{O}(2; \{6^3, 3^{32}, 2^{11}\})$	14843406974112
6	$\mathcal{O}(2; \{6^3, 3^{35}, 2^7\})$	118747255800672
6	$\mathcal{O}(2; \{6^3, 3^{38}, 2^3\})$	949978046397600
6	$\mathcal{O}(2; \{6^4, 2^{52}\})$	7776
6	$\mathcal{O}(2; \{6^4, 3^3, 2^{48}\})$	54432
6	$\mathcal{O}(2; \{6^4, 3^6, 2^{44}\})$	443232
6	$\mathcal{O}(2; \{6^4, 3^9, 2^{40}\})$	3538080
6	$\mathcal{O}(2; \{6^4, 3^{12}, 2^{36}\})$	28312416
6	$\mathcal{O}(2; \{6^4, 3^{15}, 2^{32}\})$	226491552
6	$\mathcal{O}(2; \{6^4, 3^{18}, 2^{28}\})$	1811940192
6	$\mathcal{O}(2; \{6^4, 3^{21}, 2^{24}\})$	14495513760
6	$\mathcal{O}(2; \{6^4, 3^{24}, 2^{20}\})$	115964117856
6	$\mathcal{O}(2; \{6^4, 3^{27}, 2^{16}\})$	927712935072
6	$\mathcal{O}(2; \{6^4, 3^{30}, 2^{12}\})$	7421703488352
6	$\mathcal{O}(2; \{6^4, 3^{33}, 2^8\})$	59373627899040
6	$\mathcal{O}(2; \{6^4, 3^{36}, 2^4\})$	474989023200096
6	$\mathcal{O}(2; \{6^4, 3^{39}\})$	3799912185592992
6	$\mathcal{O}(2; \{6^5, 3, 2^{49}\})$	28512
6	$\mathcal{O}(2; \{6^5, 3^4, 2^{45}\})$	220320
6	$\mathcal{O}(2; \{6^5, 3^7, 2^{41}\})$	1770336
6	$\mathcal{O}(2; \{6^5, 3^{10}, 2^{37}\})$	14154912
6	$\mathcal{O}(2; \{6^5, 3^{13}, 2^{33}\})$	113247072

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^5, 3^{16}, 2^{29}\})$	905968800
6	$\mathcal{O}(2; \{6^5, 3^{19}, 2^{25}\})$	7247758176
6	$\mathcal{O}(2; \{6^5, 3^{22}, 2^{21}\})$	57982057632
6	$\mathcal{O}(2; \{6^5, 3^{25}, 2^{17}\})$	463856468832
6	$\mathcal{O}(2; \{6^5, 3^{28}, 2^{13}\})$	3710851742880
6	$\mathcal{O}(2; \{6^5, 3^{31}, 2^9\})$	29686813950816
6	$\mathcal{O}(2; \{6^5, 3^{34}, 2^5\})$	237494511598752
6	$\mathcal{O}(2; \{6^5, 3^{37}, 2\})$	1899956092797792
6	$\mathcal{O}(2; \{6^6, 3^2, 2^{46}\})$	111456
6	$\mathcal{O}(2; \{6^6, 3^5, 2^{42}\})$	883872
6	$\mathcal{O}(2; \{6^6, 3^8, 2^{38}\})$	7078752
6	$\mathcal{O}(2; \{6^6, 3^{11}, 2^{34}\})$	56622240
6	$\mathcal{O}(2; \{6^6, 3^{14}, 2^{30}\})$	452985696
6	$\mathcal{O}(2; \{6^6, 3^{17}, 2^{26}\})$	3623877792
6	$\mathcal{O}(2; \{6^6, 3^{20}, 2^{22}\})$	28991030112
6	$\mathcal{O}(2; \{6^6, 3^{23}, 2^{18}\})$	231928233120
6	$\mathcal{O}(2; \{6^6, 3^{26}, 2^{14}\})$	1855425872736
6	$\mathcal{O}(2; \{6^6, 3^{29}, 2^{10}\})$	14843406974112
6	$\mathcal{O}(2; \{6^6, 3^{32}, 2^6\})$	118747255800672
6	$\mathcal{O}(2; \{6^6, 3^{35}, 2^2\})$	949978046397600
6	$\mathcal{O}(2; \{6^7, 2^{47}\})$	54432
6	$\mathcal{O}(2; \{6^7, 3^3, 2^{43}\})$	443232
6	$\mathcal{O}(2; \{6^7, 3^6, 2^{39}\})$	3538080
6	$\mathcal{O}(2; \{6^7, 3^9, 2^{35}\})$	28312416
6	$\mathcal{O}(2; \{6^7, 3^{12}, 2^{31}\})$	226491552
6	$\mathcal{O}(2; \{6^7, 3^{15}, 2^{27}\})$	1811940192
6	$\mathcal{O}(2; \{6^7, 3^{18}, 2^{23}\})$	14495513760
6	$\mathcal{O}(2; \{6^7, 3^{21}, 2^{19}\})$	115964117856
6	$\mathcal{O}(2; \{6^7, 3^{24}, 2^{15}\})$	927712935072
6	$\mathcal{O}(2; \{6^7, 3^{27}, 2^{11}\})$	7421703488352
6	$\mathcal{O}(2; \{6^7, 3^{30}, 2^7\})$	59373627899040
6	$\mathcal{O}(2; \{6^7, 3^{33}, 2^3\})$	474989023200096
6	$\mathcal{O}(2; \{6^8, 3, 2^{44}\})$	220320
6	$\mathcal{O}(2; \{6^8, 3^4, 2^{40}\})$	1770336
6	$\mathcal{O}(2; \{6^8, 3^7, 2^{36}\})$	14154912
6	$\mathcal{O}(2; \{6^8, 3^{10}, 2^{32}\})$	113247072
6	$\mathcal{O}(2; \{6^8, 3^{13}, 2^{28}\})$	905968800
6	$\mathcal{O}(2; \{6^8, 3^{16}, 2^{24}\})$	7247758176
6	$\mathcal{O}(2; \{6^8, 3^{19}, 2^{20}\})$	57982057632
6	$\mathcal{O}(2; \{6^8, 3^{22}, 2^{16}\})$	463856468832
6	$\mathcal{O}(2; \{6^8, 3^{25}, 2^{12}\})$	3710851742880
6	$\mathcal{O}(2; \{6^8, 3^{28}, 2^8\})$	29686813950816
6	$\mathcal{O}(2; \{6^8, 3^{31}, 2^4\})$	237494511598752

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^8, 3^{34}\})$	1899956092797792
6	$\mathcal{O}(2; \{6^9, 3^2, 2^{41}\})$	883872
6	$\mathcal{O}(2; \{6^9, 3^5, 2^{37}\})$	7078752
6	$\mathcal{O}(2; \{6^9, 3^8, 2^{33}\})$	56622240
6	$\mathcal{O}(2; \{6^9, 3^{11}, 2^{29}\})$	452985696
6	$\mathcal{O}(2; \{6^9, 3^{14}, 2^{25}\})$	3623877792
6	$\mathcal{O}(2; \{6^9, 3^{17}, 2^{21}\})$	28991030112
6	$\mathcal{O}(2; \{6^9, 3^{20}, 2^{17}\})$	231928233120
6	$\mathcal{O}(2; \{6^9, 3^{23}, 2^{13}\})$	1855425872736
6	$\mathcal{O}(2; \{6^9, 3^{26}, 2^9\})$	14843406974112
6	$\mathcal{O}(2; \{6^9, 3^{29}, 2^5\})$	118747255800672
6	$\mathcal{O}(2; \{6^9, 3^{32}, 2\})$	949978046397600
6	$\mathcal{O}(2; \{6^{10}, 2^{42}\})$	443232
6	$\mathcal{O}(2; \{6^{10}, 3^3, 2^{38}\})$	3538080
6	$\mathcal{O}(2; \{6^{10}, 3^6, 2^{34}\})$	28312416
6	$\mathcal{O}(2; \{6^{10}, 3^9, 2^{30}\})$	226491552
6	$\mathcal{O}(2; \{6^{10}, 3^{12}, 2^{26}\})$	1811940192
6	$\mathcal{O}(2; \{6^{10}, 3^{15}, 2^{22}\})$	14495513760
6	$\mathcal{O}(2; \{6^{10}, 3^{18}, 2^{18}\})$	115964117856
6	$\mathcal{O}(2; \{6^{10}, 3^{21}, 2^{14}\})$	927712935072
6	$\mathcal{O}(2; \{6^{10}, 3^{24}, 2^{10}\})$	7421703488352
6	$\mathcal{O}(2; \{6^{10}, 3^{27}, 2^6\})$	59373627899040
6	$\mathcal{O}(2; \{6^{10}, 3^{30}, 2^2\})$	474989023200096
6	$\mathcal{O}(2; \{6^{11}, 3, 2^{39}\})$	1770336
6	$\mathcal{O}(2; \{6^{11}, 3^4, 2^{35}\})$	14154912
6	$\mathcal{O}(2; \{6^{11}, 3^7, 2^{31}\})$	113247072
6	$\mathcal{O}(2; \{6^{11}, 3^{10}, 2^{27}\})$	905968800
6	$\mathcal{O}(2; \{6^{11}, 3^{13}, 2^{23}\})$	7247758176
6	$\mathcal{O}(2; \{6^{11}, 3^{16}, 2^{19}\})$	57982057632
6	$\mathcal{O}(2; \{6^{11}, 3^{19}, 2^{15}\})$	463856468832
6	$\mathcal{O}(2; \{6^{11}, 3^{22}, 2^{11}\})$	3710851742880
6	$\mathcal{O}(2; \{6^{11}, 3^{25}, 2^7\})$	29686813950816
6	$\mathcal{O}(2; \{6^{11}, 3^{28}, 2^3\})$	237494511598752
6	$\mathcal{O}(2; \{6^{12}, 3^2, 2^{36}\})$	7078752
6	$\mathcal{O}(2; \{6^{12}, 3^5, 2^{32}\})$	56622240
6	$\mathcal{O}(2; \{6^{12}, 3^8, 2^{28}\})$	452985696
6	$\mathcal{O}(2; \{6^{12}, 3^{11}, 2^{24}\})$	3623877792
6	$\mathcal{O}(2; \{6^{12}, 3^{14}, 2^{20}\})$	28991030112
6	$\mathcal{O}(2; \{6^{12}, 3^{17}, 2^{16}\})$	231928233120
6	$\mathcal{O}(2; \{6^{12}, 3^{20}, 2^{12}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{12}, 3^{23}, 2^8\})$	14843406974112
6	$\mathcal{O}(2; \{6^{12}, 3^{26}, 2^4\})$	118747255800672
6	$\mathcal{O}(2; \{6^{12}, 3^{29}\})$	949978046397600

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^{13}, 2^{37}\})$	3538080
6	$\mathcal{O}(2; \{6^{13}, 3^3, 2^{33}\})$	28312416
6	$\mathcal{O}(2; \{6^{13}, 3^6, 2^{29}\})$	226491552
6	$\mathcal{O}(2; \{6^{13}, 3^9, 2^{25}\})$	1811940192
6	$\mathcal{O}(2; \{6^{13}, 3^{12}, 2^{21}\})$	14495513760
6	$\mathcal{O}(2; \{6^{13}, 3^{15}, 2^{17}\})$	115964117856
6	$\mathcal{O}(2; \{6^{13}, 3^{18}, 2^{13}\})$	927712935072
6	$\mathcal{O}(2; \{6^{13}, 3^{21}, 2^9\})$	7421703488352
6	$\mathcal{O}(2; \{6^{13}, 3^{24}, 2^5\})$	59373627899040
6	$\mathcal{O}(2; \{6^{13}, 3^{27}, 2\})$	474989023200096
6	$\mathcal{O}(2; \{6^{14}, 3, 2^{34}\})$	14154912
6	$\mathcal{O}(2; \{6^{14}, 3^4, 2^{30}\})$	113247072
6	$\mathcal{O}(2; \{6^{14}, 3^7, 2^{26}\})$	905968800
6	$\mathcal{O}(2; \{6^{14}, 3^{10}, 2^{22}\})$	7247758176
6	$\mathcal{O}(2; \{6^{14}, 3^{13}, 2^{18}\})$	57982057632
6	$\mathcal{O}(2; \{6^{14}, 3^{16}, 2^{14}\})$	463856468832
6	$\mathcal{O}(2; \{6^{14}, 3^{19}, 2^{10}\})$	3710851742880
6	$\mathcal{O}(2; \{6^{14}, 3^{22}, 2^6\})$	29686813950816
6	$\mathcal{O}(2; \{6^{14}, 3^{25}, 2^2\})$	237494511598752
6	$\mathcal{O}(2; \{6^{15}, 3^2, 2^{31}\})$	56622240
6	$\mathcal{O}(2; \{6^{15}, 3^5, 2^{27}\})$	452985696
6	$\mathcal{O}(2; \{6^{15}, 3^8, 2^{23}\})$	3623877792
6	$\mathcal{O}(2; \{6^{15}, 3^{11}, 2^{19}\})$	28991030112
6	$\mathcal{O}(2; \{6^{15}, 3^{14}, 2^{15}\})$	231928233120
6	$\mathcal{O}(2; \{6^{15}, 3^{17}, 2^{11}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{15}, 3^{20}, 2^7\})$	14843406974112
6	$\mathcal{O}(2; \{6^{15}, 3^{23}, 2^3\})$	118747255800672
6	$\mathcal{O}(2; \{6^{16}, 2^{32}\})$	28312416
6	$\mathcal{O}(2; \{6^{16}, 3^3, 2^{28}\})$	226491552
6	$\mathcal{O}(2; \{6^{16}, 3^6, 2^{24}\})$	1811940192
6	$\mathcal{O}(2; \{6^{16}, 3^9, 2^{20}\})$	14495513760
6	$\mathcal{O}(2; \{6^{16}, 3^{12}, 2^{16}\})$	115964117856
6	$\mathcal{O}(2; \{6^{16}, 3^{15}, 2^{12}\})$	927712935072
6	$\mathcal{O}(2; \{6^{16}, 3^{18}, 2^8\})$	7421703488352
6	$\mathcal{O}(2; \{6^{16}, 3^{21}, 2^4\})$	59373627899040
6	$\mathcal{O}(2; \{6^{16}, 3^{24}\})$	474989023200096
6	$\mathcal{O}(2; \{6^{17}, 3, 2^{29}\})$	113247072
6	$\mathcal{O}(2; \{6^{17}, 3^4, 2^{25}\})$	905968800
6	$\mathcal{O}(2; \{6^{17}, 3^7, 2^{21}\})$	7247758176
6	$\mathcal{O}(2; \{6^{17}, 3^{10}, 2^{17}\})$	57982057632
6	$\mathcal{O}(2; \{6^{17}, 3^{13}, 2^{13}\})$	463856468832
6	$\mathcal{O}(2; \{6^{17}, 3^{16}, 2^9\})$	3710851742880
6	$\mathcal{O}(2; \{6^{17}, 3^{19}, 2^5\})$	29686813950816

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^{17}, 3^{22}, 2\})$	237494511598752
6	$\mathcal{O}(2; \{6^{18}, 3^2, 2^{26}\})$	452985696
6	$\mathcal{O}(2; \{6^{18}, 3^5, 2^{22}\})$	3623877792
6	$\mathcal{O}(2; \{6^{18}, 3^8, 2^{18}\})$	28991030112
6	$\mathcal{O}(2; \{6^{18}, 3^{11}, 2^{14}\})$	231928233120
6	$\mathcal{O}(2; \{6^{18}, 3^{14}, 2^{10}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{18}, 3^{17}, 2^6\})$	14843406974112
6	$\mathcal{O}(2; \{6^{18}, 3^{20}, 2^2\})$	118747255800672
6	$\mathcal{O}(2; \{6^{19}, 2^{27}\})$	226491552
6	$\mathcal{O}(2; \{6^{19}, 3^3, 2^{23}\})$	1811940192
6	$\mathcal{O}(2; \{6^{19}, 3^6, 2^{19}\})$	14495513760
6	$\mathcal{O}(2; \{6^{19}, 3^9, 2^{15}\})$	115964117856
6	$\mathcal{O}(2; \{6^{19}, 3^{12}, 2^{11}\})$	927712935072
6	$\mathcal{O}(2; \{6^{19}, 3^{15}, 2^7\})$	7421703488352
6	$\mathcal{O}(2; \{6^{19}, 3^{18}, 2^3\})$	59373627899040
6	$\mathcal{O}(2; \{6^{20}, 3, 2^{24}\})$	905968800
6	$\mathcal{O}(2; \{6^{20}, 3^4, 2^{20}\})$	7247758176
6	$\mathcal{O}(2; \{6^{20}, 3^7, 2^{16}\})$	57982057632
6	$\mathcal{O}(2; \{6^{20}, 3^{10}, 2^{12}\})$	463856468832
6	$\mathcal{O}(2; \{6^{20}, 3^{13}, 2^8\})$	3710851742880
6	$\mathcal{O}(2; \{6^{20}, 3^{16}, 2^4\})$	29686813950816
6	$\mathcal{O}(2; \{6^{20}, 3^{19}\})$	237494511598752
6	$\mathcal{O}(2; \{6^{21}, 3^2, 2^{21}\})$	3623877792
6	$\mathcal{O}(2; \{6^{21}, 3^5, 2^{17}\})$	28991030112
6	$\mathcal{O}(2; \{6^{21}, 3^8, 2^{13}\})$	231928233120
6	$\mathcal{O}(2; \{6^{21}, 3^{11}, 2^9\})$	1855425872736
6	$\mathcal{O}(2; \{6^{21}, 3^{14}, 2^5\})$	14843406974112
6	$\mathcal{O}(2; \{6^{21}, 3^{17}, 2\})$	118747255800672
6	$\mathcal{O}(2; \{6^{22}, 2^{22}\})$	1811940192
6	$\mathcal{O}(2; \{6^{22}, 3^3, 2^{18}\})$	14495513760
6	$\mathcal{O}(2; \{6^{22}, 3^6, 2^{14}\})$	115964117856
6	$\mathcal{O}(2; \{6^{22}, 3^9, 2^{10}\})$	927712935072
6	$\mathcal{O}(2; \{6^{22}, 3^{12}, 2^6\})$	7421703488352
6	$\mathcal{O}(2; \{6^{22}, 3^{15}, 2^2\})$	59373627899040
6	$\mathcal{O}(2; \{6^{23}, 3, 2^{19}\})$	7247758176
6	$\mathcal{O}(2; \{6^{23}, 3^4, 2^{15}\})$	57982057632
6	$\mathcal{O}(2; \{6^{23}, 3^7, 2^{11}\})$	463856468832
6	$\mathcal{O}(2; \{6^{23}, 3^{10}, 2^7\})$	3710851742880
6	$\mathcal{O}(2; \{6^{23}, 3^{13}, 2^3\})$	29686813950816
6	$\mathcal{O}(2; \{6^{24}, 3^2, 2^{16}\})$	28991030112
6	$\mathcal{O}(2; \{6^{24}, 3^5, 2^{12}\})$	231928233120
6	$\mathcal{O}(2; \{6^{24}, 3^8, 2^8\})$	1855425872736
6	$\mathcal{O}(2; \{6^{24}, 3^{11}, 2^4\})$	14843406974112

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^{24}, 3^{14}\})$	118747255800672
6	$\mathcal{O}(2; \{6^{25}, 2^{17}\})$	14495513760
6	$\mathcal{O}(2; \{6^{25}, 3^3, 2^{13}\})$	115964117856
6	$\mathcal{O}(2; \{6^{25}, 3^6, 2^9\})$	927712935072
6	$\mathcal{O}(2; \{6^{25}, 3^9, 2^5\})$	7421703488352
6	$\mathcal{O}(2; \{6^{25}, 3^{12}, 2\})$	59373627899040
6	$\mathcal{O}(2; \{6^{26}, 3, 2^{14}\})$	57982057632
6	$\mathcal{O}(2; \{6^{26}, 3^4, 2^{10}\})$	463856468832
6	$\mathcal{O}(2; \{6^{26}, 3^7, 2^6\})$	3710851742880
6	$\mathcal{O}(2; \{6^{26}, 3^{10}, 2^2\})$	29686813950816
6	$\mathcal{O}(2; \{6^{27}, 3^2, 2^{11}\})$	231928233120
6	$\mathcal{O}(2; \{6^{27}, 3^5, 2^7\})$	1855425872736
6	$\mathcal{O}(2; \{6^{27}, 3^8, 2^3\})$	14843406974112
6	$\mathcal{O}(2; \{6^{28}, 2^{12}\})$	115964117856
6	$\mathcal{O}(2; \{6^{28}, 3^3, 2^8\})$	927712935072
6	$\mathcal{O}(2; \{6^{28}, 3^6, 2^4\})$	7421703488352
6	$\mathcal{O}(2; \{6^{28}, 3^9\})$	59373627899040
6	$\mathcal{O}(2; \{6^{29}, 3, 2^9\})$	463856468832
6	$\mathcal{O}(2; \{6^{29}, 3^4, 2^5\})$	3710851742880
6	$\mathcal{O}(2; \{6^{29}, 3^7, 2\})$	29686813950816
6	$\mathcal{O}(2; \{6^{30}, 3^2, 2^6\})$	1855425872736
6	$\mathcal{O}(2; \{6^{30}, 3^5, 2^2\})$	14843406974112
6	$\mathcal{O}(2; \{6^{31}, 2^7\})$	927712935072
6	$\mathcal{O}(2; \{6^{31}, 3^3, 2^3\})$	7421703488352
6	$\mathcal{O}(2; \{6^{32}, 3, 2^4\})$	3710851742880
6	$\mathcal{O}(2; \{6^{32}, 3^4\})$	29686813950816
6	$\mathcal{O}(2; \{6^{33}, 3^2, 2\})$	14843406974112
6	$\mathcal{O}(2; \{6^{34}, 2^2\})$	7421703488352
6	$\mathcal{O}(1; \{3^2, 2^{60}\})$	72
6	$\mathcal{O}(1; \{3^5, 2^{56}\})$	360
6	$\mathcal{O}(1; \{3^8, 2^{52}\})$	3096
6	$\mathcal{O}(1; \{3^{11}, 2^{48}\})$	24552
6	$\mathcal{O}(1; \{3^{14}, 2^{44}\})$	196632
6	$\mathcal{O}(1; \{3^{17}, 2^{40}\})$	1572840
6	$\mathcal{O}(1; \{3^{20}, 2^{36}\})$	12582936
6	$\mathcal{O}(1; \{3^{23}, 2^{32}\})$	100663272
6	$\mathcal{O}(1; \{3^{26}, 2^{28}\})$	805306392
6	$\mathcal{O}(1; \{3^{29}, 2^{24}\})$	6442450920
6	$\mathcal{O}(1; \{3^{32}, 2^{20}\})$	51539607576
6	$\mathcal{O}(1; \{3^{35}, 2^{16}\})$	412316860392
6	$\mathcal{O}(1; \{3^{38}, 2^{12}\})$	3298534883352
6	$\mathcal{O}(1; \{3^{41}, 2^8\})$	26388279066600
6	$\mathcal{O}(1; \{3^{44}, 2^4\})$	211106232533016

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{3^{47}\})$	1266637395197934
6	$\mathcal{O}(1; \{6, 3^3, 2^{57}\})$	216
6	$\mathcal{O}(1; \{6, 3^6, 2^{53}\})$	1512
6	$\mathcal{O}(1; \{6, 3^9, 2^{49}\})$	12312
6	$\mathcal{O}(1; \{6, 3^{12}, 2^{45}\})$	98280
6	$\mathcal{O}(1; \{6, 3^{15}, 2^{41}\})$	786456
6	$\mathcal{O}(1; \{6, 3^{18}, 2^{37}\})$	6291432
6	$\mathcal{O}(1; \{6, 3^{21}, 2^{33}\})$	50331672
6	$\mathcal{O}(1; \{6, 3^{24}, 2^{29}\})$	402653160
6	$\mathcal{O}(1; \{6, 3^{27}, 2^{25}\})$	3221225496
6	$\mathcal{O}(1; \{6, 3^{30}, 2^{21}\})$	25769803752
6	$\mathcal{O}(1; \{6, 3^{33}, 2^{17}\})$	206158430232
6	$\mathcal{O}(1; \{6, 3^{36}, 2^{13}\})$	1649267441640
6	$\mathcal{O}(1; \{6, 3^{39}, 2^9\})$	13194139533336
6	$\mathcal{O}(1; \{6, 3^{42}, 2^5\})$	105553116266472
6	$\mathcal{O}(1; \{6, 3^{45}, 2\})$	844424930131992
6	$\mathcal{O}(1; \{6^2, 3, 2^{58}\})$	72
6	$\mathcal{O}(1; \{6^2, 3^4, 2^{54}\})$	792
6	$\mathcal{O}(1; \{6^2, 3^7, 2^{50}\})$	6120
6	$\mathcal{O}(1; \{6^2, 3^{10}, 2^{46}\})$	49176
6	$\mathcal{O}(1; \{6^2, 3^{13}, 2^{42}\})$	393192
6	$\mathcal{O}(1; \{6^2, 3^{16}, 2^{38}\})$	3145752
6	$\mathcal{O}(1; \{6^2, 3^{19}, 2^{34}\})$	25165800
6	$\mathcal{O}(1; \{6^2, 3^{22}, 2^{30}\})$	201326616
6	$\mathcal{O}(1; \{6^2, 3^{25}, 2^{26}\})$	1610612712
6	$\mathcal{O}(1; \{6^2, 3^{28}, 2^{22}\})$	12884901912
6	$\mathcal{O}(1; \{6^2, 3^{31}, 2^{18}\})$	103079215080
6	$\mathcal{O}(1; \{6^2, 3^{34}, 2^{14}\})$	824633720856
6	$\mathcal{O}(1; \{6^2, 3^{37}, 2^{10}\})$	6597069766632
6	$\mathcal{O}(1; \{6^2, 3^{40}, 2^6\})$	52776558133272
6	$\mathcal{O}(1; \{6^2, 3^{43}, 2^2\})$	422212465065960
6	$\mathcal{O}(1; \{6^3, 3^2, 2^{55}\})$	360
6	$\mathcal{O}(1; \{6^3, 3^5, 2^{51}\})$	3096
6	$\mathcal{O}(1; \{6^3, 3^8, 2^{47}\})$	24552
6	$\mathcal{O}(1; \{6^3, 3^{11}, 2^{43}\})$	196632
6	$\mathcal{O}(1; \{6^3, 3^{14}, 2^{39}\})$	1572840
6	$\mathcal{O}(1; \{6^3, 3^{17}, 2^{35}\})$	12582936
6	$\mathcal{O}(1; \{6^3, 3^{20}, 2^{31}\})$	100663272
6	$\mathcal{O}(1; \{6^3, 3^{23}, 2^{27}\})$	805306392
6	$\mathcal{O}(1; \{6^3, 3^{26}, 2^{23}\})$	6442450920
6	$\mathcal{O}(1; \{6^3, 3^{29}, 2^{19}\})$	51539607576
6	$\mathcal{O}(1; \{6^3, 3^{32}, 2^{15}\})$	412316860392
6	$\mathcal{O}(1; \{6^3, 3^{35}, 2^{11}\})$	3298534883352

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^3, 3^{38}, 2^7\})$	26388279066600
6	$\mathcal{O}(1; \{6^3, 3^{41}, 2^3\})$	211106232533016
6	$\mathcal{O}(1; \{6^4, 2^{56}\})$	216
6	$\mathcal{O}(1; \{6^4, 3^3, 2^{52}\})$	1512
6	$\mathcal{O}(1; \{6^4, 3^6, 2^{48}\})$	12312
6	$\mathcal{O}(1; \{6^4, 3^9, 2^{44}\})$	98280
6	$\mathcal{O}(1; \{6^4, 3^{12}, 2^{40}\})$	786456
6	$\mathcal{O}(1; \{6^4, 3^{15}, 2^{36}\})$	6291432
6	$\mathcal{O}(1; \{6^4, 3^{18}, 2^{32}\})$	50331672
6	$\mathcal{O}(1; \{6^4, 3^{21}, 2^{28}\})$	402653160
6	$\mathcal{O}(1; \{6^4, 3^{24}, 2^{24}\})$	3221225496
6	$\mathcal{O}(1; \{6^4, 3^{27}, 2^{20}\})$	25769803752
6	$\mathcal{O}(1; \{6^4, 3^{30}, 2^{16}\})$	206158430232
6	$\mathcal{O}(1; \{6^4, 3^{33}, 2^{12}\})$	1649267441640
6	$\mathcal{O}(1; \{6^4, 3^{36}, 2^8\})$	13194139533336
6	$\mathcal{O}(1; \{6^4, 3^{39}, 2^4\})$	105553116266472
6	$\mathcal{O}(1; \{6^4, 3^{42}\})$	844424930131992
6	$\mathcal{O}(1; \{6^5, 3, 2^{53}\})$	792
6	$\mathcal{O}(1; \{6^5, 3^4, 2^{49}\})$	6120
6	$\mathcal{O}(1; \{6^5, 3^7, 2^{45}\})$	49176
6	$\mathcal{O}(1; \{6^5, 3^{10}, 2^{41}\})$	393192
6	$\mathcal{O}(1; \{6^5, 3^{13}, 2^{37}\})$	3145752
6	$\mathcal{O}(1; \{6^5, 3^{16}, 2^{33}\})$	25165800
6	$\mathcal{O}(1; \{6^5, 3^{19}, 2^{29}\})$	201326616
6	$\mathcal{O}(1; \{6^5, 3^{22}, 2^{25}\})$	1610612712
6	$\mathcal{O}(1; \{6^5, 3^{25}, 2^{21}\})$	12884901912
6	$\mathcal{O}(1; \{6^5, 3^{28}, 2^{17}\})$	103079215080
6	$\mathcal{O}(1; \{6^5, 3^{31}, 2^{13}\})$	824633720856
6	$\mathcal{O}(1; \{6^5, 3^{34}, 2^9\})$	6597069766632
6	$\mathcal{O}(1; \{6^5, 3^{37}, 2^5\})$	52776558133272
6	$\mathcal{O}(1; \{6^5, 3^{40}, 2\})$	422212465065960
6	$\mathcal{O}(1; \{6^6, 3^2, 2^{50}\})$	3096
6	$\mathcal{O}(1; \{6^6, 3^5, 2^{46}\})$	24552
6	$\mathcal{O}(1; \{6^6, 3^8, 2^{42}\})$	196632
6	$\mathcal{O}(1; \{6^6, 3^{11}, 2^{38}\})$	1572840
6	$\mathcal{O}(1; \{6^6, 3^{14}, 2^{34}\})$	12582936
6	$\mathcal{O}(1; \{6^6, 3^{17}, 2^{30}\})$	100663272
6	$\mathcal{O}(1; \{6^6, 3^{20}, 2^{26}\})$	805306392
6	$\mathcal{O}(1; \{6^6, 3^{23}, 2^{22}\})$	6442450920
6	$\mathcal{O}(1; \{6^6, 3^{26}, 2^{18}\})$	51539607576
6	$\mathcal{O}(1; \{6^6, 3^{29}, 2^{14}\})$	412316860392
6	$\mathcal{O}(1; \{6^6, 3^{32}, 2^{10}\})$	3298534883352
6	$\mathcal{O}(1; \{6^6, 3^{35}, 2^6\})$	26388279066600

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^6, 3^{38}, 2^2\})$	211106232533016
6	$\mathcal{O}(1; \{6^7, 2^{51}\})$	1512
6	$\mathcal{O}(1; \{6^7, 3^3, 2^{47}\})$	12312
6	$\mathcal{O}(1; \{6^7, 3^6, 2^{43}\})$	98280
6	$\mathcal{O}(1; \{6^7, 3^9, 2^{39}\})$	786456
6	$\mathcal{O}(1; \{6^7, 3^{12}, 2^{35}\})$	6291432
6	$\mathcal{O}(1; \{6^7, 3^{15}, 2^{31}\})$	50331672
6	$\mathcal{O}(1; \{6^7, 3^{18}, 2^{27}\})$	402653160
6	$\mathcal{O}(1; \{6^7, 3^{21}, 2^{23}\})$	3221225496
6	$\mathcal{O}(1; \{6^7, 3^{24}, 2^{19}\})$	25769803752
6	$\mathcal{O}(1; \{6^7, 3^{27}, 2^{15}\})$	206158430232
6	$\mathcal{O}(1; \{6^7, 3^{30}, 2^{11}\})$	1649267441640
6	$\mathcal{O}(1; \{6^7, 3^{33}, 2^7\})$	13194139533336
6	$\mathcal{O}(1; \{6^7, 3^{36}, 2^3\})$	105553116266472
6	$\mathcal{O}(1; \{6^8, 3, 2^{48}\})$	6120
6	$\mathcal{O}(1; \{6^8, 3^4, 2^{44}\})$	49176
6	$\mathcal{O}(1; \{6^8, 3^7, 2^{40}\})$	393192
6	$\mathcal{O}(1; \{6^8, 3^{10}, 2^{36}\})$	3145752
6	$\mathcal{O}(1; \{6^8, 3^{13}, 2^{32}\})$	25165800
6	$\mathcal{O}(1; \{6^8, 3^{16}, 2^{28}\})$	201326616
6	$\mathcal{O}(1; \{6^8, 3^{19}, 2^{24}\})$	1610612712
6	$\mathcal{O}(1; \{6^8, 3^{22}, 2^{20}\})$	12884901912
6	$\mathcal{O}(1; \{6^8, 3^{25}, 2^{16}\})$	103079215080
6	$\mathcal{O}(1; \{6^8, 3^{28}, 2^{12}\})$	824633720856
6	$\mathcal{O}(1; \{6^8, 3^{31}, 2^8\})$	6597069766632
6	$\mathcal{O}(1; \{6^8, 3^{34}, 2^4\})$	52776558133272
6	$\mathcal{O}(1; \{6^8, 3^{37}\})$	422212465065960
6	$\mathcal{O}(1; \{6^9, 3^2, 2^{45}\})$	24552
6	$\mathcal{O}(1; \{6^9, 3^5, 2^{41}\})$	196632
6	$\mathcal{O}(1; \{6^9, 3^8, 2^{37}\})$	1572840
6	$\mathcal{O}(1; \{6^9, 3^{11}, 2^{33}\})$	12582936
6	$\mathcal{O}(1; \{6^9, 3^{14}, 2^{29}\})$	100663272
6	$\mathcal{O}(1; \{6^9, 3^{17}, 2^{25}\})$	805306392
6	$\mathcal{O}(1; \{6^9, 3^{20}, 2^{21}\})$	6442450920
6	$\mathcal{O}(1; \{6^9, 3^{23}, 2^{17}\})$	51539607576
6	$\mathcal{O}(1; \{6^9, 3^{26}, 2^{13}\})$	412316860392
6	$\mathcal{O}(1; \{6^9, 3^{29}, 2^9\})$	3298534883352
6	$\mathcal{O}(1; \{6^9, 3^{32}, 2^5\})$	26388279066600
6	$\mathcal{O}(1; \{6^9, 3^{35}, 2\})$	211106232533016
6	$\mathcal{O}(1; \{6^{10}, 2^{46}\})$	12312
6	$\mathcal{O}(1; \{6^{10}, 3^3, 2^{42}\})$	98280
6	$\mathcal{O}(1; \{6^{10}, 3^6, 2^{38}\})$	786456
6	$\mathcal{O}(1; \{6^{10}, 3^9, 2^{34}\})$	6291432

Continued on next page

Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{10}, 3^{12}, 2^{30}\})$	50331672
6	$\mathcal{O}(1; \{6^{10}, 3^{15}, 2^{26}\})$	402653160
6	$\mathcal{O}(1; \{6^{10}, 3^{18}, 2^{22}\})$	3221225496
6	$\mathcal{O}(1; \{6^{10}, 3^{21}, 2^{18}\})$	25769803752
6	$\mathcal{O}(1; \{6^{10}, 3^{24}, 2^{14}\})$	206158430232
6	$\mathcal{O}(1; \{6^{10}, 3^{27}, 2^{10}\})$	1649267441640
6	$\mathcal{O}(1; \{6^{10}, 3^{30}, 2^6\})$	13194139533336
6	$\mathcal{O}(1; \{6^{10}, 3^{33}, 2^2\})$	105553116266472
6	$\mathcal{O}(1; \{6^{11}, 3, 2^{43}\})$	49176
6	$\mathcal{O}(1; \{6^{11}, 3^4, 2^{39}\})$	393192
6	$\mathcal{O}(1; \{6^{11}, 3^7, 2^{35}\})$	3145752
6	$\mathcal{O}(1; \{6^{11}, 3^{10}, 2^{31}\})$	25165800
6	$\mathcal{O}(1; \{6^{11}, 3^{13}, 2^{27}\})$	201326616
6	$\mathcal{O}(1; \{6^{11}, 3^{16}, 2^{23}\})$	1610612712
6	$\mathcal{O}(1; \{6^{11}, 3^{19}, 2^{19}\})$	12884901912
6	$\mathcal{O}(1; \{6^{11}, 3^{22}, 2^{15}\})$	103079215080
6	$\mathcal{O}(1; \{6^{11}, 3^{25}, 2^{11}\})$	824633720856
6	$\mathcal{O}(1; \{6^{11}, 3^{28}, 2^7\})$	6597069766632
6	$\mathcal{O}(1; \{6^{11}, 3^{31}, 2^3\})$	52776558133272
6	$\mathcal{O}(1; \{6^{12}, 3^2, 2^{40}\})$	196632
6	$\mathcal{O}(1; \{6^{12}, 3^5, 2^{36}\})$	1572840
6	$\mathcal{O}(1; \{6^{12}, 3^8, 2^{32}\})$	12582936
6	$\mathcal{O}(1; \{6^{12}, 3^{11}, 2^{28}\})$	100663272
6	$\mathcal{O}(1; \{6^{12}, 3^{14}, 2^{24}\})$	805306392
6	$\mathcal{O}(1; \{6^{12}, 3^{17}, 2^{20}\})$	6442450920
6	$\mathcal{O}(1; \{6^{12}, 3^{20}, 2^{16}\})$	51539607576
6	$\mathcal{O}(1; \{6^{12}, 3^{23}, 2^{12}\})$	412316860392
6	$\mathcal{O}(1; \{6^{12}, 3^{26}, 2^8\})$	3298534883352
6	$\mathcal{O}(1; \{6^{12}, 3^{29}, 2^4\})$	26388279066600
6	$\mathcal{O}(1; \{6^{12}, 3^{32}\})$	211106232533016
6	$\mathcal{O}(1; \{6^{13}, 2^{41}\})$	98280
6	$\mathcal{O}(1; \{6^{13}, 3^3, 2^{37}\})$	786456
6	$\mathcal{O}(1; \{6^{13}, 3^6, 2^{33}\})$	6291432
6	$\mathcal{O}(1; \{6^{13}, 3^9, 2^{29}\})$	50331672
6	$\mathcal{O}(1; \{6^{13}, 3^{12}, 2^{25}\})$	402653160
6	$\mathcal{O}(1; \{6^{13}, 3^{15}, 2^{21}\})$	3221225496
6	$\mathcal{O}(1; \{6^{13}, 3^{18}, 2^{17}\})$	25769803752
6	$\mathcal{O}(1; \{6^{13}, 3^{21}, 2^{13}\})$	206158430232
6	$\mathcal{O}(1; \{6^{13}, 3^{24}, 2^9\})$	1649267441640
6	$\mathcal{O}(1; \{6^{13}, 3^{27}, 2^5\})$	13194139533336
6	$\mathcal{O}(1; \{6^{13}, 3^{30}, 2\})$	105553116266472
6	$\mathcal{O}(1; \{6^{14}, 3, 2^{38}\})$	393192
6	$\mathcal{O}(1; \{6^{14}, 3^4, 2^{34}\})$	3145752

Continued on next page

Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{14}, 3^7, 2^{30}\})$	25165800
6	$\mathcal{O}(1; \{6^{14}, 3^{10}, 2^{26}\})$	201326616
6	$\mathcal{O}(1; \{6^{14}, 3^{13}, 2^{22}\})$	1610612712
6	$\mathcal{O}(1; \{6^{14}, 3^{16}, 2^{18}\})$	12884901912
6	$\mathcal{O}(1; \{6^{14}, 3^{19}, 2^{14}\})$	103079215080
6	$\mathcal{O}(1; \{6^{14}, 3^{22}, 2^{10}\})$	824633720856
6	$\mathcal{O}(1; \{6^{14}, 3^{25}, 2^6\})$	6597069766632
6	$\mathcal{O}(1; \{6^{14}, 3^{28}, 2^2\})$	52776558133272
6	$\mathcal{O}(1; \{6^{15}, 3^2, 2^{35}\})$	1572840
6	$\mathcal{O}(1; \{6^{15}, 3^5, 2^{31}\})$	12582936
6	$\mathcal{O}(1; \{6^{15}, 3^8, 2^{27}\})$	100663272
6	$\mathcal{O}(1; \{6^{15}, 3^{11}, 2^{23}\})$	805306392
6	$\mathcal{O}(1; \{6^{15}, 3^{14}, 2^{19}\})$	6442450920
6	$\mathcal{O}(1; \{6^{15}, 3^{17}, 2^{15}\})$	51539607576
6	$\mathcal{O}(1; \{6^{15}, 3^{20}, 2^{11}\})$	412316860392
6	$\mathcal{O}(1; \{6^{15}, 3^{23}, 2^7\})$	3298534883352
6	$\mathcal{O}(1; \{6^{15}, 3^{26}, 2^3\})$	26388279066600
6	$\mathcal{O}(1; \{6^{16}, 2^{36}\})$	786456
6	$\mathcal{O}(1; \{6^{16}, 3^3, 2^{32}\})$	6291432
6	$\mathcal{O}(1; \{6^{16}, 3^6, 2^{28}\})$	50331672
6	$\mathcal{O}(1; \{6^{16}, 3^9, 2^{24}\})$	402653160
6	$\mathcal{O}(1; \{6^{16}, 3^{12}, 2^{20}\})$	3221225496
6	$\mathcal{O}(1; \{6^{16}, 3^{15}, 2^{16}\})$	25769803752
6	$\mathcal{O}(1; \{6^{16}, 3^{18}, 2^{12}\})$	206158430232
6	$\mathcal{O}(1; \{6^{16}, 3^{21}, 2^8\})$	1649267441640
6	$\mathcal{O}(1; \{6^{16}, 3^{24}, 2^4\})$	13194139533336
6	$\mathcal{O}(1; \{6^{16}, 3^{27}\})$	105553116266472
6	$\mathcal{O}(1; \{6^{17}, 3, 2^{33}\})$	3145752
6	$\mathcal{O}(1; \{6^{17}, 3^4, 2^{29}\})$	25165800
6	$\mathcal{O}(1; \{6^{17}, 3^7, 2^{25}\})$	201326616
6	$\mathcal{O}(1; \{6^{17}, 3^{10}, 2^{21}\})$	1610612712
6	$\mathcal{O}(1; \{6^{17}, 3^{13}, 2^{17}\})$	12884901912
6	$\mathcal{O}(1; \{6^{17}, 3^{16}, 2^{13}\})$	103079215080
6	$\mathcal{O}(1; \{6^{17}, 3^{19}, 2^9\})$	824633720856
6	$\mathcal{O}(1; \{6^{17}, 3^{22}, 2^5\})$	6597069766632
6	$\mathcal{O}(1; \{6^{17}, 3^{25}, 2\})$	52776558133272
6	$\mathcal{O}(1; \{6^{18}, 3^2, 2^{30}\})$	12582936
6	$\mathcal{O}(1; \{6^{18}, 3^5, 2^{26}\})$	100663272
6	$\mathcal{O}(1; \{6^{18}, 3^8, 2^{22}\})$	805306392
6	$\mathcal{O}(1; \{6^{18}, 3^{11}, 2^{18}\})$	6442450920
6	$\mathcal{O}(1; \{6^{18}, 3^{14}, 2^{14}\})$	51539607576
6	$\mathcal{O}(1; \{6^{18}, 3^{17}, 2^{10}\})$	412316860392
6	$\mathcal{O}(1; \{6^{18}, 3^{20}, 2^6\})$	3298534883352

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{18}, 3^{23}, 2^2\})$	26388279066600
6	$\mathcal{O}(1; \{6^{19}, 2^{31}\})$	6291432
6	$\mathcal{O}(1; \{6^{19}, 3^3, 2^{27}\})$	50331672
6	$\mathcal{O}(1; \{6^{19}, 3^6, 2^{23}\})$	402653160
6	$\mathcal{O}(1; \{6^{19}, 3^9, 2^{19}\})$	3221225496
6	$\mathcal{O}(1; \{6^{19}, 3^{12}, 2^{15}\})$	25769803752
6	$\mathcal{O}(1; \{6^{19}, 3^{15}, 2^{11}\})$	206158430232
6	$\mathcal{O}(1; \{6^{19}, 3^{18}, 2^7\})$	1649267441640
6	$\mathcal{O}(1; \{6^{19}, 3^{21}, 2^3\})$	13194139533336
6	$\mathcal{O}(1; \{6^{20}, 3, 2^{28}\})$	25165800
6	$\mathcal{O}(1; \{6^{20}, 3^4, 2^{24}\})$	201326616
6	$\mathcal{O}(1; \{6^{20}, 3^7, 2^{20}\})$	1610612712
6	$\mathcal{O}(1; \{6^{20}, 3^{10}, 2^{16}\})$	12884901912
6	$\mathcal{O}(1; \{6^{20}, 3^{13}, 2^{12}\})$	103079215080
6	$\mathcal{O}(1; \{6^{20}, 3^{16}, 2^8\})$	824633720856
6	$\mathcal{O}(1; \{6^{20}, 3^{19}, 2^4\})$	6597069766632
6	$\mathcal{O}(1; \{6^{20}, 3^{22}\})$	52776558133272
6	$\mathcal{O}(1; \{6^{21}, 3^2, 2^{25}\})$	100663272
6	$\mathcal{O}(1; \{6^{21}, 3^5, 2^{21}\})$	805306392
6	$\mathcal{O}(1; \{6^{21}, 3^8, 2^{17}\})$	6442450920
6	$\mathcal{O}(1; \{6^{21}, 3^{11}, 2^{13}\})$	51539607576
6	$\mathcal{O}(1; \{6^{21}, 3^{14}, 2^9\})$	412316860392
6	$\mathcal{O}(1; \{6^{21}, 3^{17}, 2^5\})$	3298534883352
6	$\mathcal{O}(1; \{6^{21}, 3^{20}, 2\})$	26388279066600
6	$\mathcal{O}(1; \{6^{22}, 2^{26}\})$	50331672
6	$\mathcal{O}(1; \{6^{22}, 3^3, 2^{22}\})$	402653160
6	$\mathcal{O}(1; \{6^{22}, 3^6, 2^{18}\})$	3221225496
6	$\mathcal{O}(1; \{6^{22}, 3^9, 2^{14}\})$	25769803752
6	$\mathcal{O}(1; \{6^{22}, 3^{12}, 2^{10}\})$	206158430232
6	$\mathcal{O}(1; \{6^{22}, 3^{15}, 2^6\})$	1649267441640
6	$\mathcal{O}(1; \{6^{22}, 3^{18}, 2^2\})$	13194139533336
6	$\mathcal{O}(1; \{6^{23}, 3, 2^{23}\})$	201326616
6	$\mathcal{O}(1; \{6^{23}, 3^4, 2^{19}\})$	1610612712
6	$\mathcal{O}(1; \{6^{23}, 3^7, 2^{15}\})$	12884901912
6	$\mathcal{O}(1; \{6^{23}, 3^{10}, 2^{11}\})$	103079215080
6	$\mathcal{O}(1; \{6^{23}, 3^{13}, 2^7\})$	824633720856
6	$\mathcal{O}(1; \{6^{23}, 3^{16}, 2^3\})$	6597069766632
6	$\mathcal{O}(1; \{6^{24}, 3^2, 2^{20}\})$	805306392
6	$\mathcal{O}(1; \{6^{24}, 3^5, 2^{16}\})$	6442450920
6	$\mathcal{O}(1; \{6^{24}, 3^8, 2^{12}\})$	51539607576
6	$\mathcal{O}(1; \{6^{24}, 3^{11}, 2^8\})$	412316860392
6	$\mathcal{O}(1; \{6^{24}, 3^{14}, 2^4\})$	3298534883352
6	$\mathcal{O}(1; \{6^{24}, 3^{17}\})$	26388279066600

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{25}, 2^{21}\})$	402653160
6	$\mathcal{O}(1; \{6^{25}, 3^3, 2^{17}\})$	3221225496
6	$\mathcal{O}(1; \{6^{25}, 3^6, 2^{13}\})$	25769803752
6	$\mathcal{O}(1; \{6^{25}, 3^9, 2^9\})$	206158430232
6	$\mathcal{O}(1; \{6^{25}, 3^{12}, 2^5\})$	1649267441640
6	$\mathcal{O}(1; \{6^{25}, 3^{15}, 2\})$	13194139533336
6	$\mathcal{O}(1; \{6^{26}, 3, 2^{18}\})$	1610612712
6	$\mathcal{O}(1; \{6^{26}, 3^4, 2^{14}\})$	12884901912
6	$\mathcal{O}(1; \{6^{26}, 3^7, 2^{10}\})$	103079215080
6	$\mathcal{O}(1; \{6^{26}, 3^{10}, 2^6\})$	824633720856
6	$\mathcal{O}(1; \{6^{26}, 3^{13}, 2^2\})$	6597069766632
6	$\mathcal{O}(1; \{6^{27}, 3^2, 2^{15}\})$	6442450920
6	$\mathcal{O}(1; \{6^{27}, 3^5, 2^{11}\})$	51539607576
6	$\mathcal{O}(1; \{6^{27}, 3^8, 2^7\})$	412316860392
6	$\mathcal{O}(1; \{6^{27}, 3^{11}, 2^3\})$	3298534883352
6	$\mathcal{O}(1; \{6^{28}, 2^{16}\})$	3221225496
6	$\mathcal{O}(1; \{6^{28}, 3^3, 2^{12}\})$	25769803752
6	$\mathcal{O}(1; \{6^{28}, 3^6, 2^8\})$	206158430232
6	$\mathcal{O}(1; \{6^{28}, 3^9, 2^4\})$	1649267441640
6	$\mathcal{O}(1; \{6^{28}, 3^{12}\})$	13194139533336
6	$\mathcal{O}(1; \{6^{29}, 3, 2^{13}\})$	12884901912
6	$\mathcal{O}(1; \{6^{29}, 3^4, 2^9\})$	103079215080
6	$\mathcal{O}(1; \{6^{29}, 3^7, 2^5\})$	824633720856
6	$\mathcal{O}(1; \{6^{29}, 3^{10}, 2\})$	6597069766632
6	$\mathcal{O}(1; \{6^{30}, 3^2, 2^{10}\})$	51539607576
6	$\mathcal{O}(1; \{6^{30}, 3^5, 2^6\})$	412316860392
6	$\mathcal{O}(1; \{6^{30}, 3^8, 2^2\})$	3298534883352
6	$\mathcal{O}(1; \{6^{31}, 2^{11}\})$	25769803752
6	$\mathcal{O}(1; \{6^{31}, 3^3, 2^7\})$	206158430232
6	$\mathcal{O}(1; \{6^{31}, 3^6, 2^3\})$	1649267441640
6	$\mathcal{O}(1; \{6^{32}, 3, 2^8\})$	103079215080
6	$\mathcal{O}(1; \{6^{32}, 3^4, 2^4\})$	824633720856
6	$\mathcal{O}(1; \{6^{32}, 3^7\})$	6597069766632
6	$\mathcal{O}(1; \{6^{33}, 3^2, 2^5\})$	412316860392
6	$\mathcal{O}(1; \{6^{33}, 3^5, 2\})$	3298534883352
6	$\mathcal{O}(1; \{6^{34}, 2^6\})$	206158430232
6	$\mathcal{O}(1; \{6^{34}, 3^3, 2^2\})$	1649267441640
6	$\mathcal{O}(1; \{6^{35}, 3, 2^3\})$	824633720856
6	$\mathcal{O}(1; \{6^{36}, 3^2\})$	3298534883352
6	$\mathcal{O}(1; \{6^{37}, 2\})$	1649267441640
6	$\mathcal{O}(0; \{3^2, 2^{64}\})$	2
6	$\mathcal{O}(0; \{3^5, 2^{60}\})$	10
6	$\mathcal{O}(0; \{3^8, 2^{56}\})$	86

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{3^{11}, 2^{52}\})$	682
6	$\mathcal{O}(0; \{3^{14}, 2^{48}\})$	5462
6	$\mathcal{O}(0; \{3^{17}, 2^{44}\})$	43690
6	$\mathcal{O}(0; \{3^{20}, 2^{40}\})$	349526
6	$\mathcal{O}(0; \{3^{23}, 2^{36}\})$	2796202
6	$\mathcal{O}(0; \{3^{26}, 2^{32}\})$	22369622
6	$\mathcal{O}(0; \{3^{29}, 2^{28}\})$	178956970
6	$\mathcal{O}(0; \{3^{32}, 2^{24}\})$	1431655766
6	$\mathcal{O}(0; \{3^{35}, 2^{20}\})$	11453246122
6	$\mathcal{O}(0; \{3^{38}, 2^{16}\})$	91625968982
6	$\mathcal{O}(0; \{3^{41}, 2^{12}\})$	733007751850
6	$\mathcal{O}(0; \{3^{44}, 2^8\})$	5864062014806
6	$\mathcal{O}(0; \{3^{47}, 2^4\})$	46912496118442
6	$\mathcal{O}(0; \{6, 3^3, 2^{61}\})$	6
6	$\mathcal{O}(0; \{6, 3^6, 2^{57}\})$	42
6	$\mathcal{O}(0; \{6, 3^9, 2^{53}\})$	342
6	$\mathcal{O}(0; \{6, 3^{12}, 2^{49}\})$	2730
6	$\mathcal{O}(0; \{6, 3^{15}, 2^{45}\})$	21846
6	$\mathcal{O}(0; \{6, 3^{18}, 2^{41}\})$	174762
6	$\mathcal{O}(0; \{6, 3^{21}, 2^{37}\})$	1398102
6	$\mathcal{O}(0; \{6, 3^{24}, 2^{33}\})$	11184810
6	$\mathcal{O}(0; \{6, 3^{27}, 2^{29}\})$	89478486
6	$\mathcal{O}(0; \{6, 3^{30}, 2^{25}\})$	715827882
6	$\mathcal{O}(0; \{6, 3^{33}, 2^{21}\})$	5726623062
6	$\mathcal{O}(0; \{6, 3^{36}, 2^{17}\})$	45812984490
6	$\mathcal{O}(0; \{6, 3^{39}, 2^{13}\})$	366503875926
6	$\mathcal{O}(0; \{6, 3^{42}, 2^9\})$	2932031007402
6	$\mathcal{O}(0; \{6, 3^{45}, 2^5\})$	23456248059222
6	$\mathcal{O}(0; \{6, 3^{48}, 2\})$	187649984473770
6	$\mathcal{O}(0; \{6^2, 3, 2^{62}\})$	2
6	$\mathcal{O}(0; \{6^2, 3^4, 2^{58}\})$	22
6	$\mathcal{O}(0; \{6^2, 3^7, 2^{54}\})$	170
6	$\mathcal{O}(0; \{6^2, 3^{10}, 2^{50}\})$	1366
6	$\mathcal{O}(0; \{6^2, 3^{13}, 2^{46}\})$	10922
6	$\mathcal{O}(0; \{6^2, 3^{16}, 2^{42}\})$	87382
6	$\mathcal{O}(0; \{6^2, 3^{19}, 2^{38}\})$	699050
6	$\mathcal{O}(0; \{6^2, 3^{22}, 2^{34}\})$	5592406
6	$\mathcal{O}(0; \{6^2, 3^{25}, 2^{30}\})$	44739242
6	$\mathcal{O}(0; \{6^2, 3^{28}, 2^{26}\})$	357913942
6	$\mathcal{O}(0; \{6^2, 3^{31}, 2^{22}\})$	2863311530
6	$\mathcal{O}(0; \{6^2, 3^{34}, 2^{18}\})$	22906492246
6	$\mathcal{O}(0; \{6^2, 3^{37}, 2^{14}\})$	183251937962
6	$\mathcal{O}(0; \{6^2, 3^{40}, 2^{10}\})$	1466015503702

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^2, 3^{43}, 2^6\})$	11728124029610
6	$\mathcal{O}(0; \{6^2, 3^{46}, 2^2\})$	93824992236886
6	$\mathcal{O}(0; \{6^3, 3^2, 2^{59}\})$	10
6	$\mathcal{O}(0; \{6^3, 3^5, 2^{55}\})$	86
6	$\mathcal{O}(0; \{6^3, 3^8, 2^{51}\})$	682
6	$\mathcal{O}(0; \{6^3, 3^{11}, 2^{47}\})$	5462
6	$\mathcal{O}(0; \{6^3, 3^{14}, 2^{43}\})$	43690
6	$\mathcal{O}(0; \{6^3, 3^{17}, 2^{39}\})$	349526
6	$\mathcal{O}(0; \{6^3, 3^{20}, 2^{35}\})$	2796202
6	$\mathcal{O}(0; \{6^3, 3^{23}, 2^{31}\})$	22369622
6	$\mathcal{O}(0; \{6^3, 3^{26}, 2^{27}\})$	178956970
6	$\mathcal{O}(0; \{6^3, 3^{29}, 2^{23}\})$	1431655766
6	$\mathcal{O}(0; \{6^3, 3^{32}, 2^{19}\})$	11453246122
6	$\mathcal{O}(0; \{6^3, 3^{35}, 2^{15}\})$	91625968982
6	$\mathcal{O}(0; \{6^3, 3^{38}, 2^{11}\})$	733007751850
6	$\mathcal{O}(0; \{6^3, 3^{41}, 2^7\})$	5864062014806
6	$\mathcal{O}(0; \{6^3, 3^{44}, 2^3\})$	46912496118442
6	$\mathcal{O}(0; \{6^4, 2^{60}\})$	6
6	$\mathcal{O}(0; \{6^4, 3^3, 2^{56}\})$	42
6	$\mathcal{O}(0; \{6^4, 3^6, 2^{52}\})$	342
6	$\mathcal{O}(0; \{6^4, 3^9, 2^{48}\})$	2730
6	$\mathcal{O}(0; \{6^4, 3^{12}, 2^{44}\})$	21846
6	$\mathcal{O}(0; \{6^4, 3^{15}, 2^{40}\})$	174762
6	$\mathcal{O}(0; \{6^4, 3^{18}, 2^{36}\})$	1398102
6	$\mathcal{O}(0; \{6^4, 3^{21}, 2^{32}\})$	11184810
6	$\mathcal{O}(0; \{6^4, 3^{24}, 2^{28}\})$	89478486
6	$\mathcal{O}(0; \{6^4, 3^{27}, 2^{24}\})$	715827882
6	$\mathcal{O}(0; \{6^4, 3^{30}, 2^{20}\})$	5726623062
6	$\mathcal{O}(0; \{6^4, 3^{33}, 2^{16}\})$	45812984490
6	$\mathcal{O}(0; \{6^4, 3^{36}, 2^{12}\})$	366503875926
6	$\mathcal{O}(0; \{6^4, 3^{39}, 2^8\})$	2932031007402
6	$\mathcal{O}(0; \{6^4, 3^{42}, 2^4\})$	23456248059222
6	$\mathcal{O}(0; \{6^4, 3^{45}\})$	187649984473770
6	$\mathcal{O}(0; \{6^5, 3, 2^{57}\})$	22
6	$\mathcal{O}(0; \{6^5, 3^4, 2^{53}\})$	170
6	$\mathcal{O}(0; \{6^5, 3^7, 2^{49}\})$	1366
6	$\mathcal{O}(0; \{6^5, 3^{10}, 2^{45}\})$	10922
6	$\mathcal{O}(0; \{6^5, 3^{13}, 2^{41}\})$	87382
6	$\mathcal{O}(0; \{6^5, 3^{16}, 2^{37}\})$	699050
6	$\mathcal{O}(0; \{6^5, 3^{19}, 2^{33}\})$	5592406
6	$\mathcal{O}(0; \{6^5, 3^{22}, 2^{29}\})$	44739242
6	$\mathcal{O}(0; \{6^5, 3^{25}, 2^{25}\})$	357913942
6	$\mathcal{O}(0; \{6^5, 3^{28}, 2^{21}\})$	2863311530

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^5, 3^{31}, 2^{17}\})$	22906492246
6	$\mathcal{O}(0; \{6^5, 3^{34}, 2^{13}\})$	183251937962
6	$\mathcal{O}(0; \{6^5, 3^{37}, 2^9\})$	1466015503702
6	$\mathcal{O}(0; \{6^5, 3^{40}, 2^5\})$	11728124029610
6	$\mathcal{O}(0; \{6^5, 3^{43}, 2\})$	93824992236886
6	$\mathcal{O}(0; \{6^6, 3^2, 2^{54}\})$	86
6	$\mathcal{O}(0; \{6^6, 3^5, 2^{50}\})$	682
6	$\mathcal{O}(0; \{6^6, 3^8, 2^{46}\})$	5462
6	$\mathcal{O}(0; \{6^6, 3^{11}, 2^{42}\})$	43690
6	$\mathcal{O}(0; \{6^6, 3^{14}, 2^{38}\})$	349526
6	$\mathcal{O}(0; \{6^6, 3^{17}, 2^{34}\})$	2796202
6	$\mathcal{O}(0; \{6^6, 3^{20}, 2^{30}\})$	22369622
6	$\mathcal{O}(0; \{6^6, 3^{23}, 2^{26}\})$	178956970
6	$\mathcal{O}(0; \{6^6, 3^{26}, 2^{22}\})$	1431655766
6	$\mathcal{O}(0; \{6^6, 3^{29}, 2^{18}\})$	11453246122
6	$\mathcal{O}(0; \{6^6, 3^{32}, 2^{14}\})$	91625968982
6	$\mathcal{O}(0; \{6^6, 3^{35}, 2^{10}\})$	733007751850
6	$\mathcal{O}(0; \{6^6, 3^{38}, 2^6\})$	5864062014806
6	$\mathcal{O}(0; \{6^6, 3^{41}, 2^2\})$	46912496118442
6	$\mathcal{O}(0; \{6^7, 2^{55}\})$	42
6	$\mathcal{O}(0; \{6^7, 3^3, 2^{51}\})$	342
6	$\mathcal{O}(0; \{6^7, 3^6, 2^{47}\})$	2730
6	$\mathcal{O}(0; \{6^7, 3^9, 2^{43}\})$	21846
6	$\mathcal{O}(0; \{6^7, 3^{12}, 2^{39}\})$	174762
6	$\mathcal{O}(0; \{6^7, 3^{15}, 2^{35}\})$	1398102
6	$\mathcal{O}(0; \{6^7, 3^{18}, 2^{31}\})$	11184810
6	$\mathcal{O}(0; \{6^7, 3^{21}, 2^{27}\})$	89478486
6	$\mathcal{O}(0; \{6^7, 3^{24}, 2^{23}\})$	715827882
6	$\mathcal{O}(0; \{6^7, 3^{27}, 2^{19}\})$	5726623062
6	$\mathcal{O}(0; \{6^7, 3^{30}, 2^{15}\})$	45812984490
6	$\mathcal{O}(0; \{6^7, 3^{33}, 2^{11}\})$	366503875926
6	$\mathcal{O}(0; \{6^7, 3^{36}, 2^7\})$	2932031007402
6	$\mathcal{O}(0; \{6^7, 3^{39}, 2^3\})$	23456248059222
6	$\mathcal{O}(0; \{6^8, 3, 2^{52}\})$	170
6	$\mathcal{O}(0; \{6^8, 3^4, 2^{48}\})$	1366
6	$\mathcal{O}(0; \{6^8, 3^7, 2^{44}\})$	10922
6	$\mathcal{O}(0; \{6^8, 3^{10}, 2^{40}\})$	87382
6	$\mathcal{O}(0; \{6^8, 3^{13}, 2^{36}\})$	699050
6	$\mathcal{O}(0; \{6^8, 3^{16}, 2^{32}\})$	5592406
6	$\mathcal{O}(0; \{6^8, 3^{19}, 2^{28}\})$	44739242
6	$\mathcal{O}(0; \{6^8, 3^{22}, 2^{24}\})$	357913942
6	$\mathcal{O}(0; \{6^8, 3^{25}, 2^{20}\})$	2863311530
6	$\mathcal{O}(0; \{6^8, 3^{28}, 2^{16}\})$	22906492246

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^8, 3^{31}, 2^{12}\})$	183251937962
6	$\mathcal{O}(0; \{6^8, 3^{34}, 2^8\})$	1466015503702
6	$\mathcal{O}(0; \{6^8, 3^{37}, 2^4\})$	11728124029610
6	$\mathcal{O}(0; \{6^8, 3^{40}\})$	93824992236886
6	$\mathcal{O}(0; \{6^9, 3^2, 2^{49}\})$	682
6	$\mathcal{O}(0; \{6^9, 3^5, 2^{45}\})$	5462
6	$\mathcal{O}(0; \{6^9, 3^8, 2^{41}\})$	43690
6	$\mathcal{O}(0; \{6^9, 3^{11}, 2^{37}\})$	349526
6	$\mathcal{O}(0; \{6^9, 3^{14}, 2^{33}\})$	2796202
6	$\mathcal{O}(0; \{6^9, 3^{17}, 2^{29}\})$	22369622
6	$\mathcal{O}(0; \{6^9, 3^{20}, 2^{25}\})$	178956970
6	$\mathcal{O}(0; \{6^9, 3^{23}, 2^{21}\})$	1431655766
6	$\mathcal{O}(0; \{6^9, 3^{26}, 2^{17}\})$	11453246122
6	$\mathcal{O}(0; \{6^9, 3^{29}, 2^{13}\})$	91625968982
6	$\mathcal{O}(0; \{6^9, 3^{32}, 2^9\})$	733007751850
6	$\mathcal{O}(0; \{6^9, 3^{35}, 2^5\})$	5864062014806
6	$\mathcal{O}(0; \{6^9, 3^{38}, 2\})$	46912496118442
6	$\mathcal{O}(0; \{6^{10}, 2^{50}\})$	342
6	$\mathcal{O}(0; \{6^{10}, 3^3, 2^{46}\})$	2730
6	$\mathcal{O}(0; \{6^{10}, 3^6, 2^{42}\})$	21846
6	$\mathcal{O}(0; \{6^{10}, 3^9, 2^{38}\})$	174762
6	$\mathcal{O}(0; \{6^{10}, 3^{12}, 2^{34}\})$	1398102
6	$\mathcal{O}(0; \{6^{10}, 3^{15}, 2^{30}\})$	11184810
6	$\mathcal{O}(0; \{6^{10}, 3^{18}, 2^{26}\})$	89478486
6	$\mathcal{O}(0; \{6^{10}, 3^{21}, 2^{22}\})$	715827882
6	$\mathcal{O}(0; \{6^{10}, 3^{24}, 2^{18}\})$	5726623062
6	$\mathcal{O}(0; \{6^{10}, 3^{27}, 2^{14}\})$	45812984490
6	$\mathcal{O}(0; \{6^{10}, 3^{30}, 2^{10}\})$	366503875926
6	$\mathcal{O}(0; \{6^{10}, 3^{33}, 2^6\})$	2932031007402
6	$\mathcal{O}(0; \{6^{10}, 3^{36}, 2^2\})$	23456248059222
6	$\mathcal{O}(0; \{6^{11}, 3, 2^{47}\})$	1366
6	$\mathcal{O}(0; \{6^{11}, 3^4, 2^{43}\})$	10922
6	$\mathcal{O}(0; \{6^{11}, 3^7, 2^{39}\})$	87382
6	$\mathcal{O}(0; \{6^{11}, 3^{10}, 2^{35}\})$	699050
6	$\mathcal{O}(0; \{6^{11}, 3^{13}, 2^{31}\})$	5592406
6	$\mathcal{O}(0; \{6^{11}, 3^{16}, 2^{27}\})$	44739242
6	$\mathcal{O}(0; \{6^{11}, 3^{19}, 2^{23}\})$	357913942
6	$\mathcal{O}(0; \{6^{11}, 3^{22}, 2^{19}\})$	2863311530
6	$\mathcal{O}(0; \{6^{11}, 3^{25}, 2^{15}\})$	22906492246
6	$\mathcal{O}(0; \{6^{11}, 3^{28}, 2^{11}\})$	183251937962
6	$\mathcal{O}(0; \{6^{11}, 3^{31}, 2^7\})$	1466015503702
6	$\mathcal{O}(0; \{6^{11}, 3^{34}, 2^3\})$	11728124029610
6	$\mathcal{O}(0; \{6^{12}, 3^2, 2^{44}\})$	5462

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{12}, 3^5, 2^{40}\})$	43690
6	$\mathcal{O}(0; \{6^{12}, 3^8, 2^{36}\})$	349526
6	$\mathcal{O}(0; \{6^{12}, 3^{11}, 2^{32}\})$	2796202
6	$\mathcal{O}(0; \{6^{12}, 3^{14}, 2^{28}\})$	22369622
6	$\mathcal{O}(0; \{6^{12}, 3^{17}, 2^{24}\})$	178956970
6	$\mathcal{O}(0; \{6^{12}, 3^{20}, 2^{20}\})$	1431655766
6	$\mathcal{O}(0; \{6^{12}, 3^{23}, 2^{16}\})$	11453246122
6	$\mathcal{O}(0; \{6^{12}, 3^{26}, 2^{12}\})$	91625968982
6	$\mathcal{O}(0; \{6^{12}, 3^{29}, 2^8\})$	733007751850
6	$\mathcal{O}(0; \{6^{12}, 3^{32}, 2^4\})$	5864062014806
6	$\mathcal{O}(0; \{6^{12}, 3^{35}\})$	46912496118442
6	$\mathcal{O}(0; \{6^{13}, 2^{45}\})$	2730
6	$\mathcal{O}(0; \{6^{13}, 3^3, 2^{41}\})$	21846
6	$\mathcal{O}(0; \{6^{13}, 3^6, 2^{37}\})$	174762
6	$\mathcal{O}(0; \{6^{13}, 3^9, 2^{33}\})$	1398102
6	$\mathcal{O}(0; \{6^{13}, 3^{12}, 2^{29}\})$	11184810
6	$\mathcal{O}(0; \{6^{13}, 3^{15}, 2^{25}\})$	89478486
6	$\mathcal{O}(0; \{6^{13}, 3^{18}, 2^{21}\})$	715827882
6	$\mathcal{O}(0; \{6^{13}, 3^{21}, 2^{17}\})$	5726623062
6	$\mathcal{O}(0; \{6^{13}, 3^{24}, 2^{13}\})$	45812984490
6	$\mathcal{O}(0; \{6^{13}, 3^{27}, 2^9\})$	366503875926
6	$\mathcal{O}(0; \{6^{13}, 3^{30}, 2^5\})$	2932031007402
6	$\mathcal{O}(0; \{6^{13}, 3^{33}, 2\})$	23456248059222
6	$\mathcal{O}(0; \{6^{14}, 3, 2^{42}\})$	10922
6	$\mathcal{O}(0; \{6^{14}, 3^4, 2^{38}\})$	87382
6	$\mathcal{O}(0; \{6^{14}, 3^7, 2^{34}\})$	699050
6	$\mathcal{O}(0; \{6^{14}, 3^{10}, 2^{30}\})$	5592406
6	$\mathcal{O}(0; \{6^{14}, 3^{13}, 2^{26}\})$	44739242
6	$\mathcal{O}(0; \{6^{14}, 3^{16}, 2^{22}\})$	357913942
6	$\mathcal{O}(0; \{6^{14}, 3^{19}, 2^{18}\})$	2863311530
6	$\mathcal{O}(0; \{6^{14}, 3^{22}, 2^{14}\})$	22906492246
6	$\mathcal{O}(0; \{6^{14}, 3^{25}, 2^{10}\})$	183251937962
6	$\mathcal{O}(0; \{6^{14}, 3^{28}, 2^6\})$	1466015503702
6	$\mathcal{O}(0; \{6^{14}, 3^{31}, 2^2\})$	11728124029610
6	$\mathcal{O}(0; \{6^{15}, 3^2, 2^{39}\})$	43690
6	$\mathcal{O}(0; \{6^{15}, 3^5, 2^{35}\})$	349526
6	$\mathcal{O}(0; \{6^{15}, 3^8, 2^{31}\})$	2796202
6	$\mathcal{O}(0; \{6^{15}, 3^{11}, 2^{27}\})$	22369622
6	$\mathcal{O}(0; \{6^{15}, 3^{14}, 2^{23}\})$	178956970
6	$\mathcal{O}(0; \{6^{15}, 3^{17}, 2^{19}\})$	1431655766
6	$\mathcal{O}(0; \{6^{15}, 3^{20}, 2^{15}\})$	11453246122
6	$\mathcal{O}(0; \{6^{15}, 3^{23}, 2^{11}\})$	91625968982
6	$\mathcal{O}(0; \{6^{15}, 3^{26}, 2^7\})$	733007751850

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{15}, 3^{29}, 2^3\})$	5864062014806
6	$\mathcal{O}(0; \{6^{16}, 2^{40}\})$	21846
6	$\mathcal{O}(0; \{6^{16}, 3^3, 2^{36}\})$	174762
6	$\mathcal{O}(0; \{6^{16}, 3^6, 2^{32}\})$	1398102
6	$\mathcal{O}(0; \{6^{16}, 3^9, 2^{28}\})$	11184810
6	$\mathcal{O}(0; \{6^{16}, 3^{12}, 2^{24}\})$	89478486
6	$\mathcal{O}(0; \{6^{16}, 3^{15}, 2^{20}\})$	715827882
6	$\mathcal{O}(0; \{6^{16}, 3^{18}, 2^{16}\})$	5726623062
6	$\mathcal{O}(0; \{6^{16}, 3^{21}, 2^{12}\})$	45812984490
6	$\mathcal{O}(0; \{6^{16}, 3^{24}, 2^8\})$	366503875926
6	$\mathcal{O}(0; \{6^{16}, 3^{27}, 2^4\})$	2932031007402
6	$\mathcal{O}(0; \{6^{16}, 3^{30}\})$	23456248059222
6	$\mathcal{O}(0; \{6^{17}, 3, 2^{37}\})$	87382
6	$\mathcal{O}(0; \{6^{17}, 3^4, 2^{33}\})$	699050
6	$\mathcal{O}(0; \{6^{17}, 3^7, 2^{29}\})$	5592406
6	$\mathcal{O}(0; \{6^{17}, 3^{10}, 2^{25}\})$	44739242
6	$\mathcal{O}(0; \{6^{17}, 3^{13}, 2^{21}\})$	357913942
6	$\mathcal{O}(0; \{6^{17}, 3^{16}, 2^{17}\})$	2863311530
6	$\mathcal{O}(0; \{6^{17}, 3^{19}, 2^{13}\})$	22906492246
6	$\mathcal{O}(0; \{6^{17}, 3^{22}, 2^9\})$	183251937962
6	$\mathcal{O}(0; \{6^{17}, 3^{25}, 2^5\})$	1466015503702
6	$\mathcal{O}(0; \{6^{17}, 3^{28}, 2\})$	11728124029610
6	$\mathcal{O}(0; \{6^{18}, 3^2, 2^{34}\})$	349526
6	$\mathcal{O}(0; \{6^{18}, 3^5, 2^{30}\})$	2796202
6	$\mathcal{O}(0; \{6^{18}, 3^8, 2^{26}\})$	22369622
6	$\mathcal{O}(0; \{6^{18}, 3^{11}, 2^{22}\})$	178956970
6	$\mathcal{O}(0; \{6^{18}, 3^{14}, 2^{18}\})$	1431655766
6	$\mathcal{O}(0; \{6^{18}, 3^{17}, 2^{14}\})$	11453246122
6	$\mathcal{O}(0; \{6^{18}, 3^{20}, 2^{10}\})$	91625968982
6	$\mathcal{O}(0; \{6^{18}, 3^{23}, 2^6\})$	733007751850
6	$\mathcal{O}(0; \{6^{18}, 3^{26}, 2^2\})$	5864062014806
6	$\mathcal{O}(0; \{6^{19}, 2^{35}\})$	174762
6	$\mathcal{O}(0; \{6^{19}, 3^3, 2^{31}\})$	1398102
6	$\mathcal{O}(0; \{6^{19}, 3^6, 2^{27}\})$	11184810
6	$\mathcal{O}(0; \{6^{19}, 3^9, 2^{23}\})$	89478486
6	$\mathcal{O}(0; \{6^{19}, 3^{12}, 2^{19}\})$	715827882
6	$\mathcal{O}(0; \{6^{19}, 3^{15}, 2^{15}\})$	5726623062
6	$\mathcal{O}(0; \{6^{19}, 3^{18}, 2^{11}\})$	45812984490
6	$\mathcal{O}(0; \{6^{19}, 3^{21}, 2^7\})$	366503875926
6	$\mathcal{O}(0; \{6^{19}, 3^{24}, 2^3\})$	2932031007402
6	$\mathcal{O}(0; \{6^{20}, 3, 2^{32}\})$	699050
6	$\mathcal{O}(0; \{6^{20}, 3^4, 2^{28}\})$	5592406
6	$\mathcal{O}(0; \{6^{20}, 3^7, 2^{24}\})$	44739242

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{20}, 3^{10}, 2^{20}\})$	357913942
6	$\mathcal{O}(0; \{6^{20}, 3^{13}, 2^{16}\})$	2863311530
6	$\mathcal{O}(0; \{6^{20}, 3^{16}, 2^{12}\})$	22906492246
6	$\mathcal{O}(0; \{6^{20}, 3^{19}, 2^8\})$	183251937962
6	$\mathcal{O}(0; \{6^{20}, 3^{22}, 2^4\})$	1466015503702
6	$\mathcal{O}(0; \{6^{20}, 3^{25}\})$	11728124029610
6	$\mathcal{O}(0; \{6^{21}, 3^2, 2^{29}\})$	2796202
6	$\mathcal{O}(0; \{6^{21}, 3^5, 2^{25}\})$	22369622
6	$\mathcal{O}(0; \{6^{21}, 3^8, 2^{21}\})$	178956970
6	$\mathcal{O}(0; \{6^{21}, 3^{11}, 2^{17}\})$	1431655766
6	$\mathcal{O}(0; \{6^{21}, 3^{14}, 2^{13}\})$	11453246122
6	$\mathcal{O}(0; \{6^{21}, 3^{17}, 2^9\})$	91625968982
6	$\mathcal{O}(0; \{6^{21}, 3^{20}, 2^5\})$	733007751850
6	$\mathcal{O}(0; \{6^{21}, 3^{23}, 2\})$	5864062014806
6	$\mathcal{O}(0; \{6^{22}, 2^{30}\})$	1398102
6	$\mathcal{O}(0; \{6^{22}, 3^3, 2^{26}\})$	11184810
6	$\mathcal{O}(0; \{6^{22}, 3^6, 2^{22}\})$	89478486
6	$\mathcal{O}(0; \{6^{22}, 3^9, 2^{18}\})$	715827882
6	$\mathcal{O}(0; \{6^{22}, 3^{12}, 2^{14}\})$	5726623062
6	$\mathcal{O}(0; \{6^{22}, 3^{15}, 2^{10}\})$	45812984490
6	$\mathcal{O}(0; \{6^{22}, 3^{18}, 2^6\})$	366503875926
6	$\mathcal{O}(0; \{6^{22}, 3^{21}, 2^2\})$	2932031007402
6	$\mathcal{O}(0; \{6^{23}, 3, 2^{27}\})$	5592406
6	$\mathcal{O}(0; \{6^{23}, 3^4, 2^{23}\})$	44739242
6	$\mathcal{O}(0; \{6^{23}, 3^7, 2^{19}\})$	357913942
6	$\mathcal{O}(0; \{6^{23}, 3^{10}, 2^{15}\})$	2863311530
6	$\mathcal{O}(0; \{6^{23}, 3^{13}, 2^{11}\})$	22906492246
6	$\mathcal{O}(0; \{6^{23}, 3^{16}, 2^7\})$	183251937962
6	$\mathcal{O}(0; \{6^{23}, 3^{19}, 2^3\})$	1466015503702
6	$\mathcal{O}(0; \{6^{24}, 3^2, 2^{24}\})$	22369622
6	$\mathcal{O}(0; \{6^{24}, 3^5, 2^{20}\})$	178956970
6	$\mathcal{O}(0; \{6^{24}, 3^8, 2^{16}\})$	1431655766
6	$\mathcal{O}(0; \{6^{24}, 3^{11}, 2^{12}\})$	11453246122
6	$\mathcal{O}(0; \{6^{24}, 3^{14}, 2^8\})$	91625968982
6	$\mathcal{O}(0; \{6^{24}, 3^{17}, 2^4\})$	733007751850
6	$\mathcal{O}(0; \{6^{24}, 3^{20}\})$	5864062014806
6	$\mathcal{O}(0; \{6^{25}, 2^{25}\})$	11184810
6	$\mathcal{O}(0; \{6^{25}, 3^3, 2^{21}\})$	89478486
6	$\mathcal{O}(0; \{6^{25}, 3^6, 2^{17}\})$	715827882
6	$\mathcal{O}(0; \{6^{25}, 3^9, 2^{13}\})$	5726623062
6	$\mathcal{O}(0; \{6^{25}, 3^{12}, 2^9\})$	45812984490
6	$\mathcal{O}(0; \{6^{25}, 3^{15}, 2^5\})$	366503875926
6	$\mathcal{O}(0; \{6^{25}, 3^{18}, 2\})$	2932031007402

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{26}, 3, 2^{22}\})$	44739242
6	$\mathcal{O}(0; \{6^{26}, 3^4, 2^{18}\})$	357913942
6	$\mathcal{O}(0; \{6^{26}, 3^7, 2^{14}\})$	2863311530
6	$\mathcal{O}(0; \{6^{26}, 3^{10}, 2^{10}\})$	22906492246
6	$\mathcal{O}(0; \{6^{26}, 3^{13}, 2^6\})$	183251937962
6	$\mathcal{O}(0; \{6^{26}, 3^{16}, 2^2\})$	1466015503702
6	$\mathcal{O}(0; \{6^{27}, 3^2, 2^{19}\})$	178956970
6	$\mathcal{O}(0; \{6^{27}, 3^5, 2^{15}\})$	1431655766
6	$\mathcal{O}(0; \{6^{27}, 3^8, 2^{11}\})$	11453246122
6	$\mathcal{O}(0; \{6^{27}, 3^{11}, 2^7\})$	91625968982
6	$\mathcal{O}(0; \{6^{27}, 3^{14}, 2^3\})$	733007751850
6	$\mathcal{O}(0; \{6^{28}, 2^{20}\})$	89478486
6	$\mathcal{O}(0; \{6^{28}, 3^3, 2^{16}\})$	715827882
6	$\mathcal{O}(0; \{6^{28}, 3^6, 2^{12}\})$	5726623062
6	$\mathcal{O}(0; \{6^{28}, 3^9, 2^8\})$	45812984490
6	$\mathcal{O}(0; \{6^{28}, 3^{12}, 2^4\})$	366503875926
6	$\mathcal{O}(0; \{6^{28}, 3^{15}\})$	2932031007402
6	$\mathcal{O}(0; \{6^{29}, 3, 2^{17}\})$	357913942
6	$\mathcal{O}(0; \{6^{29}, 3^4, 2^{13}\})$	2863311530
6	$\mathcal{O}(0; \{6^{29}, 3^7, 2^9\})$	22906492246
6	$\mathcal{O}(0; \{6^{29}, 3^{10}, 2^5\})$	183251937962
6	$\mathcal{O}(0; \{6^{29}, 3^{13}, 2\})$	1466015503702
6	$\mathcal{O}(0; \{6^{30}, 3^2, 2^{14}\})$	1431655766
6	$\mathcal{O}(0; \{6^{30}, 3^5, 2^{10}\})$	11453246122
6	$\mathcal{O}(0; \{6^{30}, 3^8, 2^6\})$	91625968982
6	$\mathcal{O}(0; \{6^{30}, 3^{11}, 2^2\})$	733007751850
6	$\mathcal{O}(0; \{6^{31}, 2^{15}\})$	715827882
6	$\mathcal{O}(0; \{6^{31}, 3^3, 2^{11}\})$	5726623062
6	$\mathcal{O}(0; \{6^{31}, 3^6, 2^7\})$	45812984490
6	$\mathcal{O}(0; \{6^{31}, 3^9, 2^3\})$	366503875926
6	$\mathcal{O}(0; \{6^{32}, 3, 2^{12}\})$	2863311530
6	$\mathcal{O}(0; \{6^{32}, 3^4, 2^8\})$	22906492246
6	$\mathcal{O}(0; \{6^{32}, 3^7, 2^4\})$	183251937962
6	$\mathcal{O}(0; \{6^{32}, 3^{10}\})$	1466015503702
6	$\mathcal{O}(0; \{6^{33}, 3^2, 2^9\})$	11453246122
6	$\mathcal{O}(0; \{6^{33}, 3^5, 2^5\})$	91625968982
6	$\mathcal{O}(0; \{6^{33}, 3^8, 2\})$	733007751850
6	$\mathcal{O}(0; \{6^{34}, 2^{10}\})$	5726623062
6	$\mathcal{O}(0; \{6^{34}, 3^3, 2^6\})$	45812984490
6	$\mathcal{O}(0; \{6^{34}, 3^6, 2^2\})$	366503875926
6	$\mathcal{O}(0; \{6^{35}, 3, 2^7\})$	22906492246
6	$\mathcal{O}(0; \{6^{35}, 3^4, 2^3\})$	183251937962
6	$\mathcal{O}(0; \{6^{36}, 3^2, 2^4\})$	91625968982

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{36}, 3^5\})$	733007751850
6	$\mathcal{O}(0; \{6^{37}, 2^5\})$	45812984490
6	$\mathcal{O}(0; \{6^{37}, 3^3, 2\})$	366503875926
6	$\mathcal{O}(0; \{6^{38}, 3, 2^2\})$	183251937962
6	$\mathcal{O}(0; \{6^{40}\})$	366503875926
7	$\mathcal{O}(11; \{7^8\})$	938145921323293650405354
7	$\mathcal{O}(8; \{7^{15}\})$	2232232135297675356579510
7	$\mathcal{O}(5; \{7^{22}\})$	5311410509521238237281194
7	$\mathcal{O}(2; \{7^{29}\})$	12638059077368590293268470
8	$\mathcal{O}(12; \{4^2\})$	9444732402789337006080
8	$\mathcal{O}(11; \{4^2, 2^4\})$	147573917405304324096
8	$\mathcal{O}(11; \{4^4, 2\})$	590295669621217296384
8	$\mathcal{O}(11; \{8^2, 4, 2^2\})$	590295810358705651712
8	$\mathcal{O}(11; \{8^4\})$	4722366482869645213696
8	$\mathcal{O}(10; \{4^2, 2^8\})$	2305840810190438400
8	$\mathcal{O}(10; \{4^4, 2^5\})$	9223363240761753600
8	$\mathcal{O}(10; \{4^6, 2^2\})$	36893452963047014400
8	$\mathcal{O}(10; \{8^2, 4, 2^6\})$	9223372036854775808
8	$\mathcal{O}(10; \{8^2, 4^3, 2^3\})$	36893488147419103232
8	$\mathcal{O}(10; \{8^2, 4^5\})$	147573952589676412928
8	$\mathcal{O}(10; \{8^4, 2^4\})$	73786976294838206464
8	$\mathcal{O}(10; \{8^4, 4^2, 2\})$	295147905179352825856
8	$\mathcal{O}(9; \{4^2, 2^{12}\})$	36028659580010496
8	$\mathcal{O}(9; \{4^4, 2^9\})$	144114638320041984
8	$\mathcal{O}(9; \{4^6, 2^6\})$	576458553280167936
8	$\mathcal{O}(9; \{4^8, 2^3\})$	2305834213120671744
8	$\mathcal{O}(9; \{4^{10}\})$	9223336852482686976
8	$\mathcal{O}(9; \{8^2, 4, 2^{10}\})$	144115188075855872
8	$\mathcal{O}(9; \{8^2, 4^3, 2^7\})$	576460752303423488
8	$\mathcal{O}(9; \{8^2, 4^5, 2^4\})$	2305843009213693952
8	$\mathcal{O}(9; \{8^2, 4^7, 2\})$	9223372036854775808
8	$\mathcal{O}(9; \{8^4, 2^8\})$	1152921504606846976
8	$\mathcal{O}(9; \{8^4, 4^2, 2^5\})$	4611686018427387904
8	$\mathcal{O}(9; \{8^4, 4^4, 2^2\})$	18446744073709551616
8	$\mathcal{O}(9; \{8^6, 4, 2^3\})$	36893488147419103232
8	$\mathcal{O}(9; \{8^6, 4^3\})$	147573952589676412928
8	$\mathcal{O}(9; \{8^8, 2\})$	295147905179352825856
8	$\mathcal{O}(8; \{4^2, 2^{16}\})$	562941363486720
8	$\mathcal{O}(8; \{4^4, 2^{13}\})$	2251765453946880
8	$\mathcal{O}(8; \{4^6, 2^{10}\})$	9007061815787520
8	$\mathcal{O}(8; \{4^8, 2^7\})$	36028247263150080
8	$\mathcal{O}(8; \{4^{10}, 2^4\})$	144112989052600320
8	$\mathcal{O}(8; \{4^{12}, 2\})$	576451956210401280

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(8; \{8^2, 4, 2^{14}\})$	2251799813685248
8	$\mathcal{O}(8; \{8^2, 4^3, 2^{11}\})$	9007199254740992
8	$\mathcal{O}(8; \{8^2, 4^5, 2^8\})$	36028797018963968
8	$\mathcal{O}(8; \{8^2, 4^7, 2^5\})$	144115188075855872
8	$\mathcal{O}(8; \{8^2, 4^9, 2^2\})$	576460752303423488
8	$\mathcal{O}(8; \{8^4, 2^{12}\})$	18014398509481984
8	$\mathcal{O}(8; \{8^4, 4^2, 2^9\})$	72057594037927936
8	$\mathcal{O}(8; \{8^4, 4^4, 2^6\})$	288230376151711744
8	$\mathcal{O}(8; \{8^4, 4^6, 2^3\})$	1152921504606846976
8	$\mathcal{O}(8; \{8^4, 4^8\})$	4611686018427387904
8	$\mathcal{O}(8; \{8^6, 4, 2^7\})$	576460752303423488
8	$\mathcal{O}(8; \{8^6, 4^3, 2^4\})$	2305843009213693952
8	$\mathcal{O}(8; \{8^6, 4^5, 2\})$	9223372036854775808
8	$\mathcal{O}(8; \{8^8, 2^5\})$	4611686018427387904
8	$\mathcal{O}(8; \{8^8, 4^2, 2^2\})$	18446744073709551616
8	$\mathcal{O}(8; \{8^{10}, 4\})$	147573952589676412928
8	$\mathcal{O}(7; \{4^2, 2^{20}\})$	8795556151296
8	$\mathcal{O}(7; \{4^4, 2^{17}\})$	35182224605184
8	$\mathcal{O}(7; \{4^6, 2^{14}\})$	140728898420736
8	$\mathcal{O}(7; \{4^8, 2^{11}\})$	562915593682944
8	$\mathcal{O}(7; \{4^{10}, 2^8\})$	2251662374731776
8	$\mathcal{O}(7; \{4^{12}, 2^5\})$	9006649498927104
8	$\mathcal{O}(7; \{4^{14}, 2^2\})$	36026597995708416
8	$\mathcal{O}(7; \{8^2, 4, 2^{18}\})$	35184372088832
8	$\mathcal{O}(7; \{8^2, 4^3, 2^{15}\})$	140737488355328
8	$\mathcal{O}(7; \{8^2, 4^5, 2^{12}\})$	562949953421312
8	$\mathcal{O}(7; \{8^2, 4^7, 2^9\})$	2251799813685248
8	$\mathcal{O}(7; \{8^2, 4^9, 2^6\})$	9007199254740992
8	$\mathcal{O}(7; \{8^2, 4^{11}, 2^3\})$	36028797018963968
8	$\mathcal{O}(7; \{8^2, 4^{13}\})$	144115188075855872
8	$\mathcal{O}(7; \{8^4, 2^{16}\})$	281474976710656
8	$\mathcal{O}(7; \{8^4, 4^2, 2^{13}\})$	1125899906842624
8	$\mathcal{O}(7; \{8^4, 4^4, 2^{10}\})$	4503599627370496
8	$\mathcal{O}(7; \{8^4, 4^6, 2^7\})$	18014398509481984
8	$\mathcal{O}(7; \{8^4, 4^8, 2^4\})$	72057594037927936
8	$\mathcal{O}(7; \{8^4, 4^{10}, 2\})$	288230376151711744
8	$\mathcal{O}(7; \{8^6, 4, 2^{11}\})$	9007199254740992
8	$\mathcal{O}(7; \{8^6, 4^3, 2^8\})$	36028797018963968
8	$\mathcal{O}(7; \{8^6, 4^5, 2^5\})$	144115188075855872
8	$\mathcal{O}(7; \{8^6, 4^7, 2^2\})$	576460752303423488
8	$\mathcal{O}(7; \{8^8, 2^9\})$	72057594037927936
8	$\mathcal{O}(7; \{8^8, 4^2, 2^6\})$	288230376151711744
8	$\mathcal{O}(7; \{8^8, 4^4, 2^3\})$	1152921504606846976

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(7; \{8^8, 4^6\})$	4611686018427387904
8	$\mathcal{O}(7; \{8^{10}, 4, 2^4\})$	2305843009213693952
8	$\mathcal{O}(7; \{8^{10}, 4^3, 2\})$	9223372036854775808
8	$\mathcal{O}(7; \{8^{12}, 2^2\})$	18446744073709551616
8	$\mathcal{O}(6; \{4^2, 2^{24}\})$	137405399040
8	$\mathcal{O}(6; \{4^4, 2^{21}\})$	549621596160
8	$\mathcal{O}(6; \{4^6, 2^{18}\})$	2198486384640
8	$\mathcal{O}(6; \{4^8, 2^{15}\})$	8793945538560
8	$\mathcal{O}(6; \{4^{10}, 2^{12}\})$	35175782154240
8	$\mathcal{O}(6; \{4^{12}, 2^9\})$	140703128616960
8	$\mathcal{O}(6; \{4^{14}, 2^6\})$	562812514467840
8	$\mathcal{O}(6; \{4^{16}, 2^3\})$	2251250057871360
8	$\mathcal{O}(6; \{4^{18}\})$	9005000231485440
8	$\mathcal{O}(6; \{8^2, 4, 2^{22}\})$	549755813888
8	$\mathcal{O}(6; \{8^2, 4^3, 2^{19}\})$	2199023255552
8	$\mathcal{O}(6; \{8^2, 4^5, 2^{16}\})$	8796093022208
8	$\mathcal{O}(6; \{8^2, 4^7, 2^{13}\})$	35184372088832
8	$\mathcal{O}(6; \{8^2, 4^9, 2^{10}\})$	140737488355328
8	$\mathcal{O}(6; \{8^2, 4^{11}, 2^7\})$	562949953421312
8	$\mathcal{O}(6; \{8^2, 4^{13}, 2^4\})$	2251799813685248
8	$\mathcal{O}(6; \{8^2, 4^{15}, 2\})$	9007199254740992
8	$\mathcal{O}(6; \{8^4, 2^{20}\})$	4398046511104
8	$\mathcal{O}(6; \{8^4, 4^2, 2^{17}\})$	17592186044416
8	$\mathcal{O}(6; \{8^4, 4^4, 2^{14}\})$	70368744177664
8	$\mathcal{O}(6; \{8^4, 4^6, 2^{11}\})$	281474976710656
8	$\mathcal{O}(6; \{8^4, 4^8, 2^8\})$	1125899906842624
8	$\mathcal{O}(6; \{8^4, 4^{10}, 2^5\})$	4503599627370496
8	$\mathcal{O}(6; \{8^4, 4^{12}, 2^2\})$	18014398509481984
8	$\mathcal{O}(6; \{8^6, 4, 2^{15}\})$	140737488355328
8	$\mathcal{O}(6; \{8^6, 4^3, 2^{12}\})$	562949953421312
8	$\mathcal{O}(6; \{8^6, 4^5, 2^9\})$	2251799813685248
8	$\mathcal{O}(6; \{8^6, 4^7, 2^6\})$	9007199254740992
8	$\mathcal{O}(6; \{8^6, 4^9, 2^3\})$	36028797018963968
8	$\mathcal{O}(6; \{8^6, 4^{11}\})$	144115188075855872
8	$\mathcal{O}(6; \{8^8, 2^{13}\})$	1125899906842624
8	$\mathcal{O}(6; \{8^8, 4^2, 2^{10}\})$	4503599627370496
8	$\mathcal{O}(6; \{8^8, 4^4, 2^7\})$	18014398509481984
8	$\mathcal{O}(6; \{8^8, 4^6, 2^4\})$	72057594037927936
8	$\mathcal{O}(6; \{8^8, 4^8, 2\})$	288230376151711744
8	$\mathcal{O}(6; \{8^{10}, 4, 2^8\})$	36028797018963968
8	$\mathcal{O}(6; \{8^{10}, 4^3, 2^5\})$	144115188075855872
8	$\mathcal{O}(6; \{8^{10}, 4^5, 2^2\})$	576460752303423488
8	$\mathcal{O}(6; \{8^{12}, 2^6\})$	288230376151711744

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(6; \{8^{12}, 4^2, 2^3\})$	1152921504606846976
8	$\mathcal{O}(6; \{8^{12}, 4^4\})$	4611686018427387904
8	$\mathcal{O}(6; \{8^{14}, 4, 2\})$	9223372036854775808
8	$\mathcal{O}(5; \{4^2, 2^{28}\})$	2145386496
8	$\mathcal{O}(5; \{4^4, 2^{25}\})$	8581545984
8	$\mathcal{O}(5; \{4^6, 2^{22}\})$	34326183936
8	$\mathcal{O}(5; \{4^8, 2^{19}\})$	137304735744
8	$\mathcal{O}(5; \{4^{10}, 2^{16}\})$	549218942976
8	$\mathcal{O}(5; \{4^{12}, 2^{13}\})$	2196875771904
8	$\mathcal{O}(5; \{4^{14}, 2^{10}\})$	8787503087616
8	$\mathcal{O}(5; \{4^{16}, 2^7\})$	35150012350464
8	$\mathcal{O}(5; \{4^{18}, 2^4\})$	140600049401856
8	$\mathcal{O}(5; \{4^{20}, 2\})$	562400197607424
8	$\mathcal{O}(5; \{8^2, 4, 2^{26}\})$	8589934592
8	$\mathcal{O}(5; \{8^2, 4^3, 2^{23}\})$	34359738368
8	$\mathcal{O}(5; \{8^2, 4^5, 2^{20}\})$	137438953472
8	$\mathcal{O}(5; \{8^2, 4^7, 2^{17}\})$	549755813888
8	$\mathcal{O}(5; \{8^2, 4^9, 2^{14}\})$	2190023255552
8	$\mathcal{O}(5; \{8^2, 4^{11}, 2^{11}\})$	8796093022208
8	$\mathcal{O}(5; \{8^2, 4^{13}, 2^8\})$	35184372088832
8	$\mathcal{O}(5; \{8^2, 4^{15}, 2^5\})$	140737488355328
8	$\mathcal{O}(5; \{8^2, 4^{17}, 2^2\})$	562949953421312
8	$\mathcal{O}(5; \{8^4, 2^{24}\})$	68719476736
8	$\mathcal{O}(5; \{8^4, 4^2, 2^{21}\})$	274877906944
8	$\mathcal{O}(5; \{8^4, 4^4, 2^{18}\})$	1099511627776
8	$\mathcal{O}(5; \{8^4, 4^6, 2^{15}\})$	4398046511104
8	$\mathcal{O}(5; \{8^4, 4^8, 2^{12}\})$	17592186044416
8	$\mathcal{O}(5; \{8^4, 4^{10}, 2^9\})$	70368744177664
8	$\mathcal{O}(5; \{8^4, 4^{12}, 2^6\})$	281474976710656
8	$\mathcal{O}(5; \{8^4, 4^{14}, 2^3\})$	1125899906842624
8	$\mathcal{O}(5; \{8^4, 4^{16}\})$	4503599627370496
8	$\mathcal{O}(5; \{8^6, 4, 2^{19}\})$	2190023255552
8	$\mathcal{O}(5; \{8^6, 4^3, 2^{16}\})$	8796093022208
8	$\mathcal{O}(5; \{8^6, 4^5, 2^{13}\})$	35184372088832
8	$\mathcal{O}(5; \{8^6, 4^7, 2^{10}\})$	140737488355328
8	$\mathcal{O}(5; \{8^6, 4^9, 2^7\})$	562949953421312
8	$\mathcal{O}(5; \{8^6, 4^{11}, 2^4\})$	2251799813685248
8	$\mathcal{O}(5; \{8^6, 4^{13}, 2\})$	9007199254740992
8	$\mathcal{O}(5; \{8^8, 2^{17}\})$	17592186044416
8	$\mathcal{O}(5; \{8^8, 4^2, 2^{14}\})$	70368744177664
8	$\mathcal{O}(5; \{8^8, 4^4, 2^{11}\})$	281474976710656
8	$\mathcal{O}(5; \{8^8, 4^6, 2^8\})$	1125899906842624
8	$\mathcal{O}(5; \{8^8, 4^8, 2^5\})$	4503599627370496

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(5; \{8^8, 4^{10}, 2^2\})$	18014398509481984
8	$\mathcal{O}(5; \{8^{10}, 4, 2^{12}\})$	562949953421312
8	$\mathcal{O}(5; \{8^{10}, 4^3, 2^9\})$	2251799813685248
8	$\mathcal{O}(5; \{8^{10}, 4^5, 2^6\})$	9007199254740992
8	$\mathcal{O}(5; \{8^{10}, 4^7, 2^3\})$	36028797018963968
8	$\mathcal{O}(5; \{8^{10}, 4^9\})$	144115188075855872
8	$\mathcal{O}(5; \{8^{12}, 2^{10}\})$	4503599627370496
8	$\mathcal{O}(5; \{8^{12}, 4^2, 2^7\})$	18014398509481984
8	$\mathcal{O}(5; \{8^{12}, 4^4, 2^4\})$	72057594037927936
8	$\mathcal{O}(5; \{8^{12}, 4^6, 2\})$	288230376151711744
8	$\mathcal{O}(5; \{8^{14}, 4, 2^5\})$	144115188075855872
8	$\mathcal{O}(5; \{8^{14}, 4^3, 2^2\})$	576460752303423488
8	$\mathcal{O}(5; \{8^{16}, 2^3\})$	1152921504606846976
8	$\mathcal{O}(5; \{8^{16}, 4^2\})$	4611686018427387904
8	$\mathcal{O}(4; \{4^2, 2^{32}\})$	33423360
8	$\mathcal{O}(4; \{4^4, 2^{29}\})$	133693440
8	$\mathcal{O}(4; \{4^6, 2^{26}\})$	534773760
8	$\mathcal{O}(4; \{4^8, 2^{23}\})$	2139095040
8	$\mathcal{O}(4; \{4^{10}, 2^{20}\})$	8556380160
8	$\mathcal{O}(4; \{4^{12}, 2^{17}\})$	34225520640
8	$\mathcal{O}(4; \{4^{14}, 2^{14}\})$	136902082560
8	$\mathcal{O}(4; \{4^{16}, 2^{11}\})$	547608330240
8	$\mathcal{O}(4; \{4^{18}, 2^8\})$	2190433320960
8	$\mathcal{O}(4; \{4^{20}, 2^5\})$	8761733283840
8	$\mathcal{O}(4; \{4^{22}, 2^2\})$	35046933135360
8	$\mathcal{O}(4; \{8^2, 4, 2^{30}\})$	134217728
8	$\mathcal{O}(4; \{8^2, 4^3, 2^{27}\})$	536870912
8	$\mathcal{O}(4; \{8^2, 4^5, 2^{24}\})$	2147483648
8	$\mathcal{O}(4; \{8^2, 4^7, 2^{21}\})$	8589934592
8	$\mathcal{O}(4; \{8^2, 4^9, 2^{18}\})$	34359738368
8	$\mathcal{O}(4; \{8^2, 4^{11}, 2^{15}\})$	137438953472
8	$\mathcal{O}(4; \{8^2, 4^{13}, 2^{12}\})$	549755813888
8	$\mathcal{O}(4; \{8^2, 4^{15}, 2^9\})$	2199023255552
8	$\mathcal{O}(4; \{8^2, 4^{17}, 2^6\})$	8796093022208
8	$\mathcal{O}(4; \{8^2, 4^{19}, 2^3\})$	35184372088832
8	$\mathcal{O}(4; \{8^2, 4^{21}\})$	140737488355328
8	$\mathcal{O}(4; \{8^4, 2^{28}\})$	1073741824
8	$\mathcal{O}(4; \{8^4, 4^2, 2^{25}\})$	4294967296
8	$\mathcal{O}(4; \{8^4, 4^4, 2^{22}\})$	17179869184
8	$\mathcal{O}(4; \{8^4, 4^6, 2^{19}\})$	68719476736
8	$\mathcal{O}(4; \{8^4, 4^8, 2^{16}\})$	274877906944
8	$\mathcal{O}(4; \{8^4, 4^{10}, 2^{13}\})$	1099511627776
8	$\mathcal{O}(4; \{8^4, 4^{12}, 2^{10}\})$	4398046511104

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(4; \{8^4, 4^{14}, 2^7\})$	17592186044416
8	$\mathcal{O}(4; \{8^4, 4^{16}, 2^4\})$	70368744177664
8	$\mathcal{O}(4; \{8^4, 4^{18}, 2\})$	281474976710656
8	$\mathcal{O}(4; \{8^6, 4, 2^{23}\})$	34359738368
8	$\mathcal{O}(4; \{8^6, 4^3, 2^{20}\})$	137438953472
8	$\mathcal{O}(4; \{8^6, 4^5, 2^{17}\})$	549755813888
8	$\mathcal{O}(4; \{8^6, 4^7, 2^{14}\})$	2199023255552
8	$\mathcal{O}(4; \{8^6, 4^9, 2^{11}\})$	8796093022208
8	$\mathcal{O}(4; \{8^6, 4^{11}, 2^8\})$	35184372088832
8	$\mathcal{O}(4; \{8^6, 4^{13}, 2^5\})$	140737488355328
8	$\mathcal{O}(4; \{8^6, 4^{15}, 2^2\})$	562949953421312
8	$\mathcal{O}(4; \{8^8, 2^{21}\})$	274877906944
8	$\mathcal{O}(4; \{8^8, 4^2, 2^{18}\})$	1099511627776
8	$\mathcal{O}(4; \{8^8, 4^4, 2^{15}\})$	4398046511104
8	$\mathcal{O}(4; \{8^8, 4^6, 2^{12}\})$	17592186044416
8	$\mathcal{O}(4; \{8^8, 4^8, 2^9\})$	70368744177664
8	$\mathcal{O}(4; \{8^8, 4^{10}, 2^6\})$	281474976710656
8	$\mathcal{O}(4; \{8^8, 4^{12}, 2^3\})$	1125899906842624
8	$\mathcal{O}(4; \{8^8, 4^{14}\})$	4503599627370496
8	$\mathcal{O}(4; \{8^{10}, 4, 2^{16}\})$	8796093022208
8	$\mathcal{O}(4; \{8^{10}, 4^3, 2^{13}\})$	35184372088832
8	$\mathcal{O}(4; \{8^{10}, 4^5, 2^{10}\})$	140737488355328
8	$\mathcal{O}(4; \{8^{10}, 4^7, 2^7\})$	562949953421312
8	$\mathcal{O}(4; \{8^{10}, 4^9, 2^4\})$	2251799813685248
8	$\mathcal{O}(4; \{8^{10}, 4^{11}, 2\})$	9007199254740992
8	$\mathcal{O}(4; \{8^{12}, 2^{14}\})$	70368744177664
8	$\mathcal{O}(4; \{8^{12}, 4^2, 2^{11}\})$	281474976710656
8	$\mathcal{O}(4; \{8^{12}, 4^4, 2^8\})$	1125899906842624
8	$\mathcal{O}(4; \{8^{12}, 4^6, 2^5\})$	4503599627370496
8	$\mathcal{O}(4; \{8^{12}, 4^8, 2^2\})$	18014398509481984
8	$\mathcal{O}(4; \{8^{14}, 4, 2^9\})$	2251799813685248
8	$\mathcal{O}(4; \{8^{14}, 4^3, 2^6\})$	9007199254740992
8	$\mathcal{O}(4; \{8^{14}, 4^5, 2^3\})$	36028797018963968
8	$\mathcal{O}(4; \{8^{14}, 4^7\})$	144115188075855872
8	$\mathcal{O}(4; \{8^{16}, 2^7\})$	18014398509481984
8	$\mathcal{O}(4; \{8^{16}, 4^2, 2^4\})$	72057594037927936
8	$\mathcal{O}(4; \{8^{16}, 4^4, 2\})$	288230376151711744
8	$\mathcal{O}(4; \{8^{18}, 4, 2^2\})$	576460752303423488
8	$\mathcal{O}(4; \{8^{20}\})$	4611686018427387904
8	$\mathcal{O}(3; \{4^2, 2^{36}\})$	516096
8	$\mathcal{O}(3; \{4^4, 2^{33}\})$	2064384
8	$\mathcal{O}(3; \{4^6, 2^{30}\})$	8257536
8	$\mathcal{O}(3; \{4^8, 2^{27}\})$	33030144

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(3; \{4^{10}, 2^{24}\})$	132120576
8	$\mathcal{O}(3; \{4^{12}, 2^{21}\})$	528482304
8	$\mathcal{O}(3; \{4^{14}, 2^{18}\})$	2113929216
8	$\mathcal{O}(3; \{4^{16}, 2^{15}\})$	8455716864
8	$\mathcal{O}(3; \{4^{18}, 2^{12}\})$	33822867456
8	$\mathcal{O}(3; \{4^{20}, 2^9\})$	135291469824
8	$\mathcal{O}(3; \{4^{22}, 2^6\})$	541165879296
8	$\mathcal{O}(3; \{4^{24}, 2^3\})$	2164663517184
8	$\mathcal{O}(3; \{4^{26}\})$	8658654068736
8	$\mathcal{O}(3; \{8^2, 4, 2^{34}\})$	2097152
8	$\mathcal{O}(3; \{8^2, 4^3, 2^{31}\})$	8388608
8	$\mathcal{O}(3; \{8^2, 4^5, 2^{28}\})$	33554432
8	$\mathcal{O}(3; \{8^2, 4^7, 2^{25}\})$	134217728
8	$\mathcal{O}(3; \{8^2, 4^9, 2^{22}\})$	536870912
8	$\mathcal{O}(3; \{8^2, 4^{11}, 2^{19}\})$	2147483648
8	$\mathcal{O}(3; \{8^2, 4^{13}, 2^{16}\})$	8589934592
8	$\mathcal{O}(3; \{8^2, 4^{15}, 2^{13}\})$	34359738368
8	$\mathcal{O}(3; \{8^2, 4^{17}, 2^{10}\})$	137438953472
8	$\mathcal{O}(3; \{8^2, 4^{19}, 2^7\})$	549755813888
8	$\mathcal{O}(3; \{8^2, 4^{21}, 2^4\})$	2199023255552
8	$\mathcal{O}(3; \{8^2, 4^{23}, 2\})$	8796093022208
8	$\mathcal{O}(3; \{8^4, 2^{32}\})$	16777216
8	$\mathcal{O}(3; \{8^4, 4^2, 2^{29}\})$	67108864
8	$\mathcal{O}(3; \{8^4, 4^4, 2^{26}\})$	268435456
8	$\mathcal{O}(3; \{8^4, 4^6, 2^{23}\})$	1073741824
8	$\mathcal{O}(3; \{8^4, 4^8, 2^{20}\})$	4294967296
8	$\mathcal{O}(3; \{8^4, 4^{10}, 2^{17}\})$	17179869184
8	$\mathcal{O}(3; \{8^4, 4^{12}, 2^{14}\})$	68719476736
8	$\mathcal{O}(3; \{8^4, 4^{14}, 2^{11}\})$	274877906944
8	$\mathcal{O}(3; \{8^4, 4^{16}, 2^8\})$	1099511627776
8	$\mathcal{O}(3; \{8^4, 4^{18}, 2^5\})$	4398046511104
8	$\mathcal{O}(3; \{8^4, 4^{20}, 2^2\})$	17592186044416
8	$\mathcal{O}(3; \{8^6, 4, 2^{27}\})$	536870912
8	$\mathcal{O}(3; \{8^6, 4^3, 2^{24}\})$	2147483648
8	$\mathcal{O}(3; \{8^6, 4^5, 2^{21}\})$	8589934592
8	$\mathcal{O}(3; \{8^6, 4^7, 2^{18}\})$	34359738368
8	$\mathcal{O}(3; \{8^6, 4^9, 2^{15}\})$	137438953472
8	$\mathcal{O}(3; \{8^6, 4^{11}, 2^{12}\})$	549755813888
8	$\mathcal{O}(3; \{8^6, 4^{13}, 2^9\})$	2199023255552
8	$\mathcal{O}(3; \{8^6, 4^{15}, 2^6\})$	8796093022208
8	$\mathcal{O}(3; \{8^6, 4^{17}, 2^3\})$	35184372088832
8	$\mathcal{O}(3; \{8^6, 4^{19}\})$	140737488355328
8	$\mathcal{O}(3; \{8^8, 2^{25}\})$	4294967296

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(3; \{8^8, 4^2, 2^{22}\})$	17179869184
8	$\mathcal{O}(3; \{8^8, 4^4, 2^{19}\})$	68719476736
8	$\mathcal{O}(3; \{8^8, 4^6, 2^{16}\})$	274877906944
8	$\mathcal{O}(3; \{8^8, 4^8, 2^{13}\})$	1099511627776
8	$\mathcal{O}(3; \{8^8, 4^{10}, 2^{10}\})$	4398046511104
8	$\mathcal{O}(3; \{8^8, 4^{12}, 2^7\})$	17592186044416
8	$\mathcal{O}(3; \{8^8, 4^{14}, 2^4\})$	70368744177664
8	$\mathcal{O}(3; \{8^8, 4^{16}, 2\})$	281474976710656
8	$\mathcal{O}(3; \{8^{10}, 4, 2^{20}\})$	137438953472
8	$\mathcal{O}(3; \{8^{10}, 4^3, 2^{17}\})$	549755813888
8	$\mathcal{O}(3; \{8^{10}, 4^5, 2^{14}\})$	2199023255552
8	$\mathcal{O}(3; \{8^{10}, 4^7, 2^{11}\})$	8796093022208
8	$\mathcal{O}(3; \{8^{10}, 4^9, 2^8\})$	35184372088832
8	$\mathcal{O}(3; \{8^{10}, 4^{11}, 2^5\})$	140737488355328
8	$\mathcal{O}(3; \{8^{10}, 4^{13}, 2^2\})$	562949953421312
8	$\mathcal{O}(3; \{8^{12}, 2^{18}\})$	1099511627776
8	$\mathcal{O}(3; \{8^{12}, 4^2, 2^{15}\})$	4398046511104
8	$\mathcal{O}(3; \{8^{12}, 4^4, 2^{12}\})$	17592186044416
8	$\mathcal{O}(3; \{8^{12}, 4^6, 2^9\})$	70368744177664
8	$\mathcal{O}(3; \{8^{12}, 4^8, 2^6\})$	281474976710656
8	$\mathcal{O}(3; \{8^{12}, 4^{10}, 2^3\})$	112589906842624
8	$\mathcal{O}(3; \{8^{12}, 4^{12}\})$	4503599627370496
8	$\mathcal{O}(3; \{8^{14}, 4, 2^{13}\})$	35184372088832
8	$\mathcal{O}(3; \{8^{14}, 4^3, 2^{10}\})$	140737488355328
8	$\mathcal{O}(3; \{8^{14}, 4^5, 2^7\})$	562949953421312
8	$\mathcal{O}(3; \{8^{14}, 4^7, 2^4\})$	2251799813685248
8	$\mathcal{O}(3; \{8^{14}, 4^9, 2\})$	9007199254740992
8	$\mathcal{O}(3; \{8^{16}, 2^{11}\})$	281474976710656
8	$\mathcal{O}(3; \{8^{16}, 4^2, 2^8\})$	112589906842624
8	$\mathcal{O}(3; \{8^{16}, 4^4, 2^5\})$	4503599627370496
8	$\mathcal{O}(3; \{8^{16}, 4^6, 2^2\})$	18014398509481984
8	$\mathcal{O}(3; \{8^{18}, 4, 2^6\})$	9007199254740992
8	$\mathcal{O}(3; \{8^{18}, 4^3, 2^3\})$	36028797018963968
8	$\mathcal{O}(3; \{8^{18}, 4^5\})$	144115188075855872
8	$\mathcal{O}(3; \{8^{20}, 2^4\})$	72057594037927936
8	$\mathcal{O}(3; \{8^{20}, 4^2, 2\})$	288230376151711744
8	$\mathcal{O}(2; \{4^2, 2^{40}\})$	7680
8	$\mathcal{O}(2; \{4^4, 2^{37}\})$	30720
8	$\mathcal{O}(2; \{4^6, 2^{34}\})$	122880
8	$\mathcal{O}(2; \{4^8, 2^{31}\})$	491520
8	$\mathcal{O}(2; \{4^{10}, 2^{28}\})$	1966080
8	$\mathcal{O}(2; \{4^{12}, 2^{25}\})$	7864320
8	$\mathcal{O}(2; \{4^{14}, 2^{22}\})$	31457280

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{4^{16}, 2^{19}\})$	125829120
8	$\mathcal{O}(2; \{4^{18}, 2^{16}\})$	503316480
8	$\mathcal{O}(2; \{4^{20}, 2^{13}\})$	2013265920
8	$\mathcal{O}(2; \{4^{22}, 2^{10}\})$	8053063680
8	$\mathcal{O}(2; \{4^{24}, 2^7\})$	32212254720
8	$\mathcal{O}(2; \{4^{26}, 2^4\})$	128849018880
8	$\mathcal{O}(2; \{4^{28}, 2\})$	515396075520
8	$\mathcal{O}(2; \{8^2, 4, 2^{38}\})$	32768
8	$\mathcal{O}(2; \{8^2, 4^3, 2^{35}\})$	131072
8	$\mathcal{O}(2; \{8^2, 4^5, 2^{32}\})$	524288
8	$\mathcal{O}(2; \{8^2, 4^7, 2^{29}\})$	2097152
8	$\mathcal{O}(2; \{8^2, 4^9, 2^{26}\})$	8388608
8	$\mathcal{O}(2; \{8^2, 4^{11}, 2^{23}\})$	33554432
8	$\mathcal{O}(2; \{8^2, 4^{13}, 2^{20}\})$	134217728
8	$\mathcal{O}(2; \{8^2, 4^{15}, 2^{17}\})$	536870912
8	$\mathcal{O}(2; \{8^2, 4^{17}, 2^{14}\})$	2147483648
8	$\mathcal{O}(2; \{8^2, 4^{19}, 2^{11}\})$	8589934592
8	$\mathcal{O}(2; \{8^2, 4^{21}, 2^8\})$	34359738368
8	$\mathcal{O}(2; \{8^2, 4^{23}, 2^5\})$	137438953472
8	$\mathcal{O}(2; \{8^2, 4^{25}, 2^2\})$	549755813888
8	$\mathcal{O}(2; \{8^4, 2^{36}\})$	262144
8	$\mathcal{O}(2; \{8^4, 4^2, 2^{33}\})$	1048576
8	$\mathcal{O}(2; \{8^4, 4^4, 2^{30}\})$	4194304
8	$\mathcal{O}(2; \{8^4, 4^6, 2^{27}\})$	16777216
8	$\mathcal{O}(2; \{8^4, 4^8, 2^{24}\})$	67108864
8	$\mathcal{O}(2; \{8^4, 4^{10}, 2^{21}\})$	268435456
8	$\mathcal{O}(2; \{8^4, 4^{12}, 2^{18}\})$	1073741824
8	$\mathcal{O}(2; \{8^4, 4^{14}, 2^{15}\})$	4294967296
8	$\mathcal{O}(2; \{8^4, 4^{16}, 2^{12}\})$	17179869184
8	$\mathcal{O}(2; \{8^4, 4^{18}, 2^9\})$	68719476736
8	$\mathcal{O}(2; \{8^4, 4^{20}, 2^6\})$	274877906944
8	$\mathcal{O}(2; \{8^4, 4^{22}, 2^3\})$	1099511627776
8	$\mathcal{O}(2; \{8^4, 4^{24}\})$	4398046511104
8	$\mathcal{O}(2; \{8^6, 4, 2^{31}\})$	8388608
8	$\mathcal{O}(2; \{8^6, 4^3, 2^{28}\})$	33554432
8	$\mathcal{O}(2; \{8^6, 4^5, 2^{25}\})$	134217728
8	$\mathcal{O}(2; \{8^6, 4^7, 2^{22}\})$	536870912
8	$\mathcal{O}(2; \{8^6, 4^9, 2^{19}\})$	2147483648
8	$\mathcal{O}(2; \{8^6, 4^{11}, 2^{16}\})$	8589934592
8	$\mathcal{O}(2; \{8^6, 4^{13}, 2^{13}\})$	34359738368
8	$\mathcal{O}(2; \{8^6, 4^{15}, 2^{10}\})$	137438953472
8	$\mathcal{O}(2; \{8^6, 4^{17}, 2^7\})$	549755813888
8	$\mathcal{O}(2; \{8^6, 4^{19}, 2^4\})$	2199023255552

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{8^6, 4^{21}, 2\})$	8796093022208
8	$\mathcal{O}(2; \{8^8, 2^{29}\})$	67108864
8	$\mathcal{O}(2; \{8^8, 4^2, 2^{26}\})$	268435456
8	$\mathcal{O}(2; \{8^8, 4^4, 2^{23}\})$	1073741824
8	$\mathcal{O}(2; \{8^8, 4^6, 2^{20}\})$	4294967296
8	$\mathcal{O}(2; \{8^8, 4^8, 2^{17}\})$	17179869184
8	$\mathcal{O}(2; \{8^8, 4^{10}, 2^{14}\})$	68719476736
8	$\mathcal{O}(2; \{8^8, 4^{12}, 2^{11}\})$	274877906944
8	$\mathcal{O}(2; \{8^8, 4^{14}, 2^8\})$	1099511627776
8	$\mathcal{O}(2; \{8^8, 4^{16}, 2^5\})$	4398046511104
8	$\mathcal{O}(2; \{8^8, 4^{18}, 2^2\})$	17592186044416
8	$\mathcal{O}(2; \{8^{10}, 4, 2^{24}\})$	2147483648
8	$\mathcal{O}(2; \{8^{10}, 4^3, 2^{21}\})$	8589934592
8	$\mathcal{O}(2; \{8^{10}, 4^5, 2^{18}\})$	34359738368
8	$\mathcal{O}(2; \{8^{10}, 4^7, 2^{15}\})$	137438953472
8	$\mathcal{O}(2; \{8^{10}, 4^9, 2^{12}\})$	549755813888
8	$\mathcal{O}(2; \{8^{10}, 4^{11}, 2^9\})$	2199023255552
8	$\mathcal{O}(2; \{8^{10}, 4^{13}, 2^6\})$	8796093022208
8	$\mathcal{O}(2; \{8^{10}, 4^{15}, 2^3\})$	35184372088832
8	$\mathcal{O}(2; \{8^{10}, 4^{17}\})$	140737488355328
8	$\mathcal{O}(2; \{8^{12}, 2^{22}\})$	17179869184
8	$\mathcal{O}(2; \{8^{12}, 4^2, 2^{19}\})$	68719476736
8	$\mathcal{O}(2; \{8^{12}, 4^4, 2^{16}\})$	274877906944
8	$\mathcal{O}(2; \{8^{12}, 4^6, 2^{13}\})$	1099511627776
8	$\mathcal{O}(2; \{8^{12}, 4^8, 2^{10}\})$	4398046511104
8	$\mathcal{O}(2; \{8^{12}, 4^{10}, 2^7\})$	17592186044416
8	$\mathcal{O}(2; \{8^{12}, 4^{12}, 2^4\})$	70368744177664
8	$\mathcal{O}(2; \{8^{12}, 4^{14}, 2\})$	281474976710656
8	$\mathcal{O}(2; \{8^{14}, 4, 2^{17}\})$	549755813888
8	$\mathcal{O}(2; \{8^{14}, 4^3, 2^{14}\})$	2199023255552
8	$\mathcal{O}(2; \{8^{14}, 4^5, 2^{11}\})$	8796093022208
8	$\mathcal{O}(2; \{8^{14}, 4^7, 2^8\})$	35184372088832
8	$\mathcal{O}(2; \{8^{14}, 4^9, 2^5\})$	140737488355328
8	$\mathcal{O}(2; \{8^{14}, 4^{11}, 2^2\})$	562949953421312
8	$\mathcal{O}(2; \{8^{16}, 2^{15}\})$	4398046511104
8	$\mathcal{O}(2; \{8^{16}, 4^2, 2^{12}\})$	17592186044416
8	$\mathcal{O}(2; \{8^{16}, 4^4, 2^9\})$	70368744177664
8	$\mathcal{O}(2; \{8^{16}, 4^6, 2^6\})$	281474976710656
8	$\mathcal{O}(2; \{8^{16}, 4^8, 2^3\})$	1125899906842624
8	$\mathcal{O}(2; \{8^{16}, 4^{10}\})$	4503599627370496
8	$\mathcal{O}(2; \{8^{18}, 4, 2^{10}\})$	140737488355328
8	$\mathcal{O}(2; \{8^{18}, 4^3, 2^7\})$	562949953421312
8	$\mathcal{O}(2; \{8^{18}, 4^5, 2^4\})$	2251799813685248

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{8^{18}, 4^7, 2\})$	9007199254740992
8	$\mathcal{O}(2; \{8^{20}, 2^8\})$	1125899906842624
8	$\mathcal{O}(2; \{8^{20}, 4^2, 2^5\})$	4503599627370496
8	$\mathcal{O}(2; \{8^{20}, 4^4, 2^2\})$	18014398509481984
8	$\mathcal{O}(2; \{8^{22}, 4, 2^3\})$	36028797018963968
8	$\mathcal{O}(2; \{8^{22}, 4^3\})$	144115188075855872
8	$\mathcal{O}(2; \{8^{24}, 2\})$	288230376151711744
8	$\mathcal{O}(1; \{4^2, 2^{44}\})$	96
8	$\mathcal{O}(1; \{4^4, 2^{41}\})$	384
8	$\mathcal{O}(1; \{4^6, 2^{38}\})$	1536
8	$\mathcal{O}(1; \{4^8, 2^{35}\})$	6144
8	$\mathcal{O}(1; \{4^{10}, 2^{32}\})$	24576
8	$\mathcal{O}(1; \{4^{12}, 2^{29}\})$	98304
8	$\mathcal{O}(1; \{4^{14}, 2^{26}\})$	393216
8	$\mathcal{O}(1; \{4^{16}, 2^{23}\})$	1572864
8	$\mathcal{O}(1; \{4^{18}, 2^{20}\})$	6291456
8	$\mathcal{O}(1; \{4^{20}, 2^{17}\})$	25165824
8	$\mathcal{O}(1; \{4^{22}, 2^{14}\})$	100663296
8	$\mathcal{O}(1; \{4^{24}, 2^{11}\})$	402653184
8	$\mathcal{O}(1; \{4^{26}, 2^8\})$	1610612736
8	$\mathcal{O}(1; \{4^{28}, 2^5\})$	6442450944
8	$\mathcal{O}(1; \{4^{30}, 2^2\})$	25769803776
8	$\mathcal{O}(1; \{8^2, 4, 2^{42}\})$	512
8	$\mathcal{O}(1; \{8^2, 4^3, 2^{39}\})$	2048
8	$\mathcal{O}(1; \{8^2, 4^5, 2^{36}\})$	8192
8	$\mathcal{O}(1; \{8^2, 4^7, 2^{33}\})$	32768
8	$\mathcal{O}(1; \{8^2, 4^9, 2^{30}\})$	131072
8	$\mathcal{O}(1; \{8^2, 4^{11}, 2^{27}\})$	524288
8	$\mathcal{O}(1; \{8^2, 4^{13}, 2^{24}\})$	2097152
8	$\mathcal{O}(1; \{8^2, 4^{15}, 2^{21}\})$	8388608
8	$\mathcal{O}(1; \{8^2, 4^{17}, 2^{18}\})$	33554432
8	$\mathcal{O}(1; \{8^2, 4^{19}, 2^{15}\})$	134217728
8	$\mathcal{O}(1; \{8^2, 4^{21}, 2^{12}\})$	536870912
8	$\mathcal{O}(1; \{8^2, 4^{23}, 2^9\})$	2147483648
8	$\mathcal{O}(1; \{8^2, 4^{25}, 2^6\})$	8589934592
8	$\mathcal{O}(1; \{8^2, 4^{27}, 2^3\})$	34359738368
8	$\mathcal{O}(1; \{8^2, 4^{29}\})$	137438953472
8	$\mathcal{O}(1; \{8^4, 2^{40}\})$	4096
8	$\mathcal{O}(1; \{8^4, 4^2, 2^{37}\})$	16384
8	$\mathcal{O}(1; \{8^4, 4^4, 2^{34}\})$	65536
8	$\mathcal{O}(1; \{8^4, 4^6, 2^{31}\})$	262144
8	$\mathcal{O}(1; \{8^4, 4^8, 2^{28}\})$	1048576
8	$\mathcal{O}(1; \{8^4, 4^{10}, 2^{25}\})$	4194304

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{8^4, 4^{12}, 2^{22}\})$	16777216
8	$\mathcal{O}(1; \{8^4, 4^{14}, 2^{19}\})$	67108864
8	$\mathcal{O}(1; \{8^4, 4^{16}, 2^{16}\})$	268435456
8	$\mathcal{O}(1; \{8^4, 4^{18}, 2^{13}\})$	1073741824
8	$\mathcal{O}(1; \{8^4, 4^{20}, 2^{10}\})$	4294967296
8	$\mathcal{O}(1; \{8^4, 4^{22}, 2^7\})$	17179869184
8	$\mathcal{O}(1; \{8^4, 4^{24}, 2^4\})$	68719476736
8	$\mathcal{O}(1; \{8^4, 4^{26}, 2\})$	274877906944
8	$\mathcal{O}(1; \{8^6, 4, 2^{35}\})$	131072
8	$\mathcal{O}(1; \{8^6, 4^3, 2^{32}\})$	524288
8	$\mathcal{O}(1; \{8^6, 4^5, 2^{29}\})$	2097152
8	$\mathcal{O}(1; \{8^6, 4^7, 2^{26}\})$	8388608
8	$\mathcal{O}(1; \{8^6, 4^9, 2^{23}\})$	33554432
8	$\mathcal{O}(1; \{8^6, 4^{11}, 2^{20}\})$	134217728
8	$\mathcal{O}(1; \{8^6, 4^{13}, 2^{17}\})$	536870912
8	$\mathcal{O}(1; \{8^6, 4^{15}, 2^{14}\})$	2147483648
8	$\mathcal{O}(1; \{8^6, 4^{17}, 2^{11}\})$	8589934592
8	$\mathcal{O}(1; \{8^6, 4^{19}, 2^8\})$	34359738368
8	$\mathcal{O}(1; \{8^6, 4^{21}, 2^5\})$	137438953472
8	$\mathcal{O}(1; \{8^6, 4^{23}, 2^2\})$	549755813888
8	$\mathcal{O}(1; \{8^8, 2^{33}\})$	1048576
8	$\mathcal{O}(1; \{8^8, 4^2, 2^{30}\})$	4194304
8	$\mathcal{O}(1; \{8^8, 4^4, 2^{27}\})$	16777216
8	$\mathcal{O}(1; \{8^8, 4^6, 2^{24}\})$	67108864
8	$\mathcal{O}(1; \{8^8, 4^8, 2^{21}\})$	268435456
8	$\mathcal{O}(1; \{8^8, 4^{10}, 2^{18}\})$	1073741824
8	$\mathcal{O}(1; \{8^8, 4^{12}, 2^{15}\})$	4294967296
8	$\mathcal{O}(1; \{8^8, 4^{14}, 2^{12}\})$	17179869184
8	$\mathcal{O}(1; \{8^8, 4^{16}, 2^9\})$	68719476736
8	$\mathcal{O}(1; \{8^8, 4^{18}, 2^6\})$	274877906944
8	$\mathcal{O}(1; \{8^8, 4^{20}, 2^3\})$	1099511627776
8	$\mathcal{O}(1; \{8^8, 4^{22}\})$	4398046511104
8	$\mathcal{O}(1; \{8^{10}, 4, 2^{28}\})$	33554432
8	$\mathcal{O}(1; \{8^{10}, 4^3, 2^{25}\})$	134217728
8	$\mathcal{O}(1; \{8^{10}, 4^5, 2^{22}\})$	536870912
8	$\mathcal{O}(1; \{8^{10}, 4^7, 2^{19}\})$	2147483648
8	$\mathcal{O}(1; \{8^{10}, 4^9, 2^{16}\})$	8589934592
8	$\mathcal{O}(1; \{8^{10}, 4^{11}, 2^{13}\})$	34359738368
8	$\mathcal{O}(1; \{8^{10}, 4^{13}, 2^{10}\})$	137438953472
8	$\mathcal{O}(1; \{8^{10}, 4^{15}, 2^7\})$	549755813888
8	$\mathcal{O}(1; \{8^{10}, 4^{17}, 2^4\})$	2199023255552
8	$\mathcal{O}(1; \{8^{10}, 4^{19}, 2\})$	8796093022208
8	$\mathcal{O}(1; \{8^{12}, 2^{26}\})$	268435456

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{8^{12}, 4^2, 2^{23}\})$	1073741824
8	$\mathcal{O}(1; \{8^{12}, 4^4, 2^{20}\})$	4294967296
8	$\mathcal{O}(1; \{8^{12}, 4^6, 2^{17}\})$	17179869184
8	$\mathcal{O}(1; \{8^{12}, 4^8, 2^{14}\})$	68719476736
8	$\mathcal{O}(1; \{8^{12}, 4^{10}, 2^{11}\})$	274877906944
8	$\mathcal{O}(1; \{8^{12}, 4^{12}, 2^8\})$	1099511627776
8	$\mathcal{O}(1; \{8^{12}, 4^{14}, 2^5\})$	4398046511104
8	$\mathcal{O}(1; \{8^{12}, 4^{16}, 2^2\})$	17592186044416
8	$\mathcal{O}(1; \{8^{14}, 4, 2^{21}\})$	8589934592
8	$\mathcal{O}(1; \{8^{14}, 4^3, 2^{18}\})$	34359738368
8	$\mathcal{O}(1; \{8^{14}, 4^5, 2^{15}\})$	137438953472
8	$\mathcal{O}(1; \{8^{14}, 4^7, 2^{12}\})$	549755813888
8	$\mathcal{O}(1; \{8^{14}, 4^9, 2^9\})$	2199023255552
8	$\mathcal{O}(1; \{8^{14}, 4^{11}, 2^6\})$	8796093022208
8	$\mathcal{O}(1; \{8^{14}, 4^{13}, 2^3\})$	35184372088832
8	$\mathcal{O}(1; \{8^{14}, 4^{15}\})$	140737488355328
8	$\mathcal{O}(1; \{8^{16}, 2^{19}\})$	68719476736
8	$\mathcal{O}(1; \{8^{16}, 4^2, 2^{16}\})$	274877906944
8	$\mathcal{O}(1; \{8^{16}, 4^4, 2^{13}\})$	1099511627776
8	$\mathcal{O}(1; \{8^{16}, 4^6, 2^{10}\})$	4398046511104
8	$\mathcal{O}(1; \{8^{16}, 4^8, 2^7\})$	17592186044416
8	$\mathcal{O}(1; \{8^{16}, 4^{10}, 2^4\})$	70368744177664
8	$\mathcal{O}(1; \{8^{16}, 4^{12}, 2\})$	281474976710656
8	$\mathcal{O}(1; \{8^{18}, 4, 2^{14}\})$	2199023255552
8	$\mathcal{O}(1; \{8^{18}, 4^3, 2^{11}\})$	8796093022208
8	$\mathcal{O}(1; \{8^{18}, 4^5, 2^8\})$	35184372088832
8	$\mathcal{O}(1; \{8^{18}, 4^7, 2^5\})$	140737488355328
8	$\mathcal{O}(1; \{8^{18}, 4^9, 2^2\})$	562949953421312
8	$\mathcal{O}(1; \{8^{20}, 2^{12}\})$	17592186044416
8	$\mathcal{O}(1; \{8^{20}, 4^2, 2^9\})$	70368744177664
8	$\mathcal{O}(1; \{8^{20}, 4^4, 2^6\})$	281474976710656
8	$\mathcal{O}(1; \{8^{20}, 4^6, 2^3\})$	1125899906842624
8	$\mathcal{O}(1; \{8^{20}, 4^8\})$	4503599627370496
8	$\mathcal{O}(1; \{8^{22}, 4, 2^7\})$	562949953421312
8	$\mathcal{O}(1; \{8^{22}, 4^3, 2^4\})$	2251799813685248
8	$\mathcal{O}(1; \{8^{22}, 4^5, 2\})$	9007199254740992
8	$\mathcal{O}(1; \{8^{24}, 2^5\})$	4503599627370496
8	$\mathcal{O}(1; \{8^{24}, 4^2, 2^2\})$	18014398509481984
8	$\mathcal{O}(1; \{8^{26}, 4\})$	144115188075855872
8	$\mathcal{O}(0; \{8^2, 4, 2^{46}\})$	8
8	$\mathcal{O}(0; \{8^2, 4^3, 2^{43}\})$	32
8	$\mathcal{O}(0; \{8^2, 4^5, 2^{40}\})$	128
8	$\mathcal{O}(0; \{8^2, 4^7, 2^{37}\})$	512

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{8^2, 4^9, 2^{34}\})$	2048
8	$\mathcal{O}(0; \{8^2, 4^{11}, 2^{31}\})$	8192
8	$\mathcal{O}(0; \{8^2, 4^{13}, 2^{28}\})$	32768
8	$\mathcal{O}(0; \{8^2, 4^{15}, 2^{25}\})$	131072
8	$\mathcal{O}(0; \{8^2, 4^{17}, 2^{22}\})$	524288
8	$\mathcal{O}(0; \{8^2, 4^{19}, 2^{19}\})$	2097152
8	$\mathcal{O}(0; \{8^2, 4^{21}, 2^{16}\})$	8388608
8	$\mathcal{O}(0; \{8^2, 4^{23}, 2^{13}\})$	33554432
8	$\mathcal{O}(0; \{8^2, 4^{25}, 2^{10}\})$	134217728
8	$\mathcal{O}(0; \{8^2, 4^{27}, 2^7\})$	536870912
8	$\mathcal{O}(0; \{8^2, 4^{29}, 2^4\})$	2147483648
8	$\mathcal{O}(0; \{8^2, 4^{31}, 2\})$	8589934592
8	$\mathcal{O}(0; \{8^4, 2^{44}\})$	64
8	$\mathcal{O}(0; \{8^4, 4^2, 2^{41}\})$	256
8	$\mathcal{O}(0; \{8^4, 4^4, 2^{38}\})$	1024
8	$\mathcal{O}(0; \{8^4, 4^6, 2^{35}\})$	4096
8	$\mathcal{O}(0; \{8^4, 4^8, 2^{32}\})$	16384
8	$\mathcal{O}(0; \{8^4, 4^{10}, 2^{29}\})$	65536
8	$\mathcal{O}(0; \{8^4, 4^{12}, 2^{26}\})$	262144
8	$\mathcal{O}(0; \{8^4, 4^{14}, 2^{23}\})$	1048576
8	$\mathcal{O}(0; \{8^4, 4^{16}, 2^{20}\})$	4194304
8	$\mathcal{O}(0; \{8^4, 4^{18}, 2^{17}\})$	16777216
8	$\mathcal{O}(0; \{8^4, 4^{20}, 2^{14}\})$	67108864
8	$\mathcal{O}(0; \{8^4, 4^{22}, 2^{11}\})$	268435456
8	$\mathcal{O}(0; \{8^4, 4^{24}, 2^8\})$	1073741824
8	$\mathcal{O}(0; \{8^4, 4^{26}, 2^5\})$	4294967296
8	$\mathcal{O}(0; \{8^4, 4^{28}, 2^2\})$	17179869184
8	$\mathcal{O}(0; \{8^6, 4, 2^{39}\})$	2048
8	$\mathcal{O}(0; \{8^6, 4^3, 2^{36}\})$	8192
8	$\mathcal{O}(0; \{8^6, 4^5, 2^{33}\})$	32768
8	$\mathcal{O}(0; \{8^6, 4^7, 2^{30}\})$	131072
8	$\mathcal{O}(0; \{8^6, 4^9, 2^{27}\})$	524288
8	$\mathcal{O}(0; \{8^6, 4^{11}, 2^{24}\})$	2097152
8	$\mathcal{O}(0; \{8^6, 4^{13}, 2^{21}\})$	8388608
8	$\mathcal{O}(0; \{8^6, 4^{15}, 2^{18}\})$	33554432
8	$\mathcal{O}(0; \{8^6, 4^{17}, 2^{15}\})$	134217728
8	$\mathcal{O}(0; \{8^6, 4^{19}, 2^{12}\})$	536870912
8	$\mathcal{O}(0; \{8^6, 4^{21}, 2^9\})$	2147483648
8	$\mathcal{O}(0; \{8^6, 4^{23}, 2^6\})$	8589934592
8	$\mathcal{O}(0; \{8^6, 4^{25}, 2^3\})$	34359738368
8	$\mathcal{O}(0; \{8^6, 4^{27}\})$	137438953472
8	$\mathcal{O}(0; \{8^8, 2^{37}\})$	16384
8	$\mathcal{O}(0; \{8^8, 4^2, 2^{34}\})$	65536

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{8^8, 4^4, 2^{31}\})$	262144
8	$\mathcal{O}(0; \{8^8, 4^6, 2^{28}\})$	1048576
8	$\mathcal{O}(0; \{8^8, 4^8, 2^{25}\})$	4194304
8	$\mathcal{O}(0; \{8^8, 4^{10}, 2^{22}\})$	16777216
8	$\mathcal{O}(0; \{8^8, 4^{12}, 2^{19}\})$	67108864
8	$\mathcal{O}(0; \{8^8, 4^{14}, 2^{16}\})$	268435456
8	$\mathcal{O}(0; \{8^8, 4^{16}, 2^{13}\})$	1073741824
8	$\mathcal{O}(0; \{8^8, 4^{18}, 2^{10}\})$	4294967296
8	$\mathcal{O}(0; \{8^8, 4^{20}, 2^7\})$	17179869184
8	$\mathcal{O}(0; \{8^8, 4^{22}, 2^4\})$	68719476736
8	$\mathcal{O}(0; \{8^8, 4^{24}, 2\})$	274877906944
8	$\mathcal{O}(0; \{8^{10}, 4, 2^{32}\})$	524288
8	$\mathcal{O}(0; \{8^{10}, 4^3, 2^{29}\})$	2097152
8	$\mathcal{O}(0; \{8^{10}, 4^5, 2^{26}\})$	8388608
8	$\mathcal{O}(0; \{8^{10}, 4^7, 2^{23}\})$	33554432
8	$\mathcal{O}(0; \{8^{10}, 4^9, 2^{20}\})$	134217728
8	$\mathcal{O}(0; \{8^{10}, 4^{11}, 2^{17}\})$	536870912
8	$\mathcal{O}(0; \{8^{10}, 4^{13}, 2^{14}\})$	2147483648
8	$\mathcal{O}(0; \{8^{10}, 4^{15}, 2^{11}\})$	8589934592
8	$\mathcal{O}(0; \{8^{10}, 4^{17}, 2^8\})$	34359738368
8	$\mathcal{O}(0; \{8^{10}, 4^{19}, 2^5\})$	137438953472
8	$\mathcal{O}(0; \{8^{10}, 4^{21}, 2^2\})$	549755813888
8	$\mathcal{O}(0; \{8^{12}, 2^{30}\})$	4194304
8	$\mathcal{O}(0; \{8^{12}, 4^2, 2^{27}\})$	16777216
8	$\mathcal{O}(0; \{8^{12}, 4^4, 2^{24}\})$	67108864
8	$\mathcal{O}(0; \{8^{12}, 4^6, 2^{21}\})$	268435456
8	$\mathcal{O}(0; \{8^{12}, 4^8, 2^{18}\})$	1073741824
8	$\mathcal{O}(0; \{8^{12}, 4^{10}, 2^{15}\})$	4294967296
8	$\mathcal{O}(0; \{8^{12}, 4^{12}, 2^{12}\})$	17179869184
8	$\mathcal{O}(0; \{8^{12}, 4^{14}, 2^9\})$	68719476736
8	$\mathcal{O}(0; \{8^{12}, 4^{16}, 2^6\})$	274877906944
8	$\mathcal{O}(0; \{8^{12}, 4^{18}, 2^3\})$	1099511627776
8	$\mathcal{O}(0; \{8^{12}, 4^{20}\})$	4398046511104
8	$\mathcal{O}(0; \{8^{14}, 4, 2^{25}\})$	134217728
8	$\mathcal{O}(0; \{8^{14}, 4^3, 2^{22}\})$	536870912
8	$\mathcal{O}(0; \{8^{14}, 4^5, 2^{19}\})$	2147483648
8	$\mathcal{O}(0; \{8^{14}, 4^7, 2^{16}\})$	8589934592
8	$\mathcal{O}(0; \{8^{14}, 4^9, 2^{13}\})$	34359738368
8	$\mathcal{O}(0; \{8^{14}, 4^{11}, 2^{10}\})$	137438953472
8	$\mathcal{O}(0; \{8^{14}, 4^{13}, 2^7\})$	549755813888
8	$\mathcal{O}(0; \{8^{14}, 4^{15}, 2^4\})$	2199023255552
8	$\mathcal{O}(0; \{8^{14}, 4^{17}, 2\})$	8796093022208
8	$\mathcal{O}(0; \{8^{16}, 2^{23}\})$	1073741824

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{8^{16}, 4^2, 2^{20}\})$	4294967296
8	$\mathcal{O}(0; \{8^{16}, 4^4, 2^{17}\})$	17179869184
8	$\mathcal{O}(0; \{8^{16}, 4^6, 2^{14}\})$	68719476736
8	$\mathcal{O}(0; \{8^{16}, 4^8, 2^{11}\})$	274877906944
8	$\mathcal{O}(0; \{8^{16}, 4^{10}, 2^8\})$	1099511627776
8	$\mathcal{O}(0; \{8^{16}, 4^{12}, 2^5\})$	4398046511104
8	$\mathcal{O}(0; \{8^{16}, 4^{14}, 2^2\})$	17592186044416
8	$\mathcal{O}(0; \{8^{18}, 4, 2^{18}\})$	34359738368
8	$\mathcal{O}(0; \{8^{18}, 4^3, 2^{15}\})$	137438953472
8	$\mathcal{O}(0; \{8^{18}, 4^5, 2^{12}\})$	549755813888
8	$\mathcal{O}(0; \{8^{18}, 4^7, 2^9\})$	2199023255552
8	$\mathcal{O}(0; \{8^{18}, 4^9, 2^6\})$	8796093022208
8	$\mathcal{O}(0; \{8^{18}, 4^{11}, 2^3\})$	35184372088832
8	$\mathcal{O}(0; \{8^{18}, 4^{13}\})$	140737488355328
8	$\mathcal{O}(0; \{8^{20}, 2^{16}\})$	274877906944
8	$\mathcal{O}(0; \{8^{20}, 4^2, 2^{13}\})$	1099511627776
8	$\mathcal{O}(0; \{8^{20}, 4^4, 2^{10}\})$	4398046511104
8	$\mathcal{O}(0; \{8^{20}, 4^6, 2^7\})$	17592186044416
8	$\mathcal{O}(0; \{8^{20}, 4^8, 2^4\})$	70368744177664
8	$\mathcal{O}(0; \{8^{20}, 4^{10}, 2\})$	281474976710656
8	$\mathcal{O}(0; \{8^{22}, 4, 2^{11}\})$	8796093022208
8	$\mathcal{O}(0; \{8^{22}, 4^3, 2^8\})$	35184372088832
8	$\mathcal{O}(0; \{8^{22}, 4^5, 2^5\})$	140737488355328
8	$\mathcal{O}(0; \{8^{22}, 4^7, 2^2\})$	562949953421312
8	$\mathcal{O}(0; \{8^{24}, 2^9\})$	70368744177664
8	$\mathcal{O}(0; \{8^{24}, 4^2, 2^6\})$	281474976710656
8	$\mathcal{O}(0; \{8^{24}, 4^4, 2^3\})$	1125899906842624
8	$\mathcal{O}(0; \{8^{24}, 4^6\})$	4503599627370496
8	$\mathcal{O}(0; \{8^{26}, 4, 2^4\})$	2251799813685248
8	$\mathcal{O}(0; \{8^{26}, 4^3, 2\})$	9007199254740992
8	$\mathcal{O}(0; \{8^{28}, 2^2\})$	18014398509481984
9	$\mathcal{O}(9; \{9^4, 3^2\})$	97261323672455430408
9	$\mathcal{O}(8; \{9^4, 3^5\})$	9606056659007943744
9	$\mathcal{O}(8; \{9^7, 3\})$	113471544284531335476
9	$\mathcal{O}(7; \{9^4, 3^8\})$	948746336692142592
9	$\mathcal{O}(7; \{9^7, 3^4\})$	11207066102175934368
9	$\mathcal{O}(7; \{9^{10}\})$	153997095814721098146
9	$\mathcal{O}(6; \{9^4, 3^{11}\})$	93703341895520256
9	$\mathcal{O}(6; \{9^7, 3^7\})$	1106870726140833024
9	$\mathcal{O}(6; \{9^{10}, 3^3\})$	15209589710095910928
9	$\mathcal{O}(5; \{9^4, 3^{14}\})$	9254651051409408
9	$\mathcal{O}(5; \{9^7, 3^{10}\})$	109320565544773632
9	$\mathcal{O}(5; \{9^{10}, 3^6\})$	1502181699762559104

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
9	$\mathcal{O}(5; \{9^{13}, 3^{22}\})$	20234980462262103720
9	$\mathcal{O}(4; \{9^4, 3^{17}\})$	914039610015744
9	$\mathcal{O}(4; \{9^7, 3^{13}\})$	10797092893310976
9	$\mathcal{O}(4; \{9^{10}, 3^9\})$	148363624667907072
9	$\mathcal{O}(4; \{9^{13}, 3^5\})$	1998516588865392960
9	$\mathcal{O}(4; \{9^{16}, 3\})$	26987386030438212324
9	$\mathcal{O}(3; \{9^4, 3^{20}\})$	90275517038592
9	$\mathcal{O}(3; \{9^7, 3^{16}\})$	1066379545018368
9	$\mathcal{O}(3; \{9^{10}, 3^{12}\})$	14653197498064896
9	$\mathcal{O}(3; \{9^{13}, 3^8\})$	197384354455841280
9	$\mathcal{O}(3; \{9^{16}, 3^4\})$	2665420842512416032
9	$\mathcal{O}(3; \{9^{19}\})$	35981946027125048538
9	$\mathcal{O}(2; \{9^4, 3^{23}\})$	8916100448256
9	$\mathcal{O}(2; \{9^7, 3^{19}\})$	105321436545024
9	$\mathcal{O}(2; \{9^{10}, 3^{15}\})$	1447229382524928
9	$\mathcal{O}(2; \{9^{13}, 3^{11}\})$	19494751057367040
9	$\mathcal{O}(2; \{9^{16}, 3^7\})$	263251441235794176
9	$\mathcal{O}(2; \{9^{19}, 3^3\})$	3553772447123461584
9	$\mathcal{O}(1; \{9^4, 3^{26}\})$	880602513408
9	$\mathcal{O}(1; \{9^7, 3^{22}\})$	10402117189632
9	$\mathcal{O}(1; \{9^{10}, 3^{18}\})$	142936235311104
9	$\mathcal{O}(1; \{9^{13}, 3^{14}\})$	1925407511838720
9	$\mathcal{O}(1; \{9^{16}, 3^{10}\})$	26000142344275968
9	$\mathcal{O}(1; \{9^{19}, 3^6\})$	350989871320835712
9	$\mathcal{O}(1; \{9^{22}, 3^2\})$	4738383597757908744
9	$\mathcal{O}(0; \{9^4, 3^{29}\})$	86973087744
9	$\mathcal{O}(0; \{9^7, 3^{25}\})$	1027369598976
9	$\mathcal{O}(0; \{9^{10}, 3^{21}\})$	14117159043072
9	$\mathcal{O}(0; \{9^{13}, 3^{17}\})$	190163704872960
9	$\mathcal{O}(0; \{9^{16}, 3^{13}\})$	2567915293261824
9	$\mathcal{O}(0; \{9^{19}, 3^9\})$	34665666303292416
9	$\mathcal{O}(0; \{9^{22}, 3^5\})$	467988503482262592
9	$\mathcal{O}(0; \{9^{25}, 3\})$	6317841407856107220
10	$\mathcal{O}(9; \{10^2, 2^2\})$	400000000000000000
10	$\mathcal{O}(8; \{5^6\})$	8199874877929687500
10	$\mathcal{O}(8; \{10, 5^3, 2^3\})$	520000000000000000
10	$\mathcal{O}(8; \{10^2, 2^6\})$	400000000000000000
10	$\mathcal{O}(8; \{10^3, 5^2, 2\})$	2040000000000000000
10	$\mathcal{O}(7; \{5^6, 2^4\})$	820000000000000000
10	$\mathcal{O}(7; \{10, 5^3, 2^7\})$	520000000000000000
10	$\mathcal{O}(7; \{10^2, 2^{10}\})$	400000000000000000
10	$\mathcal{O}(7; \{10^2, 5^5, 2^2\})$	3276000000000000000
10	$\mathcal{O}(7; \{10^3, 5^2, 2^5\})$	2040000000000000000

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(7; \{10^4, 5^4\})$	1310800000000000000
10	$\mathcal{O}(7; \{10^5, 5, 2^3\})$	8200000000000000000
10	$\mathcal{O}(7; \{10^7, 2\})$	3276000000000000000
10	$\mathcal{O}(6; \{5^6, 2^8\})$	8200000000000000000
10	$\mathcal{O}(6; \{5^{11}\})$	838655200195312500
10	$\mathcal{O}(6; \{10, 5^3, 2^{11}\})$	5200000000000000000
10	$\mathcal{O}(6; \{10, 5^8, 2^3\})$	5242800000000000000
10	$\mathcal{O}(6; \{10^2, 2^{14}\})$	4000000000000000000
10	$\mathcal{O}(6; \{10^2, 5^5, 2^6\})$	3276000000000000000
10	$\mathcal{O}(6; \{10^3, 5^2, 2^9\})$	2040000000000000000
10	$\mathcal{O}(6; \{10^3, 5^7, 2\})$	2097160000000000000
10	$\mathcal{O}(6; \{10^4, 5^4, 2^4\})$	1310800000000000000
10	$\mathcal{O}(6; \{10^5, 5, 2^7\})$	8200000000000000000
10	$\mathcal{O}(6; \{10^6, 5^3, 2^2\})$	5242800000000000000
10	$\mathcal{O}(6; \{10^7, 2^5\})$	3276000000000000000
10	$\mathcal{O}(6; \{10^8, 5^2\})$	2097160000000000000
10	$\mathcal{O}(5; \{5^6, 2^{12}\})$	8200000000000000000
10	$\mathcal{O}(5; \{5^{11}, 2^4\})$	8388600000000000000
10	$\mathcal{O}(5; \{10, 5^3, 2^{15}\})$	5200000000000000000
10	$\mathcal{O}(5; \{10, 5^8, 2^7\})$	5242800000000000000
10	$\mathcal{O}(5; \{10^2, 2^{18}\})$	4000000000000000000
10	$\mathcal{O}(5; \{10^2, 5^5, 2^{10}\})$	3276000000000000000
10	$\mathcal{O}(5; \{10^2, 5^{10}, 2^2\})$	3355444000000000000
10	$\mathcal{O}(5; \{10^3, 5^2, 2^{13}\})$	2040000000000000000
10	$\mathcal{O}(5; \{10^3, 5^7, 2^5\})$	2097160000000000000
10	$\mathcal{O}(5; \{10^4, 5^4, 2^8\})$	1310800000000000000
10	$\mathcal{O}(5; \{10^4, 5^9\})$	1342177200000000000
10	$\mathcal{O}(5; \{10^5, 5, 2^{11}\})$	8200000000000000000
10	$\mathcal{O}(5; \{10^5, 5^6, 2^3\})$	8388600000000000000
10	$\mathcal{O}(5; \{10^6, 5^3, 2^6\})$	5242800000000000000
10	$\mathcal{O}(5; \{10^7, 2^9\})$	3276000000000000000
10	$\mathcal{O}(5; \{10^7, 5^5, 2\})$	3355444000000000000
10	$\mathcal{O}(5; \{10^8, 5^2, 2^4\})$	2097160000000000000
10	$\mathcal{O}(5; \{10^{10}, 5, 2^2\})$	8388600000000000000
10	$\mathcal{O}(5; \{10^{12}\})$	3355444000000000000
10	$\mathcal{O}(4; \{5^6, 2^{16}\})$	8200000000000000000
10	$\mathcal{O}(4; \{5^{11}, 2^8\})$	8388600000000000000
10	$\mathcal{O}(4; \{5^{16}\})$	85563801679687500
10	$\mathcal{O}(4; \{10, 5^3, 2^{19}\})$	5200000000000000000
10	$\mathcal{O}(4; \{10, 5^8, 2^{11}\})$	5242800000000000000
10	$\mathcal{O}(4; \{10, 5^{13}, 2^3\})$	5368709200000000000
10	$\mathcal{O}(4; \{10^2, 2^{22}\})$	4000000000000000000
10	$\mathcal{O}(4; \{10^2, 5^5, 2^{14}\})$	3276000000000000000

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(4; \{10^2, 5^{10}, 2^6\})$	335544400000000
10	$\mathcal{O}(4; \{10^3, 5^2, 2^{17}\})$	20400000000
10	$\mathcal{O}(4; \{10^3, 5^7, 2^9\})$	2097160000000
10	$\mathcal{O}(4; \{10^3, 5^{12}, 2\})$	21474836400000000
10	$\mathcal{O}(4; \{10^4, 5^4, 2^{12}\})$	1310800000000
10	$\mathcal{O}(4; \{10^4, 5^9, 2^4\})$	1342177200000000
10	$\mathcal{O}(4; \{10^5, 5, 2^{15}\})$	82000000000
10	$\mathcal{O}(4; \{10^5, 5^6, 2^7\})$	838860000000000
10	$\mathcal{O}(4; \{10^6, 5^3, 2^{10}\})$	5242800000000
10	$\mathcal{O}(4; \{10^6, 5^8, 2^2\})$	5368709200000000
10	$\mathcal{O}(4; \{10^7, 2^{13}\})$	327600000000
10	$\mathcal{O}(4; \{10^7, 5^5, 2^5\})$	335544400000000
10	$\mathcal{O}(4; \{10^8, 5^2, 2^8\})$	20971600000000
10	$\mathcal{O}(4; \{10^8, 5^7\})$	21474836400000000
10	$\mathcal{O}(4; \{10^9, 5^4, 2^3\})$	1342177200000000
10	$\mathcal{O}(4; \{10^{10}, 5, 2^6\})$	838860000000000
10	$\mathcal{O}(4; \{10^{11}, 5^3, 2\})$	5368709200000000
10	$\mathcal{O}(4; \{10^{12}, 2^4\})$	335544400000000
10	$\mathcal{O}(3; \{5^6, 2^{20}\})$	820000000
10	$\mathcal{O}(3; \{5^{11}, 2^{12}\})$	838860000000
10	$\mathcal{O}(3; \{5^{16}, 2^4\})$	858993460000000
10	$\mathcal{O}(3; \{10, 5^3, 2^{23}\})$	52000000
10	$\mathcal{O}(3; \{10, 5^8, 2^{15}\})$	52428000000
10	$\mathcal{O}(3; \{10, 5^{13}, 2^7\})$	53687092000000
10	$\mathcal{O}(3; \{10^2, 2^{26}\})$	4000000
10	$\mathcal{O}(3; \{10^2, 5^5, 2^{18}\})$	3276000000
10	$\mathcal{O}(3; \{10^2, 5^{10}, 2^{10}\})$	3355444000000
10	$\mathcal{O}(3; \{10^2, 5^{15}, 2^2\})$	3435973836000000
10	$\mathcal{O}(3; \{10^3, 5^2, 2^{21}\})$	204000000
10	$\mathcal{O}(3; \{10^3, 5^7, 2^{13}\})$	209716000000
10	$\mathcal{O}(3; \{10^3, 5^{12}, 2^5\})$	214748364000000
10	$\mathcal{O}(3; \{10^4, 5^4, 2^{16}\})$	13108000000
10	$\mathcal{O}(3; \{10^4, 5^9, 2^8\})$	13421772000000
10	$\mathcal{O}(3; \{10^4, 5^{14}\})$	13743895348000000
10	$\mathcal{O}(3; \{10^5, 5, 2^{19}\})$	820000000
10	$\mathcal{O}(3; \{10^5, 5^6, 2^{11}\})$	838860000000
10	$\mathcal{O}(3; \{10^5, 5^{11}, 2^3\})$	858993460000000
10	$\mathcal{O}(3; \{10^6, 5^3, 2^{14}\})$	52428000000
10	$\mathcal{O}(3; \{10^6, 5^8, 2^6\})$	53687092000000
10	$\mathcal{O}(3; \{10^7, 2^{17}\})$	3276000000
10	$\mathcal{O}(3; \{10^7, 5^5, 2^9\})$	3355444000000
10	$\mathcal{O}(3; \{10^7, 5^{10}, 2\})$	3435973836000000
10	$\mathcal{O}(3; \{10^8, 5^2, 2^{12}\})$	209716000000

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(3; \{10^8, 5^7, 2^4\})$	214748364000000
10	$\mathcal{O}(3; \{10^9, 5^4, 2^7\})$	134217720000000
10	$\mathcal{O}(3; \{10^{10}, 5, 2^{10}\})$	8388600000000
10	$\mathcal{O}(3; \{10^{10}, 5^6, 2^2\})$	858993460000000
10	$\mathcal{O}(3; \{10^{11}, 5^3, 2^5\})$	536870920000000
10	$\mathcal{O}(3; \{10^{12}, 2^8\})$	335544400000000
10	$\mathcal{O}(3; \{10^{12}, 5^5\})$	34359738360000000
10	$\mathcal{O}(3; \{10^{13}, 5^2, 2^3\})$	214748364000000
10	$\mathcal{O}(3; \{10^{15}, 5, 2\})$	858993460000000
10	$\mathcal{O}(2; \{5^6, 2^{24}\})$	8200000
10	$\mathcal{O}(2; \{5^{11}, 2^{16}\})$	83886000000
10	$\mathcal{O}(2; \{5^{16}, 2^8\})$	858993460000000
10	$\mathcal{O}(2; \{5^{21}\})$	8246337208312500
10	$\mathcal{O}(2; \{10, 5^3, 2^{27}\})$	520000
10	$\mathcal{O}(2; \{10, 5^8, 2^{19}\})$	524280000
10	$\mathcal{O}(2; \{10, 5^{13}, 2^{11}\})$	5368709200000
10	$\mathcal{O}(2; \{10, 5^{18}, 2^3\})$	549755813880000
10	$\mathcal{O}(2; \{10^2, 2^{30}\})$	40000
10	$\mathcal{O}(2; \{10^2, 5^5, 2^{22}\})$	32760000
10	$\mathcal{O}(2; \{10^2, 5^{10}, 2^{14}\})$	3355444000000
10	$\mathcal{O}(2; \{10^2, 5^{15}, 2^6\})$	343597383600000
10	$\mathcal{O}(2; \{10^3, 5^2, 2^{25}\})$	2040000
10	$\mathcal{O}(2; \{10^3, 5^7, 2^{17}\})$	2097160000
10	$\mathcal{O}(2; \{10^3, 5^{12}, 2^9\})$	214748364000000
10	$\mathcal{O}(2; \{10^3, 5^{17}, 2\})$	21990232555600000
10	$\mathcal{O}(2; \{10^4, 5^4, 2^{20}\})$	131080000
10	$\mathcal{O}(2; \{10^4, 5^9, 2^{12}\})$	1342177200000
10	$\mathcal{O}(2; \{10^4, 5^{14}, 2^4\})$	1374389534800000
10	$\mathcal{O}(2; \{10^5, 5, 2^{23}\})$	8200000
10	$\mathcal{O}(2; \{10^5, 5^6, 2^{15}\})$	83886000000
10	$\mathcal{O}(2; \{10^5, 5^{11}, 2^7\})$	858993460000000
10	$\mathcal{O}(2; \{10^6, 5^3, 2^{18}\})$	524280000
10	$\mathcal{O}(2; \{10^6, 5^8, 2^{10}\})$	5368709200000
10	$\mathcal{O}(2; \{10^6, 5^{13}, 2^2\})$	549755813880000
10	$\mathcal{O}(2; \{10^7, 2^{21}\})$	32760000
10	$\mathcal{O}(2; \{10^7, 5^5, 2^{13}\})$	3355444000000
10	$\mathcal{O}(2; \{10^7, 5^{10}, 2^5\})$	343597383600000
10	$\mathcal{O}(2; \{10^8, 5^2, 2^{16}\})$	2097160000
10	$\mathcal{O}(2; \{10^8, 5^7, 2^8\})$	214748364000000
10	$\mathcal{O}(2; \{10^8, 5^{12}\})$	21990232555600000
10	$\mathcal{O}(2; \{10^9, 5^4, 2^{11}\})$	1342177200000
10	$\mathcal{O}(2; \{10^9, 5^9, 2^3\})$	1374389534800000
10	$\mathcal{O}(2; \{10^{10}, 5, 2^{14}\})$	83886000000

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(2; \{10^{10}, 5^6, 2^6\})$	8589934600000
10	$\mathcal{O}(2; \{10^{11}, 5^3, 2^9\})$	536870920000
10	$\mathcal{O}(2; \{10^{11}, 5^8, 2\})$	549755813880000
10	$\mathcal{O}(2; \{10^{12}, 2^{12}\})$	33554440000
10	$\mathcal{O}(2; \{10^{12}, 5^5, 2^4\})$	34359738360000
10	$\mathcal{O}(2; \{10^{13}, 5^2, 2^7\})$	2147483640000
10	$\mathcal{O}(2; \{10^{14}, 5^4, 2^2\})$	137438953480000
10	$\mathcal{O}(2; \{10^{15}, 5, 2^5\})$	8589934600000
10	$\mathcal{O}(2; \{10^{16}, 5^3\})$	549755813880000
10	$\mathcal{O}(2; \{10^{17}, 2^3\})$	34359738360000
10	$\mathcal{O}(1; \{5^6, 2^{28}\})$	82000
10	$\mathcal{O}(1; \{5^{11}, 2^{20}\})$	83886000
10	$\mathcal{O}(1; \{5^{16}, 2^{12}\})$	85899346000
10	$\mathcal{O}(1; \{5^{21}, 2^4\})$	87960930222000
10	$\mathcal{O}(1; \{10, 5^3, 2^{31}\})$	5200
10	$\mathcal{O}(1; \{10, 5^8, 2^{23}\})$	5242800
10	$\mathcal{O}(1; \{10, 5^{13}, 2^{15}\})$	5368709200
10	$\mathcal{O}(1; \{10, 5^{18}, 2^7\})$	5497558138800
10	$\mathcal{O}(1; \{10^2, 2^{34}\})$	400
10	$\mathcal{O}(1; \{10^2, 5^5, 2^{26}\})$	327600
10	$\mathcal{O}(1; \{10^2, 5^{10}, 2^{18}\})$	335544400
10	$\mathcal{O}(1; \{10^2, 5^{15}, 2^{10}\})$	343597383600
10	$\mathcal{O}(1; \{10^2, 5^{20}, 2^2\})$	351843720888400
10	$\mathcal{O}(1; \{10^3, 5^2, 2^{29}\})$	20400
10	$\mathcal{O}(1; \{10^3, 5^7, 2^{21}\})$	20971600
10	$\mathcal{O}(1; \{10^3, 5^{12}, 2^{13}\})$	21474836400
10	$\mathcal{O}(1; \{10^3, 5^{17}, 2^5\})$	21990232555600
10	$\mathcal{O}(1; \{10^4, 5^4, 2^{24}\})$	1310800
10	$\mathcal{O}(1; \{10^4, 5^9, 2^{16}\})$	1342177200
10	$\mathcal{O}(1; \{10^4, 5^{14}, 2^8\})$	1374389534800
10	$\mathcal{O}(1; \{10^4, 5^{19}\})$	1407374883553200
10	$\mathcal{O}(1; \{10^5, 5, 2^{27}\})$	82000
10	$\mathcal{O}(1; \{10^5, 5^6, 2^{19}\})$	83886000
10	$\mathcal{O}(1; \{10^5, 5^{11}, 2^{11}\})$	85899346000
10	$\mathcal{O}(1; \{10^5, 5^{16}, 2^3\})$	87960930222000
10	$\mathcal{O}(1; \{10^6, 5^3, 2^{22}\})$	5242800
10	$\mathcal{O}(1; \{10^6, 5^8, 2^{14}\})$	5368709200
10	$\mathcal{O}(1; \{10^6, 5^{13}, 2^6\})$	5497558138800
10	$\mathcal{O}(1; \{10^7, 2^{25}\})$	327600
10	$\mathcal{O}(1; \{10^7, 5^5, 2^{17}\})$	335544400
10	$\mathcal{O}(1; \{10^7, 5^{10}, 2^9\})$	343597383600
10	$\mathcal{O}(1; \{10^7, 5^{15}, 2\})$	351843720888400
10	$\mathcal{O}(1; \{10^8, 5^2, 2^{20}\})$	20971600

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(1; \{10^8, 5^7, 2^{12}\})$	21474836400
10	$\mathcal{O}(1; \{10^8, 5^{12}, 2^4\})$	21990232555600
10	$\mathcal{O}(1; \{10^9, 5^4, 2^{15}\})$	1342177200
10	$\mathcal{O}(1; \{10^9, 5^9, 2^7\})$	1374389534800
10	$\mathcal{O}(1; \{10^{10}, 5, 2^{18}\})$	83886000
10	$\mathcal{O}(1; \{10^{10}, 5^6, 2^{10}\})$	85899346000
10	$\mathcal{O}(1; \{10^{10}, 5^{11}, 2^2\})$	87960930222000
10	$\mathcal{O}(1; \{10^{11}, 5^3, 2^{13}\})$	5368709200
10	$\mathcal{O}(1; \{10^{11}, 5^8, 2^5\})$	5497558138800
10	$\mathcal{O}(1; \{10^{12}, 2^{16}\})$	335544400
10	$\mathcal{O}(1; \{10^{12}, 5^5, 2^8\})$	343597383600
10	$\mathcal{O}(1; \{10^{12}, 5^{10}\})$	351843720888400
10	$\mathcal{O}(1; \{10^{13}, 5^2, 2^{11}\})$	21474836400
10	$\mathcal{O}(1; \{10^{13}, 5^7, 2^3\})$	21990232555600
10	$\mathcal{O}(1; \{10^{14}, 5^4, 2^6\})$	1374389534800
10	$\mathcal{O}(1; \{10^{15}, 5, 2^9\})$	85899346000
10	$\mathcal{O}(1; \{10^{15}, 5^6, 2\})$	87960930222000
10	$\mathcal{O}(1; \{10^{16}, 5^3, 2^4\})$	5497558138800
10	$\mathcal{O}(1; \{10^{17}, 2^7\})$	343597383600
10	$\mathcal{O}(1; \{10^{18}, 5^2, 2^2\})$	21990232555600
10	$\mathcal{O}(1; \{10^{20}, 5\})$	87960930222000
10	$\mathcal{O}(0; \{5^6, 2^{32}\})$	820
10	$\mathcal{O}(0; \{5^{11}, 2^{24}\})$	838860
10	$\mathcal{O}(0; \{5^{16}, 2^{16}\})$	858993460
10	$\mathcal{O}(0; \{5^{21}, 2^8\})$	879609302220
10	$\mathcal{O}(0; \{10, 5^3, 2^{35}\})$	52
10	$\mathcal{O}(0; \{10, 5^8, 2^{27}\})$	52428
10	$\mathcal{O}(0; \{10, 5^{13}, 2^{19}\})$	53687092
10	$\mathcal{O}(0; \{10, 5^{18}, 2^{11}\})$	54975581388
10	$\mathcal{O}(0; \{10, 5^{23}, 2^3\})$	56294995342132
10	$\mathcal{O}(0; \{10^2, 2^{38}\})$	4
10	$\mathcal{O}(0; \{10^2, 5^5, 2^{30}\})$	3276
10	$\mathcal{O}(0; \{10^2, 5^{10}, 2^{22}\})$	3355444
10	$\mathcal{O}(0; \{10^2, 5^{15}, 2^{14}\})$	3435973836
10	$\mathcal{O}(0; \{10^2, 5^{20}, 2^6\})$	3518437208884
10	$\mathcal{O}(0; \{10^3, 5^2, 2^{33}\})$	204
10	$\mathcal{O}(0; \{10^3, 5^7, 2^{25}\})$	209716
10	$\mathcal{O}(0; \{10^3, 5^{12}, 2^{17}\})$	214748364
10	$\mathcal{O}(0; \{10^3, 5^{17}, 2^9\})$	219902325556
10	$\mathcal{O}(0; \{10^3, 5^{22}, 2\})$	225179981368524
10	$\mathcal{O}(0; \{10^4, 5^4, 2^{28}\})$	13108
10	$\mathcal{O}(0; \{10^4, 5^9, 2^{20}\})$	13421772
10	$\mathcal{O}(0; \{10^4, 5^{14}, 2^{12}\})$	13743895348

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(0; \{10^4, 5^{19}, 2^4\})$	14073748835532
10	$\mathcal{O}(0; \{10^5, 5, 2^{31}\})$	820
10	$\mathcal{O}(0; \{10^5, 5^6, 2^{23}\})$	838860
10	$\mathcal{O}(0; \{10^5, 5^{11}, 2^{15}\})$	858993460
10	$\mathcal{O}(0; \{10^5, 5^{16}, 2^7\})$	879609302220
10	$\mathcal{O}(0; \{10^6, 5^3, 2^{26}\})$	52428
10	$\mathcal{O}(0; \{10^6, 5^8, 2^{18}\})$	53687092
10	$\mathcal{O}(0; \{10^6, 5^{13}, 2^{10}\})$	54975581388
10	$\mathcal{O}(0; \{10^6, 5^{18}, 2^2\})$	56294995342132
10	$\mathcal{O}(0; \{10^7, 2^{29}\})$	3276
10	$\mathcal{O}(0; \{10^7, 5^5, 2^{21}\})$	3355444
10	$\mathcal{O}(0; \{10^7, 5^{10}, 2^{13}\})$	3435973836
10	$\mathcal{O}(0; \{10^7, 5^{15}, 2^5\})$	3518437208884
10	$\mathcal{O}(0; \{10^8, 5^2, 2^{24}\})$	209716
10	$\mathcal{O}(0; \{10^8, 5^7, 2^{16}\})$	214748364
10	$\mathcal{O}(0; \{10^8, 5^{12}, 2^8\})$	219902325556
10	$\mathcal{O}(0; \{10^8, 5^{17}\})$	225179981368524
10	$\mathcal{O}(0; \{10^9, 5^4, 2^{19}\})$	13421772
10	$\mathcal{O}(0; \{10^9, 5^9, 2^{11}\})$	13743895348
10	$\mathcal{O}(0; \{10^9, 5^{14}, 2^3\})$	14073748835532
10	$\mathcal{O}(0; \{10^{10}, 5, 2^{22}\})$	838860
10	$\mathcal{O}(0; \{10^{10}, 5^6, 2^{14}\})$	858993460
10	$\mathcal{O}(0; \{10^{10}, 5^{11}, 2^6\})$	879609302220
10	$\mathcal{O}(0; \{10^{11}, 5^3, 2^{17}\})$	53687092
10	$\mathcal{O}(0; \{10^{11}, 5^8, 2^9\})$	54975581388
10	$\mathcal{O}(0; \{10^{11}, 5^{13}, 2\})$	56294995342132
10	$\mathcal{O}(0; \{10^{12}, 2^{20}\})$	3355444
10	$\mathcal{O}(0; \{10^{12}, 5^5, 2^{12}\})$	3435973836
10	$\mathcal{O}(0; \{10^{12}, 5^{10}, 2^4\})$	3518437208884
10	$\mathcal{O}(0; \{10^{13}, 5^2, 2^{15}\})$	214748364
10	$\mathcal{O}(0; \{10^{13}, 5^7, 2^7\})$	219902325556
10	$\mathcal{O}(0; \{10^{14}, 5^4, 2^{10}\})$	13743895348
10	$\mathcal{O}(0; \{10^{14}, 5^9, 2^2\})$	14073748835532
10	$\mathcal{O}(0; \{10^{15}, 5, 2^{13}\})$	858993460
10	$\mathcal{O}(0; \{10^{15}, 5^6, 2^5\})$	879609302220
10	$\mathcal{O}(0; \{10^{16}, 5^3, 2^8\})$	54975581388
10	$\mathcal{O}(0; \{10^{16}, 5^8\})$	56294995342132
10	$\mathcal{O}(0; \{10^{17}, 2^{11}\})$	3435973836
10	$\mathcal{O}(0; \{10^{17}, 5^5, 2^3\})$	3518437208884
10	$\mathcal{O}(0; \{10^{18}, 5^2, 2^6\})$	219902325556
10	$\mathcal{O}(0; \{10^{19}, 5^4, 2\})$	14073748835532
10	$\mathcal{O}(0; \{10^{20}, 5, 2^4\})$	879609302220
10	$\mathcal{O}(0; \{10^{22}, 2^2\})$	3518437208884

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
11	$\mathcal{O}(5; \{11^{10}\})$	23579476933579476910
11	$\mathcal{O}(0; \{11^{21}\})$	90909090909090909090
12	$\mathcal{O}(8; \{6^2\})$	369762875570257920
12	$\mathcal{O}(7; \{3^4, 2^2\})$	7703040602308608
12	$\mathcal{O}(7; \{6, 3^2, 2^3\})$	2567680200769536
12	$\mathcal{O}(7; \{6, 4^2, 3^2\})$	5135673858195456
12	$\mathcal{O}(7; \{6^2, 2^4\})$	2567680200769536
12	$\mathcal{O}(7; \{6^2, 3^3\})$	12838401003847680
12	$\mathcal{O}(7; \{6^2, 4^2, 2\})$	5135673858195456
12	$\mathcal{O}(7; \{6^3, 3, 2\})$	7703040602308608
12	$\mathcal{O}(7; \{12, 4, 3^3\})$	15407021574586368
12	$\mathcal{O}(7; \{12, 6, 4, 3, 2\})$	5135673858195456
12	$\mathcal{O}(7; \{12^2, 3^2, 2\})$	15407021574586368
12	$\mathcal{O}(7; \{12^2, 6, 2^2\})$	5135673858195456
12	$\mathcal{O}(7; \{12^4\})$	61628086298345472
12	$\mathcal{O}(6; \{3^4, 2^6\})$	53483541995520
12	$\mathcal{O}(6; \{3^7, 2^2\})$	374384793968640
12	$\mathcal{O}(6; \{4^2, 3^4, 2^3\})$	106993205379072
12	$\mathcal{O}(6; \{4^4, 3^4\})$	427972821516288
12	$\mathcal{O}(6; \{6, 3^2, 2^7\})$	17827847331840
12	$\mathcal{O}(6; \{6, 3^5, 2^3\})$	196106320650240
12	$\mathcal{O}(6; \{6, 4^2, 3^2, 2^4\})$	35664401793024
12	$\mathcal{O}(6; \{6, 4^2, 3^5\})$	392308419723264
12	$\mathcal{O}(6; \{6, 4^4, 3^2, 2\})$	142657607172096
12	$\mathcal{O}(6; \{6^2, 2^8\})$	17827847331840
12	$\mathcal{O}(6; \{6^2, 3^3, 2^4\})$	89139236659200
12	$\mathcal{O}(6; \{6^2, 3^6\})$	766597435269120
12	$\mathcal{O}(6; \{6^2, 4^2, 2^5\})$	35664401793024
12	$\mathcal{O}(6; \{6^2, 4^2, 3^3, 2\})$	178322008965120
12	$\mathcal{O}(6; \{6^2, 4^4, 2^2\})$	142657607172096
12	$\mathcal{O}(6; \{6^3, 3, 2^5\})$	53483541995520
12	$\mathcal{O}(6; \{6^3, 3^4, 2\})$	374384793968640
12	$\mathcal{O}(6; \{6^3, 4^2, 3, 2^2\})$	106993205379072
12	$\mathcal{O}(6; \{6^4, 3^2, 2^2\})$	196106320650240
12	$\mathcal{O}(6; \{6^5, 2^3\})$	89139236659200
12	$\mathcal{O}(6; \{6^5, 4^2\})$	178322008965120
12	$\mathcal{O}(6; \{6^6, 3\})$	374384793968640
12	$\mathcal{O}(6; \{12, 4, 3^3, 2^4\})$	106993205379072
12	$\mathcal{O}(6; \{12, 4, 3^6\})$	748952437653504
12	$\mathcal{O}(6; \{12, 4^3, 3^3, 2\})$	427972821516288
12	$\mathcal{O}(6; \{12, 6, 4, 3, 2^5\})$	35664401793024
12	$\mathcal{O}(6; \{12, 6, 4, 3^4, 2\})$	392308419723264
12	$\mathcal{O}(6; \{12, 6, 4^3, 3, 2^2\})$	142657607172096

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(6; \{12, 6^2, 4, 3^2, 2^2\})$	178322008965120
12	$\mathcal{O}(6; \{12, 6^3, 4, 2^3\})$	106993205379072
12	$\mathcal{O}(6; \{12, 6^3, 4^3\})$	427972821516288
12	$\mathcal{O}(6; \{12, 6^4, 4, 3\})$	392308419723264
12	$\mathcal{O}(6; \{12^2, 3^2, 2^5\})$	106993205379072
12	$\mathcal{O}(6; \{12^2, 3^5, 2\})$	748952437653504
12	$\mathcal{O}(6; \{12^2, 4^2, 3^2, 2^2\})$	427972821516288
12	$\mathcal{O}(6; \{12^2, 6, 2^6\})$	35664401793024
12	$\mathcal{O}(6; \{12^2, 6, 3^3, 2^2\})$	392308419723264
12	$\mathcal{O}(6; \{12^2, 6, 4^2, 2^3\})$	142657607172096
12	$\mathcal{O}(6; \{12^2, 6, 4^4\})$	570630428688384
12	$\mathcal{O}(6; \{12^2, 6^2, 3, 2^3\})$	178322008965120
12	$\mathcal{O}(6; \{12^2, 6^2, 4^2, 3\})$	713288035860480
12	$\mathcal{O}(6; \{12^2, 6^3, 3^2\})$	748952437653504
12	$\mathcal{O}(6; \{12^2, 6^4, 2\})$	392308419723264
12	$\mathcal{O}(6; \{12^3, 4, 3, 2^3\})$	427972821516288
12	$\mathcal{O}(6; \{12^3, 4^3, 3\})$	1711891286065152
12	$\mathcal{O}(6; \{12^3, 6, 4, 3^2\})$	1569233678893056
12	$\mathcal{O}(6; \{12^3, 6^2, 4, 2\})$	713288035860480
12	$\mathcal{O}(6; \{12^4, 2^4\})$	427972821516288
12	$\mathcal{O}(6; \{12^4, 3^3\})$	2995809750614016
12	$\mathcal{O}(6; \{12^4, 4^2, 2\})$	1711891286065152
12	$\mathcal{O}(6; \{12^4, 6, 3, 2\})$	1569233678893056
12	$\mathcal{O}(5; \{3^4, 2^{10}\})$	371141388288
12	$\mathcal{O}(5; \{3^7, 2^6\})$	2597989718016
12	$\mathcal{O}(5; \{3^{10}, 2^2\})$	21155059132416
12	$\mathcal{O}(5; \{4^2, 3^4, 2^7\})$	743008370688
12	$\mathcal{O}(5; \{4^2, 3^7, 2^3\})$	5201058594816
12	$\mathcal{O}(5; \{4^4, 3^4, 2^4\})$	2972033482752
12	$\mathcal{O}(5; \{4^4, 3^7\})$	20804234379264
12	$\mathcal{O}(5; \{4^6, 3^4, 2\})$	11888133931008
12	$\mathcal{O}(5; \{6, 3^2, 2^{11}\})$	123713796096
12	$\mathcal{O}(5; \{6, 3^5, 2^7\})$	1360851757056
12	$\mathcal{O}(5; \{6, 3^8, 2^3\})$	10515672668160
12	$\mathcal{O}(5; \{6, 4^2, 3^2, 2^8\})$	247669456896
12	$\mathcal{O}(5; \{6, 4^2, 3^5, 2^4\})$	2724364025856
12	$\mathcal{O}(5; \{6, 4^2, 3^8\})$	21051903836160
12	$\mathcal{O}(5; \{6, 4^4, 3^2, 2^5\})$	990677827584
12	$\mathcal{O}(5; \{6, 4^4, 3^5, 2\})$	10897456103424
12	$\mathcal{O}(5; \{6, 4^6, 3^2, 2^2\})$	3962711310336
12	$\mathcal{O}(5; \{6^2, 2^{12}\})$	123713796096
12	$\mathcal{O}(5; \{6^2, 3^3, 2^8\})$	618568980480
12	$\mathcal{O}(5; \{6^2, 3^6, 2^4\})$	5319693232128

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{6^2, 3^9\})$	42186404468736
12	$\mathcal{O}(5; \{6^2, 4^2, 2^9\})$	247669456896
12	$\mathcal{O}(5; \{6^2, 4^2, 3^3, 2^5\})$	1238347284480
12	$\mathcal{O}(5; \{6^2, 4^2, 3^6, 2\})$	10649786646528
12	$\mathcal{O}(5; \{6^2, 4^4, 2^6\})$	990677827584
12	$\mathcal{O}(5; \{6^2, 4^4, 3^3, 2^2\})$	4953389137920
12	$\mathcal{O}(5; \{6^2, 4^6, 2^3\})$	3962711310336
12	$\mathcal{O}(5; \{6^2, 4^8\})$	15850845241344
12	$\mathcal{O}(5; \{6^3, 3, 2^9\})$	371141388288
12	$\mathcal{O}(5; \{6^3, 3^4, 2^5\})$	2597989718016
12	$\mathcal{O}(5; \{6^3, 3^7, 2\})$	21155059132416
12	$\mathcal{O}(5; \{6^3, 4^2, 3, 2^6\})$	743008370688
12	$\mathcal{O}(5; \{6^3, 4^2, 3^4, 2^2\})$	5201058594816
12	$\mathcal{O}(5; \{6^3, 4^4, 3, 2^3\})$	2972033482752
12	$\mathcal{O}(5; \{6^3, 4^6, 3\})$	11888133931008
12	$\mathcal{O}(5; \{6^4, 3^2, 2^6\})$	1360851757056
12	$\mathcal{O}(5; \{6^4, 3^5, 2^2\})$	10515672668160
12	$\mathcal{O}(5; \{6^4, 4^2, 3^2, 2^3\})$	2724364025856
12	$\mathcal{O}(5; \{6^4, 4^4, 3^2\})$	10897456103424
12	$\mathcal{O}(5; \{6^5, 2^7\})$	618568980480
12	$\mathcal{O}(5; \{6^5, 3^3, 2^3\})$	5319693232128
12	$\mathcal{O}(5; \{6^5, 4^2, 2^4\})$	1238347284480
12	$\mathcal{O}(5; \{6^5, 4^2, 3^3\})$	10649786646528
12	$\mathcal{O}(5; \{6^5, 4^4, 2\})$	4953389137920
12	$\mathcal{O}(5; \{6^6, 3, 2^4\})$	2597989718016
12	$\mathcal{O}(5; \{6^6, 3^4\})$	21155059132416
12	$\mathcal{O}(5; \{6^6, 4^2, 3, 2\})$	5201058594816
12	$\mathcal{O}(5; \{6^7, 3^2, 2\})$	10515672668160
12	$\mathcal{O}(5; \{6^8, 2^2\})$	5319693232128
12	$\mathcal{O}(5; \{12, 4, 3^3, 2^8\})$	743008370688
12	$\mathcal{O}(5; \{12, 4, 3^6, 2^4\})$	5201058594816
12	$\mathcal{O}(5; \{12, 4, 3^9\})$	42351477129216
12	$\mathcal{O}(5; \{12, 4^3, 3^3, 2^5\})$	2972033482752
12	$\mathcal{O}(5; \{12, 4^3, 3^6, 2\})$	20804234379264
12	$\mathcal{O}(5; \{12, 4^5, 3^3, 2^2\})$	11888133931008
12	$\mathcal{O}(5; \{12, 6, 4, 3, 2^9\})$	247669456896
12	$\mathcal{O}(5; \{12, 6, 4, 3^4, 2^5\})$	2724364025856
12	$\mathcal{O}(5; \{12, 6, 4, 3^7, 2\})$	21051903836160
12	$\mathcal{O}(5; \{12, 6, 4^3, 3, 2^6\})$	990677827584
12	$\mathcal{O}(5; \{12, 6, 4^3, 3^4, 2^2\})$	10897456103424
12	$\mathcal{O}(5; \{12, 6, 4^5, 3, 2^3\})$	3962711310336
12	$\mathcal{O}(5; \{12, 6, 4^7, 3\})$	15850845241344
12	$\mathcal{O}(5; \{12, 6^2, 4, 3^2, 2^6\})$	1238347284480

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{12, 6^2, 4, 3^5, 2^2\})$	10649786646528
12	$\mathcal{O}(5; \{12, 6^2, 4^3, 3^2, 2^3\})$	4953389137920
12	$\mathcal{O}(5; \{12, 6^2, 4^5, 3^2\})$	19813556551680
12	$\mathcal{O}(5; \{12, 6^3, 4, 2^7\})$	743008370688
12	$\mathcal{O}(5; \{12, 6^3, 4, 3^3, 2^3\})$	5201058594816
12	$\mathcal{O}(5; \{12, 6^3, 4^3, 2^4\})$	2972033482752
12	$\mathcal{O}(5; \{12, 6^3, 4^3, 3^3\})$	20804234379264
12	$\mathcal{O}(5; \{12, 6^3, 4^5, 2\})$	11888133931008
12	$\mathcal{O}(5; \{12, 6^4, 4, 3, 2^4\})$	2724364025856
12	$\mathcal{O}(5; \{12, 6^4, 4, 3^4\})$	21051903836160
12	$\mathcal{O}(5; \{12, 6^4, 4^3, 3, 2\})$	10897456103424
12	$\mathcal{O}(5; \{12, 6^5, 4, 3^2, 2\})$	10649786646528
12	$\mathcal{O}(5; \{12, 6^6, 4, 2^2\})$	5201058594816
12	$\mathcal{O}(5; \{12^2, 3^2, 2^9\})$	743008370688
12	$\mathcal{O}(5; \{12^2, 3^5, 2^5\})$	5201058594816
12	$\mathcal{O}(5; \{12^2, 3^8, 2\})$	42351477129216
12	$\mathcal{O}(5; \{12^2, 4^2, 3^2, 2^6\})$	2972033482752
12	$\mathcal{O}(5; \{12^2, 4^2, 3^5, 2^2\})$	20804234379264
12	$\mathcal{O}(5; \{12^2, 4^4, 3^2, 2^3\})$	11888133931008
12	$\mathcal{O}(5; \{12^2, 4^6, 3^2\})$	47552535724032
12	$\mathcal{O}(5; \{12^2, 6, 2^{10}\})$	247669456896
12	$\mathcal{O}(5; \{12^2, 6, 3^3, 2^6\})$	2724364025856
12	$\mathcal{O}(5; \{12^2, 6, 3^6, 2^2\})$	21051903836160
12	$\mathcal{O}(5; \{12^2, 6, 4^2, 2^7\})$	990677827584
12	$\mathcal{O}(5; \{12^2, 6, 4^2, 3^3, 2^3\})$	10897456103424
12	$\mathcal{O}(5; \{12^2, 6, 4^4, 2^4\})$	3962711310336
12	$\mathcal{O}(5; \{12^2, 6, 4^4, 3^3\})$	43589824413696
12	$\mathcal{O}(5; \{12^2, 6, 4^6, 2\})$	15850845241344
12	$\mathcal{O}(5; \{12^2, 6^2, 3, 2^7\})$	1238347284480
12	$\mathcal{O}(5; \{12^2, 6^2, 3^4, 2^3\})$	10649786646528
12	$\mathcal{O}(5; \{12^2, 6^2, 4^2, 3, 2^4\})$	4953389137920
12	$\mathcal{O}(5; \{12^2, 6^2, 4^2, 3^4\})$	42599146586112
12	$\mathcal{O}(5; \{12^2, 6^2, 4^4, 3, 2\})$	19813556551680
12	$\mathcal{O}(5; \{12^2, 6^3, 3^2, 2^4\})$	5201058594816
12	$\mathcal{O}(5; \{12^2, 6^3, 3^5\})$	42351477129216
12	$\mathcal{O}(5; \{12^2, 6^3, 4^2, 3^2, 2\})$	20804234379264
12	$\mathcal{O}(5; \{12^2, 6^4, 2^5\})$	2724364025856
12	$\mathcal{O}(5; \{12^2, 6^4, 3^3, 2\})$	21051903836160
12	$\mathcal{O}(5; \{12^2, 6^4, 4^2, 2^2\})$	10897456103424
12	$\mathcal{O}(5; \{12^2, 6^5, 3, 2^2\})$	10649786646528
12	$\mathcal{O}(5; \{12^2, 6^7\})$	21051903836160
12	$\mathcal{O}(5; \{12^3, 4, 3, 2^7\})$	2972033482752
12	$\mathcal{O}(5; \{12^3, 4, 3^4, 2^3\})$	20804234379264

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{12^3, 4^3, 3, 2^4\})$	11888133931008
12	$\mathcal{O}(5; \{12^3, 4^3, 3^4\})$	83216937517056
12	$\mathcal{O}(5; \{12^3, 4^5, 3, 2\})$	47552535724032
12	$\mathcal{O}(5; \{12^3, 6, 4, 3^2, 2^4\})$	10897456103424
12	$\mathcal{O}(5; \{12^3, 6, 4, 3^5\})$	84207615344640
12	$\mathcal{O}(5; \{12^3, 6, 4^3, 3^2, 2\})$	43589824413696
12	$\mathcal{O}(5; \{12^3, 6^2, 4, 2^5\})$	4953389137920
12	$\mathcal{O}(5; \{12^3, 6^2, 4, 3^3, 2\})$	42599146586112
12	$\mathcal{O}(5; \{12^3, 6^2, 4^3, 2^2\})$	19813556551680
12	$\mathcal{O}(5; \{12^3, 6^3, 4, 3, 2^2\})$	20804234379264
12	$\mathcal{O}(5; \{12^3, 6^5, 4\})$	42599146586112
12	$\mathcal{O}(5; \{12^4, 2^8\})$	2972033482752
12	$\mathcal{O}(5; \{12^4, 3^3, 2^4\})$	20804234379264
12	$\mathcal{O}(5; \{12^4, 3^6\})$	169405908516864
12	$\mathcal{O}(5; \{12^4, 4^2, 2^5\})$	11888133931008
12	$\mathcal{O}(5; \{12^4, 4^2, 3^3, 2\})$	83216937517056
12	$\mathcal{O}(5; \{12^4, 4^4, 2^2\})$	47552535724032
12	$\mathcal{O}(5; \{12^4, 6, 3, 2^5\})$	10897456103424
12	$\mathcal{O}(5; \{12^4, 6, 3^4, 2\})$	84207615344640
12	$\mathcal{O}(5; \{12^4, 6, 4^2, 3, 2^2\})$	43589824413696
12	$\mathcal{O}(5; \{12^4, 6^2, 3^2, 2^2\})$	42599146586112
12	$\mathcal{O}(5; \{12^4, 6^3, 2^3\})$	20804234379264
12	$\mathcal{O}(5; \{12^4, 6^3, 4^2\})$	83216937517056
12	$\mathcal{O}(5; \{12^4, 6^4, 3\})$	84207615344640
12	$\mathcal{O}(5; \{12^5, 4, 3^2, 2^2\})$	83216937517056
12	$\mathcal{O}(5; \{12^5, 6, 4, 2^3\})$	43589824413696
12	$\mathcal{O}(5; \{12^5, 6, 4^3\})$	174359297654784
12	$\mathcal{O}(5; \{12^5, 6^2, 4, 3\})$	170396586344448
12	$\mathcal{O}(5; \{12^6, 3, 2^3\})$	83216937517056
12	$\mathcal{O}(5; \{12^6, 4^2, 3\})$	332867750068224
12	$\mathcal{O}(5; \{12^6, 6, 3^2\})$	336830461378560
12	$\mathcal{O}(5; \{12^6, 6^2, 2\})$	170396586344448
12	$\mathcal{O}(5; \{12^7, 4, 2\})$	332867750068224
12	$\mathcal{O}(4; \{3^4, 2^{14}\})$	2569812480
12	$\mathcal{O}(4; \{3^7, 2^{10}\})$	17988687360
12	$\mathcal{O}(4; \{3^{10}, 2^6\})$	146479311360
12	$\mathcal{O}(4; \{3^{13}, 2^2\})$	1169264678400
12	$\mathcal{O}(4; \{4^2, 3^4, 2^{11}\})$	5159780352
12	$\mathcal{O}(4; \{4^2, 3^7, 2^7\})$	36118462464
12	$\mathcal{O}(4; \{4^2, 3^{10}, 2^3\})$	294107480064
12	$\mathcal{O}(4; \{4^4, 3^4, 2^8\})$	20639121408
12	$\mathcal{O}(4; \{4^4, 3^7, 2^4\})$	144473849856
12	$\mathcal{O}(4; \{4^4, 3^{10}\})$	1176429920256

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{4^6, 3^4, 2^5\})$	82556485632
12	$\mathcal{O}(4; \{4^6, 3^7, 2\})$	577895399424
12	$\mathcal{O}(4; \{4^8, 3^4, 2^2\})$	330225942528
12	$\mathcal{O}(4; \{6, 3^2, 2^{15}\})$	856604160
12	$\mathcal{O}(4; \{6, 3^5, 2^{11}\})$	9422645760
12	$\mathcal{O}(4; \{6, 3^8, 2^7\})$	72811353600
12	$\mathcal{O}(4; \{6, 3^{11}, 2^3\})$	585060641280
12	$\mathcal{O}(4; \{6, 4^2, 3^2, 2^{12}\})$	1719926784
12	$\mathcal{O}(4; \{6, 4^2, 3^5, 2^8\})$	18919194624
12	$\mathcal{O}(4; \{6, 4^2, 3^8, 2^4\})$	146193776640
12	$\mathcal{O}(4; \{6, 4^2, 3^{11}\})$	1174709993472
12	$\mathcal{O}(4; \{6, 4^4, 3^2, 2^9\})$	6879707136
12	$\mathcal{O}(4; \{6, 4^4, 3^5, 2^5\})$	75676778496
12	$\mathcal{O}(4; \{6, 4^4, 3^8, 2\})$	584775106560
12	$\mathcal{O}(4; \{6, 4^6, 3^2, 2^6\})$	27518828544
12	$\mathcal{O}(4; \{6, 4^6, 3^5, 2^2\})$	302707113984
12	$\mathcal{O}(4; \{6, 4^8, 3^2, 2^3\})$	110075314176
12	$\mathcal{O}(4; \{6, 4^{10}, 3^2\})$	440301256704
12	$\mathcal{O}(4; \{6^2, 2^{16}\})$	856604160
12	$\mathcal{O}(4; \{6^2, 3^3, 2^{12}\})$	4283020800
12	$\mathcal{O}(4; \{6^2, 3^6, 2^8\})$	36833978880
12	$\mathcal{O}(4; \{6^2, 3^9, 2^4\})$	292102018560
12	$\mathcal{O}(4; \{6^2, 3^{12}\})$	2339385960960
12	$\mathcal{O}(4; \{6^2, 4^2, 2^{13}\})$	1719926784
12	$\mathcal{O}(4; \{6^2, 4^2, 3^3, 2^9\})$	8599633920
12	$\mathcal{O}(4; \{6^2, 4^2, 3^6, 2^5\})$	73956851712
12	$\mathcal{O}(4; \{6^2, 4^2, 3^9, 2\})$	586495033344
12	$\mathcal{O}(4; \{6^2, 4^4, 2^{10}\})$	6879707136
12	$\mathcal{O}(4; \{6^2, 4^4, 3^3, 2^6\})$	34398535680
12	$\mathcal{O}(4; \{6^2, 4^4, 3^6, 2^2\})$	295827406848
12	$\mathcal{O}(4; \{6^2, 4^6, 2^7\})$	27518828544
12	$\mathcal{O}(4; \{6^2, 4^6, 3^3, 2^3\})$	137594142720
12	$\mathcal{O}(4; \{6^2, 4^8, 2^4\})$	110075314176
12	$\mathcal{O}(4; \{6^2, 4^8, 3^3\})$	550376570880
12	$\mathcal{O}(4; \{6^2, 4^{10}, 2\})$	440301256704
12	$\mathcal{O}(4; \{6^3, 3, 2^{13}\})$	2569812480
12	$\mathcal{O}(4; \{6^3, 3^4, 2^9\})$	17988687360
12	$\mathcal{O}(4; \{6^3, 3^7, 2^5\})$	146479311360
12	$\mathcal{O}(4; \{6^3, 3^{10}, 2\})$	1169264678400
12	$\mathcal{O}(4; \{6^3, 4^2, 3, 2^{10}\})$	5159780352
12	$\mathcal{O}(4; \{6^3, 4^2, 3^4, 2^6\})$	36118462464
12	$\mathcal{O}(4; \{6^3, 4^2, 3^7, 2^2\})$	294107480064
12	$\mathcal{O}(4; \{6^3, 4^4, 3, 2^7\})$	20639121408

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{6^3, 4^4, 3^4, 2^3\})$	144473849856
12	$\mathcal{O}(4; \{6^3, 4^6, 3, 2^4\})$	82556485632
12	$\mathcal{O}(4; \{6^3, 4^6, 3^4\})$	577895399424
12	$\mathcal{O}(4; \{6^3, 4^8, 3, 2\})$	330225942528
12	$\mathcal{O}(4; \{6^4, 3^2, 2^{10}\})$	9422645760
12	$\mathcal{O}(4; \{6^4, 3^5, 2^6\})$	72811353600
12	$\mathcal{O}(4; \{6^4, 3^8, 2^2\})$	585060641280
12	$\mathcal{O}(4; \{6^4, 4^2, 3^2, 2^7\})$	18919194624
12	$\mathcal{O}(4; \{6^4, 4^2, 3^5, 2^3\})$	146193776640
12	$\mathcal{O}(4; \{6^4, 4^4, 3^2, 2^4\})$	75676778496
12	$\mathcal{O}(4; \{6^4, 4^4, 3^5\})$	584775106560
12	$\mathcal{O}(4; \{6^4, 4^6, 3^2, 2\})$	302707113984
12	$\mathcal{O}(4; \{6^5, 2^{11}\})$	4283020800
12	$\mathcal{O}(4; \{6^5, 3^3, 2^7\})$	36833978880
12	$\mathcal{O}(4; \{6^5, 3^6, 2^3\})$	292102018560
12	$\mathcal{O}(4; \{6^5, 4^2, 2^8\})$	8599633920
12	$\mathcal{O}(4; \{6^5, 4^2, 3^3, 2^4\})$	73956851712
12	$\mathcal{O}(4; \{6^5, 4^2, 3^6\})$	586495033344
12	$\mathcal{O}(4; \{6^5, 4^4, 2^5\})$	34398535680
12	$\mathcal{O}(4; \{6^5, 4^4, 3^3, 2\})$	295827406848
12	$\mathcal{O}(4; \{6^5, 4^6, 2^2\})$	137594142720
12	$\mathcal{O}(4; \{6^6, 3, 2^8\})$	17988687360
12	$\mathcal{O}(4; \{6^6, 3^4, 2^4\})$	146479311360
12	$\mathcal{O}(4; \{6^6, 3^7\})$	1169264678400
12	$\mathcal{O}(4; \{6^6, 4^2, 3, 2^5\})$	36118462464
12	$\mathcal{O}(4; \{6^6, 4^2, 3^4, 2\})$	294107480064
12	$\mathcal{O}(4; \{6^6, 4^4, 3, 2^2\})$	144473849856
12	$\mathcal{O}(4; \{6^7, 3^2, 2^5\})$	72811353600
12	$\mathcal{O}(4; \{6^7, 3^5, 2\})$	585060641280
12	$\mathcal{O}(4; \{6^7, 4^2, 3^2, 2^2\})$	146193776640
12	$\mathcal{O}(4; \{6^8, 2^6\})$	36833978880
12	$\mathcal{O}(4; \{6^8, 3^3, 2^2\})$	292102018560
12	$\mathcal{O}(4; \{6^8, 4^2, 2^3\})$	73956851712
12	$\mathcal{O}(4; \{6^8, 4^4\})$	295827406848
12	$\mathcal{O}(4; \{6^9, 3, 2^3\})$	146479311360
12	$\mathcal{O}(4; \{6^9, 4^2, 3\})$	294107480064
12	$\mathcal{O}(4; \{6^{10}, 3^2\})$	585060641280
12	$\mathcal{O}(4; \{6^{11}, 2\})$	292102018560
12	$\mathcal{O}(4; \{12, 4, 3^3, 2^{12}\})$	5159780352
12	$\mathcal{O}(4; \{12, 4, 3^6, 2^8\})$	36118462464
12	$\mathcal{O}(4; \{12, 4, 3^9, 2^4\})$	294107480064
12	$\mathcal{O}(4; \{12, 4, 3^{12}\})$	2347700060160
12	$\mathcal{O}(4; \{12, 4^3, 3^3, 2^9\})$	20639121408

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12, 4^3, 3^6, 2^5\})$	144473849856
12	$\mathcal{O}(4; \{12, 4^3, 3^9, 2\})$	1176429920256
12	$\mathcal{O}(4; \{12, 4^5, 3^3, 2^6\})$	82556485632
12	$\mathcal{O}(4; \{12, 4^5, 3^6, 2^2\})$	577895399424
12	$\mathcal{O}(4; \{12, 4^7, 3^3, 2^3\})$	330225942528
12	$\mathcal{O}(4; \{12, 4^9, 3^3\})$	1320903770112
12	$\mathcal{O}(4; \{12, 6, 4, 3, 2^{13}\})$	1719926784
12	$\mathcal{O}(4; \{12, 6, 4, 3^4, 2^9\})$	18919194624
12	$\mathcal{O}(4; \{12, 6, 4, 3^7, 2^5\})$	146193776640
12	$\mathcal{O}(4; \{12, 6, 4, 3^{10}, 2\})$	1174709993472
12	$\mathcal{O}(4; \{12, 6, 4^3, 3, 2^{10}\})$	6879707136
12	$\mathcal{O}(4; \{12, 6, 4^3, 3^4, 2^6\})$	75676778496
12	$\mathcal{O}(4; \{12, 6, 4^3, 3^7, 2^2\})$	584775106560
12	$\mathcal{O}(4; \{12, 6, 4^5, 3, 2^7\})$	27518828544
12	$\mathcal{O}(4; \{12, 6, 4^5, 3^4, 2^3\})$	302707113984
12	$\mathcal{O}(4; \{12, 6, 4^7, 3, 2^4\})$	110075314176
12	$\mathcal{O}(4; \{12, 6, 4^7, 3^4\})$	1210828455936
12	$\mathcal{O}(4; \{12, 6, 4^9, 3, 2\})$	440301256704
12	$\mathcal{O}(4; \{12, 6^2, 4, 3^2, 2^{10}\})$	8599633920
12	$\mathcal{O}(4; \{12, 6^2, 4, 3^5, 2^6\})$	73956851712
12	$\mathcal{O}(4; \{12, 6^2, 4, 3^8, 2^2\})$	586495033344
12	$\mathcal{O}(4; \{12, 6^2, 4^3, 3^2, 2^7\})$	34398535680
12	$\mathcal{O}(4; \{12, 6^2, 4^3, 3^5, 2^3\})$	295827406848
12	$\mathcal{O}(4; \{12, 6^2, 4^5, 3^2, 2^4\})$	137594142720
12	$\mathcal{O}(4; \{12, 6^2, 4^5, 3^5\})$	1183309627392
12	$\mathcal{O}(4; \{12, 6^2, 4^7, 3^2, 2\})$	550376570880
12	$\mathcal{O}(4; \{12, 6^3, 4, 2^{11}\})$	5159780352
12	$\mathcal{O}(4; \{12, 6^3, 4, 3^3, 2^7\})$	36118462464
12	$\mathcal{O}(4; \{12, 6^3, 4, 3^6, 2^3\})$	294107480064
12	$\mathcal{O}(4; \{12, 6^3, 4^3, 2^8\})$	20639121408
12	$\mathcal{O}(4; \{12, 6^3, 4^3, 3^3, 2^4\})$	144473849856
12	$\mathcal{O}(4; \{12, 6^3, 4^3, 3^6\})$	1176429920256
12	$\mathcal{O}(4; \{12, 6^3, 4^5, 2^5\})$	82556485632
12	$\mathcal{O}(4; \{12, 6^3, 4^5, 3^3, 2\})$	577895399424
12	$\mathcal{O}(4; \{12, 6^3, 4^7, 2^2\})$	330225942528
12	$\mathcal{O}(4; \{12, 6^4, 4, 3, 2^8\})$	18919194624
12	$\mathcal{O}(4; \{12, 6^4, 4, 3^4, 2^4\})$	146193776640
12	$\mathcal{O}(4; \{12, 6^4, 4, 3^7\})$	1174709993472
12	$\mathcal{O}(4; \{12, 6^4, 4^3, 3, 2^5\})$	75676778496
12	$\mathcal{O}(4; \{12, 6^4, 4^3, 3^4, 2\})$	584775106560
12	$\mathcal{O}(4; \{12, 6^4, 4^5, 3, 2^2\})$	302707113984
12	$\mathcal{O}(4; \{12, 6^5, 4, 3^2, 2^5\})$	73956851712
12	$\mathcal{O}(4; \{12, 6^5, 4, 3^5, 2\})$	586495033344

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12, 6^5, 4^3, 3^2, 2^2\})$	295827406848
12	$\mathcal{O}(4; \{12, 6^6, 4, 2^6\})$	36118462464
12	$\mathcal{O}(4; \{12, 6^6, 4, 3^3, 2^2\})$	294107480064
12	$\mathcal{O}(4; \{12, 6^6, 4^3, 2^3\})$	144473849856
12	$\mathcal{O}(4; \{12, 6^6, 4^5\})$	577895399424
12	$\mathcal{O}(4; \{12, 6^7, 4, 3, 2^3\})$	146193776640
12	$\mathcal{O}(4; \{12, 6^7, 4^3, 3\})$	584775106560
12	$\mathcal{O}(4; \{12, 6^8, 4, 3^2\})$	586495033344
12	$\mathcal{O}(4; \{12, 6^9, 4, 2\})$	294107480064
12	$\mathcal{O}(4; \{12^2, 3^2, 2^{13}\})$	5159780352
12	$\mathcal{O}(4; \{12^2, 3^5, 2^9\})$	36118462464
12	$\mathcal{O}(4; \{12^2, 3^8, 2^5\})$	294107480064
12	$\mathcal{O}(4; \{12^2, 3^{11}, 2\})$	2347700060160
12	$\mathcal{O}(4; \{12^2, 4^2, 3^2, 2^{10}\})$	20639121408
12	$\mathcal{O}(4; \{12^2, 4^2, 3^5, 2^6\})$	144473849856
12	$\mathcal{O}(4; \{12^2, 4^2, 3^8, 2^2\})$	1176429920256
12	$\mathcal{O}(4; \{12^2, 4^4, 3^2, 2^7\})$	82556485632
12	$\mathcal{O}(4; \{12^2, 4^4, 3^5, 2^3\})$	577895399424
12	$\mathcal{O}(4; \{12^2, 4^6, 3^2, 2^4\})$	330225942528
12	$\mathcal{O}(4; \{12^2, 4^6, 3^5\})$	2311581597696
12	$\mathcal{O}(4; \{12^2, 4^8, 3^2, 2\})$	1320903770112
12	$\mathcal{O}(4; \{12^2, 6, 2^{14}\})$	1719926784
12	$\mathcal{O}(4; \{12^2, 6, 3^3, 2^{10}\})$	18919194624
12	$\mathcal{O}(4; \{12^2, 6, 3^6, 2^6\})$	146193776640
12	$\mathcal{O}(4; \{12^2, 6, 3^9, 2^2\})$	1174709993472
12	$\mathcal{O}(4; \{12^2, 6, 4^2, 2^{11}\})$	6879707136
12	$\mathcal{O}(4; \{12^2, 6, 4^2, 3^3, 2^7\})$	75676778496
12	$\mathcal{O}(4; \{12^2, 6, 4^2, 3^6, 2^3\})$	584775106560
12	$\mathcal{O}(4; \{12^2, 6, 4^4, 2^8\})$	27518828544
12	$\mathcal{O}(4; \{12^2, 6, 4^4, 3^3, 2^4\})$	302707113984
12	$\mathcal{O}(4; \{12^2, 6, 4^4, 3^6\})$	2339100426240
12	$\mathcal{O}(4; \{12^2, 6, 4^6, 2^5\})$	110075314176
12	$\mathcal{O}(4; \{12^2, 6, 4^6, 3^3, 2\})$	1210828455936
12	$\mathcal{O}(4; \{12^2, 6, 4^8, 2^2\})$	440301256704
12	$\mathcal{O}(4; \{12^2, 6^2, 3, 2^{11}\})$	8599633920
12	$\mathcal{O}(4; \{12^2, 6^2, 3^4, 2^7\})$	73956851712
12	$\mathcal{O}(4; \{12^2, 6^2, 3^7, 2^3\})$	586495033344
12	$\mathcal{O}(4; \{12^2, 6^2, 4^2, 3, 2^8\})$	34398535680
12	$\mathcal{O}(4; \{12^2, 6^2, 4^2, 3^4, 2^4\})$	295827406848
12	$\mathcal{O}(4; \{12^2, 6^2, 4^2, 3^7\})$	2345980133376
12	$\mathcal{O}(4; \{12^2, 6^2, 4^4, 3, 2^5\})$	137594142720
12	$\mathcal{O}(4; \{12^2, 6^2, 4^4, 3^4, 2\})$	1183309627392
12	$\mathcal{O}(4; \{12^2, 6^2, 4^6, 3, 2^2\})$	550376570880

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^2, 6^3, 3^2, 2^8\})$	36118462464
12	$\mathcal{O}(4; \{12^2, 6^3, 3^5, 2^4\})$	294107480064
12	$\mathcal{O}(4; \{12^2, 6^3, 3^8\})$	2347700060160
12	$\mathcal{O}(4; \{12^2, 6^3, 4^2, 3^2, 2^5\})$	144473849856
12	$\mathcal{O}(4; \{12^2, 6^3, 4^2, 3^5, 2\})$	1176429920256
12	$\mathcal{O}(4; \{12^2, 6^3, 4^4, 3^2, 2^2\})$	577895399424
12	$\mathcal{O}(4; \{12^2, 6^4, 2^9\})$	18919194624
12	$\mathcal{O}(4; \{12^2, 6^4, 3^3, 2^5\})$	146193776640
12	$\mathcal{O}(4; \{12^2, 6^4, 3^6, 2\})$	1174709993472
12	$\mathcal{O}(4; \{12^2, 6^4, 4^2, 2^6\})$	75676778496
12	$\mathcal{O}(4; \{12^2, 6^4, 4^2, 3^3, 2^2\})$	584775106560
12	$\mathcal{O}(4; \{12^2, 6^4, 4^4, 2^3\})$	302707113984
12	$\mathcal{O}(4; \{12^2, 6^4, 4^6\})$	1210828455936
12	$\mathcal{O}(4; \{12^2, 6^5, 3, 2^6\})$	73956851712
12	$\mathcal{O}(4; \{12^2, 6^5, 3^4, 2^2\})$	586495033344
12	$\mathcal{O}(4; \{12^2, 6^5, 4^2, 3, 2^3\})$	295827406848
12	$\mathcal{O}(4; \{12^2, 6^5, 4^4, 3\})$	1183309627392
12	$\mathcal{O}(4; \{12^2, 6^6, 3^2, 2^3\})$	294107480064
12	$\mathcal{O}(4; \{12^2, 6^6, 4^2, 3^2\})$	1176429920256
12	$\mathcal{O}(4; \{12^2, 6^7, 2^4\})$	146193776640
12	$\mathcal{O}(4; \{12^2, 6^7, 3^3\})$	1174709993472
12	$\mathcal{O}(4; \{12^2, 6^7, 4^2, 2\})$	584775106560
12	$\mathcal{O}(4; \{12^2, 6^8, 3, 2\})$	586495033344
12	$\mathcal{O}(4; \{12^3, 4, 3, 2^{11}\})$	20639121408
12	$\mathcal{O}(4; \{12^3, 4, 3^4, 2^7\})$	144473849856
12	$\mathcal{O}(4; \{12^3, 4, 3^7, 2^3\})$	1176429920256
12	$\mathcal{O}(4; \{12^3, 4^3, 3, 2^8\})$	82556485632
12	$\mathcal{O}(4; \{12^3, 4^3, 3^4, 2^4\})$	577895399424
12	$\mathcal{O}(4; \{12^3, 4^3, 3^7\})$	4705719681024
12	$\mathcal{O}(4; \{12^3, 4^5, 3, 2^5\})$	330225942528
12	$\mathcal{O}(4; \{12^3, 4^5, 3^4, 2\})$	2311581597696
12	$\mathcal{O}(4; \{12^3, 4^7, 3, 2^2\})$	1320903770112
12	$\mathcal{O}(4; \{12^3, 6, 4, 3^2, 2^8\})$	75676778496
12	$\mathcal{O}(4; \{12^3, 6, 4, 3^5, 2^4\})$	584775106560
12	$\mathcal{O}(4; \{12^3, 6, 4, 3^8\})$	4698839973888
12	$\mathcal{O}(4; \{12^3, 6, 4^3, 3^2, 2^5\})$	302707113984
12	$\mathcal{O}(4; \{12^3, 6, 4^3, 3^5, 2\})$	2339100426240
12	$\mathcal{O}(4; \{12^3, 6, 4^5, 3^2, 2^2\})$	1210828455936
12	$\mathcal{O}(4; \{12^3, 6^2, 4, 2^9\})$	34398535680
12	$\mathcal{O}(4; \{12^3, 6^2, 4, 3^3, 2^5\})$	295827406848
12	$\mathcal{O}(4; \{12^3, 6^2, 4, 3^6, 2\})$	2345980133376
12	$\mathcal{O}(4; \{12^3, 6^2, 4^3, 2^6\})$	137594142720
12	$\mathcal{O}(4; \{12^3, 6^2, 4^3, 3^3, 2^2\})$	1183309627392

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^3, 6^2, 4^5, 2^3\})$	550376570880
12	$\mathcal{O}(4; \{12^3, 6^2, 4^7\})$	2201506283520
12	$\mathcal{O}(4; \{12^3, 6^3, 4, 3, 2^6\})$	144473849856
12	$\mathcal{O}(4; \{12^3, 6^3, 4, 3^4, 2^2\})$	1176429920256
12	$\mathcal{O}(4; \{12^3, 6^3, 4^3, 3, 2^3\})$	577895399424
12	$\mathcal{O}(4; \{12^3, 6^3, 4^5, 3\})$	2311581597696
12	$\mathcal{O}(4; \{12^3, 6^4, 4, 3^2, 2^3\})$	584775106560
12	$\mathcal{O}(4; \{12^3, 6^4, 4^3, 3^2\})$	2339100426240
12	$\mathcal{O}(4; \{12^3, 6^5, 4, 2^4\})$	295827406848
12	$\mathcal{O}(4; \{12^3, 6^5, 4, 3^3\})$	2345980133376
12	$\mathcal{O}(4; \{12^3, 6^5, 4^3, 2\})$	1183309627392
12	$\mathcal{O}(4; \{12^3, 6^6, 4, 3, 2\})$	1176429920256
12	$\mathcal{O}(4; \{12^4, 2^{12}\})$	20639121408
12	$\mathcal{O}(4; \{12^4, 3^3, 2^8\})$	144473849856
12	$\mathcal{O}(4; \{12^4, 3^6, 2^4\})$	1176429920256
12	$\mathcal{O}(4; \{12^4, 3^9\})$	9390800240640
12	$\mathcal{O}(4; \{12^4, 4^2, 2^9\})$	82556485632
12	$\mathcal{O}(4; \{12^4, 4^2, 3^3, 2^5\})$	577895399424
12	$\mathcal{O}(4; \{12^4, 4^2, 3^6, 2\})$	4705719681024
12	$\mathcal{O}(4; \{12^4, 4^4, 2^6\})$	330225942528
12	$\mathcal{O}(4; \{12^4, 4^4, 3^3, 2^2\})$	2311581597696
12	$\mathcal{O}(4; \{12^4, 4^6, 2^3\})$	1320903770112
12	$\mathcal{O}(4; \{12^4, 4^8\})$	5283615080448
12	$\mathcal{O}(4; \{12^4, 6, 3, 2^9\})$	75676778496
12	$\mathcal{O}(4; \{12^4, 6, 3^4, 2^5\})$	584775106560
12	$\mathcal{O}(4; \{12^4, 6, 3^7, 2\})$	4698839973888
12	$\mathcal{O}(4; \{12^4, 6, 4^2, 3, 2^6\})$	302707113984
12	$\mathcal{O}(4; \{12^4, 6, 4^2, 3^4, 2^2\})$	2339100426240
12	$\mathcal{O}(4; \{12^4, 6, 4^4, 3, 2^3\})$	1210828455936
12	$\mathcal{O}(4; \{12^4, 6, 4^6, 3\})$	4843313823744
12	$\mathcal{O}(4; \{12^4, 6^2, 3^2, 2^6\})$	295827406848
12	$\mathcal{O}(4; \{12^4, 6^2, 3^5, 2^2\})$	2345980133376
12	$\mathcal{O}(4; \{12^4, 6^2, 4^2, 3^2, 2^3\})$	1183309627392
12	$\mathcal{O}(4; \{12^4, 6^2, 4^4, 3^2\})$	4733238509568
12	$\mathcal{O}(4; \{12^4, 6^3, 2^7\})$	144473849856
12	$\mathcal{O}(4; \{12^4, 6^3, 3^3, 2^3\})$	1176429920256
12	$\mathcal{O}(4; \{12^4, 6^3, 4^2, 2^4\})$	577895399424
12	$\mathcal{O}(4; \{12^4, 6^3, 4^2, 3^3\})$	4705719681024
12	$\mathcal{O}(4; \{12^4, 6^3, 4^4, 2\})$	2311581597696
12	$\mathcal{O}(4; \{12^4, 6^4, 3, 2^4\})$	584775106560
12	$\mathcal{O}(4; \{12^4, 6^4, 3^4\})$	4698839973888
12	$\mathcal{O}(4; \{12^4, 6^4, 4^2, 3, 2\})$	2339100426240
12	$\mathcal{O}(4; \{12^4, 6^5, 3^2, 2\})$	2345980133376

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^4, 6^6, 2^2\})$	1176429920256
12	$\mathcal{O}(4; \{12^5, 4, 3^2, 2^6\})$	577895399424
12	$\mathcal{O}(4; \{12^5, 4, 3^5, 2^2\})$	4705719681024
12	$\mathcal{O}(4; \{12^5, 4^3, 3^2, 2^3\})$	2311581597696
12	$\mathcal{O}(4; \{12^5, 4^5, 3^2\})$	9246326390784
12	$\mathcal{O}(4; \{12^5, 6, 4, 2^7\})$	302707113984
12	$\mathcal{O}(4; \{12^5, 6, 4, 3^3, 2^3\})$	2339100426240
12	$\mathcal{O}(4; \{12^5, 6, 4^3, 2^4\})$	1210828455936
12	$\mathcal{O}(4; \{12^5, 6, 4^3, 3^3\})$	9356401704960
12	$\mathcal{O}(4; \{12^5, 6, 4^5, 2\})$	4843313823744
12	$\mathcal{O}(4; \{12^5, 6^2, 4, 3, 2^4\})$	1183309627392
12	$\mathcal{O}(4; \{12^5, 6^2, 4, 3^4\})$	9383920533504
12	$\mathcal{O}(4; \{12^5, 6^2, 4^3, 3, 2\})$	4733238509568
12	$\mathcal{O}(4; \{12^5, 6^3, 4, 3^2, 2\})$	4705719681024
12	$\mathcal{O}(4; \{12^5, 6^4, 4, 2^2\})$	2339100426240
12	$\mathcal{O}(4; \{12^6, 3, 2^7\})$	577895399424
12	$\mathcal{O}(4; \{12^6, 3^4, 2^3\})$	4705719681024
12	$\mathcal{O}(4; \{12^6, 4^2, 3, 2^4\})$	2311581597696
12	$\mathcal{O}(4; \{12^6, 4^2, 3^4\})$	18822878724096
12	$\mathcal{O}(4; \{12^6, 4^4, 3, 2\})$	9246326390784
12	$\mathcal{O}(4; \{12^6, 6, 3^2, 2^4\})$	2339100426240
12	$\mathcal{O}(4; \{12^6, 6, 3^5\})$	18795359895552
12	$\mathcal{O}(4; \{12^6, 6, 4^2, 3^2, 2\})$	9356401704960
12	$\mathcal{O}(4; \{12^6, 6^2, 2^5\})$	1183309627392
12	$\mathcal{O}(4; \{12^6, 6^2, 3^3, 2\})$	9383920533504
12	$\mathcal{O}(4; \{12^6, 6^2, 4^2, 2^2\})$	4733238509568
12	$\mathcal{O}(4; \{12^6, 6^3, 3, 2^2\})$	4705719681024
12	$\mathcal{O}(4; \{12^6, 6^5\})$	9383920533504
12	$\mathcal{O}(4; \{12^7, 4, 2^5\})$	2311581597696
12	$\mathcal{O}(4; \{12^7, 4, 3^3, 2\})$	18822878724096
12	$\mathcal{O}(4; \{12^7, 4^3, 2^2\})$	9246326390784
12	$\mathcal{O}(4; \{12^7, 6, 4, 3, 2^2\})$	9356401704960
12	$\mathcal{O}(4; \{12^7, 6^3, 4\})$	18822878724096
12	$\mathcal{O}(4; \{12^8, 3^2, 2^2\})$	18822878724096
12	$\mathcal{O}(4; \{12^8, 6, 2^3\})$	9356401704960
12	$\mathcal{O}(4; \{12^8, 6, 4^2\})$	37425606819840
12	$\mathcal{O}(4; \{12^8, 6^2, 3\})$	37535682134016
12	$\mathcal{O}(4; \{12^9, 4, 3\})$	75291514896384
12	$\mathcal{O}(4; \{12^{10}, 2\})$	75291514896384
12	$\mathcal{O}(3; \{3^4, 2^{18}\})$	17635968
12	$\mathcal{O}(3; \{3^7, 2^{14}\})$	123451776
12	$\mathcal{O}(3; \{3^{10}, 2^{10}\})$	1005250176
12	$\mathcal{O}(3; \{3^{13}, 2^6\})$	8024365440

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{3^{16}, 2^{22}\})$	64212559488
12	$\mathcal{O}(3; \{4^2, 3^4, 2^{15}\})$	35831808
12	$\mathcal{O}(3; \{4^2, 3^7, 2^{11}\})$	250822656
12	$\mathcal{O}(3; \{4^2, 3^{10}, 2^7\})$	2042413056
12	$\mathcal{O}(3; \{4^2, 3^{13}, 2^3\})$	16303472640
12	$\mathcal{O}(3; \{4^4, 3^4, 2^{12}\})$	143327232
12	$\mathcal{O}(3; \{4^4, 3^7, 2^8\})$	1003290624
12	$\mathcal{O}(3; \{4^4, 3^{10}, 2^4\})$	8169652224
12	$\mathcal{O}(3; \{4^4, 3^{13}\})$	65213890560
12	$\mathcal{O}(3; \{4^6, 3^4, 2^9\})$	573308928
12	$\mathcal{O}(3; \{4^6, 3^7, 2^5\})$	4013162496
12	$\mathcal{O}(3; \{4^6, 3^{10}, 2\})$	32678608896
12	$\mathcal{O}(3; \{4^8, 3^4, 2^6\})$	2293235712
12	$\mathcal{O}(3; \{4^8, 3^7, 2^2\})$	16052649984
12	$\mathcal{O}(3; \{4^{10}, 3^4, 2^3\})$	9172942848
12	$\mathcal{O}(3; \{4^{12}, 3^4\})$	36691771392
12	$\mathcal{O}(3; \{6, 3^2, 2^{19}\})$	5878656
12	$\mathcal{O}(3; \{6, 3^5, 2^{15}\})$	64665216
12	$\mathcal{O}(3; \{6, 3^8, 2^{11}\})$	499685760
12	$\mathcal{O}(3; \{6, 3^{11}, 2^7\})$	4015122048
12	$\mathcal{O}(3; \{6, 3^{14}, 2^3\})$	32103340416
12	$\mathcal{O}(3; \{6, 4^2, 3^2, 2^{16}\})$	11943936
12	$\mathcal{O}(3; \{6, 4^2, 3^5, 2^{12}\})$	131383296
12	$\mathcal{O}(3; \{6, 4^2, 3^8, 2^8\})$	1015234560
12	$\mathcal{O}(3; \{6, 4^2, 3^{11}, 2^4\})$	8157708288
12	$\mathcal{O}(3; \{6, 4^2, 3^{14}\})$	65225834496
12	$\mathcal{O}(3; \{6, 4^4, 3^2, 2^{13}\})$	47775744
12	$\mathcal{O}(3; \{6, 4^4, 3^5, 2^9\})$	525533184
12	$\mathcal{O}(3; \{6, 4^4, 3^8, 2^5\})$	4060938240
12	$\mathcal{O}(3; \{6, 4^4, 3^{11}, 2\})$	32630833152
12	$\mathcal{O}(3; \{6, 4^6, 3^2, 2^{10}\})$	191102976
12	$\mathcal{O}(3; \{6, 4^6, 3^5, 2^6\})$	2102132736
12	$\mathcal{O}(3; \{6, 4^6, 3^8, 2^2\})$	16243752960
12	$\mathcal{O}(3; \{6, 4^8, 3^2, 2^7\})$	764411904
12	$\mathcal{O}(3; \{6, 4^8, 3^5, 2^3\})$	8408530944
12	$\mathcal{O}(3; \{6, 4^{10}, 3^2, 2^4\})$	3057647616
12	$\mathcal{O}(3; \{6, 4^{10}, 3^5\})$	33634123776
12	$\mathcal{O}(3; \{6, 4^{12}, 3^2, 2\})$	12230590464
12	$\mathcal{O}(3; \{6^2, 2^{20}\})$	5878656
12	$\mathcal{O}(3; \{6^2, 3^3, 2^{16}\})$	29393280
12	$\mathcal{O}(3; \{6^2, 3^6, 2^{12}\})$	252782208
12	$\mathcal{O}(3; \{6^2, 3^9, 2^8\})$	2004621696
12	$\mathcal{O}(3; \{6^2, 3^{12}, 2^4\})$	16054609536

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{6^2, 3^{15}\})$	128419240320
12	$\mathcal{O}(3; \{6^2, 4^2, 2^{17}\})$	11943936
12	$\mathcal{O}(3; \{6^2, 4^2, 3^3, 2^{13}\})$	59719680
12	$\mathcal{O}(3; \{6^2, 4^2, 3^6, 2^9\})$	513589248
12	$\mathcal{O}(3; \{6^2, 4^2, 3^9, 2^5\})$	4072882176
12	$\mathcal{O}(3; \{6^2, 4^2, 3^{12}, 2\})$	32618889216
12	$\mathcal{O}(3; \{6^2, 4^4, 2^{14}\})$	47775744
12	$\mathcal{O}(3; \{6^2, 4^4, 3^3, 2^{10}\})$	238878720
12	$\mathcal{O}(3; \{6^2, 4^4, 3^6, 2^6\})$	2054356992
12	$\mathcal{O}(3; \{6^2, 4^4, 3^9, 2^2\})$	16291528704
12	$\mathcal{O}(3; \{6^2, 4^6, 2^{11}\})$	191102976
12	$\mathcal{O}(3; \{6^2, 4^6, 3^3, 2^7\})$	955514880
12	$\mathcal{O}(3; \{6^2, 4^6, 3^6, 2^3\})$	8217427968
12	$\mathcal{O}(3; \{6^2, 4^8, 2^8\})$	764411904
12	$\mathcal{O}(3; \{6^2, 4^8, 3^3, 2^4\})$	3822059520
12	$\mathcal{O}(3; \{6^2, 4^8, 3^6\})$	32869711872
12	$\mathcal{O}(3; \{6^2, 4^{10}, 2^5\})$	3057647616
12	$\mathcal{O}(3; \{6^2, 4^{10}, 3^3, 2\})$	15288238080
12	$\mathcal{O}(3; \{6^2, 4^{12}, 2^2\})$	12230590464
12	$\mathcal{O}(3; \{6^3, 3, 2^{17}\})$	17635968
12	$\mathcal{O}(3; \{6^3, 3^4, 2^{13}\})$	123451776
12	$\mathcal{O}(3; \{6^3, 3^7, 2^9\})$	1005250176
12	$\mathcal{O}(3; \{6^3, 3^{10}, 2^5\})$	8024365440
12	$\mathcal{O}(3; \{6^3, 3^{13}, 2\})$	64212559488
12	$\mathcal{O}(3; \{6^3, 4^2, 3, 2^{14}\})$	35831808
12	$\mathcal{O}(3; \{6^3, 4^2, 3^4, 2^{10}\})$	250822656
12	$\mathcal{O}(3; \{6^3, 4^2, 3^7, 2^6\})$	2042413056
12	$\mathcal{O}(3; \{6^3, 4^2, 3^{10}, 2^2\})$	16303472640
12	$\mathcal{O}(3; \{6^3, 4^4, 3, 2^{11}\})$	143327232
12	$\mathcal{O}(3; \{6^3, 4^4, 3^4, 2^7\})$	1003290624
12	$\mathcal{O}(3; \{6^3, 4^4, 3^7, 2^3\})$	8169652224
12	$\mathcal{O}(3; \{6^3, 4^6, 3, 2^8\})$	573308928
12	$\mathcal{O}(3; \{6^3, 4^6, 3^4, 2^4\})$	4013162496
12	$\mathcal{O}(3; \{6^3, 4^6, 3^7\})$	32678608896
12	$\mathcal{O}(3; \{6^3, 4^8, 3, 2^5\})$	2293235712
12	$\mathcal{O}(3; \{6^3, 4^8, 3^4, 2\})$	16052649984
12	$\mathcal{O}(3; \{6^3, 4^{10}, 3, 2^2\})$	9172942848
12	$\mathcal{O}(3; \{6^4, 3^2, 2^{14}\})$	64665216
12	$\mathcal{O}(3; \{6^4, 3^5, 2^{10}\})$	499685760
12	$\mathcal{O}(3; \{6^4, 3^8, 2^6\})$	4015122048
12	$\mathcal{O}(3; \{6^4, 3^{11}, 2^2\})$	32103340416
12	$\mathcal{O}(3; \{6^4, 4^2, 3^2, 2^{11}\})$	131383296
12	$\mathcal{O}(3; \{6^4, 4^2, 3^5, 2^7\})$	1015234560

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{6^4, 4^2, 3^8, 2^3\})$	8157708288
12	$\mathcal{O}(3; \{6^4, 4^4, 3^2, 2^8\})$	525533184
12	$\mathcal{O}(3; \{6^4, 4^4, 3^5, 2^4\})$	4060938240
12	$\mathcal{O}(3; \{6^4, 4^4, 3^8\})$	32630833152
12	$\mathcal{O}(3; \{6^4, 4^6, 3^2, 2^5\})$	2102132736
12	$\mathcal{O}(3; \{6^4, 4^6, 3^5, 2\})$	16243752960
12	$\mathcal{O}(3; \{6^4, 4^8, 3^2, 2^2\})$	8408530944
12	$\mathcal{O}(3; \{6^5, 2^{15}\})$	29393280
12	$\mathcal{O}(3; \{6^5, 3^3, 2^{11}\})$	252782208
12	$\mathcal{O}(3; \{6^5, 3^6, 2^7\})$	2004621696
12	$\mathcal{O}(3; \{6^5, 3^9, 2^3\})$	16054609536
12	$\mathcal{O}(3; \{6^5, 4^2, 2^{12}\})$	59719680
12	$\mathcal{O}(3; \{6^5, 4^2, 3^3, 2^8\})$	513589248
12	$\mathcal{O}(3; \{6^5, 4^2, 3^6, 2^4\})$	4072882176
12	$\mathcal{O}(3; \{6^5, 4^2, 3^9\})$	32618889216
12	$\mathcal{O}(3; \{6^5, 4^4, 2^9\})$	238878720
12	$\mathcal{O}(3; \{6^5, 4^4, 3^3, 2^5\})$	2054356992
12	$\mathcal{O}(3; \{6^5, 4^4, 3^6, 2\})$	16291528704
12	$\mathcal{O}(3; \{6^5, 4^6, 2^6\})$	955514880
12	$\mathcal{O}(3; \{6^5, 4^6, 3^3, 2^2\})$	8217427968
12	$\mathcal{O}(3; \{6^5, 4^8, 2^3\})$	3822059520
12	$\mathcal{O}(3; \{6^5, 4^{10}\})$	15288238080
12	$\mathcal{O}(3; \{6^6, 3, 2^{12}\})$	123451776
12	$\mathcal{O}(3; \{6^6, 3^4, 2^8\})$	1005250176
12	$\mathcal{O}(3; \{6^6, 3^7, 2^4\})$	8024365440
12	$\mathcal{O}(3; \{6^6, 3^{10}\})$	64212559488
12	$\mathcal{O}(3; \{6^6, 4^2, 3, 2^9\})$	250822656
12	$\mathcal{O}(3; \{6^6, 4^2, 3^4, 2^5\})$	2042413056
12	$\mathcal{O}(3; \{6^6, 4^2, 3^7, 2\})$	16303472640
12	$\mathcal{O}(3; \{6^6, 4^4, 3, 2^6\})$	1003290624
12	$\mathcal{O}(3; \{6^6, 4^4, 3^4, 2^2\})$	8169652224
12	$\mathcal{O}(3; \{6^6, 4^6, 3, 2^3\})$	4013162496
12	$\mathcal{O}(3; \{6^6, 4^8, 3\})$	16052649984
12	$\mathcal{O}(3; \{6^7, 3^2, 2^9\})$	499685760
12	$\mathcal{O}(3; \{6^7, 3^5, 2^5\})$	4015122048
12	$\mathcal{O}(3; \{6^7, 3^8, 2\})$	32103340416
12	$\mathcal{O}(3; \{6^7, 4^2, 3^2, 2^6\})$	1015234560
12	$\mathcal{O}(3; \{6^7, 4^2, 3^5, 2^2\})$	8157708288
12	$\mathcal{O}(3; \{6^7, 4^4, 3^2, 2^3\})$	4060938240
12	$\mathcal{O}(3; \{6^7, 4^6, 3^2\})$	16243752960
12	$\mathcal{O}(3; \{6^8, 2^{10}\})$	252782208
12	$\mathcal{O}(3; \{6^8, 3^3, 2^6\})$	2004621696
12	$\mathcal{O}(3; \{6^8, 3^6, 2^2\})$	16054609536

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{6^8, 4^2, 2^7\})$	513589248
12	$\mathcal{O}(3; \{6^8, 4^2, 3^3, 2^3\})$	4072882176
12	$\mathcal{O}(3; \{6^8, 4^4, 2^4\})$	2054356992
12	$\mathcal{O}(3; \{6^8, 4^4, 3^3\})$	16291528704
12	$\mathcal{O}(3; \{6^8, 4^6, 2\})$	8217427968
12	$\mathcal{O}(3; \{6^9, 3, 2^7\})$	1005250176
12	$\mathcal{O}(3; \{6^9, 3^4, 2^3\})$	8024365440
12	$\mathcal{O}(3; \{6^9, 4^2, 3, 2^4\})$	2042413056
12	$\mathcal{O}(3; \{6^9, 4^2, 3^4\})$	16303472640
12	$\mathcal{O}(3; \{6^9, 4^4, 3, 2\})$	8169652224
12	$\mathcal{O}(3; \{6^{10}, 3^2, 2^4\})$	4015122048
12	$\mathcal{O}(3; \{6^{10}, 3^5\})$	32103340416
12	$\mathcal{O}(3; \{6^{10}, 4^2, 3^2, 2\})$	8157708288
12	$\mathcal{O}(3; \{6^{11}, 2^5\})$	2004621696
12	$\mathcal{O}(3; \{6^{11}, 3^3, 2\})$	16054609536
12	$\mathcal{O}(3; \{6^{11}, 4^2, 2^2\})$	4072882176
12	$\mathcal{O}(3; \{6^{12}, 3, 2^2\})$	8024365440
12	$\mathcal{O}(3; \{6^{14}\})$	16054609536
12	$\mathcal{O}(3; \{12, 4, 3^3, 2^{16}\})$	35831808
12	$\mathcal{O}(3; \{12, 4, 3^6, 2^{12}\})$	250822656
12	$\mathcal{O}(3; \{12, 4, 3^9, 2^8\})$	2042413056
12	$\mathcal{O}(3; \{12, 4, 3^{12}, 2^4\})$	16303472640
12	$\mathcal{O}(3; \{12, 4, 3^{15}\})$	130463612928
12	$\mathcal{O}(3; \{12, 4^3, 3^3, 2^{13}\})$	143327232
12	$\mathcal{O}(3; \{12, 4^3, 3^6, 2^9\})$	1003290624
12	$\mathcal{O}(3; \{12, 4^3, 3^9, 2^5\})$	8169652224
12	$\mathcal{O}(3; \{12, 4^3, 3^{12}, 2\})$	65213890560
12	$\mathcal{O}(3; \{12, 4^5, 3^3, 2^{10}\})$	573308928
12	$\mathcal{O}(3; \{12, 4^5, 3^6, 2^6\})$	4013162496
12	$\mathcal{O}(3; \{12, 4^5, 3^9, 2^2\})$	32678608896
12	$\mathcal{O}(3; \{12, 4^7, 3^3, 2^7\})$	2293235712
12	$\mathcal{O}(3; \{12, 4^7, 3^6, 2^3\})$	16052649984
12	$\mathcal{O}(3; \{12, 4^9, 3^3, 2^4\})$	9172942848
12	$\mathcal{O}(3; \{12, 4^9, 3^6\})$	64210599936
12	$\mathcal{O}(3; \{12, 4^{11}, 3^3, 2\})$	36691771392
12	$\mathcal{O}(3; \{12, 6, 4, 3, 2^{17}\})$	11943936
12	$\mathcal{O}(3; \{12, 6, 4, 3^4, 2^{13}\})$	131383296
12	$\mathcal{O}(3; \{12, 6, 4, 3^7, 2^9\})$	1015234560
12	$\mathcal{O}(3; \{12, 6, 4, 3^{10}, 2^5\})$	8157708288
12	$\mathcal{O}(3; \{12, 6, 4, 3^{13}, 2\})$	65225834496
12	$\mathcal{O}(3; \{12, 6, 4^3, 3, 2^{14}\})$	47775744
12	$\mathcal{O}(3; \{12, 6, 4^3, 3^4, 2^{10}\})$	525533184
12	$\mathcal{O}(3; \{12, 6, 4^3, 3^7, 2^6\})$	4060938240

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12, 6, 4^3, 3^{10}, 2^2\})$	32630833152
12	$\mathcal{O}(3; \{12, 6, 4^5, 3, 2^{11}\})$	191102976
12	$\mathcal{O}(3; \{12, 6, 4^5, 3^4, 2^7\})$	2102132736
12	$\mathcal{O}(3; \{12, 6, 4^5, 3^7, 2^3\})$	16243752960
12	$\mathcal{O}(3; \{12, 6, 4^7, 3, 2^8\})$	764411904
12	$\mathcal{O}(3; \{12, 6, 4^7, 3^4, 2^4\})$	8408530944
12	$\mathcal{O}(3; \{12, 6, 4^7, 3^7\})$	64975011840
12	$\mathcal{O}(3; \{12, 6, 4^9, 3, 2^5\})$	3057647616
12	$\mathcal{O}(3; \{12, 6, 4^9, 3^4, 2\})$	33634123776
12	$\mathcal{O}(3; \{12, 6, 4^{11}, 3, 2^2\})$	12230590464
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^2, 2^{14}\})$	59719680
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^5, 2^{10}\})$	513589248
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^8, 2^6\})$	4072882176
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^{11}, 2^2\})$	32618889216
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 3^2, 2^{11}\})$	238878720
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 3^5, 2^7\})$	2054356992
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 3^8, 2^3\})$	16291528704
12	$\mathcal{O}(3; \{12, 6^2, 4^5, 3^2, 2^8\})$	955514880
12	$\mathcal{O}(3; \{12, 6^2, 4^5, 3^5, 2^4\})$	8217427968
12	$\mathcal{O}(3; \{12, 6^2, 4^5, 3^8\})$	65166114816
12	$\mathcal{O}(3; \{12, 6^2, 4^7, 3^2, 2^5\})$	3822059520
12	$\mathcal{O}(3; \{12, 6^2, 4^7, 3^5, 2\})$	32869711872
12	$\mathcal{O}(3; \{12, 6^2, 4^9, 3^2, 2^2\})$	15288238080
12	$\mathcal{O}(3; \{12, 6^3, 4, 2^{15}\})$	35831808
12	$\mathcal{O}(3; \{12, 6^3, 4, 3^3, 2^{11}\})$	250822656
12	$\mathcal{O}(3; \{12, 6^3, 4, 3^6, 2^7\})$	2042413056
12	$\mathcal{O}(3; \{12, 6^3, 4, 3^9, 2^3\})$	16303472640
12	$\mathcal{O}(3; \{12, 6^3, 4^3, 2^{12}\})$	143327232
12	$\mathcal{O}(3; \{12, 6^3, 4^3, 3^3, 2^8\})$	1003290624
12	$\mathcal{O}(3; \{12, 6^3, 4^3, 3^6, 2^4\})$	8169652224
12	$\mathcal{O}(3; \{12, 6^3, 4^3, 3^9\})$	65213890560
12	$\mathcal{O}(3; \{12, 6^3, 4^5, 2^9\})$	573308928
12	$\mathcal{O}(3; \{12, 6^3, 4^5, 3^3, 2^5\})$	4013162496
12	$\mathcal{O}(3; \{12, 6^3, 4^5, 3^6, 2\})$	32678608896
12	$\mathcal{O}(3; \{12, 6^3, 4^7, 2^6\})$	2293235712
12	$\mathcal{O}(3; \{12, 6^3, 4^7, 3^3, 2^2\})$	16052649984
12	$\mathcal{O}(3; \{12, 6^3, 4^9, 2^3\})$	9172942848
12	$\mathcal{O}(3; \{12, 6^3, 4^{11}\})$	36691771392
12	$\mathcal{O}(3; \{12, 6^4, 4, 3, 2^{12}\})$	131383296
12	$\mathcal{O}(3; \{12, 6^4, 4, 3^4, 2^8\})$	1015234560
12	$\mathcal{O}(3; \{12, 6^4, 4, 3^7, 2^4\})$	8157708288
12	$\mathcal{O}(3; \{12, 6^4, 4, 3^{10}\})$	65225834496
12	$\mathcal{O}(3; \{12, 6^4, 4^3, 3, 2^9\})$	525533184

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12, 6^4, 4^3, 3^4, 2^5\})$	4060938240
12	$\mathcal{O}(3; \{12, 6^4, 4^3, 3^7, 2\})$	32630833152
12	$\mathcal{O}(3; \{12, 6^4, 4^5, 3, 2^6\})$	2102132736
12	$\mathcal{O}(3; \{12, 6^4, 4^5, 3^4, 2^2\})$	16243752960
12	$\mathcal{O}(3; \{12, 6^4, 4^7, 3, 2^3\})$	8408530944
12	$\mathcal{O}(3; \{12, 6^4, 4^9, 3\})$	33634123776
12	$\mathcal{O}(3; \{12, 6^5, 4, 3^2, 2^9\})$	513589248
12	$\mathcal{O}(3; \{12, 6^5, 4, 3^5, 2^5\})$	4072882176
12	$\mathcal{O}(3; \{12, 6^5, 4, 3^8, 2\})$	32618889216
12	$\mathcal{O}(3; \{12, 6^5, 4^3, 3^2, 2^6\})$	2054356992
12	$\mathcal{O}(3; \{12, 6^5, 4^3, 3^5, 2^2\})$	16291528704
12	$\mathcal{O}(3; \{12, 6^5, 4^5, 3^2, 2^3\})$	8217427968
12	$\mathcal{O}(3; \{12, 6^5, 4^7, 3^2\})$	32869711872
12	$\mathcal{O}(3; \{12, 6^6, 4, 2^{10}\})$	250822656
12	$\mathcal{O}(3; \{12, 6^6, 4, 3^3, 2^6\})$	2042413056
12	$\mathcal{O}(3; \{12, 6^6, 4, 3^6, 2^2\})$	16303472640
12	$\mathcal{O}(3; \{12, 6^6, 4^3, 2^7\})$	1003290624
12	$\mathcal{O}(3; \{12, 6^6, 4^3, 3^3, 2^3\})$	8169652224
12	$\mathcal{O}(3; \{12, 6^6, 4^5, 2^4\})$	4013162496
12	$\mathcal{O}(3; \{12, 6^6, 4^5, 3^3\})$	32678608896
12	$\mathcal{O}(3; \{12, 6^6, 4^7, 2\})$	16052649984
12	$\mathcal{O}(3; \{12, 6^7, 4, 3, 2^7\})$	1015234560
12	$\mathcal{O}(3; \{12, 6^7, 4, 3^4, 2^3\})$	8157708288
12	$\mathcal{O}(3; \{12, 6^7, 4^3, 3, 2^4\})$	4060938240
12	$\mathcal{O}(3; \{12, 6^7, 4^3, 3^4\})$	32630833152
12	$\mathcal{O}(3; \{12, 6^7, 4^5, 3, 2\})$	16243752960
12	$\mathcal{O}(3; \{12, 6^8, 4, 3^2, 2^4\})$	4072882176
12	$\mathcal{O}(3; \{12, 6^8, 4, 3^5\})$	32618889216
12	$\mathcal{O}(3; \{12, 6^8, 4^3, 3^2, 2\})$	16291528704
12	$\mathcal{O}(3; \{12, 6^9, 4, 2^5\})$	2042413056
12	$\mathcal{O}(3; \{12, 6^9, 4, 3^3, 2\})$	16303472640
12	$\mathcal{O}(3; \{12, 6^9, 4^3, 2^2\})$	8169652224
12	$\mathcal{O}(3; \{12, 6^{10}, 4, 3, 2^2\})$	8157708288
12	$\mathcal{O}(3; \{12, 6^{12}, 4\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 3^2, 2^{17}\})$	35831808
12	$\mathcal{O}(3; \{12^2, 3^5, 2^{13}\})$	250822656
12	$\mathcal{O}(3; \{12^2, 3^8, 2^9\})$	2042413056
12	$\mathcal{O}(3; \{12^2, 3^{11}, 2^5\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 3^{14}, 2\})$	130463612928
12	$\mathcal{O}(3; \{12^2, 4^2, 3^2, 2^{14}\})$	143327232
12	$\mathcal{O}(3; \{12^2, 4^2, 3^5, 2^{10}\})$	1003290624
12	$\mathcal{O}(3; \{12^2, 4^2, 3^8, 2^6\})$	8169652224
12	$\mathcal{O}(3; \{12^2, 4^2, 3^{11}, 2^2\})$	65213890560

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^2, 4^4, 3^2, 2^{11}\})$	573308928
12	$\mathcal{O}(3; \{12^2, 4^4, 3^5, 2^7\})$	4013162496
12	$\mathcal{O}(3; \{12^2, 4^4, 3^8, 2^3\})$	32678608896
12	$\mathcal{O}(3; \{12^2, 4^6, 3^2, 2^8\})$	2293235712
12	$\mathcal{O}(3; \{12^2, 4^6, 3^5, 2^4\})$	16052649984
12	$\mathcal{O}(3; \{12^2, 4^6, 3^8\})$	130714435584
12	$\mathcal{O}(3; \{12^2, 4^8, 3^2, 2^5\})$	9172942848
12	$\mathcal{O}(3; \{12^2, 4^8, 3^5, 2\})$	64210599936
12	$\mathcal{O}(3; \{12^2, 4^{10}, 3^2, 2^2\})$	36691771392
12	$\mathcal{O}(3; \{12^2, 6, 2^{18}\})$	11943936
12	$\mathcal{O}(3; \{12^2, 6, 3^3, 2^{14}\})$	131383296
12	$\mathcal{O}(3; \{12^2, 6, 3^6, 2^{10}\})$	1015234560
12	$\mathcal{O}(3; \{12^2, 6, 3^9, 2^6\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 6, 3^{12}, 2^2\})$	65225834496
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 2^{15}\})$	47775744
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3^3, 2^{11}\})$	525533184
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3^6, 2^7\})$	4060938240
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3^9, 2^3\})$	32630833152
12	$\mathcal{O}(3; \{12^2, 6, 4^4, 2^{12}\})$	191102976
12	$\mathcal{O}(3; \{12^2, 6, 4^4, 3^3, 2^8\})$	2102132736
12	$\mathcal{O}(3; \{12^2, 6, 4^4, 3^6, 2^4\})$	16243752960
12	$\mathcal{O}(3; \{12^2, 6, 4^4, 3^9\})$	130523332608
12	$\mathcal{O}(3; \{12^2, 6, 4^6, 2^9\})$	764411904
12	$\mathcal{O}(3; \{12^2, 6, 4^6, 3^3, 2^5\})$	8408530944
12	$\mathcal{O}(3; \{12^2, 6, 4^6, 3^6, 2\})$	64975011840
12	$\mathcal{O}(3; \{12^2, 6, 4^8, 2^6\})$	3057647616
12	$\mathcal{O}(3; \{12^2, 6, 4^8, 3^3, 2^2\})$	33634123776
12	$\mathcal{O}(3; \{12^2, 6, 4^{10}, 2^3\})$	12230590464
12	$\mathcal{O}(3; \{12^2, 6, 4^{12}\})$	48922361856
12	$\mathcal{O}(3; \{12^2, 6^2, 3, 2^{15}\})$	59719680
12	$\mathcal{O}(3; \{12^2, 6^2, 3^4, 2^{11}\})$	513589248
12	$\mathcal{O}(3; \{12^2, 6^2, 3^7, 2^7\})$	4072882176
12	$\mathcal{O}(3; \{12^2, 6^2, 3^{10}, 2^3\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 3, 2^{12}\})$	238878720
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 3^4, 2^8\})$	2054356992
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 3^7, 2^4\})$	16291528704
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 3^{10}\})$	130475556864
12	$\mathcal{O}(3; \{12^2, 6^2, 4^4, 3, 2^9\})$	955514880
12	$\mathcal{O}(3; \{12^2, 6^2, 4^4, 3^4, 2^5\})$	8217427968
12	$\mathcal{O}(3; \{12^2, 6^2, 4^4, 3^7, 2\})$	65166114816
12	$\mathcal{O}(3; \{12^2, 6^2, 4^6, 3, 2^6\})$	3822059520
12	$\mathcal{O}(3; \{12^2, 6^2, 4^6, 3^4, 2^2\})$	32869711872
12	$\mathcal{O}(3; \{12^2, 6^2, 4^8, 3, 2^3\})$	15288238080

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^2, 6^2, 4^{10}, 3\})$	61152952320
12	$\mathcal{O}(3; \{12^2, 6^3, 3^2, 2^{12}\})$	250822656
12	$\mathcal{O}(3; \{12^2, 6^3, 3^5, 2^8\})$	2042413056
12	$\mathcal{O}(3; \{12^2, 6^3, 3^8, 2^4\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 6^3, 3^{11}\})$	130463612928
12	$\mathcal{O}(3; \{12^2, 6^3, 4^2, 3^2, 2^9\})$	1003290624
12	$\mathcal{O}(3; \{12^2, 6^3, 4^2, 3^5, 2^5\})$	8169652224
12	$\mathcal{O}(3; \{12^2, 6^3, 4^2, 3^8, 2\})$	65213890560
12	$\mathcal{O}(3; \{12^2, 6^3, 4^4, 3^2, 2^6\})$	4013162496
12	$\mathcal{O}(3; \{12^2, 6^3, 4^4, 3^5, 2^2\})$	32678608896
12	$\mathcal{O}(3; \{12^2, 6^3, 4^6, 3^2, 2^3\})$	16052649984
12	$\mathcal{O}(3; \{12^2, 6^3, 4^8, 3^2\})$	64210599936
12	$\mathcal{O}(3; \{12^2, 6^4, 2^{13}\})$	131383296
12	$\mathcal{O}(3; \{12^2, 6^4, 3^3, 2^9\})$	1015234560
12	$\mathcal{O}(3; \{12^2, 6^4, 3^6, 2^5\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 6^4, 3^9, 2\})$	65225834496
12	$\mathcal{O}(3; \{12^2, 6^4, 4^2, 2^{10}\})$	525533184
12	$\mathcal{O}(3; \{12^2, 6^4, 4^2, 3^3, 2^6\})$	4060938240
12	$\mathcal{O}(3; \{12^2, 6^4, 4^2, 3^6, 2^2\})$	32630833152
12	$\mathcal{O}(3; \{12^2, 6^4, 4^4, 2^7\})$	2102132736
12	$\mathcal{O}(3; \{12^2, 6^4, 4^4, 3^3, 2^3\})$	16243752960
12	$\mathcal{O}(3; \{12^2, 6^4, 4^6, 2^4\})$	8408530944
12	$\mathcal{O}(3; \{12^2, 6^4, 4^6, 3^3\})$	64975011840
12	$\mathcal{O}(3; \{12^2, 6^4, 4^8, 2\})$	33634123776
12	$\mathcal{O}(3; \{12^2, 6^5, 3, 2^{10}\})$	513589248
12	$\mathcal{O}(3; \{12^2, 6^5, 3^4, 2^6\})$	4072882176
12	$\mathcal{O}(3; \{12^2, 6^5, 3^7, 2^2\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 6^5, 4^2, 3, 2^7\})$	2054356992
12	$\mathcal{O}(3; \{12^2, 6^5, 4^2, 3^4, 2^3\})$	16291528704
12	$\mathcal{O}(3; \{12^2, 6^5, 4^4, 3, 2^4\})$	8217427968
12	$\mathcal{O}(3; \{12^2, 6^5, 4^4, 3^4\})$	65166114816
12	$\mathcal{O}(3; \{12^2, 6^5, 4^6, 3, 2\})$	32869711872
12	$\mathcal{O}(3; \{12^2, 6^6, 3^2, 2^7\})$	2042413056
12	$\mathcal{O}(3; \{12^2, 6^6, 3^5, 2^3\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 6^6, 4^2, 3^2, 2^4\})$	8169652224
12	$\mathcal{O}(3; \{12^2, 6^6, 4^2, 3^5\})$	65213890560
12	$\mathcal{O}(3; \{12^2, 6^6, 4^4, 3^2, 2\})$	32678608896
12	$\mathcal{O}(3; \{12^2, 6^7, 2^8\})$	1015234560
12	$\mathcal{O}(3; \{12^2, 6^7, 3^3, 2^4\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 6^7, 3^6\})$	65225834496
12	$\mathcal{O}(3; \{12^2, 6^7, 4^2, 2^5\})$	4060938240
12	$\mathcal{O}(3; \{12^2, 6^7, 4^2, 3^3, 2\})$	32630833152
12	$\mathcal{O}(3; \{12^2, 6^7, 4^4, 2^2\})$	16243752960

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^2, 6^8, 3, 2^5\})$	4072882176
12	$\mathcal{O}(3; \{12^2, 6^8, 3^4, 2\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 6^8, 4^2, 3, 2^2\})$	16291528704
12	$\mathcal{O}(3; \{12^2, 6^9, 3^2, 2^2\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 6^{10}, 2^3\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 6^{10}, 4^2\})$	32630833152
12	$\mathcal{O}(3; \{12^2, 6^{11}, 3\})$	32618889216
12	$\mathcal{O}(3; \{12^3, 4, 3, 2^{15}\})$	143327232
12	$\mathcal{O}(3; \{12^3, 4, 3^4, 2^{11}\})$	1003290624
12	$\mathcal{O}(3; \{12^3, 4, 3^7, 2^7\})$	8169652224
12	$\mathcal{O}(3; \{12^3, 4, 3^{10}, 2^3\})$	65213890560
12	$\mathcal{O}(3; \{12^3, 4^3, 3, 2^{12}\})$	573308928
12	$\mathcal{O}(3; \{12^3, 4^3, 3^4, 2^8\})$	4013162496
12	$\mathcal{O}(3; \{12^3, 4^3, 3^7, 2^4\})$	32678608896
12	$\mathcal{O}(3; \{12^3, 4^3, 3^{10}\})$	260855562240
12	$\mathcal{O}(3; \{12^3, 4^5, 3, 2^9\})$	2293235712
12	$\mathcal{O}(3; \{12^3, 4^5, 3^4, 2^5\})$	16052649984
12	$\mathcal{O}(3; \{12^3, 4^5, 3^7, 2\})$	130714435584
12	$\mathcal{O}(3; \{12^3, 4^7, 3, 2^6\})$	9172942848
12	$\mathcal{O}(3; \{12^3, 4^7, 3^4, 2^2\})$	64210599936
12	$\mathcal{O}(3; \{12^3, 4^9, 3, 2^3\})$	36691771392
12	$\mathcal{O}(3; \{12^3, 4^{11}, 3\})$	146767085568
12	$\mathcal{O}(3; \{12^3, 6, 4, 3^2, 2^{12}\})$	525533184
12	$\mathcal{O}(3; \{12^3, 6, 4, 3^5, 2^8\})$	4060938240
12	$\mathcal{O}(3; \{12^3, 6, 4, 3^8, 2^4\})$	32630833152
12	$\mathcal{O}(3; \{12^3, 6, 4, 3^{11}\})$	260903337984
12	$\mathcal{O}(3; \{12^3, 6, 4^3, 3^2, 2^9\})$	2102132736
12	$\mathcal{O}(3; \{12^3, 6, 4^3, 3^5, 2^5\})$	16243752960
12	$\mathcal{O}(3; \{12^3, 6, 4^3, 3^8, 2\})$	130523332608
12	$\mathcal{O}(3; \{12^3, 6, 4^5, 3^2, 2^6\})$	8408530944
12	$\mathcal{O}(3; \{12^3, 6, 4^5, 3^5, 2^2\})$	64975011840
12	$\mathcal{O}(3; \{12^3, 6, 4^7, 3^2, 2^3\})$	33634123776
12	$\mathcal{O}(3; \{12^3, 6, 4^9, 3^2\})$	134536495104
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 2^{13}\})$	238878720
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 3^3, 2^9\})$	2054356992
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 3^6, 2^5\})$	16291528704
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 3^9, 2\})$	130475556864
12	$\mathcal{O}(3; \{12^3, 6^2, 4^3, 2^{10}\})$	955514880
12	$\mathcal{O}(3; \{12^3, 6^2, 4^3, 3^3, 2^6\})$	8217427968
12	$\mathcal{O}(3; \{12^3, 6^2, 4^3, 3^6, 2^2\})$	65166114816
12	$\mathcal{O}(3; \{12^3, 6^2, 4^5, 2^7\})$	3822059520
12	$\mathcal{O}(3; \{12^3, 6^2, 4^5, 3^3, 2^3\})$	32869711872
12	$\mathcal{O}(3; \{12^3, 6^2, 4^7, 2^4\})$	15288238080

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^3, 6^2, 4^7, 3^3\})$	131478847488
12	$\mathcal{O}(3; \{12^3, 6^2, 4^9, 2\})$	61152952320
12	$\mathcal{O}(3; \{12^3, 6^3, 4, 3, 2^{10}\})$	1003290624
12	$\mathcal{O}(3; \{12^3, 6^3, 4, 3^4, 2^6\})$	8169652224
12	$\mathcal{O}(3; \{12^3, 6^3, 4, 3^7, 2^2\})$	65213890560
12	$\mathcal{O}(3; \{12^3, 6^3, 4^3, 3, 2^7\})$	4013162496
12	$\mathcal{O}(3; \{12^3, 6^3, 4^3, 3^4, 2^3\})$	32678608896
12	$\mathcal{O}(3; \{12^3, 6^3, 4^5, 3, 2^4\})$	16052649984
12	$\mathcal{O}(3; \{12^3, 6^3, 4^5, 3^4\})$	130714435584
12	$\mathcal{O}(3; \{12^3, 6^3, 4^7, 3, 2\})$	64210599936
12	$\mathcal{O}(3; \{12^3, 6^4, 4, 3^2, 2^7\})$	4060938240
12	$\mathcal{O}(3; \{12^3, 6^4, 4, 3^5, 2^3\})$	32630833152
12	$\mathcal{O}(3; \{12^3, 6^4, 4^3, 3^2, 2^4\})$	16243752960
12	$\mathcal{O}(3; \{12^3, 6^4, 4^3, 3^5\})$	130523332608
12	$\mathcal{O}(3; \{12^3, 6^4, 4^5, 3^2, 2\})$	64975011840
12	$\mathcal{O}(3; \{12^3, 6^5, 4, 2^8\})$	2054356992
12	$\mathcal{O}(3; \{12^3, 6^5, 4, 3^3, 2^4\})$	16291528704
12	$\mathcal{O}(3; \{12^3, 6^5, 4, 3^6\})$	130475556864
12	$\mathcal{O}(3; \{12^3, 6^5, 4^3, 2^5\})$	8217427968
12	$\mathcal{O}(3; \{12^3, 6^5, 4^3, 3^3, 2\})$	65166114816
12	$\mathcal{O}(3; \{12^3, 6^5, 4^5, 2^2\})$	32869711872
12	$\mathcal{O}(3; \{12^3, 6^6, 4, 3, 2^5\})$	8169652224
12	$\mathcal{O}(3; \{12^3, 6^6, 4, 3^4, 2\})$	65213890560
12	$\mathcal{O}(3; \{12^3, 6^6, 4^3, 3, 2^2\})$	32678608896
12	$\mathcal{O}(3; \{12^3, 6^7, 4, 3^2, 2^2\})$	32630833152
12	$\mathcal{O}(3; \{12^3, 6^8, 4, 2^3\})$	16291528704
12	$\mathcal{O}(3; \{12^3, 6^8, 4^3\})$	65166114816
12	$\mathcal{O}(3; \{12^3, 6^9, 4, 3\})$	65213890560
12	$\mathcal{O}(3; \{12^4, 2^{16}\})$	143327232
12	$\mathcal{O}(3; \{12^4, 3^3, 2^{12}\})$	1003290624
12	$\mathcal{O}(3; \{12^4, 3^6, 2^8\})$	8169652224
12	$\mathcal{O}(3; \{12^4, 3^9, 2^4\})$	65213890560
12	$\mathcal{O}(3; \{12^4, 3^{12}\})$	521854451712
12	$\mathcal{O}(3; \{12^4, 4^2, 2^{13}\})$	573308928
12	$\mathcal{O}(3; \{12^4, 4^2, 3^3, 2^9\})$	4013162496
12	$\mathcal{O}(3; \{12^4, 4^2, 3^6, 2^5\})$	32678608896
12	$\mathcal{O}(3; \{12^4, 4^2, 3^9, 2\})$	260855562240
12	$\mathcal{O}(3; \{12^4, 4^4, 2^{10}\})$	2293235712
12	$\mathcal{O}(3; \{12^4, 4^4, 3^3, 2^6\})$	16052649984
12	$\mathcal{O}(3; \{12^4, 4^4, 3^6, 2^2\})$	130714435584
12	$\mathcal{O}(3; \{12^4, 4^6, 2^7\})$	9172942848
12	$\mathcal{O}(3; \{12^4, 4^6, 3^3, 2^3\})$	64210599936
12	$\mathcal{O}(3; \{12^4, 4^8, 2^4\})$	36691771392

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^4, 4^8, 3^3\})$	256842399744
12	$\mathcal{O}(3; \{12^4, 4^{10}, 2\})$	146767085568
12	$\mathcal{O}(3; \{12^4, 6, 3, 2^{13}\})$	525533184
12	$\mathcal{O}(3; \{12^4, 6, 3^4, 2^9\})$	4060938240
12	$\mathcal{O}(3; \{12^4, 6, 3^7, 2^5\})$	32630833152
12	$\mathcal{O}(3; \{12^4, 6, 3^{10}, 2\})$	260903337984
12	$\mathcal{O}(3; \{12^4, 6, 4^2, 3, 2^{10}\})$	2102132736
12	$\mathcal{O}(3; \{12^4, 6, 4^2, 3^4, 2^6\})$	16243752960
12	$\mathcal{O}(3; \{12^4, 6, 4^2, 3^7, 2^2\})$	130523332608
12	$\mathcal{O}(3; \{12^4, 6, 4^4, 3, 2^7\})$	8408530944
12	$\mathcal{O}(3; \{12^4, 6, 4^4, 3^4, 2^3\})$	64975011840
12	$\mathcal{O}(3; \{12^4, 6, 4^6, 3, 2^4\})$	33634123776
12	$\mathcal{O}(3; \{12^4, 6, 4^6, 3^4\})$	259900047360
12	$\mathcal{O}(3; \{12^4, 6, 4^8, 3, 2\})$	134536495104
12	$\mathcal{O}(3; \{12^4, 6^2, 3^2, 2^{10}\})$	2054356992
12	$\mathcal{O}(3; \{12^4, 6^2, 3^5, 2^6\})$	16291528704
12	$\mathcal{O}(3; \{12^4, 6^2, 3^8, 2^2\})$	130475556864
12	$\mathcal{O}(3; \{12^4, 6^2, 4^2, 3^2, 2^7\})$	8217427968
12	$\mathcal{O}(3; \{12^4, 6^2, 4^2, 3^5, 2^3\})$	65166114816
12	$\mathcal{O}(3; \{12^4, 6^2, 4^4, 3^2, 2^4\})$	32869711872
12	$\mathcal{O}(3; \{12^4, 6^2, 4^4, 3^5\})$	260664459264
12	$\mathcal{O}(3; \{12^4, 6^2, 4^6, 3^2, 2\})$	131478847488
12	$\mathcal{O}(3; \{12^4, 6^3, 2^{11}\})$	1003290624
12	$\mathcal{O}(3; \{12^4, 6^3, 3^3, 2^7\})$	8169652224
12	$\mathcal{O}(3; \{12^4, 6^3, 3^6, 2^3\})$	65213890560
12	$\mathcal{O}(3; \{12^4, 6^3, 4^2, 2^8\})$	4013162496
12	$\mathcal{O}(3; \{12^4, 6^3, 4^2, 3^3, 2^4\})$	32678608896
12	$\mathcal{O}(3; \{12^4, 6^3, 4^2, 3^6\})$	260855562240
12	$\mathcal{O}(3; \{12^4, 6^3, 4^4, 2^5\})$	16052649984
12	$\mathcal{O}(3; \{12^4, 6^3, 4^4, 3^3, 2\})$	130714435584
12	$\mathcal{O}(3; \{12^4, 6^3, 4^6, 2^2\})$	64210599936
12	$\mathcal{O}(3; \{12^4, 6^4, 3, 2^8\})$	4060938240
12	$\mathcal{O}(3; \{12^4, 6^4, 3^4, 2^4\})$	32630833152
12	$\mathcal{O}(3; \{12^4, 6^4, 3^7\})$	260903337984
12	$\mathcal{O}(3; \{12^4, 6^4, 4^2, 3, 2^5\})$	16243752960
12	$\mathcal{O}(3; \{12^4, 6^4, 4^2, 3^4, 2\})$	130523332608
12	$\mathcal{O}(3; \{12^4, 6^4, 4^4, 3, 2^2\})$	64975011840
12	$\mathcal{O}(3; \{12^4, 6^5, 3^2, 2^5\})$	16291528704
12	$\mathcal{O}(3; \{12^4, 6^5, 3^5, 2\})$	130475556864
12	$\mathcal{O}(3; \{12^4, 6^5, 4^2, 3^2, 2^2\})$	65166114816
12	$\mathcal{O}(3; \{12^4, 6^6, 2^6\})$	8169652224
12	$\mathcal{O}(3; \{12^4, 6^6, 3^3, 2^2\})$	65213890560
12	$\mathcal{O}(3; \{12^4, 6^6, 4^2, 2^3\})$	32678608896

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^4, 6^6, 4^4\})$	130714435584
12	$\mathcal{O}(3; \{12^4, 6^7, 3, 2^3\})$	32630833152
12	$\mathcal{O}(3; \{12^4, 6^7, 4^2, 3\})$	130523332608
12	$\mathcal{O}(3; \{12^4, 6^8, 3^2\})$	130475556864
12	$\mathcal{O}(3; \{12^4, 6^9, 2\})$	65213890560
12	$\mathcal{O}(3; \{12^5, 4, 3^2, 2^{10}\})$	4013162496
12	$\mathcal{O}(3; \{12^5, 4, 3^5, 2^6\})$	32678608896
12	$\mathcal{O}(3; \{12^5, 4, 3^8, 2^2\})$	260855562240
12	$\mathcal{O}(3; \{12^5, 4^3, 3^2, 2^7\})$	16052649984
12	$\mathcal{O}(3; \{12^5, 4^3, 3^5, 2^3\})$	130714435584
12	$\mathcal{O}(3; \{12^5, 4^5, 3^2, 2^4\})$	64210599936
12	$\mathcal{O}(3; \{12^5, 4^5, 3^5\})$	522857742336
12	$\mathcal{O}(3; \{12^5, 4^7, 3^2, 2\})$	256842399744
12	$\mathcal{O}(3; \{12^5, 6, 4, 2^{11}\})$	2102132736
12	$\mathcal{O}(3; \{12^5, 6, 4, 3^3, 2^7\})$	16243752960
12	$\mathcal{O}(3; \{12^5, 6, 4, 3^6, 2^3\})$	130523332608
12	$\mathcal{O}(3; \{12^5, 6, 4^3, 2^8\})$	8408530944
12	$\mathcal{O}(3; \{12^5, 6, 4^3, 3^3, 2^4\})$	64975011840
12	$\mathcal{O}(3; \{12^5, 6, 4^3, 3^6\})$	522093330432
12	$\mathcal{O}(3; \{12^5, 6, 4^5, 2^5\})$	33634123776
12	$\mathcal{O}(3; \{12^5, 6, 4^5, 3^3, 2\})$	259900047360
12	$\mathcal{O}(3; \{12^5, 6, 4^7, 2^2\})$	134536495104
12	$\mathcal{O}(3; \{12^5, 6^2, 4, 3, 2^8\})$	8217427968
12	$\mathcal{O}(3; \{12^5, 6^2, 4, 3^4, 2^4\})$	65166114816
12	$\mathcal{O}(3; \{12^5, 6^2, 4, 3^7\})$	521902227456
12	$\mathcal{O}(3; \{12^5, 6^2, 4^3, 3, 2^5\})$	32869711872
12	$\mathcal{O}(3; \{12^5, 6^2, 4^3, 3^4, 2\})$	260664459264
12	$\mathcal{O}(3; \{12^5, 6^2, 4^5, 3, 2^2\})$	131478847488
12	$\mathcal{O}(3; \{12^5, 6^3, 4, 3^2, 2^5\})$	32678608896
12	$\mathcal{O}(3; \{12^5, 6^3, 4, 3^5, 2\})$	260855562240
12	$\mathcal{O}(3; \{12^5, 6^3, 4^3, 3^2, 2^2\})$	130714435584
12	$\mathcal{O}(3; \{12^5, 6^4, 4, 2^6\})$	16243752960
12	$\mathcal{O}(3; \{12^5, 6^4, 4, 3^3, 2^2\})$	130523332608
12	$\mathcal{O}(3; \{12^5, 6^4, 4^3, 2^3\})$	64975011840
12	$\mathcal{O}(3; \{12^5, 6^4, 4^5\})$	259900047360
12	$\mathcal{O}(3; \{12^5, 6^5, 4, 3, 2^3\})$	65166114816
12	$\mathcal{O}(3; \{12^5, 6^5, 4^3, 3\})$	260664459264
12	$\mathcal{O}(3; \{12^5, 6^6, 4, 3^2\})$	260855562240
12	$\mathcal{O}(3; \{12^5, 6^7, 4, 2\})$	130523332608
12	$\mathcal{O}(3; \{12^6, 3, 2^{11}\})$	4013162496
12	$\mathcal{O}(3; \{12^6, 3^4, 2^7\})$	32678608896
12	$\mathcal{O}(3; \{12^6, 3^7, 2^3\})$	260855562240
12	$\mathcal{O}(3; \{12^6, 4^2, 3, 2^8\})$	16052649984

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^6, 4^2, 3^4, 2^4\})$	130714435584
12	$\mathcal{O}(3; \{12^6, 4^2, 3^7\})$	1043422248960
12	$\mathcal{O}(3; \{12^6, 4^4, 3, 2^5\})$	64210599936
12	$\mathcal{O}(3; \{12^6, 4^4, 3^4, 2\})$	522857742336
12	$\mathcal{O}(3; \{12^6, 4^6, 3, 2^2\})$	256842399744
12	$\mathcal{O}(3; \{12^6, 6, 3^2, 2^8\})$	16243752960
12	$\mathcal{O}(3; \{12^6, 6, 3^5, 2^4\})$	130523332608
12	$\mathcal{O}(3; \{12^6, 6, 3^8\})$	1043613351936
12	$\mathcal{O}(3; \{12^6, 6, 4^2, 3^2, 2^5\})$	64975011840
12	$\mathcal{O}(3; \{12^6, 6, 4^2, 3^5, 2\})$	522093330432
12	$\mathcal{O}(3; \{12^6, 6, 4^4, 3^2, 2^2\})$	259900047360
12	$\mathcal{O}(3; \{12^6, 6^2, 2^9\})$	8217427968
12	$\mathcal{O}(3; \{12^6, 6^2, 3^3, 2^5\})$	65166114816
12	$\mathcal{O}(3; \{12^6, 6^2, 3^6, 2\})$	521902227456
12	$\mathcal{O}(3; \{12^6, 6^2, 4^2, 2^6\})$	32869711872
12	$\mathcal{O}(3; \{12^6, 6^2, 4^2, 3^3, 2^2\})$	260664459264
12	$\mathcal{O}(3; \{12^6, 6^2, 4^4, 2^3\})$	131478847488
12	$\mathcal{O}(3; \{12^6, 6^2, 4^6\})$	525915389952
12	$\mathcal{O}(3; \{12^6, 6^3, 3, 2^6\})$	32678608896
12	$\mathcal{O}(3; \{12^6, 6^3, 3^4, 2^2\})$	260855562240
12	$\mathcal{O}(3; \{12^6, 6^3, 4^2, 3, 2^3\})$	130714435584
12	$\mathcal{O}(3; \{12^6, 6^3, 4^4, 3\})$	522857742336
12	$\mathcal{O}(3; \{12^6, 6^4, 3^2, 2^3\})$	130523332608
12	$\mathcal{O}(3; \{12^6, 6^4, 4^2, 3^2\})$	522093330432
12	$\mathcal{O}(3; \{12^6, 6^5, 2^4\})$	65166114816
12	$\mathcal{O}(3; \{12^6, 6^5, 3^3\})$	521902227456
12	$\mathcal{O}(3; \{12^6, 6^5, 4^2, 2\})$	260664459264
12	$\mathcal{O}(3; \{12^6, 6^6, 3, 2\})$	260855562240
12	$\mathcal{O}(3; \{12^7, 4, 2^9\})$	16052649984
12	$\mathcal{O}(3; \{12^7, 4, 3^3, 2^5\})$	130714435584
12	$\mathcal{O}(3; \{12^7, 4, 3^6, 2\})$	1043422248960
12	$\mathcal{O}(3; \{12^7, 4^3, 2^6\})$	64210599936
12	$\mathcal{O}(3; \{12^7, 4^3, 3^3, 2^2\})$	522857742336
12	$\mathcal{O}(3; \{12^7, 4^5, 2^3\})$	256842399744
12	$\mathcal{O}(3; \{12^7, 4^7\})$	1027369598976
12	$\mathcal{O}(3; \{12^7, 6, 4, 3, 2^6\})$	64975011840
12	$\mathcal{O}(3; \{12^7, 6, 4, 3^4, 2^2\})$	522093330432
12	$\mathcal{O}(3; \{12^7, 6, 4^3, 3, 2^3\})$	259900047360
12	$\mathcal{O}(3; \{12^7, 6, 4^5, 3\})$	1039600189440
12	$\mathcal{O}(3; \{12^7, 6^2, 4, 3^2, 2^3\})$	260664459264
12	$\mathcal{O}(3; \{12^7, 6^2, 4^3, 3^2\})$	1042657837056
12	$\mathcal{O}(3; \{12^7, 6^3, 4, 2^4\})$	130714435584
12	$\mathcal{O}(3; \{12^7, 6^3, 4, 3^3\})$	1043422248960

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^7, 6^3, 4^3, 2\})$	522857742336
12	$\mathcal{O}(3; \{12^7, 6^4, 4, 3, 2\})$	522093330432
12	$\mathcal{O}(3; \{12^8, 3^2, 2^6\})$	130714435584
12	$\mathcal{O}(3; \{12^8, 3^5, 2^2\})$	1043422248960
12	$\mathcal{O}(3; \{12^8, 4^2, 3^2, 2^3\})$	522857742336
12	$\mathcal{O}(3; \{12^8, 4^4, 3^2\})$	2091430969344
12	$\mathcal{O}(3; \{12^8, 6, 2^7\})$	64975011840
12	$\mathcal{O}(3; \{12^8, 6, 3^3, 2^3\})$	522093330432
12	$\mathcal{O}(3; \{12^8, 6, 4^2, 2^4\})$	259900047360
12	$\mathcal{O}(3; \{12^8, 6, 4^2, 3^3\})$	2088373321728
12	$\mathcal{O}(3; \{12^8, 6, 4^4, 2\})$	1039600189440
12	$\mathcal{O}(3; \{12^8, 6^2, 3, 2^4\})$	260664459264
12	$\mathcal{O}(3; \{12^8, 6^2, 3^4\})$	2087608909824
12	$\mathcal{O}(3; \{12^8, 6^2, 4^2, 3, 2\})$	1042657837056
12	$\mathcal{O}(3; \{12^8, 6^3, 3^2, 2\})$	1043422248960
12	$\mathcal{O}(3; \{12^8, 6^4, 2^2\})$	522093330432
12	$\mathcal{O}(3; \{12^9, 4, 3, 2^4\})$	522857742336
12	$\mathcal{O}(3; \{12^9, 4, 3^4\})$	4173688995840
12	$\mathcal{O}(3; \{12^9, 4^3, 3, 2\})$	2091430969344
12	$\mathcal{O}(3; \{12^9, 6, 4, 3^2, 2\})$	2088373321728
12	$\mathcal{O}(3; \{12^9, 6^2, 4, 2^2\})$	1042657837056
12	$\mathcal{O}(3; \{12^{10}, 2^5\})$	522857742336
12	$\mathcal{O}(3; \{12^{10}, 3^3, 2\})$	4173688995840
12	$\mathcal{O}(3; \{12^{10}, 4^2, 2^2\})$	2091430969344
12	$\mathcal{O}(3; \{12^{10}, 6, 3, 2^2\})$	2088373321728
12	$\mathcal{O}(3; \{12^{10}, 6^3\})$	4173688995840
12	$\mathcal{O}(3; \{12^{11}, 6, 4\})$	8353493286912
12	$\mathcal{O}(3; \{12^{12}, 3\})$	16694755983360
12	$\mathcal{O}(2; \{3^4, 2^{22}\})$	116640
12	$\mathcal{O}(2; \{3^7, 2^{18}\})$	816480
12	$\mathcal{O}(2; \{3^{10}, 2^{14}\})$	6648480
12	$\mathcal{O}(2; \{3^{13}, 2^{10}\})$	53071200
12	$\mathcal{O}(2; \{3^{16}, 2^6\})$	424686240
12	$\mathcal{O}(2; \{3^{19}, 2^2\})$	3397373280
12	$\mathcal{O}(2; \{4^2, 3^4, 2^{19}\})$	248832
12	$\mathcal{O}(2; \{4^2, 3^7, 2^{15}\})$	1741824
12	$\mathcal{O}(2; \{4^2, 3^{10}, 2^{11}\})$	14183424
12	$\mathcal{O}(2; \{4^2, 3^{13}, 2^7\})$	113218560
12	$\mathcal{O}(2; \{4^2, 3^{16}, 2^3\})$	905997312
12	$\mathcal{O}(2; \{4^4, 3^4, 2^{16}\})$	995328
12	$\mathcal{O}(2; \{4^4, 3^7, 2^{12}\})$	6967296
12	$\mathcal{O}(2; \{4^4, 3^{10}, 2^8\})$	56733696
12	$\mathcal{O}(2; \{4^4, 3^{13}, 2^4\})$	452874240

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{4^4, 3^{16}\})$	3623989248
12	$\mathcal{O}(2; \{4^6, 3^4, 2^{13}\})$	3981312
12	$\mathcal{O}(2; \{4^6, 3^7, 2^9\})$	27869184
12	$\mathcal{O}(2; \{4^6, 3^{10}, 2^5\})$	226934784
12	$\mathcal{O}(2; \{4^6, 3^{13}, 2\})$	1811496960
12	$\mathcal{O}(2; \{4^8, 3^4, 2^{10}\})$	15925248
12	$\mathcal{O}(2; \{4^8, 3^7, 2^6\})$	111476736
12	$\mathcal{O}(2; \{4^8, 3^{10}, 2^2\})$	907739136
12	$\mathcal{O}(2; \{4^{10}, 3^4, 2^7\})$	63700992
12	$\mathcal{O}(2; \{4^{10}, 3^7, 2^3\})$	445906944
12	$\mathcal{O}(2; \{4^{12}, 3^4, 2^4\})$	254803968
12	$\mathcal{O}(2; \{4^{12}, 3^7\})$	1783627776
12	$\mathcal{O}(2; \{4^{14}, 3^4, 2\})$	1019215872
12	$\mathcal{O}(2; \{6, 3^2, 2^{23}\})$	38880
12	$\mathcal{O}(2; \{6, 3^5, 2^{19}\})$	427680
12	$\mathcal{O}(2; \{6, 3^8, 2^{15}\})$	3304800
12	$\mathcal{O}(2; \{6, 3^{11}, 2^{11}\})$	26555040
12	$\mathcal{O}(2; \{6, 3^{14}, 2^7\})$	212323680
12	$\mathcal{O}(2; \{6, 3^{17}, 2^3\})$	1698706080
12	$\mathcal{O}(2; \{6, 4^2, 3^2, 2^{20}\})$	82944
12	$\mathcal{O}(2; \{6, 4^2, 3^5, 2^{16}\})$	912384
12	$\mathcal{O}(2; \{6, 4^2, 3^8, 2^{12}\})$	7050240
12	$\mathcal{O}(2; \{6, 4^2, 3^{11}, 2^8\})$	56650752
12	$\mathcal{O}(2; \{6, 4^2, 3^{14}, 2^4\})$	452957184
12	$\mathcal{O}(2; \{6, 4^2, 3^{17}\})$	3623906304
12	$\mathcal{O}(2; \{6, 4^4, 3^2, 2^{17}\})$	331776
12	$\mathcal{O}(2; \{6, 4^4, 3^5, 2^{13}\})$	3649536
12	$\mathcal{O}(2; \{6, 4^4, 3^8, 2^9\})$	28200960
12	$\mathcal{O}(2; \{6, 4^4, 3^{11}, 2^5\})$	226603008
12	$\mathcal{O}(2; \{6, 4^4, 3^{14}, 2\})$	1811828736
12	$\mathcal{O}(2; \{6, 4^6, 3^2, 2^{14}\})$	1327104
12	$\mathcal{O}(2; \{6, 4^6, 3^5, 2^{10}\})$	14598144
12	$\mathcal{O}(2; \{6, 4^6, 3^8, 2^6\})$	112803840
12	$\mathcal{O}(2; \{6, 4^6, 3^{11}, 2^2\})$	906412032
12	$\mathcal{O}(2; \{6, 4^8, 3^2, 2^{11}\})$	5308416
12	$\mathcal{O}(2; \{6, 4^8, 3^5, 2^7\})$	58392576
12	$\mathcal{O}(2; \{6, 4^8, 3^8, 2^3\})$	451215360
12	$\mathcal{O}(2; \{6, 4^{10}, 3^2, 2^8\})$	21233664
12	$\mathcal{O}(2; \{6, 4^{10}, 3^5, 2^4\})$	233570304
12	$\mathcal{O}(2; \{6, 4^{10}, 3^8\})$	1804861440
12	$\mathcal{O}(2; \{6, 4^{12}, 3^2, 2^5\})$	84934656
12	$\mathcal{O}(2; \{6, 4^{12}, 3^5, 2\})$	934281216
12	$\mathcal{O}(2; \{6, 4^{14}, 3^2, 2^2\})$	339738624

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^2, 2^{24}\})$	38880
12	$\mathcal{O}(2; \{6^2, 3^3, 2^{20}\})$	194400
12	$\mathcal{O}(2; \{6^2, 3^6, 2^{16}\})$	1671840
12	$\mathcal{O}(2; \{6^2, 3^9, 2^{12}\})$	13258080
12	$\mathcal{O}(2; \{6^2, 3^{12}, 2^8\})$	106181280
12	$\mathcal{O}(2; \{6^2, 3^{15}, 2^4\})$	849333600
12	$\mathcal{O}(2; \{6^2, 3^{18}\})$	6794785440
12	$\mathcal{O}(2; \{6^2, 4^2, 2^{21}\})$	82944
12	$\mathcal{O}(2; \{6^2, 4^2, 3^3, 2^{17}\})$	414720
12	$\mathcal{O}(2; \{6^2, 4^2, 3^6, 2^{13}\})$	3566592
12	$\mathcal{O}(2; \{6^2, 4^2, 3^9, 2^9\})$	28283904
12	$\mathcal{O}(2; \{6^2, 4^2, 3^{12}, 2^5\})$	226520064
12	$\mathcal{O}(2; \{6^2, 4^2, 3^{15}, 2\})$	1811911680
12	$\mathcal{O}(2; \{6^2, 4^4, 2^{18}\})$	331776
12	$\mathcal{O}(2; \{6^2, 4^4, 3^3, 2^{14}\})$	1658880
12	$\mathcal{O}(2; \{6^2, 4^4, 3^6, 2^{10}\})$	14266368
12	$\mathcal{O}(2; \{6^2, 4^4, 3^9, 2^6\})$	113135616
12	$\mathcal{O}(2; \{6^2, 4^4, 3^{12}, 2^2\})$	906080256
12	$\mathcal{O}(2; \{6^2, 4^6, 2^{15}\})$	1327104
12	$\mathcal{O}(2; \{6^2, 4^6, 3^3, 2^{11}\})$	6635520
12	$\mathcal{O}(2; \{6^2, 4^6, 3^6, 2^7\})$	57065472
12	$\mathcal{O}(2; \{6^2, 4^6, 3^9, 2^3\})$	452542464
12	$\mathcal{O}(2; \{6^2, 4^8, 2^{12}\})$	5308416
12	$\mathcal{O}(2; \{6^2, 4^8, 3^3, 2^8\})$	26542080
12	$\mathcal{O}(2; \{6^2, 4^8, 3^6, 2^4\})$	228261888
12	$\mathcal{O}(2; \{6^2, 4^8, 3^9\})$	1810169856
12	$\mathcal{O}(2; \{6^2, 4^{10}, 2^9\})$	21233664
12	$\mathcal{O}(2; \{6^2, 4^{10}, 3^3, 2^5\})$	106168320
12	$\mathcal{O}(2; \{6^2, 4^{10}, 3^6, 2\})$	913047552
12	$\mathcal{O}(2; \{6^2, 4^{12}, 2^6\})$	84934656
12	$\mathcal{O}(2; \{6^2, 4^{12}, 3^3, 2^2\})$	424673280
12	$\mathcal{O}(2; \{6^2, 4^{14}, 2^3\})$	339738624
12	$\mathcal{O}(2; \{6^2, 4^{16}\})$	1358954496
12	$\mathcal{O}(2; \{6^3, 3, 2^{21}\})$	116640
12	$\mathcal{O}(2; \{6^3, 3^4, 2^{17}\})$	816480
12	$\mathcal{O}(2; \{6^3, 3^7, 2^{13}\})$	6648480
12	$\mathcal{O}(2; \{6^3, 3^{10}, 2^9\})$	53071200
12	$\mathcal{O}(2; \{6^3, 3^{13}, 2^5\})$	424686240
12	$\mathcal{O}(2; \{6^3, 3^{16}, 2\})$	3397373280
12	$\mathcal{O}(2; \{6^3, 4^2, 3, 2^{18}\})$	248832
12	$\mathcal{O}(2; \{6^3, 4^2, 3^4, 2^{14}\})$	1741824
12	$\mathcal{O}(2; \{6^3, 4^2, 3^7, 2^{10}\})$	14183424
12	$\mathcal{O}(2; \{6^3, 4^2, 3^{10}, 2^6\})$	113218560

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^3, 4^2, 3^{13}, 2^2\})$	905997312
12	$\mathcal{O}(2; \{6^3, 4^4, 3, 2^{15}\})$	995328
12	$\mathcal{O}(2; \{6^3, 4^4, 3^4, 2^{11}\})$	6967296
12	$\mathcal{O}(2; \{6^3, 4^4, 3^7, 2^7\})$	56733696
12	$\mathcal{O}(2; \{6^3, 4^4, 3^{10}, 2^3\})$	452874240
12	$\mathcal{O}(2; \{6^3, 4^6, 3, 2^{12}\})$	3981312
12	$\mathcal{O}(2; \{6^3, 4^6, 3^4, 2^8\})$	27869184
12	$\mathcal{O}(2; \{6^3, 4^6, 3^7, 2^4\})$	226934784
12	$\mathcal{O}(2; \{6^3, 4^6, 3^{10}\})$	1811496960
12	$\mathcal{O}(2; \{6^3, 4^8, 3, 2^9\})$	15925248
12	$\mathcal{O}(2; \{6^3, 4^8, 3^4, 2^5\})$	111476736
12	$\mathcal{O}(2; \{6^3, 4^8, 3^7, 2\})$	907739136
12	$\mathcal{O}(2; \{6^3, 4^{10}, 3, 2^6\})$	63700992
12	$\mathcal{O}(2; \{6^3, 4^{10}, 3^4, 2^2\})$	445906944
12	$\mathcal{O}(2; \{6^3, 4^{12}, 3, 2^3\})$	254803968
12	$\mathcal{O}(2; \{6^3, 4^{14}, 3\})$	1019215872
12	$\mathcal{O}(2; \{6^4, 3^2, 2^{18}\})$	427680
12	$\mathcal{O}(2; \{6^4, 3^5, 2^{14}\})$	3304800
12	$\mathcal{O}(2; \{6^4, 3^8, 2^{10}\})$	26555040
12	$\mathcal{O}(2; \{6^4, 3^{11}, 2^6\})$	212323680
12	$\mathcal{O}(2; \{6^4, 3^{14}, 2^2\})$	1698706080
12	$\mathcal{O}(2; \{6^4, 4^2, 3^2, 2^{15}\})$	912384
12	$\mathcal{O}(2; \{6^4, 4^2, 3^5, 2^{11}\})$	7050240
12	$\mathcal{O}(2; \{6^4, 4^2, 3^8, 2^7\})$	56650752
12	$\mathcal{O}(2; \{6^4, 4^2, 3^{11}, 2^3\})$	452957184
12	$\mathcal{O}(2; \{6^4, 4^4, 3^2, 2^{12}\})$	3649536
12	$\mathcal{O}(2; \{6^4, 4^4, 3^5, 2^8\})$	28200960
12	$\mathcal{O}(2; \{6^4, 4^4, 3^8, 2^4\})$	226603008
12	$\mathcal{O}(2; \{6^4, 4^4, 3^{11}\})$	1811828736
12	$\mathcal{O}(2; \{6^4, 4^6, 3^2, 2^9\})$	14598144
12	$\mathcal{O}(2; \{6^4, 4^6, 3^5, 2^5\})$	112803840
12	$\mathcal{O}(2; \{6^4, 4^6, 3^8, 2\})$	906412032
12	$\mathcal{O}(2; \{6^4, 4^8, 3^2, 2^6\})$	58392576
12	$\mathcal{O}(2; \{6^4, 4^8, 3^5, 2^2\})$	451215360
12	$\mathcal{O}(2; \{6^4, 4^{10}, 3^2, 2^3\})$	233570304
12	$\mathcal{O}(2; \{6^4, 4^{12}, 3^2\})$	934281216
12	$\mathcal{O}(2; \{6^5, 2^{19}\})$	194400
12	$\mathcal{O}(2; \{6^5, 3^3, 2^{15}\})$	1671840
12	$\mathcal{O}(2; \{6^5, 3^6, 2^{11}\})$	13258080
12	$\mathcal{O}(2; \{6^5, 3^9, 2^7\})$	106181280
12	$\mathcal{O}(2; \{6^5, 3^{12}, 2^3\})$	849333600
12	$\mathcal{O}(2; \{6^5, 4^2, 2^{16}\})$	414720
12	$\mathcal{O}(2; \{6^5, 4^2, 3^3, 2^{12}\})$	3566592

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^5, 4^2, 3^6, 2^8\})$	28283904
12	$\mathcal{O}(2; \{6^5, 4^2, 3^9, 2^4\})$	226520064
12	$\mathcal{O}(2; \{6^5, 4^2, 3^{12}\})$	1811911680
12	$\mathcal{O}(2; \{6^5, 4^4, 2^{13}\})$	1658880
12	$\mathcal{O}(2; \{6^5, 4^4, 3^3, 2^9\})$	14266368
12	$\mathcal{O}(2; \{6^5, 4^4, 3^6, 2^5\})$	113135616
12	$\mathcal{O}(2; \{6^5, 4^4, 3^9, 2\})$	906080256
12	$\mathcal{O}(2; \{6^5, 4^6, 2^{10}\})$	6635520
12	$\mathcal{O}(2; \{6^5, 4^6, 3^3, 2^6\})$	57065472
12	$\mathcal{O}(2; \{6^5, 4^6, 3^6, 2^2\})$	452542464
12	$\mathcal{O}(2; \{6^5, 4^8, 2^7\})$	26542080
12	$\mathcal{O}(2; \{6^5, 4^8, 3^3, 2^3\})$	228261888
12	$\mathcal{O}(2; \{6^5, 4^{10}, 2^4\})$	106168320
12	$\mathcal{O}(2; \{6^5, 4^{10}, 3^3\})$	913047552
12	$\mathcal{O}(2; \{6^5, 4^{12}, 2\})$	424673280
12	$\mathcal{O}(2; \{6^6, 3, 2^{16}\})$	816480
12	$\mathcal{O}(2; \{6^6, 3^4, 2^{12}\})$	6648480
12	$\mathcal{O}(2; \{6^6, 3^7, 2^8\})$	53071200
12	$\mathcal{O}(2; \{6^6, 3^{10}, 2^4\})$	424686240
12	$\mathcal{O}(2; \{6^6, 3^{13}\})$	3397373280
12	$\mathcal{O}(2; \{6^6, 4^2, 3, 2^{13}\})$	1741824
12	$\mathcal{O}(2; \{6^6, 4^2, 3^4, 2^9\})$	14183424
12	$\mathcal{O}(2; \{6^6, 4^2, 3^7, 2^5\})$	113218560
12	$\mathcal{O}(2; \{6^6, 4^2, 3^{10}, 2\})$	905997312
12	$\mathcal{O}(2; \{6^6, 4^4, 3, 2^{10}\})$	6967296
12	$\mathcal{O}(2; \{6^6, 4^4, 3^4, 2^6\})$	56733696
12	$\mathcal{O}(2; \{6^6, 4^4, 3^7, 2^2\})$	452874240
12	$\mathcal{O}(2; \{6^6, 4^6, 3, 2^7\})$	27869184
12	$\mathcal{O}(2; \{6^6, 4^6, 3^4, 2^3\})$	226934784
12	$\mathcal{O}(2; \{6^6, 4^8, 3, 2^4\})$	111476736
12	$\mathcal{O}(2; \{6^6, 4^8, 3^4\})$	907739136
12	$\mathcal{O}(2; \{6^6, 4^{10}, 3, 2\})$	445906944
12	$\mathcal{O}(2; \{6^7, 3^2, 2^{13}\})$	3304800
12	$\mathcal{O}(2; \{6^7, 3^5, 2^9\})$	26555040
12	$\mathcal{O}(2; \{6^7, 3^8, 2^5\})$	212323680
12	$\mathcal{O}(2; \{6^7, 3^{11}, 2\})$	1698706080
12	$\mathcal{O}(2; \{6^7, 4^2, 3^2, 2^{10}\})$	7050240
12	$\mathcal{O}(2; \{6^7, 4^2, 3^5, 2^6\})$	56650752
12	$\mathcal{O}(2; \{6^7, 4^2, 3^8, 2^2\})$	452957184
12	$\mathcal{O}(2; \{6^7, 4^4, 3^2, 2^7\})$	28200960
12	$\mathcal{O}(2; \{6^7, 4^4, 3^5, 2^3\})$	226603008
12	$\mathcal{O}(2; \{6^7, 4^6, 3^2, 2^4\})$	112803840
12	$\mathcal{O}(2; \{6^7, 4^6, 3^5\})$	906412032

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^7, 4^8, 3^2, 2\})$	451215360
12	$\mathcal{O}(2; \{6^8, 2^{14}\})$	1671840
12	$\mathcal{O}(2; \{6^8, 3^3, 2^{10}\})$	13258080
12	$\mathcal{O}(2; \{6^8, 3^6, 2^6\})$	106181280
12	$\mathcal{O}(2; \{6^8, 3^9, 2^2\})$	849333600
12	$\mathcal{O}(2; \{6^8, 4^2, 2^{11}\})$	3566592
12	$\mathcal{O}(2; \{6^8, 4^2, 3^3, 2^7\})$	28283904
12	$\mathcal{O}(2; \{6^8, 4^2, 3^6, 2^3\})$	226520064
12	$\mathcal{O}(2; \{6^8, 4^4, 2^8\})$	14266368
12	$\mathcal{O}(2; \{6^8, 4^4, 3^3, 2^4\})$	113135616
12	$\mathcal{O}(2; \{6^8, 4^4, 3^6\})$	906080256
12	$\mathcal{O}(2; \{6^8, 4^6, 2^5\})$	57065472
12	$\mathcal{O}(2; \{6^8, 4^6, 3^3, 2\})$	452542464
12	$\mathcal{O}(2; \{6^8, 4^8, 2^2\})$	228261888
12	$\mathcal{O}(2; \{6^9, 3, 2^{11}\})$	6648480
12	$\mathcal{O}(2; \{6^9, 3^4, 2^7\})$	53071200
12	$\mathcal{O}(2; \{6^9, 3^7, 2^3\})$	424686240
12	$\mathcal{O}(2; \{6^9, 4^2, 3, 2^8\})$	14183424
12	$\mathcal{O}(2; \{6^9, 4^2, 3^4, 2^4\})$	113218560
12	$\mathcal{O}(2; \{6^9, 4^2, 3^7\})$	905997312
12	$\mathcal{O}(2; \{6^9, 4^4, 3, 2^5\})$	56733696
12	$\mathcal{O}(2; \{6^9, 4^4, 3^4, 2\})$	452874240
12	$\mathcal{O}(2; \{6^9, 4^6, 3, 2^2\})$	226934784
12	$\mathcal{O}(2; \{6^{10}, 3^2, 2^8\})$	26555040
12	$\mathcal{O}(2; \{6^{10}, 3^5, 2^4\})$	212323680
12	$\mathcal{O}(2; \{6^{10}, 3^8\})$	1698706080
12	$\mathcal{O}(2; \{6^{10}, 4^2, 3^2, 2^5\})$	56650752
12	$\mathcal{O}(2; \{6^{10}, 4^2, 3^5, 2\})$	452957184
12	$\mathcal{O}(2; \{6^{10}, 4^4, 3^2, 2^2\})$	226603008
12	$\mathcal{O}(2; \{6^{11}, 2^9\})$	13258080
12	$\mathcal{O}(2; \{6^{11}, 3^3, 2^5\})$	106181280
12	$\mathcal{O}(2; \{6^{11}, 3^6, 2\})$	849333600
12	$\mathcal{O}(2; \{6^{11}, 4^2, 2^6\})$	28283904
12	$\mathcal{O}(2; \{6^{11}, 4^2, 3^3, 2^2\})$	226520064
12	$\mathcal{O}(2; \{6^{11}, 4^4, 2^3\})$	113135616
12	$\mathcal{O}(2; \{6^{11}, 4^6\})$	452542464
12	$\mathcal{O}(2; \{6^{12}, 3, 2^6\})$	53071200
12	$\mathcal{O}(2; \{6^{12}, 3^4, 2^2\})$	424686240
12	$\mathcal{O}(2; \{6^{12}, 4^2, 3, 2^3\})$	113218560
12	$\mathcal{O}(2; \{6^{12}, 4^4, 3\})$	452874240
12	$\mathcal{O}(2; \{6^{13}, 3^2, 2^3\})$	212323680
12	$\mathcal{O}(2; \{6^{13}, 4^2, 3^2\})$	452957184
12	$\mathcal{O}(2; \{6^{14}, 2^4\})$	106181280

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^{14}, 3^3\})$	849333600
12	$\mathcal{O}(2; \{6^{14}, 4^2, 2\})$	226520064
12	$\mathcal{O}(2; \{6^{15}, 3, 2\})$	424686240
12	$\mathcal{O}(2; \{12, 4, 3^3, 2^{20}\})$	248832
12	$\mathcal{O}(2; \{12, 4, 3^6, 2^{16}\})$	1741824
12	$\mathcal{O}(2; \{12, 4, 3^9, 2^{12}\})$	14183424
12	$\mathcal{O}(2; \{12, 4, 3^{12}, 2^8\})$	113218560
12	$\mathcal{O}(2; \{12, 4, 3^{15}, 2^4\})$	905997312
12	$\mathcal{O}(2; \{12, 4, 3^{18}\})$	7247729664
12	$\mathcal{O}(2; \{12, 4^3, 3^3, 2^{17}\})$	995328
12	$\mathcal{O}(2; \{12, 4^3, 3^6, 2^{13}\})$	6967296
12	$\mathcal{O}(2; \{12, 4^3, 3^9, 2^9\})$	56733696
12	$\mathcal{O}(2; \{12, 4^3, 3^{12}, 2^5\})$	452874240
12	$\mathcal{O}(2; \{12, 4^3, 3^{15}, 2\})$	3623989248
12	$\mathcal{O}(2; \{12, 4^5, 3^3, 2^{14}\})$	3981312
12	$\mathcal{O}(2; \{12, 4^5, 3^6, 2^{10}\})$	27869184
12	$\mathcal{O}(2; \{12, 4^5, 3^9, 2^6\})$	226934784
12	$\mathcal{O}(2; \{12, 4^5, 3^{12}, 2^2\})$	1811496960
12	$\mathcal{O}(2; \{12, 4^7, 3^3, 2^{11}\})$	15925248
12	$\mathcal{O}(2; \{12, 4^7, 3^6, 2^7\})$	111476736
12	$\mathcal{O}(2; \{12, 4^7, 3^9, 2^3\})$	907739136
12	$\mathcal{O}(2; \{12, 4^9, 3^3, 2^8\})$	63700992
12	$\mathcal{O}(2; \{12, 4^9, 3^6, 2^4\})$	445906944
12	$\mathcal{O}(2; \{12, 4^9, 3^9\})$	3630956544
12	$\mathcal{O}(2; \{12, 4^{11}, 3^3, 2^5\})$	254803968
12	$\mathcal{O}(2; \{12, 4^{11}, 3^6, 2\})$	1783627776
12	$\mathcal{O}(2; \{12, 4^{13}, 3^3, 2^2\})$	1019215872
12	$\mathcal{O}(2; \{12, 6, 4, 3, 2^{21}\})$	82944
12	$\mathcal{O}(2; \{12, 6, 4, 3^4, 2^{17}\})$	912384
12	$\mathcal{O}(2; \{12, 6, 4, 3^7, 2^{13}\})$	7050240
12	$\mathcal{O}(2; \{12, 6, 4, 3^{10}, 2^9\})$	56650752
12	$\mathcal{O}(2; \{12, 6, 4, 3^{13}, 2^5\})$	452957184
12	$\mathcal{O}(2; \{12, 6, 4, 3^{16}, 2\})$	3623906304
12	$\mathcal{O}(2; \{12, 6, 4^3, 3, 2^{18}\})$	331776
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^4, 2^{14}\})$	3649536
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^7, 2^{10}\})$	28200960
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^{10}, 2^6\})$	226603008
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^{13}, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{12, 6, 4^5, 3, 2^{15}\})$	1327104
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^4, 2^{11}\})$	14598144
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^7, 2^7\})$	112803840
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^{10}, 2^3\})$	906412032
12	$\mathcal{O}(2; \{12, 6, 4^7, 3, 2^{12}\})$	5308416

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 6, 4^7, 3^4, 2^8\})$	58392576
12	$\mathcal{O}(2; \{12, 6, 4^7, 3^7, 2^4\})$	451215360
12	$\mathcal{O}(2; \{12, 6, 4^7, 3^{10}\})$	3625648128
12	$\mathcal{O}(2; \{12, 6, 4^9, 3, 2^9\})$	21233664
12	$\mathcal{O}(2; \{12, 6, 4^9, 3^4, 2^5\})$	233570304
12	$\mathcal{O}(2; \{12, 6, 4^9, 3^7, 2\})$	1804861440
12	$\mathcal{O}(2; \{12, 6, 4^{11}, 3, 2^6\})$	84934656
12	$\mathcal{O}(2; \{12, 6, 4^{11}, 3^4, 2^2\})$	934281216
12	$\mathcal{O}(2; \{12, 6, 4^{13}, 3, 2^3\})$	339738624
12	$\mathcal{O}(2; \{12, 6, 4^{15}, 3\})$	1358954496
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^2, 2^{18}\})$	414720
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^5, 2^{14}\})$	3566592
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^8, 2^{10}\})$	28283904
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^{11}, 2^6\})$	226520064
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^{14}, 2^2\})$	1811911680
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^2, 2^{15}\})$	1658880
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^5, 2^{11}\})$	14266368
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^8, 2^7\})$	113135616
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^{11}, 2^3\})$	906080256
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3^2, 2^{12}\})$	6635520
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3^5, 2^8\})$	57065472
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3^8, 2^4\})$	452542464
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3^{11}\})$	3624321024
12	$\mathcal{O}(2; \{12, 6^2, 4^7, 3^2, 2^9\})$	26542080
12	$\mathcal{O}(2; \{12, 6^2, 4^7, 3^5, 2^5\})$	228261888
12	$\mathcal{O}(2; \{12, 6^2, 4^7, 3^8, 2\})$	1810169856
12	$\mathcal{O}(2; \{12, 6^2, 4^9, 3^2, 2^6\})$	106168320
12	$\mathcal{O}(2; \{12, 6^2, 4^9, 3^5, 2^2\})$	913047552
12	$\mathcal{O}(2; \{12, 6^2, 4^{11}, 3^2, 2^3\})$	424673280
12	$\mathcal{O}(2; \{12, 6^2, 4^{13}, 3^2\})$	1698693120
12	$\mathcal{O}(2; \{12, 6^3, 4, 2^{19}\})$	248832
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^3, 2^{15}\})$	1741824
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^6, 2^{11}\})$	14183424
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^9, 2^7\})$	113218560
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^{12}, 2^3\})$	905997312
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 2^{16}\})$	995328
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^3, 2^{12}\})$	6967296
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^6, 2^8\})$	56733696
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^9, 2^4\})$	452874240
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^{12}\})$	3623989248
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 2^{13}\})$	3981312
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 3^3, 2^9\})$	27869184
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 3^6, 2^5\})$	226934784

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 3^9, 2\})$	1811496960
12	$\mathcal{O}(2; \{12, 6^3, 4^7, 2^{10}\})$	15925248
12	$\mathcal{O}(2; \{12, 6^3, 4^7, 3^3, 2^6\})$	111476736
12	$\mathcal{O}(2; \{12, 6^3, 4^7, 3^6, 2^2\})$	907739136
12	$\mathcal{O}(2; \{12, 6^3, 4^9, 2^7\})$	63700992
12	$\mathcal{O}(2; \{12, 6^3, 4^9, 3^3, 2^3\})$	445906944
12	$\mathcal{O}(2; \{12, 6^3, 4^{11}, 2^4\})$	254803968
12	$\mathcal{O}(2; \{12, 6^3, 4^{11}, 3^3\})$	1783627776
12	$\mathcal{O}(2; \{12, 6^3, 4^{13}, 2\})$	1019215872
12	$\mathcal{O}(2; \{12, 6^4, 4, 3, 2^{16}\})$	912384
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^4, 2^{12}\})$	7050240
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^7, 2^8\})$	56650752
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^{10}, 2^4\})$	452957184
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^{13}\})$	3623906304
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3, 2^{13}\})$	3649536
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3^4, 2^9\})$	28200960
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3^7, 2^5\})$	226603008
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3^{10}, 2\})$	1811828736
12	$\mathcal{O}(2; \{12, 6^4, 4^5, 3, 2^{10}\})$	14598144
12	$\mathcal{O}(2; \{12, 6^4, 4^5, 3^4, 2^6\})$	112803840
12	$\mathcal{O}(2; \{12, 6^4, 4^5, 3^7, 2^2\})$	906412032
12	$\mathcal{O}(2; \{12, 6^4, 4^7, 3, 2^7\})$	58392576
12	$\mathcal{O}(2; \{12, 6^4, 4^7, 3^4, 2^3\})$	451215360
12	$\mathcal{O}(2; \{12, 6^4, 4^9, 3, 2^4\})$	233570304
12	$\mathcal{O}(2; \{12, 6^4, 4^9, 3^4\})$	1804861440
12	$\mathcal{O}(2; \{12, 6^4, 4^{11}, 3, 2\})$	934281216
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^2, 2^{13}\})$	3566592
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^5, 2^9\})$	28283904
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^8, 2^5\})$	226520064
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^{11}, 2\})$	1811911680
12	$\mathcal{O}(2; \{12, 6^5, 4^3, 3^2, 2^{10}\})$	14266368
12	$\mathcal{O}(2; \{12, 6^5, 4^3, 3^5, 2^6\})$	113135616
12	$\mathcal{O}(2; \{12, 6^5, 4^3, 3^8, 2^2\})$	906080256
12	$\mathcal{O}(2; \{12, 6^5, 4^5, 3^2, 2^7\})$	57065472
12	$\mathcal{O}(2; \{12, 6^5, 4^5, 3^5, 2^3\})$	452542464
12	$\mathcal{O}(2; \{12, 6^5, 4^7, 3^2, 2^4\})$	228261888
12	$\mathcal{O}(2; \{12, 6^5, 4^7, 3^5\})$	1810169856
12	$\mathcal{O}(2; \{12, 6^5, 4^9, 3^2, 2\})$	913047552
12	$\mathcal{O}(2; \{12, 6^6, 4, 2^{14}\})$	1741824
12	$\mathcal{O}(2; \{12, 6^6, 4, 3^3, 2^{10}\})$	14183424
12	$\mathcal{O}(2; \{12, 6^6, 4, 3^6, 2^6\})$	113218560
12	$\mathcal{O}(2; \{12, 6^6, 4, 3^9, 2^2\})$	905997312
12	$\mathcal{O}(2; \{12, 6^6, 4^3, 2^{11}\})$	6967296

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 6^6, 4^3, 3^3, 2^7\})$	56733696
12	$\mathcal{O}(2; \{12, 6^6, 4^3, 3^6, 2^3\})$	452874240
12	$\mathcal{O}(2; \{12, 6^6, 4^5, 2^8\})$	27869184
12	$\mathcal{O}(2; \{12, 6^6, 4^5, 3^3, 2^4\})$	226934784
12	$\mathcal{O}(2; \{12, 6^6, 4^5, 3^6\})$	1811496960
12	$\mathcal{O}(2; \{12, 6^6, 4^7, 2^5\})$	111476736
12	$\mathcal{O}(2; \{12, 6^6, 4^7, 3^3, 2\})$	907739136
12	$\mathcal{O}(2; \{12, 6^6, 4^9, 2^2\})$	445906944
12	$\mathcal{O}(2; \{12, 6^7, 4, 3, 2^{11}\})$	7050240
12	$\mathcal{O}(2; \{12, 6^7, 4, 3^4, 2^7\})$	56650752
12	$\mathcal{O}(2; \{12, 6^7, 4, 3^7, 2^3\})$	452957184
12	$\mathcal{O}(2; \{12, 6^7, 4^3, 3, 2^8\})$	28200960
12	$\mathcal{O}(2; \{12, 6^7, 4^3, 3^4, 2^4\})$	226603008
12	$\mathcal{O}(2; \{12, 6^7, 4^3, 3^7\})$	1811828736
12	$\mathcal{O}(2; \{12, 6^7, 4^5, 3, 2^5\})$	112803840
12	$\mathcal{O}(2; \{12, 6^7, 4^5, 3^4, 2\})$	906412032
12	$\mathcal{O}(2; \{12, 6^7, 4^7, 3, 2^2\})$	451215360
12	$\mathcal{O}(2; \{12, 6^8, 4, 3^2, 2^8\})$	28283904
12	$\mathcal{O}(2; \{12, 6^8, 4, 3^5, 2^4\})$	226520064
12	$\mathcal{O}(2; \{12, 6^8, 4, 3^8\})$	1811911680
12	$\mathcal{O}(2; \{12, 6^8, 4^3, 3^2, 2^5\})$	113135616
12	$\mathcal{O}(2; \{12, 6^8, 4^3, 3^5, 2\})$	906080256
12	$\mathcal{O}(2; \{12, 6^8, 4^5, 3^2, 2^2\})$	452542464
12	$\mathcal{O}(2; \{12, 6^9, 4, 2^9\})$	14183424
12	$\mathcal{O}(2; \{12, 6^9, 4, 3^3, 2^5\})$	113218560
12	$\mathcal{O}(2; \{12, 6^9, 4, 3^6, 2\})$	905997312
12	$\mathcal{O}(2; \{12, 6^9, 4^3, 2^6\})$	56733696
12	$\mathcal{O}(2; \{12, 6^9, 4^3, 3^3, 2^2\})$	452874240
12	$\mathcal{O}(2; \{12, 6^9, 4^5, 2^3\})$	226934784
12	$\mathcal{O}(2; \{12, 6^9, 4^7\})$	907739136
12	$\mathcal{O}(2; \{12, 6^{10}, 4, 3, 2^6\})$	56650752
12	$\mathcal{O}(2; \{12, 6^{10}, 4, 3^4, 2^2\})$	452957184
12	$\mathcal{O}(2; \{12, 6^{10}, 4^3, 3, 2^3\})$	226603008
12	$\mathcal{O}(2; \{12, 6^{10}, 4^5, 3\})$	906412032
12	$\mathcal{O}(2; \{12, 6^{11}, 4, 3^2, 2^3\})$	226520064
12	$\mathcal{O}(2; \{12, 6^{11}, 4^3, 3^2\})$	906080256
12	$\mathcal{O}(2; \{12, 6^{12}, 4, 2^4\})$	113218560
12	$\mathcal{O}(2; \{12, 6^{12}, 4, 3^3\})$	905997312
12	$\mathcal{O}(2; \{12, 6^{12}, 4^3, 2\})$	452874240
12	$\mathcal{O}(2; \{12, 6^{13}, 4, 3, 2\})$	452957184
12	$\mathcal{O}(2; \{12^2, 3^2, 2^{21}\})$	248832
12	$\mathcal{O}(2; \{12^2, 3^5, 2^{17}\})$	1741824
12	$\mathcal{O}(2; \{12^2, 3^8, 2^{13}\})$	14183424

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 3^{11}, 2^9\})$	113218560
12	$\mathcal{O}(2; \{12^2, 3^{14}, 2^5\})$	905997312
12	$\mathcal{O}(2; \{12^2, 3^{17}, 2\})$	7247729664
12	$\mathcal{O}(2; \{12^2, 4^2, 3^2, 2^{18}\})$	995328
12	$\mathcal{O}(2; \{12^2, 4^2, 3^5, 2^{14}\})$	6967296
12	$\mathcal{O}(2; \{12^2, 4^2, 3^8, 2^{10}\})$	56733696
12	$\mathcal{O}(2; \{12^2, 4^2, 3^{11}, 2^6\})$	452874240
12	$\mathcal{O}(2; \{12^2, 4^2, 3^{14}, 2^2\})$	3623989248
12	$\mathcal{O}(2; \{12^2, 4^4, 3^2, 2^{15}\})$	3981312
12	$\mathcal{O}(2; \{12^2, 4^4, 3^5, 2^{11}\})$	27869184
12	$\mathcal{O}(2; \{12^2, 4^4, 3^8, 2^7\})$	226934784
12	$\mathcal{O}(2; \{12^2, 4^4, 3^{11}, 2^3\})$	1811496960
12	$\mathcal{O}(2; \{12^2, 4^6, 3^2, 2^{12}\})$	15925248
12	$\mathcal{O}(2; \{12^2, 4^6, 3^5, 2^8\})$	111476736
12	$\mathcal{O}(2; \{12^2, 4^6, 3^8, 2^4\})$	907739136
12	$\mathcal{O}(2; \{12^2, 4^6, 3^{11}\})$	7245987840
12	$\mathcal{O}(2; \{12^2, 4^8, 3^2, 2^9\})$	63700992
12	$\mathcal{O}(2; \{12^2, 4^8, 3^5, 2^5\})$	445906944
12	$\mathcal{O}(2; \{12^2, 4^8, 3^8, 2\})$	3630956544
12	$\mathcal{O}(2; \{12^2, 4^{10}, 3^2, 2^6\})$	254803968
12	$\mathcal{O}(2; \{12^2, 4^{10}, 3^5, 2^2\})$	1783627776
12	$\mathcal{O}(2; \{12^2, 4^{12}, 3^2, 2^3\})$	1019215872
12	$\mathcal{O}(2; \{12^2, 4^{14}, 3^2\})$	4076863488
12	$\mathcal{O}(2; \{12^2, 6, 2^{22}\})$	82944
12	$\mathcal{O}(2; \{12^2, 6, 3^3, 2^{18}\})$	912384
12	$\mathcal{O}(2; \{12^2, 6, 3^6, 2^{14}\})$	7050240
12	$\mathcal{O}(2; \{12^2, 6, 3^9, 2^{10}\})$	56650752
12	$\mathcal{O}(2; \{12^2, 6, 3^{12}, 2^6\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6, 3^{15}, 2^2\})$	3623906304
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 2^{19}\})$	331776
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^3, 2^{15}\})$	3649536
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^6, 2^{11}\})$	28200960
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^9, 2^7\})$	226603008
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^{12}, 2^3\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 2^{16}\})$	1327104
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^3, 2^{12}\})$	14598144
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^6, 2^8\})$	112803840
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^9, 2^4\})$	906412032
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^{12}\})$	7247314944
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 2^{13}\})$	5308416
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 3^3, 2^9\})$	58392576
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 3^6, 2^5\})$	451215360
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 3^9, 2\})$	3625648128

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 6, 4^8, 2^{10}\})$	21233664
12	$\mathcal{O}(2; \{12^2, 6, 4^8, 3^3, 2^6\})$	233570304
12	$\mathcal{O}(2; \{12^2, 6, 4^8, 3^6, 2^2\})$	1804861440
12	$\mathcal{O}(2; \{12^2, 6, 4^{10}, 2^7\})$	84934656
12	$\mathcal{O}(2; \{12^2, 6, 4^{10}, 3^3, 2^3\})$	934281216
12	$\mathcal{O}(2; \{12^2, 6, 4^{12}, 2^4\})$	339738624
12	$\mathcal{O}(2; \{12^2, 6, 4^{12}, 3^3\})$	3737124864
12	$\mathcal{O}(2; \{12^2, 6, 4^{14}, 2\})$	1358954496
12	$\mathcal{O}(2; \{12^2, 6^2, 3, 2^{19}\})$	414720
12	$\mathcal{O}(2; \{12^2, 6^2, 3^4, 2^{15}\})$	3566592
12	$\mathcal{O}(2; \{12^2, 6^2, 3^7, 2^{11}\})$	28283904
12	$\mathcal{O}(2; \{12^2, 6^2, 3^{10}, 2^7\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^2, 3^{13}, 2^3\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3, 2^{16}\})$	1658880
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^4, 2^{12}\})$	14266368
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^7, 2^8\})$	113135616
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^{10}, 2^4\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^{13}\})$	7247646720
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3, 2^{13}\})$	6635520
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3^4, 2^9\})$	57065472
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3^7, 2^5\})$	452542464
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3^{10}, 2\})$	3624321024
12	$\mathcal{O}(2; \{12^2, 6^2, 4^6, 3, 2^{10}\})$	26542080
12	$\mathcal{O}(2; \{12^2, 6^2, 4^6, 3^4, 2^6\})$	228261888
12	$\mathcal{O}(2; \{12^2, 6^2, 4^6, 3^7, 2^2\})$	1810169856
12	$\mathcal{O}(2; \{12^2, 6^2, 4^8, 3, 2^7\})$	106168320
12	$\mathcal{O}(2; \{12^2, 6^2, 4^8, 3^4, 2^3\})$	913047552
12	$\mathcal{O}(2; \{12^2, 6^2, 4^{10}, 3, 2^4\})$	424673280
12	$\mathcal{O}(2; \{12^2, 6^2, 4^{10}, 3^4\})$	3652190208
12	$\mathcal{O}(2; \{12^2, 6^2, 4^{12}, 3, 2\})$	1698693120
12	$\mathcal{O}(2; \{12^2, 6^3, 3^2, 2^{16}\})$	1741824
12	$\mathcal{O}(2; \{12^2, 6^3, 3^5, 2^{12}\})$	14183424
12	$\mathcal{O}(2; \{12^2, 6^3, 3^8, 2^8\})$	113218560
12	$\mathcal{O}(2; \{12^2, 6^3, 3^{11}, 2^4\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^3, 3^{14}\})$	7247729664
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^2, 2^{13}\})$	6967296
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^5, 2^9\})$	56733696
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^8, 2^5\})$	452874240
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^{11}, 2\})$	3623989248
12	$\mathcal{O}(2; \{12^2, 6^3, 4^4, 3^2, 2^{10}\})$	27869184
12	$\mathcal{O}(2; \{12^2, 6^3, 4^4, 3^5, 2^6\})$	226934784
12	$\mathcal{O}(2; \{12^2, 6^3, 4^4, 3^8, 2^2\})$	1811496960
12	$\mathcal{O}(2; \{12^2, 6^3, 4^6, 3^2, 2^7\})$	111476736

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 6^3, 4^6, 3^5, 2^3\})$	907739136
12	$\mathcal{O}(2; \{12^2, 6^3, 4^8, 3^2, 2^4\})$	445906944
12	$\mathcal{O}(2; \{12^2, 6^3, 4^8, 3^5\})$	3630956544
12	$\mathcal{O}(2; \{12^2, 6^3, 4^{10}, 3^2, 2\})$	1783627776
12	$\mathcal{O}(2; \{12^2, 6^4, 2^{17}\})$	912384
12	$\mathcal{O}(2; \{12^2, 6^4, 3^3, 2^{13}\})$	7050240
12	$\mathcal{O}(2; \{12^2, 6^4, 3^6, 2^9\})$	56650752
12	$\mathcal{O}(2; \{12^2, 6^4, 3^9, 2^5\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^4, 3^{12}, 2\})$	3623906304
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 2^{14}\})$	3649536
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 3^3, 2^{10}\})$	28200960
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 3^6, 2^6\})$	226603008
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 3^9, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6^4, 4^4, 2^{11}\})$	14598144
12	$\mathcal{O}(2; \{12^2, 6^4, 4^4, 3^3, 2^7\})$	112803840
12	$\mathcal{O}(2; \{12^2, 6^4, 4^4, 3^6, 2^3\})$	906412032
12	$\mathcal{O}(2; \{12^2, 6^4, 4^6, 2^8\})$	58392576
12	$\mathcal{O}(2; \{12^2, 6^4, 4^6, 3^3, 2^4\})$	451215360
12	$\mathcal{O}(2; \{12^2, 6^4, 4^6, 3^6\})$	3625648128
12	$\mathcal{O}(2; \{12^2, 6^4, 4^8, 2^5\})$	233570304
12	$\mathcal{O}(2; \{12^2, 6^4, 4^8, 3^3, 2\})$	1804861440
12	$\mathcal{O}(2; \{12^2, 6^4, 4^{10}, 2^2\})$	934281216
12	$\mathcal{O}(2; \{12^2, 6^5, 3, 2^{14}\})$	3566592
12	$\mathcal{O}(2; \{12^2, 6^5, 3^4, 2^{10}\})$	28283904
12	$\mathcal{O}(2; \{12^2, 6^5, 3^7, 2^6\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^5, 3^{10}, 2^2\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6^5, 4^2, 3, 2^{11}\})$	14266368
12	$\mathcal{O}(2; \{12^2, 6^5, 4^2, 3^4, 2^7\})$	113135616
12	$\mathcal{O}(2; \{12^2, 6^5, 4^2, 3^7, 2^3\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^5, 4^4, 3, 2^8\})$	57065472
12	$\mathcal{O}(2; \{12^2, 6^5, 4^4, 3^4, 2^4\})$	452542464
12	$\mathcal{O}(2; \{12^2, 6^5, 4^4, 3^7\})$	3624321024
12	$\mathcal{O}(2; \{12^2, 6^5, 4^6, 3, 2^5\})$	228261888
12	$\mathcal{O}(2; \{12^2, 6^5, 4^6, 3^4, 2\})$	1810169856
12	$\mathcal{O}(2; \{12^2, 6^5, 4^8, 3, 2^2\})$	913047552
12	$\mathcal{O}(2; \{12^2, 6^6, 3^2, 2^{11}\})$	14183424
12	$\mathcal{O}(2; \{12^2, 6^6, 3^5, 2^7\})$	113218560
12	$\mathcal{O}(2; \{12^2, 6^6, 3^8, 2^3\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^6, 4^2, 3^2, 2^8\})$	56733696
12	$\mathcal{O}(2; \{12^2, 6^6, 4^2, 3^5, 2^4\})$	452874240
12	$\mathcal{O}(2; \{12^2, 6^6, 4^2, 3^8\})$	3623989248
12	$\mathcal{O}(2; \{12^2, 6^6, 4^4, 3^2, 2^5\})$	226934784
12	$\mathcal{O}(2; \{12^2, 6^6, 4^4, 3^5, 2\})$	1811496960

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 6^6, 4^6, 3^2, 2^2\})$	907739136
12	$\mathcal{O}(2; \{12^2, 6^7, 2^{12}\})$	7050240
12	$\mathcal{O}(2; \{12^2, 6^7, 3^3, 2^8\})$	56650752
12	$\mathcal{O}(2; \{12^2, 6^7, 3^6, 2^4\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^7, 3^9\})$	3623906304
12	$\mathcal{O}(2; \{12^2, 6^7, 4^2, 2^9\})$	28200960
12	$\mathcal{O}(2; \{12^2, 6^7, 4^2, 3^3, 2^5\})$	226603008
12	$\mathcal{O}(2; \{12^2, 6^7, 4^2, 3^6, 2\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6^7, 4^4, 2^6\})$	112803840
12	$\mathcal{O}(2; \{12^2, 6^7, 4^4, 3^3, 2^2\})$	906412032
12	$\mathcal{O}(2; \{12^2, 6^7, 4^6, 2^3\})$	451215360
12	$\mathcal{O}(2; \{12^2, 6^7, 4^8\})$	1804861440
12	$\mathcal{O}(2; \{12^2, 6^8, 3, 2^9\})$	28283904
12	$\mathcal{O}(2; \{12^2, 6^8, 3^4, 2^5\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^8, 3^7, 2\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6^8, 4^2, 3, 2^6\})$	113135616
12	$\mathcal{O}(2; \{12^2, 6^8, 4^2, 3^4, 2^2\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^8, 4^4, 3, 2^3\})$	452542464
12	$\mathcal{O}(2; \{12^2, 6^8, 4^6, 3\})$	1810169856
12	$\mathcal{O}(2; \{12^2, 6^9, 3^2, 2^6\})$	113218560
12	$\mathcal{O}(2; \{12^2, 6^9, 3^5, 2^2\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^9, 4^2, 3^2, 2^3\})$	452874240
12	$\mathcal{O}(2; \{12^2, 6^9, 4^4, 3^2\})$	1811496960
12	$\mathcal{O}(2; \{12^2, 6^{10}, 2^7\})$	56650752
12	$\mathcal{O}(2; \{12^2, 6^{10}, 3^3, 2^3\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^{10}, 4^2, 2^4\})$	226603008
12	$\mathcal{O}(2; \{12^2, 6^{10}, 4^2, 3^3\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6^{10}, 4^4, 2\})$	906412032
12	$\mathcal{O}(2; \{12^2, 6^{11}, 3, 2^4\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^{11}, 3^4\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6^{11}, 4^2, 3, 2\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^{12}, 3^2, 2\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^{13}, 2^2\})$	452957184
12	$\mathcal{O}(2; \{12^3, 4, 3, 2^{19}\})$	995328
12	$\mathcal{O}(2; \{12^3, 4, 3^4, 2^{15}\})$	6967296
12	$\mathcal{O}(2; \{12^3, 4, 3^7, 2^{11}\})$	56733696
12	$\mathcal{O}(2; \{12^3, 4, 3^{10}, 2^7\})$	452874240
12	$\mathcal{O}(2; \{12^3, 4, 3^{13}, 2^3\})$	3623989248
12	$\mathcal{O}(2; \{12^3, 4^3, 3, 2^{16}\})$	3981312
12	$\mathcal{O}(2; \{12^3, 4^3, 3^4, 2^{12}\})$	27869184
12	$\mathcal{O}(2; \{12^3, 4^3, 3^7, 2^8\})$	226934784
12	$\mathcal{O}(2; \{12^3, 4^3, 3^{10}, 2^4\})$	1811496960
12	$\mathcal{O}(2; \{12^3, 4^3, 3^{13}\})$	14495956992

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^3, 4^5, 3, 2^{13}\})$	15925248
12	$\mathcal{O}(2; \{12^3, 4^5, 3^4, 2^9\})$	111476736
12	$\mathcal{O}(2; \{12^3, 4^5, 3^7, 2^5\})$	907739136
12	$\mathcal{O}(2; \{12^3, 4^5, 3^{10}, 2\})$	7245987840
12	$\mathcal{O}(2; \{12^3, 4^7, 3, 2^{10}\})$	63700992
12	$\mathcal{O}(2; \{12^3, 4^7, 3^4, 2^6\})$	445906944
12	$\mathcal{O}(2; \{12^3, 4^7, 3^7, 2^2\})$	3630956544
12	$\mathcal{O}(2; \{12^3, 4^9, 3, 2^7\})$	254803968
12	$\mathcal{O}(2; \{12^3, 4^9, 3^4, 2^3\})$	1783627776
12	$\mathcal{O}(2; \{12^3, 4^{11}, 3, 2^4\})$	1019215872
12	$\mathcal{O}(2; \{12^3, 4^{11}, 3^4\})$	7134511104
12	$\mathcal{O}(2; \{12^3, 4^{13}, 3, 2\})$	4076863488
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^2, 2^{16}\})$	3649536
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^5, 2^{12}\})$	28200960
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^8, 2^8\})$	226603008
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^{11}, 2^4\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^{14}\})$	14495625216
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^2, 2^{13}\})$	14598144
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^5, 2^9\})$	112803840
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^8, 2^5\})$	906412032
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^{11}, 2\})$	7247314944
12	$\mathcal{O}(2; \{12^3, 6, 4^5, 3^2, 2^{10}\})$	58392576
12	$\mathcal{O}(2; \{12^3, 6, 4^5, 3^5, 2^6\})$	451215360
12	$\mathcal{O}(2; \{12^3, 6, 4^5, 3^8, 2^2\})$	3625648128
12	$\mathcal{O}(2; \{12^3, 6, 4^7, 3^2, 2^7\})$	233570304
12	$\mathcal{O}(2; \{12^3, 6, 4^7, 3^5, 2^3\})$	1804861440
12	$\mathcal{O}(2; \{12^3, 6, 4^9, 3^2, 2^4\})$	934281216
12	$\mathcal{O}(2; \{12^3, 6, 4^9, 3^5\})$	7219445760
12	$\mathcal{O}(2; \{12^3, 6, 4^{11}, 3^2, 2\})$	3737124864
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 2^{17}\})$	1658880
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^3, 2^{13}\})$	14266368
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^6, 2^9\})$	113135616
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^9, 2^5\})$	906080256
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^{12}, 2\})$	7247646720
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 2^{14}\})$	6635520
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 3^3, 2^{10}\})$	57065472
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 3^6, 2^6\})$	452542464
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 3^9, 2^2\})$	3624321024
12	$\mathcal{O}(2; \{12^3, 6^2, 4^5, 2^{11}\})$	26542080
12	$\mathcal{O}(2; \{12^3, 6^2, 4^5, 3^3, 2^7\})$	228261888
12	$\mathcal{O}(2; \{12^3, 6^2, 4^5, 3^6, 2^3\})$	1810169856
12	$\mathcal{O}(2; \{12^3, 6^2, 4^7, 2^8\})$	106168320
12	$\mathcal{O}(2; \{12^3, 6^2, 4^7, 3^3, 2^4\})$	913047552

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^3, 6^2, 4^7, 3^6\})$	7240679424
12	$\mathcal{O}(2; \{12^3, 6^2, 4^9, 2^5\})$	424673280
12	$\mathcal{O}(2; \{12^3, 6^2, 4^9, 3^3, 2\})$	3652190208
12	$\mathcal{O}(2; \{12^3, 6^2, 4^{11}, 2^2\})$	1698693120
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3, 2^{14}\})$	6967296
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3^4, 2^{10}\})$	56733696
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3^7, 2^6\})$	452874240
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3^{10}, 2^2\})$	3623989248
12	$\mathcal{O}(2; \{12^3, 6^3, 4^3, 3, 2^{11}\})$	27869184
12	$\mathcal{O}(2; \{12^3, 6^3, 4^3, 3^4, 2^7\})$	226934784
12	$\mathcal{O}(2; \{12^3, 6^3, 4^3, 3^7, 2^3\})$	1811496960
12	$\mathcal{O}(2; \{12^3, 6^3, 4^5, 3, 2^8\})$	111476736
12	$\mathcal{O}(2; \{12^3, 6^3, 4^5, 3^4, 2^4\})$	907739136
12	$\mathcal{O}(2; \{12^3, 6^3, 4^5, 3^7\})$	7245987840
12	$\mathcal{O}(2; \{12^3, 6^3, 4^7, 3, 2^5\})$	445906944
12	$\mathcal{O}(2; \{12^3, 6^3, 4^7, 3^4, 2\})$	3630956544
12	$\mathcal{O}(2; \{12^3, 6^3, 4^9, 3, 2^2\})$	1783627776
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 3^2, 2^{11}\})$	28200960
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 3^5, 2^7\})$	226603008
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 3^8, 2^3\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 6^4, 4^3, 3^2, 2^8\})$	112803840
12	$\mathcal{O}(2; \{12^3, 6^4, 4^3, 3^5, 2^4\})$	906412032
12	$\mathcal{O}(2; \{12^3, 6^4, 4^3, 3^8\})$	7247314944
12	$\mathcal{O}(2; \{12^3, 6^4, 4^5, 3^2, 2^5\})$	451215360
12	$\mathcal{O}(2; \{12^3, 6^4, 4^5, 3^5, 2\})$	3625648128
12	$\mathcal{O}(2; \{12^3, 6^4, 4^7, 3^2, 2^2\})$	1804861440
12	$\mathcal{O}(2; \{12^3, 6^5, 4, 2^{12}\})$	14266368
12	$\mathcal{O}(2; \{12^3, 6^5, 4, 3^3, 2^8\})$	113135616
12	$\mathcal{O}(2; \{12^3, 6^5, 4, 3^6, 2^4\})$	906080256
12	$\mathcal{O}(2; \{12^3, 6^5, 4, 3^9\})$	7247646720
12	$\mathcal{O}(2; \{12^3, 6^5, 4^3, 2^9\})$	57065472
12	$\mathcal{O}(2; \{12^3, 6^5, 4^3, 3^3, 2^5\})$	452542464
12	$\mathcal{O}(2; \{12^3, 6^5, 4^3, 3^6, 2\})$	3624321024
12	$\mathcal{O}(2; \{12^3, 6^5, 4^5, 2^6\})$	228261888
12	$\mathcal{O}(2; \{12^3, 6^5, 4^5, 3^3, 2^2\})$	1810169856
12	$\mathcal{O}(2; \{12^3, 6^5, 4^7, 2^3\})$	913047552
12	$\mathcal{O}(2; \{12^3, 6^5, 4^9\})$	3652190208
12	$\mathcal{O}(2; \{12^3, 6^6, 4, 3, 2^9\})$	56733696
12	$\mathcal{O}(2; \{12^3, 6^6, 4, 3^4, 2^5\})$	452874240
12	$\mathcal{O}(2; \{12^3, 6^6, 4, 3^7, 2\})$	3623989248
12	$\mathcal{O}(2; \{12^3, 6^6, 4^3, 3, 2^6\})$	226934784
12	$\mathcal{O}(2; \{12^3, 6^6, 4^3, 3^4, 2^2\})$	1811496960
12	$\mathcal{O}(2; \{12^3, 6^6, 4^5, 3, 2^3\})$	907739136

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^3, 6^6, 4^7, 3\})$	3630956544
12	$\mathcal{O}(2; \{12^3, 6^7, 4, 3^2, 2^6\})$	226603008
12	$\mathcal{O}(2; \{12^3, 6^7, 4, 3^5, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 6^7, 4^3, 3^2, 2^3\})$	906412032
12	$\mathcal{O}(2; \{12^3, 6^7, 4^5, 3^2\})$	3625648128
12	$\mathcal{O}(2; \{12^3, 6^8, 4, 2^7\})$	113135616
12	$\mathcal{O}(2; \{12^3, 6^8, 4, 3^3, 2^3\})$	906080256
12	$\mathcal{O}(2; \{12^3, 6^8, 4^3, 2^4\})$	452542464
12	$\mathcal{O}(2; \{12^3, 6^8, 4^3, 3^3\})$	3624321024
12	$\mathcal{O}(2; \{12^3, 6^8, 4^5, 2\})$	1810169856
12	$\mathcal{O}(2; \{12^3, 6^9, 4, 3, 2^4\})$	452874240
12	$\mathcal{O}(2; \{12^3, 6^9, 4, 3^4\})$	3623989248
12	$\mathcal{O}(2; \{12^3, 6^9, 4^3, 3, 2\})$	1811496960
12	$\mathcal{O}(2; \{12^3, 6^{10}, 4, 3^2, 2\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 6^{11}, 4, 2^2\})$	906080256
12	$\mathcal{O}(2; \{12^4, 2^{20}\})$	995328
12	$\mathcal{O}(2; \{12^4, 3^3, 2^{16}\})$	6967296
12	$\mathcal{O}(2; \{12^4, 3^6, 2^{12}\})$	56733696
12	$\mathcal{O}(2; \{12^4, 3^9, 2^8\})$	452874240
12	$\mathcal{O}(2; \{12^4, 3^{12}, 2^4\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 3^{15}\})$	28990918656
12	$\mathcal{O}(2; \{12^4, 4^2, 2^{17}\})$	3981312
12	$\mathcal{O}(2; \{12^4, 4^2, 3^3, 2^{13}\})$	27869184
12	$\mathcal{O}(2; \{12^4, 4^2, 3^6, 2^9\})$	226934784
12	$\mathcal{O}(2; \{12^4, 4^2, 3^9, 2^5\})$	1811496960
12	$\mathcal{O}(2; \{12^4, 4^2, 3^{12}, 2\})$	14495956992
12	$\mathcal{O}(2; \{12^4, 4^4, 2^{14}\})$	15925248
12	$\mathcal{O}(2; \{12^4, 4^4, 3^3, 2^{10}\})$	111476736
12	$\mathcal{O}(2; \{12^4, 4^4, 3^6, 2^6\})$	907739136
12	$\mathcal{O}(2; \{12^4, 4^4, 3^9, 2^2\})$	7245987840
12	$\mathcal{O}(2; \{12^4, 4^6, 2^{11}\})$	63700992
12	$\mathcal{O}(2; \{12^4, 4^6, 3^3, 2^7\})$	445906944
12	$\mathcal{O}(2; \{12^4, 4^6, 3^6, 2^3\})$	3630956544
12	$\mathcal{O}(2; \{12^4, 4^8, 2^8\})$	254803968
12	$\mathcal{O}(2; \{12^4, 4^8, 3^3, 2^4\})$	1783627776
12	$\mathcal{O}(2; \{12^4, 4^8, 3^6\})$	14523826176
12	$\mathcal{O}(2; \{12^4, 4^{10}, 2^5\})$	1019215872
12	$\mathcal{O}(2; \{12^4, 4^{10}, 3^3, 2\})$	7134511104
12	$\mathcal{O}(2; \{12^4, 4^{12}, 2^2\})$	4076863488
12	$\mathcal{O}(2; \{12^4, 6, 3, 2^{17}\})$	3649536
12	$\mathcal{O}(2; \{12^4, 6, 3^4, 2^{13}\})$	28200960
12	$\mathcal{O}(2; \{12^4, 6, 3^7, 2^9\})$	226603008
12	$\mathcal{O}(2; \{12^4, 6, 3^{10}, 2^5\})$	1811828736

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^4, 6, 3^{13}, 2\})$	14495625216
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3, 2^{14}\})$	14598144
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3^4, 2^{10}\})$	112803840
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3^7, 2^6\})$	906412032
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3^{10}, 2^2\})$	7247314944
12	$\mathcal{O}(2; \{12^4, 6, 4^4, 3, 2^{11}\})$	58392576
12	$\mathcal{O}(2; \{12^4, 6, 4^4, 3^4, 2^7\})$	451215360
12	$\mathcal{O}(2; \{12^4, 6, 4^4, 3^7, 2^3\})$	3625648128
12	$\mathcal{O}(2; \{12^4, 6, 4^6, 3, 2^8\})$	233570304
12	$\mathcal{O}(2; \{12^4, 6, 4^6, 3^4, 2^4\})$	1804861440
12	$\mathcal{O}(2; \{12^4, 6, 4^6, 3^7\})$	14502592512
12	$\mathcal{O}(2; \{12^4, 6, 4^8, 3, 2^5\})$	934281216
12	$\mathcal{O}(2; \{12^4, 6, 4^8, 3^4, 2\})$	7219445760
12	$\mathcal{O}(2; \{12^4, 6, 4^{10}, 3, 2^2\})$	3737124864
12	$\mathcal{O}(2; \{12^4, 6^2, 3^2, 2^{14}\})$	14266368
12	$\mathcal{O}(2; \{12^4, 6^2, 3^5, 2^{10}\})$	113135616
12	$\mathcal{O}(2; \{12^4, 6^2, 3^8, 2^6\})$	906080256
12	$\mathcal{O}(2; \{12^4, 6^2, 3^{11}, 2^2\})$	7247646720
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 3^2, 2^{11}\})$	57065472
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 3^5, 2^7\})$	452542464
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 3^8, 2^3\})$	3624321024
12	$\mathcal{O}(2; \{12^4, 6^2, 4^4, 3^2, 2^8\})$	228261888
12	$\mathcal{O}(2; \{12^4, 6^2, 4^4, 3^5, 2^4\})$	1810169856
12	$\mathcal{O}(2; \{12^4, 6^2, 4^4, 3^8\})$	14497284096
12	$\mathcal{O}(2; \{12^4, 6^2, 4^6, 3^2, 2^5\})$	913047552
12	$\mathcal{O}(2; \{12^4, 6^2, 4^6, 3^5, 2\})$	7240679424
12	$\mathcal{O}(2; \{12^4, 6^2, 4^8, 3^2, 2^2\})$	3652190208
12	$\mathcal{O}(2; \{12^4, 6^3, 2^{15}\})$	6967296
12	$\mathcal{O}(2; \{12^4, 6^3, 3^3, 2^{11}\})$	56733696
12	$\mathcal{O}(2; \{12^4, 6^3, 3^6, 2^7\})$	452874240
12	$\mathcal{O}(2; \{12^4, 6^3, 3^9, 2^3\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 6^3, 4^2, 2^{12}\})$	27869184
12	$\mathcal{O}(2; \{12^4, 6^3, 4^2, 3^3, 2^8\})$	226934784
12	$\mathcal{O}(2; \{12^4, 6^3, 4^2, 3^6, 2^4\})$	1811496960
12	$\mathcal{O}(2; \{12^4, 6^3, 4^2, 3^9\})$	14495956992
12	$\mathcal{O}(2; \{12^4, 6^3, 4^4, 2^9\})$	111476736
12	$\mathcal{O}(2; \{12^4, 6^3, 4^4, 3^3, 2^5\})$	907739136
12	$\mathcal{O}(2; \{12^4, 6^3, 4^4, 3^6, 2\})$	7245987840
12	$\mathcal{O}(2; \{12^4, 6^3, 4^6, 2^6\})$	445906944
12	$\mathcal{O}(2; \{12^4, 6^3, 4^6, 3^3, 2^2\})$	3630956544
12	$\mathcal{O}(2; \{12^4, 6^3, 4^8, 2^3\})$	1783627776
12	$\mathcal{O}(2; \{12^4, 6^3, 4^{10}\})$	7134511104
12	$\mathcal{O}(2; \{12^4, 6^4, 3, 2^{12}\})$	28200960

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^4, 6^4, 3^4, 2^8\})$	226603008
12	$\mathcal{O}(2; \{12^4, 6^4, 3^7, 2^4\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 6^4, 3^{10}\})$	14495625216
12	$\mathcal{O}(2; \{12^4, 6^4, 4^2, 3, 2^9\})$	112803840
12	$\mathcal{O}(2; \{12^4, 6^4, 4^2, 3^4, 2^5\})$	906412032
12	$\mathcal{O}(2; \{12^4, 6^4, 4^2, 3^7, 2\})$	7247314944
12	$\mathcal{O}(2; \{12^4, 6^4, 4^4, 3, 2^6\})$	451215360
12	$\mathcal{O}(2; \{12^4, 6^4, 4^4, 3^4, 2^2\})$	3625648128
12	$\mathcal{O}(2; \{12^4, 6^4, 4^6, 3, 2^3\})$	1804861440
12	$\mathcal{O}(2; \{12^4, 6^4, 4^8, 3\})$	7219445760
12	$\mathcal{O}(2; \{12^4, 6^5, 3^2, 2^9\})$	113135616
12	$\mathcal{O}(2; \{12^4, 6^5, 3^5, 2^5\})$	906080256
12	$\mathcal{O}(2; \{12^4, 6^5, 3^8, 2\})$	7247646720
12	$\mathcal{O}(2; \{12^4, 6^5, 4^2, 3^2, 2^6\})$	452542464
12	$\mathcal{O}(2; \{12^4, 6^5, 4^2, 3^5, 2^2\})$	3624321024
12	$\mathcal{O}(2; \{12^4, 6^5, 4^4, 3^2, 2^3\})$	1810169856
12	$\mathcal{O}(2; \{12^4, 6^5, 4^6, 3^2\})$	7240679424
12	$\mathcal{O}(2; \{12^4, 6^6, 2^{10}\})$	56733696
12	$\mathcal{O}(2; \{12^4, 6^6, 3^3, 2^6\})$	452874240
12	$\mathcal{O}(2; \{12^4, 6^6, 3^6, 2^2\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 6^6, 4^2, 2^7\})$	226934784
12	$\mathcal{O}(2; \{12^4, 6^6, 4^2, 3^3, 2^3\})$	1811496960
12	$\mathcal{O}(2; \{12^4, 6^6, 4^4, 2^4\})$	907739136
12	$\mathcal{O}(2; \{12^4, 6^6, 4^4, 3^3\})$	7245987840
12	$\mathcal{O}(2; \{12^4, 6^6, 4^6, 2\})$	3630956544
12	$\mathcal{O}(2; \{12^4, 6^7, 3, 2^7\})$	226603008
12	$\mathcal{O}(2; \{12^4, 6^7, 3^4, 2^3\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 6^7, 4^2, 3, 2^4\})$	906412032
12	$\mathcal{O}(2; \{12^4, 6^7, 4^2, 3^4\})$	7247314944
12	$\mathcal{O}(2; \{12^4, 6^7, 4^4, 3, 2\})$	3625648128
12	$\mathcal{O}(2; \{12^4, 6^8, 3^2, 2^4\})$	906080256
12	$\mathcal{O}(2; \{12^4, 6^8, 3^5\})$	7247646720
12	$\mathcal{O}(2; \{12^4, 6^8, 4^2, 3^2, 2\})$	3624321024
12	$\mathcal{O}(2; \{12^4, 6^9, 2^5\})$	452874240
12	$\mathcal{O}(2; \{12^4, 6^9, 3^3, 2\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 6^9, 4^2, 2^2\})$	1811496960
12	$\mathcal{O}(2; \{12^4, 6^{10}, 3, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 6^{12}\})$	3623989248
12	$\mathcal{O}(2; \{12^5, 4, 3^2, 2^{14}\})$	27869184
12	$\mathcal{O}(2; \{12^5, 4, 3^5, 2^{10}\})$	226934784
12	$\mathcal{O}(2; \{12^5, 4, 3^8, 2^6\})$	1811496960
12	$\mathcal{O}(2; \{12^5, 4, 3^{11}, 2^2\})$	14495956992
12	$\mathcal{O}(2; \{12^5, 4^3, 3^2, 2^{11}\})$	111476736

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^5, 4^3, 3^5, 2^7\})$	907739136
12	$\mathcal{O}(2; \{12^5, 4^3, 3^8, 2^3\})$	7245987840
12	$\mathcal{O}(2; \{12^5, 4^5, 3^2, 2^8\})$	445906944
12	$\mathcal{O}(2; \{12^5, 4^5, 3^5, 2^4\})$	3630956544
12	$\mathcal{O}(2; \{12^5, 4^5, 3^8\})$	28983951360
12	$\mathcal{O}(2; \{12^5, 4^7, 3^2, 2^5\})$	1783627776
12	$\mathcal{O}(2; \{12^5, 4^7, 3^5, 2\})$	14523826176
12	$\mathcal{O}(2; \{12^5, 4^9, 3^2, 2^2\})$	7134511104
12	$\mathcal{O}(2; \{12^5, 6, 4, 2^{15}\})$	14598144
12	$\mathcal{O}(2; \{12^5, 6, 4, 3^3, 2^{11}\})$	112803840
12	$\mathcal{O}(2; \{12^5, 6, 4, 3^6, 2^7\})$	906412032
12	$\mathcal{O}(2; \{12^5, 6, 4, 3^9, 2^3\})$	7247314944
12	$\mathcal{O}(2; \{12^5, 6, 4^3, 2^{12}\})$	58392576
12	$\mathcal{O}(2; \{12^5, 6, 4^3, 3^3, 2^8\})$	451215360
12	$\mathcal{O}(2; \{12^5, 6, 4^3, 3^6, 2^4\})$	3625648128
12	$\mathcal{O}(2; \{12^5, 6, 4^3, 3^9\})$	28989259776
12	$\mathcal{O}(2; \{12^5, 6, 4^5, 2^9\})$	233570304
12	$\mathcal{O}(2; \{12^5, 6, 4^5, 3^3, 2^5\})$	1804861440
12	$\mathcal{O}(2; \{12^5, 6, 4^5, 3^6, 2\})$	14502592512
12	$\mathcal{O}(2; \{12^5, 6, 4^7, 2^6\})$	934281216
12	$\mathcal{O}(2; \{12^5, 6, 4^7, 3^3, 2^2\})$	7219445760
12	$\mathcal{O}(2; \{12^5, 6, 4^9, 2^3\})$	3737124864
12	$\mathcal{O}(2; \{12^5, 6, 4^{11}\})$	14948499456
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 3, 2^{12}\})$	57065472
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 3^4, 2^8\})$	452542464
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 3^7, 2^4\})$	3624321024
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 3^{10}\})$	28990586880
12	$\mathcal{O}(2; \{12^5, 6^2, 4^3, 3, 2^9\})$	228261888
12	$\mathcal{O}(2; \{12^5, 6^2, 4^3, 3^4, 2^5\})$	1810169856
12	$\mathcal{O}(2; \{12^5, 6^2, 4^3, 3^7, 2\})$	14497284096
12	$\mathcal{O}(2; \{12^5, 6^2, 4^5, 3, 2^6\})$	913047552
12	$\mathcal{O}(2; \{12^5, 6^2, 4^5, 3^4, 2^2\})$	7240679424
12	$\mathcal{O}(2; \{12^5, 6^2, 4^7, 3, 2^3\})$	3652190208
12	$\mathcal{O}(2; \{12^5, 6^2, 4^9, 3\})$	14608760832
12	$\mathcal{O}(2; \{12^5, 6^3, 4, 3^2, 2^9\})$	226934784
12	$\mathcal{O}(2; \{12^5, 6^3, 4, 3^5, 2^5\})$	1811496960
12	$\mathcal{O}(2; \{12^5, 6^3, 4, 3^8, 2\})$	14495956992
12	$\mathcal{O}(2; \{12^5, 6^3, 4^3, 3^2, 2^6\})$	907739136
12	$\mathcal{O}(2; \{12^5, 6^3, 4^3, 3^5, 2^2\})$	7245987840
12	$\mathcal{O}(2; \{12^5, 6^3, 4^5, 3^2, 2^3\})$	3630956544
12	$\mathcal{O}(2; \{12^5, 6^3, 4^7, 3^2\})$	14523826176
12	$\mathcal{O}(2; \{12^5, 6^4, 4, 2^{10}\})$	112803840
12	$\mathcal{O}(2; \{12^5, 6^4, 4, 3^3, 2^6\})$	906412032

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^5, 6^4, 4, 3^6, 2^2\})$	7247314944
12	$\mathcal{O}(2; \{12^5, 6^4, 4^3, 2^7\})$	451215360
12	$\mathcal{O}(2; \{12^5, 6^4, 4^3, 3^3, 2^3\})$	3625648128
12	$\mathcal{O}(2; \{12^5, 6^4, 4^5, 2^4\})$	1804861440
12	$\mathcal{O}(2; \{12^5, 6^4, 4^5, 3^3\})$	14502592512
12	$\mathcal{O}(2; \{12^5, 6^4, 4^7, 2\})$	7219445760
12	$\mathcal{O}(2; \{12^5, 6^5, 4, 3, 2^7\})$	452542464
12	$\mathcal{O}(2; \{12^5, 6^5, 4, 3^4, 2^3\})$	3624321024
12	$\mathcal{O}(2; \{12^5, 6^5, 4^3, 3, 2^4\})$	1810169856
12	$\mathcal{O}(2; \{12^5, 6^5, 4^3, 3^4\})$	14497284096
12	$\mathcal{O}(2; \{12^5, 6^5, 4^5, 3, 2\})$	7240679424
12	$\mathcal{O}(2; \{12^5, 6^6, 4, 3^2, 2^4\})$	1811496960
12	$\mathcal{O}(2; \{12^5, 6^6, 4, 3^5\})$	14495956992
12	$\mathcal{O}(2; \{12^5, 6^6, 4^3, 3^2, 2\})$	7245987840
12	$\mathcal{O}(2; \{12^5, 6^7, 4, 2^5\})$	906412032
12	$\mathcal{O}(2; \{12^5, 6^7, 4, 3^3, 2\})$	7247314944
12	$\mathcal{O}(2; \{12^5, 6^7, 4^3, 2^2\})$	3625648128
12	$\mathcal{O}(2; \{12^5, 6^8, 4, 3, 2^2\})$	3624321024
12	$\mathcal{O}(2; \{12^5, 6^{10}, 4\})$	7247314944
12	$\mathcal{O}(2; \{12^6, 3, 2^{15}\})$	27869184
12	$\mathcal{O}(2; \{12^6, 3^4, 2^{11}\})$	226934784
12	$\mathcal{O}(2; \{12^6, 3^7, 2^7\})$	1811496960
12	$\mathcal{O}(2; \{12^6, 3^{10}, 2^3\})$	14495956992
12	$\mathcal{O}(2; \{12^6, 4^2, 3, 2^{12}\})$	111476736
12	$\mathcal{O}(2; \{12^6, 4^2, 3^4, 2^8\})$	907739136
12	$\mathcal{O}(2; \{12^6, 4^2, 3^7, 2^4\})$	7245987840
12	$\mathcal{O}(2; \{12^6, 4^2, 3^{10}\})$	57983827968
12	$\mathcal{O}(2; \{12^6, 4^4, 3, 2^9\})$	445906944
12	$\mathcal{O}(2; \{12^6, 4^4, 3^4, 2^5\})$	3630956544
12	$\mathcal{O}(2; \{12^6, 4^4, 3^7, 2\})$	28983951360
12	$\mathcal{O}(2; \{12^6, 4^6, 3, 2^6\})$	1783627776
12	$\mathcal{O}(2; \{12^6, 4^6, 3^4, 2^2\})$	14523826176
12	$\mathcal{O}(2; \{12^6, 4^8, 3, 2^3\})$	7134511104
12	$\mathcal{O}(2; \{12^6, 4^{10}, 3\})$	28538044416
12	$\mathcal{O}(2; \{12^6, 6, 3^2, 2^{12}\})$	112803840
12	$\mathcal{O}(2; \{12^6, 6, 3^5, 2^8\})$	906412032
12	$\mathcal{O}(2; \{12^6, 6, 3^8, 2^4\})$	7247314944
12	$\mathcal{O}(2; \{12^6, 6, 3^{11}\})$	57982500864
12	$\mathcal{O}(2; \{12^6, 6, 4^2, 3^2, 2^9\})$	451215360
12	$\mathcal{O}(2; \{12^6, 6, 4^2, 3^5, 2^5\})$	3625648128
12	$\mathcal{O}(2; \{12^6, 6, 4^2, 3^8, 2\})$	28989259776
12	$\mathcal{O}(2; \{12^6, 6, 4^4, 3^2, 2^6\})$	1804861440
12	$\mathcal{O}(2; \{12^6, 6, 4^4, 3^5, 2^2\})$	14502592512

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^6, 6, 4^6, 3^2, 2^3\})$	7219445760
12	$\mathcal{O}(2; \{12^6, 6, 4^8, 3^2\})$	28877783040
12	$\mathcal{O}(2; \{12^6, 6^2, 2^{13}\})$	57065472
12	$\mathcal{O}(2; \{12^6, 6^2, 3^3, 2^9\})$	452542464
12	$\mathcal{O}(2; \{12^6, 6^2, 3^6, 2^5\})$	3624321024
12	$\mathcal{O}(2; \{12^6, 6^2, 3^9, 2\})$	28990586880
12	$\mathcal{O}(2; \{12^6, 6^2, 4^2, 2^{10}\})$	228261888
12	$\mathcal{O}(2; \{12^6, 6^2, 4^2, 3^3, 2^6\})$	1810169856
12	$\mathcal{O}(2; \{12^6, 6^2, 4^2, 3^6, 2^2\})$	14497284096
12	$\mathcal{O}(2; \{12^6, 6^2, 4^4, 2^7\})$	913047552
12	$\mathcal{O}(2; \{12^6, 6^2, 4^4, 3^3, 2^3\})$	7240679424
12	$\mathcal{O}(2; \{12^6, 6^2, 4^6, 2^4\})$	3652190208
12	$\mathcal{O}(2; \{12^6, 6^2, 4^6, 3^3\})$	28962717696
12	$\mathcal{O}(2; \{12^6, 6^2, 4^8, 2\})$	14608760832
12	$\mathcal{O}(2; \{12^6, 6^3, 3, 2^{10}\})$	226934784
12	$\mathcal{O}(2; \{12^6, 6^3, 3^4, 2^6\})$	1811496960
12	$\mathcal{O}(2; \{12^6, 6^3, 3^7, 2^2\})$	14495956992
12	$\mathcal{O}(2; \{12^6, 6^3, 4^2, 3, 2^7\})$	907739136
12	$\mathcal{O}(2; \{12^6, 6^3, 4^2, 3^4, 2^3\})$	7245987840
12	$\mathcal{O}(2; \{12^6, 6^3, 4^4, 3, 2^4\})$	3630956544
12	$\mathcal{O}(2; \{12^6, 6^3, 4^4, 3^4\})$	28983951360
12	$\mathcal{O}(2; \{12^6, 6^3, 4^6, 3, 2\})$	14523826176
12	$\mathcal{O}(2; \{12^6, 6^4, 3^2, 2^7\})$	906412032
12	$\mathcal{O}(2; \{12^6, 6^4, 3^5, 2^3\})$	7247314944
12	$\mathcal{O}(2; \{12^6, 6^4, 4^2, 3^2, 2^4\})$	3625648128
12	$\mathcal{O}(2; \{12^6, 6^4, 4^2, 3^5\})$	28989259776
12	$\mathcal{O}(2; \{12^6, 6^4, 4^4, 3^2, 2\})$	14502592512
12	$\mathcal{O}(2; \{12^6, 6^5, 2^8\})$	452542464
12	$\mathcal{O}(2; \{12^6, 6^5, 3^3, 2^4\})$	3624321024
12	$\mathcal{O}(2; \{12^6, 6^5, 3^6\})$	28990586880
12	$\mathcal{O}(2; \{12^6, 6^5, 4^2, 2^5\})$	1810169856
12	$\mathcal{O}(2; \{12^6, 6^5, 4^2, 3^3, 2\})$	14497284096
12	$\mathcal{O}(2; \{12^6, 6^5, 4^4, 2^2\})$	7240679424
12	$\mathcal{O}(2; \{12^6, 6^6, 3, 2^5\})$	1811496960
12	$\mathcal{O}(2; \{12^6, 6^6, 3^4, 2\})$	14495956992
12	$\mathcal{O}(2; \{12^6, 6^6, 4^2, 3, 2^2\})$	7245987840
12	$\mathcal{O}(2; \{12^6, 6^7, 3^2, 2^2\})$	7247314944
12	$\mathcal{O}(2; \{12^6, 6^8, 2^3\})$	3624321024
12	$\mathcal{O}(2; \{12^6, 6^8, 4^2\})$	14497284096
12	$\mathcal{O}(2; \{12^6, 6^9, 3\})$	14495956992
12	$\mathcal{O}(2; \{12^7, 4, 2^{13}\})$	111476736
12	$\mathcal{O}(2; \{12^7, 4, 3^3, 2^9\})$	907739136
12	$\mathcal{O}(2; \{12^7, 4, 3^6, 2^5\})$	7245987840

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^7, 4, 3^9, 2\})$	57983827968
12	$\mathcal{O}(2; \{12^7, 4^3, 2^{10}\})$	445906944
12	$\mathcal{O}(2; \{12^7, 4^3, 3^3, 2^6\})$	3630956544
12	$\mathcal{O}(2; \{12^7, 4^3, 3^6, 2^2\})$	28983951360
12	$\mathcal{O}(2; \{12^7, 4^5, 2^7\})$	1783627776
12	$\mathcal{O}(2; \{12^7, 4^5, 3^3, 2^3\})$	14523826176
12	$\mathcal{O}(2; \{12^7, 4^7, 2^4\})$	7134511104
12	$\mathcal{O}(2; \{12^7, 4^7, 3^3\})$	58095304704
12	$\mathcal{O}(2; \{12^7, 4^9, 2\})$	28538044416
12	$\mathcal{O}(2; \{12^7, 6, 4, 3, 2^{10}\})$	451215360
12	$\mathcal{O}(2; \{12^7, 6, 4, 3^4, 2^6\})$	3625648128
12	$\mathcal{O}(2; \{12^7, 6, 4, 3^7, 2^2\})$	28989259776
12	$\mathcal{O}(2; \{12^7, 6, 4^3, 3, 2^7\})$	1804861440
12	$\mathcal{O}(2; \{12^7, 6, 4^3, 3^4, 2^3\})$	14502592512
12	$\mathcal{O}(2; \{12^7, 6, 4^5, 3, 2^4\})$	7219445760
12	$\mathcal{O}(2; \{12^7, 6, 4^5, 3^4\})$	58010370048
12	$\mathcal{O}(2; \{12^7, 6, 4^7, 3, 2\})$	28877783040
12	$\mathcal{O}(2; \{12^7, 6^2, 4, 3^2, 2^7\})$	1810169856
12	$\mathcal{O}(2; \{12^7, 6^2, 4, 3^5, 2^3\})$	14497284096
12	$\mathcal{O}(2; \{12^7, 6^2, 4^3, 3^2, 2^4\})$	7240679424
12	$\mathcal{O}(2; \{12^7, 6^2, 4^3, 3^5\})$	57989136384
12	$\mathcal{O}(2; \{12^7, 6^2, 4^5, 3^2, 2\})$	28962717696
12	$\mathcal{O}(2; \{12^7, 6^3, 4, 2^8\})$	907739136
12	$\mathcal{O}(2; \{12^7, 6^3, 4, 3^3, 2^4\})$	7245987840
12	$\mathcal{O}(2; \{12^7, 6^3, 4, 3^6\})$	57983827968
12	$\mathcal{O}(2; \{12^7, 6^3, 4^3, 2^5\})$	3630956544
12	$\mathcal{O}(2; \{12^7, 6^3, 4^3, 3^3, 2\})$	28983951360
12	$\mathcal{O}(2; \{12^7, 6^3, 4^5, 2^2\})$	14523826176
12	$\mathcal{O}(2; \{12^7, 6^4, 4, 3, 2^5\})$	3625648128
12	$\mathcal{O}(2; \{12^7, 6^4, 4, 3^4, 2\})$	28989259776
12	$\mathcal{O}(2; \{12^7, 6^4, 4^3, 3, 2^2\})$	14502592512
12	$\mathcal{O}(2; \{12^7, 6^5, 4, 3^2, 2^2\})$	14497284096
12	$\mathcal{O}(2; \{12^7, 6^6, 4, 2^3\})$	7245987840
12	$\mathcal{O}(2; \{12^7, 6^6, 4^3\})$	28983951360
12	$\mathcal{O}(2; \{12^7, 6^7, 4, 3\})$	28989259776
12	$\mathcal{O}(2; \{12^8, 3^2, 2^{10}\})$	907739136
12	$\mathcal{O}(2; \{12^8, 3^5, 2^6\})$	7245987840
12	$\mathcal{O}(2; \{12^8, 3^8, 2^2\})$	57983827968
12	$\mathcal{O}(2; \{12^8, 4^2, 3^2, 2^7\})$	3630956544
12	$\mathcal{O}(2; \{12^8, 4^2, 3^5, 2^3\})$	28983951360
12	$\mathcal{O}(2; \{12^8, 4^4, 3^2, 2^4\})$	14523826176
12	$\mathcal{O}(2; \{12^8, 4^4, 3^5\})$	115935805440
12	$\mathcal{O}(2; \{12^8, 4^6, 3^2, 2\})$	58095304704

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^8, 6, 2^{11}\})$	451215360
12	$\mathcal{O}(2; \{12^8, 6, 3^3, 2^7\})$	3625648128
12	$\mathcal{O}(2; \{12^8, 6, 3^6, 2^3\})$	28989259776
12	$\mathcal{O}(2; \{12^8, 6, 4^2, 2^8\})$	1804861440
12	$\mathcal{O}(2; \{12^8, 6, 4^2, 3^3, 2^4\})$	14502592512
12	$\mathcal{O}(2; \{12^8, 6, 4^2, 3^6\})$	115957039104
12	$\mathcal{O}(2; \{12^8, 6, 4^4, 2^5\})$	7219445760
12	$\mathcal{O}(2; \{12^8, 6, 4^4, 3^3, 2\})$	58010370048
12	$\mathcal{O}(2; \{12^8, 6, 4^6, 2^2\})$	28877783040
12	$\mathcal{O}(2; \{12^8, 6^2, 3, 2^8\})$	1810169856
12	$\mathcal{O}(2; \{12^8, 6^2, 3^4, 2^4\})$	14497284096
12	$\mathcal{O}(2; \{12^8, 6^2, 3^7\})$	115962347520
12	$\mathcal{O}(2; \{12^8, 6^2, 4^2, 3, 2^5\})$	7240679424
12	$\mathcal{O}(2; \{12^8, 6^2, 4^2, 3^4, 2\})$	57989136384
12	$\mathcal{O}(2; \{12^8, 6^2, 4^4, 3, 2^2\})$	28962717696
12	$\mathcal{O}(2; \{12^8, 6^3, 3^2, 2^5\})$	7245987840
12	$\mathcal{O}(2; \{12^8, 6^3, 3^5, 2\})$	57983827968
12	$\mathcal{O}(2; \{12^8, 6^3, 4^2, 3^2, 2^2\})$	28983951360
12	$\mathcal{O}(2; \{12^8, 6^4, 2^6\})$	3625648128
12	$\mathcal{O}(2; \{12^8, 6^4, 3^3, 2^2\})$	28989259776
12	$\mathcal{O}(2; \{12^8, 6^4, 4^2, 2^3\})$	14502592512
12	$\mathcal{O}(2; \{12^8, 6^4, 4^4\})$	58010370048
12	$\mathcal{O}(2; \{12^8, 6^5, 3, 2^3\})$	14497284096
12	$\mathcal{O}(2; \{12^8, 6^5, 4^2, 3\})$	57989136384
12	$\mathcal{O}(2; \{12^8, 6^6, 3^2\})$	57983827968
12	$\mathcal{O}(2; \{12^8, 6^7, 2\})$	28989259776
12	$\mathcal{O}(2; \{12^9, 4, 3, 2^8\})$	3630956544
12	$\mathcal{O}(2; \{12^9, 4, 3^4, 2^4\})$	28983951360
12	$\mathcal{O}(2; \{12^9, 4, 3^7\})$	231935311872
12	$\mathcal{O}(2; \{12^9, 4^3, 3, 2^5\})$	14523826176
12	$\mathcal{O}(2; \{12^9, 4^3, 3^4, 2\})$	115935805440
12	$\mathcal{O}(2; \{12^9, 4^5, 3, 2^2\})$	58095304704
12	$\mathcal{O}(2; \{12^9, 6, 4, 3^2, 2^5\})$	14502592512
12	$\mathcal{O}(2; \{12^9, 6, 4, 3^5, 2\})$	115957039104
12	$\mathcal{O}(2; \{12^9, 6, 4^3, 3^2, 2^2\})$	58010370048
12	$\mathcal{O}(2; \{12^9, 6^2, 4, 2^6\})$	7240679424
12	$\mathcal{O}(2; \{12^9, 6^2, 4, 3^3, 2^2\})$	57989136384
12	$\mathcal{O}(2; \{12^9, 6^2, 4^3, 2^3\})$	28962717696
12	$\mathcal{O}(2; \{12^9, 6^2, 4^5\})$	115850870784
12	$\mathcal{O}(2; \{12^9, 6^3, 4, 3, 2^3\})$	28983951360
12	$\mathcal{O}(2; \{12^9, 6^3, 4^3, 3\})$	115935805440
12	$\mathcal{O}(2; \{12^9, 6^4, 4, 3^2\})$	115957039104
12	$\mathcal{O}(2; \{12^9, 6^5, 4, 2\})$	57989136384

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^{10}, 2^9\})$	3630956544
12	$\mathcal{O}(2; \{12^{10}, 3^3, 2^5\})$	28983951360
12	$\mathcal{O}(2; \{12^{10}, 3^6, 2\})$	231935311872
12	$\mathcal{O}(2; \{12^{10}, 4^2, 2^6\})$	14523826176
12	$\mathcal{O}(2; \{12^{10}, 4^2, 3^3, 2^2\})$	115935805440
12	$\mathcal{O}(2; \{12^{10}, 4^4, 2^3\})$	58095304704
12	$\mathcal{O}(2; \{12^{10}, 4^6\})$	232381218816
12	$\mathcal{O}(2; \{12^{10}, 6, 3, 2^6\})$	14502592512
12	$\mathcal{O}(2; \{12^{10}, 6, 3^4, 2^2\})$	115957039104
12	$\mathcal{O}(2; \{12^{10}, 6, 4^2, 3, 2^3\})$	58010370048
12	$\mathcal{O}(2; \{12^{10}, 6, 4^4, 3\})$	232041480192
12	$\mathcal{O}(2; \{12^{10}, 6^2, 3^2, 2^3\})$	57989136384
12	$\mathcal{O}(2; \{12^{10}, 6^2, 4^2, 3^2\})$	231956545536
12	$\mathcal{O}(2; \{12^{10}, 6^3, 2^4\})$	28983951360
12	$\mathcal{O}(2; \{12^{10}, 6^3, 3^3\})$	231935311872
12	$\mathcal{O}(2; \{12^{10}, 6^3, 4^2, 2\})$	115935805440
12	$\mathcal{O}(2; \{12^{10}, 6^4, 3, 2\})$	115957039104
12	$\mathcal{O}(2; \{12^{11}, 4, 3^2, 2^3\})$	115935805440
12	$\mathcal{O}(2; \{12^{11}, 4^3, 3^2\})$	463743221760
12	$\mathcal{O}(2; \{12^{11}, 6, 4, 2^4\})$	58010370048
12	$\mathcal{O}(2; \{12^{11}, 6, 4, 3^3\})$	463828156416
12	$\mathcal{O}(2; \{12^{11}, 6, 4^3, 2\})$	232041480192
12	$\mathcal{O}(2; \{12^{11}, 6^2, 4, 3, 2\})$	231956545536
12	$\mathcal{O}(2; \{12^{12}, 3, 2^4\})$	115935805440
12	$\mathcal{O}(2; \{12^{12}, 3^4\})$	927741247488
12	$\mathcal{O}(2; \{12^{12}, 4^2, 3, 2\})$	463743221760
12	$\mathcal{O}(2; \{12^{12}, 6, 3^2, 2\})$	463828156416
12	$\mathcal{O}(2; \{12^{12}, 6^2, 2^2\})$	231956545536
12	$\mathcal{O}(2; \{12^{13}, 4, 2^2\})$	463743221760
12	$\mathcal{O}(2; \{12^{14}, 6\})$	1855312625664
12	$\mathcal{O}(1; \{3^4, 2^{26}\})$	648
12	$\mathcal{O}(1; \{3^7, 2^{22}\})$	4536
12	$\mathcal{O}(1; \{3^{10}, 2^{18}\})$	36936
12	$\mathcal{O}(1; \{3^{13}, 2^{14}\})$	294840
12	$\mathcal{O}(1; \{3^{16}, 2^{10}\})$	2359368
12	$\mathcal{O}(1; \{3^{19}, 2^6\})$	18874296
12	$\mathcal{O}(1; \{3^{22}, 2^2\})$	150995016
12	$\mathcal{O}(1; \{4^2, 3^4, 2^{23}\})$	1728
12	$\mathcal{O}(1; \{4^2, 3^7, 2^{19}\})$	12096
12	$\mathcal{O}(1; \{4^2, 3^{10}, 2^{15}\})$	98496
12	$\mathcal{O}(1; \{4^2, 3^{13}, 2^{11}\})$	786240
12	$\mathcal{O}(1; \{4^2, 3^{16}, 2^7\})$	6291648
12	$\mathcal{O}(1; \{4^2, 3^{19}, 2^3\})$	50331456

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{4^4, 3^4, 2^{20}\})$	6912
12	$\mathcal{O}(1; \{4^4, 3^7, 2^{16}\})$	48384
12	$\mathcal{O}(1; \{4^4, 3^{10}, 2^{12}\})$	393984
12	$\mathcal{O}(1; \{4^4, 3^{13}, 2^8\})$	3144960
12	$\mathcal{O}(1; \{4^4, 3^{16}, 2^4\})$	25166592
12	$\mathcal{O}(1; \{4^4, 3^{19}\})$	201325824
12	$\mathcal{O}(1; \{4^6, 3^4, 2^{17}\})$	27648
12	$\mathcal{O}(1; \{4^6, 3^7, 2^{13}\})$	193536
12	$\mathcal{O}(1; \{4^6, 3^{10}, 2^9\})$	1575936
12	$\mathcal{O}(1; \{4^6, 3^{13}, 2^5\})$	12579840
12	$\mathcal{O}(1; \{4^6, 3^{16}, 2\})$	100666368
12	$\mathcal{O}(1; \{4^8, 3^4, 2^{14}\})$	110592
12	$\mathcal{O}(1; \{4^8, 3^7, 2^{10}\})$	774144
12	$\mathcal{O}(1; \{4^8, 3^{10}, 2^6\})$	6303744
12	$\mathcal{O}(1; \{4^8, 3^{13}, 2^2\})$	50319360
12	$\mathcal{O}(1; \{4^{10}, 3^4, 2^{11}\})$	442368
12	$\mathcal{O}(1; \{4^{10}, 3^7, 2^7\})$	3096576
12	$\mathcal{O}(1; \{4^{10}, 3^{10}, 2^3\})$	25214976
12	$\mathcal{O}(1; \{4^{12}, 3^4, 2^8\})$	1769472
12	$\mathcal{O}(1; \{4^{12}, 3^7, 2^4\})$	12386304
12	$\mathcal{O}(1; \{4^{12}, 3^{10}\})$	100859904
12	$\mathcal{O}(1; \{4^{14}, 3^4, 2^5\})$	7077888
12	$\mathcal{O}(1; \{4^{14}, 3^7, 2\})$	49545216
12	$\mathcal{O}(1; \{4^{16}, 3^4, 2^2\})$	28311552
12	$\mathcal{O}(1; \{6, 3^2, 2^{27}\})$	216
12	$\mathcal{O}(1; \{6, 3^5, 2^{23}\})$	2376
12	$\mathcal{O}(1; \{6, 3^8, 2^{19}\})$	18360
12	$\mathcal{O}(1; \{6, 3^{11}, 2^{15}\})$	147528
12	$\mathcal{O}(1; \{6, 3^{14}, 2^{11}\})$	1179576
12	$\mathcal{O}(1; \{6, 3^{17}, 2^7\})$	9437256
12	$\mathcal{O}(1; \{6, 3^{20}, 2^3\})$	75497400
12	$\mathcal{O}(1; \{6, 4^2, 3^2, 2^{24}\})$	576
12	$\mathcal{O}(1; \{6, 4^2, 3^5, 2^{20}\})$	6336
12	$\mathcal{O}(1; \{6, 4^2, 3^8, 2^{16}\})$	48960
12	$\mathcal{O}(1; \{6, 4^2, 3^{11}, 2^{12}\})$	393408
12	$\mathcal{O}(1; \{6, 4^2, 3^{14}, 2^8\})$	3145536
12	$\mathcal{O}(1; \{6, 4^2, 3^{17}, 2^4\})$	25166016
12	$\mathcal{O}(1; \{6, 4^2, 3^{20}\})$	201326400
12	$\mathcal{O}(1; \{6, 4^4, 3^2, 2^{21}\})$	2304
12	$\mathcal{O}(1; \{6, 4^4, 3^5, 2^{17}\})$	25344
12	$\mathcal{O}(1; \{6, 4^4, 3^8, 2^{13}\})$	195840
12	$\mathcal{O}(1; \{6, 4^4, 3^{11}, 2^9\})$	1573632
12	$\mathcal{O}(1; \{6, 4^4, 3^{14}, 2^5\})$	12582144

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6, 4^4, 3^{17}, 2\})$	100664064
12	$\mathcal{O}(1; \{6, 4^6, 3^2, 2^{18}\})$	9216
12	$\mathcal{O}(1; \{6, 4^6, 3^5, 2^{14}\})$	101376
12	$\mathcal{O}(1; \{6, 4^6, 3^8, 2^{10}\})$	783360
12	$\mathcal{O}(1; \{6, 4^6, 3^{11}, 2^6\})$	6294528
12	$\mathcal{O}(1; \{6, 4^6, 3^{14}, 2^2\})$	50328576
12	$\mathcal{O}(1; \{6, 4^8, 3^2, 2^{15}\})$	36864
12	$\mathcal{O}(1; \{6, 4^8, 3^5, 2^{11}\})$	405504
12	$\mathcal{O}(1; \{6, 4^8, 3^8, 2^7\})$	3133440
12	$\mathcal{O}(1; \{6, 4^8, 3^{11}, 2^3\})$	25178112
12	$\mathcal{O}(1; \{6, 4^{10}, 3^2, 2^{12}\})$	147456
12	$\mathcal{O}(1; \{6, 4^{10}, 3^5, 2^8\})$	1622016
12	$\mathcal{O}(1; \{6, 4^{10}, 3^8, 2^4\})$	12533760
12	$\mathcal{O}(1; \{6, 4^{10}, 3^{11}\})$	100712448
12	$\mathcal{O}(1; \{6, 4^{12}, 3^2, 2^9\})$	589824
12	$\mathcal{O}(1; \{6, 4^{12}, 3^5, 2^5\})$	6488064
12	$\mathcal{O}(1; \{6, 4^{12}, 3^8, 2\})$	50135040
12	$\mathcal{O}(1; \{6, 4^{14}, 3^2, 2^6\})$	2359296
12	$\mathcal{O}(1; \{6, 4^{14}, 3^5, 2^2\})$	25952256
12	$\mathcal{O}(1; \{6, 4^{16}, 3^2, 2^3\})$	9437184
12	$\mathcal{O}(1; \{6, 4^{18}, 3^2\})$	37748736
12	$\mathcal{O}(1; \{6^2, 2^{28}\})$	216
12	$\mathcal{O}(1; \{6^2, 3^3, 2^{24}\})$	1080
12	$\mathcal{O}(1; \{6^2, 3^6, 2^{20}\})$	9288
12	$\mathcal{O}(1; \{6^2, 3^9, 2^{16}\})$	73656
12	$\mathcal{O}(1; \{6^2, 3^{12}, 2^{12}\})$	589896
12	$\mathcal{O}(1; \{6^2, 3^{15}, 2^8\})$	4718520
12	$\mathcal{O}(1; \{6^2, 3^{18}, 2^4\})$	37748808
12	$\mathcal{O}(1; \{6^2, 3^{21}\})$	301989816
12	$\mathcal{O}(1; \{6^2, 4^2, 2^{25}\})$	576
12	$\mathcal{O}(1; \{6^2, 4^2, 3^3, 2^{21}\})$	2880
12	$\mathcal{O}(1; \{6^2, 4^2, 3^6, 2^{17}\})$	24768
12	$\mathcal{O}(1; \{6^2, 4^2, 3^9, 2^{13}\})$	196416
12	$\mathcal{O}(1; \{6^2, 4^2, 3^{12}, 2^9\})$	1573056
12	$\mathcal{O}(1; \{6^2, 4^2, 3^{15}, 2^5\})$	12582720
12	$\mathcal{O}(1; \{6^2, 4^2, 3^{18}, 2\})$	100663488
12	$\mathcal{O}(1; \{6^2, 4^4, 2^{22}\})$	2304
12	$\mathcal{O}(1; \{6^2, 4^4, 3^3, 2^{18}\})$	11520
12	$\mathcal{O}(1; \{6^2, 4^4, 3^6, 2^{14}\})$	99072
12	$\mathcal{O}(1; \{6^2, 4^4, 3^9, 2^{10}\})$	785664
12	$\mathcal{O}(1; \{6^2, 4^4, 3^{12}, 2^6\})$	6292224
12	$\mathcal{O}(1; \{6^2, 4^4, 3^{15}, 2^2\})$	50330880
12	$\mathcal{O}(1; \{6^2, 4^6, 2^{19}\})$	9216

Continued on next page

Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^2, 4^6, 3^3, 2^{15}\})$	46080
12	$\mathcal{O}(1; \{6^2, 4^6, 3^6, 2^{11}\})$	396288
12	$\mathcal{O}(1; \{6^2, 4^6, 3^9, 2^7\})$	3142656
12	$\mathcal{O}(1; \{6^2, 4^6, 3^{12}, 2^3\})$	25168896
12	$\mathcal{O}(1; \{6^2, 4^8, 2^{16}\})$	36864
12	$\mathcal{O}(1; \{6^2, 4^8, 3^3, 2^{12}\})$	184320
12	$\mathcal{O}(1; \{6^2, 4^8, 3^6, 2^8\})$	1585152
12	$\mathcal{O}(1; \{6^2, 4^8, 3^9, 2^4\})$	12570624
12	$\mathcal{O}(1; \{6^2, 4^8, 3^{12}\})$	100675584
12	$\mathcal{O}(1; \{6^2, 4^{10}, 2^{13}\})$	147456
12	$\mathcal{O}(1; \{6^2, 4^{10}, 3^3, 2^9\})$	737280
12	$\mathcal{O}(1; \{6^2, 4^{10}, 3^6, 2^5\})$	6340608
12	$\mathcal{O}(1; \{6^2, 4^{10}, 3^9, 2\})$	50282496
12	$\mathcal{O}(1; \{6^2, 4^{12}, 2^{10}\})$	589824
12	$\mathcal{O}(1; \{6^2, 4^{12}, 3^3, 2^6\})$	2949120
12	$\mathcal{O}(1; \{6^2, 4^{12}, 3^6, 2^2\})$	25362432
12	$\mathcal{O}(1; \{6^2, 4^{14}, 2^7\})$	2359296
12	$\mathcal{O}(1; \{6^2, 4^{14}, 3^3, 2^3\})$	11796480
12	$\mathcal{O}(1; \{6^2, 4^{16}, 2^4\})$	9437184
12	$\mathcal{O}(1; \{6^2, 4^{16}, 3^3\})$	47185920
12	$\mathcal{O}(1; \{6^2, 4^{18}, 2\})$	37748736
12	$\mathcal{O}(1; \{6^3, 3, 2^{25}\})$	648
12	$\mathcal{O}(1; \{6^3, 3^4, 2^{21}\})$	4536
12	$\mathcal{O}(1; \{6^3, 3^7, 2^{17}\})$	36936
12	$\mathcal{O}(1; \{6^3, 3^{10}, 2^{13}\})$	294840
12	$\mathcal{O}(1; \{6^3, 3^{13}, 2^9\})$	2359368
12	$\mathcal{O}(1; \{6^3, 3^{16}, 2^5\})$	18874296
12	$\mathcal{O}(1; \{6^3, 3^{19}, 2\})$	150995016
12	$\mathcal{O}(1; \{6^3, 4^2, 3, 2^{22}\})$	1728
12	$\mathcal{O}(1; \{6^3, 4^2, 3^4, 2^{18}\})$	12096
12	$\mathcal{O}(1; \{6^3, 4^2, 3^7, 2^{14}\})$	98496
12	$\mathcal{O}(1; \{6^3, 4^2, 3^{10}, 2^{10}\})$	786240
12	$\mathcal{O}(1; \{6^3, 4^2, 3^{13}, 2^6\})$	6291648
12	$\mathcal{O}(1; \{6^3, 4^2, 3^{16}, 2^2\})$	50331456
12	$\mathcal{O}(1; \{6^3, 4^4, 3, 2^{19}\})$	6912
12	$\mathcal{O}(1; \{6^3, 4^4, 3^4, 2^{15}\})$	48384
12	$\mathcal{O}(1; \{6^3, 4^4, 3^7, 2^{11}\})$	393984
12	$\mathcal{O}(1; \{6^3, 4^4, 3^{10}, 2^7\})$	3144960
12	$\mathcal{O}(1; \{6^3, 4^4, 3^{13}, 2^3\})$	25166592
12	$\mathcal{O}(1; \{6^3, 4^6, 3, 2^{16}\})$	27648
12	$\mathcal{O}(1; \{6^3, 4^6, 3^4, 2^{12}\})$	193536
12	$\mathcal{O}(1; \{6^3, 4^6, 3^7, 2^8\})$	1575936
12	$\mathcal{O}(1; \{6^3, 4^6, 3^{10}, 2^4\})$	12579840

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^3, 4^6, 3^{13}\})$	100666368
12	$\mathcal{O}(1; \{6^3, 4^8, 3, 2^{13}\})$	110592
12	$\mathcal{O}(1; \{6^3, 4^8, 3^4, 2^9\})$	774144
12	$\mathcal{O}(1; \{6^3, 4^8, 3^7, 2^5\})$	6303744
12	$\mathcal{O}(1; \{6^3, 4^8, 3^{10}, 2\})$	50319360
12	$\mathcal{O}(1; \{6^3, 4^{10}, 3, 2^{10}\})$	442368
12	$\mathcal{O}(1; \{6^3, 4^{10}, 3^4, 2^6\})$	3096576
12	$\mathcal{O}(1; \{6^3, 4^{10}, 3^7, 2^2\})$	25214976
12	$\mathcal{O}(1; \{6^3, 4^{12}, 3, 2^7\})$	1769472
12	$\mathcal{O}(1; \{6^3, 4^{12}, 3^4, 2^3\})$	12386304
12	$\mathcal{O}(1; \{6^3, 4^{14}, 3, 2^4\})$	7077888
12	$\mathcal{O}(1; \{6^3, 4^{14}, 3^4\})$	49545216
12	$\mathcal{O}(1; \{6^3, 4^{16}, 3, 2\})$	28311552
12	$\mathcal{O}(1; \{6^4, 3^2, 2^{22}\})$	2376
12	$\mathcal{O}(1; \{6^4, 3^5, 2^{18}\})$	18360
12	$\mathcal{O}(1; \{6^4, 3^8, 2^{14}\})$	147528
12	$\mathcal{O}(1; \{6^4, 3^{11}, 2^{10}\})$	1179576
12	$\mathcal{O}(1; \{6^4, 3^{14}, 2^6\})$	9437256
12	$\mathcal{O}(1; \{6^4, 3^{17}, 2^2\})$	75497400
12	$\mathcal{O}(1; \{6^4, 4^2, 3^2, 2^{19}\})$	6336
12	$\mathcal{O}(1; \{6^4, 4^2, 3^5, 2^{15}\})$	48960
12	$\mathcal{O}(1; \{6^4, 4^2, 3^8, 2^{11}\})$	393408
12	$\mathcal{O}(1; \{6^4, 4^2, 3^{11}, 2^7\})$	3145536
12	$\mathcal{O}(1; \{6^4, 4^2, 3^{14}, 2^3\})$	25166016
12	$\mathcal{O}(1; \{6^4, 4^4, 3^2, 2^{16}\})$	25344
12	$\mathcal{O}(1; \{6^4, 4^4, 3^5, 2^{12}\})$	195840
12	$\mathcal{O}(1; \{6^4, 4^4, 3^8, 2^8\})$	1573632
12	$\mathcal{O}(1; \{6^4, 4^4, 3^{11}, 2^4\})$	12582144
12	$\mathcal{O}(1; \{6^4, 4^4, 3^{14}\})$	100664064
12	$\mathcal{O}(1; \{6^4, 4^6, 3^2, 2^{13}\})$	101376
12	$\mathcal{O}(1; \{6^4, 4^6, 3^5, 2^9\})$	783360
12	$\mathcal{O}(1; \{6^4, 4^6, 3^8, 2^5\})$	6294528
12	$\mathcal{O}(1; \{6^4, 4^6, 3^{11}, 2\})$	50328576
12	$\mathcal{O}(1; \{6^4, 4^8, 3^2, 2^{10}\})$	405504
12	$\mathcal{O}(1; \{6^4, 4^8, 3^5, 2^6\})$	3133440
12	$\mathcal{O}(1; \{6^4, 4^8, 3^8, 2^2\})$	25178112
12	$\mathcal{O}(1; \{6^4, 4^{10}, 3^2, 2^7\})$	1622016
12	$\mathcal{O}(1; \{6^4, 4^{10}, 3^5, 2^3\})$	12533760
12	$\mathcal{O}(1; \{6^4, 4^{12}, 3^2, 2^4\})$	6488064
12	$\mathcal{O}(1; \{6^4, 4^{12}, 3^5\})$	50135040
12	$\mathcal{O}(1; \{6^4, 4^{14}, 3^2, 2\})$	25952256
12	$\mathcal{O}(1; \{6^5, 2^{23}\})$	1080
12	$\mathcal{O}(1; \{6^5, 3^3, 2^{19}\})$	9288

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^5, 3^6, 2^{15}\})$	73656
12	$\mathcal{O}(1; \{6^5, 3^9, 2^{11}\})$	589896
12	$\mathcal{O}(1; \{6^5, 3^{12}, 2^7\})$	4718520
12	$\mathcal{O}(1; \{6^5, 3^{15}, 2^3\})$	37748808
12	$\mathcal{O}(1; \{6^5, 4^2, 2^{20}\})$	2880
12	$\mathcal{O}(1; \{6^5, 4^2, 3^3, 2^{16}\})$	24768
12	$\mathcal{O}(1; \{6^5, 4^2, 3^6, 2^{12}\})$	196416
12	$\mathcal{O}(1; \{6^5, 4^2, 3^9, 2^8\})$	1573056
12	$\mathcal{O}(1; \{6^5, 4^2, 3^{12}, 2^4\})$	12582720
12	$\mathcal{O}(1; \{6^5, 4^2, 3^{15}\})$	100663488
12	$\mathcal{O}(1; \{6^5, 4^4, 2^{17}\})$	11520
12	$\mathcal{O}(1; \{6^5, 4^4, 3^3, 2^{13}\})$	99072
12	$\mathcal{O}(1; \{6^5, 4^4, 3^6, 2^9\})$	785664
12	$\mathcal{O}(1; \{6^5, 4^4, 3^9, 2^5\})$	6292224
12	$\mathcal{O}(1; \{6^5, 4^4, 3^{12}, 2\})$	50330880
12	$\mathcal{O}(1; \{6^5, 4^6, 2^{14}\})$	46080
12	$\mathcal{O}(1; \{6^5, 4^6, 3^3, 2^{10}\})$	396288
12	$\mathcal{O}(1; \{6^5, 4^6, 3^6, 2^6\})$	3142656
12	$\mathcal{O}(1; \{6^5, 4^6, 3^9, 2^2\})$	25168896
12	$\mathcal{O}(1; \{6^5, 4^8, 2^{11}\})$	184320
12	$\mathcal{O}(1; \{6^5, 4^8, 3^3, 2^7\})$	1585152
12	$\mathcal{O}(1; \{6^5, 4^8, 3^6, 2^3\})$	12570624
12	$\mathcal{O}(1; \{6^5, 4^{10}, 2^8\})$	737280
12	$\mathcal{O}(1; \{6^5, 4^{10}, 3^3, 2^4\})$	6340608
12	$\mathcal{O}(1; \{6^5, 4^{10}, 3^6\})$	50282496
12	$\mathcal{O}(1; \{6^5, 4^{12}, 2^5\})$	2949120
12	$\mathcal{O}(1; \{6^5, 4^{12}, 3^3, 2\})$	25362432
12	$\mathcal{O}(1; \{6^5, 4^{14}, 2^2\})$	11796480
12	$\mathcal{O}(1; \{6^6, 3, 2^{20}\})$	4536
12	$\mathcal{O}(1; \{6^6, 3^4, 2^{16}\})$	36936
12	$\mathcal{O}(1; \{6^6, 3^7, 2^{12}\})$	294840
12	$\mathcal{O}(1; \{6^6, 3^{10}, 2^8\})$	2359368
12	$\mathcal{O}(1; \{6^6, 3^{13}, 2^4\})$	18874296
12	$\mathcal{O}(1; \{6^6, 3^{16}\})$	150995016
12	$\mathcal{O}(1; \{6^6, 4^2, 3, 2^{17}\})$	12096
12	$\mathcal{O}(1; \{6^6, 4^2, 3^4, 2^{13}\})$	98496
12	$\mathcal{O}(1; \{6^6, 4^2, 3^7, 2^9\})$	786240
12	$\mathcal{O}(1; \{6^6, 4^2, 3^{10}, 2^5\})$	6291648
12	$\mathcal{O}(1; \{6^6, 4^2, 3^{13}, 2\})$	50331456
12	$\mathcal{O}(1; \{6^6, 4^4, 3, 2^{14}\})$	48384
12	$\mathcal{O}(1; \{6^6, 4^4, 3^4, 2^{10}\})$	393984
12	$\mathcal{O}(1; \{6^6, 4^4, 3^7, 2^6\})$	3144960
12	$\mathcal{O}(1; \{6^6, 4^4, 3^{10}, 2^2\})$	25166592

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^6, 4^6, 3, 2^{11}\})$	193536
12	$\mathcal{O}(1; \{6^6, 4^6, 3^4, 2^7\})$	1575936
12	$\mathcal{O}(1; \{6^6, 4^6, 3^7, 2^3\})$	12579840
12	$\mathcal{O}(1; \{6^6, 4^8, 3, 2^8\})$	774144
12	$\mathcal{O}(1; \{6^6, 4^8, 3^4, 2^4\})$	6303744
12	$\mathcal{O}(1; \{6^6, 4^8, 3^7\})$	50319360
12	$\mathcal{O}(1; \{6^6, 4^{10}, 3, 2^5\})$	3096576
12	$\mathcal{O}(1; \{6^6, 4^{10}, 3^4, 2\})$	25214976
12	$\mathcal{O}(1; \{6^6, 4^{12}, 3, 2^2\})$	12386304
12	$\mathcal{O}(1; \{6^7, 3^2, 2^{17}\})$	18360
12	$\mathcal{O}(1; \{6^7, 3^5, 2^{13}\})$	147528
12	$\mathcal{O}(1; \{6^7, 3^8, 2^9\})$	1179576
12	$\mathcal{O}(1; \{6^7, 3^{11}, 2^5\})$	9437256
12	$\mathcal{O}(1; \{6^7, 3^{14}, 2\})$	75497400
12	$\mathcal{O}(1; \{6^7, 4^2, 3^2, 2^{14}\})$	48960
12	$\mathcal{O}(1; \{6^7, 4^2, 3^5, 2^{10}\})$	393408
12	$\mathcal{O}(1; \{6^7, 4^2, 3^8, 2^6\})$	3145536
12	$\mathcal{O}(1; \{6^7, 4^2, 3^{11}, 2^2\})$	25166016
12	$\mathcal{O}(1; \{6^7, 4^4, 3^2, 2^{11}\})$	195840
12	$\mathcal{O}(1; \{6^7, 4^4, 3^5, 2^7\})$	1573632
12	$\mathcal{O}(1; \{6^7, 4^4, 3^8, 2^3\})$	12582144
12	$\mathcal{O}(1; \{6^7, 4^6, 3^2, 2^8\})$	783360
12	$\mathcal{O}(1; \{6^7, 4^6, 3^5, 2^4\})$	6294528
12	$\mathcal{O}(1; \{6^7, 4^6, 3^8\})$	50328576
12	$\mathcal{O}(1; \{6^7, 4^8, 3^2, 2^5\})$	3133440
12	$\mathcal{O}(1; \{6^7, 4^8, 3^5, 2\})$	25178112
12	$\mathcal{O}(1; \{6^7, 4^{10}, 3^2, 2^2\})$	12533760
12	$\mathcal{O}(1; \{6^8, 2^{18}\})$	9288
12	$\mathcal{O}(1; \{6^8, 3^3, 2^{14}\})$	73656
12	$\mathcal{O}(1; \{6^8, 3^6, 2^{10}\})$	589896
12	$\mathcal{O}(1; \{6^8, 3^9, 2^6\})$	4718520
12	$\mathcal{O}(1; \{6^8, 3^{12}, 2^2\})$	37748808
12	$\mathcal{O}(1; \{6^8, 4^2, 2^{15}\})$	24768
12	$\mathcal{O}(1; \{6^8, 4^2, 3^3, 2^{11}\})$	196416
12	$\mathcal{O}(1; \{6^8, 4^2, 3^6, 2^7\})$	1573056
12	$\mathcal{O}(1; \{6^8, 4^2, 3^9, 2^3\})$	12582720
12	$\mathcal{O}(1; \{6^8, 4^4, 2^{12}\})$	99072
12	$\mathcal{O}(1; \{6^8, 4^4, 3^3, 2^8\})$	785664
12	$\mathcal{O}(1; \{6^8, 4^4, 3^6, 2^4\})$	6292224
12	$\mathcal{O}(1; \{6^8, 4^4, 3^9\})$	50330880
12	$\mathcal{O}(1; \{6^8, 4^6, 2^9\})$	396288
12	$\mathcal{O}(1; \{6^8, 4^6, 3^3, 2^5\})$	3142656
12	$\mathcal{O}(1; \{6^8, 4^6, 3^6, 2\})$	25168896

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^8, 4^8, 2^6\})$	1585152
12	$\mathcal{O}(1; \{6^8, 4^8, 3^3, 2^2\})$	12570624
12	$\mathcal{O}(1; \{6^8, 4^{10}, 2^3\})$	6340608
12	$\mathcal{O}(1; \{6^8, 4^{12}\})$	25362432
12	$\mathcal{O}(1; \{6^9, 3, 2^{15}\})$	36936
12	$\mathcal{O}(1; \{6^9, 3^4, 2^{11}\})$	294840
12	$\mathcal{O}(1; \{6^9, 3^7, 2^7\})$	2359368
12	$\mathcal{O}(1; \{6^9, 3^{10}, 2^3\})$	18874296
12	$\mathcal{O}(1; \{6^9, 4^2, 3, 2^{12}\})$	98496
12	$\mathcal{O}(1; \{6^9, 4^2, 3^4, 2^8\})$	786240
12	$\mathcal{O}(1; \{6^9, 4^2, 3^7, 2^4\})$	6291648
12	$\mathcal{O}(1; \{6^9, 4^2, 3^{10}\})$	50331456
12	$\mathcal{O}(1; \{6^9, 4^4, 3, 2^9\})$	393984
12	$\mathcal{O}(1; \{6^9, 4^4, 3^4, 2^5\})$	3144960
12	$\mathcal{O}(1; \{6^9, 4^4, 3^7, 2\})$	25166592
12	$\mathcal{O}(1; \{6^9, 4^6, 3, 2^6\})$	1575936
12	$\mathcal{O}(1; \{6^9, 4^6, 3^4, 2^2\})$	12579840
12	$\mathcal{O}(1; \{6^9, 4^8, 3, 2^3\})$	6303744
12	$\mathcal{O}(1; \{6^9, 4^{10}, 3\})$	25214976
12	$\mathcal{O}(1; \{6^{10}, 3^2, 2^{12}\})$	147528
12	$\mathcal{O}(1; \{6^{10}, 3^5, 2^8\})$	1179576
12	$\mathcal{O}(1; \{6^{10}, 3^8, 2^4\})$	9437256
12	$\mathcal{O}(1; \{6^{10}, 3^{11}\})$	75497400
12	$\mathcal{O}(1; \{6^{10}, 4^2, 3^2, 2^9\})$	393408
12	$\mathcal{O}(1; \{6^{10}, 4^2, 3^5, 2^5\})$	3145536
12	$\mathcal{O}(1; \{6^{10}, 4^2, 3^8, 2\})$	25166016
12	$\mathcal{O}(1; \{6^{10}, 4^4, 3^2, 2^6\})$	1573632
12	$\mathcal{O}(1; \{6^{10}, 4^4, 3^5, 2^2\})$	12582144
12	$\mathcal{O}(1; \{6^{10}, 4^6, 3^2, 2^3\})$	6294528
12	$\mathcal{O}(1; \{6^{10}, 4^8, 3^2\})$	25178112
12	$\mathcal{O}(1; \{6^{11}, 2^{13}\})$	73656
12	$\mathcal{O}(1; \{6^{11}, 3^3, 2^9\})$	589896
12	$\mathcal{O}(1; \{6^{11}, 3^6, 2^5\})$	4718520
12	$\mathcal{O}(1; \{6^{11}, 3^9, 2\})$	37748808
12	$\mathcal{O}(1; \{6^{11}, 4^2, 2^{10}\})$	196416
12	$\mathcal{O}(1; \{6^{11}, 4^2, 3^3, 2^6\})$	1573056
12	$\mathcal{O}(1; \{6^{11}, 4^2, 3^6, 2^2\})$	12582720
12	$\mathcal{O}(1; \{6^{11}, 4^4, 2^7\})$	785664
12	$\mathcal{O}(1; \{6^{11}, 4^4, 3^3, 2^3\})$	6292224
12	$\mathcal{O}(1; \{6^{11}, 4^6, 2^4\})$	3142656
12	$\mathcal{O}(1; \{6^{11}, 4^6, 3^3\})$	25168896
12	$\mathcal{O}(1; \{6^{11}, 4^8, 2\})$	12570624
12	$\mathcal{O}(1; \{6^{12}, 3, 2^{10}\})$	294840

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^{12}, 3^4, 2^6\})$	2359368
12	$\mathcal{O}(1; \{6^{12}, 3^7, 2^2\})$	18874296
12	$\mathcal{O}(1; \{6^{12}, 4^2, 3, 2^7\})$	786240
12	$\mathcal{O}(1; \{6^{12}, 4^2, 3^4, 2^3\})$	6291648
12	$\mathcal{O}(1; \{6^{12}, 4^4, 3, 2^4\})$	3144960
12	$\mathcal{O}(1; \{6^{12}, 4^4, 3^4\})$	25166592
12	$\mathcal{O}(1; \{6^{12}, 4^6, 3, 2\})$	12579840
12	$\mathcal{O}(1; \{6^{13}, 3^2, 2^7\})$	1179576
12	$\mathcal{O}(1; \{6^{13}, 3^5, 2^3\})$	9437256
12	$\mathcal{O}(1; \{6^{13}, 4^2, 3^2, 2^4\})$	3145536
12	$\mathcal{O}(1; \{6^{13}, 4^2, 3^5\})$	25166016
12	$\mathcal{O}(1; \{6^{13}, 4^4, 3^2, 2\})$	12582144
12	$\mathcal{O}(1; \{6^{14}, 2^8\})$	589896
12	$\mathcal{O}(1; \{6^{14}, 3^3, 2^4\})$	4718520
12	$\mathcal{O}(1; \{6^{14}, 3^6\})$	37748808
12	$\mathcal{O}(1; \{6^{14}, 4^2, 2^5\})$	1573056
12	$\mathcal{O}(1; \{6^{14}, 4^2, 3^3, 2\})$	12582720
12	$\mathcal{O}(1; \{6^{14}, 4^4, 2^2\})$	6292224
12	$\mathcal{O}(1; \{6^{15}, 3, 2^5\})$	2359368
12	$\mathcal{O}(1; \{6^{15}, 3^4, 2\})$	18874296
12	$\mathcal{O}(1; \{6^{15}, 4^2, 3, 2^2\})$	6291648
12	$\mathcal{O}(1; \{6^{16}, 3^2, 2^2\})$	9437256
12	$\mathcal{O}(1; \{6^{17}, 2^3\})$	4718520
12	$\mathcal{O}(1; \{6^{17}, 4^2\})$	12582720
12	$\mathcal{O}(1; \{6^{18}, 3\})$	18874296
12	$\mathcal{O}(1; \{12, 4, 3^3, 2^{24}\})$	1728
12	$\mathcal{O}(1; \{12, 4, 3^6, 2^{20}\})$	12096
12	$\mathcal{O}(1; \{12, 4, 3^9, 2^{16}\})$	98496
12	$\mathcal{O}(1; \{12, 4, 3^{12}, 2^{12}\})$	786240
12	$\mathcal{O}(1; \{12, 4, 3^{15}, 2^8\})$	6291648
12	$\mathcal{O}(1; \{12, 4, 3^{18}, 2^4\})$	50331456
12	$\mathcal{O}(1; \{12, 4, 3^{21}\})$	402653376
12	$\mathcal{O}(1; \{12, 4^3, 3^3, 2^{21}\})$	6912
12	$\mathcal{O}(1; \{12, 4^3, 3^6, 2^{17}\})$	48384
12	$\mathcal{O}(1; \{12, 4^3, 3^9, 2^{13}\})$	393984
12	$\mathcal{O}(1; \{12, 4^3, 3^{12}, 2^9\})$	3144960
12	$\mathcal{O}(1; \{12, 4^3, 3^{15}, 2^5\})$	25166592
12	$\mathcal{O}(1; \{12, 4^3, 3^{18}, 2\})$	201325824
12	$\mathcal{O}(1; \{12, 4^5, 3^3, 2^{18}\})$	27648
12	$\mathcal{O}(1; \{12, 4^5, 3^6, 2^{14}\})$	193536
12	$\mathcal{O}(1; \{12, 4^5, 3^9, 2^{10}\})$	1575936
12	$\mathcal{O}(1; \{12, 4^5, 3^{12}, 2^6\})$	12579840
12	$\mathcal{O}(1; \{12, 4^5, 3^{15}, 2^2\})$	100666368

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 4^7, 3^3, 2^{15}\})$	110592
12	$\mathcal{O}(1; \{12, 4^7, 3^6, 2^{11}\})$	774144
12	$\mathcal{O}(1; \{12, 4^7, 3^9, 2^7\})$	6303744
12	$\mathcal{O}(1; \{12, 4^7, 3^{12}, 2^3\})$	50319360
12	$\mathcal{O}(1; \{12, 4^9, 3^3, 2^{12}\})$	442368
12	$\mathcal{O}(1; \{12, 4^9, 3^6, 2^8\})$	3096576
12	$\mathcal{O}(1; \{12, 4^9, 3^9, 2^4\})$	25214976
12	$\mathcal{O}(1; \{12, 4^9, 3^{12}\})$	201277440
12	$\mathcal{O}(1; \{12, 4^{11}, 3^3, 2^9\})$	1769472
12	$\mathcal{O}(1; \{12, 4^{11}, 3^6, 2^5\})$	12386304
12	$\mathcal{O}(1; \{12, 4^{11}, 3^9, 2\})$	100859904
12	$\mathcal{O}(1; \{12, 4^{13}, 3^3, 2^6\})$	7077888
12	$\mathcal{O}(1; \{12, 4^{13}, 3^6, 2^2\})$	49545216
12	$\mathcal{O}(1; \{12, 4^{15}, 3^3, 2^3\})$	28311552
12	$\mathcal{O}(1; \{12, 4^{17}, 3^3\})$	113246208
12	$\mathcal{O}(1; \{12, 6, 4, 3, 2^{25}\})$	576
12	$\mathcal{O}(1; \{12, 6, 4, 3^4, 2^{21}\})$	6336
12	$\mathcal{O}(1; \{12, 6, 4, 3^7, 2^{17}\})$	48960
12	$\mathcal{O}(1; \{12, 6, 4, 3^{10}, 2^{13}\})$	393408
12	$\mathcal{O}(1; \{12, 6, 4, 3^{13}, 2^9\})$	3145536
12	$\mathcal{O}(1; \{12, 6, 4, 3^{16}, 2^5\})$	25166016
12	$\mathcal{O}(1; \{12, 6, 4, 3^{19}, 2\})$	201326400
12	$\mathcal{O}(1; \{12, 6, 4^3, 3, 2^{22}\})$	2304
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^4, 2^{18}\})$	25344
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^7, 2^{14}\})$	195840
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^{10}, 2^{10}\})$	1573632
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^{13}, 2^6\})$	12582144
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^{16}, 2^2\})$	100664064
12	$\mathcal{O}(1; \{12, 6, 4^5, 3, 2^{19}\})$	9216
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^4, 2^{15}\})$	101376
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^7, 2^{11}\})$	783360
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^{10}, 2^7\})$	6294528
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^{13}, 2^3\})$	50328576
12	$\mathcal{O}(1; \{12, 6, 4^7, 3, 2^{16}\})$	36864
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^4, 2^{12}\})$	405504
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^7, 2^8\})$	3133440
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^{10}, 2^4\})$	25178112
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^{13}\})$	201314304
12	$\mathcal{O}(1; \{12, 6, 4^9, 3, 2^{13}\})$	147456
12	$\mathcal{O}(1; \{12, 6, 4^9, 3^4, 2^9\})$	1622016
12	$\mathcal{O}(1; \{12, 6, 4^9, 3^7, 2^5\})$	12533760
12	$\mathcal{O}(1; \{12, 6, 4^9, 3^{10}, 2\})$	100712448
12	$\mathcal{O}(1; \{12, 6, 4^{11}, 3, 2^{10}\})$	589824

Continued on next page

Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6, 4^{11}, 3^4, 2^6\})$	6488064
12	$\mathcal{O}(1; \{12, 6, 4^{11}, 3^7, 2^2\})$	50135040
12	$\mathcal{O}(1; \{12, 6, 4^{13}, 3, 2^7\})$	2359296
12	$\mathcal{O}(1; \{12, 6, 4^{13}, 3^4, 2^3\})$	25952256
12	$\mathcal{O}(1; \{12, 6, 4^{15}, 3, 2^4\})$	9437184
12	$\mathcal{O}(1; \{12, 6, 4^{15}, 3^4\})$	103809024
12	$\mathcal{O}(1; \{12, 6, 4^{17}, 3, 2\})$	37748736
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^2, 2^{22}\})$	2880
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^5, 2^{18}\})$	24768
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^8, 2^{14}\})$	196416
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^{11}, 2^{10}\})$	1573056
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^{14}, 2^6\})$	12582720
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^{17}, 2^2\})$	100663488
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^2, 2^{19}\})$	11520
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^5, 2^{15}\})$	99072
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^8, 2^{11}\})$	785664
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^{11}, 2^7\})$	6292224
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^{14}, 2^3\})$	50330880
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^2, 2^{16}\})$	46080
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^5, 2^{12}\})$	396288
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^8, 2^8\})$	3142656
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^{11}, 2^4\})$	25168896
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^{14}\})$	201323520
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^2, 2^{13}\})$	184320
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^5, 2^9\})$	1585152
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^8, 2^5\})$	12570624
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^{11}, 2\})$	100675584
12	$\mathcal{O}(1; \{12, 6^2, 4^9, 3^2, 2^{10}\})$	737280
12	$\mathcal{O}(1; \{12, 6^2, 4^9, 3^5, 2^6\})$	6340608
12	$\mathcal{O}(1; \{12, 6^2, 4^9, 3^8, 2^2\})$	50282496
12	$\mathcal{O}(1; \{12, 6^2, 4^{11}, 3^2, 2^7\})$	2949120
12	$\mathcal{O}(1; \{12, 6^2, 4^{11}, 3^5, 2^3\})$	25362432
12	$\mathcal{O}(1; \{12, 6^2, 4^{13}, 3^2, 2^4\})$	11796480
12	$\mathcal{O}(1; \{12, 6^2, 4^{13}, 3^5\})$	101449728
12	$\mathcal{O}(1; \{12, 6^2, 4^{15}, 3^2, 2\})$	47185920
12	$\mathcal{O}(1; \{12, 6^3, 4, 2^{23}\})$	1728
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^3, 2^{19}\})$	12096
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^6, 2^{15}\})$	98496
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^9, 2^{11}\})$	786240
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^{12}, 2^7\})$	6291648
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^{15}, 2^3\})$	50331456
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 2^{20}\})$	6912
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^3, 2^{16}\})$	48384

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^6, 2^{12}\})$	393984
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^9, 2^8\})$	3144960
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^{12}, 2^4\})$	25166592
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^{15}\})$	201325824
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 2^{17}\})$	27648
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^3, 2^{13}\})$	193536
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^6, 2^9\})$	1575936
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^9, 2^5\})$	12579840
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^{12}, 2\})$	100666368
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 2^{14}\})$	110592
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 3^3, 2^{10}\})$	774144
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 3^6, 2^6\})$	6303744
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 3^9, 2^2\})$	50319360
12	$\mathcal{O}(1; \{12, 6^3, 4^9, 2^{11}\})$	442368
12	$\mathcal{O}(1; \{12, 6^3, 4^9, 3^3, 2^7\})$	3096576
12	$\mathcal{O}(1; \{12, 6^3, 4^9, 3^6, 2^3\})$	25214976
12	$\mathcal{O}(1; \{12, 6^3, 4^{11}, 2^8\})$	1769472
12	$\mathcal{O}(1; \{12, 6^3, 4^{11}, 3^3, 2^4\})$	12386304
12	$\mathcal{O}(1; \{12, 6^3, 4^{11}, 3^6\})$	100859904
12	$\mathcal{O}(1; \{12, 6^3, 4^{13}, 2^5\})$	7077888
12	$\mathcal{O}(1; \{12, 6^3, 4^{13}, 3^3, 2\})$	49545216
12	$\mathcal{O}(1; \{12, 6^3, 4^{15}, 2\})$	28311552
12	$\mathcal{O}(1; \{12, 6^4, 4, 3, 2^{20}\})$	6336
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^4, 2^{16}\})$	48960
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^7, 2^{12}\})$	393408
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^{10}, 2^8\})$	3145536
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^{13}, 2^4\})$	25166016
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^{16}\})$	201326400
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3, 2^{17}\})$	25344
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^4, 2^{13}\})$	195840
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^7, 2^9\})$	1573632
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^{10}, 2^5\})$	12582144
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^{13}, 2\})$	100664064
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3, 2^{14}\})$	101376
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3^4, 2^{10}\})$	783360
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3^7, 2^6\})$	6294528
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3^{10}, 2^2\})$	50328576
12	$\mathcal{O}(1; \{12, 6^4, 4^7, 3, 2^{11}\})$	405504
12	$\mathcal{O}(1; \{12, 6^4, 4^7, 3^4, 2^7\})$	3133440
12	$\mathcal{O}(1; \{12, 6^4, 4^7, 3^7, 2^3\})$	25178112
12	$\mathcal{O}(1; \{12, 6^4, 4^9, 3, 2^8\})$	1622016
12	$\mathcal{O}(1; \{12, 6^4, 4^9, 3^4, 2^4\})$	12533760
12	$\mathcal{O}(1; \{12, 6^4, 4^9, 3^7\})$	100712448

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^4, 4^{11}, 3, 2^5\})$	6488064
12	$\mathcal{O}(1; \{12, 6^4, 4^{11}, 3^4, 2\})$	50135040
12	$\mathcal{O}(1; \{12, 6^4, 4^{13}, 3, 2^2\})$	25952256
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^2, 2^{17}\})$	24768
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^5, 2^{13}\})$	196416
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^8, 2^9\})$	1573056
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^{11}, 2^5\})$	12582720
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^{14}, 2\})$	100663488
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^2, 2^{14}\})$	99072
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^5, 2^{10}\})$	785664
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^8, 2^6\})$	6292224
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^{11}, 2^2\})$	50330880
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 3^2, 2^{11}\})$	396288
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 3^5, 2^7\})$	3142656
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 3^8, 2^3\})$	25168896
12	$\mathcal{O}(1; \{12, 6^5, 4^7, 3^2, 2^8\})$	1585152
12	$\mathcal{O}(1; \{12, 6^5, 4^7, 3^5, 2^4\})$	12570624
12	$\mathcal{O}(1; \{12, 6^5, 4^7, 3^8\})$	100675584
12	$\mathcal{O}(1; \{12, 6^5, 4^9, 3^2, 2^5\})$	6340608
12	$\mathcal{O}(1; \{12, 6^5, 4^9, 3^5, 2\})$	50282496
12	$\mathcal{O}(1; \{12, 6^5, 4^{11}, 3^2, 2^2\})$	25362432
12	$\mathcal{O}(1; \{12, 6^6, 4, 2^{18}\})$	12096
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^3, 2^{14}\})$	98496
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^6, 2^{10}\})$	786240
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^9, 2^6\})$	6291648
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^{12}, 2^2\})$	50331456
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 2^{15}\})$	48384
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3^3, 2^{11}\})$	393984
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3^6, 2^7\})$	3144960
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3^9, 2^3\})$	25166592
12	$\mathcal{O}(1; \{12, 6^6, 4^5, 2^{12}\})$	193536
12	$\mathcal{O}(1; \{12, 6^6, 4^5, 3^3, 2^8\})$	1575936
12	$\mathcal{O}(1; \{12, 6^6, 4^5, 3^6, 2^4\})$	12579840
12	$\mathcal{O}(1; \{12, 6^6, 4^5, 3^9\})$	100666368
12	$\mathcal{O}(1; \{12, 6^6, 4^7, 2^9\})$	774144
12	$\mathcal{O}(1; \{12, 6^6, 4^7, 3^3, 2^5\})$	6303744
12	$\mathcal{O}(1; \{12, 6^6, 4^7, 3^6, 2\})$	50319360
12	$\mathcal{O}(1; \{12, 6^6, 4^9, 2^6\})$	3096576
12	$\mathcal{O}(1; \{12, 6^6, 4^9, 3^3, 2^2\})$	25214976
12	$\mathcal{O}(1; \{12, 6^6, 4^{11}, 2^3\})$	12386304
12	$\mathcal{O}(1; \{12, 6^6, 4^{13}\})$	49545216
12	$\mathcal{O}(1; \{12, 6^7, 4, 3, 2^{15}\})$	48960
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^4, 2^{11}\})$	393408

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^7, 2^7\})$	3145536
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^{10}, 2^3\})$	25166016
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 3, 2^{12}\})$	195840
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 3^4, 2^8\})$	1573632
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 3^7, 2^4\})$	12582144
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 3^{10}\})$	100664064
12	$\mathcal{O}(1; \{12, 6^7, 4^5, 3, 2^9\})$	783360
12	$\mathcal{O}(1; \{12, 6^7, 4^5, 3^4, 2^5\})$	6294528
12	$\mathcal{O}(1; \{12, 6^7, 4^5, 3^7, 2\})$	50328576
12	$\mathcal{O}(1; \{12, 6^7, 4^7, 3, 2^6\})$	3133440
12	$\mathcal{O}(1; \{12, 6^7, 4^7, 3^4, 2^2\})$	25178112
12	$\mathcal{O}(1; \{12, 6^7, 4^9, 3, 2^3\})$	12533760
12	$\mathcal{O}(1; \{12, 6^7, 4^{11}, 3\})$	50135040
12	$\mathcal{O}(1; \{12, 6^8, 4, 3^2, 2^{12}\})$	196416
12	$\mathcal{O}(1; \{12, 6^8, 4, 3^5, 2^8\})$	1573056
12	$\mathcal{O}(1; \{12, 6^8, 4, 3^8, 2^4\})$	12582720
12	$\mathcal{O}(1; \{12, 6^8, 4, 3^{11}\})$	100663488
12	$\mathcal{O}(1; \{12, 6^8, 4^3, 3^2, 2^9\})$	785664
12	$\mathcal{O}(1; \{12, 6^8, 4^3, 3^5, 2^5\})$	6292224
12	$\mathcal{O}(1; \{12, 6^8, 4^3, 3^8, 2\})$	50330880
12	$\mathcal{O}(1; \{12, 6^8, 4^5, 3^2, 2^6\})$	3142656
12	$\mathcal{O}(1; \{12, 6^8, 4^5, 3^5, 2^2\})$	25168896
12	$\mathcal{O}(1; \{12, 6^8, 4^7, 3^2, 2^3\})$	12570624
12	$\mathcal{O}(1; \{12, 6^8, 4^9, 3^2\})$	50282496
12	$\mathcal{O}(1; \{12, 6^9, 4, 2^{13}\})$	98496
12	$\mathcal{O}(1; \{12, 6^9, 4, 3^3, 2^9\})$	786240
12	$\mathcal{O}(1; \{12, 6^9, 4, 3^6, 2^5\})$	6291648
12	$\mathcal{O}(1; \{12, 6^9, 4, 3^9, 2\})$	50331456
12	$\mathcal{O}(1; \{12, 6^9, 4^3, 2^{10}\})$	393984
12	$\mathcal{O}(1; \{12, 6^9, 4^3, 3^3, 2^6\})$	3144960
12	$\mathcal{O}(1; \{12, 6^9, 4^3, 3^6, 2^2\})$	25166592
12	$\mathcal{O}(1; \{12, 6^9, 4^5, 2^7\})$	1575936
12	$\mathcal{O}(1; \{12, 6^9, 4^5, 3^3, 2^3\})$	12579840
12	$\mathcal{O}(1; \{12, 6^9, 4^7, 2^4\})$	6303744
12	$\mathcal{O}(1; \{12, 6^9, 4^7, 3^3\})$	50319360
12	$\mathcal{O}(1; \{12, 6^9, 4^9, 2\})$	25214976
12	$\mathcal{O}(1; \{12, 6^{10}, 4, 3, 2^{10}\})$	393408
12	$\mathcal{O}(1; \{12, 6^{10}, 4, 3^4, 2^6\})$	3145536
12	$\mathcal{O}(1; \{12, 6^{10}, 4, 3^7, 2^2\})$	25166016
12	$\mathcal{O}(1; \{12, 6^{10}, 4^3, 3, 2^7\})$	1573632
12	$\mathcal{O}(1; \{12, 6^{10}, 4^3, 3^4, 2^3\})$	12582144
12	$\mathcal{O}(1; \{12, 6^{10}, 4^5, 3, 2^4\})$	6294528
12	$\mathcal{O}(1; \{12, 6^{10}, 4^5, 3^4\})$	50328576

Continued on next page

Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^{10}, 4^7, 3, 2\})$	25178112
12	$\mathcal{O}(1; \{12, 6^{11}, 4, 3^2, 2^7\})$	1573056
12	$\mathcal{O}(1; \{12, 6^{11}, 4, 3^5, 2^3\})$	12582720
12	$\mathcal{O}(1; \{12, 6^{11}, 4^3, 3^2, 2^4\})$	6292224
12	$\mathcal{O}(1; \{12, 6^{11}, 4^3, 3^5\})$	50330880
12	$\mathcal{O}(1; \{12, 6^{11}, 4^5, 3^2, 2\})$	25168896
12	$\mathcal{O}(1; \{12, 6^{12}, 4, 2^8\})$	786240
12	$\mathcal{O}(1; \{12, 6^{12}, 4, 3^3, 2^4\})$	6291648
12	$\mathcal{O}(1; \{12, 6^{12}, 4, 3^6\})$	50331456
12	$\mathcal{O}(1; \{12, 6^{12}, 4^3, 2^5\})$	3144960
12	$\mathcal{O}(1; \{12, 6^{12}, 4^3, 3^3, 2\})$	25166592
12	$\mathcal{O}(1; \{12, 6^{12}, 4^5, 2^2\})$	12579840
12	$\mathcal{O}(1; \{12, 6^{13}, 4, 3, 2^5\})$	3145536
12	$\mathcal{O}(1; \{12, 6^{13}, 4, 3^4, 2\})$	25166016
12	$\mathcal{O}(1; \{12, 6^{13}, 4^3, 3, 2^2\})$	12582144
12	$\mathcal{O}(1; \{12, 6^{14}, 4, 3^2, 2^2\})$	12582720
12	$\mathcal{O}(1; \{12, 6^{15}, 4, 2^3\})$	6291648
12	$\mathcal{O}(1; \{12, 6^{15}, 4^3\})$	25166592
12	$\mathcal{O}(1; \{12, 6^{16}, 4, 3\})$	25166016
12	$\mathcal{O}(1; \{12^2, 3^2, 2^{25}\})$	1728
12	$\mathcal{O}(1; \{12^2, 3^5, 2^{21}\})$	12096
12	$\mathcal{O}(1; \{12^2, 3^8, 2^{17}\})$	98496
12	$\mathcal{O}(1; \{12^2, 3^{11}, 2^{13}\})$	786240
12	$\mathcal{O}(1; \{12^2, 3^{14}, 2^9\})$	6291648
12	$\mathcal{O}(1; \{12^2, 3^{17}, 2^5\})$	50331456
12	$\mathcal{O}(1; \{12^2, 3^{20}, 2\})$	402653376
12	$\mathcal{O}(1; \{12^2, 4^2, 3^2, 2^{22}\})$	6912
12	$\mathcal{O}(1; \{12^2, 4^2, 3^5, 2^{18}\})$	48384
12	$\mathcal{O}(1; \{12^2, 4^2, 3^8, 2^{14}\})$	393984
12	$\mathcal{O}(1; \{12^2, 4^2, 3^{11}, 2^{10}\})$	3144960
12	$\mathcal{O}(1; \{12^2, 4^2, 3^{14}, 2^6\})$	25166592
12	$\mathcal{O}(1; \{12^2, 4^2, 3^{17}, 2^2\})$	201325824
12	$\mathcal{O}(1; \{12^2, 4^4, 3^2, 2^{19}\})$	27648
12	$\mathcal{O}(1; \{12^2, 4^4, 3^5, 2^{15}\})$	193536
12	$\mathcal{O}(1; \{12^2, 4^4, 3^8, 2^{11}\})$	1575936
12	$\mathcal{O}(1; \{12^2, 4^4, 3^{11}, 2^7\})$	12579840
12	$\mathcal{O}(1; \{12^2, 4^4, 3^{14}, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12^2, 4^6, 3^2, 2^{16}\})$	110592
12	$\mathcal{O}(1; \{12^2, 4^6, 3^5, 2^{12}\})$	774144
12	$\mathcal{O}(1; \{12^2, 4^6, 3^8, 2^8\})$	6303744
12	$\mathcal{O}(1; \{12^2, 4^6, 3^{11}, 2^4\})$	50319360
12	$\mathcal{O}(1; \{12^2, 4^6, 3^{14}\})$	402665472
12	$\mathcal{O}(1; \{12^2, 4^8, 3^2, 2^{13}\})$	442368

Continued on next page

Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 4^8, 3^5, 2^9\})$	3096576
12	$\mathcal{O}(1; \{12^2, 4^8, 3^8, 2^5\})$	25214976
12	$\mathcal{O}(1; \{12^2, 4^8, 3^{11}, 2\})$	201277440
12	$\mathcal{O}(1; \{12^2, 4^{10}, 3^2, 2^{10}\})$	1769472
12	$\mathcal{O}(1; \{12^2, 4^{10}, 3^5, 2^6\})$	12386304
12	$\mathcal{O}(1; \{12^2, 4^{10}, 3^8, 2^2\})$	100859904
12	$\mathcal{O}(1; \{12^2, 4^{12}, 3^2, 2^7\})$	7077888
12	$\mathcal{O}(1; \{12^2, 4^{12}, 3^5, 2^3\})$	49545216
12	$\mathcal{O}(1; \{12^2, 4^{14}, 3^2, 2^4\})$	28311552
12	$\mathcal{O}(1; \{12^2, 4^{14}, 3^5\})$	198180864
12	$\mathcal{O}(1; \{12^2, 4^{16}, 3^2, 2\})$	113246208
12	$\mathcal{O}(1; \{12^2, 6, 2^{26}\})$	576
12	$\mathcal{O}(1; \{12^2, 6, 3^3, 2^{22}\})$	6336
12	$\mathcal{O}(1; \{12^2, 6, 3^6, 2^{18}\})$	48960
12	$\mathcal{O}(1; \{12^2, 6, 3^9, 2^{14}\})$	393408
12	$\mathcal{O}(1; \{12^2, 6, 3^{12}, 2^{10}\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6, 3^{15}, 2^6\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6, 3^{18}, 2^2\})$	201326400
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 2^{23}\})$	2304
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^3, 2^{19}\})$	25344
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^6, 2^{15}\})$	195840
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^9, 2^{11}\})$	1573632
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^{12}, 2^7\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^{15}, 2^3\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 2^{20}\})$	9216
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^3, 2^{16}\})$	101376
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^6, 2^{12}\})$	783360
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^9, 2^8\})$	6294528
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^{12}, 2^4\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^{15}\})$	402656256
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 2^{17}\})$	36864
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^3, 2^{13}\})$	405504
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^6, 2^9\})$	3133440
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^9, 2^5\})$	25178112
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^{12}, 2\})$	201314304
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 2^{14}\})$	147456
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 3^3, 2^{10}\})$	1622016
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 3^6, 2^6\})$	12533760
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 3^9, 2^2\})$	100712448
12	$\mathcal{O}(1; \{12^2, 6, 4^{10}, 2^{11}\})$	589824
12	$\mathcal{O}(1; \{12^2, 6, 4^{10}, 3^3, 2^7\})$	6488064
12	$\mathcal{O}(1; \{12^2, 6, 4^{10}, 3^6, 2^3\})$	50135040
12	$\mathcal{O}(1; \{12^2, 6, 4^{12}, 2^8\})$	2359296

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6, 4^{12}, 3^3, 2^4\})$	25952256
12	$\mathcal{O}(1; \{12^2, 6, 4^{12}, 3^6\})$	200540160
12	$\mathcal{O}(1; \{12^2, 6, 4^{14}, 2^5\})$	9437184
12	$\mathcal{O}(1; \{12^2, 6, 4^{14}, 3^3, 2\})$	103809024
12	$\mathcal{O}(1; \{12^2, 6, 4^{16}, 2^2\})$	37748736
12	$\mathcal{O}(1; \{12^2, 6^2, 3, 2^{23}\})$	2880
12	$\mathcal{O}(1; \{12^2, 6^2, 3^4, 2^{19}\})$	24768
12	$\mathcal{O}(1; \{12^2, 6^2, 3^7, 2^{15}\})$	196416
12	$\mathcal{O}(1; \{12^2, 6^2, 3^{10}, 2^{11}\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^2, 3^{13}, 2^7\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^2, 3^{16}, 2^3\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3, 2^{20}\})$	11520
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^4, 2^{16}\})$	99072
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^7, 2^{12}\})$	785664
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^{10}, 2^8\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^{13}, 2^4\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^{16}\})$	402653952
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3, 2^{17}\})$	46080
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^4, 2^{13}\})$	396288
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^7, 2^9\})$	3142656
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^{10}, 2^5\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^{13}, 2\})$	201323520
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3, 2^{14}\})$	184320
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3^4, 2^{10}\})$	1585152
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3^7, 2^6\})$	12570624
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3^{10}, 2^2\})$	100675584
12	$\mathcal{O}(1; \{12^2, 6^2, 4^8, 3, 2^{11}\})$	737280
12	$\mathcal{O}(1; \{12^2, 6^2, 4^8, 3^4, 2^7\})$	6340608
12	$\mathcal{O}(1; \{12^2, 6^2, 4^8, 3^7, 2^3\})$	50282496
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{10}, 3, 2^8\})$	2949120
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{10}, 3^4, 2^4\})$	25362432
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{10}, 3^7\})$	201129984
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{12}, 3, 2^5\})$	11796480
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{12}, 3^4, 2\})$	101449728
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{14}, 3, 2^2\})$	47185920
12	$\mathcal{O}(1; \{12^2, 6^3, 3^2, 2^{20}\})$	12096
12	$\mathcal{O}(1; \{12^2, 6^3, 3^5, 2^{16}\})$	98496
12	$\mathcal{O}(1; \{12^2, 6^3, 3^8, 2^{12}\})$	786240
12	$\mathcal{O}(1; \{12^2, 6^3, 3^{11}, 2^8\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^3, 3^{14}, 2^4\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^3, 3^{17}\})$	402653376
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^2, 2^{17}\})$	48384
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^5, 2^{13}\})$	393984

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^8, 2^9\})$	3144960
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^{11}, 2^5\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^{14}, 2\})$	201325824
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^2, 2^{14}\})$	193536
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^5, 2^{10}\})$	1575936
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^8, 2^6\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^{11}, 2^2\})$	100666368
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 3^2, 2^{11}\})$	774144
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 3^5, 2^7\})$	6303744
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 3^8, 2^3\})$	50319360
12	$\mathcal{O}(1; \{12^2, 6^3, 4^8, 3^2, 2^8\})$	3096576
12	$\mathcal{O}(1; \{12^2, 6^3, 4^8, 3^5, 2^4\})$	25214976
12	$\mathcal{O}(1; \{12^2, 6^3, 4^8, 3^8\})$	201277440
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{10}, 3^2, 2^5\})$	12386304
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{10}, 3^5, 2\})$	100859904
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{12}, 3^2, 2^2\})$	49545216
12	$\mathcal{O}(1; \{12^2, 6^4, 2^{21}\})$	6336
12	$\mathcal{O}(1; \{12^2, 6^4, 3^3, 2^{17}\})$	48960
12	$\mathcal{O}(1; \{12^2, 6^4, 3^6, 2^{13}\})$	393408
12	$\mathcal{O}(1; \{12^2, 6^4, 3^9, 2^9\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^4, 3^{12}, 2^5\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^4, 3^{15}, 2\})$	201326400
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 2^{18}\})$	25344
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^3, 2^{14}\})$	195840
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^6, 2^{10}\})$	1573632
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^9, 2^6\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^{12}, 2^2\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 2^{15}\})$	101376
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3^3, 2^{11}\})$	783360
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3^6, 2^7\})$	6294528
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3^9, 2^3\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^4, 4^6, 2^{12}\})$	405504
12	$\mathcal{O}(1; \{12^2, 6^4, 4^6, 3^3, 2^8\})$	3133440
12	$\mathcal{O}(1; \{12^2, 6^4, 4^6, 3^6, 2^4\})$	25178112
12	$\mathcal{O}(1; \{12^2, 6^4, 4^6, 3^9\})$	201314304
12	$\mathcal{O}(1; \{12^2, 6^4, 4^8, 2^9\})$	1622016
12	$\mathcal{O}(1; \{12^2, 6^4, 4^8, 3^3, 2^5\})$	12533760
12	$\mathcal{O}(1; \{12^2, 6^4, 4^8, 3^6, 2\})$	100712448
12	$\mathcal{O}(1; \{12^2, 6^4, 4^{10}, 2^6\})$	6488064
12	$\mathcal{O}(1; \{12^2, 6^4, 4^{10}, 3^3, 2^2\})$	50135040
12	$\mathcal{O}(1; \{12^2, 6^4, 4^{12}, 2^3\})$	25952256
12	$\mathcal{O}(1; \{12^2, 6^4, 4^{14}\})$	103809024
12	$\mathcal{O}(1; \{12^2, 6^5, 3, 2^{18}\})$	24768

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^5, 3^4, 2^{14}\})$	196416
12	$\mathcal{O}(1; \{12^2, 6^5, 3^7, 2^{10}\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^5, 3^{10}, 2^6\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^5, 3^{13}, 2^2\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3, 2^{15}\})$	99072
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^4, 2^{11}\})$	785664
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^7, 2^7\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^{10}, 2^3\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 3, 2^{12}\})$	396288
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 3^4, 2^8\})$	3142656
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 3^7, 2^4\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 3^{10}\})$	201323520
12	$\mathcal{O}(1; \{12^2, 6^5, 4^6, 3, 2^9\})$	1585152
12	$\mathcal{O}(1; \{12^2, 6^5, 4^6, 3^4, 2^5\})$	12570624
12	$\mathcal{O}(1; \{12^2, 6^5, 4^6, 3^7, 2\})$	100675584
12	$\mathcal{O}(1; \{12^2, 6^5, 4^8, 3, 2^6\})$	6340608
12	$\mathcal{O}(1; \{12^2, 6^5, 4^8, 3^4, 2^2\})$	50282496
12	$\mathcal{O}(1; \{12^2, 6^5, 4^{10}, 3, 2^3\})$	25362432
12	$\mathcal{O}(1; \{12^2, 6^5, 4^{12}, 3\})$	101449728
12	$\mathcal{O}(1; \{12^2, 6^6, 3^2, 2^{15}\})$	98496
12	$\mathcal{O}(1; \{12^2, 6^6, 3^5, 2^{11}\})$	786240
12	$\mathcal{O}(1; \{12^2, 6^6, 3^8, 2^7\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^6, 3^{11}, 2^3\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3^2, 2^{12}\})$	393984
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3^5, 2^8\})$	3144960
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3^8, 2^4\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3^{11}\})$	201325824
12	$\mathcal{O}(1; \{12^2, 6^6, 4^4, 3^2, 2^9\})$	1575936
12	$\mathcal{O}(1; \{12^2, 6^6, 4^4, 3^5, 2^5\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6^6, 4^4, 3^8, 2\})$	100666368
12	$\mathcal{O}(1; \{12^2, 6^6, 4^6, 3^2, 2^6\})$	6303744
12	$\mathcal{O}(1; \{12^2, 6^6, 4^6, 3^5, 2^2\})$	50319360
12	$\mathcal{O}(1; \{12^2, 6^6, 4^8, 3^2, 2^3\})$	25214976
12	$\mathcal{O}(1; \{12^2, 6^6, 4^{10}, 3^2\})$	100859904
12	$\mathcal{O}(1; \{12^2, 6^7, 2^{16}\})$	48960
12	$\mathcal{O}(1; \{12^2, 6^7, 3^3, 2^{12}\})$	393408
12	$\mathcal{O}(1; \{12^2, 6^7, 3^6, 2^8\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^7, 3^9, 2^4\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^7, 3^{12}\})$	201326400
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 2^{13}\})$	195840
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 3^3, 2^9\})$	1573632
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 3^6, 2^5\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 3^9, 2\})$	100664064

Continued on next page

Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^7, 4^4, 2^{10}\})$	783360
12	$\mathcal{O}(1; \{12^2, 6^7, 4^4, 3^3, 2^6\})$	6294528
12	$\mathcal{O}(1; \{12^2, 6^7, 4^4, 3^6, 2^2\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^7, 4^6, 2^7\})$	3133440
12	$\mathcal{O}(1; \{12^2, 6^7, 4^6, 3^3, 2^3\})$	25178112
12	$\mathcal{O}(1; \{12^2, 6^7, 4^8, 2^4\})$	12533760
12	$\mathcal{O}(1; \{12^2, 6^7, 4^8, 3^3\})$	100712448
12	$\mathcal{O}(1; \{12^2, 6^7, 4^{10}, 2\})$	50135040
12	$\mathcal{O}(1; \{12^2, 6^8, 3, 2^{13}\})$	196416
12	$\mathcal{O}(1; \{12^2, 6^8, 3^4, 2^9\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^8, 3^7, 2^5\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^8, 3^{10}, 2\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^8, 4^2, 3, 2^{10}\})$	785664
12	$\mathcal{O}(1; \{12^2, 6^8, 4^2, 3^4, 2^6\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6^8, 4^2, 3^7, 2^2\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^8, 4^4, 3, 2^7\})$	3142656
12	$\mathcal{O}(1; \{12^2, 6^8, 4^4, 3^4, 2^3\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6^8, 4^6, 3, 2^4\})$	12570624
12	$\mathcal{O}(1; \{12^2, 6^8, 4^6, 3^4\})$	100675584
12	$\mathcal{O}(1; \{12^2, 6^8, 4^8, 3, 2\})$	50282496
12	$\mathcal{O}(1; \{12^2, 6^9, 3^2, 2^{10}\})$	786240
12	$\mathcal{O}(1; \{12^2, 6^9, 3^5, 2^6\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^9, 3^8, 2^2\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^9, 4^2, 3^2, 2^7\})$	3144960
12	$\mathcal{O}(1; \{12^2, 6^9, 4^2, 3^5, 2^3\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^9, 4^4, 3^2, 2^4\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6^9, 4^4, 3^5\})$	100666368
12	$\mathcal{O}(1; \{12^2, 6^9, 4^6, 3^2, 2\})$	50319360
12	$\mathcal{O}(1; \{12^2, 6^{10}, 2^{11}\})$	393408
12	$\mathcal{O}(1; \{12^2, 6^{10}, 3^3, 2^7\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^{10}, 3^6, 2^3\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^2, 2^8\})$	1573632
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^2, 3^3, 2^4\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^2, 3^6\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^4, 2^5\})$	6294528
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^4, 3^3, 2\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^6, 2^2\})$	25178112
12	$\mathcal{O}(1; \{12^2, 6^{11}, 3, 2^8\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^{11}, 3^4, 2^4\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^{11}, 3^7\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^2, 3, 2^5\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^2, 3^4, 2\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^4, 3, 2^2\})$	25168896

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^{12}, 3^2, 2^5\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^{12}, 3^5, 2\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^{12}, 4^2, 3^2, 2^2\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^{13}, 2^6\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^{13}, 3^3, 2^2\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^{13}, 4^2, 2^3\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^{13}, 4^4\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^{14}, 3, 2^3\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^{14}, 4^2, 3\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^{15}, 3^2\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^{16}, 2\})$	25166016
12	$\mathcal{O}(1; \{12^3, 4, 3, 2^{23}\})$	6912
12	$\mathcal{O}(1; \{12^3, 4, 3^4, 2^{19}\})$	48384
12	$\mathcal{O}(1; \{12^3, 4, 3^7, 2^{15}\})$	393984
12	$\mathcal{O}(1; \{12^3, 4, 3^{10}, 2^{11}\})$	3144960
12	$\mathcal{O}(1; \{12^3, 4, 3^{13}, 2^7\})$	25166592
12	$\mathcal{O}(1; \{12^3, 4, 3^{16}, 2^3\})$	201325824
12	$\mathcal{O}(1; \{12^3, 4^3, 3, 2^{20}\})$	27648
12	$\mathcal{O}(1; \{12^3, 4^3, 3^4, 2^{16}\})$	193536
12	$\mathcal{O}(1; \{12^3, 4^3, 3^7, 2^{12}\})$	1575936
12	$\mathcal{O}(1; \{12^3, 4^3, 3^{10}, 2^8\})$	12579840
12	$\mathcal{O}(1; \{12^3, 4^3, 3^{13}, 2^4\})$	100666368
12	$\mathcal{O}(1; \{12^3, 4^3, 3^{16}\})$	805303296
12	$\mathcal{O}(1; \{12^3, 4^5, 3, 2^{17}\})$	110592
12	$\mathcal{O}(1; \{12^3, 4^5, 3^4, 2^{13}\})$	774144
12	$\mathcal{O}(1; \{12^3, 4^5, 3^7, 2^9\})$	6303744
12	$\mathcal{O}(1; \{12^3, 4^5, 3^{10}, 2^5\})$	50319360
12	$\mathcal{O}(1; \{12^3, 4^5, 3^{13}, 2\})$	402665472
12	$\mathcal{O}(1; \{12^3, 4^7, 3, 2^{14}\})$	442368
12	$\mathcal{O}(1; \{12^3, 4^7, 3^4, 2^{10}\})$	3096576
12	$\mathcal{O}(1; \{12^3, 4^7, 3^7, 2^6\})$	25214976
12	$\mathcal{O}(1; \{12^3, 4^7, 3^{10}, 2^2\})$	201277440
12	$\mathcal{O}(1; \{12^3, 4^9, 3, 2^{11}\})$	1769472
12	$\mathcal{O}(1; \{12^3, 4^9, 3^4, 2^7\})$	12386304
12	$\mathcal{O}(1; \{12^3, 4^9, 3^7, 2^3\})$	100859904
12	$\mathcal{O}(1; \{12^3, 4^{11}, 3, 2^8\})$	7077888
12	$\mathcal{O}(1; \{12^3, 4^{11}, 3^4, 2^4\})$	49545216
12	$\mathcal{O}(1; \{12^3, 4^{11}, 3^7\})$	403439616
12	$\mathcal{O}(1; \{12^3, 4^{13}, 3, 2^5\})$	28311552
12	$\mathcal{O}(1; \{12^3, 4^{13}, 3^4, 2\})$	198180864
12	$\mathcal{O}(1; \{12^3, 4^{15}, 3, 2^2\})$	113246208
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^2, 2^{20}\})$	25344
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^5, 2^{16}\})$	195840

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^8, 2^{12}\})$	1573632
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^{11}, 2^8\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^{14}, 2^4\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^{17}\})$	805305600
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^2, 2^{17}\})$	101376
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^5, 2^{13}\})$	783360
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^8, 2^9\})$	6294528
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^{11}, 2^5\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^{14}, 2\})$	402656256
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^2, 2^{14}\})$	405504
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^5, 2^{10}\})$	3133440
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^8, 2^6\})$	25178112
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^{11}, 2^2\})$	201314304
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 3^2, 2^{11}\})$	1622016
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 3^5, 2^7\})$	12533760
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 3^8, 2^3\})$	100712448
12	$\mathcal{O}(1; \{12^3, 6, 4^9, 3^2, 2^8\})$	6488064
12	$\mathcal{O}(1; \{12^3, 6, 4^9, 3^5, 2^4\})$	50135040
12	$\mathcal{O}(1; \{12^3, 6, 4^9, 3^8\})$	402849792
12	$\mathcal{O}(1; \{12^3, 6, 4^{11}, 3^2, 2^5\})$	25952256
12	$\mathcal{O}(1; \{12^3, 6, 4^{11}, 3^5, 2\})$	200540160
12	$\mathcal{O}(1; \{12^3, 6, 4^{13}, 3^2, 2^2\})$	103809024
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 2^{21}\})$	11520
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^3, 2^{17}\})$	99072
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^6, 2^{13}\})$	785664
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^9, 2^9\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^{12}, 2^5\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^{15}, 2\})$	402653952
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 2^{18}\})$	46080
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^3, 2^{14}\})$	396288
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^6, 2^{10}\})$	3142656
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^9, 2^6\})$	25168896
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^{12}, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 2^{15}\})$	184320
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3^3, 2^{11}\})$	1585152
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3^6, 2^7\})$	12570624
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3^9, 2^3\})$	100675584
12	$\mathcal{O}(1; \{12^3, 6^2, 4^7, 2^{12}\})$	737280
12	$\mathcal{O}(1; \{12^3, 6^2, 4^7, 3^3, 2^8\})$	6340608
12	$\mathcal{O}(1; \{12^3, 6^2, 4^7, 3^6, 2^4\})$	50282496
12	$\mathcal{O}(1; \{12^3, 6^2, 4^7, 3^9\})$	402702336
12	$\mathcal{O}(1; \{12^3, 6^2, 4^9, 2^9\})$	2949120
12	$\mathcal{O}(1; \{12^3, 6^2, 4^9, 3^3, 2^5\})$	25362432

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 6^2, 4^9, 3^6, 2\})$	201129984
12	$\mathcal{O}(1; \{12^3, 6^2, 4^{11}, 2^6\})$	11796480
12	$\mathcal{O}(1; \{12^3, 6^2, 4^{11}, 3^3, 2^2\})$	101449728
12	$\mathcal{O}(1; \{12^3, 6^2, 4^{13}, 2^3\})$	47185920
12	$\mathcal{O}(1; \{12^3, 6^2, 4^{15}\})$	188743680
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3, 2^{18}\})$	48384
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^4, 2^{14}\})$	393984
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^7, 2^{10}\})$	3144960
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^{10}, 2^6\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^{13}, 2^2\})$	201325824
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3, 2^{15}\})$	193536
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^4, 2^{11}\})$	1575936
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^7, 2^7\})$	12579840
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^{10}, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 3, 2^{12}\})$	774144
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 3^4, 2^8\})$	6303744
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 3^7, 2^4\})$	50319360
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 3^{10}\})$	402665472
12	$\mathcal{O}(1; \{12^3, 6^3, 4^7, 3, 2^9\})$	3096576
12	$\mathcal{O}(1; \{12^3, 6^3, 4^7, 3^4, 2^5\})$	25214976
12	$\mathcal{O}(1; \{12^3, 6^3, 4^7, 3^7, 2\})$	201277440
12	$\mathcal{O}(1; \{12^3, 6^3, 4^9, 3, 2^6\})$	12386304
12	$\mathcal{O}(1; \{12^3, 6^3, 4^9, 3^4, 2^2\})$	100859904
12	$\mathcal{O}(1; \{12^3, 6^3, 4^{11}, 3, 2^3\})$	49545216
12	$\mathcal{O}(1; \{12^3, 6^3, 4^{13}, 3\})$	198180864
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^2, 2^{15}\})$	195840
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^5, 2^{11}\})$	1573632
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^8, 2^7\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^{11}, 2^3\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3^2, 2^{12}\})$	783360
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3^5, 2^8\})$	6294528
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3^8, 2^4\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3^{11}\})$	402656256
12	$\mathcal{O}(1; \{12^3, 6^4, 4^5, 3^2, 2^9\})$	3133440
12	$\mathcal{O}(1; \{12^3, 6^4, 4^5, 3^5, 2^5\})$	25178112
12	$\mathcal{O}(1; \{12^3, 6^4, 4^5, 3^8, 2\})$	201314304
12	$\mathcal{O}(1; \{12^3, 6^4, 4^7, 3^2, 2^6\})$	12533760
12	$\mathcal{O}(1; \{12^3, 6^4, 4^7, 3^5, 2^2\})$	100712448
12	$\mathcal{O}(1; \{12^3, 6^4, 4^9, 3^2, 2^3\})$	50135040
12	$\mathcal{O}(1; \{12^3, 6^4, 4^{11}, 3^2\})$	200540160
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 2^{16}\})$	99072
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^3, 2^{12}\})$	785664
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^6, 2^8\})$	6292224

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^9, 2^4\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^{12}\})$	402653952
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 2^{13}\})$	396288
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 3^3, 2^9\})$	3142656
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 3^6, 2^5\})$	25168896
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 3^9, 2\})$	201323520
12	$\mathcal{O}(1; \{12^3, 6^5, 4^5, 2^{10}\})$	1585152
12	$\mathcal{O}(1; \{12^3, 6^5, 4^5, 3^3, 2^6\})$	12570624
12	$\mathcal{O}(1; \{12^3, 6^5, 4^5, 3^6, 2^2\})$	100675584
12	$\mathcal{O}(1; \{12^3, 6^5, 4^7, 2^7\})$	6340608
12	$\mathcal{O}(1; \{12^3, 6^5, 4^7, 3^3, 2^3\})$	50282496
12	$\mathcal{O}(1; \{12^3, 6^5, 4^9, 2^4\})$	25362432
12	$\mathcal{O}(1; \{12^3, 6^5, 4^9, 3^3\})$	201129984
12	$\mathcal{O}(1; \{12^3, 6^5, 4^{11}, 2\})$	101449728
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3, 2^{13}\})$	393984
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3^4, 2^9\})$	3144960
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3^7, 2^5\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3^{10}, 2\})$	201325824
12	$\mathcal{O}(1; \{12^3, 6^6, 4^3, 3, 2^{10}\})$	1575936
12	$\mathcal{O}(1; \{12^3, 6^6, 4^3, 3^4, 2^6\})$	12579840
12	$\mathcal{O}(1; \{12^3, 6^6, 4^3, 3^7, 2^2\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^6, 4^5, 3, 2^7\})$	6303744
12	$\mathcal{O}(1; \{12^3, 6^6, 4^5, 3^4, 2^3\})$	50319360
12	$\mathcal{O}(1; \{12^3, 6^6, 4^7, 3, 2^4\})$	25214976
12	$\mathcal{O}(1; \{12^3, 6^6, 4^7, 3^4\})$	201277440
12	$\mathcal{O}(1; \{12^3, 6^6, 4^9, 3, 2\})$	100859904
12	$\mathcal{O}(1; \{12^3, 6^7, 4, 3^2, 2^{10}\})$	1573632
12	$\mathcal{O}(1; \{12^3, 6^7, 4, 3^5, 2^6\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6^7, 4, 3^8, 2^2\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^7, 4^3, 3^2, 2^7\})$	6294528
12	$\mathcal{O}(1; \{12^3, 6^7, 4^3, 3^5, 2^3\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6^7, 4^5, 3^2, 2^4\})$	25178112
12	$\mathcal{O}(1; \{12^3, 6^7, 4^5, 3^5\})$	201314304
12	$\mathcal{O}(1; \{12^3, 6^7, 4^7, 3^2, 2\})$	100712448
12	$\mathcal{O}(1; \{12^3, 6^8, 4, 2^{11}\})$	785664
12	$\mathcal{O}(1; \{12^3, 6^8, 4, 3^3, 2^7\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6^8, 4, 3^6, 2^3\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^8, 4^3, 2^8\})$	3142656
12	$\mathcal{O}(1; \{12^3, 6^8, 4^3, 3^3, 2^4\})$	25168896
12	$\mathcal{O}(1; \{12^3, 6^8, 4^3, 3^6\})$	201323520
12	$\mathcal{O}(1; \{12^3, 6^8, 4^5, 2^5\})$	12570624
12	$\mathcal{O}(1; \{12^3, 6^8, 4^5, 3^3, 2\})$	100675584
12	$\mathcal{O}(1; \{12^3, 6^8, 4^7, 2^2\})$	50282496

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 6^9, 4, 3, 2^8\})$	3144960
12	$\mathcal{O}(1; \{12^3, 6^9, 4, 3^4, 2^4\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^9, 4, 3^7\})$	201325824
12	$\mathcal{O}(1; \{12^3, 6^9, 4^3, 3, 2^5\})$	12579840
12	$\mathcal{O}(1; \{12^3, 6^9, 4^3, 3^4, 2\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^9, 4^5, 3, 2^2\})$	50319360
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4, 3^2, 2^5\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4, 3^5, 2\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4^3, 3^2, 2^2\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6^{11}, 4, 2^6\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6^{11}, 4, 3^3, 2^2\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^{11}, 4^3, 2^3\})$	25168896
12	$\mathcal{O}(1; \{12^3, 6^{11}, 4^5\})$	100675584
12	$\mathcal{O}(1; \{12^3, 6^{12}, 4, 3, 2^3\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^{12}, 4^3, 3\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^{13}, 4, 3^2\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^{14}, 4, 2\})$	50330880
12	$\mathcal{O}(1; \{12^4, 2^{24}\})$	6912
12	$\mathcal{O}(1; \{12^4, 3^3, 2^{20}\})$	48384
12	$\mathcal{O}(1; \{12^4, 3^6, 2^{16}\})$	393984
12	$\mathcal{O}(1; \{12^4, 3^9, 2^{12}\})$	3144960
12	$\mathcal{O}(1; \{12^4, 3^{12}, 2^8\})$	25166592
12	$\mathcal{O}(1; \{12^4, 3^{15}, 2^4\})$	201325824
12	$\mathcal{O}(1; \{12^4, 3^{18}\})$	1610613504
12	$\mathcal{O}(1; \{12^4, 4^2, 2^{21}\})$	27648
12	$\mathcal{O}(1; \{12^4, 4^2, 3^3, 2^{17}\})$	193536
12	$\mathcal{O}(1; \{12^4, 4^2, 3^6, 2^{13}\})$	1575936
12	$\mathcal{O}(1; \{12^4, 4^2, 3^9, 2^9\})$	12579840
12	$\mathcal{O}(1; \{12^4, 4^2, 3^{12}, 2^5\})$	100666368
12	$\mathcal{O}(1; \{12^4, 4^2, 3^{15}, 2\})$	805303296
12	$\mathcal{O}(1; \{12^4, 4^4, 2^{18}\})$	110592
12	$\mathcal{O}(1; \{12^4, 4^4, 3^3, 2^{14}\})$	774144
12	$\mathcal{O}(1; \{12^4, 4^4, 3^6, 2^{10}\})$	6303744
12	$\mathcal{O}(1; \{12^4, 4^4, 3^9, 2^6\})$	50319360
12	$\mathcal{O}(1; \{12^4, 4^4, 3^{12}, 2^2\})$	402665472
12	$\mathcal{O}(1; \{12^4, 4^6, 2^{15}\})$	442368
12	$\mathcal{O}(1; \{12^4, 4^6, 3^3, 2^{11}\})$	3096576
12	$\mathcal{O}(1; \{12^4, 4^6, 3^6, 2^7\})$	25214976
12	$\mathcal{O}(1; \{12^4, 4^6, 3^9, 2^3\})$	201277440
12	$\mathcal{O}(1; \{12^4, 4^8, 2^{12}\})$	1769472
12	$\mathcal{O}(1; \{12^4, 4^8, 3^3, 2^8\})$	12386304
12	$\mathcal{O}(1; \{12^4, 4^8, 3^6, 2^4\})$	100859904
12	$\mathcal{O}(1; \{12^4, 4^8, 3^9\})$	805109760

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 4^{10}, 2^9\})$	7077888
12	$\mathcal{O}(1; \{12^4, 4^{10}, 3^3, 2^5\})$	49545216
12	$\mathcal{O}(1; \{12^4, 4^{10}, 3^6, 2\})$	403439616
12	$\mathcal{O}(1; \{12^4, 4^{12}, 2^6\})$	28311552
12	$\mathcal{O}(1; \{12^4, 4^{12}, 3^3, 2^2\})$	198180864
12	$\mathcal{O}(1; \{12^4, 4^{14}, 2^3\})$	113246208
12	$\mathcal{O}(1; \{12^4, 4^{16}\})$	452984832
12	$\mathcal{O}(1; \{12^4, 6, 3, 2^{21}\})$	25344
12	$\mathcal{O}(1; \{12^4, 6, 3^4, 2^{17}\})$	195840
12	$\mathcal{O}(1; \{12^4, 6, 3^7, 2^{13}\})$	1573632
12	$\mathcal{O}(1; \{12^4, 6, 3^{10}, 2^9\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6, 3^{13}, 2^5\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6, 3^{16}, 2\})$	805305600
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3, 2^{18}\})$	101376
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^4, 2^{14}\})$	783360
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^7, 2^{10}\})$	6294528
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^{10}, 2^6\})$	50328576
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^{13}, 2^2\})$	402656256
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3, 2^{15}\})$	405504
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^4, 2^{11}\})$	3133440
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^7, 2^7\})$	25178112
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^{10}, 2^3\})$	201314304
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 3, 2^{12}\})$	1622016
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 3^4, 2^8\})$	12533760
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 3^7, 2^4\})$	100712448
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 3^{10}\})$	805257216
12	$\mathcal{O}(1; \{12^4, 6, 4^8, 3, 2^9\})$	6488064
12	$\mathcal{O}(1; \{12^4, 6, 4^8, 3^4, 2^5\})$	50135040
12	$\mathcal{O}(1; \{12^4, 6, 4^8, 3^7, 2\})$	402849792
12	$\mathcal{O}(1; \{12^4, 6, 4^{10}, 3, 2^6\})$	25952256
12	$\mathcal{O}(1; \{12^4, 6, 4^{10}, 3^4, 2^2\})$	200540160
12	$\mathcal{O}(1; \{12^4, 6, 4^{12}, 3, 2^3\})$	103809024
12	$\mathcal{O}(1; \{12^4, 6, 4^{14}, 3\})$	415236096
12	$\mathcal{O}(1; \{12^4, 6^2, 3^2, 2^{18}\})$	99072
12	$\mathcal{O}(1; \{12^4, 6^2, 3^5, 2^{14}\})$	785664
12	$\mathcal{O}(1; \{12^4, 6^2, 3^8, 2^{10}\})$	6292224
12	$\mathcal{O}(1; \{12^4, 6^2, 3^{11}, 2^6\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^2, 3^{14}, 2^2\})$	402653952
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^2, 2^{15}\})$	396288
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^5, 2^{11}\})$	3142656
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^8, 2^7\})$	25168896
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^{11}, 2^3\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3^2, 2^{12}\})$	1585152

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3^5, 2^8\})$	12570624
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3^8, 2^4\})$	100675584
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3^{11}\})$	805294080
12	$\mathcal{O}(1; \{12^4, 6^2, 4^6, 3^2, 2^9\})$	6340608
12	$\mathcal{O}(1; \{12^4, 6^2, 4^6, 3^5, 2^5\})$	50282496
12	$\mathcal{O}(1; \{12^4, 6^2, 4^6, 3^8, 2\})$	402702336
12	$\mathcal{O}(1; \{12^4, 6^2, 4^8, 3^2, 2^6\})$	25362432
12	$\mathcal{O}(1; \{12^4, 6^2, 4^8, 3^5, 2^2\})$	201129984
12	$\mathcal{O}(1; \{12^4, 6^2, 4^{10}, 3^2, 2^3\})$	101449728
12	$\mathcal{O}(1; \{12^4, 6^2, 4^{12}, 3^2\})$	405798912
12	$\mathcal{O}(1; \{12^4, 6^3, 2^{19}\})$	48384
12	$\mathcal{O}(1; \{12^4, 6^3, 3^3, 2^{15}\})$	393984
12	$\mathcal{O}(1; \{12^4, 6^3, 3^6, 2^{11}\})$	3144960
12	$\mathcal{O}(1; \{12^4, 6^3, 3^9, 2^7\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^3, 3^{12}, 2^3\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 2^{16}\})$	193536
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^3, 2^{12}\})$	1575936
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^6, 2^8\})$	12579840
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^9, 2^4\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^{12}\})$	805303296
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 2^{13}\})$	774144
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 3^3, 2^9\})$	6303744
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 3^6, 2^5\})$	50319360
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 3^9, 2\})$	402665472
12	$\mathcal{O}(1; \{12^4, 6^3, 4^6, 2^{10}\})$	3096576
12	$\mathcal{O}(1; \{12^4, 6^3, 4^6, 3^3, 2^6\})$	25214976
12	$\mathcal{O}(1; \{12^4, 6^3, 4^6, 3^6, 2^2\})$	201277440
12	$\mathcal{O}(1; \{12^4, 6^3, 4^8, 2^7\})$	12386304
12	$\mathcal{O}(1; \{12^4, 6^3, 4^8, 3^3, 2^3\})$	100859904
12	$\mathcal{O}(1; \{12^4, 6^3, 4^{10}, 2^4\})$	49545216
12	$\mathcal{O}(1; \{12^4, 6^3, 4^{10}, 3^3\})$	403439616
12	$\mathcal{O}(1; \{12^4, 6^3, 4^{12}, 2\})$	198180864
12	$\mathcal{O}(1; \{12^4, 6^4, 3, 2^{16}\})$	195840
12	$\mathcal{O}(1; \{12^4, 6^4, 3^4, 2^{12}\})$	1573632
12	$\mathcal{O}(1; \{12^4, 6^4, 3^7, 2^8\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6^4, 3^{10}, 2^4\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^4, 3^{13}\})$	805305600
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3, 2^{13}\})$	783360
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3^4, 2^9\})$	6294528
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3^7, 2^5\})$	50328576
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3^{10}, 2\})$	402656256
12	$\mathcal{O}(1; \{12^4, 6^4, 4^4, 3, 2^{10}\})$	3133440
12	$\mathcal{O}(1; \{12^4, 6^4, 4^4, 3^4, 2^6\})$	25178112

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 6^4, 4^4, 3^7, 2^2\})$	201314304
12	$\mathcal{O}(1; \{12^4, 6^4, 4^6, 3, 2^7\})$	12533760
12	$\mathcal{O}(1; \{12^4, 6^4, 4^6, 3^4, 2^3\})$	100712448
12	$\mathcal{O}(1; \{12^4, 6^4, 4^8, 3, 2^4\})$	50135040
12	$\mathcal{O}(1; \{12^4, 6^4, 4^8, 3^4\})$	402849792
12	$\mathcal{O}(1; \{12^4, 6^4, 4^{10}, 3, 2\})$	200540160
12	$\mathcal{O}(1; \{12^4, 6^5, 3^2, 2^{13}\})$	785664
12	$\mathcal{O}(1; \{12^4, 6^5, 3^5, 2^9\})$	6292224
12	$\mathcal{O}(1; \{12^4, 6^5, 3^8, 2^5\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^5, 3^{11}, 2\})$	402653952
12	$\mathcal{O}(1; \{12^4, 6^5, 4^2, 3^2, 2^{10}\})$	3142656
12	$\mathcal{O}(1; \{12^4, 6^5, 4^2, 3^5, 2^6\})$	25168896
12	$\mathcal{O}(1; \{12^4, 6^5, 4^2, 3^8, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6^5, 4^4, 3^2, 2^7\})$	12570624
12	$\mathcal{O}(1; \{12^4, 6^5, 4^4, 3^5, 2^3\})$	100675584
12	$\mathcal{O}(1; \{12^4, 6^5, 4^6, 3^2, 2^4\})$	50282496
12	$\mathcal{O}(1; \{12^4, 6^5, 4^6, 3^5\})$	402702336
12	$\mathcal{O}(1; \{12^4, 6^5, 4^8, 3^2, 2\})$	201129984
12	$\mathcal{O}(1; \{12^4, 6^6, 2^{14}\})$	393984
12	$\mathcal{O}(1; \{12^4, 6^6, 3^3, 2^{10}\})$	3144960
12	$\mathcal{O}(1; \{12^4, 6^6, 3^6, 2^6\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^6, 3^9, 2^2\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6^6, 4^2, 2^{11}\})$	1575936
12	$\mathcal{O}(1; \{12^4, 6^6, 4^2, 3^3, 2^7\})$	12579840
12	$\mathcal{O}(1; \{12^4, 6^6, 4^2, 3^6, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^6, 4^4, 2^8\})$	6303744
12	$\mathcal{O}(1; \{12^4, 6^6, 4^4, 3^3, 2^4\})$	50319360
12	$\mathcal{O}(1; \{12^4, 6^6, 4^4, 3^6\})$	402665472
12	$\mathcal{O}(1; \{12^4, 6^6, 4^6, 2^5\})$	25214976
12	$\mathcal{O}(1; \{12^4, 6^6, 4^6, 3^3, 2\})$	201277440
12	$\mathcal{O}(1; \{12^4, 6^6, 4^8, 2^2\})$	100859904
12	$\mathcal{O}(1; \{12^4, 6^7, 3, 2^{11}\})$	1573632
12	$\mathcal{O}(1; \{12^4, 6^7, 3^4, 2^7\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6^7, 3^7, 2^3\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^7, 4^2, 3, 2^8\})$	6294528
12	$\mathcal{O}(1; \{12^4, 6^7, 4^2, 3^4, 2^4\})$	50328576
12	$\mathcal{O}(1; \{12^4, 6^7, 4^2, 3^7\})$	402656256
12	$\mathcal{O}(1; \{12^4, 6^7, 4^4, 3, 2^5\})$	25178112
12	$\mathcal{O}(1; \{12^4, 6^7, 4^4, 3^4, 2\})$	201314304
12	$\mathcal{O}(1; \{12^4, 6^7, 4^6, 3, 2^2\})$	100712448
12	$\mathcal{O}(1; \{12^4, 6^8, 3^2, 2^8\})$	6292224
12	$\mathcal{O}(1; \{12^4, 6^8, 3^5, 2^4\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^8, 3^8\})$	402653952

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 6^8, 4^2, 3^2, 2^5\})$	25168896
12	$\mathcal{O}(1; \{12^4, 6^8, 4^2, 3^5, 2\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6^8, 4^4, 3^2, 2^2\})$	100675584
12	$\mathcal{O}(1; \{12^4, 6^9, 2^9\})$	3144960
12	$\mathcal{O}(1; \{12^4, 6^9, 3^3, 2^5\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^9, 3^6, 2\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6^9, 4^2, 2^6\})$	12579840
12	$\mathcal{O}(1; \{12^4, 6^9, 4^2, 3^3, 2^2\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^9, 4^4, 2^3\})$	50319360
12	$\mathcal{O}(1; \{12^4, 6^9, 4^6\})$	201277440
12	$\mathcal{O}(1; \{12^4, 6^{10}, 3, 2^6\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6^{10}, 3^4, 2^2\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^{10}, 4^2, 3, 2^3\})$	50328576
12	$\mathcal{O}(1; \{12^4, 6^{10}, 4^4, 3\})$	201314304
12	$\mathcal{O}(1; \{12^4, 6^{11}, 3^2, 2^3\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^{11}, 4^2, 3^2\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6^{12}, 2^4\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^{12}, 3^3\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6^{12}, 4^2, 2\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^{13}, 3, 2\})$	100664064
12	$\mathcal{O}(1; \{12^5, 4, 3^2, 2^{18}\})$	193536
12	$\mathcal{O}(1; \{12^5, 4, 3^5, 2^{14}\})$	1575936
12	$\mathcal{O}(1; \{12^5, 4, 3^8, 2^{10}\})$	12579840
12	$\mathcal{O}(1; \{12^5, 4, 3^{11}, 2^6\})$	100666368
12	$\mathcal{O}(1; \{12^5, 4, 3^{14}, 2^2\})$	805303296
12	$\mathcal{O}(1; \{12^5, 4^3, 3^2, 2^{15}\})$	774144
12	$\mathcal{O}(1; \{12^5, 4^3, 3^5, 2^{11}\})$	6303744
12	$\mathcal{O}(1; \{12^5, 4^3, 3^8, 2^7\})$	50319360
12	$\mathcal{O}(1; \{12^5, 4^3, 3^{11}, 2^3\})$	402665472
12	$\mathcal{O}(1; \{12^5, 4^5, 3^2, 2^{12}\})$	3096576
12	$\mathcal{O}(1; \{12^5, 4^5, 3^5, 2^8\})$	25214976
12	$\mathcal{O}(1; \{12^5, 4^5, 3^8, 2^4\})$	201277440
12	$\mathcal{O}(1; \{12^5, 4^5, 3^{11}\})$	1610661888
12	$\mathcal{O}(1; \{12^5, 4^7, 3^2, 2^9\})$	12386304
12	$\mathcal{O}(1; \{12^5, 4^7, 3^5, 2^5\})$	100859904
12	$\mathcal{O}(1; \{12^5, 4^7, 3^8, 2\})$	805109760
12	$\mathcal{O}(1; \{12^5, 4^9, 3^2, 2^6\})$	49545216
12	$\mathcal{O}(1; \{12^5, 4^9, 3^5, 2^2\})$	403439616
12	$\mathcal{O}(1; \{12^5, 4^{11}, 3^2, 2^3\})$	198180864
12	$\mathcal{O}(1; \{12^5, 4^{13}, 3^2\})$	792723456
12	$\mathcal{O}(1; \{12^5, 6, 4, 2^{19}\})$	101376
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^3, 2^{15}\})$	783360
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^6, 2^{11}\})$	6294528

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^9, 2^7\})$	50328576
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^{12}, 2^3\})$	402656256
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 2^{16}\})$	405504
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^3, 2^{12}\})$	3133440
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^6, 2^8\})$	25178112
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^9, 2^4\})$	201314304
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^{12}\})$	1610625024
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 2^{13}\})$	1622016
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 3^3, 2^9\})$	12533760
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 3^6, 2^5\})$	100712448
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 3^9, 2\})$	805257216
12	$\mathcal{O}(1; \{12^5, 6, 4^7, 2^{10}\})$	6488064
12	$\mathcal{O}(1; \{12^5, 6, 4^7, 3^3, 2^6\})$	50135040
12	$\mathcal{O}(1; \{12^5, 6, 4^7, 3^6, 2^2\})$	402849792
12	$\mathcal{O}(1; \{12^5, 6, 4^9, 2^7\})$	25952256
12	$\mathcal{O}(1; \{12^5, 6, 4^9, 3^3, 2^3\})$	200540160
12	$\mathcal{O}(1; \{12^5, 6, 4^{11}, 2^4\})$	103809024
12	$\mathcal{O}(1; \{12^5, 6, 4^{11}, 3^3\})$	802160640
12	$\mathcal{O}(1; \{12^5, 6, 4^{13}, 2\})$	415236096
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3, 2^{16}\})$	396288
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^4, 2^{12}\})$	3142656
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^7, 2^8\})$	25168896
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^{10}, 2^4\})$	201323520
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^{13}\})$	1610615808
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3, 2^{13}\})$	1585152
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3^4, 2^9\})$	12570624
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3^7, 2^5\})$	100675584
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3^{10}, 2\})$	805294080
12	$\mathcal{O}(1; \{12^5, 6^2, 4^5, 3, 2^{10}\})$	6340608
12	$\mathcal{O}(1; \{12^5, 6^2, 4^5, 3^4, 2^6\})$	50282496
12	$\mathcal{O}(1; \{12^5, 6^2, 4^5, 3^7, 2^2\})$	402702336
12	$\mathcal{O}(1; \{12^5, 6^2, 4^7, 3, 2^7\})$	25362432
12	$\mathcal{O}(1; \{12^5, 6^2, 4^7, 3^4, 2^3\})$	201129984
12	$\mathcal{O}(1; \{12^5, 6^2, 4^9, 3, 2^4\})$	101449728
12	$\mathcal{O}(1; \{12^5, 6^2, 4^9, 3^4\})$	804519936
12	$\mathcal{O}(1; \{12^5, 6^2, 4^{11}, 3, 2\})$	405798912
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^2, 2^{13}\})$	1575936
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^5, 2^9\})$	12579840
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^8, 2^5\})$	100666368
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^{11}, 2\})$	805303296
12	$\mathcal{O}(1; \{12^5, 6^3, 4^3, 3^2, 2^{10}\})$	6303744
12	$\mathcal{O}(1; \{12^5, 6^3, 4^3, 3^5, 2^6\})$	50319360
12	$\mathcal{O}(1; \{12^5, 6^3, 4^3, 3^8, 2^2\})$	402665472

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^5, 6^3, 4^5, 3^2, 2^7\})$	25214976
12	$\mathcal{O}(1; \{12^5, 6^3, 4^5, 3^5, 2^3\})$	201277440
12	$\mathcal{O}(1; \{12^5, 6^3, 4^7, 3^2, 2^4\})$	100859904
12	$\mathcal{O}(1; \{12^5, 6^3, 4^7, 3^5\})$	805109760
12	$\mathcal{O}(1; \{12^5, 6^3, 4^9, 3^2, 2\})$	403439616
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 2^{14}\})$	783360
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 3^3, 2^{10}\})$	6294528
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 3^6, 2^6\})$	50328576
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 3^9, 2^2\})$	402656256
12	$\mathcal{O}(1; \{12^5, 6^4, 4^3, 2^{11}\})$	3133440
12	$\mathcal{O}(1; \{12^5, 6^4, 4^3, 3^3, 2^7\})$	25178112
12	$\mathcal{O}(1; \{12^5, 6^4, 4^3, 3^6, 2^3\})$	201314304
12	$\mathcal{O}(1; \{12^5, 6^4, 4^5, 2^8\})$	12533760
12	$\mathcal{O}(1; \{12^5, 6^4, 4^5, 3^3, 2^4\})$	100712448
12	$\mathcal{O}(1; \{12^5, 6^4, 4^5, 3^6\})$	805257216
12	$\mathcal{O}(1; \{12^5, 6^4, 4^7, 2^5\})$	50135040
12	$\mathcal{O}(1; \{12^5, 6^4, 4^7, 3^3, 2\})$	402849792
12	$\mathcal{O}(1; \{12^5, 6^4, 4^9, 2^2\})$	200540160
12	$\mathcal{O}(1; \{12^5, 6^5, 4, 3, 2^{11}\})$	3142656
12	$\mathcal{O}(1; \{12^5, 6^5, 4, 3^4, 2^7\})$	25168896
12	$\mathcal{O}(1; \{12^5, 6^5, 4, 3^7, 2^3\})$	201323520
12	$\mathcal{O}(1; \{12^5, 6^5, 4^3, 3, 2^8\})$	12570624
12	$\mathcal{O}(1; \{12^5, 6^5, 4^3, 3^4, 2^4\})$	100675584
12	$\mathcal{O}(1; \{12^5, 6^5, 4^3, 3^7\})$	805294080
12	$\mathcal{O}(1; \{12^5, 6^5, 4^5, 3, 2^5\})$	50282496
12	$\mathcal{O}(1; \{12^5, 6^5, 4^5, 3^4, 2\})$	402702336
12	$\mathcal{O}(1; \{12^5, 6^5, 4^7, 3, 2^2\})$	201129984
12	$\mathcal{O}(1; \{12^5, 6^6, 4, 3^2, 2^8\})$	12579840
12	$\mathcal{O}(1; \{12^5, 6^6, 4, 3^5, 2^4\})$	100666368
12	$\mathcal{O}(1; \{12^5, 6^6, 4, 3^8\})$	805303296
12	$\mathcal{O}(1; \{12^5, 6^6, 4^3, 3^2, 2^5\})$	50319360
12	$\mathcal{O}(1; \{12^5, 6^6, 4^3, 3^5, 2\})$	402665472
12	$\mathcal{O}(1; \{12^5, 6^6, 4^5, 3^2, 2^2\})$	201277440
12	$\mathcal{O}(1; \{12^5, 6^7, 4, 2^9\})$	6294528
12	$\mathcal{O}(1; \{12^5, 6^7, 4, 3^3, 2^5\})$	50328576
12	$\mathcal{O}(1; \{12^5, 6^7, 4, 3^6, 2\})$	402656256
12	$\mathcal{O}(1; \{12^5, 6^7, 4^3, 2^6\})$	25178112
12	$\mathcal{O}(1; \{12^5, 6^7, 4^3, 3^3, 2^2\})$	201314304
12	$\mathcal{O}(1; \{12^5, 6^7, 4^5, 2^3\})$	100712448
12	$\mathcal{O}(1; \{12^5, 6^7, 4^7\})$	402849792
12	$\mathcal{O}(1; \{12^5, 6^8, 4, 3, 2^6\})$	25168896
12	$\mathcal{O}(1; \{12^5, 6^8, 4, 3^4, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12^5, 6^8, 4^3, 3, 2^3\})$	100675584

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^5, 6^8, 4^5, 3\})$	402702336
12	$\mathcal{O}(1; \{12^5, 6^9, 4, 3^2, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12^5, 6^9, 4^3, 3^2\})$	402665472
12	$\mathcal{O}(1; \{12^5, 6^{10}, 4, 2^4\})$	50328576
12	$\mathcal{O}(1; \{12^5, 6^{10}, 4, 3^3\})$	402656256
12	$\mathcal{O}(1; \{12^5, 6^{10}, 4^3, 2\})$	201314304
12	$\mathcal{O}(1; \{12^5, 6^{11}, 4, 3, 2\})$	201323520
12	$\mathcal{O}(1; \{12^6, 3, 2^{19}\})$	193536
12	$\mathcal{O}(1; \{12^6, 3^4, 2^{15}\})$	1575936
12	$\mathcal{O}(1; \{12^6, 3^7, 2^{11}\})$	12579840
12	$\mathcal{O}(1; \{12^6, 3^{10}, 2^7\})$	100666368
12	$\mathcal{O}(1; \{12^6, 3^{13}, 2^3\})$	805303296
12	$\mathcal{O}(1; \{12^6, 4^2, 3, 2^{16}\})$	774144
12	$\mathcal{O}(1; \{12^6, 4^2, 3^4, 2^{12}\})$	6303744
12	$\mathcal{O}(1; \{12^6, 4^2, 3^7, 2^8\})$	50319360
12	$\mathcal{O}(1; \{12^6, 4^2, 3^{10}, 2^4\})$	402665472
12	$\mathcal{O}(1; \{12^6, 4^2, 3^{13}\})$	3221213184
12	$\mathcal{O}(1; \{12^6, 4^4, 3, 2^{13}\})$	3096576
12	$\mathcal{O}(1; \{12^6, 4^4, 3^4, 2^9\})$	25214976
12	$\mathcal{O}(1; \{12^6, 4^4, 3^7, 2^5\})$	201277440
12	$\mathcal{O}(1; \{12^6, 4^4, 3^{10}, 2\})$	1610661888
12	$\mathcal{O}(1; \{12^6, 4^6, 3, 2^{10}\})$	12386304
12	$\mathcal{O}(1; \{12^6, 4^6, 3^4, 2^6\})$	100859904
12	$\mathcal{O}(1; \{12^6, 4^6, 3^7, 2^2\})$	805109760
12	$\mathcal{O}(1; \{12^6, 4^8, 3, 2^7\})$	49545216
12	$\mathcal{O}(1; \{12^6, 4^8, 3^4, 2^3\})$	403439616
12	$\mathcal{O}(1; \{12^6, 4^{10}, 3, 2^4\})$	198180864
12	$\mathcal{O}(1; \{12^6, 4^{10}, 3^4\})$	1613758464
12	$\mathcal{O}(1; \{12^6, 4^{12}, 3, 2\})$	792723456
12	$\mathcal{O}(1; \{12^6, 6, 3^2, 2^{16}\})$	783360
12	$\mathcal{O}(1; \{12^6, 6, 3^5, 2^{12}\})$	6294528
12	$\mathcal{O}(1; \{12^6, 6, 3^8, 2^8\})$	50328576
12	$\mathcal{O}(1; \{12^6, 6, 3^{11}, 2^4\})$	402656256
12	$\mathcal{O}(1; \{12^6, 6, 3^{14}\})$	3221222400
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^2, 2^{13}\})$	3133440
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^5, 2^9\})$	25178112
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^8, 2^5\})$	201314304
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^{11}, 2\})$	1610625024
12	$\mathcal{O}(1; \{12^6, 6, 4^4, 3^2, 2^{10}\})$	12533760
12	$\mathcal{O}(1; \{12^6, 6, 4^4, 3^5, 2^6\})$	100712448
12	$\mathcal{O}(1; \{12^6, 6, 4^4, 3^8, 2^2\})$	805257216
12	$\mathcal{O}(1; \{12^6, 6, 4^6, 3^2, 2^7\})$	50135040
12	$\mathcal{O}(1; \{12^6, 6, 4^6, 3^5, 2^3\})$	402849792

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^6, 6, 4^8, 3^2, 2^4\})$	200540160
12	$\mathcal{O}(1; \{12^6, 6, 4^8, 3^5\})$	1611399168
12	$\mathcal{O}(1; \{12^6, 6, 4^{10}, 3^2, 2\})$	802160640
12	$\mathcal{O}(1; \{12^6, 6^2, 2^{17}\})$	396288
12	$\mathcal{O}(1; \{12^6, 6^2, 3^3, 2^{13}\})$	3142656
12	$\mathcal{O}(1; \{12^6, 6^2, 3^6, 2^9\})$	25168896
12	$\mathcal{O}(1; \{12^6, 6^2, 3^9, 2^5\})$	201323520
12	$\mathcal{O}(1; \{12^6, 6^2, 3^{12}, 2\})$	1610615808
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 2^{14}\})$	1585152
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 3^3, 2^{10}\})$	12570624
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 3^6, 2^6\})$	100675584
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 3^9, 2^2\})$	805294080
12	$\mathcal{O}(1; \{12^6, 6^2, 4^4, 2^{11}\})$	6340608
12	$\mathcal{O}(1; \{12^6, 6^2, 4^4, 3^3, 2^7\})$	50282496
12	$\mathcal{O}(1; \{12^6, 6^2, 4^4, 3^6, 2^3\})$	402702336
12	$\mathcal{O}(1; \{12^6, 6^2, 4^6, 2^8\})$	25362432
12	$\mathcal{O}(1; \{12^6, 6^2, 4^6, 3^3, 2^4\})$	201129984
12	$\mathcal{O}(1; \{12^6, 6^2, 4^6, 3^6\})$	1610809344
12	$\mathcal{O}(1; \{12^6, 6^2, 4^8, 2^5\})$	101449728
12	$\mathcal{O}(1; \{12^6, 6^2, 4^8, 3^3, 2\})$	804519936
12	$\mathcal{O}(1; \{12^6, 6^2, 4^{10}, 2^2\})$	405798912
12	$\mathcal{O}(1; \{12^6, 6^3, 3, 2^{14}\})$	1575936
12	$\mathcal{O}(1; \{12^6, 6^3, 3^4, 2^{10}\})$	12579840
12	$\mathcal{O}(1; \{12^6, 6^3, 3^7, 2^6\})$	100666368
12	$\mathcal{O}(1; \{12^6, 6^3, 3^{10}, 2^2\})$	805303296
12	$\mathcal{O}(1; \{12^6, 6^3, 4^2, 3, 2^{11}\})$	6303744
12	$\mathcal{O}(1; \{12^6, 6^3, 4^2, 3^4, 2^7\})$	50319360
12	$\mathcal{O}(1; \{12^6, 6^3, 4^2, 3^7, 2^3\})$	402665472
12	$\mathcal{O}(1; \{12^6, 6^3, 4^4, 3, 2^8\})$	25214976
12	$\mathcal{O}(1; \{12^6, 6^3, 4^4, 3^4, 2^4\})$	201277440
12	$\mathcal{O}(1; \{12^6, 6^3, 4^4, 3^7\})$	1610661888
12	$\mathcal{O}(1; \{12^6, 6^3, 4^6, 3, 2^5\})$	100859904
12	$\mathcal{O}(1; \{12^6, 6^3, 4^6, 3^4, 2\})$	805109760
12	$\mathcal{O}(1; \{12^6, 6^3, 4^8, 3, 2^2\})$	403439616
12	$\mathcal{O}(1; \{12^6, 6^4, 3^2, 2^{11}\})$	6294528
12	$\mathcal{O}(1; \{12^6, 6^4, 3^5, 2^7\})$	50328576
12	$\mathcal{O}(1; \{12^6, 6^4, 3^8, 2^3\})$	402656256
12	$\mathcal{O}(1; \{12^6, 6^4, 4^2, 3^2, 2^8\})$	25178112
12	$\mathcal{O}(1; \{12^6, 6^4, 4^2, 3^5, 2^4\})$	201314304
12	$\mathcal{O}(1; \{12^6, 6^4, 4^2, 3^8\})$	1610625024
12	$\mathcal{O}(1; \{12^6, 6^4, 4^4, 3^2, 2^5\})$	100712448
12	$\mathcal{O}(1; \{12^6, 6^4, 4^4, 3^5, 2\})$	805257216
12	$\mathcal{O}(1; \{12^6, 6^4, 4^6, 3^2, 2^2\})$	402849792

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^6, 6^5, 2^{12}\})$	3142656
12	$\mathcal{O}(1; \{12^6, 6^5, 3^3, 2^8\})$	25168896
12	$\mathcal{O}(1; \{12^6, 6^5, 3^6, 2^4\})$	201323520
12	$\mathcal{O}(1; \{12^6, 6^5, 3^9\})$	1610615808
12	$\mathcal{O}(1; \{12^6, 6^5, 4^2, 2^9\})$	12570624
12	$\mathcal{O}(1; \{12^6, 6^5, 4^2, 3^3, 2^5\})$	100675584
12	$\mathcal{O}(1; \{12^6, 6^5, 4^2, 3^6, 2\})$	805294080
12	$\mathcal{O}(1; \{12^6, 6^5, 4^4, 2^6\})$	50282496
12	$\mathcal{O}(1; \{12^6, 6^5, 4^4, 3^3, 2^2\})$	402702336
12	$\mathcal{O}(1; \{12^6, 6^5, 4^6, 2^3\})$	201129984
12	$\mathcal{O}(1; \{12^6, 6^5, 4^8\})$	804519936
12	$\mathcal{O}(1; \{12^6, 6^6, 3, 2^9\})$	12579840
12	$\mathcal{O}(1; \{12^6, 6^6, 3^4, 2^5\})$	100666368
12	$\mathcal{O}(1; \{12^6, 6^6, 3^7, 2\})$	805303296
12	$\mathcal{O}(1; \{12^6, 6^6, 4^2, 3, 2^6\})$	50319360
12	$\mathcal{O}(1; \{12^6, 6^6, 4^2, 3^4, 2^2\})$	402665472
12	$\mathcal{O}(1; \{12^6, 6^6, 4^4, 3, 2^3\})$	201277440
12	$\mathcal{O}(1; \{12^6, 6^6, 4^6, 3\})$	805109760
12	$\mathcal{O}(1; \{12^6, 6^7, 3^2, 2^6\})$	50328576
12	$\mathcal{O}(1; \{12^6, 6^7, 3^5, 2^2\})$	402656256
12	$\mathcal{O}(1; \{12^6, 6^7, 4^2, 3^2, 2^3\})$	201314304
12	$\mathcal{O}(1; \{12^6, 6^7, 4^4, 3^2\})$	805257216
12	$\mathcal{O}(1; \{12^6, 6^8, 2^7\})$	25168896
12	$\mathcal{O}(1; \{12^6, 6^8, 3^3, 2^3\})$	201323520
12	$\mathcal{O}(1; \{12^6, 6^8, 4^2, 2^4\})$	100675584
12	$\mathcal{O}(1; \{12^6, 6^8, 4^2, 3^3\})$	805294080
12	$\mathcal{O}(1; \{12^6, 6^8, 4^4, 2\})$	402702336
12	$\mathcal{O}(1; \{12^6, 6^9, 3, 2^4\})$	100666368
12	$\mathcal{O}(1; \{12^6, 6^9, 3^4\})$	805303296
12	$\mathcal{O}(1; \{12^6, 6^9, 4^2, 3, 2\})$	402665472
12	$\mathcal{O}(1; \{12^6, 6^{10}, 3^2, 2\})$	402656256
12	$\mathcal{O}(1; \{12^6, 6^{11}, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12^7, 4, 2^{17}\})$	774144
12	$\mathcal{O}(1; \{12^7, 4, 3^3, 2^{13}\})$	6303744
12	$\mathcal{O}(1; \{12^7, 4, 3^6, 2^9\})$	50319360
12	$\mathcal{O}(1; \{12^7, 4, 3^9, 2^5\})$	402665472
12	$\mathcal{O}(1; \{12^7, 4, 3^{12}, 2\})$	3221213184
12	$\mathcal{O}(1; \{12^7, 4^3, 2^{14}\})$	3096576
12	$\mathcal{O}(1; \{12^7, 4^3, 3^3, 2^{10}\})$	25214976
12	$\mathcal{O}(1; \{12^7, 4^3, 3^6, 2^6\})$	201277440
12	$\mathcal{O}(1; \{12^7, 4^3, 3^9, 2^2\})$	1610661888
12	$\mathcal{O}(1; \{12^7, 4^5, 2^{11}\})$	12386304
12	$\mathcal{O}(1; \{12^7, 4^5, 3^3, 2^7\})$	100859904

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^7, 4^5, 3^6, 2^3\})$	805109760
12	$\mathcal{O}(1; \{12^7, 4^7, 2^8\})$	49545216
12	$\mathcal{O}(1; \{12^7, 4^7, 3^3, 2^4\})$	403439616
12	$\mathcal{O}(1; \{12^7, 4^7, 3^6\})$	3220439040
12	$\mathcal{O}(1; \{12^7, 4^9, 2^5\})$	198180864
12	$\mathcal{O}(1; \{12^7, 4^9, 3^3, 2\})$	1613758464
12	$\mathcal{O}(1; \{12^7, 4^{11}, 2^2\})$	792723456
12	$\mathcal{O}(1; \{12^7, 6, 4, 3, 2^{14}\})$	3133440
12	$\mathcal{O}(1; \{12^7, 6, 4, 3^4, 2^{10}\})$	25178112
12	$\mathcal{O}(1; \{12^7, 6, 4, 3^7, 2^6\})$	201314304
12	$\mathcal{O}(1; \{12^7, 6, 4, 3^{10}, 2^2\})$	1610625024
12	$\mathcal{O}(1; \{12^7, 6, 4^3, 3, 2^{11}\})$	12533760
12	$\mathcal{O}(1; \{12^7, 6, 4^3, 3^4, 2^7\})$	100712448
12	$\mathcal{O}(1; \{12^7, 6, 4^3, 3^7, 2^3\})$	805257216
12	$\mathcal{O}(1; \{12^7, 6, 4^5, 3, 2^8\})$	50135040
12	$\mathcal{O}(1; \{12^7, 6, 4^5, 3^4, 2^4\})$	402849792
12	$\mathcal{O}(1; \{12^7, 6, 4^5, 3^7\})$	3221028864
12	$\mathcal{O}(1; \{12^7, 6, 4^7, 3, 2^5\})$	200540160
12	$\mathcal{O}(1; \{12^7, 6, 4^7, 3^4, 2\})$	1611399168
12	$\mathcal{O}(1; \{12^7, 6, 4^9, 3, 2^2\})$	802160640
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 3^2, 2^{11}\})$	12570624
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 3^5, 2^7\})$	100675584
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 3^8, 2^3\})$	805294080
12	$\mathcal{O}(1; \{12^7, 6^2, 4^3, 3^2, 2^8\})$	50282496
12	$\mathcal{O}(1; \{12^7, 6^2, 4^3, 3^5, 2^4\})$	402702336
12	$\mathcal{O}(1; \{12^7, 6^2, 4^3, 3^8\})$	3221176320
12	$\mathcal{O}(1; \{12^7, 6^2, 4^5, 3^2, 2^5\})$	201129984
12	$\mathcal{O}(1; \{12^7, 6^2, 4^5, 3^5, 2\})$	1610809344
12	$\mathcal{O}(1; \{12^7, 6^2, 4^7, 3^2, 2^2\})$	804519936
12	$\mathcal{O}(1; \{12^7, 6^3, 4, 2^{12}\})$	6303744
12	$\mathcal{O}(1; \{12^7, 6^3, 4, 3^3, 2^8\})$	50319360
12	$\mathcal{O}(1; \{12^7, 6^3, 4, 3^6, 2^4\})$	402665472
12	$\mathcal{O}(1; \{12^7, 6^3, 4, 3^9\})$	3221213184
12	$\mathcal{O}(1; \{12^7, 6^3, 4^3, 2^9\})$	25214976
12	$\mathcal{O}(1; \{12^7, 6^3, 4^3, 3^3, 2^5\})$	201277440
12	$\mathcal{O}(1; \{12^7, 6^3, 4^3, 3^6, 2\})$	1610661888
12	$\mathcal{O}(1; \{12^7, 6^3, 4^5, 2^6\})$	100859904
12	$\mathcal{O}(1; \{12^7, 6^3, 4^5, 3^3, 2^2\})$	805109760
12	$\mathcal{O}(1; \{12^7, 6^3, 4^7, 2^3\})$	403439616
12	$\mathcal{O}(1; \{12^7, 6^3, 4^9\})$	1613758464
12	$\mathcal{O}(1; \{12^7, 6^4, 4, 3, 2^9\})$	25178112
12	$\mathcal{O}(1; \{12^7, 6^4, 4, 3^4, 2^5\})$	201314304
12	$\mathcal{O}(1; \{12^7, 6^4, 4, 3^7, 2\})$	1610625024

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^7, 6^4, 4^3, 3, 2^6\})$	100712448
12	$\mathcal{O}(1; \{12^7, 6^4, 4^3, 3^4, 2^2\})$	805257216
12	$\mathcal{O}(1; \{12^7, 6^4, 4^5, 3, 2^3\})$	402849792
12	$\mathcal{O}(1; \{12^7, 6^4, 4^7, 3\})$	1611399168
12	$\mathcal{O}(1; \{12^7, 6^5, 4, 3^2, 2^6\})$	100675584
12	$\mathcal{O}(1; \{12^7, 6^5, 4, 3^5, 2^2\})$	805294080
12	$\mathcal{O}(1; \{12^7, 6^5, 4^3, 3^2, 2^3\})$	402702336
12	$\mathcal{O}(1; \{12^7, 6^5, 4^5, 3^2\})$	1610809344
12	$\mathcal{O}(1; \{12^7, 6^6, 4, 2^7\})$	50319360
12	$\mathcal{O}(1; \{12^7, 6^6, 4, 3^3, 2^3\})$	402665472
12	$\mathcal{O}(1; \{12^7, 6^6, 4^3, 2^4\})$	201277440
12	$\mathcal{O}(1; \{12^7, 6^6, 4^3, 3^3\})$	1610661888
12	$\mathcal{O}(1; \{12^7, 6^6, 4^5, 2\})$	805109760
12	$\mathcal{O}(1; \{12^7, 6^7, 4, 3, 2^4\})$	201314304
12	$\mathcal{O}(1; \{12^7, 6^7, 4, 3^4\})$	1610625024
12	$\mathcal{O}(1; \{12^7, 6^7, 4^3, 3, 2\})$	805257216
12	$\mathcal{O}(1; \{12^7, 6^8, 4, 3^2, 2\})$	805294080
12	$\mathcal{O}(1; \{12^7, 6^9, 4, 2^2\})$	402665472
12	$\mathcal{O}(1; \{12^8, 3^2, 2^{14}\})$	6303744
12	$\mathcal{O}(1; \{12^8, 3^5, 2^{10}\})$	50319360
12	$\mathcal{O}(1; \{12^8, 3^8, 2^6\})$	402665472
12	$\mathcal{O}(1; \{12^8, 3^{11}, 2^2\})$	3221213184
12	$\mathcal{O}(1; \{12^8, 4^2, 3^2, 2^{11}\})$	25214976
12	$\mathcal{O}(1; \{12^8, 4^2, 3^5, 2^7\})$	201277440
12	$\mathcal{O}(1; \{12^8, 4^2, 3^8, 2^3\})$	1610661888
12	$\mathcal{O}(1; \{12^8, 4^4, 3^2, 2^8\})$	100859904
12	$\mathcal{O}(1; \{12^8, 4^4, 3^5, 2^4\})$	805109760
12	$\mathcal{O}(1; \{12^8, 4^4, 3^8\})$	6442647552
12	$\mathcal{O}(1; \{12^8, 4^6, 3^2, 2^5\})$	403439616
12	$\mathcal{O}(1; \{12^8, 4^6, 3^5, 2\})$	3220439040
12	$\mathcal{O}(1; \{12^8, 4^8, 3^2, 2^2\})$	1613758464
12	$\mathcal{O}(1; \{12^8, 6, 2^{15}\})$	3133440
12	$\mathcal{O}(1; \{12^8, 6, 3^3, 2^{11}\})$	25178112
12	$\mathcal{O}(1; \{12^8, 6, 3^6, 2^7\})$	201314304
12	$\mathcal{O}(1; \{12^8, 6, 3^9, 2^3\})$	1610625024
12	$\mathcal{O}(1; \{12^8, 6, 4^2, 2^{12}\})$	12533760
12	$\mathcal{O}(1; \{12^8, 6, 4^2, 3^3, 2^8\})$	100712448
12	$\mathcal{O}(1; \{12^8, 6, 4^2, 3^6, 2^4\})$	805257216
12	$\mathcal{O}(1; \{12^8, 6, 4^2, 3^9\})$	6442500096
12	$\mathcal{O}(1; \{12^8, 6, 4^4, 2^9\})$	50135040
12	$\mathcal{O}(1; \{12^8, 6, 4^4, 3^3, 2^5\})$	402849792
12	$\mathcal{O}(1; \{12^8, 6, 4^4, 3^6, 2\})$	3221028864
12	$\mathcal{O}(1; \{12^8, 6, 4^6, 2^6\})$	200540160

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^8, 6, 4^6, 3^3, 2^2\})$	1611399168
12	$\mathcal{O}(1; \{12^8, 6, 4^8, 2^3\})$	802160640
12	$\mathcal{O}(1; \{12^8, 6, 4^{10}\})$	3208642560
12	$\mathcal{O}(1; \{12^8, 6^2, 3, 2^{12}\})$	12570624
12	$\mathcal{O}(1; \{12^8, 6^2, 3^4, 2^8\})$	100675584
12	$\mathcal{O}(1; \{12^8, 6^2, 3^7, 2^4\})$	805294080
12	$\mathcal{O}(1; \{12^8, 6^2, 3^{10}\})$	6442463232
12	$\mathcal{O}(1; \{12^8, 6^2, 4^2, 3, 2^9\})$	50282496
12	$\mathcal{O}(1; \{12^8, 6^2, 4^2, 3^4, 2^5\})$	402702336
12	$\mathcal{O}(1; \{12^8, 6^2, 4^2, 3^7, 2\})$	3221176320
12	$\mathcal{O}(1; \{12^8, 6^2, 4^4, 3, 2^6\})$	201129984
12	$\mathcal{O}(1; \{12^8, 6^2, 4^4, 3^4, 2^2\})$	1610809344
12	$\mathcal{O}(1; \{12^8, 6^2, 4^6, 3, 2^3\})$	804519936
12	$\mathcal{O}(1; \{12^8, 6^2, 4^8, 3\})$	3218079744
12	$\mathcal{O}(1; \{12^8, 6^3, 3^2, 2^9\})$	50319360
12	$\mathcal{O}(1; \{12^8, 6^3, 3^5, 2^5\})$	402665472
12	$\mathcal{O}(1; \{12^8, 6^3, 3^8, 2\})$	3221213184
12	$\mathcal{O}(1; \{12^8, 6^3, 4^2, 3^2, 2^6\})$	201277440
12	$\mathcal{O}(1; \{12^8, 6^3, 4^2, 3^5, 2^2\})$	1610661888
12	$\mathcal{O}(1; \{12^8, 6^3, 4^4, 3^2, 2^3\})$	805109760
12	$\mathcal{O}(1; \{12^8, 6^3, 4^6, 3^2\})$	3220439040
12	$\mathcal{O}(1; \{12^8, 6^4, 2^{10}\})$	25178112
12	$\mathcal{O}(1; \{12^8, 6^4, 3^3, 2^6\})$	201314304
12	$\mathcal{O}(1; \{12^8, 6^4, 3^6, 2^2\})$	1610625024
12	$\mathcal{O}(1; \{12^8, 6^4, 4^2, 2^7\})$	100712448
12	$\mathcal{O}(1; \{12^8, 6^4, 4^2, 3^3, 2^3\})$	805257216
12	$\mathcal{O}(1; \{12^8, 6^4, 4^4, 2^4\})$	402849792
12	$\mathcal{O}(1; \{12^8, 6^4, 4^4, 3^3\})$	3221028864
12	$\mathcal{O}(1; \{12^8, 6^4, 4^6, 2\})$	1611399168
12	$\mathcal{O}(1; \{12^8, 6^5, 3, 2^7\})$	100675584
12	$\mathcal{O}(1; \{12^8, 6^5, 3^4, 2^3\})$	805294080
12	$\mathcal{O}(1; \{12^8, 6^5, 4^2, 3, 2^4\})$	402702336
12	$\mathcal{O}(1; \{12^8, 6^5, 4^2, 3^4\})$	3221176320
12	$\mathcal{O}(1; \{12^8, 6^5, 4^4, 3, 2\})$	1610809344
12	$\mathcal{O}(1; \{12^8, 6^6, 3^2, 2^4\})$	402665472
12	$\mathcal{O}(1; \{12^8, 6^6, 3^5\})$	3221213184
12	$\mathcal{O}(1; \{12^8, 6^6, 4^2, 3^2, 2\})$	1610661888
12	$\mathcal{O}(1; \{12^8, 6^7, 2^5\})$	201314304
12	$\mathcal{O}(1; \{12^8, 6^7, 3^3, 2\})$	1610625024
12	$\mathcal{O}(1; \{12^8, 6^7, 4^2, 2^2\})$	805257216
12	$\mathcal{O}(1; \{12^8, 6^8, 3, 2^2\})$	805294080
12	$\mathcal{O}(1; \{12^8, 6^{10}\})$	1610625024
12	$\mathcal{O}(1; \{12^9, 4, 3, 2^{12}\})$	25214976

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^9, 4, 3^4, 2^8\})$	201277440
12	$\mathcal{O}(1; \{12^9, 4, 3^7, 2^4\})$	1610661888
12	$\mathcal{O}(1; \{12^9, 4, 3^{10}\})$	12884852736
12	$\mathcal{O}(1; \{12^9, 4^3, 3, 2^9\})$	100859904
12	$\mathcal{O}(1; \{12^9, 4^3, 3^4, 2^5\})$	805109760
12	$\mathcal{O}(1; \{12^9, 4^3, 3^7, 2\})$	6442647552
12	$\mathcal{O}(1; \{12^9, 4^5, 3, 2^6\})$	403439616
12	$\mathcal{O}(1; \{12^9, 4^5, 3^4, 2^2\})$	3220439040
12	$\mathcal{O}(1; \{12^9, 4^7, 3, 2^3\})$	1613758464
12	$\mathcal{O}(1; \{12^9, 4^9, 3\})$	6455033856
12	$\mathcal{O}(1; \{12^9, 6, 4, 3^2, 2^9\})$	100712448
12	$\mathcal{O}(1; \{12^9, 6, 4, 3^5, 2^5\})$	805257216
12	$\mathcal{O}(1; \{12^9, 6, 4, 3^8, 2\})$	6442500096
12	$\mathcal{O}(1; \{12^9, 6, 4^3, 3^2, 2^6\})$	402849792
12	$\mathcal{O}(1; \{12^9, 6, 4^3, 3^5, 2^2\})$	3221028864
12	$\mathcal{O}(1; \{12^9, 6, 4^5, 3^2, 2^3\})$	1611399168
12	$\mathcal{O}(1; \{12^9, 6, 4^7, 3^2\})$	6445596672
12	$\mathcal{O}(1; \{12^9, 6^2, 4, 2^{10}\})$	50282496
12	$\mathcal{O}(1; \{12^9, 6^2, 4, 3^3, 2^6\})$	402702336
12	$\mathcal{O}(1; \{12^9, 6^2, 4, 3^6, 2^2\})$	3221176320
12	$\mathcal{O}(1; \{12^9, 6^2, 4^3, 2^7\})$	201129984
12	$\mathcal{O}(1; \{12^9, 6^2, 4^3, 3^3, 2^3\})$	1610809344
12	$\mathcal{O}(1; \{12^9, 6^2, 4^5, 2^4\})$	804519936
12	$\mathcal{O}(1; \{12^9, 6^2, 4^5, 3^3\})$	6443237376
12	$\mathcal{O}(1; \{12^9, 6^2, 4^7, 2\})$	3218079744
12	$\mathcal{O}(1; \{12^9, 6^3, 4, 3, 2^7\})$	201277440
12	$\mathcal{O}(1; \{12^9, 6^3, 4, 3^4, 2^3\})$	1610661888
12	$\mathcal{O}(1; \{12^9, 6^3, 4^3, 3, 2^4\})$	805109760
12	$\mathcal{O}(1; \{12^9, 6^3, 4^3, 3^4\})$	6442647552
12	$\mathcal{O}(1; \{12^9, 6^3, 4^5, 3, 2\})$	3220439040
12	$\mathcal{O}(1; \{12^9, 6^4, 4, 3^2, 2^4\})$	805257216
12	$\mathcal{O}(1; \{12^9, 6^4, 4, 3^5\})$	6442500096
12	$\mathcal{O}(1; \{12^9, 6^4, 4^3, 3^2, 2\})$	3221028864
12	$\mathcal{O}(1; \{12^9, 6^5, 4, 2^5\})$	402702336
12	$\mathcal{O}(1; \{12^9, 6^5, 4, 3^3, 2\})$	3221176320
12	$\mathcal{O}(1; \{12^9, 6^5, 4^3, 2^2\})$	1610809344
12	$\mathcal{O}(1; \{12^9, 6^6, 4, 3, 2^2\})$	1610661888
12	$\mathcal{O}(1; \{12^9, 6^8, 4\})$	3221176320
12	$\mathcal{O}(1; \{12^{10}, 2^{13}\})$	25214976
12	$\mathcal{O}(1; \{12^{10}, 3^3, 2^9\})$	201277440
12	$\mathcal{O}(1; \{12^{10}, 3^6, 2^5\})$	1610661888
12	$\mathcal{O}(1; \{12^{10}, 3^9, 2\})$	12884852736
12	$\mathcal{O}(1; \{12^{10}, 4^2, 2^{10}\})$	100859904

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^{10}, 4^2, 3^3, 2^6\})$	805109760
12	$\mathcal{O}(1; \{12^{10}, 4^2, 3^6, 2^2\})$	6442647552
12	$\mathcal{O}(1; \{12^{10}, 4^4, 2^7\})$	403439616
12	$\mathcal{O}(1; \{12^{10}, 4^4, 3^3, 2^3\})$	3220439040
12	$\mathcal{O}(1; \{12^{10}, 4^6, 2^4\})$	1613758464
12	$\mathcal{O}(1; \{12^{10}, 4^6, 3^3\})$	12881756160
12	$\mathcal{O}(1; \{12^{10}, 4^8, 2\})$	6455033856
12	$\mathcal{O}(1; \{12^{10}, 6, 3, 2^{10}\})$	100712448
12	$\mathcal{O}(1; \{12^{10}, 6, 3^4, 2^6\})$	805257216
12	$\mathcal{O}(1; \{12^{10}, 6, 3^7, 2^2\})$	6442500096
12	$\mathcal{O}(1; \{12^{10}, 6, 4^2, 3, 2^7\})$	402849792
12	$\mathcal{O}(1; \{12^{10}, 6, 4^2, 3^4, 2^3\})$	3221028864
12	$\mathcal{O}(1; \{12^{10}, 6, 4^4, 3, 2^4\})$	1611399168
12	$\mathcal{O}(1; \{12^{10}, 6, 4^4, 3^4\})$	12884115456
12	$\mathcal{O}(1; \{12^{10}, 6, 4^6, 3, 2\})$	6445596672
12	$\mathcal{O}(1; \{12^{10}, 6^2, 3^2, 2^7\})$	402702336
12	$\mathcal{O}(1; \{12^{10}, 6^2, 3^5, 2^3\})$	3221176320
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^2, 3^2, 2^4\})$	1610809344
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^2, 3^5\})$	12884705280
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^4, 3^2, 2\})$	6443237376
12	$\mathcal{O}(1; \{12^{10}, 6^3, 2^8\})$	201277440
12	$\mathcal{O}(1; \{12^{10}, 6^3, 3^3, 2^4\})$	1610661888
12	$\mathcal{O}(1; \{12^{10}, 6^3, 3^6\})$	12884852736
12	$\mathcal{O}(1; \{12^{10}, 6^3, 4^2, 2^5\})$	805109760
12	$\mathcal{O}(1; \{12^{10}, 6^3, 4^2, 3^3, 2\})$	6442647552
12	$\mathcal{O}(1; \{12^{10}, 6^3, 4^4, 2^2\})$	3220439040
12	$\mathcal{O}(1; \{12^{10}, 6^4, 3, 2^5\})$	805257216
12	$\mathcal{O}(1; \{12^{10}, 6^4, 3^4, 2\})$	6442500096
12	$\mathcal{O}(1; \{12^{10}, 6^4, 4^2, 3, 2^2\})$	3221028864
12	$\mathcal{O}(1; \{12^{10}, 6^5, 3^2, 2^2\})$	3221176320
12	$\mathcal{O}(1; \{12^{10}, 6^6, 2^3\})$	1610661888
12	$\mathcal{O}(1; \{12^{10}, 6^6, 4^2\})$	6442647552
12	$\mathcal{O}(1; \{12^{10}, 6^7, 3\})$	6442500096
12	$\mathcal{O}(1; \{12^{11}, 4, 3^2, 2^7\})$	805109760
12	$\mathcal{O}(1; \{12^{11}, 4, 3^5, 2^3\})$	6442647552
12	$\mathcal{O}(1; \{12^{11}, 4^3, 3^2, 2^4\})$	3220439040
12	$\mathcal{O}(1; \{12^{11}, 4^3, 3^5\})$	25770590208
12	$\mathcal{O}(1; \{12^{11}, 4^5, 3^2, 2\})$	12881756160
12	$\mathcal{O}(1; \{12^{11}, 6, 4, 2^8\})$	402849792
12	$\mathcal{O}(1; \{12^{11}, 6, 4, 3^3, 2^4\})$	3221028864
12	$\mathcal{O}(1; \{12^{11}, 6, 4, 3^6\})$	25770000384
12	$\mathcal{O}(1; \{12^{11}, 6, 4^3, 2^5\})$	1611399168
12	$\mathcal{O}(1; \{12^{11}, 6, 4^3, 3^3, 2\})$	12884115456

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^{11}, 6, 4^5, 2^2\})$	6445596672
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4, 3, 2^5\})$	1610809344
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4, 3^4, 2\})$	12884705280
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4^3, 3, 2^2\})$	6443237376
12	$\mathcal{O}(1; \{12^{11}, 6^3, 4, 3^2, 2^2\})$	6442647552
12	$\mathcal{O}(1; \{12^{11}, 6^4, 4, 2^3\})$	3221028864
12	$\mathcal{O}(1; \{12^{11}, 6^4, 4^3\})$	12884115456
12	$\mathcal{O}(1; \{12^{11}, 6^5, 4, 3\})$	12884705280
12	$\mathcal{O}(1; \{12^{12}, 3, 2^8\})$	805109760
12	$\mathcal{O}(1; \{12^{12}, 3^4, 2^4\})$	6442647552
12	$\mathcal{O}(1; \{12^{12}, 3^7\})$	51539410944
12	$\mathcal{O}(1; \{12^{12}, 4^2, 3, 2^5\})$	3220439040
12	$\mathcal{O}(1; \{12^{12}, 4^2, 3^4, 2\})$	25770590208
12	$\mathcal{O}(1; \{12^{12}, 4^4, 3, 2^2\})$	12881756160
12	$\mathcal{O}(1; \{12^{12}, 6, 3^2, 2^5\})$	3221028864
12	$\mathcal{O}(1; \{12^{12}, 6, 3^5, 2\})$	25770000384
12	$\mathcal{O}(1; \{12^{12}, 6, 4^2, 3^2, 2^2\})$	12884115456
12	$\mathcal{O}(1; \{12^{12}, 6^2, 2^6\})$	1610809344
12	$\mathcal{O}(1; \{12^{12}, 6^2, 3^3, 2^2\})$	12884705280
12	$\mathcal{O}(1; \{12^{12}, 6^2, 4^2, 2^3\})$	6443237376
12	$\mathcal{O}(1; \{12^{12}, 6^2, 4^4\})$	25772949504
12	$\mathcal{O}(1; \{12^{12}, 6^3, 3, 2^3\})$	6442647552
12	$\mathcal{O}(1; \{12^{12}, 6^3, 4^2, 3\})$	25770590208
12	$\mathcal{O}(1; \{12^{12}, 6^4, 3^2\})$	25770000384
12	$\mathcal{O}(1; \{12^{12}, 6^5, 2\})$	12884705280
12	$\mathcal{O}(1; \{12^{13}, 4, 2^6\})$	3220439040
12	$\mathcal{O}(1; \{12^{13}, 4, 3^3, 2^2\})$	25770590208
12	$\mathcal{O}(1; \{12^{13}, 4^3, 2^3\})$	12881756160
12	$\mathcal{O}(1; \{12^{13}, 4^5\})$	51527024640
12	$\mathcal{O}(1; \{12^{13}, 6, 4, 3, 2^3\})$	12884115456
12	$\mathcal{O}(1; \{12^{13}, 6, 4^3, 3\})$	51536461824
12	$\mathcal{O}(1; \{12^{13}, 6^2, 4, 3^2\})$	51538821120
12	$\mathcal{O}(1; \{12^{13}, 6^3, 4, 2\})$	25770590208
12	$\mathcal{O}(1; \{12^{14}, 3^2, 2^3\})$	25770590208
12	$\mathcal{O}(1; \{12^{14}, 4^2, 3^2\})$	103082360832
12	$\mathcal{O}(1; \{12^{14}, 6, 2^4\})$	12884115456
12	$\mathcal{O}(1; \{12^{14}, 6, 3^3\})$	103080001536
12	$\mathcal{O}(1; \{12^{14}, 6, 4^2, 2\})$	51536461824
12	$\mathcal{O}(1; \{12^{14}, 6^2, 3, 2\})$	51538821120
12	$\mathcal{O}(1; \{12^{15}, 4, 3, 2\})$	103082360832
12	$\mathcal{O}(1; \{12^{16}, 2^2\})$	103082360832
12	$\mathcal{O}(0; \{4^2, 3^4, 2^{27}\})$	12
12	$\mathcal{O}(0; \{4^2, 3^7, 2^{23}\})$	84

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{4^2, 3^{10}, 2^{19}\})$	684
12	$\mathcal{O}(0; \{4^2, 3^{13}, 2^{15}\})$	5460
12	$\mathcal{O}(0; \{4^2, 3^{16}, 2^{11}\})$	43692
12	$\mathcal{O}(0; \{4^2, 3^{19}, 2^7\})$	349524
12	$\mathcal{O}(0; \{4^2, 3^{22}, 2^3\})$	2796204
12	$\mathcal{O}(0; \{4^4, 3^4, 2^{24}\})$	48
12	$\mathcal{O}(0; \{4^4, 3^7, 2^{20}\})$	336
12	$\mathcal{O}(0; \{4^4, 3^{10}, 2^{16}\})$	2736
12	$\mathcal{O}(0; \{4^4, 3^{13}, 2^{12}\})$	21840
12	$\mathcal{O}(0; \{4^4, 3^{16}, 2^8\})$	174768
12	$\mathcal{O}(0; \{4^4, 3^{19}, 2^4\})$	1398096
12	$\mathcal{O}(0; \{4^4, 3^{22}\})$	11184816
12	$\mathcal{O}(0; \{4^6, 3^4, 2^{21}\})$	192
12	$\mathcal{O}(0; \{4^6, 3^7, 2^{17}\})$	1344
12	$\mathcal{O}(0; \{4^6, 3^{10}, 2^{13}\})$	10944
12	$\mathcal{O}(0; \{4^6, 3^{13}, 2^9\})$	87360
12	$\mathcal{O}(0; \{4^6, 3^{16}, 2^5\})$	699072
12	$\mathcal{O}(0; \{4^6, 3^{19}, 2\})$	5592384
12	$\mathcal{O}(0; \{4^8, 3^4, 2^{18}\})$	768
12	$\mathcal{O}(0; \{4^8, 3^7, 2^{14}\})$	5376
12	$\mathcal{O}(0; \{4^8, 3^{10}, 2^{10}\})$	43776
12	$\mathcal{O}(0; \{4^8, 3^{13}, 2^6\})$	349440
12	$\mathcal{O}(0; \{4^8, 3^{16}, 2^2\})$	2796288
12	$\mathcal{O}(0; \{4^{10}, 3^4, 2^{15}\})$	3072
12	$\mathcal{O}(0; \{4^{10}, 3^7, 2^{11}\})$	21504
12	$\mathcal{O}(0; \{4^{10}, 3^{10}, 2^7\})$	175104
12	$\mathcal{O}(0; \{4^{10}, 3^{13}, 2^3\})$	1397760
12	$\mathcal{O}(0; \{4^{12}, 3^4, 2^{12}\})$	12288
12	$\mathcal{O}(0; \{4^{12}, 3^7, 2^8\})$	86016
12	$\mathcal{O}(0; \{4^{12}, 3^{10}, 2^4\})$	700416
12	$\mathcal{O}(0; \{4^{12}, 3^{13}\})$	5591040
12	$\mathcal{O}(0; \{4^{14}, 3^4, 2^9\})$	49152
12	$\mathcal{O}(0; \{4^{14}, 3^7, 2^5\})$	344064
12	$\mathcal{O}(0; \{4^{14}, 3^{10}, 2\})$	2801664
12	$\mathcal{O}(0; \{4^{16}, 3^4, 2^6\})$	196608
12	$\mathcal{O}(0; \{4^{16}, 3^7, 2^2\})$	1376256
12	$\mathcal{O}(0; \{4^{18}, 3^4, 2^3\})$	786432
12	$\mathcal{O}(0; \{4^{20}, 3^4\})$	3145728
12	$\mathcal{O}(0; \{6, 4^2, 3^2, 2^{28}\})$	4
12	$\mathcal{O}(0; \{6, 4^2, 3^5, 2^{24}\})$	44
12	$\mathcal{O}(0; \{6, 4^2, 3^8, 2^{20}\})$	340
12	$\mathcal{O}(0; \{6, 4^2, 3^{11}, 2^{16}\})$	2732
12	$\mathcal{O}(0; \{6, 4^2, 3^{14}, 2^{12}\})$	21844

Continued on next page

Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6, 4^2, 3^{17}, 2^8\})$	174764
12	$\mathcal{O}(0; \{6, 4^2, 3^{20}, 2^4\})$	1398100
12	$\mathcal{O}(0; \{6, 4^2, 3^{23}\})$	11184812
12	$\mathcal{O}(0; \{6, 4^4, 3^2, 2^{25}\})$	16
12	$\mathcal{O}(0; \{6, 4^4, 3^5, 2^{21}\})$	176
12	$\mathcal{O}(0; \{6, 4^4, 3^8, 2^{17}\})$	1360
12	$\mathcal{O}(0; \{6, 4^4, 3^{11}, 2^{13}\})$	10928
12	$\mathcal{O}(0; \{6, 4^4, 3^{14}, 2^9\})$	87376
12	$\mathcal{O}(0; \{6, 4^4, 3^{17}, 2^5\})$	699056
12	$\mathcal{O}(0; \{6, 4^4, 3^{20}, 2\})$	5592400
12	$\mathcal{O}(0; \{6, 4^6, 3^2, 2^{22}\})$	64
12	$\mathcal{O}(0; \{6, 4^6, 3^5, 2^{18}\})$	704
12	$\mathcal{O}(0; \{6, 4^6, 3^8, 2^{14}\})$	5440
12	$\mathcal{O}(0; \{6, 4^6, 3^{11}, 2^{10}\})$	43712
12	$\mathcal{O}(0; \{6, 4^6, 3^{14}, 2^6\})$	349504
12	$\mathcal{O}(0; \{6, 4^6, 3^{17}, 2^2\})$	2796224
12	$\mathcal{O}(0; \{6, 4^8, 3^2, 2^{19}\})$	256
12	$\mathcal{O}(0; \{6, 4^8, 3^5, 2^{15}\})$	2816
12	$\mathcal{O}(0; \{6, 4^8, 3^8, 2^{11}\})$	21760
12	$\mathcal{O}(0; \{6, 4^8, 3^{11}, 2^7\})$	174848
12	$\mathcal{O}(0; \{6, 4^8, 3^{14}, 2^3\})$	1398016
12	$\mathcal{O}(0; \{6, 4^{10}, 3^2, 2^{16}\})$	1024
12	$\mathcal{O}(0; \{6, 4^{10}, 3^5, 2^{12}\})$	11264
12	$\mathcal{O}(0; \{6, 4^{10}, 3^8, 2^8\})$	87040
12	$\mathcal{O}(0; \{6, 4^{10}, 3^{11}, 2^4\})$	699392
12	$\mathcal{O}(0; \{6, 4^{10}, 3^{14}\})$	5592064
12	$\mathcal{O}(0; \{6, 4^{12}, 3^2, 2^{13}\})$	4096
12	$\mathcal{O}(0; \{6, 4^{12}, 3^5, 2^9\})$	45056
12	$\mathcal{O}(0; \{6, 4^{12}, 3^8, 2^5\})$	348160
12	$\mathcal{O}(0; \{6, 4^{12}, 3^{11}, 2\})$	2797568
12	$\mathcal{O}(0; \{6, 4^{14}, 3^2, 2^{10}\})$	16384
12	$\mathcal{O}(0; \{6, 4^{14}, 3^5, 2^6\})$	180224
12	$\mathcal{O}(0; \{6, 4^{14}, 3^8, 2^2\})$	1392640
12	$\mathcal{O}(0; \{6, 4^{16}, 3^2, 2^7\})$	65536
12	$\mathcal{O}(0; \{6, 4^{16}, 3^5, 2^3\})$	720896
12	$\mathcal{O}(0; \{6, 4^{18}, 3^2, 2^4\})$	262144
12	$\mathcal{O}(0; \{6, 4^{18}, 3^5\})$	2883584
12	$\mathcal{O}(0; \{6, 4^{20}, 3^2, 2\})$	1048576
12	$\mathcal{O}(0; \{6^2, 4^2, 2^{29}\})$	4
12	$\mathcal{O}(0; \{6^2, 4^2, 3^3, 2^{25}\})$	20
12	$\mathcal{O}(0; \{6^2, 4^2, 3^6, 2^{21}\})$	172
12	$\mathcal{O}(0; \{6^2, 4^2, 3^9, 2^{17}\})$	1364
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{12}, 2^{13}\})$	10924

Continued on next page

Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{15}, 2^9\})$	87380
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{18}, 2^5\})$	699052
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{21}, 2\})$	5592404
12	$\mathcal{O}(0; \{6^2, 4^4, 2^{26}\})$	16
12	$\mathcal{O}(0; \{6^2, 4^4, 3^3, 2^{22}\})$	80
12	$\mathcal{O}(0; \{6^2, 4^4, 3^6, 2^{18}\})$	688
12	$\mathcal{O}(0; \{6^2, 4^4, 3^9, 2^{14}\})$	5456
12	$\mathcal{O}(0; \{6^2, 4^4, 3^{12}, 2^{10}\})$	43696
12	$\mathcal{O}(0; \{6^2, 4^4, 3^{15}, 2^6\})$	349520
12	$\mathcal{O}(0; \{6^2, 4^4, 3^{18}, 2^2\})$	2796208
12	$\mathcal{O}(0; \{6^2, 4^6, 2^{23}\})$	64
12	$\mathcal{O}(0; \{6^2, 4^6, 3^3, 2^{19}\})$	320
12	$\mathcal{O}(0; \{6^2, 4^6, 3^6, 2^{15}\})$	2752
12	$\mathcal{O}(0; \{6^2, 4^6, 3^9, 2^{11}\})$	21824
12	$\mathcal{O}(0; \{6^2, 4^6, 3^{12}, 2^7\})$	174784
12	$\mathcal{O}(0; \{6^2, 4^6, 3^{15}, 2^3\})$	1398080
12	$\mathcal{O}(0; \{6^2, 4^8, 2^{20}\})$	256
12	$\mathcal{O}(0; \{6^2, 4^8, 3^3, 2^{16}\})$	1280
12	$\mathcal{O}(0; \{6^2, 4^8, 3^6, 2^{12}\})$	11008
12	$\mathcal{O}(0; \{6^2, 4^8, 3^9, 2^8\})$	87296
12	$\mathcal{O}(0; \{6^2, 4^8, 3^{12}, 2^4\})$	699136
12	$\mathcal{O}(0; \{6^2, 4^8, 3^{15}\})$	5592320
12	$\mathcal{O}(0; \{6^2, 4^{10}, 2^{17}\})$	1024
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^3, 2^{13}\})$	5120
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^6, 2^9\})$	44032
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^9, 2^5\})$	349184
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^{12}, 2\})$	2796544
12	$\mathcal{O}(0; \{6^2, 4^{12}, 2^{14}\})$	4096
12	$\mathcal{O}(0; \{6^2, 4^{12}, 3^3, 2^{10}\})$	20480
12	$\mathcal{O}(0; \{6^2, 4^{12}, 3^6, 2^6\})$	176128
12	$\mathcal{O}(0; \{6^2, 4^{12}, 3^9, 2^2\})$	1396736
12	$\mathcal{O}(0; \{6^2, 4^{14}, 2^{11}\})$	16384
12	$\mathcal{O}(0; \{6^2, 4^{14}, 3^3, 2^7\})$	81920
12	$\mathcal{O}(0; \{6^2, 4^{14}, 3^6, 2^3\})$	704512
12	$\mathcal{O}(0; \{6^2, 4^{16}, 2^8\})$	65536
12	$\mathcal{O}(0; \{6^2, 4^{16}, 3^3, 2^4\})$	327680
12	$\mathcal{O}(0; \{6^2, 4^{16}, 3^6\})$	2818048
12	$\mathcal{O}(0; \{6^2, 4^{18}, 2^5\})$	262144
12	$\mathcal{O}(0; \{6^2, 4^{18}, 3^3, 2\})$	1310720
12	$\mathcal{O}(0; \{6^2, 4^{20}, 2^2\})$	1048576
12	$\mathcal{O}(0; \{6^3, 4^2, 3, 2^{26}\})$	12
12	$\mathcal{O}(0; \{6^3, 4^2, 3^4, 2^{22}\})$	84
12	$\mathcal{O}(0; \{6^3, 4^2, 3^7, 2^{18}\})$	684

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{10}, 2^{14}\})$	5460
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{13}, 2^{10}\})$	43692
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{16}, 2^6\})$	349524
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{19}, 2^2\})$	2796204
12	$\mathcal{O}(0; \{6^3, 4^4, 3, 2^{23}\})$	48
12	$\mathcal{O}(0; \{6^3, 4^4, 3^4, 2^{19}\})$	336
12	$\mathcal{O}(0; \{6^3, 4^4, 3^7, 2^{15}\})$	2736
12	$\mathcal{O}(0; \{6^3, 4^4, 3^{10}, 2^{11}\})$	21840
12	$\mathcal{O}(0; \{6^3, 4^4, 3^{13}, 2^7\})$	174768
12	$\mathcal{O}(0; \{6^3, 4^4, 3^{16}, 2^3\})$	1398096
12	$\mathcal{O}(0; \{6^3, 4^6, 3, 2^{20}\})$	192
12	$\mathcal{O}(0; \{6^3, 4^6, 3^4, 2^{16}\})$	1344
12	$\mathcal{O}(0; \{6^3, 4^6, 3^7, 2^{12}\})$	10944
12	$\mathcal{O}(0; \{6^3, 4^6, 3^{10}, 2^8\})$	87360
12	$\mathcal{O}(0; \{6^3, 4^6, 3^{13}, 2^4\})$	699072
12	$\mathcal{O}(0; \{6^3, 4^6, 3^{16}\})$	5592384
12	$\mathcal{O}(0; \{6^3, 4^8, 3, 2^{17}\})$	768
12	$\mathcal{O}(0; \{6^3, 4^8, 3^4, 2^{13}\})$	5376
12	$\mathcal{O}(0; \{6^3, 4^8, 3^7, 2^9\})$	43776
12	$\mathcal{O}(0; \{6^3, 4^8, 3^{10}, 2^5\})$	349440
12	$\mathcal{O}(0; \{6^3, 4^8, 3^{13}, 2\})$	2796288
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3, 2^{14}\})$	3072
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3^4, 2^{10}\})$	21504
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3^7, 2^6\})$	175104
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3^{10}, 2^2\})$	1397760
12	$\mathcal{O}(0; \{6^3, 4^{12}, 3, 2^{11}\})$	12288
12	$\mathcal{O}(0; \{6^3, 4^{12}, 3^4, 2^7\})$	86016
12	$\mathcal{O}(0; \{6^3, 4^{12}, 3^7, 2^3\})$	700416
12	$\mathcal{O}(0; \{6^3, 4^{14}, 3, 2^8\})$	49152
12	$\mathcal{O}(0; \{6^3, 4^{14}, 3^4, 2^4\})$	344064
12	$\mathcal{O}(0; \{6^3, 4^{14}, 3^7\})$	2801664
12	$\mathcal{O}(0; \{6^3, 4^{16}, 3, 2^5\})$	196608
12	$\mathcal{O}(0; \{6^3, 4^{16}, 3^4, 2\})$	1376256
12	$\mathcal{O}(0; \{6^3, 4^{18}, 3, 2^2\})$	786432
12	$\mathcal{O}(0; \{6^4, 4^2, 3^2, 2^{23}\})$	44
12	$\mathcal{O}(0; \{6^4, 4^2, 3^5, 2^{19}\})$	340
12	$\mathcal{O}(0; \{6^4, 4^2, 3^8, 2^{15}\})$	2732
12	$\mathcal{O}(0; \{6^4, 4^2, 3^{11}, 2^{11}\})$	21844
12	$\mathcal{O}(0; \{6^4, 4^2, 3^{14}, 2^7\})$	174764
12	$\mathcal{O}(0; \{6^4, 4^2, 3^{17}, 2^3\})$	1398100
12	$\mathcal{O}(0; \{6^4, 4^4, 3^2, 2^{20}\})$	176
12	$\mathcal{O}(0; \{6^4, 4^4, 3^5, 2^{16}\})$	1360
12	$\mathcal{O}(0; \{6^4, 4^4, 3^8, 2^{12}\})$	10928

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^4, 4^4, 3^{11}, 2^8\})$	87376
12	$\mathcal{O}(0; \{6^4, 4^4, 3^{14}, 2^4\})$	699056
12	$\mathcal{O}(0; \{6^4, 4^4, 3^{17}\})$	5592400
12	$\mathcal{O}(0; \{6^4, 4^6, 3^2, 2^{17}\})$	704
12	$\mathcal{O}(0; \{6^4, 4^6, 3^5, 2^{13}\})$	5440
12	$\mathcal{O}(0; \{6^4, 4^6, 3^8, 2^9\})$	43712
12	$\mathcal{O}(0; \{6^4, 4^6, 3^{11}, 2^5\})$	349504
12	$\mathcal{O}(0; \{6^4, 4^6, 3^{14}, 2\})$	2796224
12	$\mathcal{O}(0; \{6^4, 4^8, 3^2, 2^{14}\})$	2816
12	$\mathcal{O}(0; \{6^4, 4^8, 3^5, 2^{10}\})$	21760
12	$\mathcal{O}(0; \{6^4, 4^8, 3^8, 2^6\})$	174848
12	$\mathcal{O}(0; \{6^4, 4^8, 3^{11}, 2^2\})$	1398016
12	$\mathcal{O}(0; \{6^4, 4^{10}, 3^2, 2^{11}\})$	11264
12	$\mathcal{O}(0; \{6^4, 4^{10}, 3^5, 2^7\})$	87040
12	$\mathcal{O}(0; \{6^4, 4^{10}, 3^8, 2^3\})$	699392
12	$\mathcal{O}(0; \{6^4, 4^{12}, 3^2, 2^8\})$	45056
12	$\mathcal{O}(0; \{6^4, 4^{12}, 3^5, 2^4\})$	348160
12	$\mathcal{O}(0; \{6^4, 4^{12}, 3^8\})$	2797568
12	$\mathcal{O}(0; \{6^4, 4^{14}, 3^2, 2^5\})$	180224
12	$\mathcal{O}(0; \{6^4, 4^{14}, 3^5, 2\})$	1392640
12	$\mathcal{O}(0; \{6^4, 4^{16}, 3^2, 2^2\})$	720896
12	$\mathcal{O}(0; \{6^5, 4^2, 2^{24}\})$	20
12	$\mathcal{O}(0; \{6^5, 4^2, 3^3, 2^{20}\})$	172
12	$\mathcal{O}(0; \{6^5, 4^2, 3^6, 2^{16}\})$	1364
12	$\mathcal{O}(0; \{6^5, 4^2, 3^9, 2^{12}\})$	10924
12	$\mathcal{O}(0; \{6^5, 4^2, 3^{12}, 2^8\})$	87380
12	$\mathcal{O}(0; \{6^5, 4^2, 3^{15}, 2^4\})$	699052
12	$\mathcal{O}(0; \{6^5, 4^2, 3^{18}\})$	5592404
12	$\mathcal{O}(0; \{6^5, 4^4, 2^{21}\})$	80
12	$\mathcal{O}(0; \{6^5, 4^4, 3^3, 2^{17}\})$	688
12	$\mathcal{O}(0; \{6^5, 4^4, 3^6, 2^{13}\})$	5456
12	$\mathcal{O}(0; \{6^5, 4^4, 3^9, 2^9\})$	43696
12	$\mathcal{O}(0; \{6^5, 4^4, 3^{12}, 2^5\})$	349520
12	$\mathcal{O}(0; \{6^5, 4^4, 3^{15}, 2\})$	2796208
12	$\mathcal{O}(0; \{6^5, 4^6, 2^{18}\})$	320
12	$\mathcal{O}(0; \{6^5, 4^6, 3^3, 2^{14}\})$	2752
12	$\mathcal{O}(0; \{6^5, 4^6, 3^6, 2^{10}\})$	21824
12	$\mathcal{O}(0; \{6^5, 4^6, 3^9, 2^6\})$	174784
12	$\mathcal{O}(0; \{6^5, 4^6, 3^{12}, 2^2\})$	1398080
12	$\mathcal{O}(0; \{6^5, 4^8, 2^{15}\})$	1280
12	$\mathcal{O}(0; \{6^5, 4^8, 3^3, 2^{11}\})$	11008
12	$\mathcal{O}(0; \{6^5, 4^8, 3^6, 2^7\})$	87296
12	$\mathcal{O}(0; \{6^5, 4^8, 3^9, 2^3\})$	699136

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^5, 4^{10}, 2^{12}\})$	5120
12	$\mathcal{O}(0; \{6^5, 4^{10}, 3^3, 2^8\})$	44032
12	$\mathcal{O}(0; \{6^5, 4^{10}, 3^6, 2^4\})$	349184
12	$\mathcal{O}(0; \{6^5, 4^{10}, 3^9\})$	2796544
12	$\mathcal{O}(0; \{6^5, 4^{12}, 2^9\})$	20480
12	$\mathcal{O}(0; \{6^5, 4^{12}, 3^3, 2^5\})$	176128
12	$\mathcal{O}(0; \{6^5, 4^{12}, 3^6, 2\})$	1396736
12	$\mathcal{O}(0; \{6^5, 4^{14}, 2^6\})$	81920
12	$\mathcal{O}(0; \{6^5, 4^{14}, 3^3, 2^2\})$	704512
12	$\mathcal{O}(0; \{6^5, 4^{16}, 2^3\})$	327680
12	$\mathcal{O}(0; \{6^5, 4^{18}\})$	1310720
12	$\mathcal{O}(0; \{6^6, 4^2, 3, 2^{21}\})$	84
12	$\mathcal{O}(0; \{6^6, 4^2, 3^4, 2^{17}\})$	684
12	$\mathcal{O}(0; \{6^6, 4^2, 3^7, 2^{13}\})$	5460
12	$\mathcal{O}(0; \{6^6, 4^2, 3^{10}, 2^9\})$	43692
12	$\mathcal{O}(0; \{6^6, 4^2, 3^{13}, 2^5\})$	349524
12	$\mathcal{O}(0; \{6^6, 4^2, 3^{16}, 2\})$	2796204
12	$\mathcal{O}(0; \{6^6, 4^4, 3, 2^{18}\})$	336
12	$\mathcal{O}(0; \{6^6, 4^4, 3^4, 2^{14}\})$	2736
12	$\mathcal{O}(0; \{6^6, 4^4, 3^7, 2^{10}\})$	21840
12	$\mathcal{O}(0; \{6^6, 4^4, 3^{10}, 2^6\})$	174768
12	$\mathcal{O}(0; \{6^6, 4^4, 3^{13}, 2^2\})$	1398096
12	$\mathcal{O}(0; \{6^6, 4^6, 3, 2^{15}\})$	1344
12	$\mathcal{O}(0; \{6^6, 4^6, 3^4, 2^{11}\})$	10944
12	$\mathcal{O}(0; \{6^6, 4^6, 3^7, 2^7\})$	87360
12	$\mathcal{O}(0; \{6^6, 4^6, 3^{10}, 2^3\})$	699072
12	$\mathcal{O}(0; \{6^6, 4^8, 3, 2^{12}\})$	5376
12	$\mathcal{O}(0; \{6^6, 4^8, 3^4, 2^8\})$	43776
12	$\mathcal{O}(0; \{6^6, 4^8, 3^7, 2^4\})$	349440
12	$\mathcal{O}(0; \{6^6, 4^8, 3^{10}\})$	2796288
12	$\mathcal{O}(0; \{6^6, 4^{10}, 3, 2^9\})$	21504
12	$\mathcal{O}(0; \{6^6, 4^{10}, 3^4, 2^5\})$	175104
12	$\mathcal{O}(0; \{6^6, 4^{10}, 3^7, 2\})$	1397760
12	$\mathcal{O}(0; \{6^6, 4^{12}, 3, 2^6\})$	86016
12	$\mathcal{O}(0; \{6^6, 4^{12}, 3^4, 2^2\})$	700416
12	$\mathcal{O}(0; \{6^6, 4^{14}, 3, 2^3\})$	344064
12	$\mathcal{O}(0; \{6^6, 4^{16}, 3\})$	1376256
12	$\mathcal{O}(0; \{6^7, 4^2, 3^2, 2^{18}\})$	340
12	$\mathcal{O}(0; \{6^7, 4^2, 3^5, 2^{14}\})$	2732
12	$\mathcal{O}(0; \{6^7, 4^2, 3^8, 2^{10}\})$	21844
12	$\mathcal{O}(0; \{6^7, 4^2, 3^{11}, 2^6\})$	174764
12	$\mathcal{O}(0; \{6^7, 4^2, 3^{14}, 2^2\})$	1398100
12	$\mathcal{O}(0; \{6^7, 4^4, 3^2, 2^{15}\})$	1360

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^7, 4^4, 3^5, 2^{11}\})$	10928
12	$\mathcal{O}(0; \{6^7, 4^4, 3^8, 2^7\})$	87376
12	$\mathcal{O}(0; \{6^7, 4^4, 3^{11}, 2^3\})$	699056
12	$\mathcal{O}(0; \{6^7, 4^6, 3^2, 2^{12}\})$	5440
12	$\mathcal{O}(0; \{6^7, 4^6, 3^5, 2^8\})$	43712
12	$\mathcal{O}(0; \{6^7, 4^6, 3^8, 2^4\})$	349504
12	$\mathcal{O}(0; \{6^7, 4^6, 3^{11}\})$	2796224
12	$\mathcal{O}(0; \{6^7, 4^8, 3^2, 2^9\})$	21760
12	$\mathcal{O}(0; \{6^7, 4^8, 3^5, 2^5\})$	174848
12	$\mathcal{O}(0; \{6^7, 4^8, 3^8, 2\})$	1398016
12	$\mathcal{O}(0; \{6^7, 4^{10}, 3^2, 2^6\})$	87040
12	$\mathcal{O}(0; \{6^7, 4^{10}, 3^5, 2^2\})$	699392
12	$\mathcal{O}(0; \{6^7, 4^{12}, 3^2, 2^3\})$	348160
12	$\mathcal{O}(0; \{6^7, 4^{14}, 3^2\})$	1392640
12	$\mathcal{O}(0; \{6^8, 4^2, 2^{19}\})$	172
12	$\mathcal{O}(0; \{6^8, 4^2, 3^3, 2^{15}\})$	1364
12	$\mathcal{O}(0; \{6^8, 4^2, 3^6, 2^{11}\})$	10924
12	$\mathcal{O}(0; \{6^8, 4^2, 3^9, 2^7\})$	87380
12	$\mathcal{O}(0; \{6^8, 4^2, 3^{12}, 2^3\})$	699052
12	$\mathcal{O}(0; \{6^8, 4^4, 2^{16}\})$	688
12	$\mathcal{O}(0; \{6^8, 4^4, 3^3, 2^{12}\})$	5456
12	$\mathcal{O}(0; \{6^8, 4^4, 3^6, 2^8\})$	43696
12	$\mathcal{O}(0; \{6^8, 4^4, 3^9, 2^4\})$	349520
12	$\mathcal{O}(0; \{6^8, 4^4, 3^{12}\})$	2796208
12	$\mathcal{O}(0; \{6^8, 4^6, 2^{13}\})$	2752
12	$\mathcal{O}(0; \{6^8, 4^6, 3^3, 2^9\})$	21824
12	$\mathcal{O}(0; \{6^8, 4^6, 3^6, 2^5\})$	174784
12	$\mathcal{O}(0; \{6^8, 4^6, 3^9, 2\})$	1398080
12	$\mathcal{O}(0; \{6^8, 4^8, 2^{10}\})$	11008
12	$\mathcal{O}(0; \{6^8, 4^8, 3^3, 2^6\})$	87296
12	$\mathcal{O}(0; \{6^8, 4^8, 3^6, 2^2\})$	699136
12	$\mathcal{O}(0; \{6^8, 4^{10}, 2^7\})$	44032
12	$\mathcal{O}(0; \{6^8, 4^{10}, 3^3, 2^3\})$	349184
12	$\mathcal{O}(0; \{6^8, 4^{12}, 2^4\})$	176128
12	$\mathcal{O}(0; \{6^8, 4^{12}, 3^3\})$	1396736
12	$\mathcal{O}(0; \{6^8, 4^{14}, 2\})$	704512
12	$\mathcal{O}(0; \{6^9, 4^2, 3, 2^{16}\})$	684
12	$\mathcal{O}(0; \{6^9, 4^2, 3^4, 2^{12}\})$	5460
12	$\mathcal{O}(0; \{6^9, 4^2, 3^7, 2^8\})$	43692
12	$\mathcal{O}(0; \{6^9, 4^2, 3^{10}, 2^4\})$	349524
12	$\mathcal{O}(0; \{6^9, 4^2, 3^{13}\})$	2796204
12	$\mathcal{O}(0; \{6^9, 4^4, 3, 2^{13}\})$	2736
12	$\mathcal{O}(0; \{6^9, 4^4, 3^4, 2^9\})$	21840

Continued on next page

Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^9, 4^4, 3^7, 2^5\})$	174768
12	$\mathcal{O}(0; \{6^9, 4^4, 3^{10}, 2\})$	1398096
12	$\mathcal{O}(0; \{6^9, 4^6, 3, 2^{10}\})$	10944
12	$\mathcal{O}(0; \{6^9, 4^6, 3^4, 2^6\})$	87360
12	$\mathcal{O}(0; \{6^9, 4^6, 3^7, 2^2\})$	699072
12	$\mathcal{O}(0; \{6^9, 4^8, 3, 2^7\})$	43776
12	$\mathcal{O}(0; \{6^9, 4^8, 3^4, 2^3\})$	349440
12	$\mathcal{O}(0; \{6^9, 4^{10}, 3, 2^4\})$	175104
12	$\mathcal{O}(0; \{6^9, 4^{10}, 3^4\})$	1397760
12	$\mathcal{O}(0; \{6^9, 4^{12}, 3, 2\})$	700416
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^2, 2^{13}\})$	2732
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^5, 2^9\})$	21844
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^8, 2^5\})$	174764
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^{11}, 2\})$	1398100
12	$\mathcal{O}(0; \{6^{10}, 4^4, 3^2, 2^{10}\})$	10928
12	$\mathcal{O}(0; \{6^{10}, 4^4, 3^5, 2^6\})$	87376
12	$\mathcal{O}(0; \{6^{10}, 4^4, 3^8, 2^2\})$	699056
12	$\mathcal{O}(0; \{6^{10}, 4^6, 3^2, 2^7\})$	43712
12	$\mathcal{O}(0; \{6^{10}, 4^6, 3^5, 2^3\})$	349504
12	$\mathcal{O}(0; \{6^{10}, 4^8, 3^2, 2^4\})$	174848
12	$\mathcal{O}(0; \{6^{10}, 4^8, 3^5\})$	1398016
12	$\mathcal{O}(0; \{6^{10}, 4^{10}, 3^2, 2\})$	699392
12	$\mathcal{O}(0; \{6^{11}, 4^2, 2^{14}\})$	1364
12	$\mathcal{O}(0; \{6^{11}, 4^2, 3^3, 2^{10}\})$	10924
12	$\mathcal{O}(0; \{6^{11}, 4^2, 3^6, 2^6\})$	87380
12	$\mathcal{O}(0; \{6^{11}, 4^2, 3^9, 2^2\})$	699052
12	$\mathcal{O}(0; \{6^{11}, 4^4, 2^{11}\})$	5456
12	$\mathcal{O}(0; \{6^{11}, 4^4, 3^3, 2^7\})$	43696
12	$\mathcal{O}(0; \{6^{11}, 4^4, 3^6, 2^3\})$	349520
12	$\mathcal{O}(0; \{6^{11}, 4^6, 2^8\})$	21824
12	$\mathcal{O}(0; \{6^{11}, 4^6, 3^3, 2^4\})$	174784
12	$\mathcal{O}(0; \{6^{11}, 4^6, 3^6\})$	1398080
12	$\mathcal{O}(0; \{6^{11}, 4^8, 2^5\})$	87296
12	$\mathcal{O}(0; \{6^{11}, 4^8, 3^3, 2\})$	699136
12	$\mathcal{O}(0; \{6^{11}, 4^{10}, 2^2\})$	349184
12	$\mathcal{O}(0; \{6^{12}, 4^2, 3, 2^{11}\})$	5460
12	$\mathcal{O}(0; \{6^{12}, 4^2, 3^4, 2^7\})$	43692
12	$\mathcal{O}(0; \{6^{12}, 4^2, 3^7, 2^3\})$	349524
12	$\mathcal{O}(0; \{6^{12}, 4^4, 3, 2^8\})$	21840
12	$\mathcal{O}(0; \{6^{12}, 4^4, 3^4, 2^4\})$	174768
12	$\mathcal{O}(0; \{6^{12}, 4^4, 3^7\})$	1398096
12	$\mathcal{O}(0; \{6^{12}, 4^6, 3, 2^5\})$	87360
12	$\mathcal{O}(0; \{6^{12}, 4^6, 3^4, 2\})$	699072

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^{12}, 4^8, 3, 2^2\})$	349440
12	$\mathcal{O}(0; \{6^{13}, 4^2, 3^2, 2^8\})$	21844
12	$\mathcal{O}(0; \{6^{13}, 4^2, 3^5, 2^4\})$	174764
12	$\mathcal{O}(0; \{6^{13}, 4^2, 3^8\})$	1398100
12	$\mathcal{O}(0; \{6^{13}, 4^4, 3^2, 2^5\})$	87376
12	$\mathcal{O}(0; \{6^{13}, 4^4, 3^5, 2\})$	699056
12	$\mathcal{O}(0; \{6^{13}, 4^6, 3^2, 2^2\})$	349504
12	$\mathcal{O}(0; \{6^{14}, 4^2, 2^9\})$	10924
12	$\mathcal{O}(0; \{6^{14}, 4^2, 3^3, 2^5\})$	87380
12	$\mathcal{O}(0; \{6^{14}, 4^2, 3^6, 2\})$	699052
12	$\mathcal{O}(0; \{6^{14}, 4^4, 2^6\})$	43696
12	$\mathcal{O}(0; \{6^{14}, 4^4, 3^3, 2^2\})$	349520
12	$\mathcal{O}(0; \{6^{14}, 4^6, 2^3\})$	174784
12	$\mathcal{O}(0; \{6^{14}, 4^8\})$	699136
12	$\mathcal{O}(0; \{6^{15}, 4^2, 3, 2^6\})$	43692
12	$\mathcal{O}(0; \{6^{15}, 4^2, 3^4, 2^2\})$	349524
12	$\mathcal{O}(0; \{6^{15}, 4^4, 3, 2^3\})$	174768
12	$\mathcal{O}(0; \{6^{15}, 4^6, 3\})$	699072
12	$\mathcal{O}(0; \{6^{16}, 4^2, 3^2, 2^3\})$	174764
12	$\mathcal{O}(0; \{6^{16}, 4^4, 3^2\})$	699056
12	$\mathcal{O}(0; \{6^{17}, 4^2, 2^4\})$	87380
12	$\mathcal{O}(0; \{6^{17}, 4^2, 3^3\})$	699052
12	$\mathcal{O}(0; \{6^{17}, 4^4, 2\})$	349520
12	$\mathcal{O}(0; \{6^{18}, 4^2, 3, 2\})$	349524
12	$\mathcal{O}(0; \{12, 4, 3^3, 2^{28}\})$	12
12	$\mathcal{O}(0; \{12, 4, 3^6, 2^{24}\})$	84
12	$\mathcal{O}(0; \{12, 4, 3^9, 2^{20}\})$	684
12	$\mathcal{O}(0; \{12, 4, 3^{12}, 2^{16}\})$	5460
12	$\mathcal{O}(0; \{12, 4, 3^{15}, 2^{12}\})$	43692
12	$\mathcal{O}(0; \{12, 4, 3^{18}, 2^8\})$	349524
12	$\mathcal{O}(0; \{12, 4, 3^{21}, 2^4\})$	2796204
12	$\mathcal{O}(0; \{12, 4, 3^{24}\})$	22369620
12	$\mathcal{O}(0; \{12, 4^3, 3^3, 2^{25}\})$	48
12	$\mathcal{O}(0; \{12, 4^3, 3^6, 2^{21}\})$	336
12	$\mathcal{O}(0; \{12, 4^3, 3^9, 2^{17}\})$	2736
12	$\mathcal{O}(0; \{12, 4^3, 3^{12}, 2^{13}\})$	21840
12	$\mathcal{O}(0; \{12, 4^3, 3^{15}, 2^9\})$	174768
12	$\mathcal{O}(0; \{12, 4^3, 3^{18}, 2^5\})$	1398096
12	$\mathcal{O}(0; \{12, 4^3, 3^{21}, 2\})$	11184816
12	$\mathcal{O}(0; \{12, 4^5, 3^3, 2^{22}\})$	192
12	$\mathcal{O}(0; \{12, 4^5, 3^6, 2^{18}\})$	1344
12	$\mathcal{O}(0; \{12, 4^5, 3^9, 2^{14}\})$	10944
12	$\mathcal{O}(0; \{12, 4^5, 3^{12}, 2^{10}\})$	87360

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 4^5, 3^{15}, 2^6\})$	699072
12	$\mathcal{O}(0; \{12, 4^5, 3^{18}, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12, 4^7, 3^3, 2^{19}\})$	768
12	$\mathcal{O}(0; \{12, 4^7, 3^6, 2^{15}\})$	5376
12	$\mathcal{O}(0; \{12, 4^7, 3^9, 2^{11}\})$	43776
12	$\mathcal{O}(0; \{12, 4^7, 3^{12}, 2^7\})$	349440
12	$\mathcal{O}(0; \{12, 4^7, 3^{15}, 2^3\})$	2796288
12	$\mathcal{O}(0; \{12, 4^9, 3^3, 2^{16}\})$	3072
12	$\mathcal{O}(0; \{12, 4^9, 3^6, 2^{12}\})$	21504
12	$\mathcal{O}(0; \{12, 4^9, 3^9, 2^8\})$	175104
12	$\mathcal{O}(0; \{12, 4^9, 3^{12}, 2^4\})$	1397760
12	$\mathcal{O}(0; \{12, 4^9, 3^{15}\})$	11185152
12	$\mathcal{O}(0; \{12, 4^{11}, 3^3, 2^{13}\})$	12288
12	$\mathcal{O}(0; \{12, 4^{11}, 3^6, 2^9\})$	86016
12	$\mathcal{O}(0; \{12, 4^{11}, 3^9, 2^5\})$	700416
12	$\mathcal{O}(0; \{12, 4^{11}, 3^{12}, 2\})$	5591040
12	$\mathcal{O}(0; \{12, 4^{13}, 3^3, 2^{10}\})$	49152
12	$\mathcal{O}(0; \{12, 4^{13}, 3^6, 2^6\})$	344064
12	$\mathcal{O}(0; \{12, 4^{13}, 3^9, 2^2\})$	2801664
12	$\mathcal{O}(0; \{12, 4^{15}, 3^3, 2^7\})$	196608
12	$\mathcal{O}(0; \{12, 4^{15}, 3^6, 2^3\})$	1376256
12	$\mathcal{O}(0; \{12, 4^{17}, 3^3, 2^4\})$	786432
12	$\mathcal{O}(0; \{12, 4^{17}, 3^6\})$	5505024
12	$\mathcal{O}(0; \{12, 4^{19}, 3^3, 2\})$	3145728
12	$\mathcal{O}(0; \{12, 6, 4, 3, 2^{29}\})$	4
12	$\mathcal{O}(0; \{12, 6, 4, 3^4, 2^{25}\})$	44
12	$\mathcal{O}(0; \{12, 6, 4, 3^7, 2^{21}\})$	340
12	$\mathcal{O}(0; \{12, 6, 4, 3^{10}, 2^{17}\})$	2732
12	$\mathcal{O}(0; \{12, 6, 4, 3^{13}, 2^{13}\})$	21844
12	$\mathcal{O}(0; \{12, 6, 4, 3^{16}, 2^9\})$	174764
12	$\mathcal{O}(0; \{12, 6, 4, 3^{19}, 2^5\})$	1398100
12	$\mathcal{O}(0; \{12, 6, 4, 3^{22}, 2\})$	11184812
12	$\mathcal{O}(0; \{12, 6, 4^3, 3, 2^{26}\})$	16
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^4, 2^{22}\})$	176
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^7, 2^{18}\})$	1360
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{10}, 2^{14}\})$	10928
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{13}, 2^{10}\})$	87376
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{16}, 2^6\})$	699056
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{19}, 2^2\})$	5592400
12	$\mathcal{O}(0; \{12, 6, 4^5, 3, 2^{23}\})$	64
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^4, 2^{19}\})$	704
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^7, 2^{15}\})$	5440
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^{10}, 2^{11}\})$	43712

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^{13}, 2^7\})$	349504
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^{16}, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12, 6, 4^7, 3, 2^{20}\})$	256
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^4, 2^{16}\})$	2816
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^7, 2^{12}\})$	21760
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^{10}, 2^8\})$	174848
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^{13}, 2^4\})$	1398016
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^{16}\})$	11184896
12	$\mathcal{O}(0; \{12, 6, 4^9, 3, 2^{17}\})$	1024
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^4, 2^{13}\})$	11264
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^7, 2^9\})$	87040
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^{10}, 2^5\})$	699392
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^{13}, 2\})$	5592064
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3, 2^{14}\})$	4096
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3^4, 2^{10}\})$	45056
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3^7, 2^6\})$	348160
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3^{10}, 2^2\})$	2797568
12	$\mathcal{O}(0; \{12, 6, 4^{13}, 3, 2^{11}\})$	16384
12	$\mathcal{O}(0; \{12, 6, 4^{13}, 3^4, 2^7\})$	180224
12	$\mathcal{O}(0; \{12, 6, 4^{13}, 3^7, 2^3\})$	1392640
12	$\mathcal{O}(0; \{12, 6, 4^{15}, 3, 2^8\})$	65536
12	$\mathcal{O}(0; \{12, 6, 4^{15}, 3^4, 2^4\})$	720896
12	$\mathcal{O}(0; \{12, 6, 4^{15}, 3^7\})$	5570560
12	$\mathcal{O}(0; \{12, 6, 4^{17}, 3, 2^5\})$	262144
12	$\mathcal{O}(0; \{12, 6, 4^{17}, 3^4, 2\})$	2883584
12	$\mathcal{O}(0; \{12, 6, 4^{19}, 3, 2^2\})$	1048576
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^2, 2^{26}\})$	20
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^5, 2^{22}\})$	172
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^8, 2^{18}\})$	1364
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{11}, 2^{14}\})$	10924
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{14}, 2^{10}\})$	87380
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{17}, 2^6\})$	699052
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{20}, 2^2\})$	5592404
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^2, 2^{23}\})$	80
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^5, 2^{19}\})$	688
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^8, 2^{15}\})$	5456
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^{11}, 2^{11}\})$	43696
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^{14}, 2^7\})$	349520
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^{17}, 2^3\})$	2796208
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^2, 2^{20}\})$	320
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^5, 2^{16}\})$	2752
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^8, 2^{12}\})$	21824
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^{11}, 2^8\})$	174784

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^{14}, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^{17}\})$	11184832
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^2, 2^{17}\})$	1280
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^5, 2^{13}\})$	11008
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^8, 2^9\})$	87296
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^{11}, 2^5\})$	699136
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^{14}, 2\})$	5592320
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^2, 2^{14}\})$	5120
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^5, 2^{10}\})$	44032
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^8, 2^6\})$	349184
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^{11}, 2^2\})$	2796544
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 3^2, 2^{11}\})$	20480
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 3^5, 2^7\})$	176128
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 3^8, 2^3\})$	1396736
12	$\mathcal{O}(0; \{12, 6^2, 4^{13}, 3^2, 2^8\})$	81920
12	$\mathcal{O}(0; \{12, 6^2, 4^{13}, 3^5, 2^4\})$	704512
12	$\mathcal{O}(0; \{12, 6^2, 4^{13}, 3^8\})$	5586944
12	$\mathcal{O}(0; \{12, 6^2, 4^{15}, 3^2, 2^5\})$	327680
12	$\mathcal{O}(0; \{12, 6^2, 4^{15}, 3^5, 2\})$	2818048
12	$\mathcal{O}(0; \{12, 6^2, 4^{17}, 3^2, 2^2\})$	1310720
12	$\mathcal{O}(0; \{12, 6^3, 4, 2^{27}\})$	12
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^3, 2^{23}\})$	84
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^6, 2^{19}\})$	684
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^9, 2^{15}\})$	5460
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{12}, 2^{11}\})$	43692
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{15}, 2^7\})$	349524
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{18}, 2^3\})$	2796204
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 2^{24}\})$	48
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^3, 2^{20}\})$	336
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^6, 2^{16}\})$	2736
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^9, 2^{12}\})$	21840
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^{12}, 2^8\})$	174768
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^{15}, 2^4\})$	1398096
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^{18}\})$	11184816
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 2^{21}\})$	192
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^3, 2^{17}\})$	1344
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^6, 2^{13}\})$	10944
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^9, 2^9\})$	87360
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^{12}, 2^5\})$	699072
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^{15}, 2\})$	5592384
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 2^{18}\})$	768
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^3, 2^{14}\})$	5376
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^6, 2^{10}\})$	43776

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^9, 2^6\})$	349440
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^{12}, 2^2\})$	2796288
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 2^{15}\})$	3072
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3^3, 2^{11}\})$	21504
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3^6, 2^7\})$	175104
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3^9, 2^3\})$	1397760
12	$\mathcal{O}(0; \{12, 6^3, 4^{11}, 2^{12}\})$	12288
12	$\mathcal{O}(0; \{12, 6^3, 4^{11}, 3^3, 2^8\})$	86016
12	$\mathcal{O}(0; \{12, 6^3, 4^{11}, 3^6, 2^4\})$	700416
12	$\mathcal{O}(0; \{12, 6^3, 4^{11}, 3^9\})$	5591040
12	$\mathcal{O}(0; \{12, 6^3, 4^{13}, 2^9\})$	49152
12	$\mathcal{O}(0; \{12, 6^3, 4^{13}, 3^3, 2^5\})$	344064
12	$\mathcal{O}(0; \{12, 6^3, 4^{13}, 3^6, 2\})$	2801664
12	$\mathcal{O}(0; \{12, 6^3, 4^{15}, 2^6\})$	196608
12	$\mathcal{O}(0; \{12, 6^3, 4^{15}, 3^3, 2^2\})$	1376256
12	$\mathcal{O}(0; \{12, 6^3, 4^{17}, 2^3\})$	786432
12	$\mathcal{O}(0; \{12, 6^3, 4^{19}\})$	3145728
12	$\mathcal{O}(0; \{12, 6^4, 4, 3, 2^{24}\})$	44
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^4, 2^{20}\})$	340
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^7, 2^{16}\})$	2732
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^{10}, 2^{12}\})$	21844
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^{13}, 2^8\})$	174764
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^{16}, 2^4\})$	1398100
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^{19}\})$	11184812
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3, 2^{21}\})$	176
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^4, 2^{17}\})$	1360
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^7, 2^{13}\})$	10928
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^{10}, 2^9\})$	87376
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^{13}, 2^5\})$	699056
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^{16}, 2\})$	5592400
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3, 2^{18}\})$	704
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^4, 2^{14}\})$	5440
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^7, 2^{10}\})$	43712
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^{10}, 2^6\})$	349504
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^{13}, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3, 2^{15}\})$	2816
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^4, 2^{11}\})$	21760
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^7, 2^7\})$	174848
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^{10}, 2^3\})$	1398016
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 3, 2^{12}\})$	11264
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 3^4, 2^8\})$	87040
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 3^7, 2^4\})$	699392
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 3^{10}\})$	5592064

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^4, 4^{11}, 3, 2^9\})$	45056
12	$\mathcal{O}(0; \{12, 6^4, 4^{11}, 3^4, 2^5\})$	348160
12	$\mathcal{O}(0; \{12, 6^4, 4^{11}, 3^7, 2\})$	2797568
12	$\mathcal{O}(0; \{12, 6^4, 4^{13}, 3, 2^6\})$	180224
12	$\mathcal{O}(0; \{12, 6^4, 4^{13}, 3^4, 2^2\})$	1392640
12	$\mathcal{O}(0; \{12, 6^4, 4^{15}, 3, 2^3\})$	720896
12	$\mathcal{O}(0; \{12, 6^4, 4^{17}, 3\})$	2883584
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^2, 2^{21}\})$	172
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^5, 2^{17}\})$	1364
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^8, 2^{13}\})$	10924
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^{11}, 2^9\})$	87380
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^{14}, 2^5\})$	699052
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^{17}, 2\})$	5592404
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^2, 2^{18}\})$	688
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^5, 2^{14}\})$	5456
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^8, 2^{10}\})$	43696
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^{11}, 2^6\})$	349520
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^{14}, 2^2\})$	2796208
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^2, 2^{15}\})$	2752
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^5, 2^{11}\})$	21824
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^8, 2^7\})$	174784
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^{11}, 2^3\})$	1398080
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3^2, 2^{12}\})$	11008
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3^5, 2^8\})$	87296
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3^8, 2^4\})$	699136
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3^{11}\})$	5592320
12	$\mathcal{O}(0; \{12, 6^5, 4^9, 3^2, 2^9\})$	44032
12	$\mathcal{O}(0; \{12, 6^5, 4^9, 3^5, 2^5\})$	349184
12	$\mathcal{O}(0; \{12, 6^5, 4^9, 3^8, 2\})$	2796544
12	$\mathcal{O}(0; \{12, 6^5, 4^{11}, 3^2, 2^6\})$	176128
12	$\mathcal{O}(0; \{12, 6^5, 4^{11}, 3^5, 2^2\})$	1396736
12	$\mathcal{O}(0; \{12, 6^5, 4^{13}, 3^2, 2^3\})$	704512
12	$\mathcal{O}(0; \{12, 6^5, 4^{15}, 3^2\})$	2818048
12	$\mathcal{O}(0; \{12, 6^6, 4, 2^{22}\})$	84
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^3, 2^{18}\})$	684
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^6, 2^{14}\})$	5460
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^9, 2^{10}\})$	43692
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^{12}, 2^6\})$	349524
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^{15}, 2^2\})$	2796204
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 2^{19}\})$	336
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^3, 2^{15}\})$	2736
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^6, 2^{11}\})$	21840
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^9, 2^7\})$	174768

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^{12}, 2^3\})$	1398096
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 2^{16}\})$	1344
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^3, 2^{12}\})$	10944
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^6, 2^8\})$	87360
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^9, 2^4\})$	699072
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^{12}\})$	5592384
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 2^{13}\})$	5376
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 3^3, 2^9\})$	43776
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 3^6, 2^5\})$	349440
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 3^9, 2\})$	2796288
12	$\mathcal{O}(0; \{12, 6^6, 4^9, 2^{10}\})$	21504
12	$\mathcal{O}(0; \{12, 6^6, 4^9, 3^3, 2^6\})$	175104
12	$\mathcal{O}(0; \{12, 6^6, 4^9, 3^6, 2^2\})$	1397760
12	$\mathcal{O}(0; \{12, 6^6, 4^{11}, 2^7\})$	86016
12	$\mathcal{O}(0; \{12, 6^6, 4^{11}, 3^3, 2^3\})$	700416
12	$\mathcal{O}(0; \{12, 6^6, 4^{13}, 2^4\})$	344064
12	$\mathcal{O}(0; \{12, 6^6, 4^{13}, 3^3\})$	2801664
12	$\mathcal{O}(0; \{12, 6^6, 4^{15}, 2\})$	1376256
12	$\mathcal{O}(0; \{12, 6^7, 4, 3, 2^{19}\})$	340
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^4, 2^{15}\})$	2732
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^7, 2^{11}\})$	21844
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^{10}, 2^7\})$	174764
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^{13}, 2^3\})$	1398100
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3, 2^{16}\})$	1360
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^4, 2^{12}\})$	10928
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^7, 2^8\})$	87376
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^{10}, 2^4\})$	699056
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^{13}\})$	5592400
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3, 2^{13}\})$	5440
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3^4, 2^9\})$	43712
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3^7, 2^5\})$	349504
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3^{10}, 2\})$	2796224
12	$\mathcal{O}(0; \{12, 6^7, 4^7, 3, 2^{10}\})$	21760
12	$\mathcal{O}(0; \{12, 6^7, 4^7, 3^4, 2^6\})$	174848
12	$\mathcal{O}(0; \{12, 6^7, 4^7, 3^7, 2^2\})$	1398016
12	$\mathcal{O}(0; \{12, 6^7, 4^9, 3, 2^7\})$	87040
12	$\mathcal{O}(0; \{12, 6^7, 4^9, 3^4, 2^3\})$	699392
12	$\mathcal{O}(0; \{12, 6^7, 4^{11}, 3, 2^4\})$	348160
12	$\mathcal{O}(0; \{12, 6^7, 4^{11}, 3^4\})$	2797568
12	$\mathcal{O}(0; \{12, 6^7, 4^{13}, 3, 2\})$	1392640
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^2, 2^{16}\})$	1364
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^5, 2^{12}\})$	10924
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^8, 2^8\})$	87380

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^{11}, 2^4\})$	699052
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^{14}\})$	5592404
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^2, 2^{13}\})$	5456
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^5, 2^9\})$	43696
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^8, 2^5\})$	349520
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^{11}, 2\})$	2796208
12	$\mathcal{O}(0; \{12, 6^8, 4^5, 3^2, 2^{10}\})$	21824
12	$\mathcal{O}(0; \{12, 6^8, 4^5, 3^5, 2^6\})$	174784
12	$\mathcal{O}(0; \{12, 6^8, 4^5, 3^8, 2^2\})$	1398080
12	$\mathcal{O}(0; \{12, 6^8, 4^7, 3^2, 2^7\})$	87296
12	$\mathcal{O}(0; \{12, 6^8, 4^7, 3^5, 2^3\})$	699136
12	$\mathcal{O}(0; \{12, 6^8, 4^9, 3^2, 2^4\})$	349184
12	$\mathcal{O}(0; \{12, 6^8, 4^9, 3^5\})$	2796544
12	$\mathcal{O}(0; \{12, 6^8, 4^{11}, 3^2, 2\})$	1396736
12	$\mathcal{O}(0; \{12, 6^9, 4, 2^{17}\})$	684
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^3, 2^{13}\})$	5460
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^6, 2^9\})$	43692
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^9, 2^5\})$	349524
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^{12}, 2\})$	2796204
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 2^{14}\})$	2736
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 3^3, 2^{10}\})$	21840
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 3^6, 2^6\})$	174768
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 3^9, 2^2\})$	1398096
12	$\mathcal{O}(0; \{12, 6^9, 4^5, 2^{11}\})$	10944
12	$\mathcal{O}(0; \{12, 6^9, 4^5, 3^3, 2^7\})$	87360
12	$\mathcal{O}(0; \{12, 6^9, 4^5, 3^6, 2^3\})$	699072
12	$\mathcal{O}(0; \{12, 6^9, 4^7, 2^8\})$	43776
12	$\mathcal{O}(0; \{12, 6^9, 4^7, 3^3, 2^4\})$	349440
12	$\mathcal{O}(0; \{12, 6^9, 4^7, 3^6\})$	2796288
12	$\mathcal{O}(0; \{12, 6^9, 4^9, 2^5\})$	175104
12	$\mathcal{O}(0; \{12, 6^9, 4^9, 3^3, 2\})$	1397760
12	$\mathcal{O}(0; \{12, 6^9, 4^{11}, 2^2\})$	700416
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3, 2^{14}\})$	2732
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3^4, 2^{10}\})$	21844
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3^7, 2^6\})$	174764
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3^{10}, 2^2\})$	1398100
12	$\mathcal{O}(0; \{12, 6^{10}, 4^3, 3, 2^{11}\})$	10928
12	$\mathcal{O}(0; \{12, 6^{10}, 4^3, 3^4, 2^7\})$	87376
12	$\mathcal{O}(0; \{12, 6^{10}, 4^3, 3^7, 2^3\})$	699056
12	$\mathcal{O}(0; \{12, 6^{10}, 4^5, 3, 2^8\})$	43712
12	$\mathcal{O}(0; \{12, 6^{10}, 4^5, 3^4, 2^4\})$	349504
12	$\mathcal{O}(0; \{12, 6^{10}, 4^5, 3^7\})$	2796224
12	$\mathcal{O}(0; \{12, 6^{10}, 4^7, 3, 2^5\})$	174848

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^{10}, 4^7, 3^4, 2\})$	1398016
12	$\mathcal{O}(0; \{12, 6^{10}, 4^9, 3, 2^2\})$	699392
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 3^2, 2^{11}\})$	10924
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 3^5, 2^7\})$	87380
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 3^8, 2^3\})$	699052
12	$\mathcal{O}(0; \{12, 6^{11}, 4^3, 3^2, 2^8\})$	43696
12	$\mathcal{O}(0; \{12, 6^{11}, 4^3, 3^5, 2^4\})$	349520
12	$\mathcal{O}(0; \{12, 6^{11}, 4^3, 3^8\})$	2796208
12	$\mathcal{O}(0; \{12, 6^{11}, 4^5, 3^2, 2^5\})$	174784
12	$\mathcal{O}(0; \{12, 6^{11}, 4^5, 3^5, 2\})$	1398080
12	$\mathcal{O}(0; \{12, 6^{11}, 4^7, 3^2, 2^2\})$	699136
12	$\mathcal{O}(0; \{12, 6^{12}, 4, 2^{12}\})$	5460
12	$\mathcal{O}(0; \{12, 6^{12}, 4, 3^3, 2^8\})$	43692
12	$\mathcal{O}(0; \{12, 6^{12}, 4, 3^6, 2^4\})$	349524
12	$\mathcal{O}(0; \{12, 6^{12}, 4, 3^9\})$	2796204
12	$\mathcal{O}(0; \{12, 6^{12}, 4^3, 2^9\})$	21840
12	$\mathcal{O}(0; \{12, 6^{12}, 4^3, 3^3, 2^5\})$	174768
12	$\mathcal{O}(0; \{12, 6^{12}, 4^3, 3^6, 2\})$	1398096
12	$\mathcal{O}(0; \{12, 6^{12}, 4^5, 2^6\})$	87360
12	$\mathcal{O}(0; \{12, 6^{12}, 4^5, 3^3, 2^2\})$	699072
12	$\mathcal{O}(0; \{12, 6^{12}, 4^7, 2^3\})$	349440
12	$\mathcal{O}(0; \{12, 6^{12}, 4^9\})$	1397760
12	$\mathcal{O}(0; \{12, 6^{13}, 4, 3, 2^9\})$	21844
12	$\mathcal{O}(0; \{12, 6^{13}, 4, 3^4, 2^5\})$	174764
12	$\mathcal{O}(0; \{12, 6^{13}, 4, 3^7, 2\})$	1398100
12	$\mathcal{O}(0; \{12, 6^{13}, 4^3, 3, 2^6\})$	87376
12	$\mathcal{O}(0; \{12, 6^{13}, 4^3, 3^4, 2^2\})$	699056
12	$\mathcal{O}(0; \{12, 6^{13}, 4^5, 3, 2^3\})$	349504
12	$\mathcal{O}(0; \{12, 6^{13}, 4^7, 3\})$	1398016
12	$\mathcal{O}(0; \{12, 6^{14}, 4, 3^2, 2^6\})$	87380
12	$\mathcal{O}(0; \{12, 6^{14}, 4, 3^5, 2^2\})$	699052
12	$\mathcal{O}(0; \{12, 6^{14}, 4^3, 3^2, 2^3\})$	349520
12	$\mathcal{O}(0; \{12, 6^{14}, 4^5, 3^2\})$	1398080
12	$\mathcal{O}(0; \{12, 6^{15}, 4, 2^7\})$	43692
12	$\mathcal{O}(0; \{12, 6^{15}, 4, 3^3, 2^3\})$	349524
12	$\mathcal{O}(0; \{12, 6^{15}, 4^3, 2^4\})$	174768
12	$\mathcal{O}(0; \{12, 6^{15}, 4^3, 3^3\})$	1398096
12	$\mathcal{O}(0; \{12, 6^{15}, 4^5, 2\})$	699072
12	$\mathcal{O}(0; \{12, 6^{16}, 4, 3, 2^4\})$	174764
12	$\mathcal{O}(0; \{12, 6^{16}, 4, 3^4\})$	1398100
12	$\mathcal{O}(0; \{12, 6^{16}, 4^3, 3, 2\})$	699056
12	$\mathcal{O}(0; \{12, 6^{17}, 4, 3^2, 2\})$	699052
12	$\mathcal{O}(0; \{12, 6^{18}, 4, 2^2\})$	349524

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 3^2, 2^{29}\})$	12
12	$\mathcal{O}(0; \{12^2, 3^5, 2^{25}\})$	84
12	$\mathcal{O}(0; \{12^2, 3^8, 2^{21}\})$	684
12	$\mathcal{O}(0; \{12^2, 3^{11}, 2^{17}\})$	5460
12	$\mathcal{O}(0; \{12^2, 3^{14}, 2^{13}\})$	43692
12	$\mathcal{O}(0; \{12^2, 3^{17}, 2^9\})$	349524
12	$\mathcal{O}(0; \{12^2, 3^{20}, 2^5\})$	2796204
12	$\mathcal{O}(0; \{12^2, 3^{23}, 2\})$	22369620
12	$\mathcal{O}(0; \{12^2, 4^2, 3^2, 2^{26}\})$	48
12	$\mathcal{O}(0; \{12^2, 4^2, 3^5, 2^{22}\})$	336
12	$\mathcal{O}(0; \{12^2, 4^2, 3^8, 2^{18}\})$	2736
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{11}, 2^{14}\})$	21840
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{14}, 2^{10}\})$	174768
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{17}, 2^6\})$	1398096
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{20}, 2^2\})$	11184816
12	$\mathcal{O}(0; \{12^2, 4^4, 3^2, 2^{23}\})$	192
12	$\mathcal{O}(0; \{12^2, 4^4, 3^5, 2^{19}\})$	1344
12	$\mathcal{O}(0; \{12^2, 4^4, 3^8, 2^{15}\})$	10944
12	$\mathcal{O}(0; \{12^2, 4^4, 3^{11}, 2^{11}\})$	87360
12	$\mathcal{O}(0; \{12^2, 4^4, 3^{14}, 2^7\})$	699072
12	$\mathcal{O}(0; \{12^2, 4^4, 3^{17}, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^2, 4^6, 3^2, 2^{20}\})$	768
12	$\mathcal{O}(0; \{12^2, 4^6, 3^5, 2^{16}\})$	5376
12	$\mathcal{O}(0; \{12^2, 4^6, 3^8, 2^{12}\})$	43776
12	$\mathcal{O}(0; \{12^2, 4^6, 3^{11}, 2^8\})$	349440
12	$\mathcal{O}(0; \{12^2, 4^6, 3^{14}, 2^4\})$	2796288
12	$\mathcal{O}(0; \{12^2, 4^6, 3^{17}\})$	22369536
12	$\mathcal{O}(0; \{12^2, 4^8, 3^2, 2^{17}\})$	3072
12	$\mathcal{O}(0; \{12^2, 4^8, 3^5, 2^{13}\})$	21504
12	$\mathcal{O}(0; \{12^2, 4^8, 3^8, 2^9\})$	175104
12	$\mathcal{O}(0; \{12^2, 4^8, 3^{11}, 2^5\})$	1397760
12	$\mathcal{O}(0; \{12^2, 4^8, 3^{14}, 2\})$	11185152
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^2, 2^{14}\})$	12288
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^5, 2^{10}\})$	86016
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^8, 2^6\})$	700416
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^{11}, 2^2\})$	5591040
12	$\mathcal{O}(0; \{12^2, 4^{12}, 3^2, 2^{11}\})$	49152
12	$\mathcal{O}(0; \{12^2, 4^{12}, 3^5, 2^7\})$	344064
12	$\mathcal{O}(0; \{12^2, 4^{12}, 3^8, 2^3\})$	2801664
12	$\mathcal{O}(0; \{12^2, 4^{14}, 3^2, 2^8\})$	196608
12	$\mathcal{O}(0; \{12^2, 4^{14}, 3^5, 2^4\})$	1376256
12	$\mathcal{O}(0; \{12^2, 4^{14}, 3^8\})$	11206656
12	$\mathcal{O}(0; \{12^2, 4^{16}, 3^2, 2^5\})$	786432

Continued on next page

Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 4^{16}, 3^5, 2\})$	5505024
12	$\mathcal{O}(0; \{12^2, 4^{18}, 3^2, 2^2\})$	3145728
12	$\mathcal{O}(0; \{12^2, 6, 2^{30}\})$	4
12	$\mathcal{O}(0; \{12^2, 6, 3^3, 2^{26}\})$	44
12	$\mathcal{O}(0; \{12^2, 6, 3^6, 2^{22}\})$	340
12	$\mathcal{O}(0; \{12^2, 6, 3^9, 2^{18}\})$	2732
12	$\mathcal{O}(0; \{12^2, 6, 3^{12}, 2^{14}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6, 3^{15}, 2^{10}\})$	174764
12	$\mathcal{O}(0; \{12^2, 6, 3^{18}, 2^6\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6, 3^{21}, 2^2\})$	11184812
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 2^{27}\})$	16
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^3, 2^{23}\})$	176
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^6, 2^{19}\})$	1360
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^9, 2^{15}\})$	10928
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{12}, 2^{11}\})$	87376
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{15}, 2^7\})$	699056
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{18}, 2^3\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 2^{24}\})$	64
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^3, 2^{20}\})$	704
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^6, 2^{16}\})$	5440
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^9, 2^{12}\})$	43712
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^{12}, 2^8\})$	349504
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^{15}, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^{18}\})$	22369600
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 2^{21}\})$	256
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^3, 2^{17}\})$	2816
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^6, 2^{13}\})$	21760
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^9, 2^9\})$	174848
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^{12}, 2^5\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^{15}, 2\})$	11184896
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 2^{18}\})$	1024
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^3, 2^{14}\})$	11264
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^6, 2^{10}\})$	87040
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^9, 2^6\})$	699392
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^{12}, 2^2\})$	5592064
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 2^{15}\})$	4096
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3^3, 2^{11}\})$	45056
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3^6, 2^7\})$	348160
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3^9, 2^3\})$	2797568
12	$\mathcal{O}(0; \{12^2, 6, 4^{12}, 2^{12}\})$	16384
12	$\mathcal{O}(0; \{12^2, 6, 4^{12}, 3^3, 2^8\})$	180224
12	$\mathcal{O}(0; \{12^2, 6, 4^{12}, 3^6, 2^4\})$	1392640
12	$\mathcal{O}(0; \{12^2, 6, 4^{12}, 3^9\})$	11190272

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6, 4^{14}, 2^9\})$	65536
12	$\mathcal{O}(0; \{12^2, 6, 4^{14}, 3^3, 2^5\})$	720896
12	$\mathcal{O}(0; \{12^2, 6, 4^{14}, 3^6, 2\})$	5570560
12	$\mathcal{O}(0; \{12^2, 6, 4^{16}, 2^6\})$	262144
12	$\mathcal{O}(0; \{12^2, 6, 4^{16}, 3^3, 2^2\})$	2883584
12	$\mathcal{O}(0; \{12^2, 6, 4^{18}, 2^3\})$	1048576
12	$\mathcal{O}(0; \{12^2, 6, 4^{20}\})$	4194304
12	$\mathcal{O}(0; \{12^2, 6^2, 3, 2^{27}\})$	20
12	$\mathcal{O}(0; \{12^2, 6^2, 3^4, 2^{23}\})$	172
12	$\mathcal{O}(0; \{12^2, 6^2, 3^7, 2^{19}\})$	1364
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{10}, 2^{15}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{13}, 2^{11}\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{16}, 2^7\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{19}, 2^3\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3, 2^{24}\})$	80
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^4, 2^{20}\})$	688
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^7, 2^{16}\})$	5456
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^{10}, 2^{12}\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^{13}, 2^8\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^{16}, 2^4\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^{19}\})$	22369616
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3, 2^{21}\})$	320
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^4, 2^{17}\})$	2752
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^7, 2^{13}\})$	21824
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^{10}, 2^9\})$	174784
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^{13}, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^{16}, 2\})$	11184832
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3, 2^{18}\})$	1280
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^4, 2^{14}\})$	11008
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^7, 2^{10}\})$	87296
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^{10}, 2^6\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^{13}, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3, 2^{15}\})$	5120
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^4, 2^{11}\})$	44032
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^7, 2^7\})$	349184
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^{10}, 2^3\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 3, 2^{12}\})$	20480
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 3^4, 2^8\})$	176128
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 3^7, 2^4\})$	1396736
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 3^{10}\})$	11186176
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{12}, 3, 2^9\})$	81920
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{12}, 3^4, 2^5\})$	704512
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{12}, 3^7, 2\})$	5586944

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{14}, 3, 2^6\})$	327680
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{14}, 3^4, 2^2\})$	2818048
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{16}, 3, 2^3\})$	1310720
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{18}, 3\})$	5242880
12	$\mathcal{O}(0; \{12^2, 6^3, 3^2, 2^{24}\})$	84
12	$\mathcal{O}(0; \{12^2, 6^3, 3^5, 2^{20}\})$	684
12	$\mathcal{O}(0; \{12^2, 6^3, 3^8, 2^{16}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{11}, 2^{12}\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{14}, 2^8\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{17}, 2^4\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{20}\})$	22369620
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^2, 2^{21}\})$	336
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^5, 2^{17}\})$	2736
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^8, 2^{13}\})$	21840
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^{11}, 2^9\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^{14}, 2^5\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^{17}, 2\})$	11184816
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^2, 2^{18}\})$	1344
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^5, 2^{14}\})$	10944
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^8, 2^{10}\})$	87360
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^{11}, 2^6\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^{14}, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^2, 2^{15}\})$	5376
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^5, 2^{11}\})$	43776
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^8, 2^7\})$	349440
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^{11}, 2^3\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3^2, 2^{12}\})$	21504
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3^5, 2^8\})$	175104
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3^8, 2^4\})$	1397760
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3^{11}\})$	11185152
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{10}, 3^2, 2^9\})$	86016
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{10}, 3^5, 2^5\})$	700416
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{10}, 3^8, 2\})$	5591040
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{12}, 3^2, 2^6\})$	344064
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{12}, 3^5, 2^2\})$	2801664
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{14}, 3^2, 2^3\})$	1376256
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{16}, 3^2\})$	5505024
12	$\mathcal{O}(0; \{12^2, 6^4, 2^{25}\})$	44
12	$\mathcal{O}(0; \{12^2, 6^4, 3^3, 2^{21}\})$	340
12	$\mathcal{O}(0; \{12^2, 6^4, 3^6, 2^{17}\})$	2732
12	$\mathcal{O}(0; \{12^2, 6^4, 3^9, 2^{13}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^4, 3^{12}, 2^9\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^4, 3^{15}, 2^5\})$	1398100

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^4, 3^{18}, 2\})$	11184812
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 2^{22}\})$	176
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^3, 2^{18}\})$	1360
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^6, 2^{14}\})$	10928
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^9, 2^{10}\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^{12}, 2^6\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^{15}, 2^2\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 2^{19}\})$	704
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^3, 2^{15}\})$	5440
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^6, 2^{11}\})$	43712
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^9, 2^7\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^{12}, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 2^{16}\})$	2816
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^3, 2^{12}\})$	21760
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^6, 2^8\})$	174848
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^9, 2^4\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^{12}\})$	11184896
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 2^{13}\})$	11264
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 3^3, 2^9\})$	87040
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 3^6, 2^5\})$	699392
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 3^9, 2\})$	5592064
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{10}, 2^{10}\})$	45056
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{10}, 3^3, 2^6\})$	348160
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{10}, 3^6, 2^2\})$	2797568
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{12}, 2^7\})$	180224
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{12}, 3^3, 2^3\})$	1392640
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{14}, 2^4\})$	720896
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{14}, 3^3\})$	5570560
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{16}, 2\})$	2883584
12	$\mathcal{O}(0; \{12^2, 6^5, 3, 2^{22}\})$	172
12	$\mathcal{O}(0; \{12^2, 6^5, 3^4, 2^{18}\})$	1364
12	$\mathcal{O}(0; \{12^2, 6^5, 3^7, 2^{14}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6^5, 3^{10}, 2^{10}\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^5, 3^{13}, 2^6\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^5, 3^{16}, 2^2\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3, 2^{19}\})$	688
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^4, 2^{15}\})$	5456
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^7, 2^{11}\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^{10}, 2^7\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^{13}, 2^3\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3, 2^{16}\})$	2752
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^4, 2^{12}\})$	21824
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^7, 2^8\})$	174784

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^{10}, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^{13}\})$	11184832
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3, 2^{13}\})$	11008
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3^4, 2^9\})$	87296
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3^7, 2^5\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3^{10}, 2\})$	5592320
12	$\mathcal{O}(0; \{12^2, 6^5, 4^8, 3, 2^{10}\})$	44032
12	$\mathcal{O}(0; \{12^2, 6^5, 4^8, 3^4, 2^6\})$	349184
12	$\mathcal{O}(0; \{12^2, 6^5, 4^8, 3^7, 2^2\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{10}, 3, 2^7\})$	176128
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{10}, 3^4, 2^3\})$	1396736
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{12}, 3, 2^4\})$	704512
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{12}, 3^4\})$	5586944
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{14}, 3, 2\})$	2818048
12	$\mathcal{O}(0; \{12^2, 6^6, 3^2, 2^{19}\})$	684
12	$\mathcal{O}(0; \{12^2, 6^6, 3^5, 2^{15}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6^6, 3^8, 2^{11}\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^6, 3^{11}, 2^7\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^6, 3^{14}, 2^3\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^2, 2^{16}\})$	2736
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^5, 2^{12}\})$	21840
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^8, 2^8\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^{11}, 2^4\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^{14}\})$	11184816
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^2, 2^{13}\})$	10944
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^5, 2^9\})$	87360
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^8, 2^5\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^{11}, 2\})$	5592384
12	$\mathcal{O}(0; \{12^2, 6^6, 4^6, 3^2, 2^{10}\})$	43776
12	$\mathcal{O}(0; \{12^2, 6^6, 4^6, 3^5, 2^6\})$	349440
12	$\mathcal{O}(0; \{12^2, 6^6, 4^6, 3^8, 2^2\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^6, 4^8, 3^2, 2^7\})$	175104
12	$\mathcal{O}(0; \{12^2, 6^6, 4^8, 3^5, 2^3\})$	1397760
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{10}, 3^2, 2^4\})$	700416
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{10}, 3^5\})$	5591040
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{12}, 3^2, 2\})$	2801664
12	$\mathcal{O}(0; \{12^2, 6^7, 2^{20}\})$	340
12	$\mathcal{O}(0; \{12^2, 6^7, 3^3, 2^{16}\})$	2732
12	$\mathcal{O}(0; \{12^2, 6^7, 3^6, 2^{12}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^7, 3^9, 2^8\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^7, 3^{12}, 2^4\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^7, 3^{15}\})$	11184812
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 2^{17}\})$	1360

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^3, 2^{13}\})$	10928
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^6, 2^9\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^9, 2^5\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^{12}, 2\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 2^{14}\})$	5440
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 3^3, 2^{10}\})$	43712
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 3^6, 2^6\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 3^9, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^7, 4^6, 2^{11}\})$	21760
12	$\mathcal{O}(0; \{12^2, 6^7, 4^6, 3^3, 2^7\})$	174848
12	$\mathcal{O}(0; \{12^2, 6^7, 4^6, 3^6, 2^3\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^7, 4^8, 2^8\})$	87040
12	$\mathcal{O}(0; \{12^2, 6^7, 4^8, 3^3, 2^4\})$	699392
12	$\mathcal{O}(0; \{12^2, 6^7, 4^8, 3^6\})$	5592064
12	$\mathcal{O}(0; \{12^2, 6^7, 4^{10}, 2^5\})$	348160
12	$\mathcal{O}(0; \{12^2, 6^7, 4^{10}, 3^3, 2\})$	2797568
12	$\mathcal{O}(0; \{12^2, 6^7, 4^{12}, 2^2\})$	1392640
12	$\mathcal{O}(0; \{12^2, 6^8, 3, 2^{17}\})$	1364
12	$\mathcal{O}(0; \{12^2, 6^8, 3^4, 2^{13}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6^8, 3^7, 2^9\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^8, 3^{10}, 2^5\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^8, 3^{13}, 2\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3, 2^{14}\})$	5456
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3^4, 2^{10}\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3^7, 2^6\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3^{10}, 2^2\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^8, 4^4, 3, 2^{11}\})$	21824
12	$\mathcal{O}(0; \{12^2, 6^8, 4^4, 3^4, 2^7\})$	174784
12	$\mathcal{O}(0; \{12^2, 6^8, 4^4, 3^7, 2^3\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^8, 4^6, 3, 2^8\})$	87296
12	$\mathcal{O}(0; \{12^2, 6^8, 4^6, 3^4, 2^4\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^8, 4^6, 3^7\})$	5592320
12	$\mathcal{O}(0; \{12^2, 6^8, 4^8, 3, 2^5\})$	349184
12	$\mathcal{O}(0; \{12^2, 6^8, 4^8, 3^4, 2\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6^8, 4^{10}, 3, 2^2\})$	1396736
12	$\mathcal{O}(0; \{12^2, 6^9, 3^2, 2^{14}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6^9, 3^5, 2^{10}\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^9, 3^8, 2^6\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^9, 3^{11}, 2^2\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 3^2, 2^{11}\})$	21840
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 3^5, 2^7\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 3^8, 2^3\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^9, 4^4, 3^2, 2^8\})$	87360

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^9, 4^4, 3^5, 2^4\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^9, 4^4, 3^8\})$	5592384
12	$\mathcal{O}(0; \{12^2, 6^9, 4^6, 3^2, 2^5\})$	349440
12	$\mathcal{O}(0; \{12^2, 6^9, 4^6, 3^5, 2\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^9, 4^8, 3^2, 2^2\})$	1397760
12	$\mathcal{O}(0; \{12^2, 6^{10}, 2^{15}\})$	2732
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3^3, 2^{11}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3^6, 2^7\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3^9, 2^3\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^2, 2^{12}\})$	10928
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^2, 3^3, 2^8\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^2, 3^6, 2^4\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^2, 3^9\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^4, 2^9\})$	43712
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^4, 3^3, 2^5\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^4, 3^6, 2\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^6, 2^6\})$	174848
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^6, 3^3, 2^2\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^8, 2^3\})$	699392
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^{10}\})$	2797568
12	$\mathcal{O}(0; \{12^2, 6^{11}, 3, 2^{12}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6^{11}, 3^4, 2^8\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^{11}, 3^7, 2^4\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^{11}, 3^{10}\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^2, 3, 2^9\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^2, 3^4, 2^5\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^2, 3^7, 2\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^4, 3, 2^6\})$	174784
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^4, 3^4, 2^2\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^6, 3, 2^3\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^8, 3\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6^{12}, 3^2, 2^9\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^{12}, 3^5, 2^5\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^{12}, 3^8, 2\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^2, 3^2, 2^6\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^2, 3^5, 2^2\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^4, 3^2, 2^3\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^6, 3^2\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^{13}, 2^{10}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^{13}, 3^3, 2^6\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^{13}, 3^6, 2^2\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^2, 2^7\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^2, 3^3, 2^3\})$	699056

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^4, 2^4\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^4, 3^3\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^6, 2\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^{14}, 3, 2^7\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^{14}, 3^4, 2^3\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^{14}, 4^2, 3, 2^4\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^{14}, 4^2, 3^4\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^{14}, 4^4, 3, 2\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^{15}, 3^2, 2^4\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^{15}, 3^5\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^{15}, 4^2, 3^2, 2\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^{16}, 2^5\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^{16}, 3^3, 2\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^{16}, 4^2, 2^2\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^{17}, 3, 2^2\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^{19}\})$	1398100
12	$\mathcal{O}(0; \{12^3, 4, 3, 2^{27}\})$	48
12	$\mathcal{O}(0; \{12^3, 4, 3^4, 2^{23}\})$	336
12	$\mathcal{O}(0; \{12^3, 4, 3^7, 2^{19}\})$	2736
12	$\mathcal{O}(0; \{12^3, 4, 3^{10}, 2^{15}\})$	21840
12	$\mathcal{O}(0; \{12^3, 4, 3^{13}, 2^{11}\})$	174768
12	$\mathcal{O}(0; \{12^3, 4, 3^{16}, 2^7\})$	1398096
12	$\mathcal{O}(0; \{12^3, 4, 3^{19}, 2^3\})$	11184816
12	$\mathcal{O}(0; \{12^3, 4^3, 3, 2^{24}\})$	192
12	$\mathcal{O}(0; \{12^3, 4^3, 3^4, 2^{20}\})$	1344
12	$\mathcal{O}(0; \{12^3, 4^3, 3^7, 2^{16}\})$	10944
12	$\mathcal{O}(0; \{12^3, 4^3, 3^{10}, 2^{12}\})$	87360
12	$\mathcal{O}(0; \{12^3, 4^3, 3^{13}, 2^8\})$	699072
12	$\mathcal{O}(0; \{12^3, 4^3, 3^{16}, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^3, 4^3, 3^{19}\})$	44739264
12	$\mathcal{O}(0; \{12^3, 4^5, 3, 2^{21}\})$	768
12	$\mathcal{O}(0; \{12^3, 4^5, 3^4, 2^{17}\})$	5376
12	$\mathcal{O}(0; \{12^3, 4^5, 3^7, 2^{13}\})$	43776
12	$\mathcal{O}(0; \{12^3, 4^5, 3^{10}, 2^9\})$	349440
12	$\mathcal{O}(0; \{12^3, 4^5, 3^{13}, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12^3, 4^5, 3^{16}, 2\})$	22369536
12	$\mathcal{O}(0; \{12^3, 4^7, 3, 2^{18}\})$	3072
12	$\mathcal{O}(0; \{12^3, 4^7, 3^4, 2^{14}\})$	21504
12	$\mathcal{O}(0; \{12^3, 4^7, 3^7, 2^{10}\})$	175104
12	$\mathcal{O}(0; \{12^3, 4^7, 3^{10}, 2^6\})$	1397760
12	$\mathcal{O}(0; \{12^3, 4^7, 3^{13}, 2^2\})$	11185152
12	$\mathcal{O}(0; \{12^3, 4^9, 3, 2^{15}\})$	12288
12	$\mathcal{O}(0; \{12^3, 4^9, 3^4, 2^{11}\})$	86016

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 4^9, 3^7, 2^7\})$	700416
12	$\mathcal{O}(0; \{12^3, 4^9, 3^{10}, 2^3\})$	5591040
12	$\mathcal{O}(0; \{12^3, 4^{11}, 3, 2^{12}\})$	49152
12	$\mathcal{O}(0; \{12^3, 4^{11}, 3^4, 2^8\})$	344064
12	$\mathcal{O}(0; \{12^3, 4^{11}, 3^7, 2^4\})$	2801664
12	$\mathcal{O}(0; \{12^3, 4^{11}, 3^{10}\})$	22364160
12	$\mathcal{O}(0; \{12^3, 4^{13}, 3, 2^9\})$	196608
12	$\mathcal{O}(0; \{12^3, 4^{13}, 3^4, 2^5\})$	1376256
12	$\mathcal{O}(0; \{12^3, 4^{13}, 3^7, 2\})$	11206656
12	$\mathcal{O}(0; \{12^3, 4^{15}, 3, 2^6\})$	786432
12	$\mathcal{O}(0; \{12^3, 4^{15}, 3^4, 2^2\})$	5505024
12	$\mathcal{O}(0; \{12^3, 4^{17}, 3, 2^3\})$	3145728
12	$\mathcal{O}(0; \{12^3, 4^{19}, 3\})$	12582912
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^2, 2^{24}\})$	176
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^5, 2^{20}\})$	1360
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^8, 2^{16}\})$	10928
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{11}, 2^{12}\})$	87376
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{14}, 2^8\})$	699056
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{17}, 2^4\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{20}\})$	44739248
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^2, 2^{21}\})$	704
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^5, 2^{17}\})$	5440
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^8, 2^{13}\})$	43712
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^{11}, 2^9\})$	349504
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^{14}, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^{17}, 2\})$	22369600
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^2, 2^{18}\})$	2816
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^5, 2^{14}\})$	21760
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^8, 2^{10}\})$	174848
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^{11}, 2^6\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^{14}, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^2, 2^{15}\})$	11264
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^5, 2^{11}\})$	87040
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^8, 2^7\})$	699392
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^{11}, 2^3\})$	5592064
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3^2, 2^{12}\})$	45056
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3^5, 2^8\})$	348160
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3^8, 2^4\})$	2797568
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3^{11}\})$	22368256
12	$\mathcal{O}(0; \{12^3, 6, 4^{11}, 3^2, 2^9\})$	180224
12	$\mathcal{O}(0; \{12^3, 6, 4^{11}, 3^5, 2^5\})$	1392640
12	$\mathcal{O}(0; \{12^3, 6, 4^{11}, 3^8, 2\})$	11190272
12	$\mathcal{O}(0; \{12^3, 6, 4^{13}, 3^2, 2^6\})$	720896

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6, 4^{13}, 3^5, 2^2\})$	5570560
12	$\mathcal{O}(0; \{12^3, 6, 4^{15}, 3^2, 2^3\})$	2883584
12	$\mathcal{O}(0; \{12^3, 6, 4^{17}, 3^2\})$	11534336
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 2^{25}\})$	80
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^3, 2^{21}\})$	688
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^6, 2^{17}\})$	5456
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^9, 2^{13}\})$	43696
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^{12}, 2^9\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^{15}, 2^5\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^{18}, 2\})$	22369616
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 2^{22}\})$	320
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^3, 2^{18}\})$	2752
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^6, 2^{14}\})$	21824
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^9, 2^{10}\})$	174784
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^{12}, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^{15}, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 2^{19}\})$	1280
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^3, 2^{15}\})$	11008
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^6, 2^{11}\})$	87296
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^9, 2^7\})$	699136
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^{12}, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 2^{16}\})$	5120
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^3, 2^{12}\})$	44032
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^6, 2^8\})$	349184
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^9, 2^4\})$	2796544
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^{12}\})$	22369280
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 2^{13}\})$	20480
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 3^3, 2^9\})$	176128
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 3^6, 2^5\})$	1396736
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 3^9, 2\})$	11186176
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{11}, 2^{10}\})$	81920
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{11}, 3^3, 2^6\})$	704512
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{11}, 3^6, 2^2\})$	5586944
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{13}, 2^7\})$	327680
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{13}, 3^3, 2^3\})$	2818048
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{15}, 2^4\})$	1310720
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{15}, 3^3\})$	11272192
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{17}, 2\})$	5242880
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3, 2^{22}\})$	336
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^4, 2^{18}\})$	2736
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^7, 2^{14}\})$	21840
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^{10}, 2^{10}\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^{13}, 2^6\})$	1398096

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^{16}, 2^2\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3, 2^{19}\})$	1344
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^4, 2^{15}\})$	10944
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^7, 2^{11}\})$	87360
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^{10}, 2^7\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^{13}, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3, 2^{16}\})$	5376
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^4, 2^{12}\})$	43776
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^7, 2^8\})$	349440
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^{10}, 2^4\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^{13}\})$	22369536
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3, 2^{13}\})$	21504
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3^4, 2^9\})$	175104
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3^7, 2^5\})$	1397760
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3^{10}, 2\})$	11185152
12	$\mathcal{O}(0; \{12^3, 6^3, 4^9, 3, 2^{10}\})$	86016
12	$\mathcal{O}(0; \{12^3, 6^3, 4^9, 3^4, 2^6\})$	700416
12	$\mathcal{O}(0; \{12^3, 6^3, 4^9, 3^7, 2^2\})$	5591040
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{11}, 3, 2^7\})$	344064
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{11}, 3^4, 2^3\})$	2801664
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{13}, 3, 2^4\})$	1376256
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{13}, 3^4\})$	11206656
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{15}, 3, 2\})$	5505024
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^2, 2^{19}\})$	1360
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^5, 2^{15}\})$	10928
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^8, 2^{11}\})$	87376
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^{11}, 2^7\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^{14}, 2^3\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^2, 2^{16}\})$	5440
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^5, 2^{12}\})$	43712
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^8, 2^8\})$	349504
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^{11}, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^{14}\})$	22369600
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^2, 2^{13}\})$	21760
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^5, 2^9\})$	174848
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^8, 2^5\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^{11}, 2\})$	11184896
12	$\mathcal{O}(0; \{12^3, 6^4, 4^7, 3^2, 2^{10}\})$	87040
12	$\mathcal{O}(0; \{12^3, 6^4, 4^7, 3^5, 2^6\})$	699392
12	$\mathcal{O}(0; \{12^3, 6^4, 4^7, 3^8, 2^2\})$	5592064
12	$\mathcal{O}(0; \{12^3, 6^4, 4^9, 3^2, 2^7\})$	348160
12	$\mathcal{O}(0; \{12^3, 6^4, 4^9, 3^5, 2^3\})$	2797568
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{11}, 3^2, 2^4\})$	1392640

Continued on next page

Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{11}, 3^5\})$	11190272
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{13}, 3^2, 2\})$	5570560
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 2^{20}\})$	688
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^3, 2^{16}\})$	5456
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^6, 2^{12}\})$	43696
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^9, 2^8\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^{12}, 2^4\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^{15}\})$	22369616
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 2^{17}\})$	2752
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^3, 2^{13}\})$	21824
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^6, 2^9\})$	174784
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^9, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^{12}, 2\})$	11184832
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 2^{14}\})$	11008
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 3^3, 2^{10}\})$	87296
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 3^6, 2^6\})$	699136
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 3^9, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^5, 4^7, 2^{11}\})$	44032
12	$\mathcal{O}(0; \{12^3, 6^5, 4^7, 3^3, 2^7\})$	349184
12	$\mathcal{O}(0; \{12^3, 6^5, 4^7, 3^6, 2^3\})$	2796544
12	$\mathcal{O}(0; \{12^3, 6^5, 4^9, 2^8\})$	176128
12	$\mathcal{O}(0; \{12^3, 6^5, 4^9, 3^3, 2^4\})$	1396736
12	$\mathcal{O}(0; \{12^3, 6^5, 4^9, 3^6\})$	11186176
12	$\mathcal{O}(0; \{12^3, 6^5, 4^{11}, 2^5\})$	704512
12	$\mathcal{O}(0; \{12^3, 6^5, 4^{11}, 3^3, 2\})$	5586944
12	$\mathcal{O}(0; \{12^3, 6^5, 4^{13}, 2^2\})$	2818048
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3, 2^{17}\})$	2736
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^4, 2^{13}\})$	21840
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^7, 2^9\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^{10}, 2^5\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^{13}, 2\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3, 2^{14}\})$	10944
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3^4, 2^{10}\})$	87360
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3^7, 2^6\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3^{10}, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^6, 4^5, 3, 2^{11}\})$	43776
12	$\mathcal{O}(0; \{12^3, 6^6, 4^5, 3^4, 2^7\})$	349440
12	$\mathcal{O}(0; \{12^3, 6^6, 4^5, 3^7, 2^3\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^6, 4^7, 3, 2^8\})$	175104
12	$\mathcal{O}(0; \{12^3, 6^6, 4^7, 3^4, 2^4\})$	1397760
12	$\mathcal{O}(0; \{12^3, 6^6, 4^7, 3^7\})$	11185152
12	$\mathcal{O}(0; \{12^3, 6^6, 4^9, 3, 2^5\})$	700416
12	$\mathcal{O}(0; \{12^3, 6^6, 4^9, 3^4, 2\})$	5591040

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^6, 4^{11}, 3, 2^2\})$	2801664
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^2, 2^{14}\})$	10928
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^5, 2^{10}\})$	87376
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^8, 2^6\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^{11}, 2^2\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 3^2, 2^{11}\})$	43712
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 3^5, 2^7\})$	349504
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 3^8, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^7, 4^5, 3^2, 2^8\})$	174848
12	$\mathcal{O}(0; \{12^3, 6^7, 4^5, 3^5, 2^4\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^7, 4^5, 3^8\})$	11184896
12	$\mathcal{O}(0; \{12^3, 6^7, 4^7, 3^2, 2^5\})$	699392
12	$\mathcal{O}(0; \{12^3, 6^7, 4^7, 3^5, 2\})$	5592064
12	$\mathcal{O}(0; \{12^3, 6^7, 4^9, 3^2, 2^2\})$	2797568
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 2^{15}\})$	5456
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3^3, 2^{11}\})$	43696
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3^6, 2^7\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3^9, 2^3\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^8, 4^3, 2^{12}\})$	21824
12	$\mathcal{O}(0; \{12^3, 6^8, 4^3, 3^3, 2^8\})$	174784
12	$\mathcal{O}(0; \{12^3, 6^8, 4^3, 3^6, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^8, 4^3, 3^9\})$	11184832
12	$\mathcal{O}(0; \{12^3, 6^8, 4^5, 2^9\})$	87296
12	$\mathcal{O}(0; \{12^3, 6^8, 4^5, 3^3, 2^5\})$	699136
12	$\mathcal{O}(0; \{12^3, 6^8, 4^5, 3^6, 2\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^8, 4^7, 2^6\})$	349184
12	$\mathcal{O}(0; \{12^3, 6^8, 4^7, 3^3, 2^2\})$	2796544
12	$\mathcal{O}(0; \{12^3, 6^8, 4^9, 2^3\})$	1396736
12	$\mathcal{O}(0; \{12^3, 6^8, 4^{11}\})$	5586944
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 3, 2^{12}\})$	21840
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 3^4, 2^8\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 3^7, 2^4\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 3^{10}\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6^9, 4^3, 3, 2^9\})$	87360
12	$\mathcal{O}(0; \{12^3, 6^9, 4^3, 3^4, 2^5\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^9, 4^3, 3^7, 2\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^9, 4^5, 3, 2^6\})$	349440
12	$\mathcal{O}(0; \{12^3, 6^9, 4^5, 3^4, 2^2\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^9, 4^7, 3, 2^3\})$	1397760
12	$\mathcal{O}(0; \{12^3, 6^9, 4^9, 3\})$	5591040
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4, 3^2, 2^9\})$	87376
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4, 3^5, 2^5\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4, 3^8, 2\})$	5592400

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^3, 3^2, 2^6\})$	349504
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^3, 3^5, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^5, 3^2, 2^3\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^7, 3^2\})$	5592064
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4, 2^{10}\})$	43696
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4, 3^3, 2^6\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4, 3^6, 2^2\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^3, 2^7\})$	174784
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^3, 3^3, 2^3\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^5, 2^4\})$	699136
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^5, 3^3\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^7, 2\})$	2796544
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4, 3, 2^7\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4, 3^4, 2^3\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4^3, 3, 2^4\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4^3, 3^4\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4^5, 3, 2\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4, 3^2, 2^4\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4, 3^5\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4^3, 3^2, 2\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^{14}, 4, 2^5\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^{14}, 4, 3^3, 2\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^{14}, 4^3, 2^2\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^{15}, 4, 3, 2^2\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^{17}, 4\})$	2796208
12	$\mathcal{O}(0; \{12^4, 2^{28}\})$	48
12	$\mathcal{O}(0; \{12^4, 3^3, 2^{24}\})$	336
12	$\mathcal{O}(0; \{12^4, 3^6, 2^{20}\})$	2736
12	$\mathcal{O}(0; \{12^4, 3^9, 2^{16}\})$	21840
12	$\mathcal{O}(0; \{12^4, 3^{12}, 2^{12}\})$	174768
12	$\mathcal{O}(0; \{12^4, 3^{15}, 2^8\})$	1398096
12	$\mathcal{O}(0; \{12^4, 3^{18}, 2^4\})$	11184816
12	$\mathcal{O}(0; \{12^4, 3^{21}\})$	89478480
12	$\mathcal{O}(0; \{12^4, 4^2, 2^{25}\})$	192
12	$\mathcal{O}(0; \{12^4, 4^2, 3^3, 2^{21}\})$	1344
12	$\mathcal{O}(0; \{12^4, 4^2, 3^6, 2^{17}\})$	10944
12	$\mathcal{O}(0; \{12^4, 4^2, 3^9, 2^{13}\})$	87360
12	$\mathcal{O}(0; \{12^4, 4^2, 3^{12}, 2^9\})$	699072
12	$\mathcal{O}(0; \{12^4, 4^2, 3^{15}, 2^5\})$	5592384
12	$\mathcal{O}(0; \{12^4, 4^2, 3^{18}, 2\})$	44739264
12	$\mathcal{O}(0; \{12^4, 4^4, 2^{22}\})$	768
12	$\mathcal{O}(0; \{12^4, 4^4, 3^3, 2^{18}\})$	5376
12	$\mathcal{O}(0; \{12^4, 4^4, 3^6, 2^{14}\})$	43776

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 4^4, 3^9, 2^{10}\})$	349440
12	$\mathcal{O}(0; \{12^4, 4^4, 3^{12}, 2^6\})$	2796288
12	$\mathcal{O}(0; \{12^4, 4^4, 3^{15}, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^4, 4^6, 2^{19}\})$	3072
12	$\mathcal{O}(0; \{12^4, 4^6, 3^3, 2^{15}\})$	21504
12	$\mathcal{O}(0; \{12^4, 4^6, 3^6, 2^{11}\})$	175104
12	$\mathcal{O}(0; \{12^4, 4^6, 3^9, 2^7\})$	1397760
12	$\mathcal{O}(0; \{12^4, 4^6, 3^{12}, 2^3\})$	11185152
12	$\mathcal{O}(0; \{12^4, 4^8, 2^{16}\})$	12288
12	$\mathcal{O}(0; \{12^4, 4^8, 3^3, 2^{12}\})$	86016
12	$\mathcal{O}(0; \{12^4, 4^8, 3^6, 2^8\})$	700416
12	$\mathcal{O}(0; \{12^4, 4^8, 3^9, 2^4\})$	5591040
12	$\mathcal{O}(0; \{12^4, 4^8, 3^{12}\})$	44740608
12	$\mathcal{O}(0; \{12^4, 4^{10}, 2^{13}\})$	49152
12	$\mathcal{O}(0; \{12^4, 4^{10}, 3^3, 2^9\})$	344064
12	$\mathcal{O}(0; \{12^4, 4^{10}, 3^6, 2^5\})$	2801664
12	$\mathcal{O}(0; \{12^4, 4^{10}, 3^9, 2\})$	22364160
12	$\mathcal{O}(0; \{12^4, 4^{12}, 2^{10}\})$	196608
12	$\mathcal{O}(0; \{12^4, 4^{12}, 3^3, 2^6\})$	1376256
12	$\mathcal{O}(0; \{12^4, 4^{12}, 3^6, 2^2\})$	11206656
12	$\mathcal{O}(0; \{12^4, 4^{14}, 2^7\})$	786432
12	$\mathcal{O}(0; \{12^4, 4^{14}, 3^3, 2^3\})$	5505024
12	$\mathcal{O}(0; \{12^4, 4^{16}, 2^4\})$	3145728
12	$\mathcal{O}(0; \{12^4, 4^{16}, 3^3\})$	22020096
12	$\mathcal{O}(0; \{12^4, 4^{18}, 2\})$	12582912
12	$\mathcal{O}(0; \{12^4, 6, 3, 2^{25}\})$	176
12	$\mathcal{O}(0; \{12^4, 6, 3^4, 2^{21}\})$	1360
12	$\mathcal{O}(0; \{12^4, 6, 3^7, 2^{17}\})$	10928
12	$\mathcal{O}(0; \{12^4, 6, 3^{10}, 2^{13}\})$	87376
12	$\mathcal{O}(0; \{12^4, 6, 3^{13}, 2^9\})$	699056
12	$\mathcal{O}(0; \{12^4, 6, 3^{16}, 2^5\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6, 3^{19}, 2\})$	44739248
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3, 2^{22}\})$	704
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^4, 2^{18}\})$	5440
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^7, 2^{14}\})$	43712
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^{10}, 2^{10}\})$	349504
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^{13}, 2^6\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^{16}, 2^2\})$	22369600
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3, 2^{19}\})$	2816
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^4, 2^{15}\})$	21760
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^7, 2^{11}\})$	174848
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^{10}, 2^7\})$	1398016
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^{13}, 2^3\})$	11184896

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3, 2^{16}\})$	11264
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^4, 2^{12}\})$	87040
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^7, 2^8\})$	699392
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^{10}, 2^4\})$	5592064
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^{13}\})$	44739584
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3, 2^{13}\})$	45056
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3^4, 2^9\})$	348160
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3^7, 2^5\})$	2797568
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3^{10}, 2\})$	22368256
12	$\mathcal{O}(0; \{12^4, 6, 4^{10}, 3, 2^{10}\})$	180224
12	$\mathcal{O}(0; \{12^4, 6, 4^{10}, 3^4, 2^6\})$	1392640
12	$\mathcal{O}(0; \{12^4, 6, 4^{10}, 3^7, 2^2\})$	11190272
12	$\mathcal{O}(0; \{12^4, 6, 4^{12}, 3, 2^7\})$	720896
12	$\mathcal{O}(0; \{12^4, 6, 4^{12}, 3^4, 2^3\})$	5570560
12	$\mathcal{O}(0; \{12^4, 6, 4^{14}, 3, 2^4\})$	2883584
12	$\mathcal{O}(0; \{12^4, 6, 4^{14}, 3^4\})$	22282240
12	$\mathcal{O}(0; \{12^4, 6, 4^{16}, 3, 2\})$	11534336
12	$\mathcal{O}(0; \{12^4, 6^2, 3^2, 2^{22}\})$	688
12	$\mathcal{O}(0; \{12^4, 6^2, 3^5, 2^{18}\})$	5456
12	$\mathcal{O}(0; \{12^4, 6^2, 3^8, 2^{14}\})$	43696
12	$\mathcal{O}(0; \{12^4, 6^2, 3^{11}, 2^{10}\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^2, 3^{14}, 2^6\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^2, 3^{17}, 2^2\})$	22369616
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^2, 2^{19}\})$	2752
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^5, 2^{15}\})$	21824
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^8, 2^{11}\})$	174784
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^{11}, 2^7\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^{14}, 2^3\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^2, 2^{16}\})$	11008
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^5, 2^{12}\})$	87296
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^8, 2^8\})$	699136
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^{11}, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^{14}\})$	44739328
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^2, 2^{13}\})$	44032
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^5, 2^9\})$	349184
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^8, 2^5\})$	2796544
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^{11}, 2\})$	22369280
12	$\mathcal{O}(0; \{12^4, 6^2, 4^8, 3^2, 2^{10}\})$	176128
12	$\mathcal{O}(0; \{12^4, 6^2, 4^8, 3^5, 2^6\})$	1396736
12	$\mathcal{O}(0; \{12^4, 6^2, 4^8, 3^8, 2^2\})$	11186176
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{10}, 3^2, 2^7\})$	704512
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{10}, 3^5, 2^3\})$	5586944
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{12}, 3^2, 2^4\})$	2818048

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{12}, 3^5\})$	22347776
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{14}, 3^2, 2\})$	11272192
12	$\mathcal{O}(0; \{12^4, 6^3, 2^{23}\})$	336
12	$\mathcal{O}(0; \{12^4, 6^3, 3^3, 2^{19}\})$	2736
12	$\mathcal{O}(0; \{12^4, 6^3, 3^6, 2^{15}\})$	21840
12	$\mathcal{O}(0; \{12^4, 6^3, 3^9, 2^{11}\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^3, 3^{12}, 2^7\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^3, 3^{15}, 2^3\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 2^{20}\})$	1344
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^3, 2^{16}\})$	10944
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^6, 2^{12}\})$	87360
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^9, 2^8\})$	699072
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^{12}, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^{15}\})$	44739264
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 2^{17}\})$	5376
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^3, 2^{13}\})$	43776
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^6, 2^9\})$	349440
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^9, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^{12}, 2\})$	22369536
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 2^{14}\})$	21504
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 3^3, 2^{10}\})$	175104
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 3^6, 2^6\})$	1397760
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 3^9, 2^2\})$	11185152
12	$\mathcal{O}(0; \{12^4, 6^3, 4^8, 2^{11}\})$	86016
12	$\mathcal{O}(0; \{12^4, 6^3, 4^8, 3^3, 2^7\})$	700416
12	$\mathcal{O}(0; \{12^4, 6^3, 4^8, 3^6, 2^3\})$	5591040
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{10}, 2^8\})$	344064
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{10}, 3^3, 2^4\})$	2801664
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{10}, 3^6\})$	22364160
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{12}, 2^5\})$	1376256
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{12}, 3^3, 2\})$	11206656
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{14}, 2^2\})$	5505024
12	$\mathcal{O}(0; \{12^4, 6^4, 3, 2^{20}\})$	1360
12	$\mathcal{O}(0; \{12^4, 6^4, 3^4, 2^{16}\})$	10928
12	$\mathcal{O}(0; \{12^4, 6^4, 3^7, 2^{12}\})$	87376
12	$\mathcal{O}(0; \{12^4, 6^4, 3^{10}, 2^8\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^4, 3^{13}, 2^4\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^4, 3^{16}\})$	44739248
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3, 2^{17}\})$	5440
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^4, 2^{13}\})$	43712
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^7, 2^9\})$	349504
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^{10}, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^{13}, 2\})$	22369600

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3, 2^{14}\})$	21760
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3^4, 2^{10}\})$	174848
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3^7, 2^6\})$	1398016
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3^{10}, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^4, 6^4, 4^6, 3, 2^{11}\})$	87040
12	$\mathcal{O}(0; \{12^4, 6^4, 4^6, 3^4, 2^7\})$	699392
12	$\mathcal{O}(0; \{12^4, 6^4, 4^6, 3^7, 2^3\})$	5592064
12	$\mathcal{O}(0; \{12^4, 6^4, 4^8, 3, 2^8\})$	348160
12	$\mathcal{O}(0; \{12^4, 6^4, 4^8, 3^4, 2^4\})$	2797568
12	$\mathcal{O}(0; \{12^4, 6^4, 4^8, 3^7\})$	22368256
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{10}, 3, 2^5\})$	1392640
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{10}, 3^4, 2\})$	11190272
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{12}, 3, 2^2\})$	5570560
12	$\mathcal{O}(0; \{12^4, 6^5, 3^2, 2^{17}\})$	5456
12	$\mathcal{O}(0; \{12^4, 6^5, 3^5, 2^{13}\})$	43696
12	$\mathcal{O}(0; \{12^4, 6^5, 3^8, 2^9\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^5, 3^{11}, 2^5\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^5, 3^{14}, 2\})$	22369616
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^2, 2^{14}\})$	21824
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^5, 2^{10}\})$	174784
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^8, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^{11}, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 3^2, 2^{11}\})$	87296
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 3^5, 2^7\})$	699136
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 3^8, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^5, 4^6, 3^2, 2^8\})$	349184
12	$\mathcal{O}(0; \{12^4, 6^5, 4^6, 3^5, 2^4\})$	2796544
12	$\mathcal{O}(0; \{12^4, 6^5, 4^6, 3^8\})$	22369280
12	$\mathcal{O}(0; \{12^4, 6^5, 4^8, 3^2, 2^5\})$	1396736
12	$\mathcal{O}(0; \{12^4, 6^5, 4^8, 3^5, 2\})$	11186176
12	$\mathcal{O}(0; \{12^4, 6^5, 4^{10}, 3^2, 2^2\})$	5586944
12	$\mathcal{O}(0; \{12^4, 6^6, 2^{18}\})$	2736
12	$\mathcal{O}(0; \{12^4, 6^6, 3^3, 2^{14}\})$	21840
12	$\mathcal{O}(0; \{12^4, 6^6, 3^6, 2^{10}\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^6, 3^9, 2^6\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^6, 3^{12}, 2^2\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 2^{15}\})$	10944
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3^3, 2^{11}\})$	87360
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3^6, 2^7\})$	699072
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3^9, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^6, 4^4, 2^{12}\})$	43776
12	$\mathcal{O}(0; \{12^4, 6^6, 4^4, 3^3, 2^8\})$	349440
12	$\mathcal{O}(0; \{12^4, 6^6, 4^4, 3^6, 2^4\})$	2796288

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^6, 4^4, 3^9\})$	22369536
12	$\mathcal{O}(0; \{12^4, 6^6, 4^6, 2^9\})$	175104
12	$\mathcal{O}(0; \{12^4, 6^6, 4^6, 3^3, 2^5\})$	1397760
12	$\mathcal{O}(0; \{12^4, 6^6, 4^6, 3^6, 2\})$	11185152
12	$\mathcal{O}(0; \{12^4, 6^6, 4^8, 2^6\})$	700416
12	$\mathcal{O}(0; \{12^4, 6^6, 4^8, 3^3, 2^2\})$	5591040
12	$\mathcal{O}(0; \{12^4, 6^6, 4^{10}, 2^3\})$	2801664
12	$\mathcal{O}(0; \{12^4, 6^6, 4^{12}\})$	11206656
12	$\mathcal{O}(0; \{12^4, 6^7, 3, 2^{15}\})$	10928
12	$\mathcal{O}(0; \{12^4, 6^7, 3^4, 2^{11}\})$	87376
12	$\mathcal{O}(0; \{12^4, 6^7, 3^7, 2^7\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^7, 3^{10}, 2^3\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 3, 2^{12}\})$	43712
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 3^4, 2^8\})$	349504
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 3^7, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 3^{10}\})$	22369600
12	$\mathcal{O}(0; \{12^4, 6^7, 4^4, 3, 2^9\})$	174848
12	$\mathcal{O}(0; \{12^4, 6^7, 4^4, 3^4, 2^5\})$	1398016
12	$\mathcal{O}(0; \{12^4, 6^7, 4^4, 3^7, 2\})$	11184896
12	$\mathcal{O}(0; \{12^4, 6^7, 4^6, 3, 2^6\})$	699392
12	$\mathcal{O}(0; \{12^4, 6^7, 4^6, 3^4, 2^2\})$	5592064
12	$\mathcal{O}(0; \{12^4, 6^7, 4^8, 3, 2^3\})$	2797568
12	$\mathcal{O}(0; \{12^4, 6^7, 4^{10}, 3\})$	11190272
12	$\mathcal{O}(0; \{12^4, 6^8, 3^2, 2^{12}\})$	43696
12	$\mathcal{O}(0; \{12^4, 6^8, 3^5, 2^8\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^8, 3^8, 2^4\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^8, 3^{11}\})$	22369616
12	$\mathcal{O}(0; \{12^4, 6^8, 4^2, 3^2, 2^9\})$	174784
12	$\mathcal{O}(0; \{12^4, 6^8, 4^2, 3^5, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^8, 4^2, 3^8, 2\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^8, 4^4, 3^2, 2^6\})$	699136
12	$\mathcal{O}(0; \{12^4, 6^8, 4^4, 3^5, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^8, 4^6, 3^2, 2^3\})$	2796544
12	$\mathcal{O}(0; \{12^4, 6^8, 4^8, 3^2\})$	11186176
12	$\mathcal{O}(0; \{12^4, 6^9, 2^{13}\})$	21840
12	$\mathcal{O}(0; \{12^4, 6^9, 3^3, 2^9\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^9, 3^6, 2^5\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^9, 3^9, 2\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^9, 4^2, 2^{10}\})$	87360
12	$\mathcal{O}(0; \{12^4, 6^9, 4^2, 3^3, 2^6\})$	699072
12	$\mathcal{O}(0; \{12^4, 6^9, 4^2, 3^6, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^9, 4^4, 2^7\})$	349440
12	$\mathcal{O}(0; \{12^4, 6^9, 4^4, 3^3, 2^3\})$	2796288

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^9, 4^6, 2^4\})$	1397760
12	$\mathcal{O}(0; \{12^4, 6^9, 4^6, 3^3\})$	11185152
12	$\mathcal{O}(0; \{12^4, 6^9, 4^8, 2\})$	5591040
12	$\mathcal{O}(0; \{12^4, 6^{10}, 3, 2^{10}\})$	87376
12	$\mathcal{O}(0; \{12^4, 6^{10}, 3^4, 2^6\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^{10}, 3^7, 2^2\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^2, 3, 2^7\})$	349504
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^2, 3^4, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^4, 3, 2^4\})$	1398016
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^4, 3^4\})$	11184896
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^6, 3, 2\})$	5592064
12	$\mathcal{O}(0; \{12^4, 6^{11}, 3^2, 2^7\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^{11}, 3^5, 2^3\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^2, 3^2, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^2, 3^5\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^4, 3^2, 2\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^{12}, 2^8\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^{12}, 3^3, 2^4\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^{12}, 3^6\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^{12}, 4^2, 2^5\})$	699072
12	$\mathcal{O}(0; \{12^4, 6^{12}, 4^2, 3^3, 2\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^{12}, 4^4, 2^2\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6^{13}, 3, 2^5\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^{13}, 3^4, 2\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^{13}, 4^2, 3, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^{14}, 3^2, 2^2\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^{15}, 2^3\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^{15}, 4^2\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^{16}, 3\})$	5592400
12	$\mathcal{O}(0; \{12^5, 4, 3^2, 2^{22}\})$	1344
12	$\mathcal{O}(0; \{12^5, 4, 3^5, 2^{18}\})$	10944
12	$\mathcal{O}(0; \{12^5, 4, 3^8, 2^{14}\})$	87360
12	$\mathcal{O}(0; \{12^5, 4, 3^{11}, 2^{10}\})$	699072
12	$\mathcal{O}(0; \{12^5, 4, 3^{14}, 2^6\})$	5592384
12	$\mathcal{O}(0; \{12^5, 4, 3^{17}, 2^2\})$	44739264
12	$\mathcal{O}(0; \{12^5, 4^3, 3^2, 2^{19}\})$	5376
12	$\mathcal{O}(0; \{12^5, 4^3, 3^5, 2^{15}\})$	43776
12	$\mathcal{O}(0; \{12^5, 4^3, 3^8, 2^{11}\})$	349440
12	$\mathcal{O}(0; \{12^5, 4^3, 3^{11}, 2^7\})$	2796288
12	$\mathcal{O}(0; \{12^5, 4^3, 3^{14}, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^5, 4^5, 3^2, 2^{16}\})$	21504
12	$\mathcal{O}(0; \{12^5, 4^5, 3^5, 2^{12}\})$	175104
12	$\mathcal{O}(0; \{12^5, 4^5, 3^8, 2^8\})$	1397760

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 4^5, 3^{11}, 2^4\})$	11185152
12	$\mathcal{O}(0; \{12^5, 4^5, 3^{14}\})$	89478144
12	$\mathcal{O}(0; \{12^5, 4^7, 3^2, 2^{13}\})$	86016
12	$\mathcal{O}(0; \{12^5, 4^7, 3^5, 2^9\})$	700416
12	$\mathcal{O}(0; \{12^5, 4^7, 3^8, 2^5\})$	5591040
12	$\mathcal{O}(0; \{12^5, 4^7, 3^{11}, 2\})$	44740608
12	$\mathcal{O}(0; \{12^5, 4^9, 3^2, 2^{10}\})$	344064
12	$\mathcal{O}(0; \{12^5, 4^9, 3^5, 2^6\})$	2801664
12	$\mathcal{O}(0; \{12^5, 4^9, 3^8, 2^2\})$	22364160
12	$\mathcal{O}(0; \{12^5, 4^{11}, 3^2, 2^7\})$	1376256
12	$\mathcal{O}(0; \{12^5, 4^{11}, 3^5, 2^3\})$	11206656
12	$\mathcal{O}(0; \{12^5, 4^{13}, 3^2, 2^4\})$	5505024
12	$\mathcal{O}(0; \{12^5, 4^{13}, 3^5\})$	44826624
12	$\mathcal{O}(0; \{12^5, 4^{15}, 3^2, 2\})$	22020096
12	$\mathcal{O}(0; \{12^5, 6, 4, 2^{23}\})$	704
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^3, 2^{19}\})$	5440
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^6, 2^{15}\})$	43712
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^9, 2^{11}\})$	349504
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^{12}, 2^7\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^{15}, 2^3\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 2^{20}\})$	2816
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^3, 2^{16}\})$	21760
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^6, 2^{12}\})$	174848
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^9, 2^8\})$	1398016
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^{12}, 2^4\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^{15}\})$	89478400
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 2^{17}\})$	11264
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^3, 2^{13}\})$	87040
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^6, 2^9\})$	699392
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^9, 2^5\})$	5592064
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^{12}, 2\})$	44739584
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 2^{14}\})$	45056
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 3^3, 2^{10}\})$	348160
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 3^6, 2^6\})$	2797568
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 3^9, 2^2\})$	22368256
12	$\mathcal{O}(0; \{12^5, 6, 4^9, 2^{11}\})$	180224
12	$\mathcal{O}(0; \{12^5, 6, 4^9, 3^3, 2^7\})$	1392640
12	$\mathcal{O}(0; \{12^5, 6, 4^9, 3^6, 2^3\})$	11190272
12	$\mathcal{O}(0; \{12^5, 6, 4^{11}, 2^8\})$	720896
12	$\mathcal{O}(0; \{12^5, 6, 4^{11}, 3^3, 2^4\})$	5570560
12	$\mathcal{O}(0; \{12^5, 6, 4^{11}, 3^6\})$	44761088
12	$\mathcal{O}(0; \{12^5, 6, 4^{13}, 2^5\})$	2883584
12	$\mathcal{O}(0; \{12^5, 6, 4^{13}, 3^3, 2\})$	22282240

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6, 4^{15}, 2^2\})$	11534336
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3, 2^{20}\})$	2752
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^4, 2^{16}\})$	21824
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^7, 2^{12}\})$	174784
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^{10}, 2^8\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^{13}, 2^4\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^{16}\})$	89478464
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3, 2^{17}\})$	11008
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^4, 2^{13}\})$	87296
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^7, 2^9\})$	699136
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^{10}, 2^5\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^{13}, 2\})$	44739328
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3, 2^{14}\})$	44032
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3^4, 2^{10}\})$	349184
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3^7, 2^6\})$	2796544
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3^{10}, 2^2\})$	22369280
12	$\mathcal{O}(0; \{12^5, 6^2, 4^7, 3, 2^{11}\})$	176128
12	$\mathcal{O}(0; \{12^5, 6^2, 4^7, 3^4, 2^7\})$	1396736
12	$\mathcal{O}(0; \{12^5, 6^2, 4^7, 3^7, 2^3\})$	11186176
12	$\mathcal{O}(0; \{12^5, 6^2, 4^9, 3, 2^8\})$	704512
12	$\mathcal{O}(0; \{12^5, 6^2, 4^9, 3^4, 2^4\})$	5586944
12	$\mathcal{O}(0; \{12^5, 6^2, 4^9, 3^7\})$	44744704
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{11}, 3, 2^5\})$	2818048
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{11}, 3^4, 2\})$	22347776
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{13}, 3, 2^2\})$	11272192
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^2, 2^{17}\})$	10944
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^5, 2^{13}\})$	87360
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^8, 2^9\})$	699072
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^{11}, 2^5\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^{14}, 2\})$	44739264
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^2, 2^{14}\})$	43776
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^5, 2^{10}\})$	349440
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^8, 2^6\})$	2796288
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^{11}, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 3^2, 2^{11}\})$	175104
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 3^5, 2^7\})$	1397760
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 3^8, 2^3\})$	11185152
12	$\mathcal{O}(0; \{12^5, 6^3, 4^7, 3^2, 2^8\})$	700416
12	$\mathcal{O}(0; \{12^5, 6^3, 4^7, 3^5, 2^4\})$	5591040
12	$\mathcal{O}(0; \{12^5, 6^3, 4^7, 3^8\})$	44740608
12	$\mathcal{O}(0; \{12^5, 6^3, 4^9, 3^2, 2^5\})$	2801664
12	$\mathcal{O}(0; \{12^5, 6^3, 4^9, 3^5, 2\})$	22364160
12	$\mathcal{O}(0; \{12^5, 6^3, 4^{11}, 3^2, 2^2\})$	11206656

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 2^{18}\})$	5440
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^3, 2^{14}\})$	43712
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^6, 2^{10}\})$	349504
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^9, 2^6\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^{12}, 2^2\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 2^{15}\})$	21760
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3^3, 2^{11}\})$	174848
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3^6, 2^7\})$	1398016
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3^9, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^4, 4^5, 2^{12}\})$	87040
12	$\mathcal{O}(0; \{12^5, 6^4, 4^5, 3^3, 2^8\})$	699392
12	$\mathcal{O}(0; \{12^5, 6^4, 4^5, 3^6, 2^4\})$	5592064
12	$\mathcal{O}(0; \{12^5, 6^4, 4^5, 3^9\})$	44739584
12	$\mathcal{O}(0; \{12^5, 6^4, 4^7, 2^9\})$	348160
12	$\mathcal{O}(0; \{12^5, 6^4, 4^7, 3^3, 2^5\})$	2797568
12	$\mathcal{O}(0; \{12^5, 6^4, 4^7, 3^6, 2\})$	22368256
12	$\mathcal{O}(0; \{12^5, 6^4, 4^9, 2^6\})$	1392640
12	$\mathcal{O}(0; \{12^5, 6^4, 4^9, 3^3, 2^2\})$	11190272
12	$\mathcal{O}(0; \{12^5, 6^4, 4^{11}, 2^3\})$	5570560
12	$\mathcal{O}(0; \{12^5, 6^4, 4^{13}\})$	22282240
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3, 2^{15}\})$	21824
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^4, 2^{11}\})$	174784
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^7, 2^7\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^{10}, 2^3\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 3, 2^{12}\})$	87296
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 3^4, 2^8\})$	699136
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 3^7, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 3^{10}\})$	44739328
12	$\mathcal{O}(0; \{12^5, 6^5, 4^5, 3, 2^9\})$	349184
12	$\mathcal{O}(0; \{12^5, 6^5, 4^5, 3^4, 2^5\})$	2796544
12	$\mathcal{O}(0; \{12^5, 6^5, 4^5, 3^7, 2\})$	22369280
12	$\mathcal{O}(0; \{12^5, 6^5, 4^7, 3, 2^6\})$	1396736
12	$\mathcal{O}(0; \{12^5, 6^5, 4^7, 3^4, 2^2\})$	11186176
12	$\mathcal{O}(0; \{12^5, 6^5, 4^9, 3, 2^3\})$	5586944
12	$\mathcal{O}(0; \{12^5, 6^5, 4^{11}, 3\})$	22347776
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3^2, 2^{12}\})$	87360
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3^5, 2^8\})$	699072
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3^8, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3^{11}\})$	44739264
12	$\mathcal{O}(0; \{12^5, 6^6, 4^3, 3^2, 2^9\})$	349440
12	$\mathcal{O}(0; \{12^5, 6^6, 4^3, 3^5, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12^5, 6^6, 4^3, 3^8, 2\})$	22369536
12	$\mathcal{O}(0; \{12^5, 6^6, 4^5, 3^2, 2^6\})$	1397760

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6^6, 4^5, 3^5, 2^2\})$	11185152
12	$\mathcal{O}(0; \{12^5, 6^6, 4^7, 3^2, 2^3\})$	5591040
12	$\mathcal{O}(0; \{12^5, 6^6, 4^9, 3^2\})$	22364160
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 2^{13}\})$	43712
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 3^3, 2^9\})$	349504
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 3^6, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 3^9, 2\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6^7, 4^3, 2^{10}\})$	174848
12	$\mathcal{O}(0; \{12^5, 6^7, 4^3, 3^3, 2^6\})$	1398016
12	$\mathcal{O}(0; \{12^5, 6^7, 4^3, 3^6, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^7, 4^5, 2^7\})$	699392
12	$\mathcal{O}(0; \{12^5, 6^7, 4^5, 3^3, 2^3\})$	5592064
12	$\mathcal{O}(0; \{12^5, 6^7, 4^7, 2^4\})$	2797568
12	$\mathcal{O}(0; \{12^5, 6^7, 4^7, 3^3\})$	22368256
12	$\mathcal{O}(0; \{12^5, 6^7, 4^9, 2\})$	11190272
12	$\mathcal{O}(0; \{12^5, 6^8, 4, 3, 2^{10}\})$	174784
12	$\mathcal{O}(0; \{12^5, 6^8, 4, 3^4, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6^8, 4, 3^7, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^8, 4^3, 3, 2^7\})$	699136
12	$\mathcal{O}(0; \{12^5, 6^8, 4^3, 3^4, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^8, 4^5, 3, 2^4\})$	2796544
12	$\mathcal{O}(0; \{12^5, 6^8, 4^5, 3^4\})$	22369280
12	$\mathcal{O}(0; \{12^5, 6^8, 4^7, 3, 2\})$	11186176
12	$\mathcal{O}(0; \{12^5, 6^9, 4, 3^2, 2^7\})$	699072
12	$\mathcal{O}(0; \{12^5, 6^9, 4, 3^5, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^9, 4^3, 3^2, 2^4\})$	2796288
12	$\mathcal{O}(0; \{12^5, 6^9, 4^3, 3^5\})$	22369536
12	$\mathcal{O}(0; \{12^5, 6^9, 4^5, 3^2, 2\})$	11185152
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4, 2^8\})$	349504
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4, 3^3, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4, 3^6\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4^3, 2^5\})$	1398016
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4^3, 3^3, 2\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4^5, 2^2\})$	5592064
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4, 3, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4, 3^4, 2\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4^3, 3, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^{12}, 4, 3^2, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^{13}, 4, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^{13}, 4^3\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^{14}, 4, 3\})$	11184832
12	$\mathcal{O}(0; \{12^6, 3, 2^{23}\})$	1344
12	$\mathcal{O}(0; \{12^6, 3^4, 2^{19}\})$	10944

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 3^7, 2^{15}\})$	87360
12	$\mathcal{O}(0; \{12^6, 3^{10}, 2^{11}\})$	699072
12	$\mathcal{O}(0; \{12^6, 3^{13}, 2^7\})$	5592384
12	$\mathcal{O}(0; \{12^6, 3^{16}, 2^3\})$	44739264
12	$\mathcal{O}(0; \{12^6, 4^2, 3, 2^{20}\})$	5376
12	$\mathcal{O}(0; \{12^6, 4^2, 3^4, 2^{16}\})$	43776
12	$\mathcal{O}(0; \{12^6, 4^2, 3^7, 2^{12}\})$	349440
12	$\mathcal{O}(0; \{12^6, 4^2, 3^{10}, 2^8\})$	2796288
12	$\mathcal{O}(0; \{12^6, 4^2, 3^{13}, 2^4\})$	22369536
12	$\mathcal{O}(0; \{12^6, 4^2, 3^{16}\})$	178957056
12	$\mathcal{O}(0; \{12^6, 4^4, 3, 2^{17}\})$	21504
12	$\mathcal{O}(0; \{12^6, 4^4, 3^4, 2^{13}\})$	175104
12	$\mathcal{O}(0; \{12^6, 4^4, 3^7, 2^9\})$	1397760
12	$\mathcal{O}(0; \{12^6, 4^4, 3^{10}, 2^5\})$	11185152
12	$\mathcal{O}(0; \{12^6, 4^4, 3^{13}, 2\})$	89478144
12	$\mathcal{O}(0; \{12^6, 4^6, 3, 2^{14}\})$	86016
12	$\mathcal{O}(0; \{12^6, 4^6, 3^4, 2^{10}\})$	700416
12	$\mathcal{O}(0; \{12^6, 4^6, 3^7, 2^6\})$	5591040
12	$\mathcal{O}(0; \{12^6, 4^6, 3^{10}, 2^2\})$	44740608
12	$\mathcal{O}(0; \{12^6, 4^8, 3, 2^{11}\})$	344064
12	$\mathcal{O}(0; \{12^6, 4^8, 3^4, 2^7\})$	2801664
12	$\mathcal{O}(0; \{12^6, 4^8, 3^7, 2^3\})$	22364160
12	$\mathcal{O}(0; \{12^6, 4^{10}, 3, 2^8\})$	1376256
12	$\mathcal{O}(0; \{12^6, 4^{10}, 3^4, 2^4\})$	11206656
12	$\mathcal{O}(0; \{12^6, 4^{10}, 3^7\})$	89456640
12	$\mathcal{O}(0; \{12^6, 4^{12}, 3, 2^5\})$	5505024
12	$\mathcal{O}(0; \{12^6, 4^{12}, 3^4, 2\})$	44826624
12	$\mathcal{O}(0; \{12^6, 4^{14}, 3, 2^2\})$	22020096
12	$\mathcal{O}(0; \{12^6, 6, 3^2, 2^{20}\})$	5440
12	$\mathcal{O}(0; \{12^6, 6, 3^5, 2^{16}\})$	43712
12	$\mathcal{O}(0; \{12^6, 6, 3^8, 2^{12}\})$	349504
12	$\mathcal{O}(0; \{12^6, 6, 3^{11}, 2^8\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6, 3^{14}, 2^4\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6, 3^{17}\})$	178956992
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^2, 2^{17}\})$	21760
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^5, 2^{13}\})$	174848
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^8, 2^9\})$	1398016
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^{11}, 2^5\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^{14}, 2\})$	89478400
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^2, 2^{14}\})$	87040
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^5, 2^{10}\})$	699392
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^8, 2^6\})$	5592064
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^{11}, 2^2\})$	44739584

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 3^2, 2^{11}\})$	348160
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 3^5, 2^7\})$	2797568
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 3^8, 2^3\})$	22368256
12	$\mathcal{O}(0; \{12^6, 6, 4^8, 3^2, 2^8\})$	1392640
12	$\mathcal{O}(0; \{12^6, 6, 4^8, 3^5, 2^4\})$	11190272
12	$\mathcal{O}(0; \{12^6, 6, 4^8, 3^8\})$	89473024
12	$\mathcal{O}(0; \{12^6, 6, 4^{10}, 3^2, 2^5\})$	5570560
12	$\mathcal{O}(0; \{12^6, 6, 4^{10}, 3^5, 2\})$	44761088
12	$\mathcal{O}(0; \{12^6, 6, 4^{12}, 3^2, 2^2\})$	22282240
12	$\mathcal{O}(0; \{12^6, 6^2, 2^{21}\})$	2752
12	$\mathcal{O}(0; \{12^6, 6^2, 3^3, 2^{17}\})$	21824
12	$\mathcal{O}(0; \{12^6, 6^2, 3^6, 2^{13}\})$	174784
12	$\mathcal{O}(0; \{12^6, 6^2, 3^9, 2^9\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6^2, 3^{12}, 2^5\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^2, 3^{15}, 2\})$	89478464
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 2^{18}\})$	11008
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^3, 2^{14}\})$	87296
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^6, 2^{10}\})$	699136
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^9, 2^6\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^{12}, 2^2\})$	44739328
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 2^{15}\})$	44032
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3^3, 2^{11}\})$	349184
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3^6, 2^7\})$	2796544
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3^9, 2^3\})$	22369280
12	$\mathcal{O}(0; \{12^6, 6^2, 4^6, 2^{12}\})$	176128
12	$\mathcal{O}(0; \{12^6, 6^2, 4^6, 3^3, 2^8\})$	1396736
12	$\mathcal{O}(0; \{12^6, 6^2, 4^6, 3^6, 2^4\})$	11186176
12	$\mathcal{O}(0; \{12^6, 6^2, 4^6, 3^9\})$	89477120
12	$\mathcal{O}(0; \{12^6, 6^2, 4^8, 2^9\})$	704512
12	$\mathcal{O}(0; \{12^6, 6^2, 4^8, 3^3, 2^5\})$	5586944
12	$\mathcal{O}(0; \{12^6, 6^2, 4^8, 3^6, 2\})$	44744704
12	$\mathcal{O}(0; \{12^6, 6^2, 4^{10}, 2^6\})$	2818048
12	$\mathcal{O}(0; \{12^6, 6^2, 4^{10}, 3^3, 2^2\})$	22347776
12	$\mathcal{O}(0; \{12^6, 6^2, 4^{12}, 2^3\})$	11272192
12	$\mathcal{O}(0; \{12^6, 6^2, 4^{14}\})$	45088768
12	$\mathcal{O}(0; \{12^6, 6^3, 3, 2^{18}\})$	10944
12	$\mathcal{O}(0; \{12^6, 6^3, 3^4, 2^{14}\})$	87360
12	$\mathcal{O}(0; \{12^6, 6^3, 3^7, 2^{10}\})$	699072
12	$\mathcal{O}(0; \{12^6, 6^3, 3^{10}, 2^6\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^3, 3^{13}, 2^2\})$	44739264
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3, 2^{15}\})$	43776
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^4, 2^{11}\})$	349440
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^7, 2^7\})$	2796288

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^{10}, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 3, 2^{12}\})$	175104
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 3^4, 2^8\})$	1397760
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 3^7, 2^4\})$	11185152
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 3^{10}\})$	89478144
12	$\mathcal{O}(0; \{12^6, 6^3, 4^6, 3, 2^9\})$	700416
12	$\mathcal{O}(0; \{12^6, 6^3, 4^6, 3^4, 2^5\})$	5591040
12	$\mathcal{O}(0; \{12^6, 6^3, 4^6, 3^7, 2\})$	44740608
12	$\mathcal{O}(0; \{12^6, 6^3, 4^8, 3, 2^6\})$	2801664
12	$\mathcal{O}(0; \{12^6, 6^3, 4^8, 3^4, 2^2\})$	22364160
12	$\mathcal{O}(0; \{12^6, 6^3, 4^{10}, 3, 2^3\})$	11206656
12	$\mathcal{O}(0; \{12^6, 6^3, 4^{12}, 3\})$	44826624
12	$\mathcal{O}(0; \{12^6, 6^4, 3^2, 2^{15}\})$	43712
12	$\mathcal{O}(0; \{12^6, 6^4, 3^5, 2^{11}\})$	349504
12	$\mathcal{O}(0; \{12^6, 6^4, 3^8, 2^7\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^4, 3^{11}, 2^3\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3^2, 2^{12}\})$	174848
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3^5, 2^8\})$	1398016
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3^8, 2^4\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3^{11}\})$	89478400
12	$\mathcal{O}(0; \{12^6, 6^4, 4^4, 3^2, 2^9\})$	699392
12	$\mathcal{O}(0; \{12^6, 6^4, 4^4, 3^5, 2^5\})$	5592064
12	$\mathcal{O}(0; \{12^6, 6^4, 4^4, 3^8, 2\})$	44739584
12	$\mathcal{O}(0; \{12^6, 6^4, 4^6, 3^2, 2^6\})$	2797568
12	$\mathcal{O}(0; \{12^6, 6^4, 4^6, 3^5, 2^2\})$	22368256
12	$\mathcal{O}(0; \{12^6, 6^4, 4^8, 3^2, 2^3\})$	11190272
12	$\mathcal{O}(0; \{12^6, 6^4, 4^{10}, 3^2\})$	44761088
12	$\mathcal{O}(0; \{12^6, 6^5, 2^{16}\})$	21824
12	$\mathcal{O}(0; \{12^6, 6^5, 3^3, 2^{12}\})$	174784
12	$\mathcal{O}(0; \{12^6, 6^5, 3^6, 2^8\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6^5, 3^9, 2^4\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^5, 3^{12}\})$	89478464
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 2^{13}\})$	87296
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 3^3, 2^9\})$	699136
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 3^6, 2^5\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 3^9, 2\})$	44739328
12	$\mathcal{O}(0; \{12^6, 6^5, 4^4, 2^{10}\})$	349184
12	$\mathcal{O}(0; \{12^6, 6^5, 4^4, 3^3, 2^6\})$	2796544
12	$\mathcal{O}(0; \{12^6, 6^5, 4^4, 3^6, 2^2\})$	22369280
12	$\mathcal{O}(0; \{12^6, 6^5, 4^6, 2^7\})$	1396736
12	$\mathcal{O}(0; \{12^6, 6^5, 4^6, 3^3, 2^3\})$	11186176
12	$\mathcal{O}(0; \{12^6, 6^5, 4^8, 2^4\})$	5586944
12	$\mathcal{O}(0; \{12^6, 6^5, 4^8, 3^3\})$	44744704

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6^5, 4^{10}, 2\})$	22347776
12	$\mathcal{O}(0; \{12^6, 6^6, 3, 2^{13}\})$	87360
12	$\mathcal{O}(0; \{12^6, 6^6, 3^4, 2^9\})$	699072
12	$\mathcal{O}(0; \{12^6, 6^6, 3^7, 2^5\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^6, 3^{10}, 2\})$	44739264
12	$\mathcal{O}(0; \{12^6, 6^6, 4^2, 3, 2^{10}\})$	349440
12	$\mathcal{O}(0; \{12^6, 6^6, 4^2, 3^4, 2^6\})$	2796288
12	$\mathcal{O}(0; \{12^6, 6^6, 4^2, 3^7, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^6, 4^4, 3, 2^7\})$	1397760
12	$\mathcal{O}(0; \{12^6, 6^6, 4^4, 3^4, 2^3\})$	11185152
12	$\mathcal{O}(0; \{12^6, 6^6, 4^6, 3, 2^4\})$	5591040
12	$\mathcal{O}(0; \{12^6, 6^6, 4^6, 3^4\})$	44740608
12	$\mathcal{O}(0; \{12^6, 6^6, 4^8, 3, 2\})$	22364160
12	$\mathcal{O}(0; \{12^6, 6^7, 3^2, 2^{10}\})$	349504
12	$\mathcal{O}(0; \{12^6, 6^7, 3^5, 2^6\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^7, 3^8, 2^2\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^7, 4^2, 3^2, 2^7\})$	1398016
12	$\mathcal{O}(0; \{12^6, 6^7, 4^2, 3^5, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^7, 4^4, 3^2, 2^4\})$	5592064
12	$\mathcal{O}(0; \{12^6, 6^7, 4^4, 3^5\})$	44739584
12	$\mathcal{O}(0; \{12^6, 6^7, 4^6, 3^2, 2\})$	22368256
12	$\mathcal{O}(0; \{12^6, 6^8, 2^{11}\})$	174784
12	$\mathcal{O}(0; \{12^6, 6^8, 3^3, 2^7\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6^8, 3^6, 2^3\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^8, 4^2, 2^8\})$	699136
12	$\mathcal{O}(0; \{12^6, 6^8, 4^2, 3^3, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6^8, 4^2, 3^6\})$	44739328
12	$\mathcal{O}(0; \{12^6, 6^8, 4^4, 2^5\})$	2796544
12	$\mathcal{O}(0; \{12^6, 6^8, 4^4, 3^3, 2\})$	22369280
12	$\mathcal{O}(0; \{12^6, 6^8, 4^6, 2^2\})$	11186176
12	$\mathcal{O}(0; \{12^6, 6^9, 3, 2^8\})$	699072
12	$\mathcal{O}(0; \{12^6, 6^9, 3^4, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^9, 3^7\})$	44739264
12	$\mathcal{O}(0; \{12^6, 6^9, 4^2, 3, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12^6, 6^9, 4^2, 3^4, 2\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^9, 4^4, 3, 2^2\})$	11185152
12	$\mathcal{O}(0; \{12^6, 6^{10}, 3^2, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^{10}, 3^5, 2\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^{10}, 4^2, 3^2, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^{11}, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6^{11}, 3^3, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^{11}, 4^2, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6^{11}, 4^4\})$	22369280

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6^{12}, 3, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^{12}, 4^2, 3\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^{13}, 3^2\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^{14}, 2\})$	11184832
12	$\mathcal{O}(0; \{12^7, 4, 2^{21}\})$	5376
12	$\mathcal{O}(0; \{12^7, 4, 3^3, 2^{17}\})$	43776
12	$\mathcal{O}(0; \{12^7, 4, 3^6, 2^{13}\})$	349440
12	$\mathcal{O}(0; \{12^7, 4, 3^9, 2^9\})$	2796288
12	$\mathcal{O}(0; \{12^7, 4, 3^{12}, 2^5\})$	22369536
12	$\mathcal{O}(0; \{12^7, 4, 3^{15}, 2\})$	178957056
12	$\mathcal{O}(0; \{12^7, 4^3, 2^{18}\})$	21504
12	$\mathcal{O}(0; \{12^7, 4^3, 3^3, 2^{14}\})$	175104
12	$\mathcal{O}(0; \{12^7, 4^3, 3^6, 2^{10}\})$	1397760
12	$\mathcal{O}(0; \{12^7, 4^3, 3^9, 2^6\})$	11185152
12	$\mathcal{O}(0; \{12^7, 4^3, 3^{12}, 2^2\})$	89478144
12	$\mathcal{O}(0; \{12^7, 4^5, 2^{15}\})$	86016
12	$\mathcal{O}(0; \{12^7, 4^5, 3^3, 2^{11}\})$	700416
12	$\mathcal{O}(0; \{12^7, 4^5, 3^6, 2^7\})$	5591040
12	$\mathcal{O}(0; \{12^7, 4^5, 3^9, 2^3\})$	44740608
12	$\mathcal{O}(0; \{12^7, 4^7, 2^{12}\})$	344064
12	$\mathcal{O}(0; \{12^7, 4^7, 3^3, 2^8\})$	2801664
12	$\mathcal{O}(0; \{12^7, 4^7, 3^6, 2^4\})$	22364160
12	$\mathcal{O}(0; \{12^7, 4^7, 3^9\})$	178962432
12	$\mathcal{O}(0; \{12^7, 4^9, 2^9\})$	1376256
12	$\mathcal{O}(0; \{12^7, 4^9, 3^3, 2^5\})$	11206656
12	$\mathcal{O}(0; \{12^7, 4^9, 3^6, 2\})$	89456640
12	$\mathcal{O}(0; \{12^7, 4^{11}, 2^6\})$	5505024
12	$\mathcal{O}(0; \{12^7, 4^{11}, 3^3, 2^2\})$	44826624
12	$\mathcal{O}(0; \{12^7, 4^{13}, 2^3\})$	22020096
12	$\mathcal{O}(0; \{12^7, 4^{15}\})$	88080384
12	$\mathcal{O}(0; \{12^7, 6, 4, 3, 2^{18}\})$	21760
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^4, 2^{14}\})$	174848
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^7, 2^{10}\})$	1398016
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^{10}, 2^6\})$	11184896
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^{13}, 2^2\})$	89478400
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3, 2^{15}\})$	87040
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^4, 2^{11}\})$	699392
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^7, 2^7\})$	5592064
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^{10}, 2^3\})$	44739584
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 3, 2^{12}\})$	348160
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 3^4, 2^8\})$	2797568
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 3^7, 2^4\})$	22368256
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 3^{10}\})$	178958336

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^7, 6, 4^7, 3, 2^9\})$	1392640
12	$\mathcal{O}(0; \{12^7, 6, 4^7, 3^4, 2^5\})$	11190272
12	$\mathcal{O}(0; \{12^7, 6, 4^7, 3^7, 2\})$	89473024
12	$\mathcal{O}(0; \{12^7, 6, 4^9, 3, 2^6\})$	5570560
12	$\mathcal{O}(0; \{12^7, 6, 4^9, 3^4, 2^2\})$	44761088
12	$\mathcal{O}(0; \{12^7, 6, 4^{11}, 3, 2^3\})$	22282240
12	$\mathcal{O}(0; \{12^7, 6, 4^{13}, 3\})$	89128960
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^2, 2^{15}\})$	87296
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^5, 2^{11}\})$	699136
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^8, 2^7\})$	5592320
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^{11}, 2^3\})$	44739328
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3^2, 2^{12}\})$	349184
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3^5, 2^8\})$	2796544
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3^8, 2^4\})$	22369280
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3^{11}\})$	178957312
12	$\mathcal{O}(0; \{12^7, 6^2, 4^5, 3^2, 2^9\})$	1396736
12	$\mathcal{O}(0; \{12^7, 6^2, 4^5, 3^5, 2^5\})$	11186176
12	$\mathcal{O}(0; \{12^7, 6^2, 4^5, 3^8, 2\})$	89477120
12	$\mathcal{O}(0; \{12^7, 6^2, 4^7, 3^2, 2^6\})$	5586944
12	$\mathcal{O}(0; \{12^7, 6^2, 4^7, 3^5, 2^2\})$	44744704
12	$\mathcal{O}(0; \{12^7, 6^2, 4^9, 3^2, 2^3\})$	22347776
12	$\mathcal{O}(0; \{12^7, 6^2, 4^{11}, 3^2\})$	89391104
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 2^{16}\})$	43776
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^3, 2^{12}\})$	349440
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^6, 2^8\})$	2796288
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^9, 2^4\})$	22369536
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^{12}\})$	178957056
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 2^{13}\})$	175104
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 3^3, 2^9\})$	1397760
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 3^6, 2^5\})$	11185152
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 3^9, 2\})$	89478144
12	$\mathcal{O}(0; \{12^7, 6^3, 4^5, 2^{10}\})$	700416
12	$\mathcal{O}(0; \{12^7, 6^3, 4^5, 3^3, 2^6\})$	5591040
12	$\mathcal{O}(0; \{12^7, 6^3, 4^5, 3^6, 2^2\})$	44740608
12	$\mathcal{O}(0; \{12^7, 6^3, 4^7, 2^7\})$	2801664
12	$\mathcal{O}(0; \{12^7, 6^3, 4^7, 3^3, 2^3\})$	22364160
12	$\mathcal{O}(0; \{12^7, 6^3, 4^9, 2^4\})$	11206656
12	$\mathcal{O}(0; \{12^7, 6^3, 4^9, 3^3\})$	89456640
12	$\mathcal{O}(0; \{12^7, 6^3, 4^{11}, 2\})$	44826624
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3, 2^{13}\})$	174848
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3^4, 2^9\})$	1398016
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3^7, 2^5\})$	11184896
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3^{10}, 2\})$	89478400

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^7, 6^4, 4^3, 3, 2^{10}\})$	699392
12	$\mathcal{O}(0; \{12^7, 6^4, 4^3, 3^4, 2^6\})$	5592064
12	$\mathcal{O}(0; \{12^7, 6^4, 4^3, 3^7, 2^2\})$	44739584
12	$\mathcal{O}(0; \{12^7, 6^4, 4^5, 3, 2^7\})$	2797568
12	$\mathcal{O}(0; \{12^7, 6^4, 4^5, 3^4, 2^3\})$	22368256
12	$\mathcal{O}(0; \{12^7, 6^4, 4^7, 3, 2^4\})$	11190272
12	$\mathcal{O}(0; \{12^7, 6^4, 4^7, 3^4\})$	89473024
12	$\mathcal{O}(0; \{12^7, 6^4, 4^9, 3, 2\})$	44761088
12	$\mathcal{O}(0; \{12^7, 6^5, 4, 3^2, 2^{10}\})$	699136
12	$\mathcal{O}(0; \{12^7, 6^5, 4, 3^5, 2^6\})$	5592320
12	$\mathcal{O}(0; \{12^7, 6^5, 4, 3^8, 2^2\})$	44739328
12	$\mathcal{O}(0; \{12^7, 6^5, 4^3, 3^2, 2^7\})$	2796544
12	$\mathcal{O}(0; \{12^7, 6^5, 4^3, 3^5, 2^3\})$	22369280
12	$\mathcal{O}(0; \{12^7, 6^5, 4^5, 3^2, 2^4\})$	11186176
12	$\mathcal{O}(0; \{12^7, 6^5, 4^5, 3^5\})$	89477120
12	$\mathcal{O}(0; \{12^7, 6^5, 4^7, 3^2, 2\})$	44744704
12	$\mathcal{O}(0; \{12^7, 6^6, 4, 2^{11}\})$	349440
12	$\mathcal{O}(0; \{12^7, 6^6, 4, 3^3, 2^7\})$	2796288
12	$\mathcal{O}(0; \{12^7, 6^6, 4, 3^6, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^7, 6^6, 4^3, 2^8\})$	1397760
12	$\mathcal{O}(0; \{12^7, 6^6, 4^3, 3^3, 2^4\})$	11185152
12	$\mathcal{O}(0; \{12^7, 6^6, 4^3, 3^6\})$	89478144
12	$\mathcal{O}(0; \{12^7, 6^6, 4^5, 2^5\})$	5591040
12	$\mathcal{O}(0; \{12^7, 6^6, 4^5, 3^3, 2\})$	44740608
12	$\mathcal{O}(0; \{12^7, 6^6, 4^7, 2^2\})$	22364160
12	$\mathcal{O}(0; \{12^7, 6^7, 4, 3, 2^8\})$	1398016
12	$\mathcal{O}(0; \{12^7, 6^7, 4, 3^4, 2^4\})$	11184896
12	$\mathcal{O}(0; \{12^7, 6^7, 4, 3^7\})$	89478400
12	$\mathcal{O}(0; \{12^7, 6^7, 4^3, 3, 2^5\})$	5592064
12	$\mathcal{O}(0; \{12^7, 6^7, 4^3, 3^4, 2\})$	44739584
12	$\mathcal{O}(0; \{12^7, 6^7, 4^5, 3, 2^2\})$	22368256
12	$\mathcal{O}(0; \{12^7, 6^8, 4, 3^2, 2^5\})$	5592320
12	$\mathcal{O}(0; \{12^7, 6^8, 4, 3^5, 2\})$	44739328
12	$\mathcal{O}(0; \{12^7, 6^8, 4^3, 3^2, 2^2\})$	22369280
12	$\mathcal{O}(0; \{12^7, 6^9, 4, 2^6\})$	2796288
12	$\mathcal{O}(0; \{12^7, 6^9, 4, 3^3, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^7, 6^9, 4^3, 2^3\})$	11185152
12	$\mathcal{O}(0; \{12^7, 6^9, 4^5\})$	44740608
12	$\mathcal{O}(0; \{12^7, 6^{10}, 4, 3, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^7, 6^{10}, 4^3, 3\})$	44739584
12	$\mathcal{O}(0; \{12^7, 6^{11}, 4, 3^2\})$	44739328
12	$\mathcal{O}(0; \{12^7, 6^{12}, 4, 2\})$	22369536
12	$\mathcal{O}(0; \{12^8, 3^2, 2^{18}\})$	43776

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^8, 3^5, 2^{14}\})$	349440
12	$\mathcal{O}(0; \{12^8, 3^8, 2^{10}\})$	2796288
12	$\mathcal{O}(0; \{12^8, 3^{11}, 2^6\})$	22369536
12	$\mathcal{O}(0; \{12^8, 3^{14}, 2^2\})$	178957056
12	$\mathcal{O}(0; \{12^8, 4^2, 3^2, 2^{15}\})$	175104
12	$\mathcal{O}(0; \{12^8, 4^2, 3^5, 2^{11}\})$	1397760
12	$\mathcal{O}(0; \{12^8, 4^2, 3^8, 2^7\})$	11185152
12	$\mathcal{O}(0; \{12^8, 4^2, 3^{11}, 2^3\})$	89478144
12	$\mathcal{O}(0; \{12^8, 4^4, 3^2, 2^{12}\})$	700416
12	$\mathcal{O}(0; \{12^8, 4^4, 3^5, 2^8\})$	5591040
12	$\mathcal{O}(0; \{12^8, 4^4, 3^8, 2^4\})$	44740608
12	$\mathcal{O}(0; \{12^8, 4^4, 3^{11}\})$	357912576
12	$\mathcal{O}(0; \{12^8, 4^6, 3^2, 2^9\})$	2801664
12	$\mathcal{O}(0; \{12^8, 4^6, 3^5, 2^5\})$	22364160
12	$\mathcal{O}(0; \{12^8, 4^6, 3^8, 2\})$	178962432
12	$\mathcal{O}(0; \{12^8, 4^8, 3^2, 2^6\})$	11206656
12	$\mathcal{O}(0; \{12^8, 4^8, 3^5, 2^2\})$	89456640
12	$\mathcal{O}(0; \{12^8, 4^{10}, 3^2, 2^3\})$	44826624
12	$\mathcal{O}(0; \{12^8, 4^{12}, 3^2\})$	179306496
12	$\mathcal{O}(0; \{12^8, 6, 2^{19}\})$	21760
12	$\mathcal{O}(0; \{12^8, 6, 3^3, 2^{15}\})$	174848
12	$\mathcal{O}(0; \{12^8, 6, 3^6, 2^{11}\})$	1398016
12	$\mathcal{O}(0; \{12^8, 6, 3^9, 2^7\})$	11184896
12	$\mathcal{O}(0; \{12^8, 6, 3^{12}, 2^3\})$	89478400
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 2^{16}\})$	87040
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^3, 2^{12}\})$	699392
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^6, 2^8\})$	5592064
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^9, 2^4\})$	44739584
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^{12}\})$	357913600
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 2^{13}\})$	348160
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 3^3, 2^9\})$	2797568
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 3^6, 2^5\})$	22368256
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 3^9, 2\})$	178958336
12	$\mathcal{O}(0; \{12^8, 6, 4^6, 2^{10}\})$	1392640
12	$\mathcal{O}(0; \{12^8, 6, 4^6, 3^3, 2^6\})$	11190272
12	$\mathcal{O}(0; \{12^8, 6, 4^6, 3^6, 2^2\})$	89473024
12	$\mathcal{O}(0; \{12^8, 6, 4^8, 2^7\})$	5570560
12	$\mathcal{O}(0; \{12^8, 6, 4^8, 3^3, 2^3\})$	44761088
12	$\mathcal{O}(0; \{12^8, 6, 4^{10}, 2^4\})$	22282240
12	$\mathcal{O}(0; \{12^8, 6, 4^{10}, 3^3\})$	179044352
12	$\mathcal{O}(0; \{12^8, 6, 4^{12}, 2\})$	89128960
12	$\mathcal{O}(0; \{12^8, 6^2, 3, 2^{16}\})$	87296
12	$\mathcal{O}(0; \{12^8, 6^2, 3^4, 2^{12}\})$	699136

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^8, 6^2, 3^7, 2^8\})$	5592320
12	$\mathcal{O}(0; \{12^8, 6^2, 3^{10}, 2^4\})$	44739328
12	$\mathcal{O}(0; \{12^8, 6^2, 3^{13}\})$	357913856
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3, 2^{13}\})$	349184
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3^4, 2^9\})$	2796544
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3^7, 2^5\})$	22369280
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3^{10}, 2\})$	178957312
12	$\mathcal{O}(0; \{12^8, 6^2, 4^4, 3, 2^{10}\})$	1396736
12	$\mathcal{O}(0; \{12^8, 6^2, 4^4, 3^4, 2^6\})$	11186176
12	$\mathcal{O}(0; \{12^8, 6^2, 4^4, 3^7, 2^2\})$	89477120
12	$\mathcal{O}(0; \{12^8, 6^2, 4^6, 3, 2^7\})$	5586944
12	$\mathcal{O}(0; \{12^8, 6^2, 4^6, 3^4, 2^3\})$	44744704
12	$\mathcal{O}(0; \{12^8, 6^2, 4^8, 3, 2^4\})$	22347776
12	$\mathcal{O}(0; \{12^8, 6^2, 4^8, 3^4\})$	178978816
12	$\mathcal{O}(0; \{12^8, 6^2, 4^{10}, 3, 2\})$	89391104
12	$\mathcal{O}(0; \{12^8, 6^3, 3^2, 2^{13}\})$	349440
12	$\mathcal{O}(0; \{12^8, 6^3, 3^5, 2^9\})$	2796288
12	$\mathcal{O}(0; \{12^8, 6^3, 3^8, 2^5\})$	22369536
12	$\mathcal{O}(0; \{12^8, 6^3, 3^{11}, 2\})$	178957056
12	$\mathcal{O}(0; \{12^8, 6^3, 4^2, 3^2, 2^{10}\})$	1397760
12	$\mathcal{O}(0; \{12^8, 6^3, 4^2, 3^5, 2^6\})$	11185152
12	$\mathcal{O}(0; \{12^8, 6^3, 4^2, 3^8, 2^2\})$	89478144
12	$\mathcal{O}(0; \{12^8, 6^3, 4^4, 3^2, 2^7\})$	5591040
12	$\mathcal{O}(0; \{12^8, 6^3, 4^4, 3^5, 2^3\})$	44740608
12	$\mathcal{O}(0; \{12^8, 6^3, 4^6, 3^2, 2^4\})$	22364160
12	$\mathcal{O}(0; \{12^8, 6^3, 4^6, 3^5\})$	178962432
12	$\mathcal{O}(0; \{12^8, 6^3, 4^8, 3^2, 2\})$	89456640
12	$\mathcal{O}(0; \{12^8, 6^4, 2^{14}\})$	174848
12	$\mathcal{O}(0; \{12^8, 6^4, 3^3, 2^{10}\})$	1398016
12	$\mathcal{O}(0; \{12^8, 6^4, 3^6, 2^6\})$	11184896
12	$\mathcal{O}(0; \{12^8, 6^4, 3^9, 2^2\})$	89478400
12	$\mathcal{O}(0; \{12^8, 6^4, 4^2, 2^{11}\})$	699392
12	$\mathcal{O}(0; \{12^8, 6^4, 4^2, 3^3, 2^7\})$	5592064
12	$\mathcal{O}(0; \{12^8, 6^4, 4^2, 3^6, 2^3\})$	44739584
12	$\mathcal{O}(0; \{12^8, 6^4, 4^4, 2^8\})$	2797568
12	$\mathcal{O}(0; \{12^8, 6^4, 4^4, 3^3, 2^4\})$	22368256
12	$\mathcal{O}(0; \{12^8, 6^4, 4^4, 3^6\})$	178958336
12	$\mathcal{O}(0; \{12^8, 6^4, 4^6, 2^5\})$	11190272
12	$\mathcal{O}(0; \{12^8, 6^4, 4^6, 3^3, 2\})$	89473024
12	$\mathcal{O}(0; \{12^8, 6^4, 4^8, 2^2\})$	44761088
12	$\mathcal{O}(0; \{12^8, 6^5, 3, 2^{11}\})$	699136
12	$\mathcal{O}(0; \{12^8, 6^5, 3^4, 2^7\})$	5592320
12	$\mathcal{O}(0; \{12^8, 6^5, 3^7, 2^3\})$	44739328

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^8, 6^5, 4^2, 3, 2^8\})$	2796544
12	$\mathcal{O}(0; \{12^8, 6^5, 4^2, 3^4, 2^4\})$	22369280
12	$\mathcal{O}(0; \{12^8, 6^5, 4^2, 3^7\})$	178957312
12	$\mathcal{O}(0; \{12^8, 6^5, 4^4, 3, 2^5\})$	11186176
12	$\mathcal{O}(0; \{12^8, 6^5, 4^4, 3^4, 2\})$	89477120
12	$\mathcal{O}(0; \{12^8, 6^5, 4^6, 3, 2^2\})$	44744704
12	$\mathcal{O}(0; \{12^8, 6^6, 3^2, 2^8\})$	2796288
12	$\mathcal{O}(0; \{12^8, 6^6, 3^5, 2^4\})$	22369536
12	$\mathcal{O}(0; \{12^8, 6^6, 3^8\})$	178957056
12	$\mathcal{O}(0; \{12^8, 6^6, 4^2, 3^2, 2^5\})$	11185152
12	$\mathcal{O}(0; \{12^8, 6^6, 4^2, 3^5, 2\})$	89478144
12	$\mathcal{O}(0; \{12^8, 6^6, 4^4, 3^2, 2^2\})$	44740608
12	$\mathcal{O}(0; \{12^8, 6^7, 2^9\})$	1398016
12	$\mathcal{O}(0; \{12^8, 6^7, 3^3, 2^5\})$	11184896
12	$\mathcal{O}(0; \{12^8, 6^7, 3^6, 2\})$	89478400
12	$\mathcal{O}(0; \{12^8, 6^7, 4^2, 2^6\})$	5592064
12	$\mathcal{O}(0; \{12^8, 6^7, 4^2, 3^3, 2^2\})$	44739584
12	$\mathcal{O}(0; \{12^8, 6^7, 4^4, 2^3\})$	22368256
12	$\mathcal{O}(0; \{12^8, 6^7, 4^6\})$	89473024
12	$\mathcal{O}(0; \{12^8, 6^8, 3, 2^6\})$	5592320
12	$\mathcal{O}(0; \{12^8, 6^8, 3^4, 2^2\})$	44739328
12	$\mathcal{O}(0; \{12^8, 6^8, 4^2, 3, 2^3\})$	22369280
12	$\mathcal{O}(0; \{12^8, 6^8, 4^4, 3\})$	89477120
12	$\mathcal{O}(0; \{12^8, 6^9, 3^2, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^8, 6^9, 4^2, 3^2\})$	89478144
12	$\mathcal{O}(0; \{12^8, 6^{10}, 2^4\})$	11184896
12	$\mathcal{O}(0; \{12^8, 6^{10}, 3^3\})$	89478400
12	$\mathcal{O}(0; \{12^8, 6^{10}, 4^2, 2\})$	44739584
12	$\mathcal{O}(0; \{12^8, 6^{11}, 3, 2\})$	44739328
12	$\mathcal{O}(0; \{12^9, 4, 3, 2^{16}\})$	175104
12	$\mathcal{O}(0; \{12^9, 4, 3^4, 2^{12}\})$	1397760
12	$\mathcal{O}(0; \{12^9, 4, 3^7, 2^8\})$	11185152
12	$\mathcal{O}(0; \{12^9, 4, 3^{10}, 2^4\})$	89478144
12	$\mathcal{O}(0; \{12^9, 4, 3^{13}\})$	715828224
12	$\mathcal{O}(0; \{12^9, 4^3, 3, 2^{13}\})$	700416
12	$\mathcal{O}(0; \{12^9, 4^3, 3^4, 2^9\})$	5591040
12	$\mathcal{O}(0; \{12^9, 4^3, 3^7, 2^5\})$	44740608
12	$\mathcal{O}(0; \{12^9, 4^3, 3^{10}, 2\})$	357912576
12	$\mathcal{O}(0; \{12^9, 4^5, 3, 2^{10}\})$	2801664
12	$\mathcal{O}(0; \{12^9, 4^5, 3^4, 2^6\})$	22364160
12	$\mathcal{O}(0; \{12^9, 4^5, 3^7, 2^2\})$	178962432
12	$\mathcal{O}(0; \{12^9, 4^7, 3, 2^7\})$	11206656
12	$\mathcal{O}(0; \{12^9, 4^7, 3^4, 2^3\})$	89456640

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^9, 4^9, 3, 2^4\})$	44826624
12	$\mathcal{O}(0; \{12^9, 4^9, 3^4\})$	357826560
12	$\mathcal{O}(0; \{12^9, 4^{11}, 3, 2\})$	179306496
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^2, 2^{13}\})$	699392
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^5, 2^9\})$	5592064
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^8, 2^5\})$	44739584
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^{11}, 2\})$	357913600
12	$\mathcal{O}(0; \{12^9, 6, 4^3, 3^2, 2^{10}\})$	2797568
12	$\mathcal{O}(0; \{12^9, 6, 4^3, 3^5, 2^6\})$	22368256
12	$\mathcal{O}(0; \{12^9, 6, 4^3, 3^8, 2^2\})$	178958336
12	$\mathcal{O}(0; \{12^9, 6, 4^5, 3^2, 2^7\})$	11190272
12	$\mathcal{O}(0; \{12^9, 6, 4^5, 3^5, 2^3\})$	89473024
12	$\mathcal{O}(0; \{12^9, 6, 4^7, 3^2, 2^4\})$	44761088
12	$\mathcal{O}(0; \{12^9, 6, 4^7, 3^5\})$	357892096
12	$\mathcal{O}(0; \{12^9, 6, 4^9, 3^2, 2\})$	179044352
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 2^{14}\})$	349184
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 3^3, 2^{10}\})$	2796544
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 3^6, 2^6\})$	22369280
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 3^9, 2^2\})$	178957312
12	$\mathcal{O}(0; \{12^9, 6^2, 4^3, 2^{11}\})$	1396736
12	$\mathcal{O}(0; \{12^9, 6^2, 4^3, 3^3, 2^7\})$	11186176
12	$\mathcal{O}(0; \{12^9, 6^2, 4^3, 3^6, 2^3\})$	89477120
12	$\mathcal{O}(0; \{12^9, 6^2, 4^5, 2^8\})$	5586944
12	$\mathcal{O}(0; \{12^9, 6^2, 4^5, 3^3, 2^4\})$	44744704
12	$\mathcal{O}(0; \{12^9, 6^2, 4^5, 3^6\})$	357908480
12	$\mathcal{O}(0; \{12^9, 6^2, 4^7, 2^5\})$	22347776
12	$\mathcal{O}(0; \{12^9, 6^2, 4^7, 3^3, 2\})$	178978816
12	$\mathcal{O}(0; \{12^9, 6^2, 4^9, 2^2\})$	89391104
12	$\mathcal{O}(0; \{12^9, 6^3, 4, 3, 2^{11}\})$	1397760
12	$\mathcal{O}(0; \{12^9, 6^3, 4, 3^4, 2^7\})$	11185152
12	$\mathcal{O}(0; \{12^9, 6^3, 4, 3^7, 2^3\})$	89478144
12	$\mathcal{O}(0; \{12^9, 6^3, 4^3, 3, 2^8\})$	5591040
12	$\mathcal{O}(0; \{12^9, 6^3, 4^3, 3^4, 2^4\})$	44740608
12	$\mathcal{O}(0; \{12^9, 6^3, 4^3, 3^7\})$	357912576
12	$\mathcal{O}(0; \{12^9, 6^3, 4^5, 3, 2^5\})$	22364160
12	$\mathcal{O}(0; \{12^9, 6^3, 4^5, 3^4, 2\})$	178962432
12	$\mathcal{O}(0; \{12^9, 6^3, 4^7, 3, 2^2\})$	89456640
12	$\mathcal{O}(0; \{12^9, 6^4, 4, 3^2, 2^8\})$	5592064
12	$\mathcal{O}(0; \{12^9, 6^4, 4, 3^5, 2^4\})$	44739584
12	$\mathcal{O}(0; \{12^9, 6^4, 4, 3^8\})$	357913600
12	$\mathcal{O}(0; \{12^9, 6^4, 4^3, 3^2, 2^5\})$	22368256
12	$\mathcal{O}(0; \{12^9, 6^4, 4^3, 3^5, 2\})$	178958336
12	$\mathcal{O}(0; \{12^9, 6^4, 4^5, 3^2, 2^2\})$	89473024

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^9, 6^5, 4, 2^9\})$	2796544
12	$\mathcal{O}(0; \{12^9, 6^5, 4, 3^3, 2^5\})$	22369280
12	$\mathcal{O}(0; \{12^9, 6^5, 4, 3^6, 2\})$	178957312
12	$\mathcal{O}(0; \{12^9, 6^5, 4^3, 2^6\})$	11186176
12	$\mathcal{O}(0; \{12^9, 6^5, 4^3, 3^3, 2^2\})$	89477120
12	$\mathcal{O}(0; \{12^9, 6^5, 4^5, 2^3\})$	44744704
12	$\mathcal{O}(0; \{12^9, 6^5, 4^7\})$	178978816
12	$\mathcal{O}(0; \{12^9, 6^6, 4, 3, 2^6\})$	11185152
12	$\mathcal{O}(0; \{12^9, 6^6, 4, 3^4, 2^2\})$	89478144
12	$\mathcal{O}(0; \{12^9, 6^6, 4^3, 3, 2^3\})$	44740608
12	$\mathcal{O}(0; \{12^9, 6^6, 4^5, 3\})$	178962432
12	$\mathcal{O}(0; \{12^9, 6^7, 4, 3^2, 2^3\})$	44739584
12	$\mathcal{O}(0; \{12^9, 6^7, 4^3, 3^2\})$	178958336
12	$\mathcal{O}(0; \{12^9, 6^8, 4, 2^4\})$	22369280
12	$\mathcal{O}(0; \{12^9, 6^8, 4, 3^3\})$	178957312
12	$\mathcal{O}(0; \{12^9, 6^8, 4^3, 2\})$	89477120
12	$\mathcal{O}(0; \{12^9, 6^9, 4, 3, 2\})$	89478144
12	$\mathcal{O}(0; \{12^{10}, 2^{17}\})$	175104
12	$\mathcal{O}(0; \{12^{10}, 3^3, 2^{13}\})$	1397760
12	$\mathcal{O}(0; \{12^{10}, 3^6, 2^9\})$	11185152
12	$\mathcal{O}(0; \{12^{10}, 3^9, 2^5\})$	89478144
12	$\mathcal{O}(0; \{12^{10}, 3^{12}, 2\})$	715828224
12	$\mathcal{O}(0; \{12^{10}, 4^2, 2^{14}\})$	700416
12	$\mathcal{O}(0; \{12^{10}, 4^2, 3^3, 2^{10}\})$	5591040
12	$\mathcal{O}(0; \{12^{10}, 4^2, 3^6, 2^6\})$	44740608
12	$\mathcal{O}(0; \{12^{10}, 4^2, 3^9, 2^2\})$	357912576
12	$\mathcal{O}(0; \{12^{10}, 4^4, 2^{11}\})$	2801664
12	$\mathcal{O}(0; \{12^{10}, 4^4, 3^3, 2^7\})$	22364160
12	$\mathcal{O}(0; \{12^{10}, 4^4, 3^6, 2^3\})$	178962432
12	$\mathcal{O}(0; \{12^{10}, 4^6, 2^8\})$	11206656
12	$\mathcal{O}(0; \{12^{10}, 4^6, 3^3, 2^4\})$	89456640
12	$\mathcal{O}(0; \{12^{10}, 4^6, 3^6\})$	715849728
12	$\mathcal{O}(0; \{12^{10}, 4^8, 2^5\})$	44826624
12	$\mathcal{O}(0; \{12^{10}, 4^8, 3^3, 2\})$	357826560
12	$\mathcal{O}(0; \{12^{10}, 4^{10}, 2^2\})$	179306496
12	$\mathcal{O}(0; \{12^{10}, 6, 3, 2^{14}\})$	699392
12	$\mathcal{O}(0; \{12^{10}, 6, 3^4, 2^{10}\})$	5592064
12	$\mathcal{O}(0; \{12^{10}, 6, 3^7, 2^6\})$	44739584
12	$\mathcal{O}(0; \{12^{10}, 6, 3^{10}, 2^2\})$	357913600
12	$\mathcal{O}(0; \{12^{10}, 6, 4^2, 3, 2^{11}\})$	2797568
12	$\mathcal{O}(0; \{12^{10}, 6, 4^2, 3^4, 2^7\})$	22368256
12	$\mathcal{O}(0; \{12^{10}, 6, 4^2, 3^7, 2^3\})$	178958336
12	$\mathcal{O}(0; \{12^{10}, 6, 4^4, 3, 2^8\})$	11190272

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{10}, 6, 4^4, 3^4, 2^4\})$	89473024
12	$\mathcal{O}(0; \{12^{10}, 6, 4^4, 3^7\})$	715833344
12	$\mathcal{O}(0; \{12^{10}, 6, 4^6, 3, 2^5\})$	44761088
12	$\mathcal{O}(0; \{12^{10}, 6, 4^6, 3^4, 2\})$	357892096
12	$\mathcal{O}(0; \{12^{10}, 6, 4^8, 3, 2^2\})$	179044352
12	$\mathcal{O}(0; \{12^{10}, 6^2, 3^2, 2^{11}\})$	2796544
12	$\mathcal{O}(0; \{12^{10}, 6^2, 3^5, 2^7\})$	22369280
12	$\mathcal{O}(0; \{12^{10}, 6^2, 3^8, 2^3\})$	178957312
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^2, 3^2, 2^8\})$	11186176
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^2, 3^5, 2^4\})$	89477120
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^2, 3^8\})$	715829248
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^4, 3^2, 2^5\})$	44744704
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^4, 3^5, 2\})$	357908480
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^6, 3^2, 2^2\})$	178978816
12	$\mathcal{O}(0; \{12^{10}, 6^3, 2^{12}\})$	1397760
12	$\mathcal{O}(0; \{12^{10}, 6^3, 3^3, 2^8\})$	11185152
12	$\mathcal{O}(0; \{12^{10}, 6^3, 3^6, 2^4\})$	89478144
12	$\mathcal{O}(0; \{12^{10}, 6^3, 3^9\})$	715828224
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^2, 2^9\})$	5591040
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^2, 3^3, 2^5\})$	44740608
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^2, 3^6, 2\})$	357912576
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^4, 2^6\})$	22364160
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^4, 3^3, 2^2\})$	178962432
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^6, 2^3\})$	89456640
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^8\})$	357826560
12	$\mathcal{O}(0; \{12^{10}, 6^4, 3, 2^9\})$	5592064
12	$\mathcal{O}(0; \{12^{10}, 6^4, 3^4, 2^5\})$	44739584
12	$\mathcal{O}(0; \{12^{10}, 6^4, 3^7, 2\})$	357913600
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^2, 3, 2^6\})$	22368256
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^2, 3^4, 2^2\})$	178958336
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^4, 3, 2^3\})$	89473024
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^6, 3\})$	357892096
12	$\mathcal{O}(0; \{12^{10}, 6^5, 3^2, 2^6\})$	22369280
12	$\mathcal{O}(0; \{12^{10}, 6^5, 3^5, 2^2\})$	178957312
12	$\mathcal{O}(0; \{12^{10}, 6^5, 4^2, 3^2, 2^3\})$	89477120
12	$\mathcal{O}(0; \{12^{10}, 6^5, 4^4, 3^2\})$	357908480
12	$\mathcal{O}(0; \{12^{10}, 6^6, 2^7\})$	11185152
12	$\mathcal{O}(0; \{12^{10}, 6^6, 3^3, 2^3\})$	89478144
12	$\mathcal{O}(0; \{12^{10}, 6^6, 4^2, 2^4\})$	44740608
12	$\mathcal{O}(0; \{12^{10}, 6^6, 4^2, 3^3\})$	357912576
12	$\mathcal{O}(0; \{12^{10}, 6^6, 4^4, 2\})$	178962432
12	$\mathcal{O}(0; \{12^{10}, 6^7, 3, 2^4\})$	44739584
12	$\mathcal{O}(0; \{12^{10}, 6^7, 3^4\})$	357913600

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{10}, 6^7, 4^2, 3, 2\})$	178958336
12	$\mathcal{O}(0; \{12^{10}, 6^8, 3^2, 2\})$	178957312
12	$\mathcal{O}(0; \{12^{10}, 6^9, 2^2\})$	89478144
12	$\mathcal{O}(0; \{12^{11}, 4, 3^2, 2^{11}\})$	5591040
12	$\mathcal{O}(0; \{12^{11}, 4, 3^5, 2^7\})$	44740608
12	$\mathcal{O}(0; \{12^{11}, 4, 3^8, 2^3\})$	357912576
12	$\mathcal{O}(0; \{12^{11}, 4^3, 3^2, 2^8\})$	22364160
12	$\mathcal{O}(0; \{12^{11}, 4^3, 3^5, 2^4\})$	178962432
12	$\mathcal{O}(0; \{12^{11}, 4^3, 3^8\})$	1431650304
12	$\mathcal{O}(0; \{12^{11}, 4^5, 3^2, 2^5\})$	89456640
12	$\mathcal{O}(0; \{12^{11}, 4^5, 3^5, 2\})$	715849728
12	$\mathcal{O}(0; \{12^{11}, 4^7, 3^2, 2^2\})$	357826560
12	$\mathcal{O}(0; \{12^{11}, 6, 4, 2^{12}\})$	2797568
12	$\mathcal{O}(0; \{12^{11}, 6, 4, 3^3, 2^8\})$	22368256
12	$\mathcal{O}(0; \{12^{11}, 6, 4, 3^6, 2^4\})$	178958336
12	$\mathcal{O}(0; \{12^{11}, 6, 4, 3^9\})$	1431654400
12	$\mathcal{O}(0; \{12^{11}, 6, 4^3, 2^9\})$	11190272
12	$\mathcal{O}(0; \{12^{11}, 6, 4^3, 3^3, 2^5\})$	89473024
12	$\mathcal{O}(0; \{12^{11}, 6, 4^3, 3^6, 2\})$	715833344
12	$\mathcal{O}(0; \{12^{11}, 6, 4^5, 2^6\})$	44761088
12	$\mathcal{O}(0; \{12^{11}, 6, 4^5, 3^3, 2^2\})$	357892096
12	$\mathcal{O}(0; \{12^{11}, 6, 4^7, 2^3\})$	179044352
12	$\mathcal{O}(0; \{12^{11}, 6, 4^9\})$	716177408
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4, 3, 2^9\})$	11186176
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4, 3^4, 2^5\})$	89477120
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4, 3^7, 2\})$	715829248
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^3, 3, 2^6\})$	44744704
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^3, 3^4, 2^2\})$	357908480
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^5, 3, 2^3\})$	178978816
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^7, 3\})$	715915264
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4, 3^2, 2^6\})$	44740608
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4, 3^5, 2^2\})$	357912576
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4^3, 3^2, 2^3\})$	178962432
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4^5, 3^2\})$	715849728
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4, 2^7\})$	22368256
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4, 3^3, 2^3\})$	178958336
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4^3, 2^4\})$	89473024
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4^3, 3^3\})$	715833344
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4^5, 2\})$	357892096
12	$\mathcal{O}(0; \{12^{11}, 6^5, 4, 3, 2^4\})$	89477120
12	$\mathcal{O}(0; \{12^{11}, 6^5, 4, 3^4\})$	715829248
12	$\mathcal{O}(0; \{12^{11}, 6^5, 4^3, 3, 2\})$	357908480
12	$\mathcal{O}(0; \{12^{11}, 6^6, 4, 3^2, 2\})$	357912576

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{11}, 6^7, 4, 2^2\})$	178958336
12	$\mathcal{O}(0; \{12^{12}, 3, 2^{12}\})$	5591040
12	$\mathcal{O}(0; \{12^{12}, 3^4, 2^8\})$	44740608
12	$\mathcal{O}(0; \{12^{12}, 3^7, 2^4\})$	357912576
12	$\mathcal{O}(0; \{12^{12}, 3^{10}\})$	2863312896
12	$\mathcal{O}(0; \{12^{12}, 4^2, 3, 2^9\})$	22364160
12	$\mathcal{O}(0; \{12^{12}, 4^2, 3^4, 2^5\})$	178962432
12	$\mathcal{O}(0; \{12^{12}, 4^2, 3^7, 2\})$	1431650304
12	$\mathcal{O}(0; \{12^{12}, 4^4, 3, 2^6\})$	89456640
12	$\mathcal{O}(0; \{12^{12}, 4^4, 3^4, 2^2\})$	715849728
12	$\mathcal{O}(0; \{12^{12}, 4^6, 3, 2^3\})$	357826560
12	$\mathcal{O}(0; \{12^{12}, 4^8, 3\})$	1431306240
12	$\mathcal{O}(0; \{12^{12}, 6, 3^2, 2^9\})$	22368256
12	$\mathcal{O}(0; \{12^{12}, 6, 3^5, 2^5\})$	178958336
12	$\mathcal{O}(0; \{12^{12}, 6, 3^8, 2\})$	1431654400
12	$\mathcal{O}(0; \{12^{12}, 6, 4^2, 3^2, 2^6\})$	89473024
12	$\mathcal{O}(0; \{12^{12}, 6, 4^2, 3^5, 2^2\})$	715833344
12	$\mathcal{O}(0; \{12^{12}, 6, 4^4, 3^2, 2^3\})$	357892096
12	$\mathcal{O}(0; \{12^{12}, 6, 4^6, 3^2\})$	1431568384
12	$\mathcal{O}(0; \{12^{12}, 6^2, 2^{10}\})$	11186176
12	$\mathcal{O}(0; \{12^{12}, 6^2, 3^3, 2^6\})$	89477120
12	$\mathcal{O}(0; \{12^{12}, 6^2, 3^6, 2^2\})$	715829248
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^2, 2^7\})$	44744704
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^2, 3^3, 2^3\})$	357908480
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^4, 2^4\})$	178978816
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^4, 3^3\})$	1431633920
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^6, 2\})$	715915264
12	$\mathcal{O}(0; \{12^{12}, 6^3, 3, 2^7\})$	44740608
12	$\mathcal{O}(0; \{12^{12}, 6^3, 3^4, 2^3\})$	357912576
12	$\mathcal{O}(0; \{12^{12}, 6^3, 4^2, 3, 2^4\})$	178962432
12	$\mathcal{O}(0; \{12^{12}, 6^3, 4^2, 3^4\})$	1431650304
12	$\mathcal{O}(0; \{12^{12}, 6^3, 4^4, 3, 2\})$	715849728
12	$\mathcal{O}(0; \{12^{12}, 6^4, 3^2, 2^4\})$	178958336
12	$\mathcal{O}(0; \{12^{12}, 6^4, 3^5\})$	1431654400
12	$\mathcal{O}(0; \{12^{12}, 6^4, 4^2, 3^2, 2\})$	715833344
12	$\mathcal{O}(0; \{12^{12}, 6^5, 2^5\})$	89477120
12	$\mathcal{O}(0; \{12^{12}, 6^5, 3^3, 2\})$	715829248
12	$\mathcal{O}(0; \{12^{12}, 6^5, 4^2, 2^2\})$	357908480
12	$\mathcal{O}(0; \{12^{12}, 6^6, 3, 2^2\})$	357912576
12	$\mathcal{O}(0; \{12^{12}, 6^8\})$	715829248
12	$\mathcal{O}(0; \{12^{13}, 4, 2^{10}\})$	22364160
12	$\mathcal{O}(0; \{12^{13}, 4, 3^3, 2^6\})$	178962432
12	$\mathcal{O}(0; \{12^{13}, 4, 3^6, 2^2\})$	1431650304

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{13}, 4^3, 2^7\})$	89456640
12	$\mathcal{O}(0; \{12^{13}, 4^3, 3^3, 2^3\})$	715849728
12	$\mathcal{O}(0; \{12^{13}, 4^5, 2^4\})$	357826560
12	$\mathcal{O}(0; \{12^{13}, 4^5, 3^3\})$	2863398912
12	$\mathcal{O}(0; \{12^{13}, 4^7, 2\})$	1431306240
12	$\mathcal{O}(0; \{12^{13}, 6, 4, 3, 2^7\})$	89473024
12	$\mathcal{O}(0; \{12^{13}, 6, 4, 3^4, 2^3\})$	715833344
12	$\mathcal{O}(0; \{12^{13}, 6, 4^3, 3, 2^4\})$	357892096
12	$\mathcal{O}(0; \{12^{13}, 6, 4^3, 3^4\})$	2863333376
12	$\mathcal{O}(0; \{12^{13}, 6, 4^5, 3, 2\})$	1431568384
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4, 3^2, 2^4\})$	357908480
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4, 3^5\})$	2863316992
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4^3, 3^2, 2\})$	1431633920
12	$\mathcal{O}(0; \{12^{13}, 6^3, 4, 2^5\})$	178962432
12	$\mathcal{O}(0; \{12^{13}, 6^3, 4, 3^3, 2\})$	1431650304
12	$\mathcal{O}(0; \{12^{13}, 6^3, 4^3, 2^2\})$	715849728
12	$\mathcal{O}(0; \{12^{13}, 6^4, 4, 3, 2^2\})$	715833344
12	$\mathcal{O}(0; \{12^{13}, 6^6, 4\})$	1431650304
12	$\mathcal{O}(0; \{12^{14}, 3^2, 2^7\})$	178962432
12	$\mathcal{O}(0; \{12^{14}, 3^5, 2^3\})$	1431650304
12	$\mathcal{O}(0; \{12^{14}, 4^2, 3^2, 2^4\})$	715849728
12	$\mathcal{O}(0; \{12^{14}, 4^2, 3^5\})$	5726601216
12	$\mathcal{O}(0; \{12^{14}, 4^4, 3^2, 2\})$	2863398912
12	$\mathcal{O}(0; \{12^{14}, 6, 2^8\})$	89473024
12	$\mathcal{O}(0; \{12^{14}, 6, 3^3, 2^4\})$	715833344
12	$\mathcal{O}(0; \{12^{14}, 6, 3^6\})$	5726617600
12	$\mathcal{O}(0; \{12^{14}, 6, 4^2, 2^5\})$	357892096
12	$\mathcal{O}(0; \{12^{14}, 6, 4^2, 3^3, 2\})$	2863333376
12	$\mathcal{O}(0; \{12^{14}, 6, 4^4, 2^2\})$	1431568384
12	$\mathcal{O}(0; \{12^{14}, 6^2, 3, 2^5\})$	357908480
12	$\mathcal{O}(0; \{12^{14}, 6^2, 3^4, 2\})$	2863316992
12	$\mathcal{O}(0; \{12^{14}, 6^2, 4^2, 3, 2^2\})$	1431633920
12	$\mathcal{O}(0; \{12^{14}, 6^3, 3^2, 2^2\})$	1431650304
12	$\mathcal{O}(0; \{12^{14}, 6^4, 2^3\})$	715833344
12	$\mathcal{O}(0; \{12^{14}, 6^4, 4^2\})$	2863333376
12	$\mathcal{O}(0; \{12^{14}, 6^5, 3\})$	2863316992
12	$\mathcal{O}(0; \{12^{15}, 4, 3, 2^5\})$	715849728
12	$\mathcal{O}(0; \{12^{15}, 4, 3^4, 2\})$	5726601216
12	$\mathcal{O}(0; \{12^{15}, 4^3, 3, 2^2\})$	2863398912
12	$\mathcal{O}(0; \{12^{15}, 6, 4, 3^2, 2^2\})$	2863333376
12	$\mathcal{O}(0; \{12^{15}, 6^2, 4, 2^3\})$	1431633920
12	$\mathcal{O}(0; \{12^{15}, 6^2, 4^3\})$	5726535680
12	$\mathcal{O}(0; \{12^{15}, 6^3, 4, 3\})$	5726601216

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{16}, 2^6\})$	715849728
12	$\mathcal{O}(0; \{12^{16}, 3^3, 2^2\})$	5726601216
12	$\mathcal{O}(0; \{12^{16}, 4^2, 2^3\})$	2863398912
12	$\mathcal{O}(0; \{12^{16}, 4^4\})$	11453595648
12	$\mathcal{O}(0; \{12^{16}, 6, 3, 2^3\})$	2863333376
12	$\mathcal{O}(0; \{12^{16}, 6, 4^2, 3\})$	11453333504
12	$\mathcal{O}(0; \{12^{16}, 6^2, 3^2\})$	11453267968
12	$\mathcal{O}(0; \{12^{16}, 6^3, 2\})$	5726601216
12	$\mathcal{O}(0; \{12^{17}, 4, 3^2\})$	22906404864
12	$\mathcal{O}(0; \{12^{17}, 6, 4, 2\})$	11453333504
12	$\mathcal{O}(0; \{12^{18}, 3, 2\})$	22906404864
13	$\mathcal{O}(5; \{13^7\})$	379978258215463908
14	$\mathcal{O}(6; \{7^4\})$	10542493222385670
14	$\mathcal{O}(5; \{7^4, 2^4\})$	53801365825536
14	$\mathcal{O}(5; \{14^2, 7^3, 2^2\})$	321072667023360
14	$\mathcal{O}(5; \{14^4, 7^2\})$	1928171530070016
14	$\mathcal{O}(4; \{7^4, 2^8\})$	274496764416
14	$\mathcal{O}(4; \{14, 7^7, 2\})$	354109680830976
14	$\mathcal{O}(4; \{14^2, 7^3, 2^6\})$	1638125852160
14	$\mathcal{O}(4; \{14^4, 7^2, 2^4\})$	9837609847296
14	$\mathcal{O}(4; \{14^6, 7, 2^2\})$	59016804349440
14	$\mathcal{O}(4; \{14^8\})$	354109680830976
14	$\mathcal{O}(3; \{7^4, 2^{12}\})$	1400493696
14	$\mathcal{O}(3; \{7^{11}\})$	384144391219050
14	$\mathcal{O}(3; \{14, 7^7, 2^5\})$	1806682045056
14	$\mathcal{O}(3; \{14^2, 7^3, 2^{10}\})$	8357784960
14	$\mathcal{O}(3; \{14^3, 7^6, 2^3\})$	10840047093120
14	$\mathcal{O}(3; \{14^4, 7^2, 2^8\})$	50191886976
14	$\mathcal{O}(3; \{14^5, 7^5, 2\})$	65040327735936
14	$\mathcal{O}(3; \{14^6, 7, 2^6\})$	301106144640
14	$\mathcal{O}(3; \{14^8, 2^4\})$	1806682045056
14	$\mathcal{O}(2; \{7^4, 2^{16}\})$	7145376
14	$\mathcal{O}(2; \{7^{11}, 2^4\})$	1991030210400
14	$\mathcal{O}(2; \{14, 7^7, 2^9\})$	9217765536
14	$\mathcal{O}(2; \{14^2, 7^3, 2^{14}\})$	42641760
14	$\mathcal{O}(2; \{14^2, 7^{10}, 2^2\})$	11946181492896
14	$\mathcal{O}(2; \{14^3, 7^6, 2^7\})$	55306362720
14	$\mathcal{O}(2; \{14^4, 7^2, 2^{12}\})$	256081056
14	$\mathcal{O}(2; \{14^4, 7^9\})$	71677088726880
14	$\mathcal{O}(2; \{14^5, 7^5, 2^5\})$	331838406816
14	$\mathcal{O}(2; \{14^6, 7, 2^{10}\})$	1536255840
14	$\mathcal{O}(2; \{14^7, 7^4, 2^3\})$	1991030210400
14	$\mathcal{O}(2; \{14^8, 2^8\})$	9217765536

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
14	$\mathcal{O}(2; \{14^9, 7^3, 2\})$	11946181492896
14	$\mathcal{O}(1; \{7^4, 2^{20}\})$	36456
14	$\mathcal{O}(1; \{7^{11}, 2^8\})$	10158317400
14	$\mathcal{O}(1; \{14, 7^7, 2^{13}\})$	47029416
14	$\mathcal{O}(1; \{14, 7^{14}, 2\})$	13165179567960
14	$\mathcal{O}(1; \{14^2, 7^3, 2^{18}\})$	217560
14	$\mathcal{O}(1; \{14^2, 7^{10}, 2^6\})$	60949905576
14	$\mathcal{O}(1; \{14^3, 7^6, 2^{11}\})$	282175320
14	$\mathcal{O}(1; \{14^4, 7^2, 2^{16}\})$	1306536
14	$\mathcal{O}(1; \{14^4, 7^9, 2^4\})$	365699432280
14	$\mathcal{O}(1; \{14^5, 7^5, 2^9\})$	1693053096
14	$\mathcal{O}(1; \{14^6, 7, 2^{14}\})$	7838040
14	$\mathcal{O}(1; \{14^6, 7^8, 2^2\})$	2194196594856
14	$\mathcal{O}(1; \{14^7, 7^4, 2^7\})$	10158317400
14	$\mathcal{O}(1; \{14^8, 2^{12}\})$	47029416
14	$\mathcal{O}(1; \{14^8, 7^7\})$	13165179567960
14	$\mathcal{O}(1; \{14^9, 7^3, 2^5\})$	60949905576
14	$\mathcal{O}(1; \{14^{11}, 7^2, 2^3\})$	365699432280
14	$\mathcal{O}(1; \{14^{13}, 7, 2\})$	2194196594856
14	$\mathcal{O}(0; \{7^4, 2^{24}\})$	186
14	$\mathcal{O}(0; \{7^{11}, 2^{12}\})$	51828150
14	$\mathcal{O}(0; \{14, 7^7, 2^{17}\})$	239946
14	$\mathcal{O}(0; \{14, 7^{14}, 2^5\})$	67169283510
14	$\mathcal{O}(0; \{14^2, 7^3, 2^{22}\})$	1110
14	$\mathcal{O}(0; \{14^2, 7^{10}, 2^{10}\})$	310968906
14	$\mathcal{O}(0; \{14^3, 7^6, 2^{15}\})$	1439670
14	$\mathcal{O}(0; \{14^3, 7^{13}, 2^3\})$	403015701066
14	$\mathcal{O}(0; \{14^4, 7^2, 2^{20}\})$	6666
14	$\mathcal{O}(0; \{14^4, 7^9, 2^8\})$	1865813430
14	$\mathcal{O}(0; \{14^5, 7^5, 2^{13}\})$	8638026
14	$\mathcal{O}(0; \{14^5, 7^{12}, 2\})$	2418094206390
14	$\mathcal{O}(0; \{14^6, 7, 2^{18}\})$	39990
14	$\mathcal{O}(0; \{14^6, 7^8, 2^6\})$	11194880586
14	$\mathcal{O}(0; \{14^7, 7^4, 2^{11}\})$	51828150
14	$\mathcal{O}(0; \{14^8, 2^{16}\})$	239946
14	$\mathcal{O}(0; \{14^8, 7^7, 2^4\})$	67169283510
14	$\mathcal{O}(0; \{14^9, 7^3, 2^9\})$	310968906
14	$\mathcal{O}(0; \{14^{10}, 7^6, 2^2\})$	403015701066
14	$\mathcal{O}(0; \{14^{11}, 7^2, 2^7\})$	1865813430
14	$\mathcal{O}(0; \{14^{12}, 7^5\})$	2418094206390
14	$\mathcal{O}(0; \{14^{13}, 7, 2^5\})$	11194880586
14	$\mathcal{O}(0; \{14^{15}, 2^3\})$	67169283510
15	$\mathcal{O}(6; \{15^2, 3\})$	1037970703125000

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(5; \{5^4, 3^2\})$	59971640625000
15	$\mathcal{O}(5; \{15, 5^2, 3^3\})$	41518828125000
15	$\mathcal{O}(5; \{15^2, 3^4\})$	50745234375000
15	$\mathcal{O}(5; \{15^4, 5\})$	705820078125000
15	$\mathcal{O}(4; \{5^4, 3^5\})$	1332703125000
15	$\mathcal{O}(4; \{15, 5^2, 3^6\})$	1291696875000
15	$\mathcal{O}(4; \{15^2, 3^7\})$	1742765625000
15	$\mathcal{O}(4; \{15^2, 5^5, 3\})$	16792059375000
15	$\mathcal{O}(4; \{15^3, 5^3, 3^2\})$	21015703125000
15	$\mathcal{O}(4; \{15^4, 5, 3^3\})$	21958846875000
15	$\mathcal{O}(4; \{15^7\})$	352633246875000
15	$\mathcal{O}(3; \{5^4, 3^8\})$	50938875000
15	$\mathcal{O}(3; \{5^9, 3^2\})$	1194375375000
15	$\mathcal{O}(3; \{15, 5^2, 3^9\})$	46747125000
15	$\mathcal{O}(3; \{15, 5^7, 3^3\})$	895849875000
15	$\mathcal{O}(3; \{15^2, 3^{10}\})$	62238375000
15	$\mathcal{O}(3; \{15^2, 5^5, 3^4\})$	820945125000
15	$\mathcal{O}(3; \{15^3, 5^3, 3^5\})$	803266875000
15	$\mathcal{O}(3; \{15^4, 5, 3^6\})$	794701125000
15	$\mathcal{O}(3; \{15^4, 5^6\})$	14332777875000
15	$\mathcal{O}(3; \{15^5, 5^4, 3\})$	13138129125000
15	$\mathcal{O}(3; \{15^6, 5^2, 3^2\})$	12840514875000
15	$\mathcal{O}(3; \{15^7, 3^3\})$	12761965125000
15	$\mathcal{O}(2; \{5^4, 3^{11}\})$	1795365000
15	$\mathcal{O}(2; \{5^9, 3^5\})$	26541675000
15	$\mathcal{O}(2; \{15, 5^2, 3^{12}\})$	1658475000
15	$\mathcal{O}(2; \{15, 5^7, 3^6\})$	27870885000
15	$\mathcal{O}(2; \{15^2, 3^{13}\})$	2211705000
15	$\mathcal{O}(2; \{15^2, 5^5, 3^7\})$	28194075000
15	$\mathcal{O}(2; \{15^2, 5^{10}, 3\})$	339738705000
15	$\mathcal{O}(2; \{15^3, 5^3, 3^8\})$	28311525000
15	$\mathcal{O}(2; \{15^3, 5^8, 3^2\})$	424672875000
15	$\mathcal{O}(2; \{15^4, 5, 3^9\})$	28194075000
15	$\mathcal{O}(2; \{15^4, 5^6, 3^3\})$	445908645000
15	$\mathcal{O}(2; \{15^5, 5^4, 3^4\})$	451208475000
15	$\mathcal{O}(2; \{15^6, 5^2, 3^5\})$	452570085000
15	$\mathcal{O}(2; \{15^7, 3^6\})$	452763675000
15	$\mathcal{O}(2; \{15^7, 5^5\})$	7134512805000
15	$\mathcal{O}(2; \{15^8, 5^3, 3\})$	7219438875000
15	$\mathcal{O}(2; \{15^9, 5, 3^2\})$	7240707045000
15	$\mathcal{O}(1; \{5^4, 3^{14}\})$	63905400
15	$\mathcal{O}(1; \{5^9, 3^8\})$	1014481800
15	$\mathcal{O}(1; \{5^{14}, 3^2\})$	24159191400

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(1; \{15, 5^2, 3^{15}\})$	58984200
15	$\mathcal{O}(1; \{15, 5^7, 3^9\})$	1008660600
15	$\mathcal{O}(1; \{15, 5^{12}, 3^3\})$	18119392200
15	$\mathcal{O}(1; \{15^2, 3^{16}\})$	78643800
15	$\mathcal{O}(1; \{15^2, 5^5, 3^{10}\})$	1006878600
15	$\mathcal{O}(1; \{15^2, 5^{10}, 3^4\})$	16609447800
15	$\mathcal{O}(1; \{15^3, 5^3, 3^{11}\})$	1007739000
15	$\mathcal{O}(1; \{15^3, 5^8, 3^5\})$	16231941000
15	$\mathcal{O}(1; \{15^4, 5, 3^{12}\})$	1002731400
15	$\mathcal{O}(1; \{15^4, 5^6, 3^6\})$	16137646200
15	$\mathcal{O}(1; \{15^4, 5^{11}\})$	289910291400
15	$\mathcal{O}(1; \{15^5, 5^4, 3^7\})$	16113745800
15	$\mathcal{O}(1; \{15^5, 5^9, 3\})$	265751105400
15	$\mathcal{O}(1; \{15^6, 5^2, 3^8\})$	16109076600
15	$\mathcal{O}(1; \{15^6, 5^7, 3^2\})$	259711288200
15	$\mathcal{O}(1; \{15^7, 3^9\})$	16102686600
15	$\mathcal{O}(1; \{15^7, 5^5, 3^3\})$	258201415800
15	$\mathcal{O}(1; \{15^8, 5^3, 3^4\})$	257823621000
15	$\mathcal{O}(1; \{15^9, 5, 3^5\})$	257730478200
15	$\mathcal{O}(1; \{15^{10}, 5^4\})$	4131221729400
15	$\mathcal{O}(1; \{15^{11}, 5^2, 3\})$	4125181624200
15	$\mathcal{O}(1; \{15^{12}, 3^2\})$	4123672903800
15	$\mathcal{O}(0; \{5^4, 3^{17}\})$	2271880
15	$\mathcal{O}(0; \{5^9, 3^{11}\})$	35755896
15	$\mathcal{O}(0; \{5^{14}, 3^5\})$	536870920
15	$\mathcal{O}(0; \{15, 5^2, 3^{18}\})$	2097144
15	$\mathcal{O}(0; \{15, 5^7, 3^{12}\})$	35784840
15	$\mathcal{O}(0; \{15, 5^{12}, 3^6\})$	563714424
15	$\mathcal{O}(0; \{15^2, 3^{19}\})$	2796200
15	$\mathcal{O}(0; \{15^2, 5^5, 3^{13}\})$	35780472
15	$\mathcal{O}(0; \{15^2, 5^{10}, 3^7\})$	570425480
15	$\mathcal{O}(0; \{15^2, 5^{15}, 3\})$	6871947672
15	$\mathcal{O}(0; \{15^3, 5^3, 3^{14}\})$	35825800
15	$\mathcal{O}(0; \{15^3, 5^8, 3^8\})$	572102520
15	$\mathcal{O}(0; \{15^3, 5^{13}, 3^2\})$	8589934600
15	$\mathcal{O}(0; \{15^4, 5, 3^{15}\})$	35651448
15	$\mathcal{O}(0; \{15^4, 5^6, 3^9\})$	572524680
15	$\mathcal{O}(0; \{15^4, 5^{11}, 3^3\})$	9019431288
15	$\mathcal{O}(0; \{15^5, 5^4, 3^{10}\})$	572618616
15	$\mathcal{O}(0; \{15^5, 5^9, 3^4\})$	9126805640
15	$\mathcal{O}(0; \{15^6, 5^2, 3^{11}\})$	572688520
15	$\mathcal{O}(0; \{15^6, 5^7, 3^5\})$	9153648504
15	$\mathcal{O}(0; \{15^7, 3^{12}\})$	572520312

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(0; \{15^7, 5^5, 3^6\})$	9160362120
15	$\mathcal{O}(0; \{15^7, 5^{10}\})$	144310901112
15	$\mathcal{O}(0; \{15^8, 5^3, 3^7\})$	9162028920
15	$\mathcal{O}(0; \{15^8, 5^8, 3\})$	146028888200
15	$\mathcal{O}(0; \{15^9, 5, 3^8\})$	9162492040
15	$\mathcal{O}(0; \{15^9, 5^6, 3^2\})$	146458384248
15	$\mathcal{O}(0; \{15^{10}, 5^4, 3^3\})$	146565761160
15	$\mathcal{O}(0; \{15^{11}, 5^2, 3^4\})$	146592593784
15	$\mathcal{O}(0; \{15^{12}, 3^5\})$	146599348360
15	$\mathcal{O}(0; \{15^{13}, 5^3\})$	2345052145800
15	$\mathcal{O}(0; \{15^{14}, 5, 3\})$	2345481631608
16	$\mathcal{O}(6; \{8^2\})$	1125625028935680
16	$\mathcal{O}(5; \{8^2, 2^4\})$	4393751543808
16	$\mathcal{O}(5; \{8^2, 4^2, 2\})$	17575006175232
16	$\mathcal{O}(5; \{16^2, 8, 2^2\})$	35184372088832
16	$\mathcal{O}(5; \{16^4\})$	562949953421312
16	$\mathcal{O}(4; \{8^2, 2^8\})$	17112760320
16	$\mathcal{O}(4; \{8^2, 4^2, 2^5\})$	68451041280
16	$\mathcal{O}(4; \{8^2, 4^4, 2^2\})$	273804165120
16	$\mathcal{O}(4; \{8^4, 4, 2^3\})$	547608330240
16	$\mathcal{O}(4; \{8^4, 4^3\})$	2190433320960
16	$\mathcal{O}(4; \{8^6, 2\})$	4380866641920
16	$\mathcal{O}(4; \{16^2, 8, 2^6\})$	137438953472
16	$\mathcal{O}(4; \{16^2, 8, 4^2, 2^3\})$	549755813888
16	$\mathcal{O}(4; \{16^2, 8, 4^4\})$	2199023255552
16	$\mathcal{O}(4; \{16^2, 8^3, 4, 2\})$	4398046511104
16	$\mathcal{O}(4; \{16^4, 2^4\})$	2199023255552
16	$\mathcal{O}(4; \{16^4, 4^2, 2\})$	8796093022208
16	$\mathcal{O}(3; \{8^2, 2^{12}\})$	66060288
16	$\mathcal{O}(3; \{8^2, 4^2, 2^9\})$	264241152
16	$\mathcal{O}(3; \{8^2, 4^4, 2^6\})$	1056964608
16	$\mathcal{O}(3; \{8^2, 4^6, 2^3\})$	4227858432
16	$\mathcal{O}(3; \{8^2, 4^8\})$	16911433728
16	$\mathcal{O}(3; \{8^4, 4, 2^7\})$	2113929216
16	$\mathcal{O}(3; \{8^4, 4^3, 2^4\})$	8455716864
16	$\mathcal{O}(3; \{8^4, 4^5, 2\})$	33822867456
16	$\mathcal{O}(3; \{8^6, 2^5\})$	16911433728
16	$\mathcal{O}(3; \{8^6, 4^2, 2^2\})$	67645734912
16	$\mathcal{O}(3; \{8^8, 4\})$	541165879296
16	$\mathcal{O}(3; \{16^2, 8, 2^{10}\})$	536870912
16	$\mathcal{O}(3; \{16^2, 8, 4^2, 2^7\})$	2147483648
16	$\mathcal{O}(3; \{16^2, 8, 4^4, 2^4\})$	8589934592
16	$\mathcal{O}(3; \{16^2, 8, 4^6, 2\})$	34359738368

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(3; \{16^2, 8^3, 4, 2^5\})$	17179869184
16	$\mathcal{O}(3; \{16^2, 8^3, 4^3, 2^2\})$	68719476736
16	$\mathcal{O}(3; \{16^2, 8^5, 2^3\})$	137438953472
16	$\mathcal{O}(3; \{16^2, 8^5, 4^2\})$	549755813888
16	$\mathcal{O}(3; \{16^4, 2^8\})$	8589934592
16	$\mathcal{O}(3; \{16^4, 4^2, 2^5\})$	34359738368
16	$\mathcal{O}(3; \{16^4, 4^4, 2^2\})$	137438953472
16	$\mathcal{O}(3; \{16^4, 8^2, 4, 2^3\})$	274877906944
16	$\mathcal{O}(3; \{16^4, 8^2, 4^3\})$	1099511627776
16	$\mathcal{O}(3; \{16^4, 8^4, 2\})$	2199023255552
16	$\mathcal{O}(3; \{16^6, 8, 4, 2\})$	4398046511104
16	$\mathcal{O}(2; \{8^2, 2^{16}\})$	245760
16	$\mathcal{O}(2; \{8^2, 4^2, 2^{13}\})$	983040
16	$\mathcal{O}(2; \{8^2, 4^4, 2^{10}\})$	3932160
16	$\mathcal{O}(2; \{8^2, 4^6, 2^7\})$	15728640
16	$\mathcal{O}(2; \{8^2, 4^8, 2^4\})$	62914560
16	$\mathcal{O}(2; \{8^2, 4^{10}, 2\})$	251658240
16	$\mathcal{O}(2; \{8^4, 4, 2^{11}\})$	7864320
16	$\mathcal{O}(2; \{8^4, 4^3, 2^8\})$	31457280
16	$\mathcal{O}(2; \{8^4, 4^5, 2^5\})$	125829120
16	$\mathcal{O}(2; \{8^4, 4^7, 2^2\})$	503316480
16	$\mathcal{O}(2; \{8^6, 2^9\})$	62914560
16	$\mathcal{O}(2; \{8^6, 4^2, 2^6\})$	251658240
16	$\mathcal{O}(2; \{8^6, 4^4, 2^3\})$	1006632960
16	$\mathcal{O}(2; \{8^6, 4^6\})$	4026531840
16	$\mathcal{O}(2; \{8^8, 4, 2^4\})$	2013265920
16	$\mathcal{O}(2; \{8^8, 4^3, 2\})$	8053063680
16	$\mathcal{O}(2; \{8^{10}, 2^2\})$	16106127360
16	$\mathcal{O}(2; \{16^2, 8, 2^{14}\})$	2097152
16	$\mathcal{O}(2; \{16^2, 8, 4^2, 2^{11}\})$	8388608
16	$\mathcal{O}(2; \{16^2, 8, 4^4, 2^8\})$	33554432
16	$\mathcal{O}(2; \{16^2, 8, 4^6, 2^5\})$	134217728
16	$\mathcal{O}(2; \{16^2, 8, 4^8, 2^2\})$	536870912
16	$\mathcal{O}(2; \{16^2, 8^3, 4, 2^9\})$	67108864
16	$\mathcal{O}(2; \{16^2, 8^3, 4^3, 2^6\})$	268435456
16	$\mathcal{O}(2; \{16^2, 8^3, 4^5, 2^3\})$	1073741824
16	$\mathcal{O}(2; \{16^2, 8^3, 4^7\})$	4294967296
16	$\mathcal{O}(2; \{16^2, 8^5, 2^7\})$	536870912
16	$\mathcal{O}(2; \{16^2, 8^5, 4^2, 2^4\})$	2147483648
16	$\mathcal{O}(2; \{16^2, 8^5, 4^4, 2\})$	8589934592
16	$\mathcal{O}(2; \{16^2, 8^7, 4, 2^2\})$	17179869184
16	$\mathcal{O}(2; \{16^2, 8^9\})$	137438953472
16	$\mathcal{O}(2; \{16^4, 2^{12}\})$	33554432

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(2; \{16^4, 4^2, 2^9\})$	134217728
16	$\mathcal{O}(2; \{16^4, 4^4, 2^6\})$	536870912
16	$\mathcal{O}(2; \{16^4, 4^6, 2^3\})$	2147483648
16	$\mathcal{O}(2; \{16^4, 4^8\})$	8589934592
16	$\mathcal{O}(2; \{16^4, 8^2, 4, 2^7\})$	1073741824
16	$\mathcal{O}(2; \{16^4, 8^2, 4^3, 2^4\})$	4294967296
16	$\mathcal{O}(2; \{16^4, 8^2, 4^5, 2\})$	17179869184
16	$\mathcal{O}(2; \{16^4, 8^4, 2^5\})$	8589934592
16	$\mathcal{O}(2; \{16^4, 8^4, 4^2, 2^2\})$	34359738368
16	$\mathcal{O}(2; \{16^4, 8^6, 4\})$	274877906944
16	$\mathcal{O}(2; \{16^6, 8, 4, 2^5\})$	17179869184
16	$\mathcal{O}(2; \{16^6, 8, 4^3, 2^2\})$	68719476736
16	$\mathcal{O}(2; \{16^6, 8^3, 2^3\})$	137438953472
16	$\mathcal{O}(2; \{16^6, 8^3, 4^2\})$	549755813888
16	$\mathcal{O}(2; \{16^8, 4, 2^3\})$	274877906944
16	$\mathcal{O}(2; \{16^8, 4^3\})$	1099511627776
16	$\mathcal{O}(2; \{16^8, 8^2, 2\})$	2199023255552
16	$\mathcal{O}(1; \{8^2, 2^{20}\})$	768
16	$\mathcal{O}(1; \{8^2, 4^2, 2^{17}\})$	3072
16	$\mathcal{O}(1; \{8^2, 4^4, 2^{14}\})$	12288
16	$\mathcal{O}(1; \{8^2, 4^6, 2^{11}\})$	49152
16	$\mathcal{O}(1; \{8^2, 4^8, 2^8\})$	196608
16	$\mathcal{O}(1; \{8^2, 4^{10}, 2^5\})$	786432
16	$\mathcal{O}(1; \{8^2, 4^{12}, 2^2\})$	3145728
16	$\mathcal{O}(1; \{8^4, 4, 2^{15}\})$	24576
16	$\mathcal{O}(1; \{8^4, 4^3, 2^{12}\})$	98304
16	$\mathcal{O}(1; \{8^4, 4^5, 2^9\})$	393216
16	$\mathcal{O}(1; \{8^4, 4^7, 2^6\})$	1572864
16	$\mathcal{O}(1; \{8^4, 4^9, 2^3\})$	6291456
16	$\mathcal{O}(1; \{8^4, 4^{11}\})$	25165824
16	$\mathcal{O}(1; \{8^6, 2^{13}\})$	196608
16	$\mathcal{O}(1; \{8^6, 4^2, 2^{10}\})$	786432
16	$\mathcal{O}(1; \{8^6, 4^4, 2^7\})$	3145728
16	$\mathcal{O}(1; \{8^6, 4^6, 2^4\})$	12582912
16	$\mathcal{O}(1; \{8^6, 4^8, 2\})$	50331648
16	$\mathcal{O}(1; \{8^8, 4, 2^8\})$	6291456
16	$\mathcal{O}(1; \{8^8, 4^3, 2^5\})$	25165824
16	$\mathcal{O}(1; \{8^8, 4^5, 2^2\})$	100663296
16	$\mathcal{O}(1; \{8^{10}, 2^6\})$	50331648
16	$\mathcal{O}(1; \{8^{10}, 4^2, 2^3\})$	201326592
16	$\mathcal{O}(1; \{8^{10}, 4^4\})$	805306368
16	$\mathcal{O}(1; \{8^{12}, 4, 2\})$	1610612736
16	$\mathcal{O}(1; \{16^2, 8, 2^{18}\})$	8192

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(1; \{16^2, 8, 4^2, 2^{15}\})$	32768
16	$\mathcal{O}(1; \{16^2, 8, 4^4, 2^{12}\})$	131072
16	$\mathcal{O}(1; \{16^2, 8, 4^6, 2^9\})$	524288
16	$\mathcal{O}(1; \{16^2, 8, 4^8, 2^6\})$	2097152
16	$\mathcal{O}(1; \{16^2, 8, 4^{10}, 2^3\})$	8388608
16	$\mathcal{O}(1; \{16^2, 8, 4^{12}\})$	33554432
16	$\mathcal{O}(1; \{16^2, 8^3, 4, 2^{13}\})$	262144
16	$\mathcal{O}(1; \{16^2, 8^3, 4^3, 2^{10}\})$	1048576
16	$\mathcal{O}(1; \{16^2, 8^3, 4^5, 2^7\})$	4194304
16	$\mathcal{O}(1; \{16^2, 8^3, 4^7, 2^4\})$	16777216
16	$\mathcal{O}(1; \{16^2, 8^3, 4^9, 2\})$	67108864
16	$\mathcal{O}(1; \{16^2, 8^5, 2^{11}\})$	2097152
16	$\mathcal{O}(1; \{16^2, 8^5, 4^2, 2^8\})$	8388608
16	$\mathcal{O}(1; \{16^2, 8^5, 4^4, 2^5\})$	33554432
16	$\mathcal{O}(1; \{16^2, 8^5, 4^6, 2^2\})$	134217728
16	$\mathcal{O}(1; \{16^2, 8^7, 4, 2^6\})$	67108864
16	$\mathcal{O}(1; \{16^2, 8^7, 4^3, 2^3\})$	268435456
16	$\mathcal{O}(1; \{16^2, 8^7, 4^5\})$	1073741824
16	$\mathcal{O}(1; \{16^2, 8^9, 2^4\})$	536870912
16	$\mathcal{O}(1; \{16^2, 8^9, 4^2, 2\})$	2147483648
16	$\mathcal{O}(1; \{16^4, 2^{16}\})$	131072
16	$\mathcal{O}(1; \{16^4, 4^2, 2^{13}\})$	524288
16	$\mathcal{O}(1; \{16^4, 4^4, 2^{10}\})$	2097152
16	$\mathcal{O}(1; \{16^4, 4^6, 2^7\})$	8388608
16	$\mathcal{O}(1; \{16^4, 4^8, 2^4\})$	33554432
16	$\mathcal{O}(1; \{16^4, 4^{10}, 2\})$	134217728
16	$\mathcal{O}(1; \{16^4, 8^2, 4, 2^{11}\})$	4194304
16	$\mathcal{O}(1; \{16^4, 8^2, 4^3, 2^8\})$	16777216
16	$\mathcal{O}(1; \{16^4, 8^2, 4^5, 2^5\})$	67108864
16	$\mathcal{O}(1; \{16^4, 8^2, 4^7, 2^2\})$	268435456
16	$\mathcal{O}(1; \{16^4, 8^4, 2^9\})$	33554432
16	$\mathcal{O}(1; \{16^4, 8^4, 4^2, 2^6\})$	134217728
16	$\mathcal{O}(1; \{16^4, 8^4, 4^4, 2^3\})$	536870912
16	$\mathcal{O}(1; \{16^4, 8^4, 4^6\})$	2147483648
16	$\mathcal{O}(1; \{16^4, 8^6, 4, 2^4\})$	1073741824
16	$\mathcal{O}(1; \{16^4, 8^6, 4^3, 2\})$	4294967296
16	$\mathcal{O}(1; \{16^4, 8^8, 2^2\})$	8589934592
16	$\mathcal{O}(1; \{16^6, 8, 4, 2^9\})$	67108864
16	$\mathcal{O}(1; \{16^6, 8, 4^3, 2^6\})$	268435456
16	$\mathcal{O}(1; \{16^6, 8, 4^5, 2^3\})$	1073741824
16	$\mathcal{O}(1; \{16^6, 8, 4^7\})$	4294967296
16	$\mathcal{O}(1; \{16^6, 8^3, 2^7\})$	536870912
16	$\mathcal{O}(1; \{16^6, 8^3, 4^2, 2^4\})$	2147483648

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(1; \{16^6, 8^3, 4^4, 2\})$	8589934592
16	$\mathcal{O}(1; \{16^6, 8^5, 4, 2^2\})$	17179869184
16	$\mathcal{O}(1; \{16^6, 8^7\})$	137438953472
16	$\mathcal{O}(1; \{16^8, 4, 2^7\})$	1073741824
16	$\mathcal{O}(1; \{16^8, 4^3, 2^4\})$	4294967296
16	$\mathcal{O}(1; \{16^8, 4^5, 2\})$	17179869184
16	$\mathcal{O}(1; \{16^8, 8^2, 2^5\})$	8589934592
16	$\mathcal{O}(1; \{16^8, 8^2, 4^2, 2^2\})$	34359738368
16	$\mathcal{O}(1; \{16^8, 8^4, 4\})$	274877906944
16	$\mathcal{O}(1; \{16^{10}, 8, 2^3\})$	137438953472
16	$\mathcal{O}(1; \{16^{10}, 8, 4^2\})$	549755813888
16	$\mathcal{O}(1; \{16^{12}, 2\})$	2199023255552
16	$\mathcal{O}(0; \{16^2, 8, 2^{22}\})$	32
16	$\mathcal{O}(0; \{16^2, 8, 4^2, 2^{19}\})$	128
16	$\mathcal{O}(0; \{16^2, 8, 4^4, 2^{16}\})$	512
16	$\mathcal{O}(0; \{16^2, 8, 4^6, 2^{13}\})$	2048
16	$\mathcal{O}(0; \{16^2, 8, 4^8, 2^{10}\})$	8192
16	$\mathcal{O}(0; \{16^2, 8, 4^{10}, 2^7\})$	32768
16	$\mathcal{O}(0; \{16^2, 8, 4^{12}, 2^4\})$	131072
16	$\mathcal{O}(0; \{16^2, 8, 4^{14}, 2\})$	524288
16	$\mathcal{O}(0; \{16^2, 8^3, 4, 2^{17}\})$	1024
16	$\mathcal{O}(0; \{16^2, 8^3, 4^3, 2^{14}\})$	4096
16	$\mathcal{O}(0; \{16^2, 8^3, 4^5, 2^{11}\})$	16384
16	$\mathcal{O}(0; \{16^2, 8^3, 4^7, 2^8\})$	65536
16	$\mathcal{O}(0; \{16^2, 8^3, 4^9, 2^5\})$	262144
16	$\mathcal{O}(0; \{16^2, 8^3, 4^{11}, 2^2\})$	1048576
16	$\mathcal{O}(0; \{16^2, 8^5, 2^{15}\})$	8192
16	$\mathcal{O}(0; \{16^2, 8^5, 4^2, 2^{12}\})$	32768
16	$\mathcal{O}(0; \{16^2, 8^5, 4^4, 2^9\})$	131072
16	$\mathcal{O}(0; \{16^2, 8^5, 4^6, 2^6\})$	524288
16	$\mathcal{O}(0; \{16^2, 8^5, 4^8, 2^3\})$	2097152
16	$\mathcal{O}(0; \{16^2, 8^5, 4^{10}\})$	8388608
16	$\mathcal{O}(0; \{16^2, 8^7, 4, 2^{10}\})$	262144
16	$\mathcal{O}(0; \{16^2, 8^7, 4^3, 2^7\})$	1048576
16	$\mathcal{O}(0; \{16^2, 8^7, 4^5, 2^4\})$	4194304
16	$\mathcal{O}(0; \{16^2, 8^7, 4^7, 2\})$	16777216
16	$\mathcal{O}(0; \{16^2, 8^9, 2^8\})$	2097152
16	$\mathcal{O}(0; \{16^2, 8^9, 4^2, 2^5\})$	8388608
16	$\mathcal{O}(0; \{16^2, 8^9, 4^4, 2^2\})$	33554432
16	$\mathcal{O}(0; \{16^2, 8^{11}, 4, 2^3\})$	67108864
16	$\mathcal{O}(0; \{16^2, 8^{11}, 4^3\})$	268435456
16	$\mathcal{O}(0; \{16^2, 8^{13}, 2\})$	536870912
16	$\mathcal{O}(0; \{16^4, 2^{20}\})$	512

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{16^4, 4^2, 2^{17}\})$	2048
16	$\mathcal{O}(0; \{16^4, 4^4, 2^{14}\})$	8192
16	$\mathcal{O}(0; \{16^4, 4^6, 2^{11}\})$	32768
16	$\mathcal{O}(0; \{16^4, 4^8, 2^8\})$	131072
16	$\mathcal{O}(0; \{16^4, 4^{10}, 2^5\})$	524288
16	$\mathcal{O}(0; \{16^4, 4^{12}, 2^2\})$	2097152
16	$\mathcal{O}(0; \{16^4, 8^2, 4, 2^{15}\})$	16384
16	$\mathcal{O}(0; \{16^4, 8^2, 4^3, 2^{12}\})$	65536
16	$\mathcal{O}(0; \{16^4, 8^2, 4^5, 2^9\})$	262144
16	$\mathcal{O}(0; \{16^4, 8^2, 4^7, 2^6\})$	1048576
16	$\mathcal{O}(0; \{16^4, 8^2, 4^9, 2^3\})$	4194304
16	$\mathcal{O}(0; \{16^4, 8^2, 4^{11}\})$	16777216
16	$\mathcal{O}(0; \{16^4, 8^4, 2^{13}\})$	131072
16	$\mathcal{O}(0; \{16^4, 8^4, 4^2, 2^{10}\})$	524288
16	$\mathcal{O}(0; \{16^4, 8^4, 4^4, 2^7\})$	2097152
16	$\mathcal{O}(0; \{16^4, 8^4, 4^6, 2^4\})$	8388608
16	$\mathcal{O}(0; \{16^4, 8^4, 4^8, 2\})$	33554432
16	$\mathcal{O}(0; \{16^4, 8^6, 4, 2^8\})$	4194304
16	$\mathcal{O}(0; \{16^4, 8^6, 4^3, 2^5\})$	16777216
16	$\mathcal{O}(0; \{16^4, 8^6, 4^5, 2^2\})$	67108864
16	$\mathcal{O}(0; \{16^4, 8^8, 2^6\})$	33554432
16	$\mathcal{O}(0; \{16^4, 8^8, 4^2, 2^3\})$	134217728
16	$\mathcal{O}(0; \{16^4, 8^8, 4^4\})$	536870912
16	$\mathcal{O}(0; \{16^4, 8^{10}, 4, 2\})$	1073741824
16	$\mathcal{O}(0; \{16^6, 8, 4, 2^{13}\})$	262144
16	$\mathcal{O}(0; \{16^6, 8, 4^3, 2^{10}\})$	1048576
16	$\mathcal{O}(0; \{16^6, 8, 4^5, 2^7\})$	4194304
16	$\mathcal{O}(0; \{16^6, 8, 4^7, 2^4\})$	16777216
16	$\mathcal{O}(0; \{16^6, 8, 4^9, 2\})$	67108864
16	$\mathcal{O}(0; \{16^6, 8^3, 2^{11}\})$	2097152
16	$\mathcal{O}(0; \{16^6, 8^3, 4^2, 2^8\})$	8388608
16	$\mathcal{O}(0; \{16^6, 8^3, 4^4, 2^5\})$	33554432
16	$\mathcal{O}(0; \{16^6, 8^3, 4^6, 2^2\})$	134217728
16	$\mathcal{O}(0; \{16^6, 8^5, 4, 2^6\})$	67108864
16	$\mathcal{O}(0; \{16^6, 8^5, 4^3, 2^3\})$	268435456
16	$\mathcal{O}(0; \{16^6, 8^5, 4^5\})$	1073741824
16	$\mathcal{O}(0; \{16^6, 8^7, 2^4\})$	536870912
16	$\mathcal{O}(0; \{16^6, 8^7, 4^2, 2\})$	2147483648
16	$\mathcal{O}(0; \{16^8, 4, 2^{11}\})$	4194304
16	$\mathcal{O}(0; \{16^8, 4^3, 2^8\})$	16777216
16	$\mathcal{O}(0; \{16^8, 4^5, 2^5\})$	67108864
16	$\mathcal{O}(0; \{16^8, 4^7, 2^2\})$	268435456
16	$\mathcal{O}(0; \{16^8, 8^2, 2^9\})$	33554432

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{16^8, 8^2, 4^2, 2^6\})$	134217728
16	$\mathcal{O}(0; \{16^8, 8^2, 4^4, 2^3\})$	536870912
16	$\mathcal{O}(0; \{16^8, 8^2, 4^6\})$	2147483648
16	$\mathcal{O}(0; \{16^8, 8^4, 4, 2^4\})$	1073741824
16	$\mathcal{O}(0; \{16^8, 8^4, 4^3, 2\})$	4294967296
16	$\mathcal{O}(0; \{16^8, 8^6, 2^2\})$	8589934592
16	$\mathcal{O}(0; \{16^{10}, 8, 2^7\})$	536870912
16	$\mathcal{O}(0; \{16^{10}, 8, 4^2, 2^4\})$	2147483648
16	$\mathcal{O}(0; \{16^{10}, 8, 4^4, 2\})$	8589934592
16	$\mathcal{O}(0; \{16^{10}, 8^3, 4, 2^2\})$	17179869184
16	$\mathcal{O}(0; \{16^{10}, 8^5\})$	137438953472
16	$\mathcal{O}(0; \{16^{12}, 2^5\})$	8589934592
16	$\mathcal{O}(0; \{16^{12}, 4^2, 2^2\})$	34359738368
16	$\mathcal{O}(0; \{16^{12}, 8^2, 4\})$	274877906944
18	$\mathcal{O}(5; \{9^2, 3\})$	42803765306676
18	$\mathcal{O}(4; \{9^2, 3, 2^4\})$	132239526912
18	$\mathcal{O}(4; \{9^2, 3^4\})$	1053783730080
18	$\mathcal{O}(4; \{9^2, 6, 3^2, 2\})$	528958107648
18	$\mathcal{O}(4; \{9^2, 6^2, 2^2\})$	264479053824
18	$\mathcal{O}(4; \{9^5\})$	8891300222550
18	$\mathcal{O}(4; \{18, 9^3, 6\})$	3570467226624
18	$\mathcal{O}(4; \{18^2, 9, 3, 2^2\})$	396718580736
18	$\mathcal{O}(4; \{18^2, 9, 6^2\})$	793437161472
18	$\mathcal{O}(4; \{18^4, 3\})$	3570467226624
18	$\mathcal{O}(3; \{9^2, 3, 2^8\})$	408146688
18	$\mathcal{O}(3; \{9^2, 3^4, 2^4\})$	3265173504
18	$\mathcal{O}(3; \{9^2, 3^7\})$	25713241344
18	$\mathcal{O}(3; \{9^2, 6, 3^2, 2^5\})$	1632586752
18	$\mathcal{O}(3; \{9^2, 6, 3^5, 2\})$	13060694016
18	$\mathcal{O}(3; \{9^2, 6^2, 2^6\})$	816293376
18	$\mathcal{O}(3; \{9^2, 6^2, 3^3, 2^2\})$	6530347008
18	$\mathcal{O}(3; \{9^2, 6^3, 3, 2^3\})$	3265173504
18	$\mathcal{O}(3; \{9^2, 6^4, 3^2\})$	13060694016
18	$\mathcal{O}(3; \{9^2, 6^5, 2\})$	6530347008
18	$\mathcal{O}(3; \{9^5, 2^4\})$	27549901440
18	$\mathcal{O}(3; \{9^5, 3^3\})$	216955473840
18	$\mathcal{O}(3; \{9^5, 6, 3, 2\})$	110199605760
18	$\mathcal{O}(3; \{18, 9^3, 3^2, 2^3\})$	22039921152
18	$\mathcal{O}(3; \{18, 9^3, 6, 2^4\})$	11019960576
18	$\mathcal{O}(3; \{18, 9^3, 6, 3^3\})$	88159684608
18	$\mathcal{O}(3; \{18, 9^3, 6^2, 3, 2\})$	44079842304
18	$\mathcal{O}(3; \{18^2, 9, 3, 2^6\})$	1224440064
18	$\mathcal{O}(3; \{18^2, 9, 3^4, 2^2\})$	9795520512

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(3; \{18^2, 9, 6, 3^2, 2^3\})$	4897760256
18	$\mathcal{O}(3; \{18^2, 9, 6^2, 2^4\})$	2448880128
18	$\mathcal{O}(3; \{18^2, 9, 6^2, 3^3\})$	19591041024
18	$\mathcal{O}(3; \{18^2, 9, 6^3, 3, 2\})$	9795520512
18	$\mathcal{O}(3; \{18^2, 9^4, 2^2\})$	181829349504
18	$\mathcal{O}(3; \{18^3, 9^2, 3^2, 2\})$	110199605760
18	$\mathcal{O}(3; \{18^3, 9^2, 6, 2^2\})$	55099802880
18	$\mathcal{O}(3; \{18^4, 3, 2^4\})$	11019960576
18	$\mathcal{O}(3; \{18^4, 3^4\})$	88159684608
18	$\mathcal{O}(3; \{18^4, 6, 3^2, 2\})$	44079842304
18	$\mathcal{O}(3; \{18^4, 6^2, 2^2\})$	22039921152
18	$\mathcal{O}(3; \{18^4, 9^3\})$	1041386274432
18	$\mathcal{O}(3; \{18^5, 9, 6\})$	363658699008
18	$\mathcal{O}(2; \{9^2, 3, 2^{12}\})$	1259712
18	$\mathcal{O}(2; \{9^2, 3^4, 2^8\})$	10077696
18	$\mathcal{O}(2; \{9^2, 3^7, 2^4\})$	80621568
18	$\mathcal{O}(2; \{9^2, 3^{10}\})$	604661760
18	$\mathcal{O}(2; \{9^2, 6, 3^2, 2^9\})$	5038848
18	$\mathcal{O}(2; \{9^2, 6, 3^5, 2^5\})$	40310784
18	$\mathcal{O}(2; \{9^2, 6, 3^8, 2\})$	322486272
18	$\mathcal{O}(2; \{9^2, 6^2, 2^{10}\})$	2519424
18	$\mathcal{O}(2; \{9^2, 6^2, 3^3, 2^6\})$	20155392
18	$\mathcal{O}(2; \{9^2, 6^2, 3^6, 2^2\})$	161243136
18	$\mathcal{O}(2; \{9^2, 6^3, 3, 2^7\})$	10077696
18	$\mathcal{O}(2; \{9^2, 6^3, 3^4, 2^3\})$	80621568
18	$\mathcal{O}(2; \{9^2, 6^4, 3^2, 2^4\})$	40310784
18	$\mathcal{O}(2; \{9^2, 6^4, 3^5\})$	322486272
18	$\mathcal{O}(2; \{9^2, 6^5, 2^5\})$	20155392
18	$\mathcal{O}(2; \{9^2, 6^5, 3^3, 2\})$	161243136
18	$\mathcal{O}(2; \{9^2, 6^6, 3, 2^2\})$	80621568
18	$\mathcal{O}(2; \{9^2, 6^8\})$	161243136
18	$\mathcal{O}(2; \{9^5, 2^8\})$	85030560
18	$\mathcal{O}(2; \{9^5, 3^3, 2^4\})$	680244480
18	$\mathcal{O}(2; \{9^5, 3^6\})$	5101833600
18	$\mathcal{O}(2; \{9^5, 6, 3, 2^5\})$	340122240
18	$\mathcal{O}(2; \{9^5, 6, 3^4, 2\})$	2720977920
18	$\mathcal{O}(2; \{9^5, 6^2, 3^2, 2^2\})$	1360488960
18	$\mathcal{O}(2; \{9^5, 6^3, 2^3\})$	680244480
18	$\mathcal{O}(2; \{9^5, 6^4, 3\})$	2720977920
18	$\mathcal{O}(2; \{9^8, 3^2\})$	74040360120
18	$\mathcal{O}(2; \{9^8, 6, 2\})$	39488192064
18	$\mathcal{O}(2; \{18, 9^3, 3^2, 2^7\})$	68024448
18	$\mathcal{O}(2; \{18, 9^3, 3^5, 2^3\})$	544195584

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(2; \{18, 9^3, 6, 2^8\})$	34012224
18	$\mathcal{O}(2; \{18, 9^3, 6, 3^3, 2^4\})$	272097792
18	$\mathcal{O}(2; \{18, 9^3, 6, 3^6\})$	2176782336
18	$\mathcal{O}(2; \{18, 9^3, 6^2, 3, 2^5\})$	136048896
18	$\mathcal{O}(2; \{18, 9^3, 6^2, 3^4, 2\})$	1088391168
18	$\mathcal{O}(2; \{18, 9^3, 6^3, 3^2, 2^2\})$	544195584
18	$\mathcal{O}(2; \{18, 9^3, 6^4, 2^3\})$	272097792
18	$\mathcal{O}(2; \{18, 9^3, 6^5, 3\})$	1088391168
18	$\mathcal{O}(2; \{18, 9^6, 3, 2^3\})$	6428310336
18	$\mathcal{O}(2; \{18, 9^6, 6, 3^2\})$	25713241344
18	$\mathcal{O}(2; \{18, 9^6, 6^2, 2\})$	12856620672
18	$\mathcal{O}(2; \{18^2, 9, 3, 2^{10}\})$	3779136
18	$\mathcal{O}(2; \{18^2, 9, 3^4, 2^6\})$	30233088
18	$\mathcal{O}(2; \{18^2, 9, 3^7, 2^2\})$	241864704
18	$\mathcal{O}(2; \{18^2, 9, 6, 3^2, 2^7\})$	15116544
18	$\mathcal{O}(2; \{18^2, 9, 6, 3^5, 2^3\})$	120932352
18	$\mathcal{O}(2; \{18^2, 9, 6^2, 2^8\})$	7558272
18	$\mathcal{O}(2; \{18^2, 9, 6^2, 3^3, 2^4\})$	60466176
18	$\mathcal{O}(2; \{18^2, 9, 6^2, 3^6\})$	483729408
18	$\mathcal{O}(2; \{18^2, 9, 6^3, 3, 2^5\})$	30233088
18	$\mathcal{O}(2; \{18^2, 9, 6^3, 3^4, 2\})$	241864704
18	$\mathcal{O}(2; \{18^2, 9, 6^4, 3^2, 2^2\})$	120932352
18	$\mathcal{O}(2; \{18^2, 9, 6^5, 2^3\})$	60466176
18	$\mathcal{O}(2; \{18^2, 9, 6^6, 3\})$	241864704
18	$\mathcal{O}(2; \{18^2, 9^4, 2^6\})$	561201696
18	$\mathcal{O}(2; \{18^2, 9^4, 3^3, 2^2\})$	4489613568
18	$\mathcal{O}(2; \{18^2, 9^4, 6, 3, 2^3\})$	2244806784
18	$\mathcal{O}(2; \{18^2, 9^4, 6^2, 3^2\})$	8979227136
18	$\mathcal{O}(2; \{18^2, 9^4, 6^3, 2\})$	4489613568
18	$\mathcal{O}(2; \{18^3, 9^2, 3^2, 2^5\})$	340122240
18	$\mathcal{O}(2; \{18^3, 9^2, 3^5, 2\})$	2720977920
18	$\mathcal{O}(2; \{18^3, 9^2, 6, 2^6\})$	170061120
18	$\mathcal{O}(2; \{18^3, 9^2, 6, 3^3, 2^2\})$	1360488960
18	$\mathcal{O}(2; \{18^3, 9^2, 6^2, 3, 2^3\})$	680244480
18	$\mathcal{O}(2; \{18^3, 9^2, 6^3, 3^2\})$	2720977920
18	$\mathcal{O}(2; \{18^3, 9^2, 6^4, 2\})$	1360488960
18	$\mathcal{O}(2; \{18^3, 9^5, 3, 2\})$	39488192064
18	$\mathcal{O}(2; \{18^4, 3, 2^8\})$	34012224
18	$\mathcal{O}(2; \{18^4, 3^4, 2^4\})$	272097792
18	$\mathcal{O}(2; \{18^4, 3^7\})$	2176782336
18	$\mathcal{O}(2; \{18^4, 6, 3^2, 2^5\})$	136048896
18	$\mathcal{O}(2; \{18^4, 6, 3^5, 2\})$	1088391168
18	$\mathcal{O}(2; \{18^4, 6^2, 2^6\})$	68024448

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(2; \{18^4, 6^2, 3^3, 2^2\})$	544195584
18	$\mathcal{O}(2; \{18^4, 6^3, 3, 2^3\})$	272097792
18	$\mathcal{O}(2; \{18^4, 6^4, 3^2\})$	1088391168
18	$\mathcal{O}(2; \{18^4, 6^5, 2\})$	544195584
18	$\mathcal{O}(2; \{18^4, 9^3, 2^4\})$	3214155168
18	$\mathcal{O}(2; \{18^4, 9^3, 3^3\})$	25713241344
18	$\mathcal{O}(2; \{18^4, 9^3, 6, 3, 2\})$	12856620672
18	$\mathcal{O}(2; \{18^5, 9, 3^2, 2^3\})$	2244806784
18	$\mathcal{O}(2; \{18^5, 9, 6, 2^4\})$	1122403392
18	$\mathcal{O}(2; \{18^5, 9, 6, 3^3\})$	8979227136
18	$\mathcal{O}(2; \{18^5, 9, 6^2, 3, 2\})$	4489613568
18	$\mathcal{O}(2; \{18^6, 9^2, 2^2\})$	19744096032
18	$\mathcal{O}(2; \{18^7, 3^2, 2\})$	12856620672
18	$\mathcal{O}(2; \{18^7, 6, 2^2\})$	6428310336
18	$\mathcal{O}(2; \{18^8, 9\})$	117087081120
18	$\mathcal{O}(1; \{9^2, 3, 2^{16}\})$	3888
18	$\mathcal{O}(1; \{9^2, 3^4, 2^{12}\})$	31104
18	$\mathcal{O}(1; \{9^2, 3^7, 2^8\})$	248832
18	$\mathcal{O}(1; \{9^2, 3^{10}, 2^4\})$	1990656
18	$\mathcal{O}(1; \{9^2, 3^{13}\})$	11943936
18	$\mathcal{O}(1; \{9^2, 6, 3^2, 2^{13}\})$	15552
18	$\mathcal{O}(1; \{9^2, 6, 3^5, 2^9\})$	124416
18	$\mathcal{O}(1; \{9^2, 6, 3^8, 2^5\})$	995328
18	$\mathcal{O}(1; \{9^2, 6, 3^{11}, 2\})$	7962624
18	$\mathcal{O}(1; \{9^2, 6^2, 2^{14}\})$	7776
18	$\mathcal{O}(1; \{9^2, 6^2, 3^3, 2^{10}\})$	62208
18	$\mathcal{O}(1; \{9^2, 6^2, 3^6, 2^6\})$	497664
18	$\mathcal{O}(1; \{9^2, 6^2, 3^9, 2^2\})$	3981312
18	$\mathcal{O}(1; \{9^2, 6^3, 3, 2^{11}\})$	31104
18	$\mathcal{O}(1; \{9^2, 6^3, 3^4, 2^7\})$	248832
18	$\mathcal{O}(1; \{9^2, 6^3, 3^7, 2^3\})$	1990656
18	$\mathcal{O}(1; \{9^2, 6^4, 3^2, 2^8\})$	124416
18	$\mathcal{O}(1; \{9^2, 6^4, 3^5, 2^4\})$	995328
18	$\mathcal{O}(1; \{9^2, 6^4, 3^8\})$	7962624
18	$\mathcal{O}(1; \{9^2, 6^5, 2^9\})$	62208
18	$\mathcal{O}(1; \{9^2, 6^5, 3^3, 2^5\})$	497664
18	$\mathcal{O}(1; \{9^2, 6^5, 3^6, 2\})$	3981312
18	$\mathcal{O}(1; \{9^2, 6^6, 3, 2^6\})$	248832
18	$\mathcal{O}(1; \{9^2, 6^6, 3^4, 2^2\})$	1990656
18	$\mathcal{O}(1; \{9^2, 6^7, 3^2, 2^3\})$	995328
18	$\mathcal{O}(1; \{9^2, 6^8, 2^4\})$	497664
18	$\mathcal{O}(1; \{9^2, 6^8, 3^3\})$	3981312
18	$\mathcal{O}(1; \{9^2, 6^9, 3, 2\})$	1990656

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{9^5, 2^{12}\})$	262440
18	$\mathcal{O}(1; \{9^5, 3^3, 2^8\})$	2099520
18	$\mathcal{O}(1; \{9^5, 3^6, 2^4\})$	16796160
18	$\mathcal{O}(1; \{9^5, 3^9\})$	100776960
18	$\mathcal{O}(1; \{9^5, 6, 3, 2^9\})$	1049760
18	$\mathcal{O}(1; \{9^5, 6, 3^4, 2^5\})$	8398080
18	$\mathcal{O}(1; \{9^5, 6, 3^7, 2\})$	67184640
18	$\mathcal{O}(1; \{9^5, 6^2, 3^2, 2^6\})$	4199040
18	$\mathcal{O}(1; \{9^5, 6^2, 3^5, 2^2\})$	33592320
18	$\mathcal{O}(1; \{9^5, 6^3, 2^7\})$	2099520
18	$\mathcal{O}(1; \{9^5, 6^3, 3^3, 2^3\})$	16796160
18	$\mathcal{O}(1; \{9^5, 6^4, 3, 2^4\})$	8398080
18	$\mathcal{O}(1; \{9^5, 6^4, 3^4\})$	67184640
18	$\mathcal{O}(1; \{9^5, 6^5, 3^2, 2\})$	33592320
18	$\mathcal{O}(1; \{9^5, 6^6, 2^2\})$	16796160
18	$\mathcal{O}(1; \{9^8, 3^2, 2^4\})$	243754272
18	$\mathcal{O}(1; \{9^8, 3^5\})$	1462525632
18	$\mathcal{O}(1; \{9^8, 6, 2^5\})$	121877136
18	$\mathcal{O}(1; \{9^8, 6, 3^3, 2\})$	975017088
18	$\mathcal{O}(1; \{9^8, 6^2, 3, 2^2\})$	487508544
18	$\mathcal{O}(1; \{9^8, 6^4\})$	975017088
18	$\mathcal{O}(1; \{9^{11}, 3\})$	19571909148
18	$\mathcal{O}(1; \{18, 9^3, 3^2, 2^{11}\})$	209952
18	$\mathcal{O}(1; \{18, 9^3, 3^5, 2^7\})$	1679616
18	$\mathcal{O}(1; \{18, 9^3, 3^8, 2^3\})$	13436928
18	$\mathcal{O}(1; \{18, 9^3, 6, 2^{12}\})$	104976
18	$\mathcal{O}(1; \{18, 9^3, 6, 3^3, 2^8\})$	839808
18	$\mathcal{O}(1; \{18, 9^3, 6, 3^6, 2^4\})$	6718464
18	$\mathcal{O}(1; \{18, 9^3, 6, 3^9\})$	53747712
18	$\mathcal{O}(1; \{18, 9^3, 6^2, 3, 2^9\})$	419904
18	$\mathcal{O}(1; \{18, 9^3, 6^2, 3^4, 2^5\})$	3359232
18	$\mathcal{O}(1; \{18, 9^3, 6^2, 3^7, 2\})$	26873856
18	$\mathcal{O}(1; \{18, 9^3, 6^3, 3^2, 2^6\})$	1679616
18	$\mathcal{O}(1; \{18, 9^3, 6^3, 3^5, 2^2\})$	13436928
18	$\mathcal{O}(1; \{18, 9^3, 6^4, 2^7\})$	839808
18	$\mathcal{O}(1; \{18, 9^3, 6^4, 3^3, 2^3\})$	6718464
18	$\mathcal{O}(1; \{18, 9^3, 6^5, 3, 2^4\})$	3359232
18	$\mathcal{O}(1; \{18, 9^3, 6^5, 3^4\})$	26873856
18	$\mathcal{O}(1; \{18, 9^3, 6^6, 3^2, 2\})$	13436928
18	$\mathcal{O}(1; \{18, 9^3, 6^7, 2^2\})$	6718464
18	$\mathcal{O}(1; \{18, 9^6, 3, 2^7\})$	19840464
18	$\mathcal{O}(1; \{18, 9^6, 3^4, 2^3\})$	158723712
18	$\mathcal{O}(1; \{18, 9^6, 6, 3^2, 2^4\})$	79361856

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18, 9^6, 6, 3^5\})$	634894848
18	$\mathcal{O}(1; \{18, 9^6, 6^2, 2^5\})$	39680928
18	$\mathcal{O}(1; \{18, 9^6, 6^2, 3^3, 2\})$	317447424
18	$\mathcal{O}(1; \{18, 9^6, 6^3, 3, 2^2\})$	158723712
18	$\mathcal{O}(1; \{18, 9^6, 6^5\})$	317447424
18	$\mathcal{O}(1; \{18, 9^9, 2^3\})$	2181033864
18	$\mathcal{O}(1; \{18, 9^9, 6, 3\})$	8724135456
18	$\mathcal{O}(1; \{18^2, 9, 3, 2^{14}\})$	11664
18	$\mathcal{O}(1; \{18^2, 9, 3^4, 2^{10}\})$	93312
18	$\mathcal{O}(1; \{18^2, 9, 3^7, 2^6\})$	746496
18	$\mathcal{O}(1; \{18^2, 9, 3^{10}, 2^2\})$	5971968
18	$\mathcal{O}(1; \{18^2, 9, 6, 3^2, 2^{11}\})$	46656
18	$\mathcal{O}(1; \{18^2, 9, 6, 3^5, 2^7\})$	373248
18	$\mathcal{O}(1; \{18^2, 9, 6, 3^8, 2^3\})$	2985984
18	$\mathcal{O}(1; \{18^2, 9, 6^2, 2^{12}\})$	23328
18	$\mathcal{O}(1; \{18^2, 9, 6^2, 3^3, 2^8\})$	186624
18	$\mathcal{O}(1; \{18^2, 9, 6^2, 3^6, 2^4\})$	1492992
18	$\mathcal{O}(1; \{18^2, 9, 6^2, 3^9\})$	11943936
18	$\mathcal{O}(1; \{18^2, 9, 6^3, 3, 2^9\})$	93312
18	$\mathcal{O}(1; \{18^2, 9, 6^3, 3^4, 2^5\})$	746496
18	$\mathcal{O}(1; \{18^2, 9, 6^3, 3^7, 2\})$	5971968
18	$\mathcal{O}(1; \{18^2, 9, 6^4, 3^2, 2^6\})$	373248
18	$\mathcal{O}(1; \{18^2, 9, 6^4, 3^5, 2^2\})$	2985984
18	$\mathcal{O}(1; \{18^2, 9, 6^5, 2^7\})$	186624
18	$\mathcal{O}(1; \{18^2, 9, 6^5, 3^3, 2^3\})$	1492992
18	$\mathcal{O}(1; \{18^2, 9, 6^6, 3, 2^4\})$	746496
18	$\mathcal{O}(1; \{18^2, 9, 6^6, 3^4\})$	5971968
18	$\mathcal{O}(1; \{18^2, 9, 6^7, 3^2, 2\})$	2985984
18	$\mathcal{O}(1; \{18^2, 9, 6^8, 2^2\})$	1492992
18	$\mathcal{O}(1; \{18^2, 9^4, 2^{10}\})$	1732104
18	$\mathcal{O}(1; \{18^2, 9^4, 3^3, 2^6\})$	13856832
18	$\mathcal{O}(1; \{18^2, 9^4, 3^6, 2^2\})$	110854656
18	$\mathcal{O}(1; \{18^2, 9^4, 6, 3, 2^7\})$	6928416
18	$\mathcal{O}(1; \{18^2, 9^4, 6, 3^4, 2^3\})$	55427328
18	$\mathcal{O}(1; \{18^2, 9^4, 6^2, 3^2, 2^4\})$	27713664
18	$\mathcal{O}(1; \{18^2, 9^4, 6^2, 3^5\})$	221709312
18	$\mathcal{O}(1; \{18^2, 9^4, 6^3, 2^5\})$	13856832
18	$\mathcal{O}(1; \{18^2, 9^4, 6^3, 3^3, 2\})$	110854656
18	$\mathcal{O}(1; \{18^2, 9^4, 6^4, 3, 2^2\})$	55427328
18	$\mathcal{O}(1; \{18^2, 9^4, 6^6\})$	110854656
18	$\mathcal{O}(1; \{18^2, 9^7, 3^2, 2^2\})$	1445519520
18	$\mathcal{O}(1; \{18^2, 9^7, 6, 2^3\})$	722759760
18	$\mathcal{O}(1; \{18^2, 9^7, 6^2, 3\})$	2891039040

Continued on next page

Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18^3, 9^2, 3^2, 2^9\})$	1049760
18	$\mathcal{O}(1; \{18^3, 9^2, 3^5, 2^5\})$	8398080
18	$\mathcal{O}(1; \{18^3, 9^2, 3^8, 2\})$	67184640
18	$\mathcal{O}(1; \{18^3, 9^2, 6, 2^{10}\})$	524880
18	$\mathcal{O}(1; \{18^3, 9^2, 6, 3^3, 2^6\})$	4199040
18	$\mathcal{O}(1; \{18^3, 9^2, 6, 3^6, 2^2\})$	33592320
18	$\mathcal{O}(1; \{18^3, 9^2, 6^2, 3, 2^7\})$	2099520
18	$\mathcal{O}(1; \{18^3, 9^2, 6^2, 3^4, 2^3\})$	16796160
18	$\mathcal{O}(1; \{18^3, 9^2, 6^3, 3^2, 2^4\})$	8398080
18	$\mathcal{O}(1; \{18^3, 9^2, 6^3, 3^5\})$	67184640
18	$\mathcal{O}(1; \{18^3, 9^2, 6^4, 2^5\})$	4199040
18	$\mathcal{O}(1; \{18^3, 9^2, 6^4, 3^3, 2\})$	33592320
18	$\mathcal{O}(1; \{18^3, 9^2, 6^5, 3, 2^2\})$	16796160
18	$\mathcal{O}(1; \{18^3, 9^2, 6^7\})$	33592320
18	$\mathcal{O}(1; \{18^3, 9^5, 3, 2^5\})$	121877136
18	$\mathcal{O}(1; \{18^3, 9^5, 3^4, 2\})$	975017088
18	$\mathcal{O}(1; \{18^3, 9^5, 6, 3^2, 2^2\})$	487508544
18	$\mathcal{O}(1; \{18^3, 9^5, 6^2, 2^3\})$	243754272
18	$\mathcal{O}(1; \{18^3, 9^5, 6^3, 3\})$	975017088
18	$\mathcal{O}(1; \{18^3, 9^8, 2\})$	13047939432
18	$\mathcal{O}(1; \{18^4, 3, 2^{12}\})$	104976
18	$\mathcal{O}(1; \{18^4, 3^4, 2^8\})$	839808
18	$\mathcal{O}(1; \{18^4, 3^7, 2^4\})$	6718464
18	$\mathcal{O}(1; \{18^4, 3^{10}\})$	53747712
18	$\mathcal{O}(1; \{18^4, 6, 3^2, 2^9\})$	419904
18	$\mathcal{O}(1; \{18^4, 6, 3^5, 2^5\})$	3359232
18	$\mathcal{O}(1; \{18^4, 6, 3^8, 2\})$	26873856
18	$\mathcal{O}(1; \{18^4, 6^2, 2^{10}\})$	209952
18	$\mathcal{O}(1; \{18^4, 6^2, 3^3, 2^6\})$	1679616
18	$\mathcal{O}(1; \{18^4, 6^2, 3^6, 2^2\})$	13436928
18	$\mathcal{O}(1; \{18^4, 6^3, 3, 2^7\})$	839808
18	$\mathcal{O}(1; \{18^4, 6^3, 3^4, 2^3\})$	6718464
18	$\mathcal{O}(1; \{18^4, 6^4, 3^2, 2^4\})$	3359232
18	$\mathcal{O}(1; \{18^4, 6^4, 3^5\})$	26873856
18	$\mathcal{O}(1; \{18^4, 6^5, 2^5\})$	1679616
18	$\mathcal{O}(1; \{18^4, 6^5, 3^3, 2\})$	13436928
18	$\mathcal{O}(1; \{18^4, 6^6, 3, 2^2\})$	6718464
18	$\mathcal{O}(1; \{18^4, 6^8\})$	13436928
18	$\mathcal{O}(1; \{18^4, 9^3, 2^8\})$	9920232
18	$\mathcal{O}(1; \{18^4, 9^3, 3^3, 2^4\})$	79361856
18	$\mathcal{O}(1; \{18^4, 9^3, 3^6\})$	634894848
18	$\mathcal{O}(1; \{18^4, 9^3, 6, 3, 2^5\})$	39680928
18	$\mathcal{O}(1; \{18^4, 9^3, 6, 3^4, 2\})$	317447424

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18^4, 9^3, 6^2, 3^2, 2^2\})$	158723712
18	$\mathcal{O}(1; \{18^4, 9^3, 6^3, 2^3\})$	79361856
18	$\mathcal{O}(1; \{18^4, 9^3, 6^4, 3\})$	317447424
18	$\mathcal{O}(1; \{18^4, 9^6, 3^2\})$	8724135456
18	$\mathcal{O}(1; \{18^4, 9^6, 6, 2\})$	4362067728
18	$\mathcal{O}(1; \{18^5, 9, 3^2, 2^7\})$	6928416
18	$\mathcal{O}(1; \{18^5, 9, 3^5, 2^3\})$	55427328
18	$\mathcal{O}(1; \{18^5, 9, 6, 2^8\})$	3464208
18	$\mathcal{O}(1; \{18^5, 9, 6, 3^3, 2^4\})$	27713664
18	$\mathcal{O}(1; \{18^5, 9, 6, 3^6\})$	221709312
18	$\mathcal{O}(1; \{18^5, 9, 6^2, 3, 2^5\})$	13856832
18	$\mathcal{O}(1; \{18^5, 9, 6^2, 3^4, 2\})$	110854656
18	$\mathcal{O}(1; \{18^5, 9, 6^3, 3^2, 2^2\})$	55427328
18	$\mathcal{O}(1; \{18^5, 9, 6^4, 2^3\})$	27713664
18	$\mathcal{O}(1; \{18^5, 9, 6^5, 3\})$	110854656
18	$\mathcal{O}(1; \{18^5, 9^4, 3, 2^3\})$	722759760
18	$\mathcal{O}(1; \{18^5, 9^4, 6, 3^2\})$	2891039040
18	$\mathcal{O}(1; \{18^5, 9^4, 6^2, 2\})$	1445519520
18	$\mathcal{O}(1; \{18^6, 9^2, 2^6\})$	60938568
18	$\mathcal{O}(1; \{18^6, 9^2, 3^3, 2^2\})$	487508544
18	$\mathcal{O}(1; \{18^6, 9^2, 6, 3, 2^3\})$	243754272
18	$\mathcal{O}(1; \{18^6, 9^2, 6^2, 3^2\})$	975017088
18	$\mathcal{O}(1; \{18^6, 9^2, 6^3, 2\})$	487508544
18	$\mathcal{O}(1; \{18^7, 3^2, 2^5\})$	39680928
18	$\mathcal{O}(1; \{18^7, 3^5, 2\})$	317447424
18	$\mathcal{O}(1; \{18^7, 6, 2^6\})$	19840464
18	$\mathcal{O}(1; \{18^7, 6, 3^3, 2^2\})$	158723712
18	$\mathcal{O}(1; \{18^7, 6^2, 3, 2^3\})$	79361856
18	$\mathcal{O}(1; \{18^7, 6^3, 3^2\})$	317447424
18	$\mathcal{O}(1; \{18^7, 6^4, 2\})$	158723712
18	$\mathcal{O}(1; \{18^7, 9^3, 3, 2\})$	4362067728
18	$\mathcal{O}(1; \{18^8, 9, 2^4\})$	361379880
18	$\mathcal{O}(1; \{18^8, 9, 3^3\})$	2891039040
18	$\mathcal{O}(1; \{18^8, 9, 6, 3, 2\})$	1445519520
18	$\mathcal{O}(1; \{18^{10}, 2^2\})$	2181033864
18	$\mathcal{O}(0; \{9^2, 3, 2^{20}\})$	12
18	$\mathcal{O}(0; \{9^2, 3^4, 2^{16}\})$	96
18	$\mathcal{O}(0; \{9^2, 3^7, 2^{12}\})$	768
18	$\mathcal{O}(0; \{9^2, 3^{10}, 2^8\})$	6144
18	$\mathcal{O}(0; \{9^2, 3^{13}, 2^4\})$	49152
18	$\mathcal{O}(0; \{9^2, 6, 3^2, 2^{17}\})$	48
18	$\mathcal{O}(0; \{9^2, 6, 3^5, 2^{13}\})$	384
18	$\mathcal{O}(0; \{9^2, 6, 3^8, 2^9\})$	3072

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{9^2, 6, 3^{11}, 2^5\})$	24576
18	$\mathcal{O}(0; \{9^2, 6, 3^{14}, 2\})$	196608
18	$\mathcal{O}(0; \{9^2, 6^2, 2^{18}\})$	24
18	$\mathcal{O}(0; \{9^2, 6^2, 3^3, 2^{14}\})$	192
18	$\mathcal{O}(0; \{9^2, 6^2, 3^6, 2^{10}\})$	1536
18	$\mathcal{O}(0; \{9^2, 6^2, 3^9, 2^6\})$	12288
18	$\mathcal{O}(0; \{9^2, 6^2, 3^{12}, 2^2\})$	98304
18	$\mathcal{O}(0; \{9^2, 6^3, 3, 2^{15}\})$	96
18	$\mathcal{O}(0; \{9^2, 6^3, 3^4, 2^{11}\})$	768
18	$\mathcal{O}(0; \{9^2, 6^3, 3^7, 2^7\})$	6144
18	$\mathcal{O}(0; \{9^2, 6^3, 3^{10}, 2^3\})$	49152
18	$\mathcal{O}(0; \{9^2, 6^4, 3^2, 2^{12}\})$	384
18	$\mathcal{O}(0; \{9^2, 6^4, 3^5, 2^8\})$	3072
18	$\mathcal{O}(0; \{9^2, 6^4, 3^8, 2^4\})$	24576
18	$\mathcal{O}(0; \{9^2, 6^4, 3^{11}\})$	196608
18	$\mathcal{O}(0; \{9^2, 6^5, 2^{13}\})$	192
18	$\mathcal{O}(0; \{9^2, 6^5, 3^3, 2^9\})$	1536
18	$\mathcal{O}(0; \{9^2, 6^5, 3^6, 2^5\})$	12288
18	$\mathcal{O}(0; \{9^2, 6^5, 3^9, 2\})$	98304
18	$\mathcal{O}(0; \{9^2, 6^6, 3, 2^{10}\})$	768
18	$\mathcal{O}(0; \{9^2, 6^6, 3^4, 2^6\})$	6144
18	$\mathcal{O}(0; \{9^2, 6^6, 3^7, 2^2\})$	49152
18	$\mathcal{O}(0; \{9^2, 6^7, 3^2, 2^7\})$	3072
18	$\mathcal{O}(0; \{9^2, 6^7, 3^5, 2^3\})$	24576
18	$\mathcal{O}(0; \{9^2, 6^8, 2^8\})$	1536
18	$\mathcal{O}(0; \{9^2, 6^8, 3^3, 2^4\})$	12288
18	$\mathcal{O}(0; \{9^2, 6^8, 3^6\})$	98304
18	$\mathcal{O}(0; \{9^2, 6^9, 3, 2^5\})$	6144
18	$\mathcal{O}(0; \{9^2, 6^9, 3^4, 2\})$	49152
18	$\mathcal{O}(0; \{9^2, 6^{10}, 3^2, 2^2\})$	24576
18	$\mathcal{O}(0; \{9^2, 6^{11}, 2^3\})$	12288
18	$\mathcal{O}(0; \{9^2, 6^{12}, 3\})$	49152
18	$\mathcal{O}(0; \{9^5, 2^{16}\})$	810
18	$\mathcal{O}(0; \{9^5, 3^3, 2^{12}\})$	6480
18	$\mathcal{O}(0; \{9^5, 3^6, 2^8\})$	51840
18	$\mathcal{O}(0; \{9^5, 3^9, 2^4\})$	414720
18	$\mathcal{O}(0; \{9^5, 6, 3, 2^{13}\})$	3240
18	$\mathcal{O}(0; \{9^5, 6, 3^4, 2^9\})$	25920
18	$\mathcal{O}(0; \{9^5, 6, 3^7, 2^5\})$	207360
18	$\mathcal{O}(0; \{9^5, 6, 3^{10}, 2\})$	1658880
18	$\mathcal{O}(0; \{9^5, 6^2, 3^2, 2^{10}\})$	12960
18	$\mathcal{O}(0; \{9^5, 6^2, 3^5, 2^6\})$	103680
18	$\mathcal{O}(0; \{9^5, 6^2, 3^8, 2^2\})$	829440

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{9^5, 6^3, 2^{11}\})$	6480
18	$\mathcal{O}(0; \{9^5, 6^3, 3^3, 2^7\})$	51840
18	$\mathcal{O}(0; \{9^5, 6^3, 3^6, 2^3\})$	414720
18	$\mathcal{O}(0; \{9^5, 6^4, 3, 2^8\})$	25920
18	$\mathcal{O}(0; \{9^5, 6^4, 3^4, 2^4\})$	207360
18	$\mathcal{O}(0; \{9^5, 6^4, 3^7\})$	1658880
18	$\mathcal{O}(0; \{9^5, 6^5, 3^2, 2^5\})$	103680
18	$\mathcal{O}(0; \{9^5, 6^5, 3^5, 2\})$	829440
18	$\mathcal{O}(0; \{9^5, 6^6, 2^6\})$	51840
18	$\mathcal{O}(0; \{9^5, 6^6, 3^3, 2^2\})$	414720
18	$\mathcal{O}(0; \{9^5, 6^7, 3, 2^3\})$	207360
18	$\mathcal{O}(0; \{9^5, 6^8, 3^2\})$	829440
18	$\mathcal{O}(0; \{9^5, 6^9, 2\})$	414720
18	$\mathcal{O}(0; \{9^8, 3^2, 2^8\})$	752328
18	$\mathcal{O}(0; \{9^8, 3^5, 2^4\})$	6018624
18	$\mathcal{O}(0; \{9^8, 6, 2^9\})$	376164
18	$\mathcal{O}(0; \{9^8, 6, 3^3, 2^5\})$	3009312
18	$\mathcal{O}(0; \{9^8, 6, 3^6, 2\})$	24074496
18	$\mathcal{O}(0; \{9^8, 6^2, 3, 2^6\})$	1504656
18	$\mathcal{O}(0; \{9^8, 6^2, 3^4, 2^2\})$	12037248
18	$\mathcal{O}(0; \{9^8, 6^3, 3^2, 2^3\})$	6018624
18	$\mathcal{O}(0; \{9^8, 6^4, 2^4\})$	3009312
18	$\mathcal{O}(0; \{9^8, 6^4, 3^3\})$	24074496
18	$\mathcal{O}(0; \{9^8, 6^5, 3, 2\})$	12037248
18	$\mathcal{O}(0; \{9^{11}, 3, 2^4\})$	80542836
18	$\mathcal{O}(0; \{9^{11}, 6, 3^2, 2\})$	322171344
18	$\mathcal{O}(0; \{9^{11}, 6^2, 2^2\})$	161085672
18	$\mathcal{O}(0; \{18, 9^3, 3^2, 2^{15}\})$	648
18	$\mathcal{O}(0; \{18, 9^3, 3^5, 2^{11}\})$	5184
18	$\mathcal{O}(0; \{18, 9^3, 3^8, 2^7\})$	41472
18	$\mathcal{O}(0; \{18, 9^3, 3^{11}, 2^3\})$	331776
18	$\mathcal{O}(0; \{18, 9^3, 6, 2^{16}\})$	324
18	$\mathcal{O}(0; \{18, 9^3, 6, 3^3, 2^{12}\})$	2592
18	$\mathcal{O}(0; \{18, 9^3, 6, 3^6, 2^8\})$	20736
18	$\mathcal{O}(0; \{18, 9^3, 6, 3^9, 2^4\})$	165888
18	$\mathcal{O}(0; \{18, 9^3, 6, 3^{12}\})$	1327104
18	$\mathcal{O}(0; \{18, 9^3, 6^2, 3, 2^{13}\})$	1296
18	$\mathcal{O}(0; \{18, 9^3, 6^2, 3^4, 2^9\})$	10368
18	$\mathcal{O}(0; \{18, 9^3, 6^2, 3^7, 2^5\})$	82944
18	$\mathcal{O}(0; \{18, 9^3, 6^2, 3^{10}, 2\})$	663552
18	$\mathcal{O}(0; \{18, 9^3, 6^3, 3^2, 2^{10}\})$	5184
18	$\mathcal{O}(0; \{18, 9^3, 6^3, 3^5, 2^6\})$	41472
18	$\mathcal{O}(0; \{18, 9^3, 6^3, 3^8, 2^2\})$	331776

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18, 9^3, 6^4, 2^{11}\})$	2592
18	$\mathcal{O}(0; \{18, 9^3, 6^4, 3^3, 2^7\})$	20736
18	$\mathcal{O}(0; \{18, 9^3, 6^4, 3^6, 2^3\})$	165888
18	$\mathcal{O}(0; \{18, 9^3, 6^5, 3, 2^8\})$	10368
18	$\mathcal{O}(0; \{18, 9^3, 6^5, 3^4, 2^4\})$	82944
18	$\mathcal{O}(0; \{18, 9^3, 6^5, 3^7\})$	663552
18	$\mathcal{O}(0; \{18, 9^3, 6^6, 3^2, 2^5\})$	41472
18	$\mathcal{O}(0; \{18, 9^3, 6^6, 3^5, 2\})$	331776
18	$\mathcal{O}(0; \{18, 9^3, 6^7, 2^6\})$	20736
18	$\mathcal{O}(0; \{18, 9^3, 6^7, 3^3, 2^2\})$	165888
18	$\mathcal{O}(0; \{18, 9^3, 6^8, 3, 2^3\})$	82944
18	$\mathcal{O}(0; \{18, 9^3, 6^9, 3^2\})$	331776
18	$\mathcal{O}(0; \{18, 9^3, 6^{10}, 2\})$	165888
18	$\mathcal{O}(0; \{18, 9^6, 3, 2^{11}\})$	61236
18	$\mathcal{O}(0; \{18, 9^6, 3^4, 2^7\})$	489888
18	$\mathcal{O}(0; \{18, 9^6, 3^7, 2^3\})$	3919104
18	$\mathcal{O}(0; \{18, 9^6, 6, 3^2, 2^8\})$	244944
18	$\mathcal{O}(0; \{18, 9^6, 6, 3^5, 2^4\})$	1959552
18	$\mathcal{O}(0; \{18, 9^6, 6, 3^8\})$	15676416
18	$\mathcal{O}(0; \{18, 9^6, 6^2, 2^9\})$	122472
18	$\mathcal{O}(0; \{18, 9^6, 6^2, 3^3, 2^5\})$	979776
18	$\mathcal{O}(0; \{18, 9^6, 6^2, 3^6, 2\})$	7838208
18	$\mathcal{O}(0; \{18, 9^6, 6^3, 3, 2^6\})$	489888
18	$\mathcal{O}(0; \{18, 9^6, 6^3, 3^4, 2^2\})$	3919104
18	$\mathcal{O}(0; \{18, 9^6, 6^4, 3^2, 2^3\})$	1959552
18	$\mathcal{O}(0; \{18, 9^6, 6^5, 2^4\})$	979776
18	$\mathcal{O}(0; \{18, 9^6, 6^5, 3^3\})$	7838208
18	$\mathcal{O}(0; \{18, 9^6, 6^6, 3, 2\})$	3919104
18	$\mathcal{O}(0; \{18, 9^9, 2^7\})$	6731586
18	$\mathcal{O}(0; \{18, 9^9, 3^3, 2^3\})$	53852688
18	$\mathcal{O}(0; \{18, 9^9, 6, 3, 2^4\})$	26926344
18	$\mathcal{O}(0; \{18, 9^9, 6, 3^4\})$	215410752
18	$\mathcal{O}(0; \{18, 9^9, 6^2, 3^2, 2\})$	107705376
18	$\mathcal{O}(0; \{18, 9^9, 6^3, 2^2\})$	53852688
18	$\mathcal{O}(0; \{18, 9^{12}, 6\})$	2901667860
18	$\mathcal{O}(0; \{18^2, 9, 3, 2^{18}\})$	36
18	$\mathcal{O}(0; \{18^2, 9, 3^4, 2^{14}\})$	288
18	$\mathcal{O}(0; \{18^2, 9, 3^7, 2^{10}\})$	2304
18	$\mathcal{O}(0; \{18^2, 9, 3^{10}, 2^6\})$	18432
18	$\mathcal{O}(0; \{18^2, 9, 3^{13}, 2^2\})$	147456
18	$\mathcal{O}(0; \{18^2, 9, 6, 3^2, 2^{15}\})$	144
18	$\mathcal{O}(0; \{18^2, 9, 6, 3^5, 2^{11}\})$	1152
18	$\mathcal{O}(0; \{18^2, 9, 6, 3^8, 2^7\})$	9216

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^2, 9, 6, 3^{11}, 2^3\})$	73728
18	$\mathcal{O}(0; \{18^2, 9, 6^2, 2^{16}\})$	72
18	$\mathcal{O}(0; \{18^2, 9, 6^2, 3^3, 2^{12}\})$	576
18	$\mathcal{O}(0; \{18^2, 9, 6^2, 3^6, 2^8\})$	4608
18	$\mathcal{O}(0; \{18^2, 9, 6^2, 3^9, 2^4\})$	36864
18	$\mathcal{O}(0; \{18^2, 9, 6^2, 3^{12}\})$	294912
18	$\mathcal{O}(0; \{18^2, 9, 6^3, 3, 2^{13}\})$	288
18	$\mathcal{O}(0; \{18^2, 9, 6^3, 3^4, 2^9\})$	2304
18	$\mathcal{O}(0; \{18^2, 9, 6^3, 3^7, 2^5\})$	18432
18	$\mathcal{O}(0; \{18^2, 9, 6^3, 3^{10}, 2\})$	147456
18	$\mathcal{O}(0; \{18^2, 9, 6^4, 3^2, 2^{10}\})$	1152
18	$\mathcal{O}(0; \{18^2, 9, 6^4, 3^5, 2^6\})$	9216
18	$\mathcal{O}(0; \{18^2, 9, 6^4, 3^8, 2^2\})$	73728
18	$\mathcal{O}(0; \{18^2, 9, 6^5, 2^{11}\})$	576
18	$\mathcal{O}(0; \{18^2, 9, 6^5, 3^3, 2^7\})$	4608
18	$\mathcal{O}(0; \{18^2, 9, 6^5, 3^6, 2^3\})$	36864
18	$\mathcal{O}(0; \{18^2, 9, 6^6, 3, 2^8\})$	2304
18	$\mathcal{O}(0; \{18^2, 9, 6^6, 3^4, 2^4\})$	18432
18	$\mathcal{O}(0; \{18^2, 9, 6^6, 3^7\})$	147456
18	$\mathcal{O}(0; \{18^2, 9, 6^7, 3^2, 2^5\})$	9216
18	$\mathcal{O}(0; \{18^2, 9, 6^7, 3^5, 2\})$	73728
18	$\mathcal{O}(0; \{18^2, 9, 6^8, 2^6\})$	4608
18	$\mathcal{O}(0; \{18^2, 9, 6^8, 3^3, 2^2\})$	36864
18	$\mathcal{O}(0; \{18^2, 9, 6^9, 3, 2^3\})$	18432
18	$\mathcal{O}(0; \{18^2, 9, 6^{10}, 3^2\})$	73728
18	$\mathcal{O}(0; \{18^2, 9, 6^{11}, 2\})$	36864
18	$\mathcal{O}(0; \{18^2, 9^4, 2^{14}\})$	5346
18	$\mathcal{O}(0; \{18^2, 9^4, 3^3, 2^{10}\})$	42768
18	$\mathcal{O}(0; \{18^2, 9^4, 3^6, 2^6\})$	342144
18	$\mathcal{O}(0; \{18^2, 9^4, 3^9, 2^2\})$	2737152
18	$\mathcal{O}(0; \{18^2, 9^4, 6, 3, 2^{11}\})$	21384
18	$\mathcal{O}(0; \{18^2, 9^4, 6, 3^4, 2^7\})$	171072
18	$\mathcal{O}(0; \{18^2, 9^4, 6, 3^7, 2^3\})$	1368576
18	$\mathcal{O}(0; \{18^2, 9^4, 6^2, 3^2, 2^8\})$	85536
18	$\mathcal{O}(0; \{18^2, 9^4, 6^2, 3^5, 2^4\})$	684288
18	$\mathcal{O}(0; \{18^2, 9^4, 6^2, 3^8\})$	5474304
18	$\mathcal{O}(0; \{18^2, 9^4, 6^3, 2^9\})$	42768
18	$\mathcal{O}(0; \{18^2, 9^4, 6^3, 3^3, 2^5\})$	342144
18	$\mathcal{O}(0; \{18^2, 9^4, 6^3, 3^6, 2\})$	2737152
18	$\mathcal{O}(0; \{18^2, 9^4, 6^4, 3, 2^6\})$	171072
18	$\mathcal{O}(0; \{18^2, 9^4, 6^4, 3^4, 2^2\})$	1368576
18	$\mathcal{O}(0; \{18^2, 9^4, 6^5, 3^2, 2^3\})$	684288
18	$\mathcal{O}(0; \{18^2, 9^4, 6^6, 2^4\})$	342144

Continued on next page

Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^2, 9^4, 6^6, 3^3\})$	2737152
18	$\mathcal{O}(0; \{18^2, 9^4, 6^7, 3, 2\})$	1368576
18	$\mathcal{O}(0; \{18^2, 9^7, 3^2, 2^6\})$	4461480
18	$\mathcal{O}(0; \{18^2, 9^7, 3^5, 2^2\})$	35691840
18	$\mathcal{O}(0; \{18^2, 9^7, 6, 2^7\})$	2230740
18	$\mathcal{O}(0; \{18^2, 9^7, 6, 3^3, 2^3\})$	17845920
18	$\mathcal{O}(0; \{18^2, 9^7, 6^2, 3, 2^4\})$	8922960
18	$\mathcal{O}(0; \{18^2, 9^7, 6^2, 3^4\})$	71383680
18	$\mathcal{O}(0; \{18^2, 9^7, 6^3, 3^2, 2\})$	35691840
18	$\mathcal{O}(0; \{18^2, 9^7, 6^4, 2^2\})$	17845920
18	$\mathcal{O}(0; \{18^2, 9^{10}, 3, 2^2\})$	483965604
18	$\mathcal{O}(0; \{18^2, 9^{10}, 6^2\})$	967931208
18	$\mathcal{O}(0; \{18^3, 9^2, 3^2, 2^{13}\})$	3240
18	$\mathcal{O}(0; \{18^3, 9^2, 3^5, 2^9\})$	25920
18	$\mathcal{O}(0; \{18^3, 9^2, 3^8, 2^5\})$	207360
18	$\mathcal{O}(0; \{18^3, 9^2, 3^{11}, 2\})$	1658880
18	$\mathcal{O}(0; \{18^3, 9^2, 6, 2^{14}\})$	1620
18	$\mathcal{O}(0; \{18^3, 9^2, 6, 3^3, 2^{10}\})$	12960
18	$\mathcal{O}(0; \{18^3, 9^2, 6, 3^6, 2^6\})$	103680
18	$\mathcal{O}(0; \{18^3, 9^2, 6, 3^9, 2^2\})$	829440
18	$\mathcal{O}(0; \{18^3, 9^2, 6^2, 3, 2^{11}\})$	6480
18	$\mathcal{O}(0; \{18^3, 9^2, 6^2, 3^4, 2^7\})$	51840
18	$\mathcal{O}(0; \{18^3, 9^2, 6^2, 3^7, 2^3\})$	414720
18	$\mathcal{O}(0; \{18^3, 9^2, 6^3, 3^2, 2^8\})$	25920
18	$\mathcal{O}(0; \{18^3, 9^2, 6^3, 3^5, 2^4\})$	207360
18	$\mathcal{O}(0; \{18^3, 9^2, 6^3, 3^8\})$	1658880
18	$\mathcal{O}(0; \{18^3, 9^2, 6^4, 2^9\})$	12960
18	$\mathcal{O}(0; \{18^3, 9^2, 6^4, 3^3, 2^5\})$	103680
18	$\mathcal{O}(0; \{18^3, 9^2, 6^4, 3^6, 2\})$	829440
18	$\mathcal{O}(0; \{18^3, 9^2, 6^5, 3, 2^6\})$	51840
18	$\mathcal{O}(0; \{18^3, 9^2, 6^5, 3^4, 2^2\})$	414720
18	$\mathcal{O}(0; \{18^3, 9^2, 6^6, 3^2, 2^3\})$	207360
18	$\mathcal{O}(0; \{18^3, 9^2, 6^7, 2^4\})$	103680
18	$\mathcal{O}(0; \{18^3, 9^2, 6^7, 3^3\})$	829440
18	$\mathcal{O}(0; \{18^3, 9^2, 6^8, 3, 2\})$	414720
18	$\mathcal{O}(0; \{18^3, 9^5, 3, 2^9\})$	376164
18	$\mathcal{O}(0; \{18^3, 9^5, 3^4, 2^5\})$	3009312
18	$\mathcal{O}(0; \{18^3, 9^5, 3^7, 2\})$	24074496
18	$\mathcal{O}(0; \{18^3, 9^5, 6, 3^2, 2^6\})$	1504656
18	$\mathcal{O}(0; \{18^3, 9^5, 6, 3^5, 2^2\})$	12037248
18	$\mathcal{O}(0; \{18^3, 9^5, 6^2, 2^7\})$	752328
18	$\mathcal{O}(0; \{18^3, 9^5, 6^2, 3^3, 2^3\})$	6018624
18	$\mathcal{O}(0; \{18^3, 9^5, 6^3, 3, 2^4\})$	3009312

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^3, 9^5, 6^3, 3^4\})$	24074496
18	$\mathcal{O}(0; \{18^3, 9^5, 6^4, 3^2, 2\})$	12037248
18	$\mathcal{O}(0; \{18^3, 9^5, 6^5, 2^2\})$	6018624
18	$\mathcal{O}(0; \{18^3, 9^8, 2^5\})$	40271418
18	$\mathcal{O}(0; \{18^3, 9^8, 3^3, 2\})$	322171344
18	$\mathcal{O}(0; \{18^3, 9^8, 6, 3, 2^2\})$	161085672
18	$\mathcal{O}(0; \{18^3, 9^8, 6^3\})$	322171344
18	$\mathcal{O}(0; \{18^4, 3, 2^{16}\})$	324
18	$\mathcal{O}(0; \{18^4, 3^4, 2^{12}\})$	2592
18	$\mathcal{O}(0; \{18^4, 3^7, 2^8\})$	20736
18	$\mathcal{O}(0; \{18^4, 3^{10}, 2^4\})$	165888
18	$\mathcal{O}(0; \{18^4, 3^{13}\})$	1327104
18	$\mathcal{O}(0; \{18^4, 6, 3^2, 2^{13}\})$	1296
18	$\mathcal{O}(0; \{18^4, 6, 3^5, 2^9\})$	10368
18	$\mathcal{O}(0; \{18^4, 6, 3^8, 2^5\})$	82944
18	$\mathcal{O}(0; \{18^4, 6, 3^{11}, 2\})$	663552
18	$\mathcal{O}(0; \{18^4, 6^2, 2^{14}\})$	648
18	$\mathcal{O}(0; \{18^4, 6^2, 3^3, 2^{10}\})$	5184
18	$\mathcal{O}(0; \{18^4, 6^2, 3^6, 2^6\})$	41472
18	$\mathcal{O}(0; \{18^4, 6^2, 3^9, 2^2\})$	331776
18	$\mathcal{O}(0; \{18^4, 6^3, 3, 2^{11}\})$	2592
18	$\mathcal{O}(0; \{18^4, 6^3, 3^4, 2^7\})$	20736
18	$\mathcal{O}(0; \{18^4, 6^3, 3^7, 2^3\})$	165888
18	$\mathcal{O}(0; \{18^4, 6^4, 3^2, 2^8\})$	10368
18	$\mathcal{O}(0; \{18^4, 6^4, 3^5, 2^4\})$	82944
18	$\mathcal{O}(0; \{18^4, 6^4, 3^8\})$	663552
18	$\mathcal{O}(0; \{18^4, 6^5, 2^9\})$	5184
18	$\mathcal{O}(0; \{18^4, 6^5, 3^3, 2^5\})$	41472
18	$\mathcal{O}(0; \{18^4, 6^5, 3^6, 2\})$	331776
18	$\mathcal{O}(0; \{18^4, 6^6, 3, 2^6\})$	20736
18	$\mathcal{O}(0; \{18^4, 6^6, 3^4, 2^2\})$	165888
18	$\mathcal{O}(0; \{18^4, 6^7, 3^2, 2^3\})$	82944
18	$\mathcal{O}(0; \{18^4, 6^8, 2^4\})$	41472
18	$\mathcal{O}(0; \{18^4, 6^8, 3^3\})$	331776
18	$\mathcal{O}(0; \{18^4, 6^9, 3, 2\})$	165888
18	$\mathcal{O}(0; \{18^4, 9^3, 2^{12}\})$	30618
18	$\mathcal{O}(0; \{18^4, 9^3, 3^3, 2^8\})$	244944
18	$\mathcal{O}(0; \{18^4, 9^3, 3^6, 2^4\})$	1959552
18	$\mathcal{O}(0; \{18^4, 9^3, 3^9\})$	15676416
18	$\mathcal{O}(0; \{18^4, 9^3, 6, 3, 2^9\})$	122472
18	$\mathcal{O}(0; \{18^4, 9^3, 6, 3^4, 2^5\})$	979776
18	$\mathcal{O}(0; \{18^4, 9^3, 6, 3^7, 2\})$	7838208
18	$\mathcal{O}(0; \{18^4, 9^3, 6^2, 3^2, 2^6\})$	489888

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^4, 9^3, 6^2, 3^5, 2^2\})$	3919104
18	$\mathcal{O}(0; \{18^4, 9^3, 6^3, 2^7\})$	244944
18	$\mathcal{O}(0; \{18^4, 9^3, 6^3, 3^3, 2^3\})$	1959552
18	$\mathcal{O}(0; \{18^4, 9^3, 6^4, 3, 2^4\})$	979776
18	$\mathcal{O}(0; \{18^4, 9^3, 6^4, 3^4\})$	7838208
18	$\mathcal{O}(0; \{18^4, 9^3, 6^5, 3^2, 2\})$	3919104
18	$\mathcal{O}(0; \{18^4, 9^3, 6^6, 2^2\})$	1959552
18	$\mathcal{O}(0; \{18^4, 9^6, 3^2, 2^4\})$	26926344
18	$\mathcal{O}(0; \{18^4, 9^6, 3^5\})$	215410752
18	$\mathcal{O}(0; \{18^4, 9^6, 6, 2^5\})$	13463172
18	$\mathcal{O}(0; \{18^4, 9^6, 6, 3^3, 2\})$	107705376
18	$\mathcal{O}(0; \{18^4, 9^6, 6^2, 3, 2^2\})$	53852688
18	$\mathcal{O}(0; \{18^4, 9^6, 6^4\})$	107705376
18	$\mathcal{O}(0; \{18^4, 9^9, 3\})$	2901667860
18	$\mathcal{O}(0; \{18^5, 9, 3^2, 2^{11}\})$	21384
18	$\mathcal{O}(0; \{18^5, 9, 3^5, 2^7\})$	171072
18	$\mathcal{O}(0; \{18^5, 9, 3^8, 2^3\})$	1368576
18	$\mathcal{O}(0; \{18^5, 9, 6, 2^{12}\})$	10692
18	$\mathcal{O}(0; \{18^5, 9, 6, 3^3, 2^8\})$	85536
18	$\mathcal{O}(0; \{18^5, 9, 6, 3^6, 2^4\})$	684288
18	$\mathcal{O}(0; \{18^5, 9, 6, 3^9\})$	5474304
18	$\mathcal{O}(0; \{18^5, 9, 6^2, 3, 2^9\})$	42768
18	$\mathcal{O}(0; \{18^5, 9, 6^2, 3^4, 2^5\})$	342144
18	$\mathcal{O}(0; \{18^5, 9, 6^2, 3^7, 2\})$	2737152
18	$\mathcal{O}(0; \{18^5, 9, 6^3, 3^2, 2^6\})$	171072
18	$\mathcal{O}(0; \{18^5, 9, 6^3, 3^5, 2^2\})$	1368576
18	$\mathcal{O}(0; \{18^5, 9, 6^4, 2^7\})$	85536
18	$\mathcal{O}(0; \{18^5, 9, 6^4, 3^3, 2^3\})$	684288
18	$\mathcal{O}(0; \{18^5, 9, 6^5, 3, 2^4\})$	342144
18	$\mathcal{O}(0; \{18^5, 9, 6^5, 3^4\})$	2737152
18	$\mathcal{O}(0; \{18^5, 9, 6^6, 3^2, 2\})$	1368576
18	$\mathcal{O}(0; \{18^5, 9, 6^7, 2^2\})$	684288
18	$\mathcal{O}(0; \{18^5, 9^4, 3, 2^7\})$	2230740
18	$\mathcal{O}(0; \{18^5, 9^4, 3^4, 2^3\})$	17845920
18	$\mathcal{O}(0; \{18^5, 9^4, 6, 3^2, 2^4\})$	8922960
18	$\mathcal{O}(0; \{18^5, 9^4, 6, 3^5\})$	71383680
18	$\mathcal{O}(0; \{18^5, 9^4, 6^2, 2^5\})$	4461480
18	$\mathcal{O}(0; \{18^5, 9^4, 6^2, 3^3, 2\})$	35691840
18	$\mathcal{O}(0; \{18^5, 9^4, 6^3, 3, 2^2\})$	17845920
18	$\mathcal{O}(0; \{18^5, 9^4, 6^5\})$	35691840
18	$\mathcal{O}(0; \{18^5, 9^7, 2^3\})$	241982802
18	$\mathcal{O}(0; \{18^5, 9^7, 6, 3\})$	967931208
18	$\mathcal{O}(0; \{18^6, 9^2, 2^{10}\})$	188082

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^6, 9^2, 3^3, 2^6\})$	1504656
18	$\mathcal{O}(0; \{18^6, 9^2, 3^6, 2^2\})$	12037248
18	$\mathcal{O}(0; \{18^6, 9^2, 6, 3, 2^7\})$	752328
18	$\mathcal{O}(0; \{18^6, 9^2, 6, 3^4, 2^3\})$	6018624
18	$\mathcal{O}(0; \{18^6, 9^2, 6^2, 3^2, 2^4\})$	3009312
18	$\mathcal{O}(0; \{18^6, 9^2, 6^2, 3^5\})$	24074496
18	$\mathcal{O}(0; \{18^6, 9^2, 6^3, 2^5\})$	1504656
18	$\mathcal{O}(0; \{18^6, 9^2, 6^3, 3^3, 2\})$	12037248
18	$\mathcal{O}(0; \{18^6, 9^2, 6^4, 3, 2^2\})$	6018624
18	$\mathcal{O}(0; \{18^6, 9^2, 6^6\})$	12037248
18	$\mathcal{O}(0; \{18^6, 9^5, 3^2, 2^2\})$	161085672
18	$\mathcal{O}(0; \{18^6, 9^5, 6, 2^3\})$	80542836
18	$\mathcal{O}(0; \{18^6, 9^5, 6^2, 3\})$	322171344
18	$\mathcal{O}(0; \{18^7, 3^2, 2^9\})$	122472
18	$\mathcal{O}(0; \{18^7, 3^5, 2^5\})$	979776
18	$\mathcal{O}(0; \{18^7, 3^8, 2\})$	7838208
18	$\mathcal{O}(0; \{18^7, 6, 2^{10}\})$	61236
18	$\mathcal{O}(0; \{18^7, 6, 3^3, 2^6\})$	489888
18	$\mathcal{O}(0; \{18^7, 6, 3^6, 2^2\})$	3919104
18	$\mathcal{O}(0; \{18^7, 6^2, 3, 2^7\})$	244944
18	$\mathcal{O}(0; \{18^7, 6^2, 3^4, 2^3\})$	1959552
18	$\mathcal{O}(0; \{18^7, 6^3, 3^2, 2^4\})$	979776
18	$\mathcal{O}(0; \{18^7, 6^3, 3^5\})$	7838208
18	$\mathcal{O}(0; \{18^7, 6^4, 2^5\})$	489888
18	$\mathcal{O}(0; \{18^7, 6^4, 3^3, 2\})$	3919104
18	$\mathcal{O}(0; \{18^7, 6^5, 3, 2^2\})$	1959552
18	$\mathcal{O}(0; \{18^7, 6^7\})$	3919104
18	$\mathcal{O}(0; \{18^7, 9^3, 3, 2^5\})$	13463172
18	$\mathcal{O}(0; \{18^7, 9^3, 3^4, 2\})$	107705376
18	$\mathcal{O}(0; \{18^7, 9^3, 6, 3^2, 2^2\})$	53852688
18	$\mathcal{O}(0; \{18^7, 9^3, 6^2, 2^3\})$	26926344
18	$\mathcal{O}(0; \{18^7, 9^3, 6^3, 3\})$	107705376
18	$\mathcal{O}(0; \{18^7, 9^6, 2\})$	1450833930
18	$\mathcal{O}(0; \{18^8, 9, 2^8\})$	1115370
18	$\mathcal{O}(0; \{18^8, 9, 3^3, 2^4\})$	8922960
18	$\mathcal{O}(0; \{18^8, 9, 3^6\})$	71383680
18	$\mathcal{O}(0; \{18^8, 9, 6, 3, 2^5\})$	4461480
18	$\mathcal{O}(0; \{18^8, 9, 6, 3^4, 2\})$	35691840
18	$\mathcal{O}(0; \{18^8, 9, 6^2, 3^2, 2^2\})$	17845920
18	$\mathcal{O}(0; \{18^8, 9, 6^3, 2^3\})$	8922960
18	$\mathcal{O}(0; \{18^8, 9, 6^4, 3\})$	35691840
18	$\mathcal{O}(0; \{18^8, 9^4, 3^2\})$	967931208
18	$\mathcal{O}(0; \{18^8, 9^4, 6, 2\})$	483965604

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^9, 9^2, 3, 2^3\})$	80542836
18	$\mathcal{O}(0; \{18^9, 9^2, 6, 3^2\})$	322171344
18	$\mathcal{O}(0; \{18^9, 9^2, 6^2, 2\})$	161085672
18	$\mathcal{O}(0; \{18^{10}, 2^6\})$	6731586
18	$\mathcal{O}(0; \{18^{10}, 3^3, 2^2\})$	53852688
18	$\mathcal{O}(0; \{18^{10}, 6, 3, 2^3\})$	26926344
18	$\mathcal{O}(0; \{18^{10}, 6^2, 3^2\})$	107705376
18	$\mathcal{O}(0; \{18^{10}, 6^3, 2\})$	53852688
18	$\mathcal{O}(0; \{18^{11}, 9, 3, 2\})$	483965604
19	$\mathcal{O}(5; \{19^2\})$	110359192640418
20	$\mathcal{O}(4; \{5^3, 2^2\})$	306000000000
20	$\mathcal{O}(4; \{10^2, 5^2\})$	1326000000000
20	$\mathcal{O}(4; \{20, 10, 5, 4\})$	614400000000
20	$\mathcal{O}(4; \{20^2, 2^3\})$	204800000000
20	$\mathcal{O}(4; \{20^2, 4^2\})$	819200000000
20	$\mathcal{O}(3; \{5^3, 2^6\})$	756000000
20	$\mathcal{O}(3; \{5^3, 4^2, 2^3\})$	1536000000
20	$\mathcal{O}(3; \{5^3, 4^4\})$	6144000000
20	$\mathcal{O}(3; \{10, 5^5, 2\})$	51660000000
20	$\mathcal{O}(3; \{10^2, 5^2, 2^4\})$	3276000000
20	$\mathcal{O}(3; \{10^2, 5^2, 4^2, 2\})$	6656000000
20	$\mathcal{O}(3; \{10^4, 5, 2^2\})$	12852000000
20	$\mathcal{O}(3; \{10^6\})$	51660000000
20	$\mathcal{O}(3; \{20, 5^4, 4, 2\})$	26112000000
20	$\mathcal{O}(3; \{20, 10, 5, 4, 2^4\})$	1536000000
20	$\mathcal{O}(3; \{20, 10, 5, 4^3, 2\})$	6144000000
20	$\mathcal{O}(3; \{20, 10^3, 4, 2^2\})$	6656000000
20	$\mathcal{O}(3; \{20^2, 2^7\})$	512000000
20	$\mathcal{O}(3; \{20^2, 4^2, 2^4\})$	2048000000
20	$\mathcal{O}(3; \{20^2, 4^4, 2\})$	8192000000
20	$\mathcal{O}(3; \{20^2, 10, 5^2, 2^2\})$	26112000000
20	$\mathcal{O}(3; \{20^2, 10^3, 5\})$	104960000000
20	$\mathcal{O}(3; \{20^3, 5, 4, 2^2\})$	26624000000
20	$\mathcal{O}(3; \{20^3, 10^2, 4\})$	104448000000
20	$\mathcal{O}(3; \{20^4, 5^2\})$	419840000000
20	$\mathcal{O}(2; \{5^3, 2^{10}\})$	1800000
20	$\mathcal{O}(2; \{5^3, 4^2, 2^7\})$	3840000
20	$\mathcal{O}(2; \{5^3, 4^4, 2^4\})$	15360000
20	$\mathcal{O}(2; \{5^3, 4^6, 2\})$	61440000
20	$\mathcal{O}(2; \{5^8, 2^2\})$	1966200000
20	$\mathcal{O}(2; \{10, 5^5, 2^5\})$	123000000
20	$\mathcal{O}(2; \{10, 5^5, 4^2, 2^2\})$	262400000
20	$\mathcal{O}(2; \{10^2, 5^2, 2^8\})$	7800000

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(2; \{10^2, 5^2, 4^2, 2^5\})$	16640000
20	$\mathcal{O}(2; \{10^2, 5^2, 4^4, 2^2\})$	66560000
20	$\mathcal{O}(2; \{10^2, 5^7\})$	7864200000
20	$\mathcal{O}(2; \{10^3, 5^4, 2^3\})$	491400000
20	$\mathcal{O}(2; \{10^3, 5^4, 4^2\})$	1048320000
20	$\mathcal{O}(2; \{10^4, 5, 2^6\})$	30600000
20	$\mathcal{O}(2; \{10^4, 5, 4^2, 2^3\})$	65280000
20	$\mathcal{O}(2; \{10^4, 5, 4^4\})$	261120000
20	$\mathcal{O}(2; \{10^5, 5^3, 2\})$	1966200000
20	$\mathcal{O}(2; \{10^6, 2^4\})$	123000000
20	$\mathcal{O}(2; \{10^6, 4^2, 2\})$	262400000
20	$\mathcal{O}(2; \{20, 5^4, 4, 2^5\})$	65280000
20	$\mathcal{O}(2; \{20, 5^4, 4^3, 2^2\})$	261120000
20	$\mathcal{O}(2; \{20, 10, 5, 4, 2^8\})$	3840000
20	$\mathcal{O}(2; \{20, 10, 5, 4^3, 2^5\})$	15360000
20	$\mathcal{O}(2; \{20, 10, 5, 4^5, 2^2\})$	61440000
20	$\mathcal{O}(2; \{20, 10, 5^6, 4\})$	4194560000
20	$\mathcal{O}(2; \{20, 10^2, 5^3, 4, 2^3\})$	262400000
20	$\mathcal{O}(2; \{20, 10^2, 5^3, 4^3\})$	1049600000
20	$\mathcal{O}(2; \{20, 10^3, 4, 2^6\})$	16640000
20	$\mathcal{O}(2; \{20, 10^3, 4^3, 2^3\})$	66560000
20	$\mathcal{O}(2; \{20, 10^3, 4^5\})$	266240000
20	$\mathcal{O}(2; \{20, 10^4, 5^2, 4, 2\})$	1048320000
20	$\mathcal{O}(2; \{20^2, 2^{11}\})$	1280000
20	$\mathcal{O}(2; \{20^2, 4^2, 2^8\})$	5120000
20	$\mathcal{O}(2; \{20^2, 4^4, 2^5\})$	20480000
20	$\mathcal{O}(2; \{20^2, 4^6, 2^2\})$	81920000
20	$\mathcal{O}(2; \{20^2, 5^5, 2^3\})$	1048320000
20	$\mathcal{O}(2; \{20^2, 5^5, 4^2\})$	4193280000
20	$\mathcal{O}(2; \{20^2, 10, 5^2, 2^6\})$	65280000
20	$\mathcal{O}(2; \{20^2, 10, 5^2, 4^2, 2^3\})$	261120000
20	$\mathcal{O}(2; \{20^2, 10, 5^2, 4^4\})$	1044480000
20	$\mathcal{O}(2; \{20^2, 10^2, 5^4, 2\})$	4194560000
20	$\mathcal{O}(2; \{20^2, 10^3, 5, 2^4\})$	262400000
20	$\mathcal{O}(2; \{20^2, 10^3, 5, 4^2, 2\})$	1049600000
20	$\mathcal{O}(2; \{20^2, 10^5, 2^2\})$	1048320000
20	$\mathcal{O}(2; \{20^3, 5, 4, 2^6\})$	66560000
20	$\mathcal{O}(2; \{20^3, 5, 4^3, 2^3\})$	266240000
20	$\mathcal{O}(2; \{20^3, 5, 4^5\})$	1064960000
20	$\mathcal{O}(2; \{20^3, 10, 5^3, 4, 2\})$	4193280000
20	$\mathcal{O}(2; \{20^3, 10^2, 4, 2^4\})$	261120000
20	$\mathcal{O}(2; \{20^3, 10^2, 4^3, 2\})$	1044480000
20	$\mathcal{O}(2; \{20^4, 5^2, 2^4\})$	1049600000

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(2; \{20^4, 5^2, 4^2, 2\})$	4198400000
20	$\mathcal{O}(2; \{20^4, 10^2, 5, 2^2\})$	4193280000
20	$\mathcal{O}(2; \{20^4, 10^4\})$	16778240000
20	$\mathcal{O}(2; \{20^5, 10, 4, 2^2\})$	4198400000
20	$\mathcal{O}(2; \{20^6, 10, 5\})$	67112960000
20	$\mathcal{O}(2; \{20^7, 4\})$	67092480000
20	$\mathcal{O}(1; \{5^3, 2^{14}\})$	3600
20	$\mathcal{O}(1; \{5^3, 4^2, 2^{11}\})$	9600
20	$\mathcal{O}(1; \{5^3, 4^4, 2^8\})$	38400
20	$\mathcal{O}(1; \{5^3, 4^6, 2^5\})$	153600
20	$\mathcal{O}(1; \{5^3, 4^8, 2^2\})$	614400
20	$\mathcal{O}(1; \{5^8, 2^6\})$	3932400
20	$\mathcal{O}(1; \{5^8, 4^2, 2^3\})$	10486400
20	$\mathcal{O}(1; \{5^8, 4^4\})$	41945600
20	$\mathcal{O}(1; \{10, 5^5, 2^9\})$	246000
20	$\mathcal{O}(1; \{10, 5^5, 4^2, 2^6\})$	656000
20	$\mathcal{O}(1; \{10, 5^5, 4^4, 2^3\})$	2624000
20	$\mathcal{O}(1; \{10, 5^5, 4^6\})$	10496000
20	$\mathcal{O}(1; \{10, 5^{10}, 2\})$	251658000
20	$\mathcal{O}(1; \{10^2, 5^2, 2^{12}\})$	15600
20	$\mathcal{O}(1; \{10^2, 5^2, 4^2, 2^9\})$	41600
20	$\mathcal{O}(1; \{10^2, 5^2, 4^4, 2^6\})$	166400
20	$\mathcal{O}(1; \{10^2, 5^2, 4^6, 2^3\})$	665600
20	$\mathcal{O}(1; \{10^2, 5^2, 4^8\})$	2662400
20	$\mathcal{O}(1; \{10^2, 5^7, 2^4\})$	15728400
20	$\mathcal{O}(1; \{10^2, 5^7, 4^2, 2\})$	41942400
20	$\mathcal{O}(1; \{10^3, 5^4, 2^7\})$	982800
20	$\mathcal{O}(1; \{10^3, 5^4, 4^2, 2^4\})$	2620800
20	$\mathcal{O}(1; \{10^3, 5^4, 4^4, 2\})$	10483200
20	$\mathcal{O}(1; \{10^4, 5, 2^{10}\})$	61200
20	$\mathcal{O}(1; \{10^4, 5, 4^2, 2^7\})$	163200
20	$\mathcal{O}(1; \{10^4, 5, 4^4, 2^4\})$	652800
20	$\mathcal{O}(1; \{10^4, 5, 4^6, 2\})$	2611200
20	$\mathcal{O}(1; \{10^4, 5^6, 2^2\})$	62914800
20	$\mathcal{O}(1; \{10^5, 5^3, 2^5\})$	3932400
20	$\mathcal{O}(1; \{10^5, 5^3, 4^2, 2^2\})$	10486400
20	$\mathcal{O}(1; \{10^6, 2^8\})$	246000
20	$\mathcal{O}(1; \{10^6, 4^2, 2^5\})$	656000
20	$\mathcal{O}(1; \{10^6, 4^4, 2^2\})$	2624000
20	$\mathcal{O}(1; \{10^6, 5^5\})$	251658000
20	$\mathcal{O}(1; \{10^7, 5^2, 2^3\})$	15728400
20	$\mathcal{O}(1; \{10^7, 5^2, 4^2\})$	41942400
20	$\mathcal{O}(1; \{10^9, 5, 2\})$	62914800

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{20, 5^4, 4, 2^9\})$	163200
20	$\mathcal{O}(1; \{20, 5^4, 4^3, 2^6\})$	652800
20	$\mathcal{O}(1; \{20, 5^4, 4^5, 2^3\})$	2611200
20	$\mathcal{O}(1; \{20, 5^4, 4^7\})$	10444800
20	$\mathcal{O}(1; \{20, 5^9, 4, 2\})$	167772800
20	$\mathcal{O}(1; \{20, 10, 5, 4, 2^{12}\})$	9600
20	$\mathcal{O}(1; \{20, 10, 5, 4^3, 2^9\})$	38400
20	$\mathcal{O}(1; \{20, 10, 5, 4^5, 2^6\})$	153600
20	$\mathcal{O}(1; \{20, 10, 5, 4^7, 2^3\})$	614400
20	$\mathcal{O}(1; \{20, 10, 5, 4^9\})$	2457600
20	$\mathcal{O}(1; \{20, 10, 5^6, 4, 2^4\})$	10486400
20	$\mathcal{O}(1; \{20, 10, 5^6, 4^3, 2\})$	41945600
20	$\mathcal{O}(1; \{20, 10^2, 5^3, 4, 2^7\})$	656000
20	$\mathcal{O}(1; \{20, 10^2, 5^3, 4^3, 2^4\})$	2624000
20	$\mathcal{O}(1; \{20, 10^2, 5^3, 4^5, 2\})$	10496000
20	$\mathcal{O}(1; \{20, 10^3, 4, 2^{10}\})$	41600
20	$\mathcal{O}(1; \{20, 10^3, 4^3, 2^7\})$	166400
20	$\mathcal{O}(1; \{20, 10^3, 4^5, 2^4\})$	665600
20	$\mathcal{O}(1; \{20, 10^3, 4^7, 2\})$	2662400
20	$\mathcal{O}(1; \{20, 10^3, 5^5, 4, 2^2\})$	41942400
20	$\mathcal{O}(1; \{20, 10^4, 5^2, 4, 2^5\})$	2620800
20	$\mathcal{O}(1; \{20, 10^4, 5^2, 4^3, 2^2\})$	10483200
20	$\mathcal{O}(1; \{20, 10^5, 5^4, 4\})$	167772800
20	$\mathcal{O}(1; \{20, 10^6, 5, 4, 2^3\})$	10486400
20	$\mathcal{O}(1; \{20, 10^6, 5, 4^3\})$	41945600
20	$\mathcal{O}(1; \{20, 10^8, 4, 2\})$	41942400
20	$\mathcal{O}(1; \{20^2, 2^{15}\})$	3200
20	$\mathcal{O}(1; \{20^2, 4^2, 2^{12}\})$	12800
20	$\mathcal{O}(1; \{20^2, 4^4, 2^9\})$	51200
20	$\mathcal{O}(1; \{20^2, 4^6, 2^6\})$	204800
20	$\mathcal{O}(1; \{20^2, 4^8, 2^3\})$	819200
20	$\mathcal{O}(1; \{20^2, 4^{10}\})$	3276800
20	$\mathcal{O}(1; \{20^2, 5^5, 2^7\})$	2620800
20	$\mathcal{O}(1; \{20^2, 5^5, 4^2, 2^4\})$	10483200
20	$\mathcal{O}(1; \{20^2, 5^5, 4^4, 2\})$	41932800
20	$\mathcal{O}(1; \{20^2, 10, 5^2, 2^{10}\})$	163200
20	$\mathcal{O}(1; \{20^2, 10, 5^2, 4^2, 2^7\})$	652800
20	$\mathcal{O}(1; \{20^2, 10, 5^2, 4^4, 2^4\})$	2611200
20	$\mathcal{O}(1; \{20^2, 10, 5^2, 4^6, 2\})$	10444800
20	$\mathcal{O}(1; \{20^2, 10, 5^7, 2^2\})$	167772800
20	$\mathcal{O}(1; \{20^2, 10^2, 5^4, 2^5\})$	10486400
20	$\mathcal{O}(1; \{20^2, 10^2, 5^4, 4^2, 2^2\})$	41945600
20	$\mathcal{O}(1; \{20^2, 10^3, 5, 2^8\})$	656000

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{20^2, 10^3, 5, 4^2, 2^5\})$	2624000
20	$\mathcal{O}(1; \{20^2, 10^3, 5, 4^4, 2^2\})$	10496000
20	$\mathcal{O}(1; \{20^2, 10^3, 5^6\})$	671088000
20	$\mathcal{O}(1; \{20^2, 10^4, 5^3, 2^3\})$	41942400
20	$\mathcal{O}(1; \{20^2, 10^4, 5^3, 4^2\})$	167769600
20	$\mathcal{O}(1; \{20^2, 10^5, 2^6\})$	2620800
20	$\mathcal{O}(1; \{20^2, 10^5, 4^2, 2^3\})$	10483200
20	$\mathcal{O}(1; \{20^2, 10^5, 4^4\})$	41932800
20	$\mathcal{O}(1; \{20^2, 10^6, 5^2, 2\})$	167772800
20	$\mathcal{O}(1; \{20^3, 5, 4, 2^{10}\})$	166400
20	$\mathcal{O}(1; \{20^3, 5, 4^3, 2^7\})$	665600
20	$\mathcal{O}(1; \{20^3, 5, 4^5, 2^4\})$	2662400
20	$\mathcal{O}(1; \{20^3, 5, 4^7, 2\})$	10649600
20	$\mathcal{O}(1; \{20^3, 5^6, 4, 2^2\})$	167769600
20	$\mathcal{O}(1; \{20^3, 10, 5^3, 4, 2^5\})$	10483200
20	$\mathcal{O}(1; \{20^3, 10, 5^3, 4^3, 2^2\})$	41932800
20	$\mathcal{O}(1; \{20^3, 10^2, 4, 2^8\})$	652800
20	$\mathcal{O}(1; \{20^3, 10^2, 4^3, 2^5\})$	2611200
20	$\mathcal{O}(1; \{20^3, 10^2, 4^5, 2^2\})$	10444800
20	$\mathcal{O}(1; \{20^3, 10^2, 5^5, 4\})$	671091200
20	$\mathcal{O}(1; \{20^3, 10^3, 5^2, 4, 2^3\})$	41945600
20	$\mathcal{O}(1; \{20^3, 10^3, 5^2, 4^3\})$	167782400
20	$\mathcal{O}(1; \{20^3, 10^5, 5, 4, 2\})$	167769600
20	$\mathcal{O}(1; \{20^4, 5^2, 2^8\})$	2624000
20	$\mathcal{O}(1; \{20^4, 5^2, 4^2, 2^5\})$	10496000
20	$\mathcal{O}(1; \{20^4, 5^2, 4^4, 2^2\})$	41984000
20	$\mathcal{O}(1; \{20^4, 5^7\})$	2684352000
20	$\mathcal{O}(1; \{20^4, 10, 5^4, 2^3\})$	167769600
20	$\mathcal{O}(1; \{20^4, 10, 5^4, 4^2\})$	671078400
20	$\mathcal{O}(1; \{20^4, 10^2, 5, 2^6\})$	10483200
20	$\mathcal{O}(1; \{20^4, 10^2, 5, 4^2, 2^3\})$	41932800
20	$\mathcal{O}(1; \{20^4, 10^2, 5, 4^4\})$	167731200
20	$\mathcal{O}(1; \{20^4, 10^3, 5^3, 2\})$	671091200
20	$\mathcal{O}(1; \{20^4, 10^4, 2^4\})$	41945600
20	$\mathcal{O}(1; \{20^4, 10^4, 4^2, 2\})$	167782400
20	$\mathcal{O}(1; \{20^5, 5^3, 4, 2^3\})$	167782400
20	$\mathcal{O}(1; \{20^5, 5^3, 4^3\})$	671129600
20	$\mathcal{O}(1; \{20^5, 10, 4, 2^6\})$	10496000
20	$\mathcal{O}(1; \{20^5, 10, 4^3, 2^3\})$	41984000
20	$\mathcal{O}(1; \{20^5, 10, 4^5\})$	167936000
20	$\mathcal{O}(1; \{20^5, 10^2, 5^2, 4, 2\})$	671078400
20	$\mathcal{O}(1; \{20^6, 5^4, 2\})$	2684364800
20	$\mathcal{O}(1; \{20^6, 10, 5, 2^4\})$	167782400

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{20^6, 10, 5, 4^2, 2\})$	671129600
20	$\mathcal{O}(1; \{20^6, 10^3, 2^2\})$	671078400
20	$\mathcal{O}(1; \{20^7, 4, 2^4\})$	167731200
20	$\mathcal{O}(1; \{20^7, 4^3, 2\})$	670924800
20	$\mathcal{O}(1; \{20^8, 5, 2^2\})$	2684313600
20	$\mathcal{O}(1; \{20^8, 10^2\})$	10737459200
20	$\mathcal{O}(0; \{5^3, 4^2, 2^{15}\})$	24
20	$\mathcal{O}(0; \{5^3, 4^4, 2^{12}\})$	96
20	$\mathcal{O}(0; \{5^3, 4^6, 2^9\})$	384
20	$\mathcal{O}(0; \{5^3, 4^8, 2^6\})$	1536
20	$\mathcal{O}(0; \{5^3, 4^{10}, 2^3\})$	6144
20	$\mathcal{O}(0; \{5^3, 4^{12}\})$	24576
20	$\mathcal{O}(0; \{5^8, 4^2, 2^7\})$	26216
20	$\mathcal{O}(0; \{5^8, 4^4, 2^4\})$	104864
20	$\mathcal{O}(0; \{5^8, 4^6, 2\})$	419456
20	$\mathcal{O}(0; \{10, 5^5, 4^2, 2^{10}\})$	1640
20	$\mathcal{O}(0; \{10, 5^5, 4^4, 2^7\})$	6560
20	$\mathcal{O}(0; \{10, 5^5, 4^6, 2^4\})$	26240
20	$\mathcal{O}(0; \{10, 5^5, 4^8, 2\})$	104960
20	$\mathcal{O}(0; \{10, 5^{10}, 4^2, 2^2\})$	1677720
20	$\mathcal{O}(0; \{10^2, 5^2, 4^2, 2^{13}\})$	104
20	$\mathcal{O}(0; \{10^2, 5^2, 4^4, 2^{10}\})$	416
20	$\mathcal{O}(0; \{10^2, 5^2, 4^6, 2^7\})$	1664
20	$\mathcal{O}(0; \{10^2, 5^2, 4^8, 2^4\})$	6656
20	$\mathcal{O}(0; \{10^2, 5^2, 4^{10}, 2\})$	26624
20	$\mathcal{O}(0; \{10^2, 5^7, 4^2, 2^5\})$	104856
20	$\mathcal{O}(0; \{10^2, 5^7, 4^4, 2^2\})$	419424
20	$\mathcal{O}(0; \{10^3, 5^4, 4^2, 2^8\})$	6552
20	$\mathcal{O}(0; \{10^3, 5^4, 4^4, 2^5\})$	26208
20	$\mathcal{O}(0; \{10^3, 5^4, 4^6, 2^2\})$	104832
20	$\mathcal{O}(0; \{10^3, 5^9, 4^2\})$	6710888
20	$\mathcal{O}(0; \{10^4, 5, 4^2, 2^{11}\})$	408
20	$\mathcal{O}(0; \{10^4, 5, 4^4, 2^8\})$	1632
20	$\mathcal{O}(0; \{10^4, 5, 4^6, 2^5\})$	6528
20	$\mathcal{O}(0; \{10^4, 5, 4^8, 2^2\})$	26112
20	$\mathcal{O}(0; \{10^4, 5^6, 4^2, 2^3\})$	419432
20	$\mathcal{O}(0; \{10^4, 5^6, 4^4\})$	1677728
20	$\mathcal{O}(0; \{10^5, 5^3, 4^2, 2^6\})$	26216
20	$\mathcal{O}(0; \{10^5, 5^3, 4^4, 2^3\})$	104864
20	$\mathcal{O}(0; \{10^5, 5^3, 4^6\})$	419456
20	$\mathcal{O}(0; \{10^6, 4^2, 2^9\})$	1640
20	$\mathcal{O}(0; \{10^6, 4^4, 2^6\})$	6560
20	$\mathcal{O}(0; \{10^6, 4^6, 2^3\})$	26240

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{10^6, 4^8\})$	104960
20	$\mathcal{O}(0; \{10^6, 5^5, 4^2, 2\})$	1677720
20	$\mathcal{O}(0; \{10^7, 5^2, 4^2, 2^4\})$	104856
20	$\mathcal{O}(0; \{10^7, 5^2, 4^4, 2\})$	419424
20	$\mathcal{O}(0; \{10^9, 5, 4^2, 2^2\})$	419432
20	$\mathcal{O}(0; \{10^{11}, 4^2\})$	1677720
20	$\mathcal{O}(0; \{20, 5^4, 4, 2^{13}\})$	408
20	$\mathcal{O}(0; \{20, 5^4, 4^3, 2^{10}\})$	1632
20	$\mathcal{O}(0; \{20, 5^4, 4^5, 2^7\})$	6528
20	$\mathcal{O}(0; \{20, 5^4, 4^7, 2^4\})$	26112
20	$\mathcal{O}(0; \{20, 5^4, 4^9, 2\})$	104448
20	$\mathcal{O}(0; \{20, 5^9, 4, 2^5\})$	419432
20	$\mathcal{O}(0; \{20, 5^9, 4^3, 2^2\})$	1677728
20	$\mathcal{O}(0; \{20, 10, 5, 4, 2^{16}\})$	24
20	$\mathcal{O}(0; \{20, 10, 5, 4^3, 2^{13}\})$	96
20	$\mathcal{O}(0; \{20, 10, 5, 4^5, 2^{10}\})$	384
20	$\mathcal{O}(0; \{20, 10, 5, 4^7, 2^7\})$	1536
20	$\mathcal{O}(0; \{20, 10, 5, 4^9, 2^4\})$	6144
20	$\mathcal{O}(0; \{20, 10, 5, 4^{11}, 2\})$	24576
20	$\mathcal{O}(0; \{20, 10, 5^6, 4, 2^8\})$	26216
20	$\mathcal{O}(0; \{20, 10, 5^6, 4^3, 2^5\})$	104864
20	$\mathcal{O}(0; \{20, 10, 5^6, 4^5, 2^2\})$	419456
20	$\mathcal{O}(0; \{20, 10, 5^{11}, 4\})$	26843544
20	$\mathcal{O}(0; \{20, 10^2, 5^3, 4, 2^{11}\})$	1640
20	$\mathcal{O}(0; \{20, 10^2, 5^3, 4^3, 2^8\})$	6560
20	$\mathcal{O}(0; \{20, 10^2, 5^3, 4^5, 2^5\})$	26240
20	$\mathcal{O}(0; \{20, 10^2, 5^3, 4^7, 2^2\})$	104960
20	$\mathcal{O}(0; \{20, 10^2, 5^8, 4, 2^3\})$	1677720
20	$\mathcal{O}(0; \{20, 10^2, 5^8, 4^3\})$	6710880
20	$\mathcal{O}(0; \{20, 10^3, 4, 2^{14}\})$	104
20	$\mathcal{O}(0; \{20, 10^3, 4^3, 2^{11}\})$	416
20	$\mathcal{O}(0; \{20, 10^3, 4^5, 2^8\})$	1664
20	$\mathcal{O}(0; \{20, 10^3, 4^7, 2^5\})$	6656
20	$\mathcal{O}(0; \{20, 10^3, 4^9, 2^2\})$	26624
20	$\mathcal{O}(0; \{20, 10^3, 5^5, 4, 2^6\})$	104856
20	$\mathcal{O}(0; \{20, 10^3, 5^5, 4^3, 2^3\})$	419424
20	$\mathcal{O}(0; \{20, 10^3, 5^5, 4^5\})$	1677696
20	$\mathcal{O}(0; \{20, 10^4, 5^2, 4, 2^9\})$	6552
20	$\mathcal{O}(0; \{20, 10^4, 5^2, 4^3, 2^6\})$	26208
20	$\mathcal{O}(0; \{20, 10^4, 5^2, 4^5, 2^3\})$	104832
20	$\mathcal{O}(0; \{20, 10^4, 5^2, 4^7\})$	419328
20	$\mathcal{O}(0; \{20, 10^4, 5^7, 4, 2\})$	6710888
20	$\mathcal{O}(0; \{20, 10^5, 5^4, 4, 2^4\})$	419432

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20, 10^5, 5^4, 4^3, 2\})$	1677728
20	$\mathcal{O}(0; \{20, 10^6, 5, 4, 2^7\})$	26216
20	$\mathcal{O}(0; \{20, 10^6, 5, 4^3, 2^4\})$	104864
20	$\mathcal{O}(0; \{20, 10^6, 5, 4^5, 2\})$	419456
20	$\mathcal{O}(0; \{20, 10^7, 5^3, 4, 2^2\})$	1677720
20	$\mathcal{O}(0; \{20, 10^8, 4, 2^5\})$	104856
20	$\mathcal{O}(0; \{20, 10^8, 4^3, 2^2\})$	419424
20	$\mathcal{O}(0; \{20, 10^9, 5^2, 4\})$	6710888
20	$\mathcal{O}(0; \{20^2, 2^{19}\})$	8
20	$\mathcal{O}(0; \{20^2, 4^2, 2^{16}\})$	32
20	$\mathcal{O}(0; \{20^2, 4^4, 2^{13}\})$	128
20	$\mathcal{O}(0; \{20^2, 4^6, 2^{10}\})$	512
20	$\mathcal{O}(0; \{20^2, 4^8, 2^7\})$	2048
20	$\mathcal{O}(0; \{20^2, 4^{10}, 2^4\})$	8192
20	$\mathcal{O}(0; \{20^2, 4^{12}, 2\})$	32768
20	$\mathcal{O}(0; \{20^2, 5^5, 2^{11}\})$	6552
20	$\mathcal{O}(0; \{20^2, 5^5, 4^2, 2^8\})$	26208
20	$\mathcal{O}(0; \{20^2, 5^5, 4^4, 2^5\})$	104832
20	$\mathcal{O}(0; \{20^2, 5^5, 4^6, 2^2\})$	419328
20	$\mathcal{O}(0; \{20^2, 5^{10}, 2^3\})$	6710888
20	$\mathcal{O}(0; \{20^2, 5^{10}, 4^2\})$	26843552
20	$\mathcal{O}(0; \{20^2, 10, 5^2, 2^{14}\})$	408
20	$\mathcal{O}(0; \{20^2, 10, 5^2, 4^2, 2^{11}\})$	1632
20	$\mathcal{O}(0; \{20^2, 10, 5^2, 4^4, 2^8\})$	6528
20	$\mathcal{O}(0; \{20^2, 10, 5^2, 4^6, 2^5\})$	26112
20	$\mathcal{O}(0; \{20^2, 10, 5^2, 4^8, 2^2\})$	104448
20	$\mathcal{O}(0; \{20^2, 10, 5^7, 2^6\})$	419432
20	$\mathcal{O}(0; \{20^2, 10, 5^7, 4^2, 2^3\})$	1677728
20	$\mathcal{O}(0; \{20^2, 10, 5^7, 4^4\})$	6710912
20	$\mathcal{O}(0; \{20^2, 10^2, 5^4, 2^9\})$	26216
20	$\mathcal{O}(0; \{20^2, 10^2, 5^4, 4^2, 2^6\})$	104864
20	$\mathcal{O}(0; \{20^2, 10^2, 5^4, 4^4, 2^3\})$	419456
20	$\mathcal{O}(0; \{20^2, 10^2, 5^4, 4^6\})$	1677824
20	$\mathcal{O}(0; \{20^2, 10^2, 5^9, 2\})$	26843544
20	$\mathcal{O}(0; \{20^2, 10^3, 5, 2^{12}\})$	1640
20	$\mathcal{O}(0; \{20^2, 10^3, 5, 4^2, 2^9\})$	6560
20	$\mathcal{O}(0; \{20^2, 10^3, 5, 4^4, 2^6\})$	26240
20	$\mathcal{O}(0; \{20^2, 10^3, 5, 4^6, 2^3\})$	104960
20	$\mathcal{O}(0; \{20^2, 10^3, 5, 4^8\})$	419840
20	$\mathcal{O}(0; \{20^2, 10^3, 5^6, 2^4\})$	1677720
20	$\mathcal{O}(0; \{20^2, 10^3, 5^6, 4^2, 2\})$	6710880
20	$\mathcal{O}(0; \{20^2, 10^4, 5^3, 2^7\})$	104856
20	$\mathcal{O}(0; \{20^2, 10^4, 5^3, 4^2, 2^4\})$	419424

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20^2, 10^4, 5^3, 4^4, 2\})$	1677696
20	$\mathcal{O}(0; \{20^2, 10^5, 2^{10}\})$	6552
20	$\mathcal{O}(0; \{20^2, 10^5, 4^2, 2^7\})$	26208
20	$\mathcal{O}(0; \{20^2, 10^5, 4^4, 2^4\})$	104832
20	$\mathcal{O}(0; \{20^2, 10^5, 4^6, 2\})$	419328
20	$\mathcal{O}(0; \{20^2, 10^5, 5^5, 2^2\})$	6710888
20	$\mathcal{O}(0; \{20^2, 10^6, 5^2, 2^5\})$	419432
20	$\mathcal{O}(0; \{20^2, 10^6, 5^2, 4^2, 2^2\})$	1677728
20	$\mathcal{O}(0; \{20^2, 10^7, 5^4\})$	26843544
20	$\mathcal{O}(0; \{20^2, 10^8, 5, 2^3\})$	1677720
20	$\mathcal{O}(0; \{20^2, 10^8, 5, 4^2\})$	6710880
20	$\mathcal{O}(0; \{20^2, 10^{10}, 2\})$	6710888
20	$\mathcal{O}(0; \{20^3, 5, 4, 2^{14}\})$	416
20	$\mathcal{O}(0; \{20^3, 5, 4^3, 2^{11}\})$	1664
20	$\mathcal{O}(0; \{20^3, 5, 4^5, 2^8\})$	6656
20	$\mathcal{O}(0; \{20^3, 5, 4^7, 2^5\})$	26624
20	$\mathcal{O}(0; \{20^3, 5, 4^9, 2^2\})$	106496
20	$\mathcal{O}(0; \{20^3, 5^6, 4, 2^6\})$	419424
20	$\mathcal{O}(0; \{20^3, 5^6, 4^3, 2^3\})$	1677696
20	$\mathcal{O}(0; \{20^3, 5^6, 4^5\})$	6710784
20	$\mathcal{O}(0; \{20^3, 10, 5^3, 4, 2^9\})$	26208
20	$\mathcal{O}(0; \{20^3, 10, 5^3, 4^3, 2^6\})$	104832
20	$\mathcal{O}(0; \{20^3, 10, 5^3, 4^5, 2^3\})$	419328
20	$\mathcal{O}(0; \{20^3, 10, 5^3, 4^7\})$	1677312
20	$\mathcal{O}(0; \{20^3, 10, 5^8, 4, 2\})$	26843552
20	$\mathcal{O}(0; \{20^3, 10^2, 4, 2^{12}\})$	1632
20	$\mathcal{O}(0; \{20^3, 10^2, 4^3, 2^9\})$	6528
20	$\mathcal{O}(0; \{20^3, 10^2, 4^5, 2^6\})$	26112
20	$\mathcal{O}(0; \{20^3, 10^2, 4^7, 2^3\})$	104448
20	$\mathcal{O}(0; \{20^3, 10^2, 4^9\})$	417792
20	$\mathcal{O}(0; \{20^3, 10^2, 5^5, 4, 2^4\})$	1677728
20	$\mathcal{O}(0; \{20^3, 10^2, 5^5, 4^3, 2\})$	6710912
20	$\mathcal{O}(0; \{20^3, 10^3, 5^2, 4, 2^7\})$	104864
20	$\mathcal{O}(0; \{20^3, 10^3, 5^2, 4^3, 2^4\})$	419456
20	$\mathcal{O}(0; \{20^3, 10^3, 5^2, 4^5, 2\})$	1677824
20	$\mathcal{O}(0; \{20^3, 10^4, 5^4, 4, 2^2\})$	6710880
20	$\mathcal{O}(0; \{20^3, 10^5, 5, 4, 2^5\})$	419424
20	$\mathcal{O}(0; \{20^3, 10^5, 5, 4^3, 2^2\})$	1677696
20	$\mathcal{O}(0; \{20^3, 10^6, 5^3, 4\})$	26843552
20	$\mathcal{O}(0; \{20^3, 10^7, 4, 2^3\})$	1677728
20	$\mathcal{O}(0; \{20^3, 10^7, 4^3\})$	6710912
20	$\mathcal{O}(0; \{20^4, 5^2, 2^{12}\})$	6560
20	$\mathcal{O}(0; \{20^4, 5^2, 4^2, 2^9\})$	26240

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20^4, 5^2, 4^4, 2^6\})$	104960
20	$\mathcal{O}(0; \{20^4, 5^2, 4^6, 2^3\})$	419840
20	$\mathcal{O}(0; \{20^4, 5^2, 4^8\})$	1679360
20	$\mathcal{O}(0; \{20^4, 5^7, 2^4\})$	6710880
20	$\mathcal{O}(0; \{20^4, 5^7, 4^2, 2\})$	26843520
20	$\mathcal{O}(0; \{20^4, 10, 5^4, 2^7\})$	419424
20	$\mathcal{O}(0; \{20^4, 10, 5^4, 4^2, 2^4\})$	1677696
20	$\mathcal{O}(0; \{20^4, 10, 5^4, 4^4, 2\})$	6710784
20	$\mathcal{O}(0; \{20^4, 10^2, 5, 2^{10}\})$	26208
20	$\mathcal{O}(0; \{20^4, 10^2, 5, 4^2, 2^7\})$	104832
20	$\mathcal{O}(0; \{20^4, 10^2, 5, 4^4, 2^4\})$	419328
20	$\mathcal{O}(0; \{20^4, 10^2, 5, 4^6, 2\})$	1677312
20	$\mathcal{O}(0; \{20^4, 10^2, 5^6, 2^2\})$	26843552
20	$\mathcal{O}(0; \{20^4, 10^3, 5^3, 2^5\})$	1677728
20	$\mathcal{O}(0; \{20^4, 10^3, 5^3, 4^2, 2^2\})$	6710912
20	$\mathcal{O}(0; \{20^4, 10^4, 2^8\})$	104864
20	$\mathcal{O}(0; \{20^4, 10^4, 4^2, 2^5\})$	419456
20	$\mathcal{O}(0; \{20^4, 10^4, 4^4, 2^2\})$	1677824
20	$\mathcal{O}(0; \{20^4, 10^4, 5^5\})$	107374176
20	$\mathcal{O}(0; \{20^4, 10^5, 5^2, 2^3\})$	6710880
20	$\mathcal{O}(0; \{20^4, 10^5, 5^2, 4^2\})$	26843520
20	$\mathcal{O}(0; \{20^4, 10^7, 5, 2\})$	26843552
20	$\mathcal{O}(0; \{20^5, 5^3, 4, 2^7\})$	419456
20	$\mathcal{O}(0; \{20^5, 5^3, 4^3, 2^4\})$	1677824
20	$\mathcal{O}(0; \{20^5, 5^3, 4^5, 2\})$	6711296
20	$\mathcal{O}(0; \{20^5, 10, 4, 2^{10}\})$	26240
20	$\mathcal{O}(0; \{20^5, 10, 4^3, 2^7\})$	104960
20	$\mathcal{O}(0; \{20^5, 10, 4^5, 2^4\})$	419840
20	$\mathcal{O}(0; \{20^5, 10, 4^7, 2\})$	1679360
20	$\mathcal{O}(0; \{20^5, 10, 5^5, 4, 2^2\})$	26843520
20	$\mathcal{O}(0; \{20^5, 10^2, 5^2, 4, 2^5\})$	1677696
20	$\mathcal{O}(0; \{20^5, 10^2, 5^2, 4^3, 2^2\})$	6710784
20	$\mathcal{O}(0; \{20^5, 10^3, 5^4, 4\})$	107374208
20	$\mathcal{O}(0; \{20^5, 10^4, 5, 4, 2^3\})$	6710912
20	$\mathcal{O}(0; \{20^5, 10^4, 5, 4^3\})$	26843648
20	$\mathcal{O}(0; \{20^5, 10^6, 4, 2\})$	26843520
20	$\mathcal{O}(0; \{20^6, 5^4, 2^5\})$	6710912
20	$\mathcal{O}(0; \{20^6, 5^4, 4^2, 2^2\})$	26843648
20	$\mathcal{O}(0; \{20^6, 10, 5, 2^8\})$	419456
20	$\mathcal{O}(0; \{20^6, 10, 5, 4^2, 2^5\})$	1677824
20	$\mathcal{O}(0; \{20^6, 10, 5, 4^4, 2^2\})$	6711296
20	$\mathcal{O}(0; \{20^6, 10, 5^6\})$	429496704
20	$\mathcal{O}(0; \{20^6, 10^2, 5^3, 2^3\})$	26843520

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20^6, 10^2, 5^3, 4^2\})$	107374080
20	$\mathcal{O}(0; \{20^6, 10^3, 2^6\})$	1677696
20	$\mathcal{O}(0; \{20^6, 10^3, 4^2, 2^3\})$	6710784
20	$\mathcal{O}(0; \{20^6, 10^3, 4^4\})$	26843136
20	$\mathcal{O}(0; \{20^6, 10^4, 5^2, 2\})$	107374208
20	$\mathcal{O}(0; \{20^7, 4, 2^8\})$	419328
20	$\mathcal{O}(0; \{20^7, 4^3, 2^5\})$	1677312
20	$\mathcal{O}(0; \{20^7, 4^5, 2^2\})$	6709248
20	$\mathcal{O}(0; \{20^7, 5^5, 4\})$	429496832
20	$\mathcal{O}(0; \{20^7, 10, 5^2, 4, 2^3\})$	26843648
20	$\mathcal{O}(0; \{20^7, 10, 5^2, 4^3\})$	107374592
20	$\mathcal{O}(0; \{20^7, 10^3, 5, 4, 2\})$	107374080
20	$\mathcal{O}(0; \{20^8, 5, 2^6\})$	6710784
20	$\mathcal{O}(0; \{20^8, 5, 4^2, 2^3\})$	26843136
20	$\mathcal{O}(0; \{20^8, 5, 4^4\})$	107372544
20	$\mathcal{O}(0; \{20^8, 10, 5^3, 2\})$	429496832
20	$\mathcal{O}(0; \{20^8, 10^2, 2^4\})$	26843648
20	$\mathcal{O}(0; \{20^8, 10^2, 4^2, 2\})$	107374592
20	$\mathcal{O}(0; \{20^9, 5^2, 4, 2\})$	429496320
20	$\mathcal{O}(0; \{20^{10}, 10, 2^2\})$	429496320
20	$\mathcal{O}(0; \{20^{12}\})$	6871949312
21	$\mathcal{O}(3; \{21^2, 7^2, 3^2\})$	95714991036
21	$\mathcal{O}(2; \{7^5, 3^4\})$	1295243460
21	$\mathcal{O}(2; \{21^2, 7^2, 3^5\})$	1519285572
21	$\mathcal{O}(2; \{21^3, 7^4, 3\})$	46663771140
21	$\mathcal{O}(2; \{21^5, 7, 3^2\})$	54449234532
21	$\mathcal{O}(1; \{7^5, 3^7\})$	20559420
21	$\mathcal{O}(1; \{21, 7^7, 3^3\})$	634897116
21	$\mathcal{O}(1; \{21^2, 7^2, 3^8\})$	28052892
21	$\mathcal{O}(1; \{21^3, 7^4, 3^4\})$	740694780
21	$\mathcal{O}(1; \{21^4, 7^6\})$	22856216796
21	$\mathcal{O}(1; \{21^5, 7, 3^5\})$	1005379452
21	$\mathcal{O}(1; \{21^6, 7^3, 3\})$	26665567740
21	$\mathcal{O}(1; \{21^8, 3^2\})$	36189135612
21	$\mathcal{O}(0; \{7^5, 3^{10}\})$	379620
21	$\mathcal{O}(0; \{21, 7^7, 3^6\})$	10077732
21	$\mathcal{O}(0; \{21^2, 7^2, 3^{11}\})$	507780
21	$\mathcal{O}(0; \{21^2, 7^9, 3^2\})$	310968900
21	$\mathcal{O}(0; \{21^3, 7^4, 3^7\})$	13676580
21	$\mathcal{O}(0; \{21^4, 7^6, 3^3\})$	362797092
21	$\mathcal{O}(0; \{21^5, 7, 3^8\})$	18198180
21	$\mathcal{O}(0; \{21^6, 7^3, 3^4\})$	492367140
21	$\mathcal{O}(0; \{21^7, 7^5\})$	13060694052

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
21	$\mathcal{O}(0; \{21^8, 3^5\})$	655052580
21	$\mathcal{O}(0; \{21^9, 7^2, 3\})$	17725227300
22	$\mathcal{O}(3; \{11^5\})$	1014519837870
22	$\mathcal{O}(2; \{11^5, 2^4\})$	2129387040
22	$\mathcal{O}(2; \{22^2, 11^4, 2^2\})$	21296212960
22	$\mathcal{O}(2; \{22^4, 11^3\})$	212959787040
22	$\mathcal{O}(1; \{11^5, 2^8\})$	4399560
22	$\mathcal{O}(1; \{22^2, 11^4, 2^6\})$	44000440
22	$\mathcal{O}(1; \{22^4, 11^3, 2^4\})$	439999560
22	$\mathcal{O}(1; \{22^6, 11^2, 2^2\})$	4400000440
22	$\mathcal{O}(1; \{22^8, 11\})$	43999999560
22	$\mathcal{O}(0; \{11^5, 2^{12}\})$	9090
22	$\mathcal{O}(0; \{22, 11^{10}, 2\})$	9090909090
22	$\mathcal{O}(0; \{22^2, 11^4, 2^{10}\})$	90910
22	$\mathcal{O}(0; \{22^4, 11^3, 2^8\})$	909090
22	$\mathcal{O}(0; \{22^6, 11^2, 2^6\})$	9090910
22	$\mathcal{O}(0; \{22^8, 11, 2^4\})$	90909090
22	$\mathcal{O}(0; \{22^{10}, 2^2\})$	909090910
24	$\mathcal{O}(4; \{12^2\})$	438581329920
24	$\mathcal{O}(3; \{4^2, 3^2, 2^2\})$	752467968
24	$\mathcal{O}(3; \{6^2, 4^2, 3\})$	752467968
24	$\mathcal{O}(3; \{8^2, 4, 3^2\})$	3057647616
24	$\mathcal{O}(3; \{12, 4, 3, 2^3\})$	752467968
24	$\mathcal{O}(3; \{12, 4^3, 3\})$	3009871872
24	$\mathcal{O}(3; \{12, 6, 4, 3^2\})$	2257403904
24	$\mathcal{O}(3; \{12, 6^2, 4, 2\})$	752467968
24	$\mathcal{O}(3; \{12, 8^2, 3, 2\})$	3057647616
24	$\mathcal{O}(3; \{12^2, 2^4\})$	752467968
24	$\mathcal{O}(3; \{12^2, 3^3\})$	3762339840
24	$\mathcal{O}(3; \{12^2, 4^2, 2\})$	3009871872
24	$\mathcal{O}(3; \{12^2, 6, 3, 2\})$	2257403904
24	$\mathcal{O}(3; \{24, 8, 3^3\})$	4586471424
24	$\mathcal{O}(3; \{24, 8, 6, 3, 2\})$	1528823808
24	$\mathcal{O}(3; \{24^2, 4, 3, 2\})$	3057647616
24	$\mathcal{O}(3; \{24^2, 12, 2^2\})$	3057647616
24	$\mathcal{O}(3; \{24^4\})$	73383542784
24	$\mathcal{O}(2; \{4^2, 3^2, 2^6\})$	1244160
24	$\mathcal{O}(2; \{4^2, 3^5, 2^2\})$	6220800
24	$\mathcal{O}(2; \{4^4, 3^2, 2^3\})$	4976640
24	$\mathcal{O}(2; \{4^6, 3^2\})$	19906560
24	$\mathcal{O}(2; \{6, 4^2, 3^3, 2^3\})$	3732480
24	$\mathcal{O}(2; \{6, 4^4, 3^3\})$	14929920
24	$\mathcal{O}(2; \{6^2, 4^2, 3, 2^4\})$	1244160

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(2; \{6^2, 4^2, 3^4\})$	13685760
24	$\mathcal{O}(2; \{6^2, 4^4, 3, 2\})$	4976640
24	$\mathcal{O}(2; \{6^3, 4^2, 3^2, 2\})$	6220800
24	$\mathcal{O}(2; \{6^4, 4^2, 2^2\})$	3732480
24	$\mathcal{O}(2; \{8^2, 4, 3^2, 2^4\})$	5308416
24	$\mathcal{O}(2; \{8^2, 4, 3^5\})$	26542080
24	$\mathcal{O}(2; \{8^2, 4^3, 3^2, 2\})$	21233664
24	$\mathcal{O}(2; \{8^2, 6, 4, 3^3, 2\})$	15925248
24	$\mathcal{O}(2; \{8^2, 6^2, 4, 3, 2^2\})$	5308416
24	$\mathcal{O}(2; \{8^2, 6^4, 4\})$	15925248
24	$\mathcal{O}(2; \{8^4, 3^2, 2^2\})$	42467328
24	$\mathcal{O}(2; \{8^4, 6^2, 3\})$	42467328
24	$\mathcal{O}(2; \{12, 4, 3, 2^7\})$	1244160
24	$\mathcal{O}(2; \{12, 4, 3^4, 2^3\})$	6220800
24	$\mathcal{O}(2; \{12, 4^3, 3, 2^4\})$	4976640
24	$\mathcal{O}(2; \{12, 4^3, 3^4\})$	24883200
24	$\mathcal{O}(2; \{12, 4^5, 3, 2\})$	19906560
24	$\mathcal{O}(2; \{12, 6, 4, 3^2, 2^4\})$	3732480
24	$\mathcal{O}(2; \{12, 6, 4, 3^5\})$	26127360
24	$\mathcal{O}(2; \{12, 6, 4^3, 3^2, 2\})$	14929920
24	$\mathcal{O}(2; \{12, 6^2, 4, 2^5\})$	1244160
24	$\mathcal{O}(2; \{12, 6^2, 4, 3^3, 2\})$	13685760
24	$\mathcal{O}(2; \{12, 6^2, 4^3, 2^2\})$	4976640
24	$\mathcal{O}(2; \{12, 6^3, 4, 3, 2^2\})$	6220800
24	$\mathcal{O}(2; \{12, 6^5, 4\})$	13685760
24	$\mathcal{O}(2; \{12, 8^2, 3, 2^5\})$	5308416
24	$\mathcal{O}(2; \{12, 8^2, 3^4, 2\})$	26542080
24	$\mathcal{O}(2; \{12, 8^2, 4^2, 3, 2^2\})$	21233664
24	$\mathcal{O}(2; \{12, 8^2, 6, 3^2, 2^2\})$	15925248
24	$\mathcal{O}(2; \{12, 8^2, 6^2, 2^3\})$	5308416
24	$\mathcal{O}(2; \{12, 8^2, 6^2, 4^2\})$	21233664
24	$\mathcal{O}(2; \{12, 8^2, 6^3, 3\})$	26542080
24	$\mathcal{O}(2; \{12, 8^4, 4, 3\})$	169869312
24	$\mathcal{O}(2; \{12^2, 2^8\})$	1244160
24	$\mathcal{O}(2; \{12^2, 3^3, 2^4\})$	6220800
24	$\mathcal{O}(2; \{12^2, 3^6\})$	53498880
24	$\mathcal{O}(2; \{12^2, 4^2, 2^5\})$	4976640
24	$\mathcal{O}(2; \{12^2, 4^2, 3^3, 2\})$	24883200
24	$\mathcal{O}(2; \{12^2, 4^4, 2^2\})$	19906560
24	$\mathcal{O}(2; \{12^2, 6, 3, 2^5\})$	3732480
24	$\mathcal{O}(2; \{12^2, 6, 3^4, 2\})$	26127360
24	$\mathcal{O}(2; \{12^2, 6, 4^2, 3, 2^2\})$	14929920
24	$\mathcal{O}(2; \{12^2, 6^2, 3^2, 2^2\})$	13685760

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(2; \{12^2, 6^3, 2^3\})$	6220800
24	$\mathcal{O}(2; \{12^2, 6^3, 4^2\})$	24883200
24	$\mathcal{O}(2; \{12^2, 6^4, 3\})$	26127360
24	$\mathcal{O}(2; \{12^2, 8^2, 4, 2^3\})$	21233664
24	$\mathcal{O}(2; \{12^2, 8^2, 4^3\})$	84934656
24	$\mathcal{O}(2; \{12^2, 8^2, 6, 4, 3\})$	63700992
24	$\mathcal{O}(2; \{12^2, 8^4, 2\})$	169869312
24	$\mathcal{O}(2; \{12^3, 4, 3^2, 2^2\})$	24883200
24	$\mathcal{O}(2; \{12^3, 6, 4, 2^3\})$	14929920
24	$\mathcal{O}(2; \{12^3, 6, 4^3\})$	59719680
24	$\mathcal{O}(2; \{12^3, 6^2, 4, 3\})$	54743040
24	$\mathcal{O}(2; \{12^3, 8^2, 3^2\})$	106168320
24	$\mathcal{O}(2; \{12^3, 8^2, 6, 2\})$	63700992
24	$\mathcal{O}(2; \{12^4, 3, 2^3\})$	24883200
24	$\mathcal{O}(2; \{12^4, 4^2, 3\})$	99532800
24	$\mathcal{O}(2; \{12^4, 6, 3^2\})$	104509440
24	$\mathcal{O}(2; \{12^4, 6^2, 2\})$	54743040
24	$\mathcal{O}(2; \{12^5, 4, 2\})$	99532800
24	$\mathcal{O}(2; \{24, 8, 3^3, 2^4\})$	7962624
24	$\mathcal{O}(2; \{24, 8, 3^6\})$	55738368
24	$\mathcal{O}(2; \{24, 8, 4^2, 3^3, 2\})$	31850496
24	$\mathcal{O}(2; \{24, 8, 6, 3, 2^5\})$	2654208
24	$\mathcal{O}(2; \{24, 8, 6, 3^4, 2\})$	29196288
24	$\mathcal{O}(2; \{24, 8, 6, 4^2, 3, 2^2\})$	10616832
24	$\mathcal{O}(2; \{24, 8, 6^2, 3^2, 2^2\})$	13271040
24	$\mathcal{O}(2; \{24, 8, 6^3, 2^3\})$	7962624
24	$\mathcal{O}(2; \{24, 8, 6^3, 4^2\})$	31850496
24	$\mathcal{O}(2; \{24, 8, 6^4, 3\})$	29196288
24	$\mathcal{O}(2; \{24, 8^3, 6, 4, 3\})$	84934656
24	$\mathcal{O}(2; \{24, 12, 8, 4, 3^2, 2^2\})$	31850496
24	$\mathcal{O}(2; \{24, 12, 8, 6, 4, 2^3\})$	10616832
24	$\mathcal{O}(2; \{24, 12, 8, 6, 4^3\})$	42467328
24	$\mathcal{O}(2; \{24, 12, 8, 6^2, 4, 3\})$	53084160
24	$\mathcal{O}(2; \{24, 12, 8^3, 3^2\})$	254803968
24	$\mathcal{O}(2; \{24, 12, 8^3, 6, 2\})$	84934656
24	$\mathcal{O}(2; \{24, 12^2, 8, 3, 2^3\})$	31850496
24	$\mathcal{O}(2; \{24, 12^2, 8, 4^2, 3\})$	127401984
24	$\mathcal{O}(2; \{24, 12^2, 8, 6, 3^2\})$	116785152
24	$\mathcal{O}(2; \{24, 12^2, 8, 6^2, 2\})$	53084160
24	$\mathcal{O}(2; \{24, 12^3, 8, 4, 2\})$	127401984
24	$\mathcal{O}(2; \{24^2, 4, 3, 2^5\})$	5308416
24	$\mathcal{O}(2; \{24^2, 4, 3^4, 2\})$	58392576
24	$\mathcal{O}(2; \{24^2, 4^3, 3, 2^2\})$	21233664

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(2; \{24^2, 6, 4, 3^2, 2^2\})$	26542080
24	$\mathcal{O}(2; \{24^2, 6^2, 4, 2^3\})$	15925248
24	$\mathcal{O}(2; \{24^2, 6^2, 4^3\})$	63700992
24	$\mathcal{O}(2; \{24^2, 6^3, 4, 3\})$	58392576
24	$\mathcal{O}(2; \{24^2, 8^2, 3, 2^3\})$	42467328
24	$\mathcal{O}(2; \{24^2, 8^2, 4^2, 3\})$	169869312
24	$\mathcal{O}(2; \{24^2, 8^2, 6, 3^2\})$	212336640
24	$\mathcal{O}(2; \{24^2, 8^2, 6^2, 2\})$	127401984
24	$\mathcal{O}(2; \{24^2, 12, 2^6\})$	5308416
24	$\mathcal{O}(2; \{24^2, 12, 3^3, 2^2\})$	58392576
24	$\mathcal{O}(2; \{24^2, 12, 4^2, 2^3\})$	21233664
24	$\mathcal{O}(2; \{24^2, 12, 4^4\})$	84934656
24	$\mathcal{O}(2; \{24^2, 12, 6, 3, 2^3\})$	26542080
24	$\mathcal{O}(2; \{24^2, 12, 6, 4^2, 3\})$	106168320
24	$\mathcal{O}(2; \{24^2, 12, 6^2, 3^2\})$	111476736
24	$\mathcal{O}(2; \{24^2, 12, 6^3, 2\})$	58392576
24	$\mathcal{O}(2; \{24^2, 12, 8^2, 4, 2\})$	169869312
24	$\mathcal{O}(2; \{24^2, 12^2, 4, 3^2\})$	233570304
24	$\mathcal{O}(2; \{24^2, 12^2, 6, 4, 2\})$	106168320
24	$\mathcal{O}(2; \{24^2, 12^3, 3, 2\})$	233570304
24	$\mathcal{O}(2; \{24^3, 8, 4, 3^2\})$	424673280
24	$\mathcal{O}(2; \{24^3, 8, 6, 4, 2\})$	254803968
24	$\mathcal{O}(2; \{24^3, 12, 8, 3, 2\})$	424673280
24	$\mathcal{O}(2; \{24^4, 2^4\})$	127401984
24	$\mathcal{O}(2; \{24^4, 3^3\})$	891813888
24	$\mathcal{O}(2; \{24^4, 4^2, 2\})$	509607936
24	$\mathcal{O}(2; \{24^4, 6, 3, 2\})$	467140608
24	$\mathcal{O}(1; \{4^2, 3^2, 2^{10}\})$	1728
24	$\mathcal{O}(1; \{4^2, 3^5, 2^6\})$	8640
24	$\mathcal{O}(1; \{4^2, 3^8, 2^2\})$	74304
24	$\mathcal{O}(1; \{4^4, 3^2, 2^7\})$	6912
24	$\mathcal{O}(1; \{4^4, 3^5, 2^3\})$	34560
24	$\mathcal{O}(1; \{4^6, 3^2, 2^4\})$	27648
24	$\mathcal{O}(1; \{4^6, 3^5\})$	138240
24	$\mathcal{O}(1; \{4^8, 3^2, 2\})$	110592
24	$\mathcal{O}(1; \{6, 4^2, 3^3, 2^7\})$	5184
24	$\mathcal{O}(1; \{6, 4^2, 3^6, 2^3\})$	36288
24	$\mathcal{O}(1; \{6, 4^4, 3^3, 2^4\})$	20736
24	$\mathcal{O}(1; \{6, 4^4, 3^6\})$	145152
24	$\mathcal{O}(1; \{6, 4^6, 3^3, 2\})$	82944
24	$\mathcal{O}(1; \{6^2, 4^2, 3, 2^8\})$	1728
24	$\mathcal{O}(1; \{6^2, 4^2, 3^4, 2^4\})$	19008
24	$\mathcal{O}(1; \{6^2, 4^2, 3^7\})$	146880

Continued on next page

Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{6^2, 4^4, 3, 2^5\})$	6912
24	$\mathcal{O}(1; \{6^2, 4^4, 3^4, 2\})$	76032
24	$\mathcal{O}(1; \{6^2, 4^6, 3, 2^2\})$	27648
24	$\mathcal{O}(1; \{6^3, 4^2, 3^2, 2^5\})$	8640
24	$\mathcal{O}(1; \{6^3, 4^2, 3^5, 2\})$	74304
24	$\mathcal{O}(1; \{6^3, 4^4, 3^2, 2^2\})$	34560
24	$\mathcal{O}(1; \{6^4, 4^2, 2^6\})$	5184
24	$\mathcal{O}(1; \{6^4, 4^2, 3^3, 2^2\})$	36288
24	$\mathcal{O}(1; \{6^4, 4^4, 2^3\})$	20736
24	$\mathcal{O}(1; \{6^4, 4^6\})$	82944
24	$\mathcal{O}(1; \{6^5, 4^2, 3, 2^3\})$	19008
24	$\mathcal{O}(1; \{6^5, 4^4, 3\})$	76032
24	$\mathcal{O}(1; \{6^6, 4^2, 3^2\})$	74304
24	$\mathcal{O}(1; \{6^7, 4^2, 2\})$	36288
24	$\mathcal{O}(1; \{8^2, 4, 3^2, 2^8\})$	9216
24	$\mathcal{O}(1; \{8^2, 4, 3^5, 2^4\})$	46080
24	$\mathcal{O}(1; \{8^2, 4, 3^8\})$	396288
24	$\mathcal{O}(1; \{8^2, 4^3, 3^2, 2^5\})$	36864
24	$\mathcal{O}(1; \{8^2, 4^3, 3^5, 2\})$	184320
24	$\mathcal{O}(1; \{8^2, 4^5, 3^2, 2^2\})$	147456
24	$\mathcal{O}(1; \{8^2, 6, 4, 3^3, 2^5\})$	27648
24	$\mathcal{O}(1; \{8^2, 6, 4, 3^6, 2\})$	193536
24	$\mathcal{O}(1; \{8^2, 6, 4^3, 3^3, 2^2\})$	110592
24	$\mathcal{O}(1; \{8^2, 6^2, 4, 3, 2^6\})$	9216
24	$\mathcal{O}(1; \{8^2, 6^2, 4, 3^4, 2^2\})$	101376
24	$\mathcal{O}(1; \{8^2, 6^2, 4^3, 3, 2^3\})$	36864
24	$\mathcal{O}(1; \{8^2, 6^2, 4^5, 3\})$	147456
24	$\mathcal{O}(1; \{8^2, 6^3, 4, 3^2, 2^3\})$	46080
24	$\mathcal{O}(1; \{8^2, 6^3, 4^3, 3^2\})$	184320
24	$\mathcal{O}(1; \{8^2, 6^4, 4, 2^4\})$	27648
24	$\mathcal{O}(1; \{8^2, 6^4, 4, 3^3\})$	193536
24	$\mathcal{O}(1; \{8^2, 6^4, 4^3, 2\})$	110592
24	$\mathcal{O}(1; \{8^2, 6^5, 4, 3, 2\})$	101376
24	$\mathcal{O}(1; \{8^4, 3^2, 2^6\})$	73728
24	$\mathcal{O}(1; \{8^4, 3^5, 2^2\})$	368640
24	$\mathcal{O}(1; \{8^4, 4^2, 3^2, 2^3\})$	294912
24	$\mathcal{O}(1; \{8^4, 4^4, 3^2\})$	1179648
24	$\mathcal{O}(1; \{8^4, 6, 3^3, 2^3\})$	221184
24	$\mathcal{O}(1; \{8^4, 6, 4^2, 3^3\})$	884736
24	$\mathcal{O}(1; \{8^4, 6^2, 3, 2^4\})$	73728
24	$\mathcal{O}(1; \{8^4, 6^2, 3^4\})$	811008
24	$\mathcal{O}(1; \{8^4, 6^2, 4^2, 3, 2\})$	294912
24	$\mathcal{O}(1; \{8^4, 6^3, 3^2, 2\})$	368640

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{8^4, 6^4, 2^2\})$	221184
24	$\mathcal{O}(1; \{8^6, 4, 3^2, 2\})$	2359296
24	$\mathcal{O}(1; \{12, 4, 3, 2^{11}\})$	1728
24	$\mathcal{O}(1; \{12, 4, 3^4, 2^7\})$	8640
24	$\mathcal{O}(1; \{12, 4, 3^7, 2^3\})$	74304
24	$\mathcal{O}(1; \{12, 4^3, 3, 2^8\})$	6912
24	$\mathcal{O}(1; \{12, 4^3, 3^4, 2^4\})$	34560
24	$\mathcal{O}(1; \{12, 4^3, 3^7\})$	297216
24	$\mathcal{O}(1; \{12, 4^5, 3, 2^5\})$	27648
24	$\mathcal{O}(1; \{12, 4^5, 3^4, 2\})$	138240
24	$\mathcal{O}(1; \{12, 4^7, 3, 2^2\})$	110592
24	$\mathcal{O}(1; \{12, 6, 4, 3^2, 2^8\})$	5184
24	$\mathcal{O}(1; \{12, 6, 4, 3^5, 2^4\})$	36288
24	$\mathcal{O}(1; \{12, 6, 4, 3^8\})$	295488
24	$\mathcal{O}(1; \{12, 6, 4^3, 3^2, 2^5\})$	20736
24	$\mathcal{O}(1; \{12, 6, 4^3, 3^5, 2\})$	145152
24	$\mathcal{O}(1; \{12, 6, 4^5, 3^2, 2^2\})$	82944
24	$\mathcal{O}(1; \{12, 6^2, 4, 2^9\})$	1728
24	$\mathcal{O}(1; \{12, 6^2, 4, 3^3, 2^5\})$	19008
24	$\mathcal{O}(1; \{12, 6^2, 4, 3^6, 2\})$	146880
24	$\mathcal{O}(1; \{12, 6^2, 4^3, 2^6\})$	6912
24	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^3, 2^2\})$	76032
24	$\mathcal{O}(1; \{12, 6^2, 4^5, 2^3\})$	27648
24	$\mathcal{O}(1; \{12, 6^2, 4^7\})$	110592
24	$\mathcal{O}(1; \{12, 6^3, 4, 3, 2^6\})$	8640
24	$\mathcal{O}(1; \{12, 6^3, 4, 3^4, 2^2\})$	74304
24	$\mathcal{O}(1; \{12, 6^3, 4^3, 3, 2^3\})$	34560
24	$\mathcal{O}(1; \{12, 6^3, 4^5, 3\})$	138240
24	$\mathcal{O}(1; \{12, 6^4, 4, 3^2, 2^3\})$	36288
24	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^2\})$	145152
24	$\mathcal{O}(1; \{12, 6^5, 4, 2^4\})$	19008
24	$\mathcal{O}(1; \{12, 6^5, 4, 3^3\})$	146880
24	$\mathcal{O}(1; \{12, 6^5, 4^3, 2\})$	76032
24	$\mathcal{O}(1; \{12, 6^6, 4, 3, 2\})$	74304
24	$\mathcal{O}(1; \{12, 8^2, 3, 2^9\})$	9216
24	$\mathcal{O}(1; \{12, 8^2, 3^4, 2^5\})$	46080
24	$\mathcal{O}(1; \{12, 8^2, 3^7, 2\})$	396288
24	$\mathcal{O}(1; \{12, 8^2, 4^2, 3, 2^6\})$	36864
24	$\mathcal{O}(1; \{12, 8^2, 4^2, 3^4, 2^2\})$	184320
24	$\mathcal{O}(1; \{12, 8^2, 4^4, 3, 2^3\})$	147456
24	$\mathcal{O}(1; \{12, 8^2, 4^6, 3\})$	589824
24	$\mathcal{O}(1; \{12, 8^2, 6, 3^2, 2^6\})$	27648
24	$\mathcal{O}(1; \{12, 8^2, 6, 3^5, 2^2\})$	193536

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{12, 8^2, 6, 4^2, 3^2, 2^3\})$	110592
24	$\mathcal{O}(1; \{12, 8^2, 6, 4^4, 3^2\})$	442368
24	$\mathcal{O}(1; \{12, 8^2, 6^2, 2^7\})$	9216
24	$\mathcal{O}(1; \{12, 8^2, 6^2, 3^3, 2^3\})$	101376
24	$\mathcal{O}(1; \{12, 8^2, 6^2, 4^2, 2^4\})$	36864
24	$\mathcal{O}(1; \{12, 8^2, 6^2, 4^2, 3^3\})$	405504
24	$\mathcal{O}(1; \{12, 8^2, 6^2, 4^4, 2\})$	147456
24	$\mathcal{O}(1; \{12, 8^2, 6^3, 3, 2^4\})$	46080
24	$\mathcal{O}(1; \{12, 8^2, 6^3, 3^4\})$	396288
24	$\mathcal{O}(1; \{12, 8^2, 6^3, 4^2, 3, 2\})$	184320
24	$\mathcal{O}(1; \{12, 8^2, 6^4, 3^2, 2\})$	193536
24	$\mathcal{O}(1; \{12, 8^2, 6^5, 2^2\})$	101376
24	$\mathcal{O}(1; \{12, 8^4, 4, 3, 2^4\})$	294912
24	$\mathcal{O}(1; \{12, 8^4, 4, 3^4\})$	1474560
24	$\mathcal{O}(1; \{12, 8^4, 4^3, 3, 2\})$	1179648
24	$\mathcal{O}(1; \{12, 8^4, 6, 4, 3^2, 2\})$	884736
24	$\mathcal{O}(1; \{12, 8^4, 6^2, 4, 2^2\})$	294912
24	$\mathcal{O}(1; \{12, 8^6, 3, 2^2\})$	2359296
24	$\mathcal{O}(1; \{12, 8^6, 6^2\})$	2359296
24	$\mathcal{O}(1; \{12^2, 2^{12}\})$	1728
24	$\mathcal{O}(1; \{12^2, 3^3, 2^8\})$	8640
24	$\mathcal{O}(1; \{12^2, 3^6, 2^4\})$	74304
24	$\mathcal{O}(1; \{12^2, 3^9\})$	589248
24	$\mathcal{O}(1; \{12^2, 4^2, 2^9\})$	6912
24	$\mathcal{O}(1; \{12^2, 4^2, 3^3, 2^5\})$	34560
24	$\mathcal{O}(1; \{12^2, 4^2, 3^6, 2\})$	297216
24	$\mathcal{O}(1; \{12^2, 4^4, 2^6\})$	27648
24	$\mathcal{O}(1; \{12^2, 4^4, 3^3, 2^2\})$	138240
24	$\mathcal{O}(1; \{12^2, 4^6, 2^3\})$	110592
24	$\mathcal{O}(1; \{12^2, 4^8\})$	442368
24	$\mathcal{O}(1; \{12^2, 6, 3, 2^9\})$	5184
24	$\mathcal{O}(1; \{12^2, 6, 3^4, 2^5\})$	36288
24	$\mathcal{O}(1; \{12^2, 6, 3^7, 2\})$	295488
24	$\mathcal{O}(1; \{12^2, 6, 4^2, 3, 2^6\})$	20736
24	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^4, 2^2\})$	145152
24	$\mathcal{O}(1; \{12^2, 6, 4^4, 3, 2^3\})$	82944
24	$\mathcal{O}(1; \{12^2, 6, 4^6, 3\})$	331776
24	$\mathcal{O}(1; \{12^2, 6^2, 3^2, 2^6\})$	19008
24	$\mathcal{O}(1; \{12^2, 6^2, 3^5, 2^2\})$	146880
24	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^2, 2^3\})$	76032
24	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^2\})$	304128
24	$\mathcal{O}(1; \{12^2, 6^3, 2^7\})$	8640
24	$\mathcal{O}(1; \{12^2, 6^3, 3^3, 2^3\})$	74304

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 2^4\})$	34560
24	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^3\})$	297216
24	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 2\})$	138240
24	$\mathcal{O}(1; \{12^2, 6^4, 3, 2^4\})$	36288
24	$\mathcal{O}(1; \{12^2, 6^4, 3^4\})$	295488
24	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3, 2\})$	145152
24	$\mathcal{O}(1; \{12^2, 6^5, 3^2, 2\})$	146880
24	$\mathcal{O}(1; \{12^2, 6^6, 2^2\})$	74304
24	$\mathcal{O}(1; \{12^2, 8^2, 4, 2^7\})$	36864
24	$\mathcal{O}(1; \{12^2, 8^2, 4, 3^3, 2^3\})$	184320
24	$\mathcal{O}(1; \{12^2, 8^2, 4^3, 2^4\})$	147456
24	$\mathcal{O}(1; \{12^2, 8^2, 4^3, 3^3\})$	737280
24	$\mathcal{O}(1; \{12^2, 8^2, 4^5, 2\})$	589824
24	$\mathcal{O}(1; \{12^2, 8^2, 6, 4, 3, 2^4\})$	110592
24	$\mathcal{O}(1; \{12^2, 8^2, 6, 4, 3^4\})$	774144
24	$\mathcal{O}(1; \{12^2, 8^2, 6, 4^3, 3, 2\})$	442368
24	$\mathcal{O}(1; \{12^2, 8^2, 6^2, 4, 3^2, 2\})$	405504
24	$\mathcal{O}(1; \{12^2, 8^2, 6^3, 4, 2^2\})$	184320
24	$\mathcal{O}(1; \{12^2, 8^4, 2^5\})$	294912
24	$\mathcal{O}(1; \{12^2, 8^4, 3^3, 2\})$	1474560
24	$\mathcal{O}(1; \{12^2, 8^4, 4^2, 2^2\})$	1179648
24	$\mathcal{O}(1; \{12^2, 8^4, 6, 3, 2^2\})$	884736
24	$\mathcal{O}(1; \{12^2, 8^4, 6^3\})$	1474560
24	$\mathcal{O}(1; \{12^2, 8^6, 4\})$	9437184
24	$\mathcal{O}(1; \{12^3, 4, 3^2, 2^6\})$	34560
24	$\mathcal{O}(1; \{12^3, 4, 3^5, 2^2\})$	297216
24	$\mathcal{O}(1; \{12^3, 4^3, 3^2, 2^3\})$	138240
24	$\mathcal{O}(1; \{12^3, 4^5, 3^2\})$	552960
24	$\mathcal{O}(1; \{12^3, 6, 4, 2^7\})$	20736
24	$\mathcal{O}(1; \{12^3, 6, 4, 3^3, 2^3\})$	145152
24	$\mathcal{O}(1; \{12^3, 6, 4^3, 2^4\})$	82944
24	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^3\})$	580608
24	$\mathcal{O}(1; \{12^3, 6, 4^5, 2\})$	331776
24	$\mathcal{O}(1; \{12^3, 6^2, 4, 3, 2^4\})$	76032
24	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^4\})$	587520
24	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3, 2\})$	304128
24	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^2, 2\})$	297216
24	$\mathcal{O}(1; \{12^3, 6^4, 4, 2^2\})$	145152
24	$\mathcal{O}(1; \{12^3, 8^2, 3^2, 2^4\})$	184320
24	$\mathcal{O}(1; \{12^3, 8^2, 3^5\})$	1585152
24	$\mathcal{O}(1; \{12^3, 8^2, 4^2, 3^2, 2\})$	737280
24	$\mathcal{O}(1; \{12^3, 8^2, 6, 2^5\})$	110592
24	$\mathcal{O}(1; \{12^3, 8^2, 6, 3^3, 2\})$	774144

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{12^3, 8^2, 6, 4^2, 2^2\})$	442368
24	$\mathcal{O}(1; \{12^3, 8^2, 6^2, 3, 2^2\})$	405504
24	$\mathcal{O}(1; \{12^3, 8^2, 6^4\})$	774144
24	$\mathcal{O}(1; \{12^3, 8^4, 6, 4\})$	3538944
24	$\mathcal{O}(1; \{12^4, 3, 2^7\})$	34560
24	$\mathcal{O}(1; \{12^4, 3^4, 2^3\})$	297216
24	$\mathcal{O}(1; \{12^4, 4^2, 3, 2^4\})$	138240
24	$\mathcal{O}(1; \{12^4, 4^2, 3^4\})$	1188864
24	$\mathcal{O}(1; \{12^4, 4^4, 3, 2\})$	552960
24	$\mathcal{O}(1; \{12^4, 6, 3^2, 2^4\})$	145152
24	$\mathcal{O}(1; \{12^4, 6, 3^5\})$	1181952
24	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^2, 2\})$	580608
24	$\mathcal{O}(1; \{12^4, 6^2, 2^5\})$	76032
24	$\mathcal{O}(1; \{12^4, 6^2, 3^3, 2\})$	587520
24	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 2^2\})$	304128
24	$\mathcal{O}(1; \{12^4, 6^3, 3, 2^2\})$	297216
24	$\mathcal{O}(1; \{12^4, 6^5\})$	587520
24	$\mathcal{O}(1; \{12^4, 8^2, 4, 3, 2^2\})$	737280
24	$\mathcal{O}(1; \{12^4, 8^2, 6^2, 4\})$	1622016
24	$\mathcal{O}(1; \{12^4, 8^4, 3\})$	5898240
24	$\mathcal{O}(1; \{12^5, 4, 2^5\})$	138240
24	$\mathcal{O}(1; \{12^5, 4, 3^3, 2\})$	1188864
24	$\mathcal{O}(1; \{12^5, 4^3, 2^2\})$	552960
24	$\mathcal{O}(1; \{12^5, 6, 4, 3, 2^2\})$	580608
24	$\mathcal{O}(1; \{12^5, 6^3, 4\})$	1188864
24	$\mathcal{O}(1; \{12^5, 8^2, 2^3\})$	737280
24	$\mathcal{O}(1; \{12^5, 8^2, 4^2\})$	2949120
24	$\mathcal{O}(1; \{12^5, 8^2, 6, 3\})$	3096576
24	$\mathcal{O}(1; \{12^6, 3^2, 2^2\})$	1188864
24	$\mathcal{O}(1; \{12^6, 6, 2^3\})$	580608
24	$\mathcal{O}(1; \{12^6, 6, 4^2\})$	2322432
24	$\mathcal{O}(1; \{12^6, 6^2, 3\})$	2350080
24	$\mathcal{O}(1; \{12^7, 4, 3\})$	4755456
24	$\mathcal{O}(1; \{12^8, 2\})$	4755456
24	$\mathcal{O}(1; \{24, 8, 3^3, 2^8\})$	13824
24	$\mathcal{O}(1; \{24, 8, 3^6, 2^4\})$	96768
24	$\mathcal{O}(1; \{24, 8, 3^9\})$	787968
24	$\mathcal{O}(1; \{24, 8, 4^2, 3^3, 2^5\})$	55296
24	$\mathcal{O}(1; \{24, 8, 4^2, 3^6, 2\})$	387072
24	$\mathcal{O}(1; \{24, 8, 4^4, 3^3, 2^2\})$	221184
24	$\mathcal{O}(1; \{24, 8, 6, 3, 2^9\})$	4608
24	$\mathcal{O}(1; \{24, 8, 6, 3^4, 2^5\})$	50688
24	$\mathcal{O}(1; \{24, 8, 6, 3^7, 2\})$	391680

Continued on next page

Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24, 8, 6, 4^2, 3, 2^6\})$	18432
24	$\mathcal{O}(1; \{24, 8, 6, 4^2, 3^4, 2^2\})$	202752
24	$\mathcal{O}(1; \{24, 8, 6, 4^4, 3, 2^3\})$	73728
24	$\mathcal{O}(1; \{24, 8, 6, 4^6, 3\})$	294912
24	$\mathcal{O}(1; \{24, 8, 6^2, 3^2, 2^6\})$	23040
24	$\mathcal{O}(1; \{24, 8, 6^2, 3^5, 2^2\})$	198144
24	$\mathcal{O}(1; \{24, 8, 6^2, 4^2, 3^2, 2^3\})$	92160
24	$\mathcal{O}(1; \{24, 8, 6^2, 4^4, 3^2\})$	368640
24	$\mathcal{O}(1; \{24, 8, 6^3, 2^7\})$	13824
24	$\mathcal{O}(1; \{24, 8, 6^3, 3^3, 2^3\})$	96768
24	$\mathcal{O}(1; \{24, 8, 6^3, 4^2, 2^4\})$	55296
24	$\mathcal{O}(1; \{24, 8, 6^3, 4^2, 3^3\})$	387072
24	$\mathcal{O}(1; \{24, 8, 6^3, 4^4, 2\})$	221184
24	$\mathcal{O}(1; \{24, 8, 6^4, 3, 2^4\})$	50688
24	$\mathcal{O}(1; \{24, 8, 6^4, 3^4\})$	391680
24	$\mathcal{O}(1; \{24, 8, 6^4, 4^2, 3, 2\})$	202752
24	$\mathcal{O}(1; \{24, 8, 6^5, 3^2, 2\})$	198144
24	$\mathcal{O}(1; \{24, 8, 6^6, 2^2\})$	96768
24	$\mathcal{O}(1; \{24, 8^3, 4, 3^3, 2^3\})$	442368
24	$\mathcal{O}(1; \{24, 8^3, 4^3, 3^3\})$	1769472
24	$\mathcal{O}(1; \{24, 8^3, 6, 4, 3, 2^4\})$	147456
24	$\mathcal{O}(1; \{24, 8^3, 6, 4, 3^4\})$	1622016
24	$\mathcal{O}(1; \{24, 8^3, 6, 4^3, 3, 2\})$	589824
24	$\mathcal{O}(1; \{24, 8^3, 6^2, 4, 3^2, 2\})$	737280
24	$\mathcal{O}(1; \{24, 8^3, 6^3, 4, 2^2\})$	442368
24	$\mathcal{O}(1; \{24, 8^5, 3^3, 2\})$	3538944
24	$\mathcal{O}(1; \{24, 8^5, 6, 3, 2^2\})$	1179648
24	$\mathcal{O}(1; \{24, 8^5, 6^3\})$	3538944
24	$\mathcal{O}(1; \{24, 12, 8, 4, 3^2, 2^6\})$	55296
24	$\mathcal{O}(1; \{24, 12, 8, 4, 3^5, 2^2\})$	387072
24	$\mathcal{O}(1; \{24, 12, 8, 4^3, 3^2, 2^3\})$	221184
24	$\mathcal{O}(1; \{24, 12, 8, 4^5, 3^2\})$	884736
24	$\mathcal{O}(1; \{24, 12, 8, 6, 4, 2^7\})$	18432
24	$\mathcal{O}(1; \{24, 12, 8, 6, 4, 3^3, 2^3\})$	202752
24	$\mathcal{O}(1; \{24, 12, 8, 6, 4^3, 2^4\})$	73728
24	$\mathcal{O}(1; \{24, 12, 8, 6, 4^3, 3^3\})$	811008
24	$\mathcal{O}(1; \{24, 12, 8, 6, 4^5, 2\})$	294912
24	$\mathcal{O}(1; \{24, 12, 8, 6^2, 4, 3, 2^4\})$	92160
24	$\mathcal{O}(1; \{24, 12, 8, 6^2, 4, 3^4\})$	792576
24	$\mathcal{O}(1; \{24, 12, 8, 6^2, 4^3, 3, 2\})$	368640
24	$\mathcal{O}(1; \{24, 12, 8, 6^3, 4, 3^2, 2\})$	387072
24	$\mathcal{O}(1; \{24, 12, 8, 6^4, 4, 2^2\})$	202752
24	$\mathcal{O}(1; \{24, 12, 8^3, 3^2, 2^4\})$	442368

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24, 12, 8^3, 3^5\})$	3096576
24	$\mathcal{O}(1; \{24, 12, 8^3, 4^2, 3^2, 2\})$	1769472
24	$\mathcal{O}(1; \{24, 12, 8^3, 6, 2^5\})$	147456
24	$\mathcal{O}(1; \{24, 12, 8^3, 6, 3^3, 2\})$	1622016
24	$\mathcal{O}(1; \{24, 12, 8^3, 6, 4^2, 2^2\})$	589824
24	$\mathcal{O}(1; \{24, 12, 8^3, 6^2, 3, 2^2\})$	737280
24	$\mathcal{O}(1; \{24, 12, 8^3, 6^4\})$	1622016
24	$\mathcal{O}(1; \{24, 12, 8^5, 6, 4\})$	4718592
24	$\mathcal{O}(1; \{24, 12^2, 8, 3, 2^7\})$	55296
24	$\mathcal{O}(1; \{24, 12^2, 8, 3^4, 2^3\})$	387072
24	$\mathcal{O}(1; \{24, 12^2, 8, 4^2, 3, 2^4\})$	221184
24	$\mathcal{O}(1; \{24, 12^2, 8, 4^2, 3^4\})$	1548288
24	$\mathcal{O}(1; \{24, 12^2, 8, 4^4, 3, 2\})$	884736
24	$\mathcal{O}(1; \{24, 12^2, 8, 6, 3^2, 2^4\})$	202752
24	$\mathcal{O}(1; \{24, 12^2, 8, 6, 3^5\})$	1566720
24	$\mathcal{O}(1; \{24, 12^2, 8, 6, 4^2, 3^2, 2\})$	811008
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^2, 2^5\})$	92160
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^2, 3^3, 2\})$	792576
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^2, 4^2, 2^2\})$	368640
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^3, 3, 2^2\})$	387072
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^5\})$	792576
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 4, 3, 2^2\})$	1769472
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 6^2, 4\})$	2949120
24	$\mathcal{O}(1; \{24, 12^2, 8^5, 3\})$	14155776
24	$\mathcal{O}(1; \{24, 12^3, 8, 4, 2^5\})$	221184
24	$\mathcal{O}(1; \{24, 12^3, 8, 4, 3^3, 2\})$	1548288
24	$\mathcal{O}(1; \{24, 12^3, 8, 4^3, 2^2\})$	884736
24	$\mathcal{O}(1; \{24, 12^3, 8, 6, 4, 3, 2^2\})$	811008
24	$\mathcal{O}(1; \{24, 12^3, 8, 6^3, 4\})$	1548288
24	$\mathcal{O}(1; \{24, 12^3, 8^3, 2^3\})$	1769472
24	$\mathcal{O}(1; \{24, 12^3, 8^3, 4^2\})$	7077888
24	$\mathcal{O}(1; \{24, 12^3, 8^3, 6, 3\})$	6488064
24	$\mathcal{O}(1; \{24, 12^4, 8, 3^2, 2^2\})$	1548288
24	$\mathcal{O}(1; \{24, 12^4, 8, 6, 2^3\})$	811008
24	$\mathcal{O}(1; \{24, 12^4, 8, 6, 4^2\})$	3244032
24	$\mathcal{O}(1; \{24, 12^4, 8, 6^2, 3\})$	3170304
24	$\mathcal{O}(1; \{24, 12^5, 8, 4, 3\})$	6193152
24	$\mathcal{O}(1; \{24, 12^6, 8, 2\})$	6193152
24	$\mathcal{O}(1; \{24^2, 4, 3, 2^9\})$	9216
24	$\mathcal{O}(1; \{24^2, 4, 3^4, 2^5\})$	101376
24	$\mathcal{O}(1; \{24^2, 4, 3^7, 2\})$	783360
24	$\mathcal{O}(1; \{24^2, 4^3, 3, 2^6\})$	36864
24	$\mathcal{O}(1; \{24^2, 4^3, 3^4, 2^2\})$	405504

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^2, 4^5, 3, 2^3\})$	147456
24	$\mathcal{O}(1; \{24^2, 4^7, 3\})$	589824
24	$\mathcal{O}(1; \{24^2, 6, 4, 3^2, 2^6\})$	46080
24	$\mathcal{O}(1; \{24^2, 6, 4, 3^5, 2^2\})$	396288
24	$\mathcal{O}(1; \{24^2, 6, 4^3, 3^2, 2^3\})$	184320
24	$\mathcal{O}(1; \{24^2, 6, 4^5, 3^2\})$	737280
24	$\mathcal{O}(1; \{24^2, 6^2, 4, 2^7\})$	27648
24	$\mathcal{O}(1; \{24^2, 6^2, 4, 3^3, 2^3\})$	193536
24	$\mathcal{O}(1; \{24^2, 6^2, 4^3, 2^4\})$	110592
24	$\mathcal{O}(1; \{24^2, 6^2, 4^3, 3^3\})$	774144
24	$\mathcal{O}(1; \{24^2, 6^2, 4^5, 2\})$	442368
24	$\mathcal{O}(1; \{24^2, 6^3, 4, 3, 2^4\})$	101376
24	$\mathcal{O}(1; \{24^2, 6^3, 4, 3^4\})$	783360
24	$\mathcal{O}(1; \{24^2, 6^3, 4^3, 3, 2\})$	405504
24	$\mathcal{O}(1; \{24^2, 6^4, 4, 3^2, 2\})$	396288
24	$\mathcal{O}(1; \{24^2, 6^5, 4, 2^2\})$	193536
24	$\mathcal{O}(1; \{24^2, 8^2, 3, 2^7\})$	73728
24	$\mathcal{O}(1; \{24^2, 8^2, 3^4, 2^3\})$	811008
24	$\mathcal{O}(1; \{24^2, 8^2, 4^2, 3, 2^4\})$	294912
24	$\mathcal{O}(1; \{24^2, 8^2, 4^2, 3^4\})$	3244032
24	$\mathcal{O}(1; \{24^2, 8^2, 4^4, 3, 2\})$	1179648
24	$\mathcal{O}(1; \{24^2, 8^2, 6, 3^2, 2^4\})$	368640
24	$\mathcal{O}(1; \{24^2, 8^2, 6, 3^5\})$	3170304
24	$\mathcal{O}(1; \{24^2, 8^2, 6, 4^2, 3^2, 2\})$	1474560
24	$\mathcal{O}(1; \{24^2, 8^2, 6^2, 2^5\})$	221184
24	$\mathcal{O}(1; \{24^2, 8^2, 6^2, 3^3, 2\})$	1548288
24	$\mathcal{O}(1; \{24^2, 8^2, 6^2, 4^2, 2^2\})$	884736
24	$\mathcal{O}(1; \{24^2, 8^2, 6^3, 3, 2^2\})$	811008
24	$\mathcal{O}(1; \{24^2, 8^2, 6^5\})$	1548288
24	$\mathcal{O}(1; \{24^2, 8^4, 4, 3, 2^2\})$	2359296
24	$\mathcal{O}(1; \{24^2, 8^4, 6^2, 4\})$	7077888
24	$\mathcal{O}(1; \{24^2, 8^6, 3\})$	18874368
24	$\mathcal{O}(1; \{24^2, 12, 2^{10}\})$	9216
24	$\mathcal{O}(1; \{24^2, 12, 3^3, 2^6\})$	101376
24	$\mathcal{O}(1; \{24^2, 12, 3^6, 2^2\})$	783360
24	$\mathcal{O}(1; \{24^2, 12, 4^2, 2^7\})$	36864
24	$\mathcal{O}(1; \{24^2, 12, 4^2, 3^3, 2^3\})$	405504
24	$\mathcal{O}(1; \{24^2, 12, 4^4, 2^4\})$	147456
24	$\mathcal{O}(1; \{24^2, 12, 4^4, 3^3\})$	1622016
24	$\mathcal{O}(1; \{24^2, 12, 4^6, 2\})$	589824
24	$\mathcal{O}(1; \{24^2, 12, 6, 3, 2^7\})$	46080
24	$\mathcal{O}(1; \{24^2, 12, 6, 3^4, 2^3\})$	396288
24	$\mathcal{O}(1; \{24^2, 12, 6, 4^2, 3, 2^4\})$	184320

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^2, 12, 6, 4^2, 3^4\})$	1585152
24	$\mathcal{O}(1; \{24^2, 12, 6, 4^4, 3, 2\})$	737280
24	$\mathcal{O}(1; \{24^2, 12, 6^2, 3^2, 2^4\})$	193536
24	$\mathcal{O}(1; \{24^2, 12, 6^2, 3^5\})$	1575936
24	$\mathcal{O}(1; \{24^2, 12, 6^2, 4^2, 3^2, 2\})$	774144
24	$\mathcal{O}(1; \{24^2, 12, 6^3, 2^5\})$	101376
24	$\mathcal{O}(1; \{24^2, 12, 6^3, 3^3, 2\})$	783360
24	$\mathcal{O}(1; \{24^2, 12, 6^3, 4^2, 2^2\})$	405504
24	$\mathcal{O}(1; \{24^2, 12, 6^4, 3, 2^2\})$	396288
24	$\mathcal{O}(1; \{24^2, 12, 6^6\})$	783360
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 4, 2^5\})$	294912
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 4, 3^3, 2\})$	3244032
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 4^3, 2^2\})$	1179648
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6, 4, 3, 2^2\})$	1474560
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6^3, 4\})$	3244032
24	$\mathcal{O}(1; \{24^2, 12, 8^4, 2^3\})$	2359296
24	$\mathcal{O}(1; \{24^2, 12, 8^4, 4^2\})$	9437184
24	$\mathcal{O}(1; \{24^2, 12, 8^4, 6, 3\})$	11796480
24	$\mathcal{O}(1; \{24^2, 12^2, 4, 3^2, 2^4\})$	405504
24	$\mathcal{O}(1; \{24^2, 12^2, 4, 3^5\})$	3133440
24	$\mathcal{O}(1; \{24^2, 12^2, 4^3, 3^2, 2\})$	1622016
24	$\mathcal{O}(1; \{24^2, 12^2, 6, 4, 2^5\})$	184320
24	$\mathcal{O}(1; \{24^2, 12^2, 6, 4, 3^3, 2\})$	1585152
24	$\mathcal{O}(1; \{24^2, 12^2, 6, 4^3, 2^2\})$	737280
24	$\mathcal{O}(1; \{24^2, 12^2, 6^2, 4, 3, 2^2\})$	774144
24	$\mathcal{O}(1; \{24^2, 12^2, 6^4, 4\})$	1585152
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 3^2, 2^2\})$	3244032
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 6, 2^3\})$	1474560
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 6, 4^2\})$	5898240
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 6^2, 3\})$	6193152
24	$\mathcal{O}(1; \{24^2, 12^3, 3, 2^5\})$	405504
24	$\mathcal{O}(1; \{24^2, 12^3, 3^4, 2\})$	3133440
24	$\mathcal{O}(1; \{24^2, 12^3, 4^2, 3, 2^2\})$	1622016
24	$\mathcal{O}(1; \{24^2, 12^3, 6, 3^2, 2^2\})$	1585152
24	$\mathcal{O}(1; \{24^2, 12^3, 6^2, 2^3\})$	774144
24	$\mathcal{O}(1; \{24^2, 12^3, 6^2, 4^2\})$	3096576
24	$\mathcal{O}(1; \{24^2, 12^3, 6^3, 3\})$	3133440
24	$\mathcal{O}(1; \{24^2, 12^3, 8^2, 4, 3\})$	12976128
24	$\mathcal{O}(1; \{24^2, 12^4, 4, 2^3\})$	1622016
24	$\mathcal{O}(1; \{24^2, 12^4, 4^3\})$	6488064
24	$\mathcal{O}(1; \{24^2, 12^4, 6, 4, 3\})$	6340608
24	$\mathcal{O}(1; \{24^2, 12^4, 8^2, 2\})$	12976128
24	$\mathcal{O}(1; \{24^2, 12^5, 3^2\})$	12533760

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^2, 12^5, 6, 2\})$	6340608
24	$\mathcal{O}(1; \{24^3, 8, 4, 3^2, 2^4\})$	737280
24	$\mathcal{O}(1; \{24^3, 8, 4, 3^5\})$	6340608
24	$\mathcal{O}(1; \{24^3, 8, 4^3, 3^2, 2\})$	2949120
24	$\mathcal{O}(1; \{24^3, 8, 6, 4, 2^5\})$	442368
24	$\mathcal{O}(1; \{24^3, 8, 6, 4, 3^3, 2\})$	3096576
24	$\mathcal{O}(1; \{24^3, 8, 6, 4^3, 2^2\})$	1769472
24	$\mathcal{O}(1; \{24^3, 8, 6^2, 4, 3, 2^2\})$	1622016
24	$\mathcal{O}(1; \{24^3, 8, 6^4, 4\})$	3096576
24	$\mathcal{O}(1; \{24^3, 8^3, 3^2, 2^2\})$	5898240
24	$\mathcal{O}(1; \{24^3, 8^3, 6, 2^3\})$	3538944
24	$\mathcal{O}(1; \{24^3, 8^3, 6, 4^2\})$	14155776
24	$\mathcal{O}(1; \{24^3, 8^3, 6^2, 3\})$	12976128
24	$\mathcal{O}(1; \{24^3, 12, 8, 3, 2^5\})$	737280
24	$\mathcal{O}(1; \{24^3, 12, 8, 3^4, 2\})$	6340608
24	$\mathcal{O}(1; \{24^3, 12, 8, 4^2, 3, 2^2\})$	2949120
24	$\mathcal{O}(1; \{24^3, 12, 8, 6, 3^2, 2^2\})$	3096576
24	$\mathcal{O}(1; \{24^3, 12, 8, 6^2, 2^3\})$	1622016
24	$\mathcal{O}(1; \{24^3, 12, 8, 6^2, 4^2\})$	6488064
24	$\mathcal{O}(1; \{24^3, 12, 8, 6^3, 3\})$	6340608
24	$\mathcal{O}(1; \{24^3, 12, 8^3, 4, 3\})$	23592960
24	$\mathcal{O}(1; \{24^3, 12^2, 8, 4, 2^3\})$	2949120
24	$\mathcal{O}(1; \{24^3, 12^2, 8, 4^3\})$	11796480
24	$\mathcal{O}(1; \{24^3, 12^2, 8, 6, 4, 3\})$	12386304
24	$\mathcal{O}(1; \{24^3, 12^2, 8^3, 2\})$	23592960
24	$\mathcal{O}(1; \{24^3, 12^3, 8, 3^2\})$	25362432
24	$\mathcal{O}(1; \{24^3, 12^3, 8, 6, 2\})$	12386304
24	$\mathcal{O}(1; \{24^4, 2^8\})$	221184
24	$\mathcal{O}(1; \{24^4, 3^3, 2^4\})$	1548288
24	$\mathcal{O}(1; \{24^4, 3^6\})$	12607488
24	$\mathcal{O}(1; \{24^4, 4^2, 2^5\})$	884736
24	$\mathcal{O}(1; \{24^4, 4^2, 3^3, 2\})$	6193152
24	$\mathcal{O}(1; \{24^4, 4^4, 2^2\})$	3538944
24	$\mathcal{O}(1; \{24^4, 6, 3, 2^5\})$	811008
24	$\mathcal{O}(1; \{24^4, 6, 3^4, 2\})$	6266880
24	$\mathcal{O}(1; \{24^4, 6, 4^2, 3, 2^2\})$	3244032
24	$\mathcal{O}(1; \{24^4, 6^2, 3^2, 2^2\})$	3170304
24	$\mathcal{O}(1; \{24^4, 6^3, 2^3\})$	1548288
24	$\mathcal{O}(1; \{24^4, 6^3, 4^2\})$	6193152
24	$\mathcal{O}(1; \{24^4, 6^4, 3\})$	6266880
24	$\mathcal{O}(1; \{24^4, 8^2, 4, 2^3\})$	7077888
24	$\mathcal{O}(1; \{24^4, 8^2, 4^3\})$	28311552
24	$\mathcal{O}(1; \{24^4, 8^2, 6, 4, 3\})$	25952256

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^4, 8^4, 2\})$	56623104
24	$\mathcal{O}(1; \{24^4, 12, 4, 3^2, 2^2\})$	6193152
24	$\mathcal{O}(1; \{24^4, 12, 6, 4, 2^3\})$	3244032
24	$\mathcal{O}(1; \{24^4, 12, 6, 4^3\})$	12976128
24	$\mathcal{O}(1; \{24^4, 12, 6^2, 4, 3\})$	12681216
24	$\mathcal{O}(1; \{24^4, 12, 8^2, 3^2\})$	49545216
24	$\mathcal{O}(1; \{24^4, 12, 8^2, 6, 2\})$	25952256
24	$\mathcal{O}(1; \{24^4, 12^2, 3, 2^3\})$	6193152
24	$\mathcal{O}(1; \{24^4, 12^2, 4^2, 3\})$	24772608
24	$\mathcal{O}(1; \{24^4, 12^2, 6, 3^2\})$	25067520
24	$\mathcal{O}(1; \{24^4, 12^2, 6^2, 2\})$	12681216
24	$\mathcal{O}(1; \{24^4, 12^3, 4, 2\})$	24772608
24	$\mathcal{O}(1; \{24^5, 8, 3, 2^3\})$	12976128
24	$\mathcal{O}(1; \{24^5, 8, 4^2, 3\})$	51904512
24	$\mathcal{O}(1; \{24^5, 8, 6, 3^2\})$	50724864
24	$\mathcal{O}(1; \{24^5, 8, 6^2, 2\})$	24772608
24	$\mathcal{O}(1; \{24^5, 12, 8, 4, 2\})$	51904512
24	$\mathcal{O}(1; \{24^6, 4, 3^2\})$	101449728
24	$\mathcal{O}(1; \{24^6, 6, 4, 2\})$	49545216
24	$\mathcal{O}(1; \{24^6, 12, 3, 2\})$	101449728
24	$\mathcal{O}(0; \{8^2, 4, 3^2, 2^{12}\})$	16
24	$\mathcal{O}(0; \{8^2, 4, 3^5, 2^8\})$	80
24	$\mathcal{O}(0; \{8^2, 4, 3^8, 2^4\})$	688
24	$\mathcal{O}(0; \{8^2, 4, 3^{11}\})$	5456
24	$\mathcal{O}(0; \{8^2, 4^3, 3^2, 2^9\})$	64
24	$\mathcal{O}(0; \{8^2, 4^3, 3^5, 2^5\})$	320
24	$\mathcal{O}(0; \{8^2, 4^3, 3^8, 2\})$	2752
24	$\mathcal{O}(0; \{8^2, 4^5, 3^2, 2^6\})$	256
24	$\mathcal{O}(0; \{8^2, 4^5, 3^5, 2^2\})$	1280
24	$\mathcal{O}(0; \{8^2, 4^7, 3^2, 2^3\})$	1024
24	$\mathcal{O}(0; \{8^2, 4^9, 3^2\})$	4096
24	$\mathcal{O}(0; \{8^2, 6, 4, 3^3, 2^9\})$	48
24	$\mathcal{O}(0; \{8^2, 6, 4, 3^6, 2^5\})$	336
24	$\mathcal{O}(0; \{8^2, 6, 4, 3^9, 2\})$	2736
24	$\mathcal{O}(0; \{8^2, 6, 4^3, 3^3, 2^6\})$	192
24	$\mathcal{O}(0; \{8^2, 6, 4^3, 3^6, 2^2\})$	1344
24	$\mathcal{O}(0; \{8^2, 6, 4^5, 3^3, 2^3\})$	768
24	$\mathcal{O}(0; \{8^2, 6, 4^7, 3^3\})$	3072
24	$\mathcal{O}(0; \{8^2, 6^2, 4, 3, 2^{10}\})$	16
24	$\mathcal{O}(0; \{8^2, 6^2, 4, 3^4, 2^6\})$	176
24	$\mathcal{O}(0; \{8^2, 6^2, 4, 3^7, 2^2\})$	1360
24	$\mathcal{O}(0; \{8^2, 6^2, 4^3, 3, 2^7\})$	64
24	$\mathcal{O}(0; \{8^2, 6^2, 4^3, 3^4, 2^3\})$	704

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{8^2, 6^2, 4^5, 3, 2^4\})$	256
24	$\mathcal{O}(0; \{8^2, 6^2, 4^5, 3^4\})$	2816
24	$\mathcal{O}(0; \{8^2, 6^2, 4^7, 3, 2\})$	1024
24	$\mathcal{O}(0; \{8^2, 6^3, 4, 3^2, 2^7\})$	80
24	$\mathcal{O}(0; \{8^2, 6^3, 4, 3^5, 2^3\})$	688
24	$\mathcal{O}(0; \{8^2, 6^3, 4^3, 3^2, 2^4\})$	320
24	$\mathcal{O}(0; \{8^2, 6^3, 4^3, 3^5\})$	2752
24	$\mathcal{O}(0; \{8^2, 6^3, 4^5, 3^2, 2\})$	1280
24	$\mathcal{O}(0; \{8^2, 6^4, 4, 2^8\})$	48
24	$\mathcal{O}(0; \{8^2, 6^4, 4, 3^3, 2^4\})$	336
24	$\mathcal{O}(0; \{8^2, 6^4, 4, 3^6\})$	2736
24	$\mathcal{O}(0; \{8^2, 6^4, 4^3, 2^5\})$	192
24	$\mathcal{O}(0; \{8^2, 6^4, 4^3, 3^3, 2\})$	1344
24	$\mathcal{O}(0; \{8^2, 6^4, 4^5, 2^2\})$	768
24	$\mathcal{O}(0; \{8^2, 6^5, 4, 3, 2^5\})$	176
24	$\mathcal{O}(0; \{8^2, 6^5, 4, 3^4, 2\})$	1360
24	$\mathcal{O}(0; \{8^2, 6^5, 4^3, 3, 2^2\})$	704
24	$\mathcal{O}(0; \{8^2, 6^6, 4, 3^2, 2^2\})$	688
24	$\mathcal{O}(0; \{8^2, 6^7, 4, 2^3\})$	336
24	$\mathcal{O}(0; \{8^2, 6^7, 4^3\})$	1344
24	$\mathcal{O}(0; \{8^2, 6^8, 4, 3\})$	1360
24	$\mathcal{O}(0; \{8^4, 3^2, 2^{10}\})$	128
24	$\mathcal{O}(0; \{8^4, 3^5, 2^6\})$	640
24	$\mathcal{O}(0; \{8^4, 3^8, 2^2\})$	5504
24	$\mathcal{O}(0; \{8^4, 4^2, 3^2, 2^7\})$	512
24	$\mathcal{O}(0; \{8^4, 4^2, 3^5, 2^3\})$	2560
24	$\mathcal{O}(0; \{8^4, 4^4, 3^2, 2^4\})$	2048
24	$\mathcal{O}(0; \{8^4, 4^4, 3^5\})$	10240
24	$\mathcal{O}(0; \{8^4, 4^6, 3^2, 2\})$	8192
24	$\mathcal{O}(0; \{8^4, 6, 3^3, 2^7\})$	384
24	$\mathcal{O}(0; \{8^4, 6, 3^6, 2^3\})$	2688
24	$\mathcal{O}(0; \{8^4, 6, 4^2, 3^3, 2^4\})$	1536
24	$\mathcal{O}(0; \{8^4, 6, 4^2, 3^6\})$	10752
24	$\mathcal{O}(0; \{8^4, 6, 4^4, 3^3, 2\})$	6144
24	$\mathcal{O}(0; \{8^4, 6^2, 3, 2^8\})$	128
24	$\mathcal{O}(0; \{8^4, 6^2, 3^4, 2^4\})$	1408
24	$\mathcal{O}(0; \{8^4, 6^2, 3^7\})$	10880
24	$\mathcal{O}(0; \{8^4, 6^2, 4^2, 3, 2^5\})$	512
24	$\mathcal{O}(0; \{8^4, 6^2, 4^2, 3^4, 2\})$	5632
24	$\mathcal{O}(0; \{8^4, 6^2, 4^4, 3, 2^2\})$	2048
24	$\mathcal{O}(0; \{8^4, 6^3, 3^2, 2^5\})$	640
24	$\mathcal{O}(0; \{8^4, 6^3, 3^5, 2\})$	5504
24	$\mathcal{O}(0; \{8^4, 6^3, 4^2, 3^2, 2^2\})$	2560

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{8^4, 6^4, 2^6\})$	384
24	$\mathcal{O}(0; \{8^4, 6^4, 3^3, 2^2\})$	2688
24	$\mathcal{O}(0; \{8^4, 6^4, 4^2, 2^3\})$	1536
24	$\mathcal{O}(0; \{8^4, 6^4, 4^4\})$	6144
24	$\mathcal{O}(0; \{8^4, 6^5, 3, 2^3\})$	1408
24	$\mathcal{O}(0; \{8^4, 6^5, 4^2, 3\})$	5632
24	$\mathcal{O}(0; \{8^4, 6^6, 3^2\})$	5504
24	$\mathcal{O}(0; \{8^4, 6^7, 2\})$	2688
24	$\mathcal{O}(0; \{8^6, 4, 3^2, 2^5\})$	4096
24	$\mathcal{O}(0; \{8^6, 4, 3^5, 2\})$	20480
24	$\mathcal{O}(0; \{8^6, 4^3, 3^2, 2^2\})$	16384
24	$\mathcal{O}(0; \{8^6, 6, 4, 3^3, 2^2\})$	12288
24	$\mathcal{O}(0; \{8^6, 6^2, 4, 3, 2^3\})$	4096
24	$\mathcal{O}(0; \{8^6, 6^2, 4^3, 3\})$	16384
24	$\mathcal{O}(0; \{8^6, 6^3, 4, 3^2\})$	20480
24	$\mathcal{O}(0; \{8^6, 6^4, 4, 2\})$	12288
24	$\mathcal{O}(0; \{8^8, 3^2, 2^3\})$	32768
24	$\mathcal{O}(0; \{8^8, 4^2, 3^2\})$	131072
24	$\mathcal{O}(0; \{8^8, 6, 3^3\})$	98304
24	$\mathcal{O}(0; \{8^8, 6^2, 3, 2\})$	32768
24	$\mathcal{O}(0; \{12, 8^2, 3, 2^{13}\})$	16
24	$\mathcal{O}(0; \{12, 8^2, 3^4, 2^9\})$	80
24	$\mathcal{O}(0; \{12, 8^2, 3^7, 2^5\})$	688
24	$\mathcal{O}(0; \{12, 8^2, 3^{10}, 2\})$	5456
24	$\mathcal{O}(0; \{12, 8^2, 4^2, 3, 2^{10}\})$	64
24	$\mathcal{O}(0; \{12, 8^2, 4^2, 3^4, 2^6\})$	320
24	$\mathcal{O}(0; \{12, 8^2, 4^2, 3^7, 2^2\})$	2752
24	$\mathcal{O}(0; \{12, 8^2, 4^4, 3, 2^7\})$	256
24	$\mathcal{O}(0; \{12, 8^2, 4^4, 3^4, 2^3\})$	1280
24	$\mathcal{O}(0; \{12, 8^2, 4^6, 3, 2^4\})$	1024
24	$\mathcal{O}(0; \{12, 8^2, 4^6, 3^4\})$	5120
24	$\mathcal{O}(0; \{12, 8^2, 4^8, 3, 2\})$	4096
24	$\mathcal{O}(0; \{12, 8^2, 6, 3^2, 2^{10}\})$	48
24	$\mathcal{O}(0; \{12, 8^2, 6, 3^5, 2^6\})$	336
24	$\mathcal{O}(0; \{12, 8^2, 6, 3^8, 2^2\})$	2736
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^2, 3^2, 2^7\})$	192
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^2, 3^5, 2^3\})$	1344
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^4, 3^2, 2^4\})$	768
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^4, 3^5\})$	5376
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^6, 3^2, 2\})$	3072
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 2^{11}\})$	16
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 3^3, 2^7\})$	176
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 3^6, 2^3\})$	1360

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^2, 2^8\})$	64
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^2, 3^3, 2^4\})$	704
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^2, 3^6\})$	5440
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^4, 2^5\})$	256
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^4, 3^3, 2\})$	2816
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^6, 2^2\})$	1024
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 3, 2^8\})$	80
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 3^4, 2^4\})$	688
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 3^7\})$	5456
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4^2, 3, 2^5\})$	320
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4^2, 3^4, 2\})$	2752
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4^4, 3, 2^2\})$	1280
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 3^2, 2^5\})$	336
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 3^5, 2\})$	2736
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 4^2, 3^2, 2^2\})$	1344
24	$\mathcal{O}(0; \{12, 8^2, 6^5, 2^6\})$	176
24	$\mathcal{O}(0; \{12, 8^2, 6^5, 3^3, 2^2\})$	1360
24	$\mathcal{O}(0; \{12, 8^2, 6^5, 4^2, 2^3\})$	704
24	$\mathcal{O}(0; \{12, 8^2, 6^5, 4^4\})$	2816
24	$\mathcal{O}(0; \{12, 8^2, 6^6, 3, 2^3\})$	688
24	$\mathcal{O}(0; \{12, 8^2, 6^6, 4^2, 3\})$	2752
24	$\mathcal{O}(0; \{12, 8^2, 6^7, 3^2\})$	2736
24	$\mathcal{O}(0; \{12, 8^2, 6^8, 2\})$	1360
24	$\mathcal{O}(0; \{12, 8^4, 4, 3, 2^8\})$	512
24	$\mathcal{O}(0; \{12, 8^4, 4, 3^4, 2^4\})$	2560
24	$\mathcal{O}(0; \{12, 8^4, 4, 3^7\})$	22016
24	$\mathcal{O}(0; \{12, 8^4, 4^3, 3, 2^5\})$	2048
24	$\mathcal{O}(0; \{12, 8^4, 4^3, 3^4, 2\})$	10240
24	$\mathcal{O}(0; \{12, 8^4, 4^5, 3, 2^2\})$	8192
24	$\mathcal{O}(0; \{12, 8^4, 6, 4, 3^2, 2^5\})$	1536
24	$\mathcal{O}(0; \{12, 8^4, 6, 4, 3^5, 2\})$	10752
24	$\mathcal{O}(0; \{12, 8^4, 6, 4^3, 3^2, 2^2\})$	6144
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 4, 2^6\})$	512
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 4, 3^3, 2^2\})$	5632
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 4^3, 2^3\})$	2048
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 4^5\})$	8192
24	$\mathcal{O}(0; \{12, 8^4, 6^3, 4, 3, 2^3\})$	2560
24	$\mathcal{O}(0; \{12, 8^4, 6^3, 4^3, 3\})$	10240
24	$\mathcal{O}(0; \{12, 8^4, 6^4, 4, 3^2\})$	10752
24	$\mathcal{O}(0; \{12, 8^4, 6^5, 4, 2\})$	5632
24	$\mathcal{O}(0; \{12, 8^6, 3, 2^6\})$	4096
24	$\mathcal{O}(0; \{12, 8^6, 3^4, 2^2\})$	20480
24	$\mathcal{O}(0; \{12, 8^6, 4^2, 3, 2^3\})$	16384

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12, 8^6, 4^4, 3\})$	65536
24	$\mathcal{O}(0; \{12, 8^6, 6, 3^2, 2^3\})$	12288
24	$\mathcal{O}(0; \{12, 8^6, 6, 4^2, 3^2\})$	49152
24	$\mathcal{O}(0; \{12, 8^6, 6^2, 2^4\})$	4096
24	$\mathcal{O}(0; \{12, 8^6, 6^2, 3^3\})$	45056
24	$\mathcal{O}(0; \{12, 8^6, 6^2, 4^2, 2\})$	16384
24	$\mathcal{O}(0; \{12, 8^6, 6^3, 3, 2\})$	20480
24	$\mathcal{O}(0; \{12, 8^8, 4, 3, 2\})$	131072
24	$\mathcal{O}(0; \{12^2, 8^2, 4, 2^{11}\})$	64
24	$\mathcal{O}(0; \{12^2, 8^2, 4, 3^3, 2^7\})$	320
24	$\mathcal{O}(0; \{12^2, 8^2, 4, 3^6, 2^3\})$	2752
24	$\mathcal{O}(0; \{12^2, 8^2, 4^3, 2^8\})$	256
24	$\mathcal{O}(0; \{12^2, 8^2, 4^3, 3^3, 2^4\})$	1280
24	$\mathcal{O}(0; \{12^2, 8^2, 4^3, 3^6\})$	11008
24	$\mathcal{O}(0; \{12^2, 8^2, 4^5, 2^5\})$	1024
24	$\mathcal{O}(0; \{12^2, 8^2, 4^5, 3^3, 2\})$	5120
24	$\mathcal{O}(0; \{12^2, 8^2, 4^7, 2^2\})$	4096
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4, 3, 2^8\})$	192
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4, 3^4, 2^4\})$	1344
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4, 3^7\})$	10944
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^3, 3, 2^5\})$	768
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^3, 3^4, 2\})$	5376
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^5, 3, 2^2\})$	3072
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4, 3^2, 2^5\})$	704
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4, 3^5, 2\})$	5440
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4^3, 3^2, 2^2\})$	2816
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 4, 2^6\})$	320
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 4, 3^3, 2^2\})$	2752
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 4^3, 2^3\})$	1280
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 4^5\})$	5120
24	$\mathcal{O}(0; \{12^2, 8^2, 6^4, 4, 3, 2^3\})$	1344
24	$\mathcal{O}(0; \{12^2, 8^2, 6^4, 4^3, 3\})$	5376
24	$\mathcal{O}(0; \{12^2, 8^2, 6^5, 4, 3^2\})$	5440
24	$\mathcal{O}(0; \{12^2, 8^2, 6^6, 4, 2\})$	2752
24	$\mathcal{O}(0; \{12^2, 8^4, 2^9\})$	512
24	$\mathcal{O}(0; \{12^2, 8^4, 3^3, 2^5\})$	2560
24	$\mathcal{O}(0; \{12^2, 8^4, 3^6, 2\})$	22016
24	$\mathcal{O}(0; \{12^2, 8^4, 4^2, 2^6\})$	2048
24	$\mathcal{O}(0; \{12^2, 8^4, 4^2, 3^3, 2^2\})$	10240
24	$\mathcal{O}(0; \{12^2, 8^4, 4^4, 2^3\})$	8192
24	$\mathcal{O}(0; \{12^2, 8^4, 4^6\})$	32768
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 3, 2^6\})$	1536
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 3^4, 2^2\})$	10752

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 4^2, 3, 2^3\})$	6144
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 4^4, 3\})$	24576
24	$\mathcal{O}(0; \{12^2, 8^4, 6^2, 3^2, 2^3\})$	5632
24	$\mathcal{O}(0; \{12^2, 8^4, 6^2, 4^2, 3^2\})$	22528
24	$\mathcal{O}(0; \{12^2, 8^4, 6^3, 2^4\})$	2560
24	$\mathcal{O}(0; \{12^2, 8^4, 6^3, 3^3\})$	22016
24	$\mathcal{O}(0; \{12^2, 8^4, 6^3, 4^2, 2\})$	10240
24	$\mathcal{O}(0; \{12^2, 8^4, 6^4, 3, 2\})$	10752
24	$\mathcal{O}(0; \{12^2, 8^6, 4, 2^4\})$	16384
24	$\mathcal{O}(0; \{12^2, 8^6, 4, 3^3\})$	81920
24	$\mathcal{O}(0; \{12^2, 8^6, 4^3, 2\})$	65536
24	$\mathcal{O}(0; \{12^2, 8^6, 6, 4, 3, 2\})$	49152
24	$\mathcal{O}(0; \{12^2, 8^8, 2^2\})$	131072
24	$\mathcal{O}(0; \{12^3, 8^2, 3^2, 2^8\})$	320
24	$\mathcal{O}(0; \{12^3, 8^2, 3^5, 2^4\})$	2752
24	$\mathcal{O}(0; \{12^3, 8^2, 3^8\})$	21824
24	$\mathcal{O}(0; \{12^3, 8^2, 4^2, 3^2, 2^5\})$	1280
24	$\mathcal{O}(0; \{12^3, 8^2, 4^2, 3^5, 2\})$	11008
24	$\mathcal{O}(0; \{12^3, 8^2, 4^4, 3^2, 2^2\})$	5120
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 2^9\})$	192
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 3^3, 2^5\})$	1344
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 3^6, 2\})$	10944
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4^2, 2^6\})$	768
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4^2, 3^3, 2^2\})$	5376
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4^4, 2^3\})$	3072
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4^6\})$	12288
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 3, 2^6\})$	704
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 3^4, 2^2\})$	5440
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 4^2, 3, 2^3\})$	2816
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 4^4, 3\})$	11264
24	$\mathcal{O}(0; \{12^3, 8^2, 6^3, 3^2, 2^3\})$	2752
24	$\mathcal{O}(0; \{12^3, 8^2, 6^3, 4^2, 3^2\})$	11008
24	$\mathcal{O}(0; \{12^3, 8^2, 6^4, 2^4\})$	1344
24	$\mathcal{O}(0; \{12^3, 8^2, 6^4, 3^3\})$	10944
24	$\mathcal{O}(0; \{12^3, 8^2, 6^4, 4^2, 2\})$	5376
24	$\mathcal{O}(0; \{12^3, 8^2, 6^5, 3, 2\})$	5440
24	$\mathcal{O}(0; \{12^3, 8^4, 4, 3^2, 2^3\})$	10240
24	$\mathcal{O}(0; \{12^3, 8^4, 4^3, 3^2\})$	40960
24	$\mathcal{O}(0; \{12^3, 8^4, 6, 4, 2^4\})$	6144
24	$\mathcal{O}(0; \{12^3, 8^4, 6, 4, 3^3\})$	43008
24	$\mathcal{O}(0; \{12^3, 8^4, 6, 4^3, 2\})$	24576
24	$\mathcal{O}(0; \{12^3, 8^4, 6^2, 4, 3, 2\})$	22528
24	$\mathcal{O}(0; \{12^3, 8^6, 3^2, 2\})$	81920

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12^3, 8^6, 6, 2^2\})$	49152
24	$\mathcal{O}(0; \{12^4, 8^2, 4, 3, 2^6\})$	1280
24	$\mathcal{O}(0; \{12^4, 8^2, 4, 3^4, 2^2\})$	11008
24	$\mathcal{O}(0; \{12^4, 8^2, 4^3, 3, 2^3\})$	5120
24	$\mathcal{O}(0; \{12^4, 8^2, 4^5, 3\})$	20480
24	$\mathcal{O}(0; \{12^4, 8^2, 6, 4, 3^2, 2^3\})$	5376
24	$\mathcal{O}(0; \{12^4, 8^2, 6, 4^3, 3^2\})$	21504
24	$\mathcal{O}(0; \{12^4, 8^2, 6^2, 4, 2^4\})$	2816
24	$\mathcal{O}(0; \{12^4, 8^2, 6^2, 4, 3^3\})$	21760
24	$\mathcal{O}(0; \{12^4, 8^2, 6^2, 4^3, 2\})$	11264
24	$\mathcal{O}(0; \{12^4, 8^2, 6^3, 4, 3, 2\})$	11008
24	$\mathcal{O}(0; \{12^4, 8^4, 3, 2^4\})$	10240
24	$\mathcal{O}(0; \{12^4, 8^4, 3^4\})$	88064
24	$\mathcal{O}(0; \{12^4, 8^4, 4^2, 3, 2\})$	40960
24	$\mathcal{O}(0; \{12^4, 8^4, 6, 3^2, 2\})$	43008
24	$\mathcal{O}(0; \{12^4, 8^4, 6^2, 2^2\})$	22528
24	$\mathcal{O}(0; \{12^5, 8^2, 2^7\})$	1280
24	$\mathcal{O}(0; \{12^5, 8^2, 3^3, 2^3\})$	11008
24	$\mathcal{O}(0; \{12^5, 8^2, 4^2, 2^4\})$	5120
24	$\mathcal{O}(0; \{12^5, 8^2, 4^2, 3^3\})$	44032
24	$\mathcal{O}(0; \{12^5, 8^2, 4^4, 2\})$	20480
24	$\mathcal{O}(0; \{12^5, 8^2, 6, 3, 2^4\})$	5376
24	$\mathcal{O}(0; \{12^5, 8^2, 6, 3^4\})$	43776
24	$\mathcal{O}(0; \{12^5, 8^2, 6, 4^2, 3, 2\})$	21504
24	$\mathcal{O}(0; \{12^5, 8^2, 6^2, 3^2, 2\})$	21760
24	$\mathcal{O}(0; \{12^5, 8^2, 6^3, 2^2\})$	11008
24	$\mathcal{O}(0; \{12^5, 8^4, 4, 2^2\})$	40960
24	$\mathcal{O}(0; \{12^5, 8^6\})$	327680
24	$\mathcal{O}(0; \{12^6, 8^2, 4, 3^2, 2\})$	44032
24	$\mathcal{O}(0; \{12^6, 8^2, 6, 4, 2^2\})$	21504
24	$\mathcal{O}(0; \{12^6, 8^4, 6\})$	172032
24	$\mathcal{O}(0; \{12^7, 8^2, 3, 2^2\})$	44032
24	$\mathcal{O}(0; \{12^7, 8^2, 6^2\})$	87040
24	$\mathcal{O}(0; \{12^8, 8^2, 4\})$	176128
24	$\mathcal{O}(0; \{24, 8, 3^3, 2^{12}\})$	24
24	$\mathcal{O}(0; \{24, 8, 3^6, 2^8\})$	168
24	$\mathcal{O}(0; \{24, 8, 3^9, 2^4\})$	1368
24	$\mathcal{O}(0; \{24, 8, 3^{12}\})$	10920
24	$\mathcal{O}(0; \{24, 8, 4^2, 3^3, 2^9\})$	96
24	$\mathcal{O}(0; \{24, 8, 4^2, 3^6, 2^5\})$	672
24	$\mathcal{O}(0; \{24, 8, 4^2, 3^9, 2\})$	5472
24	$\mathcal{O}(0; \{24, 8, 4^4, 3^3, 2^6\})$	384
24	$\mathcal{O}(0; \{24, 8, 4^4, 3^6, 2^2\})$	2688

Continued on next page

Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 8, 4^6, 3^3, 2^3\})$	1536
24	$\mathcal{O}(0; \{24, 8, 4^8, 3^3\})$	6144
24	$\mathcal{O}(0; \{24, 8, 6, 3, 2^{13}\})$	8
24	$\mathcal{O}(0; \{24, 8, 6, 3^4, 2^9\})$	88
24	$\mathcal{O}(0; \{24, 8, 6, 3^7, 2^5\})$	680
24	$\mathcal{O}(0; \{24, 8, 6, 3^{10}, 2\})$	5464
24	$\mathcal{O}(0; \{24, 8, 6, 4^2, 3, 2^{10}\})$	32
24	$\mathcal{O}(0; \{24, 8, 6, 4^2, 3^4, 2^6\})$	352
24	$\mathcal{O}(0; \{24, 8, 6, 4^2, 3^7, 2^2\})$	2720
24	$\mathcal{O}(0; \{24, 8, 6, 4^4, 3, 2^7\})$	128
24	$\mathcal{O}(0; \{24, 8, 6, 4^4, 3^4, 2^3\})$	1408
24	$\mathcal{O}(0; \{24, 8, 6, 4^6, 3, 2^4\})$	512
24	$\mathcal{O}(0; \{24, 8, 6, 4^6, 3^4\})$	5632
24	$\mathcal{O}(0; \{24, 8, 6, 4^8, 3, 2\})$	2048
24	$\mathcal{O}(0; \{24, 8, 6^2, 3^2, 2^{10}\})$	40
24	$\mathcal{O}(0; \{24, 8, 6^2, 3^5, 2^6\})$	344
24	$\mathcal{O}(0; \{24, 8, 6^2, 3^8, 2^2\})$	2728
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^2, 3^2, 2^7\})$	160
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^2, 3^5, 2^3\})$	1376
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^4, 3^2, 2^4\})$	640
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^4, 3^5\})$	5504
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^6, 3^2, 2\})$	2560
24	$\mathcal{O}(0; \{24, 8, 6^3, 2^{11}\})$	24
24	$\mathcal{O}(0; \{24, 8, 6^3, 3^3, 2^7\})$	168
24	$\mathcal{O}(0; \{24, 8, 6^3, 3^6, 2^3\})$	1368
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^2, 2^8\})$	96
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^2, 3^3, 2^4\})$	672
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^2, 3^6\})$	5472
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^4, 2^5\})$	384
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^4, 3^3, 2\})$	2688
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^6, 2^2\})$	1536
24	$\mathcal{O}(0; \{24, 8, 6^4, 3, 2^8\})$	88
24	$\mathcal{O}(0; \{24, 8, 6^4, 3^4, 2^4\})$	680
24	$\mathcal{O}(0; \{24, 8, 6^4, 3^7\})$	5464
24	$\mathcal{O}(0; \{24, 8, 6^4, 4^2, 3, 2^5\})$	352
24	$\mathcal{O}(0; \{24, 8, 6^4, 4^2, 3^4, 2\})$	2720
24	$\mathcal{O}(0; \{24, 8, 6^4, 4^4, 3, 2^2\})$	1408
24	$\mathcal{O}(0; \{24, 8, 6^5, 3^2, 2^5\})$	344
24	$\mathcal{O}(0; \{24, 8, 6^5, 3^5, 2\})$	2728
24	$\mathcal{O}(0; \{24, 8, 6^5, 4^2, 3^2, 2^2\})$	1376
24	$\mathcal{O}(0; \{24, 8, 6^6, 2^6\})$	168
24	$\mathcal{O}(0; \{24, 8, 6^6, 3^3, 2^2\})$	1368
24	$\mathcal{O}(0; \{24, 8, 6^6, 4^2, 2^3\})$	672

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 8, 6^6, 4^4\})$	2688
24	$\mathcal{O}(0; \{24, 8, 6^7, 3, 2^3\})$	680
24	$\mathcal{O}(0; \{24, 8, 6^7, 4^2, 3\})$	2720
24	$\mathcal{O}(0; \{24, 8, 6^8, 3^2\})$	2728
24	$\mathcal{O}(0; \{24, 8, 6^9, 2\})$	1368
24	$\mathcal{O}(0; \{24, 8^3, 4, 3^3, 2^7\})$	768
24	$\mathcal{O}(0; \{24, 8^3, 4, 3^6, 2^3\})$	5376
24	$\mathcal{O}(0; \{24, 8^3, 4^3, 3^3, 2^4\})$	3072
24	$\mathcal{O}(0; \{24, 8^3, 4^3, 3^6\})$	21504
24	$\mathcal{O}(0; \{24, 8^3, 4^5, 3^3, 2\})$	12288
24	$\mathcal{O}(0; \{24, 8^3, 6, 4, 3, 2^8\})$	256
24	$\mathcal{O}(0; \{24, 8^3, 6, 4, 3^4, 2^4\})$	2816
24	$\mathcal{O}(0; \{24, 8^3, 6, 4, 3^7\})$	21760
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^3, 3, 2^5\})$	1024
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^3, 3^4, 2\})$	11264
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^5, 3, 2^2\})$	4096
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4, 3^2, 2^5\})$	1280
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4, 3^5, 2\})$	11008
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4^3, 3^2, 2^2\})$	5120
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 4, 2^6\})$	768
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 4, 3^3, 2^2\})$	5376
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 4^3, 2^3\})$	3072
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 4^5\})$	12288
24	$\mathcal{O}(0; \{24, 8^3, 6^4, 4, 3, 2^3\})$	2816
24	$\mathcal{O}(0; \{24, 8^3, 6^4, 4^3, 3\})$	11264
24	$\mathcal{O}(0; \{24, 8^3, 6^5, 4, 3^2\})$	11008
24	$\mathcal{O}(0; \{24, 8^3, 6^6, 4, 2\})$	5376
24	$\mathcal{O}(0; \{24, 8^5, 3^3, 2^5\})$	6144
24	$\mathcal{O}(0; \{24, 8^5, 3^6, 2\})$	43008
24	$\mathcal{O}(0; \{24, 8^5, 4^2, 3^3, 2^2\})$	24576
24	$\mathcal{O}(0; \{24, 8^5, 6, 3, 2^6\})$	2048
24	$\mathcal{O}(0; \{24, 8^5, 6, 3^4, 2^2\})$	22528
24	$\mathcal{O}(0; \{24, 8^5, 6, 4^2, 3, 2^3\})$	8192
24	$\mathcal{O}(0; \{24, 8^5, 6, 4^4, 3\})$	32768
24	$\mathcal{O}(0; \{24, 8^5, 6^2, 3^2, 2^3\})$	10240
24	$\mathcal{O}(0; \{24, 8^5, 6^2, 4^2, 3^2\})$	40960
24	$\mathcal{O}(0; \{24, 8^5, 6^3, 2^4\})$	6144
24	$\mathcal{O}(0; \{24, 8^5, 6^3, 3^3\})$	43008
24	$\mathcal{O}(0; \{24, 8^5, 6^3, 4^2, 2\})$	24576
24	$\mathcal{O}(0; \{24, 8^5, 6^4, 3, 2\})$	22528
24	$\mathcal{O}(0; \{24, 8^7, 4, 3^3\})$	196608
24	$\mathcal{O}(0; \{24, 8^7, 6, 4, 3, 2\})$	65536
24	$\mathcal{O}(0; \{24, 12, 8, 4, 3^2, 2^{10}\})$	96

Continued on next page

Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12, 8, 4, 3^5, 2^6\})$	672
24	$\mathcal{O}(0; \{24, 12, 8, 4, 3^8, 2^2\})$	5472
24	$\mathcal{O}(0; \{24, 12, 8, 4^3, 3^2, 2^7\})$	384
24	$\mathcal{O}(0; \{24, 12, 8, 4^3, 3^5, 2^3\})$	2688
24	$\mathcal{O}(0; \{24, 12, 8, 4^5, 3^2, 2^4\})$	1536
24	$\mathcal{O}(0; \{24, 12, 8, 4^5, 3^5\})$	10752
24	$\mathcal{O}(0; \{24, 12, 8, 4^7, 3^2, 2\})$	6144
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4, 2^{11}\})$	32
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4, 3^3, 2^7\})$	352
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4, 3^6, 2^3\})$	2720
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^3, 2^8\})$	128
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^3, 3^3, 2^4\})$	1408
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^3, 3^6\})$	10880
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^5, 2^5\})$	512
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^5, 3^3, 2\})$	5632
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^7, 2^2\})$	2048
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4, 3, 2^8\})$	160
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4, 3^4, 2^4\})$	1376
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4, 3^7\})$	10912
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^3, 3, 2^5\})$	640
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^3, 3^4, 2\})$	5504
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^5, 3, 2^2\})$	2560
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4, 3^2, 2^5\})$	672
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4, 3^5, 2\})$	5472
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4^3, 3^2, 2^2\})$	2688
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 4, 2^6\})$	352
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 4, 3^3, 2^2\})$	2720
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 4^3, 2^3\})$	1408
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 4^5\})$	5632
24	$\mathcal{O}(0; \{24, 12, 8, 6^5, 4, 3, 2^3\})$	1376
24	$\mathcal{O}(0; \{24, 12, 8, 6^5, 4^3, 3\})$	5504
24	$\mathcal{O}(0; \{24, 12, 8, 6^6, 4, 3^2\})$	5472
24	$\mathcal{O}(0; \{24, 12, 8, 6^7, 4, 2\})$	2720
24	$\mathcal{O}(0; \{24, 12, 8^3, 3^2, 2^8\})$	768
24	$\mathcal{O}(0; \{24, 12, 8^3, 3^5, 2^4\})$	5376
24	$\mathcal{O}(0; \{24, 12, 8^3, 3^8\})$	43776
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^2, 3^2, 2^5\})$	3072
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^2, 3^5, 2\})$	21504
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^4, 3^2, 2^2\})$	12288
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 2^9\})$	256
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 3^3, 2^5\})$	2816
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 3^6, 2\})$	21760
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4^2, 2^6\})$	1024

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4^2, 3^3, 2^2\})$	11264
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4^4, 2^3\})$	4096
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4^6\})$	16384
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 3, 2^6\})$	1280
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 3^4, 2^2\})$	11008
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 4^2, 3, 2^3\})$	5120
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 4^4, 3\})$	20480
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^3, 3^2, 2^3\})$	5376
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^3, 4^2, 3^2\})$	21504
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^4, 2^4\})$	2816
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^4, 3^3\})$	21760
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^4, 4^2, 2\})$	11264
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^5, 3, 2\})$	11008
24	$\mathcal{O}(0; \{24, 12, 8^5, 4, 3^2, 2^3\})$	24576
24	$\mathcal{O}(0; \{24, 12, 8^5, 4^3, 3^2\})$	98304
24	$\mathcal{O}(0; \{24, 12, 8^5, 6, 4, 2^4\})$	8192
24	$\mathcal{O}(0; \{24, 12, 8^5, 6, 4, 3^3\})$	90112
24	$\mathcal{O}(0; \{24, 12, 8^5, 6, 4^3, 2\})$	32768
24	$\mathcal{O}(0; \{24, 12, 8^5, 6^2, 4, 3, 2\})$	40960
24	$\mathcal{O}(0; \{24, 12, 8^7, 3^2, 2\})$	196608
24	$\mathcal{O}(0; \{24, 12, 8^7, 6, 2^2\})$	65536
24	$\mathcal{O}(0; \{24, 12^2, 8, 3, 2^{11}\})$	96
24	$\mathcal{O}(0; \{24, 12^2, 8, 3^4, 2^7\})$	672
24	$\mathcal{O}(0; \{24, 12^2, 8, 3^7, 2^3\})$	5472
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^2, 3, 2^8\})$	384
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^2, 3^4, 2^4\})$	2688
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^2, 3^7\})$	21888
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^4, 3, 2^5\})$	1536
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^4, 3^4, 2\})$	10752
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^6, 3, 2^2\})$	6144
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 3^2, 2^8\})$	352
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 3^5, 2^4\})$	2720
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 3^8\})$	21856
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^2, 3^2, 2^5\})$	1408
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^2, 3^5, 2\})$	10880
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^4, 3^2, 2^2\})$	5632
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 2^9\})$	160
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 3^3, 2^5\})$	1376
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 3^6, 2\})$	10912
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4^2, 2^6\})$	640
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4^2, 3^3, 2^2\})$	5504
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4^4, 2^3\})$	2560
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4^6\})$	10240

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 3, 2^6\})$	672
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 3^4, 2^2\})$	5472
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 4^2, 3, 2^3\})$	2688
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 4^4, 3\})$	10752
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^4, 3^2, 2^3\})$	2720
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^4, 4^2, 3^2\})$	10880
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^5, 2^4\})$	1376
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^5, 3^3\})$	10912
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^5, 4^2, 2\})$	5504
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^6, 3, 2\})$	5472
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4, 3, 2^6\})$	3072
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4, 3^4, 2^2\})$	21504
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4^3, 3, 2^3\})$	12288
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4^5, 3\})$	49152
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6, 4, 3^2, 2^3\})$	11264
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6, 4^3, 3^2\})$	45056
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^2, 4, 2^4\})$	5120
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^2, 4, 3^3\})$	44032
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^2, 4^3, 2\})$	20480
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^3, 4, 3, 2\})$	21504
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 3, 2^4\})$	24576
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 3^4\})$	172032
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 4^2, 3, 2\})$	98304
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 6, 3^2, 2\})$	90112
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 6^2, 2^2\})$	40960
24	$\mathcal{O}(0; \{24, 12^3, 8, 4, 2^9\})$	384
24	$\mathcal{O}(0; \{24, 12^3, 8, 4, 3^3, 2^5\})$	2688
24	$\mathcal{O}(0; \{24, 12^3, 8, 4, 3^6, 2\})$	21888
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^3, 2^6\})$	1536
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^3, 3^3, 2^2\})$	10752
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^5, 2^3\})$	6144
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^7\})$	24576
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4, 3, 2^6\})$	1408
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4, 3^4, 2^2\})$	10880
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4^3, 3, 2^3\})$	5632
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4^5, 3\})$	22528
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^2, 4, 3^2, 2^3\})$	5504
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^2, 4^3, 3^2\})$	22016
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^3, 4, 2^4\})$	2688
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^3, 4, 3^3\})$	21888
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^3, 4^3, 2\})$	10752
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^4, 4, 3, 2\})$	10880
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 2^7\})$	3072

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 3^3, 2^3\})$	21504
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 4^2, 2^4\})$	12288
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 4^2, 3^3\})$	86016
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 4^4, 2\})$	49152
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6, 3, 2^4\})$	11264
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6, 3^4\})$	87040
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6, 4^2, 3, 2\})$	45056
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6^2, 3^2, 2\})$	44032
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6^3, 2^2\})$	21504
24	$\mathcal{O}(0; \{24, 12^3, 8^5, 4, 2^2\})$	98304
24	$\mathcal{O}(0; \{24, 12^3, 8^7\})$	786432
24	$\mathcal{O}(0; \{24, 12^4, 8, 3^2, 2^6\})$	2688
24	$\mathcal{O}(0; \{24, 12^4, 8, 3^5, 2^2\})$	21888
24	$\mathcal{O}(0; \{24, 12^4, 8, 4^2, 3^2, 2^3\})$	10752
24	$\mathcal{O}(0; \{24, 12^4, 8, 4^4, 3^2\})$	43008
24	$\mathcal{O}(0; \{24, 12^4, 8, 6, 2^7\})$	1408
24	$\mathcal{O}(0; \{24, 12^4, 8, 6, 3^3, 2^3\})$	10880
24	$\mathcal{O}(0; \{24, 12^4, 8, 6, 4^2, 2^4\})$	5632
24	$\mathcal{O}(0; \{24, 12^4, 8, 6, 4^2, 3^3\})$	43520
24	$\mathcal{O}(0; \{24, 12^4, 8, 6, 4^4, 2\})$	22528
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^2, 3, 2^4\})$	5504
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^2, 3^4\})$	43648
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^2, 4^2, 3, 2\})$	22016
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^3, 3^2, 2\})$	21888
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^4, 2^2\})$	10880
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 4, 3^2, 2\})$	86016
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 6, 4, 2^2\})$	45056
24	$\mathcal{O}(0; \{24, 12^4, 8^5, 6\})$	360448
24	$\mathcal{O}(0; \{24, 12^5, 8, 4, 3, 2^4\})$	10752
24	$\mathcal{O}(0; \{24, 12^5, 8, 4, 3^4\})$	87552
24	$\mathcal{O}(0; \{24, 12^5, 8, 4^3, 3, 2\})$	43008
24	$\mathcal{O}(0; \{24, 12^5, 8, 6, 4, 3^2, 2\})$	43520
24	$\mathcal{O}(0; \{24, 12^5, 8, 6^2, 4, 2^2\})$	22016
24	$\mathcal{O}(0; \{24, 12^5, 8^3, 3, 2^2\})$	86016
24	$\mathcal{O}(0; \{24, 12^5, 8^3, 6^2\})$	176128
24	$\mathcal{O}(0; \{24, 12^6, 8, 2^5\})$	10752
24	$\mathcal{O}(0; \{24, 12^6, 8, 3^3, 2\})$	87552
24	$\mathcal{O}(0; \{24, 12^6, 8, 4^2, 2^2\})$	43008
24	$\mathcal{O}(0; \{24, 12^6, 8, 6, 3, 2^2\})$	43520
24	$\mathcal{O}(0; \{24, 12^6, 8, 6^3\})$	87552
24	$\mathcal{O}(0; \{24, 12^6, 8^3, 4\})$	344064
24	$\mathcal{O}(0; \{24, 12^7, 8, 6, 4\})$	174080
24	$\mathcal{O}(0; \{24, 12^8, 8, 3\})$	350208

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 4, 3, 2^{13}\})$	16
24	$\mathcal{O}(0; \{24^2, 4, 3^4, 2^9\})$	176
24	$\mathcal{O}(0; \{24^2, 4, 3^7, 2^5\})$	1360
24	$\mathcal{O}(0; \{24^2, 4, 3^{10}, 2\})$	10928
24	$\mathcal{O}(0; \{24^2, 4^3, 3, 2^{10}\})$	64
24	$\mathcal{O}(0; \{24^2, 4^3, 3^4, 2^6\})$	704
24	$\mathcal{O}(0; \{24^2, 4^3, 3^7, 2^2\})$	5440
24	$\mathcal{O}(0; \{24^2, 4^5, 3, 2^7\})$	256
24	$\mathcal{O}(0; \{24^2, 4^5, 3^4, 2^3\})$	2816
24	$\mathcal{O}(0; \{24^2, 4^7, 3, 2^4\})$	1024
24	$\mathcal{O}(0; \{24^2, 4^7, 3^4\})$	11264
24	$\mathcal{O}(0; \{24^2, 4^9, 3, 2\})$	4096
24	$\mathcal{O}(0; \{24^2, 6, 4, 3^2, 2^{10}\})$	80
24	$\mathcal{O}(0; \{24^2, 6, 4, 3^5, 2^6\})$	688
24	$\mathcal{O}(0; \{24^2, 6, 4, 3^8, 2^2\})$	5456
24	$\mathcal{O}(0; \{24^2, 6, 4^3, 3^2, 2^7\})$	320
24	$\mathcal{O}(0; \{24^2, 6, 4^3, 3^5, 2^3\})$	2752
24	$\mathcal{O}(0; \{24^2, 6, 4^5, 3^2, 2^4\})$	1280
24	$\mathcal{O}(0; \{24^2, 6, 4^5, 3^5\})$	11008
24	$\mathcal{O}(0; \{24^2, 6, 4^7, 3^2, 2\})$	5120
24	$\mathcal{O}(0; \{24^2, 6^2, 4, 2^{11}\})$	48
24	$\mathcal{O}(0; \{24^2, 6^2, 4, 3^3, 2^7\})$	336
24	$\mathcal{O}(0; \{24^2, 6^2, 4, 3^6, 2^3\})$	2736
24	$\mathcal{O}(0; \{24^2, 6^2, 4^3, 2^8\})$	192
24	$\mathcal{O}(0; \{24^2, 6^2, 4^3, 3^3, 2^4\})$	1344
24	$\mathcal{O}(0; \{24^2, 6^2, 4^3, 3^6\})$	10944
24	$\mathcal{O}(0; \{24^2, 6^2, 4^5, 2^5\})$	768
24	$\mathcal{O}(0; \{24^2, 6^2, 4^5, 3^3, 2\})$	5376
24	$\mathcal{O}(0; \{24^2, 6^2, 4^7, 2^2\})$	3072
24	$\mathcal{O}(0; \{24^2, 6^3, 4, 3, 2^8\})$	176
24	$\mathcal{O}(0; \{24^2, 6^3, 4, 3^4, 2^4\})$	1360
24	$\mathcal{O}(0; \{24^2, 6^3, 4, 3^7\})$	10928
24	$\mathcal{O}(0; \{24^2, 6^3, 4^3, 3, 2^5\})$	704
24	$\mathcal{O}(0; \{24^2, 6^3, 4^3, 3^4, 2\})$	5440
24	$\mathcal{O}(0; \{24^2, 6^3, 4^5, 3, 2^2\})$	2816
24	$\mathcal{O}(0; \{24^2, 6^4, 4, 3^2, 2^5\})$	688
24	$\mathcal{O}(0; \{24^2, 6^4, 4, 3^5, 2\})$	5456
24	$\mathcal{O}(0; \{24^2, 6^4, 4^3, 3^2, 2^2\})$	2752
24	$\mathcal{O}(0; \{24^2, 6^5, 4, 2^6\})$	336
24	$\mathcal{O}(0; \{24^2, 6^5, 4, 3^3, 2^2\})$	2736
24	$\mathcal{O}(0; \{24^2, 6^5, 4^3, 2^3\})$	1344
24	$\mathcal{O}(0; \{24^2, 6^5, 4^5\})$	5376
24	$\mathcal{O}(0; \{24^2, 6^6, 4, 3, 2^3\})$	1360

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 6^6, 4^3, 3\})$	5440
24	$\mathcal{O}(0; \{24^2, 6^7, 4, 3^2\})$	5456
24	$\mathcal{O}(0; \{24^2, 6^8, 4, 2\})$	2736
24	$\mathcal{O}(0; \{24^2, 8^2, 3, 2^{11}\})$	128
24	$\mathcal{O}(0; \{24^2, 8^2, 3^4, 2^7\})$	1408
24	$\mathcal{O}(0; \{24^2, 8^2, 3^7, 2^3\})$	10880
24	$\mathcal{O}(0; \{24^2, 8^2, 4^2, 3, 2^8\})$	512
24	$\mathcal{O}(0; \{24^2, 8^2, 4^2, 3^4, 2^4\})$	5632
24	$\mathcal{O}(0; \{24^2, 8^2, 4^2, 3^7\})$	43520
24	$\mathcal{O}(0; \{24^2, 8^2, 4^4, 3, 2^5\})$	2048
24	$\mathcal{O}(0; \{24^2, 8^2, 4^4, 3^4, 2\})$	22528
24	$\mathcal{O}(0; \{24^2, 8^2, 4^6, 3, 2^2\})$	8192
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 3^2, 2^8\})$	640
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 3^5, 2^4\})$	5504
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 3^8\})$	43648
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^2, 3^2, 2^5\})$	2560
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^2, 3^5, 2\})$	22016
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^4, 3^2, 2^2\})$	10240
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 2^9\})$	384
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 3^3, 2^5\})$	2688
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 3^6, 2\})$	21888
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4^2, 2^6\})$	1536
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4^2, 3^3, 2^2\})$	10752
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4^4, 2^3\})$	6144
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4^6\})$	24576
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 3, 2^6\})$	1408
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 3^4, 2^2\})$	10880
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 4^2, 3, 2^3\})$	5632
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 4^4, 3\})$	22528
24	$\mathcal{O}(0; \{24^2, 8^2, 6^4, 3^2, 2^3\})$	5504
24	$\mathcal{O}(0; \{24^2, 8^2, 6^4, 4^2, 3^2\})$	22016
24	$\mathcal{O}(0; \{24^2, 8^2, 6^5, 2^4\})$	2688
24	$\mathcal{O}(0; \{24^2, 8^2, 6^5, 3^3\})$	21888
24	$\mathcal{O}(0; \{24^2, 8^2, 6^5, 4^2, 2\})$	10752
24	$\mathcal{O}(0; \{24^2, 8^2, 6^6, 3, 2\})$	10880
24	$\mathcal{O}(0; \{24^2, 8^4, 4, 3, 2^6\})$	4096
24	$\mathcal{O}(0; \{24^2, 8^4, 4, 3^4, 2^2\})$	45056
24	$\mathcal{O}(0; \{24^2, 8^4, 4^3, 3, 2^3\})$	16384
24	$\mathcal{O}(0; \{24^2, 8^4, 4^5, 3\})$	65536
24	$\mathcal{O}(0; \{24^2, 8^4, 6, 4, 3^2, 2^3\})$	20480
24	$\mathcal{O}(0; \{24^2, 8^4, 6, 4^3, 3^2\})$	81920
24	$\mathcal{O}(0; \{24^2, 8^4, 6^2, 4, 2^4\})$	12288
24	$\mathcal{O}(0; \{24^2, 8^4, 6^2, 4, 3^3\})$	86016

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 8^4, 6^2, 4^3, 2\})$	49152
24	$\mathcal{O}(0; \{24^2, 8^4, 6^3, 4, 3, 2\})$	45056
24	$\mathcal{O}(0; \{24^2, 8^6, 3, 2^4\})$	32768
24	$\mathcal{O}(0; \{24^2, 8^6, 3^4\})$	360448
24	$\mathcal{O}(0; \{24^2, 8^6, 4^2, 3, 2\})$	131072
24	$\mathcal{O}(0; \{24^2, 8^6, 6, 3^2, 2\})$	163840
24	$\mathcal{O}(0; \{24^2, 8^6, 6^2, 2^2\})$	98304
24	$\mathcal{O}(0; \{24^2, 12, 2^{14}\})$	16
24	$\mathcal{O}(0; \{24^2, 12, 3^3, 2^{10}\})$	176
24	$\mathcal{O}(0; \{24^2, 12, 3^6, 2^6\})$	1360
24	$\mathcal{O}(0; \{24^2, 12, 3^9, 2^2\})$	10928
24	$\mathcal{O}(0; \{24^2, 12, 4^2, 2^{11}\})$	64
24	$\mathcal{O}(0; \{24^2, 12, 4^2, 3^3, 2^7\})$	704
24	$\mathcal{O}(0; \{24^2, 12, 4^2, 3^6, 2^3\})$	5440
24	$\mathcal{O}(0; \{24^2, 12, 4^4, 2^8\})$	256
24	$\mathcal{O}(0; \{24^2, 12, 4^4, 3^3, 2^4\})$	2816
24	$\mathcal{O}(0; \{24^2, 12, 4^4, 3^6\})$	21760
24	$\mathcal{O}(0; \{24^2, 12, 4^6, 2^5\})$	1024
24	$\mathcal{O}(0; \{24^2, 12, 4^6, 3^3, 2\})$	11264
24	$\mathcal{O}(0; \{24^2, 12, 4^8, 2^2\})$	4096
24	$\mathcal{O}(0; \{24^2, 12, 6, 3, 2^{11}\})$	80
24	$\mathcal{O}(0; \{24^2, 12, 6, 3^4, 2^7\})$	688
24	$\mathcal{O}(0; \{24^2, 12, 6, 3^7, 2^3\})$	5456
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^2, 3, 2^8\})$	320
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^2, 3^4, 2^4\})$	2752
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^2, 3^7\})$	21824
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^4, 3, 2^5\})$	1280
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^4, 3^4, 2\})$	11008
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^6, 3, 2^2\})$	5120
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 3^2, 2^8\})$	336
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 3^5, 2^4\})$	2736
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 3^8\})$	21840
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^2, 3^2, 2^5\})$	1344
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^2, 3^5, 2\})$	10944
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^4, 3^2, 2^2\})$	5376
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 2^9\})$	176
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 3^3, 2^5\})$	1360
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 3^6, 2\})$	10928
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4^2, 2^6\})$	704
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4^2, 3^3, 2^2\})$	5440
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4^4, 2^3\})$	2816
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4^6\})$	11264
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 3, 2^6\})$	688

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 3^4, 2^2\})$	5456
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 4^2, 3, 2^3\})$	2752
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 4^4, 3\})$	11008
24	$\mathcal{O}(0; \{24^2, 12, 6^5, 3^2, 2^3\})$	2736
24	$\mathcal{O}(0; \{24^2, 12, 6^5, 4^2, 3^2\})$	10944
24	$\mathcal{O}(0; \{24^2, 12, 6^6, 2^4\})$	1360
24	$\mathcal{O}(0; \{24^2, 12, 6^6, 3^3\})$	10928
24	$\mathcal{O}(0; \{24^2, 12, 6^6, 4^2, 2\})$	5440
24	$\mathcal{O}(0; \{24^2, 12, 6^7, 3, 2\})$	5456
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4, 2^9\})$	512
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4, 3^3, 2^5\})$	5632
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4, 3^6, 2\})$	43520
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^3, 2^6\})$	2048
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^3, 3^3, 2^2\})$	22528
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^5, 2^3\})$	8192
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^7\})$	32768
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4, 3, 2^6\})$	2560
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4, 3^4, 2^2\})$	22016
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4^3, 3, 2^3\})$	10240
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4^5, 3\})$	40960
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^2, 4, 3^2, 2^3\})$	10752
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^2, 4^3, 3^2\})$	43008
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^3, 4, 2^4\})$	5632
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^3, 4, 3^3\})$	43520
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^3, 4^3, 2\})$	22528
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^4, 4, 3, 2\})$	22016
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 2^7\})$	4096
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 3^3, 2^3\})$	45056
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 4^2, 2^4\})$	16384
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 4^2, 3^3\})$	180224
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 4^4, 2\})$	65536
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6, 3, 2^4\})$	20480
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6, 3^4\})$	176128
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6, 4^2, 3, 2\})$	81920
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6^2, 3^2, 2\})$	86016
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6^3, 2^2\})$	45056
24	$\mathcal{O}(0; \{24^2, 12, 8^6, 4, 2^2\})$	131072
24	$\mathcal{O}(0; \{24^2, 12, 8^8\})$	1048576
24	$\mathcal{O}(0; \{24^2, 12^2, 4, 3^2, 2^8\})$	704
24	$\mathcal{O}(0; \{24^2, 12^2, 4, 3^5, 2^4\})$	5440
24	$\mathcal{O}(0; \{24^2, 12^2, 4, 3^8\})$	43712
24	$\mathcal{O}(0; \{24^2, 12^2, 4^3, 3^2, 2^5\})$	2816
24	$\mathcal{O}(0; \{24^2, 12^2, 4^3, 3^5, 2\})$	21760

Continued on next page

Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12^2, 4^5, 3^2, 2^2\})$	11264
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4, 2^9\})$	320
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4, 3^3, 2^5\})$	2752
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4, 3^6, 2\})$	21824
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^3, 2^6\})$	1280
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^3, 3^3, 2^2\})$	11008
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^5, 2^3\})$	5120
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^7\})$	20480
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4, 3, 2^6\})$	1344
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4, 3^4, 2^2\})$	10944
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4^3, 3, 2^3\})$	5376
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4^5, 3\})$	21504
24	$\mathcal{O}(0; \{24^2, 12^2, 6^3, 4, 3^2, 2^3\})$	5440
24	$\mathcal{O}(0; \{24^2, 12^2, 6^3, 4^3, 3^2\})$	21760
24	$\mathcal{O}(0; \{24^2, 12^2, 6^4, 4, 2^4\})$	2752
24	$\mathcal{O}(0; \{24^2, 12^2, 6^4, 4, 3^3\})$	21824
24	$\mathcal{O}(0; \{24^2, 12^2, 6^4, 4^3, 2\})$	11008
24	$\mathcal{O}(0; \{24^2, 12^2, 6^5, 4, 3, 2\})$	10944
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 3^2, 2^6\})$	5632
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 3^5, 2^2\})$	43520
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 4^2, 3^2, 2^3\})$	22528
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 4^4, 3^2\})$	90112
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6, 2^7\})$	2560
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6, 3^3, 2^3\})$	22016
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6, 4^2, 2^4\})$	10240
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6, 4^2, 3^3\})$	88064
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6, 4^4, 2\})$	40960
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^2, 3, 2^4\})$	10752
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^2, 3^4\})$	87552
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^2, 4^2, 3, 2\})$	43008
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^3, 3^2, 2\})$	43520
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^4, 2^2\})$	22016
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 4, 3^2, 2\})$	180224
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 6, 4, 2^2\})$	81920
24	$\mathcal{O}(0; \{24^2, 12^2, 8^6, 6\})$	655360
24	$\mathcal{O}(0; \{24^2, 12^3, 3, 2^9\})$	704
24	$\mathcal{O}(0; \{24^2, 12^3, 3^4, 2^5\})$	5440
24	$\mathcal{O}(0; \{24^2, 12^3, 3^7, 2\})$	43712
24	$\mathcal{O}(0; \{24^2, 12^3, 4^2, 3, 2^6\})$	2816
24	$\mathcal{O}(0; \{24^2, 12^3, 4^2, 3^4, 2^2\})$	21760
24	$\mathcal{O}(0; \{24^2, 12^3, 4^4, 3, 2^3\})$	11264
24	$\mathcal{O}(0; \{24^2, 12^3, 4^6, 3\})$	45056
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 3^2, 2^6\})$	2752

Continued on next page

Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 3^5, 2^2\})$	21824
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 4^2, 3^2, 2^3\})$	11008
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 4^4, 3^2\})$	44032
24	$\mathcal{O}(0; \{24^2, 12^3, 6^2, 2^7\})$	1344
24	$\mathcal{O}(0; \{24^2, 12^3, 6^2, 3^3, 2^3\})$	10944
24	$\mathcal{O}(0; \{24^2, 12^3, 6^2, 4^2, 2^4\})$	5376
24	$\mathcal{O}(0; \{24^2, 12^3, 6^2, 4^2, 3^3\})$	43776
24	$\mathcal{O}(0; \{24^2, 12^3, 6^2, 4^4, 2\})$	21504
24	$\mathcal{O}(0; \{24^2, 12^3, 6^3, 3, 2^4\})$	5440
24	$\mathcal{O}(0; \{24^2, 12^3, 6^3, 3^4\})$	43712
24	$\mathcal{O}(0; \{24^2, 12^3, 6^3, 4^2, 3, 2\})$	21760
24	$\mathcal{O}(0; \{24^2, 12^3, 6^4, 3^2, 2\})$	21824
24	$\mathcal{O}(0; \{24^2, 12^3, 6^5, 2^2\})$	10944
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 4, 3, 2^4\})$	22528
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 4, 3^4\})$	174080
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 4^3, 3, 2\})$	90112
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6, 4, 3^2, 2\})$	88064
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6^2, 4, 2^2\})$	43008
24	$\mathcal{O}(0; \{24^2, 12^3, 8^4, 3, 2^2\})$	180224
24	$\mathcal{O}(0; \{24^2, 12^3, 8^4, 6^2\})$	344064
24	$\mathcal{O}(0; \{24^2, 12^4, 4, 2^7\})$	2816
24	$\mathcal{O}(0; \{24^2, 12^4, 4, 3^3, 2^3\})$	21760
24	$\mathcal{O}(0; \{24^2, 12^4, 4^3, 2^4\})$	11264
24	$\mathcal{O}(0; \{24^2, 12^4, 4^3, 3^3\})$	87040
24	$\mathcal{O}(0; \{24^2, 12^4, 4^5, 2\})$	45056
24	$\mathcal{O}(0; \{24^2, 12^4, 6, 4, 3, 2^4\})$	11008
24	$\mathcal{O}(0; \{24^2, 12^4, 6, 4, 3^4\})$	87296
24	$\mathcal{O}(0; \{24^2, 12^4, 6, 4^3, 3, 2\})$	44032
24	$\mathcal{O}(0; \{24^2, 12^4, 6^2, 4, 3^2, 2\})$	43776
24	$\mathcal{O}(0; \{24^2, 12^4, 6^3, 4, 2^2\})$	21760
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 2^5\})$	22528
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 3^3, 2\})$	174080
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 4^2, 2^2\})$	90112
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 6, 3, 2^2\})$	88064
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 6^3\})$	174080
24	$\mathcal{O}(0; \{24^2, 12^4, 8^4, 4\})$	720896
24	$\mathcal{O}(0; \{24^2, 12^5, 3^2, 2^4\})$	21760
24	$\mathcal{O}(0; \{24^2, 12^5, 3^5\})$	174848
24	$\mathcal{O}(0; \{24^2, 12^5, 4^2, 3^2, 2\})$	87040
24	$\mathcal{O}(0; \{24^2, 12^5, 6, 2^5\})$	11008
24	$\mathcal{O}(0; \{24^2, 12^5, 6, 3^3, 2\})$	87296
24	$\mathcal{O}(0; \{24^2, 12^5, 6, 4^2, 2^2\})$	44032
24	$\mathcal{O}(0; \{24^2, 12^5, 6^2, 3, 2^2\})$	43776

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12^5, 6^4\})$	87296
24	$\mathcal{O}(0; \{24^2, 12^5, 8^2, 6, 4\})$	352256
24	$\mathcal{O}(0; \{24^2, 12^6, 4, 3, 2^2\})$	87040
24	$\mathcal{O}(0; \{24^2, 12^6, 6^2, 4\})$	175104
24	$\mathcal{O}(0; \{24^2, 12^6, 8^2, 3\})$	696320
24	$\mathcal{O}(0; \{24^2, 12^7, 2^3\})$	87040
24	$\mathcal{O}(0; \{24^2, 12^7, 4^2\})$	348160
24	$\mathcal{O}(0; \{24^2, 12^7, 6, 3\})$	349184
24	$\mathcal{O}(0; \{24^3, 8, 4, 3^2, 2^8\})$	1280
24	$\mathcal{O}(0; \{24^3, 8, 4, 3^5, 2^4\})$	11008
24	$\mathcal{O}(0; \{24^3, 8, 4, 3^8\})$	87296
24	$\mathcal{O}(0; \{24^3, 8, 4^3, 3^2, 2^5\})$	5120
24	$\mathcal{O}(0; \{24^3, 8, 4^3, 3^5, 2\})$	44032
24	$\mathcal{O}(0; \{24^3, 8, 4^5, 3^2, 2^2\})$	20480
24	$\mathcal{O}(0; \{24^3, 8, 6, 4, 2^9\})$	768
24	$\mathcal{O}(0; \{24^3, 8, 6, 4, 3^3, 2^5\})$	5376
24	$\mathcal{O}(0; \{24^3, 8, 6, 4, 3^6, 2\})$	43776
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^3, 2^6\})$	3072
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^3, 3^3, 2^2\})$	21504
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^5, 2^3\})$	12288
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^7\})$	49152
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4, 3, 2^6\})$	2816
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4, 3^4, 2^2\})$	21760
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4^3, 3, 2^3\})$	11264
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4^5, 3\})$	45056
24	$\mathcal{O}(0; \{24^3, 8, 6^3, 4, 3^2, 2^3\})$	11008
24	$\mathcal{O}(0; \{24^3, 8, 6^3, 4^3, 3^2\})$	44032
24	$\mathcal{O}(0; \{24^3, 8, 6^4, 4, 2^4\})$	5376
24	$\mathcal{O}(0; \{24^3, 8, 6^4, 4, 3^3\})$	43776
24	$\mathcal{O}(0; \{24^3, 8, 6^4, 4^3, 2\})$	21504
24	$\mathcal{O}(0; \{24^3, 8, 6^5, 4, 3, 2\})$	21760
24	$\mathcal{O}(0; \{24^3, 8^3, 3^2, 2^6\})$	10240
24	$\mathcal{O}(0; \{24^3, 8^3, 3^5, 2^2\})$	88064
24	$\mathcal{O}(0; \{24^3, 8^3, 4^2, 3^2, 2^3\})$	40960
24	$\mathcal{O}(0; \{24^3, 8^3, 4^4, 3^2\})$	163840
24	$\mathcal{O}(0; \{24^3, 8^3, 6, 2^7\})$	6144
24	$\mathcal{O}(0; \{24^3, 8^3, 6, 3^3, 2^3\})$	43008
24	$\mathcal{O}(0; \{24^3, 8^3, 6, 4^2, 2^4\})$	24576
24	$\mathcal{O}(0; \{24^3, 8^3, 6, 4^2, 3^3\})$	172032
24	$\mathcal{O}(0; \{24^3, 8^3, 6, 4^4, 2\})$	98304
24	$\mathcal{O}(0; \{24^3, 8^3, 6^2, 3, 2^4\})$	22528
24	$\mathcal{O}(0; \{24^3, 8^3, 6^2, 3^4\})$	174080
24	$\mathcal{O}(0; \{24^3, 8^3, 6^2, 4^2, 3, 2\})$	90112

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^3, 8^3, 6^3, 3^2, 2\})$	88064
24	$\mathcal{O}(0; \{24^3, 8^3, 6^4, 2^2\})$	43008
24	$\mathcal{O}(0; \{24^3, 8^5, 4, 3^2, 2\})$	327680
24	$\mathcal{O}(0; \{24^3, 8^5, 6, 4, 2^2\})$	196608
24	$\mathcal{O}(0; \{24^3, 8^7, 6\})$	1572864
24	$\mathcal{O}(0; \{24^3, 12, 8, 3, 2^9\})$	1280
24	$\mathcal{O}(0; \{24^3, 12, 8, 3^4, 2^5\})$	11008
24	$\mathcal{O}(0; \{24^3, 12, 8, 3^7, 2\})$	87296
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^2, 3, 2^6\})$	5120
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^2, 3^4, 2^2\})$	44032
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^4, 3, 2^3\})$	20480
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^6, 3\})$	81920
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 3^2, 2^6\})$	5376
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 3^5, 2^2\})$	43776
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 4^2, 3^2, 2^3\})$	21504
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 4^4, 3^2\})$	86016
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^2, 2^7\})$	2816
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^2, 3^3, 2^3\})$	21760
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^2, 4^2, 2^4\})$	11264
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^2, 4^2, 3^3\})$	87040
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^2, 4^4, 2\})$	45056
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^3, 3, 2^4\})$	11008
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^3, 3^4\})$	87296
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^3, 4^2, 3, 2\})$	44032
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^4, 3^2, 2\})$	43776
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^5, 2^2\})$	21760
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 4, 3, 2^4\})$	40960
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 4, 3^4\})$	352256
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 4^3, 3, 2\})$	163840
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6, 4, 3^2, 2\})$	172032
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6^2, 4, 2^2\})$	90112
24	$\mathcal{O}(0; \{24^3, 12, 8^5, 3, 2^2\})$	327680
24	$\mathcal{O}(0; \{24^3, 12, 8^5, 6^2\})$	720896
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 4, 2^7\})$	5120
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 4, 3^3, 2^3\})$	44032
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 4^3, 2^4\})$	20480
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 4^3, 3^3\})$	176128
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 4^5, 2\})$	81920
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6, 4, 3, 2^4\})$	21504
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6, 4, 3^4\})$	175104
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6, 4^3, 3, 2\})$	86016
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^2, 4, 3^2, 2\})$	87040
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^3, 4, 2^2\})$	44032

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 2^5\})$	40960
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 3^3, 2\})$	352256
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 4^2, 2^2\})$	163840
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 6, 3, 2^2\})$	172032
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 6^3\})$	352256
24	$\mathcal{O}(0; \{24^3, 12^2, 8^5, 4\})$	1310720
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 3^2, 2^4\})$	44032
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 3^5\})$	349184
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 4^2, 3^2, 2\})$	176128
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6, 2^5\})$	21504
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6, 3^3, 2\})$	175104
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6, 4^2, 2^2\})$	86016
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6^2, 3, 2^2\})$	87040
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6^4\})$	175104
24	$\mathcal{O}(0; \{24^3, 12^3, 8^3, 6, 4\})$	688128
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 4, 3, 2^2\})$	176128
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 6^2, 4\})$	348160
24	$\mathcal{O}(0; \{24^3, 12^4, 8^3, 3\})$	1409024
24	$\mathcal{O}(0; \{24^3, 12^5, 8, 2^3\})$	176128
24	$\mathcal{O}(0; \{24^3, 12^5, 8, 4^2\})$	704512
24	$\mathcal{O}(0; \{24^3, 12^5, 8, 6, 3\})$	700416
24	$\mathcal{O}(0; \{24^4, 2^{12}\})$	384
24	$\mathcal{O}(0; \{24^4, 3^3, 2^8\})$	2688
24	$\mathcal{O}(0; \{24^4, 3^6, 2^4\})$	21888
24	$\mathcal{O}(0; \{24^4, 3^9\})$	174720
24	$\mathcal{O}(0; \{24^4, 4^2, 2^9\})$	1536
24	$\mathcal{O}(0; \{24^4, 4^2, 3^3, 2^5\})$	10752
24	$\mathcal{O}(0; \{24^4, 4^2, 3^6, 2\})$	87552
24	$\mathcal{O}(0; \{24^4, 4^4, 2^6\})$	6144
24	$\mathcal{O}(0; \{24^4, 4^4, 3^3, 2^2\})$	43008
24	$\mathcal{O}(0; \{24^4, 4^6, 2^3\})$	24576
24	$\mathcal{O}(0; \{24^4, 4^8\})$	98304
24	$\mathcal{O}(0; \{24^4, 6, 3, 2^9\})$	1408
24	$\mathcal{O}(0; \{24^4, 6, 3^4, 2^5\})$	10880
24	$\mathcal{O}(0; \{24^4, 6, 3^7, 2\})$	87424
24	$\mathcal{O}(0; \{24^4, 6, 4^2, 3, 2^6\})$	5632
24	$\mathcal{O}(0; \{24^4, 6, 4^2, 3^4, 2^2\})$	43520
24	$\mathcal{O}(0; \{24^4, 6, 4^4, 3, 2^3\})$	22528
24	$\mathcal{O}(0; \{24^4, 6, 4^6, 3\})$	90112
24	$\mathcal{O}(0; \{24^4, 6^2, 3^2, 2^6\})$	5504
24	$\mathcal{O}(0; \{24^4, 6^2, 3^5, 2^2\})$	43648
24	$\mathcal{O}(0; \{24^4, 6^2, 4^2, 3^2, 2^3\})$	22016
24	$\mathcal{O}(0; \{24^4, 6^2, 4^4, 3^2\})$	88064

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^4, 6^3, 2^7\})$	2688
24	$\mathcal{O}(0; \{24^4, 6^3, 3^3, 2^3\})$	21888
24	$\mathcal{O}(0; \{24^4, 6^3, 4^2, 2^4\})$	10752
24	$\mathcal{O}(0; \{24^4, 6^3, 4^2, 3^3\})$	87552
24	$\mathcal{O}(0; \{24^4, 6^3, 4^4, 2\})$	43008
24	$\mathcal{O}(0; \{24^4, 6^4, 3, 2^4\})$	10880
24	$\mathcal{O}(0; \{24^4, 6^4, 3^4\})$	87424
24	$\mathcal{O}(0; \{24^4, 6^4, 4^2, 3, 2\})$	43520
24	$\mathcal{O}(0; \{24^4, 6^5, 3^2, 2\})$	43648
24	$\mathcal{O}(0; \{24^4, 6^6, 2^2\})$	21888
24	$\mathcal{O}(0; \{24^4, 8^2, 4, 2^7\})$	12288
24	$\mathcal{O}(0; \{24^4, 8^2, 4, 3^3, 2^3\})$	86016
24	$\mathcal{O}(0; \{24^4, 8^2, 4^3, 2^4\})$	49152
24	$\mathcal{O}(0; \{24^4, 8^2, 4^3, 3^3\})$	344064
24	$\mathcal{O}(0; \{24^4, 8^2, 4^5, 2\})$	196608
24	$\mathcal{O}(0; \{24^4, 8^2, 6, 4, 3, 2^4\})$	45056
24	$\mathcal{O}(0; \{24^4, 8^2, 6, 4, 3^4\})$	348160
24	$\mathcal{O}(0; \{24^4, 8^2, 6, 4^3, 3, 2\})$	180224
24	$\mathcal{O}(0; \{24^4, 8^2, 6^2, 4, 3^2, 2\})$	176128
24	$\mathcal{O}(0; \{24^4, 8^2, 6^3, 4, 2^2\})$	86016
24	$\mathcal{O}(0; \{24^4, 8^4, 2^5\})$	98304
24	$\mathcal{O}(0; \{24^4, 8^4, 3^3, 2\})$	688128
24	$\mathcal{O}(0; \{24^4, 8^4, 4^2, 2^2\})$	393216
24	$\mathcal{O}(0; \{24^4, 8^4, 6, 3, 2^2\})$	360448
24	$\mathcal{O}(0; \{24^4, 8^4, 6^3\})$	688128
24	$\mathcal{O}(0; \{24^4, 8^6, 4\})$	3145728
24	$\mathcal{O}(0; \{24^4, 12, 4, 3^2, 2^6\})$	10752
24	$\mathcal{O}(0; \{24^4, 12, 4, 3^5, 2^2\})$	87552
24	$\mathcal{O}(0; \{24^4, 12, 4^3, 3^2, 2^3\})$	43008
24	$\mathcal{O}(0; \{24^4, 12, 4^5, 3^2\})$	172032
24	$\mathcal{O}(0; \{24^4, 12, 6, 4, 2^7\})$	5632
24	$\mathcal{O}(0; \{24^4, 12, 6, 4, 3^3, 2^3\})$	43520
24	$\mathcal{O}(0; \{24^4, 12, 6, 4^3, 2^4\})$	22528
24	$\mathcal{O}(0; \{24^4, 12, 6, 4^3, 3^3\})$	174080
24	$\mathcal{O}(0; \{24^4, 12, 6, 4^5, 2\})$	90112
24	$\mathcal{O}(0; \{24^4, 12, 6^2, 4, 3, 2^4\})$	22016
24	$\mathcal{O}(0; \{24^4, 12, 6^2, 4, 3^4\})$	174592
24	$\mathcal{O}(0; \{24^4, 12, 6^2, 4^3, 3, 2\})$	88064
24	$\mathcal{O}(0; \{24^4, 12, 6^3, 4, 3^2, 2\})$	87552
24	$\mathcal{O}(0; \{24^4, 12, 6^4, 4, 2^2\})$	43520
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 3^2, 2^4\})$	86016
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 3^5\})$	700416
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 4^2, 3^2, 2\})$	344064

Continued on next page

Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6, 2^5\})$	45056
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6, 3^3, 2\})$	348160
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6, 4^2, 2^2\})$	180224
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6^2, 3, 2^2\})$	176128
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6^4\})$	348160
24	$\mathcal{O}(0; \{24^4, 12, 8^4, 6, 4\})$	1441792
24	$\mathcal{O}(0; \{24^4, 12^2, 3, 2^7\})$	10752
24	$\mathcal{O}(0; \{24^4, 12^2, 3^4, 2^3\})$	87552
24	$\mathcal{O}(0; \{24^4, 12^2, 4^2, 3, 2^4\})$	43008
24	$\mathcal{O}(0; \{24^4, 12^2, 4^2, 3^4\})$	350208
24	$\mathcal{O}(0; \{24^4, 12^2, 4^4, 3, 2\})$	172032
24	$\mathcal{O}(0; \{24^4, 12^2, 6, 3^2, 2^4\})$	43520
24	$\mathcal{O}(0; \{24^4, 12^2, 6, 3^5\})$	349696
24	$\mathcal{O}(0; \{24^4, 12^2, 6, 4^2, 3^2, 2\})$	174080
24	$\mathcal{O}(0; \{24^4, 12^2, 6^2, 2^5\})$	22016
24	$\mathcal{O}(0; \{24^4, 12^2, 6^2, 3^3, 2\})$	174592
24	$\mathcal{O}(0; \{24^4, 12^2, 6^2, 4^2, 2^2\})$	88064
24	$\mathcal{O}(0; \{24^4, 12^2, 6^3, 3, 2^2\})$	87552
24	$\mathcal{O}(0; \{24^4, 12^2, 6^5\})$	174592
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 4, 3, 2^2\})$	344064
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 6^2, 4\})$	704512
24	$\mathcal{O}(0; \{24^4, 12^2, 8^4, 3\})$	2752512
24	$\mathcal{O}(0; \{24^4, 12^3, 4, 2^5\})$	43008
24	$\mathcal{O}(0; \{24^4, 12^3, 4, 3^3, 2\})$	350208
24	$\mathcal{O}(0; \{24^4, 12^3, 4^3, 2^2\})$	172032
24	$\mathcal{O}(0; \{24^4, 12^3, 6, 4, 3, 2^2\})$	174080
24	$\mathcal{O}(0; \{24^4, 12^3, 6^3, 4\})$	350208
24	$\mathcal{O}(0; \{24^4, 12^3, 8^2, 2^3\})$	344064
24	$\mathcal{O}(0; \{24^4, 12^3, 8^2, 4^2\})$	1376256
24	$\mathcal{O}(0; \{24^4, 12^3, 8^2, 6, 3\})$	1392640
24	$\mathcal{O}(0; \{24^4, 12^4, 3^2, 2^2\})$	350208
24	$\mathcal{O}(0; \{24^4, 12^4, 6, 2^3\})$	174080
24	$\mathcal{O}(0; \{24^4, 12^4, 6, 4^2\})$	696320
24	$\mathcal{O}(0; \{24^4, 12^4, 6^2, 3\})$	698368
24	$\mathcal{O}(0; \{24^4, 12^5, 4, 3\})$	1400832
24	$\mathcal{O}(0; \{24^4, 12^6, 2\})$	1400832
24	$\mathcal{O}(0; \{24^5, 8, 3, 2^7\})$	22528
24	$\mathcal{O}(0; \{24^5, 8, 3^4, 2^3\})$	174080
24	$\mathcal{O}(0; \{24^5, 8, 4^2, 3, 2^4\})$	90112
24	$\mathcal{O}(0; \{24^5, 8, 4^2, 3^4\})$	696320
24	$\mathcal{O}(0; \{24^5, 8, 4^4, 3, 2\})$	360448
24	$\mathcal{O}(0; \{24^5, 8, 6, 3^2, 2^4\})$	88064
24	$\mathcal{O}(0; \{24^5, 8, 6, 3^5\})$	698368

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^5, 8, 6, 4^2, 3^2, 2\})$	352256
24	$\mathcal{O}(0; \{24^5, 8, 6^2, 2^5\})$	43008
24	$\mathcal{O}(0; \{24^5, 8, 6^2, 3^3, 2\})$	350208
24	$\mathcal{O}(0; \{24^5, 8, 6^2, 4^2, 2^2\})$	172032
24	$\mathcal{O}(0; \{24^5, 8, 6^3, 3, 2^2\})$	174080
24	$\mathcal{O}(0; \{24^5, 8, 6^5\})$	350208
24	$\mathcal{O}(0; \{24^5, 8^3, 4, 3, 2^2\})$	720896
24	$\mathcal{O}(0; \{24^5, 8^3, 6^2, 4\})$	1376256
24	$\mathcal{O}(0; \{24^5, 8^5, 3\})$	5767168
24	$\mathcal{O}(0; \{24^5, 12, 8, 4, 2^5\})$	90112
24	$\mathcal{O}(0; \{24^5, 12, 8, 4, 3^3, 2\})$	696320
24	$\mathcal{O}(0; \{24^5, 12, 8, 4^3, 2^2\})$	360448
24	$\mathcal{O}(0; \{24^5, 12, 8, 6, 4, 3, 2^2\})$	352256
24	$\mathcal{O}(0; \{24^5, 12, 8, 6^3, 4\})$	696320
24	$\mathcal{O}(0; \{24^5, 12, 8^3, 2^3\})$	720896
24	$\mathcal{O}(0; \{24^5, 12, 8^3, 4^2\})$	2883584
24	$\mathcal{O}(0; \{24^5, 12, 8^3, 6, 3\})$	2818048
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 3^2, 2^2\})$	696320
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 6, 2^3\})$	352256
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 6, 4^2\})$	1409024
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 6^2, 3\})$	1400832
24	$\mathcal{O}(0; \{24^5, 12^3, 8, 4, 3\})$	2785280
24	$\mathcal{O}(0; \{24^5, 12^4, 8, 2\})$	2785280
24	$\mathcal{O}(0; \{24^6, 4, 3^2, 2^4\})$	176128
24	$\mathcal{O}(0; \{24^6, 4, 3^5\})$	1396736
24	$\mathcal{O}(0; \{24^6, 4^3, 3^2, 2\})$	704512
24	$\mathcal{O}(0; \{24^6, 6, 4, 2^5\})$	86016
24	$\mathcal{O}(0; \{24^6, 6, 4, 3^3, 2\})$	700416
24	$\mathcal{O}(0; \{24^6, 6, 4^3, 2^2\})$	344064
24	$\mathcal{O}(0; \{24^6, 6^2, 4, 3, 2^2\})$	348160
24	$\mathcal{O}(0; \{24^6, 6^4, 4\})$	700416
24	$\mathcal{O}(0; \{24^6, 8^2, 3^2, 2^2\})$	1409024
24	$\mathcal{O}(0; \{24^6, 8^2, 6, 2^3\})$	688128
24	$\mathcal{O}(0; \{24^6, 8^2, 6, 4^2\})$	2752512
24	$\mathcal{O}(0; \{24^6, 8^2, 6^2, 3\})$	2785280
24	$\mathcal{O}(0; \{24^6, 12, 3, 2^5\})$	176128
24	$\mathcal{O}(0; \{24^6, 12, 3^4, 2\})$	1396736
24	$\mathcal{O}(0; \{24^6, 12, 4^2, 3, 2^2\})$	704512
24	$\mathcal{O}(0; \{24^6, 12, 6, 3^2, 2^2\})$	700416
24	$\mathcal{O}(0; \{24^6, 12, 6^2, 2^3\})$	348160
24	$\mathcal{O}(0; \{24^6, 12, 6^2, 4^2\})$	1392640
24	$\mathcal{O}(0; \{24^6, 12, 6^3, 3\})$	1396736
24	$\mathcal{O}(0; \{24^6, 12, 8^2, 4, 3\})$	5636096

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^6, 12^2, 4, 2^3\})$	704512
24	$\mathcal{O}(0; \{24^6, 12^2, 4^3\})$	2818048
24	$\mathcal{O}(0; \{24^6, 12^2, 6, 4, 3\})$	2801664
24	$\mathcal{O}(0; \{24^6, 12^2, 8^2, 2\})$	5636096
24	$\mathcal{O}(0; \{24^6, 12^3, 3^2\})$	5586944
24	$\mathcal{O}(0; \{24^6, 12^3, 6, 2\})$	2801664
24	$\mathcal{O}(0; \{24^7, 8, 4, 2^3\})$	1376256
24	$\mathcal{O}(0; \{24^7, 8, 4^3\})$	5505024
24	$\mathcal{O}(0; \{24^7, 8, 6, 4, 3\})$	5570560
24	$\mathcal{O}(0; \{24^7, 8^3, 2\})$	11010048
24	$\mathcal{O}(0; \{24^7, 12, 8, 3^2\})$	11206656
24	$\mathcal{O}(0; \{24^7, 12, 8, 6, 2\})$	5570560
24	$\mathcal{O}(0; \{24^8, 3, 2^3\})$	2785280
24	$\mathcal{O}(0; \{24^8, 4^2, 3\})$	11141120
24	$\mathcal{O}(0; \{24^8, 6, 3^2\})$	11173888
24	$\mathcal{O}(0; \{24^8, 6^2, 2\})$	5603328
24	$\mathcal{O}(0; \{24^8, 12, 4, 2\})$	11141120
25	$\mathcal{O}(3; \{25^2, 5^2\})$	7812500000
25	$\mathcal{O}(1; \{25^2, 5^7\})$	204800000
25	$\mathcal{O}(1; \{25^7, 5\})$	127968750000
26	$\mathcal{O}(2; \{26, 13^3, 2^3\})$	729333696
26	$\mathcal{O}(2; \{26^3, 13^2, 2\})$	8746520640
26	$\mathcal{O}(1; \{26, 13^3, 2^7\})$	1078896
26	$\mathcal{O}(1; \{26^3, 13^2, 2^5\})$	12938640
26	$\mathcal{O}(1; \{26^5, 13, 2^3\})$	155271792
26	$\mathcal{O}(1; \{26^7, 2\})$	1863253392
26	$\mathcal{O}(0; \{26, 13^3, 2^{11}\})$	1596
26	$\mathcal{O}(0; \{26^3, 13^2, 2^9\})$	19140
26	$\mathcal{O}(0; \{26^5, 13, 2^7\})$	229692
26	$\mathcal{O}(0; \{26^7, 2^5\})$	2756292
27	$\mathcal{O}(1; \{27^4, 9^2, 3^2\})$	459165024
27	$\mathcal{O}(0; \{27^4, 9^2, 3^5\})$	5038848
27	$\mathcal{O}(0; \{27^4, 9^5, 3\})$	68024448
27	$\mathcal{O}(0; \{27^7, 9, 3^2\})$	535692528
28	$\mathcal{O}(3; \{7^2, 2^2\})$	2846164608
28	$\mathcal{O}(3; \{14^2, 7\})$	14230823040
28	$\mathcal{O}(2; \{7^2, 2^6\})$	3457440
28	$\mathcal{O}(2; \{7^2, 4^2, 2^3\})$	7375872
28	$\mathcal{O}(2; \{7^2, 4^4\})$	29503488
28	$\mathcal{O}(2; \{14^2, 7, 2^4\})$	17287200
28	$\mathcal{O}(2; \{14^2, 7, 4^2, 2\})$	36879360
28	$\mathcal{O}(2; \{14^4, 2^2\})$	107180640
28	$\mathcal{O}(2; \{28^2, 14, 7, 2^2\})$	228652032

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(2; \{28^2, 14^3\})$	1364536320
28	$\mathcal{O}(2; \{28^4, 7\})$	5458145280
28	$\mathcal{O}(1; \{7^2, 2^{10}\})$	3528
28	$\mathcal{O}(1; \{7^2, 4^2, 2^7\})$	9408
28	$\mathcal{O}(1; \{7^2, 4^4, 2^4\})$	37632
28	$\mathcal{O}(1; \{7^2, 4^6, 2\})$	150528
28	$\mathcal{O}(1; \{14, 7^5, 2^3\})$	3919608
28	$\mathcal{O}(1; \{14, 7^5, 4^2\})$	10452288
28	$\mathcal{O}(1; \{14^2, 7, 2^8\})$	17640
28	$\mathcal{O}(1; \{14^2, 7, 4^2, 2^5\})$	47040
28	$\mathcal{O}(1; \{14^2, 7, 4^4, 2^2\})$	188160
28	$\mathcal{O}(1; \{14^3, 7^4, 2\})$	23514120
28	$\mathcal{O}(1; \{14^4, 2^6\})$	109368
28	$\mathcal{O}(1; \{14^4, 4^2, 2^3\})$	291648
28	$\mathcal{O}(1; \{14^4, 4^4\})$	1166592
28	$\mathcal{O}(1; \{28, 14, 7^3, 4, 2^3\})$	1740480
28	$\mathcal{O}(1; \{28, 14, 7^3, 4^3\})$	6961920
28	$\mathcal{O}(1; \{28, 14^3, 7^2, 4, 2\})$	10452288
28	$\mathcal{O}(1; \{28^2, 7^5, 2\})$	62704320
28	$\mathcal{O}(1; \{28^2, 14, 7, 2^6\})$	291648
28	$\mathcal{O}(1; \{28^2, 14, 7, 4^2, 2^3\})$	1166592
28	$\mathcal{O}(1; \{28^2, 14, 7, 4^4\})$	4666368
28	$\mathcal{O}(1; \{28^2, 14^3, 2^4\})$	1740480
28	$\mathcal{O}(1; \{28^2, 14^3, 4^2, 2\})$	6961920
28	$\mathcal{O}(1; \{28^3, 7^3, 4, 2\})$	41809152
28	$\mathcal{O}(1; \{28^4, 7, 2^4\})$	6961920
28	$\mathcal{O}(1; \{28^4, 7, 4^2, 2\})$	27847680
28	$\mathcal{O}(1; \{28^4, 14^2, 2^2\})$	41809152
28	$\mathcal{O}(1; \{28^6, 14\})$	1003269120
28	$\mathcal{O}(0; \{7^2, 4^2, 2^{11}\})$	12
28	$\mathcal{O}(0; \{7^2, 4^4, 2^8\})$	48
28	$\mathcal{O}(0; \{7^2, 4^6, 2^5\})$	192
28	$\mathcal{O}(0; \{7^2, 4^8, 2^2\})$	768
28	$\mathcal{O}(0; \{14, 7^5, 4^2, 2^4\})$	13332
28	$\mathcal{O}(0; \{14, 7^5, 4^4, 2\})$	53328
28	$\mathcal{O}(0; \{14^2, 7, 4^2, 2^9\})$	60
28	$\mathcal{O}(0; \{14^2, 7, 4^4, 2^6\})$	240
28	$\mathcal{O}(0; \{14^2, 7, 4^6, 2^3\})$	960
28	$\mathcal{O}(0; \{14^2, 7, 4^8\})$	3840
28	$\mathcal{O}(0; \{14^3, 7^4, 4^2, 2^2\})$	79980
28	$\mathcal{O}(0; \{14^4, 4^2, 2^7\})$	372
28	$\mathcal{O}(0; \{14^4, 4^4, 2^4\})$	1488
28	$\mathcal{O}(0; \{14^4, 4^6, 2\})$	5952

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(0; \{14^5, 7^3, 4^2\})$	479892
28	$\mathcal{O}(0; \{28, 7^7, 4, 2^2\})$	479892
28	$\mathcal{O}(0; \{28, 14, 7^3, 4, 2^7\})$	2220
28	$\mathcal{O}(0; \{28, 14, 7^3, 4^3, 2^4\})$	8880
28	$\mathcal{O}(0; \{28, 14, 7^3, 4^5, 2\})$	35520
28	$\mathcal{O}(0; \{28, 14^2, 7^6, 4\})$	2879340
28	$\mathcal{O}(0; \{28, 14^3, 7^2, 4, 2^5\})$	13332
28	$\mathcal{O}(0; \{28, 14^3, 7^2, 4^3, 2^2\})$	53328
28	$\mathcal{O}(0; \{28, 14^5, 7, 4, 2^3\})$	79980
28	$\mathcal{O}(0; \{28, 14^5, 7, 4^3\})$	319920
28	$\mathcal{O}(0; \{28, 14^7, 4, 2\})$	479892
28	$\mathcal{O}(0; \{28^2, 7^5, 2^5\})$	79980
28	$\mathcal{O}(0; \{28^2, 7^5, 4^2, 2^2\})$	319920
28	$\mathcal{O}(0; \{28^2, 14, 7, 2^{10}\})$	372
28	$\mathcal{O}(0; \{28^2, 14, 7, 4^2, 2^7\})$	1488
28	$\mathcal{O}(0; \{28^2, 14, 7, 4^4, 2^4\})$	5952
28	$\mathcal{O}(0; \{28^2, 14, 7, 4^6, 2\})$	23808
28	$\mathcal{O}(0; \{28^2, 14^2, 7^4, 2^3\})$	479892
28	$\mathcal{O}(0; \{28^2, 14^2, 7^4, 4^2\})$	1919568
28	$\mathcal{O}(0; \{28^2, 14^3, 2^8\})$	2220
28	$\mathcal{O}(0; \{28^2, 14^3, 4^2, 2^5\})$	8880
28	$\mathcal{O}(0; \{28^2, 14^3, 4^4, 2^2\})$	35520
28	$\mathcal{O}(0; \{28^2, 14^4, 7^3, 2\})$	2879340
28	$\mathcal{O}(0; \{28^3, 7^3, 4, 2^5\})$	53328
28	$\mathcal{O}(0; \{28^3, 7^3, 4^3, 2^2\})$	213312
28	$\mathcal{O}(0; \{28^3, 14^2, 7^2, 4, 2^3\})$	319920
28	$\mathcal{O}(0; \{28^3, 14^2, 7^2, 4^3\})$	1279680
28	$\mathcal{O}(0; \{28^3, 14^4, 7, 4, 2\})$	1919568
28	$\mathcal{O}(0; \{28^4, 7, 2^8\})$	8880
28	$\mathcal{O}(0; \{28^4, 7, 4^2, 2^5\})$	35520
28	$\mathcal{O}(0; \{28^4, 7, 4^4, 2^2\})$	142080
28	$\mathcal{O}(0; \{28^4, 14, 7^4, 2\})$	11517360
28	$\mathcal{O}(0; \{28^4, 14^2, 2^6\})$	53328
28	$\mathcal{O}(0; \{28^4, 14^2, 4^2, 2^3\})$	213312
28	$\mathcal{O}(0; \{28^4, 14^2, 4^4\})$	853248
28	$\mathcal{O}(0; \{28^5, 14, 7^2, 4, 2\})$	7678272
28	$\mathcal{O}(0; \{28^6, 14, 2^4\})$	1279680
28	$\mathcal{O}(0; \{28^6, 14, 4^2, 2\})$	5118720
28	$\mathcal{O}(0; \{28^8, 2^2\})$	30713088
30	$\mathcal{O}(2; \{5^2, 3^4\})$	18225000
30	$\mathcal{O}(2; \{6, 5^2, 3^2, 2\})$	6480000
30	$\mathcal{O}(2; \{6^2, 5^2, 2^2\})$	6480000
30	$\mathcal{O}(2; \{10^2, 6^2, 5\})$	19440000

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(2; \{15, 10, 6, 5^2\})$	84240000
30	$\mathcal{O}(2; \{15^2, 5^3\})$	309825000
30	$\mathcal{O}(2; \{15^2, 10, 2^3\})$	19440000
30	$\mathcal{O}(2; \{15^2, 10, 6, 3\})$	58320000
30	$\mathcal{O}(2; \{15^3, 5, 3\})$	236925000
30	$\mathcal{O}(2; \{30, 5, 3^3, 2\})$	19440000
30	$\mathcal{O}(2; \{30, 6, 5, 3, 2^2\})$	6480000
30	$\mathcal{O}(2; \{30, 6^3, 5\})$	19440000
30	$\mathcal{O}(2; \{30, 10^2, 6, 3\})$	19440000
30	$\mathcal{O}(2; \{30, 15, 10, 5, 3\})$	84240000
30	$\mathcal{O}(2; \{30, 15^3, 2\})$	252720000
30	$\mathcal{O}(2; \{30^2, 3^2, 2^2\})$	19440000
30	$\mathcal{O}(2; \{30^2, 6, 2^3\})$	6480000
30	$\mathcal{O}(2; \{30^2, 6^2, 3\})$	32400000
30	$\mathcal{O}(2; \{30^2, 15, 10, 2\})$	84240000
30	$\mathcal{O}(1; \{5^2, 3^4, 2^4\})$	21600
30	$\mathcal{O}(1; \{5^2, 3^7\})$	113400
30	$\mathcal{O}(1; \{6, 5^2, 3^2, 2^5\})$	7200
30	$\mathcal{O}(1; \{6, 5^2, 3^5, 2\})$	79200
30	$\mathcal{O}(1; \{6^2, 5^2, 2^6\})$	7200
30	$\mathcal{O}(1; \{6^2, 5^2, 3^3, 2^2\})$	36000
30	$\mathcal{O}(1; \{6^3, 5^2, 3, 2^3\})$	21600
30	$\mathcal{O}(1; \{6^4, 5^2, 3^2\})$	79200
30	$\mathcal{O}(1; \{6^5, 5^2, 2\})$	36000
30	$\mathcal{O}(1; \{10, 6, 5^4, 3^2\})$	367200
30	$\mathcal{O}(1; \{10, 6^2, 5^4, 2\})$	367200
30	$\mathcal{O}(1; \{10^2, 5, 3^4, 2^2\})$	64800
30	$\mathcal{O}(1; \{10^2, 6, 5, 3^2, 2^3\})$	21600
30	$\mathcal{O}(1; \{10^2, 6^2, 5, 2^4\})$	21600
30	$\mathcal{O}(1; \{10^2, 6^2, 5, 3^3\})$	108000
30	$\mathcal{O}(1; \{10^2, 6^3, 5, 3, 2\})$	64800
30	$\mathcal{O}(1; \{10^4, 3^4\})$	280800
30	$\mathcal{O}(1; \{10^4, 6, 3^2, 2\})$	93600
30	$\mathcal{O}(1; \{10^4, 6^2, 2^2\})$	93600
30	$\mathcal{O}(1; \{15, 5^5, 3^2\})$	1107000
30	$\mathcal{O}(1; \{15, 6, 5^5, 2\})$	1476000
30	$\mathcal{O}(1; \{15, 10, 5^2, 3^2, 2^3\})$	93600
30	$\mathcal{O}(1; \{15, 10, 6, 5^2, 2^4\})$	93600
30	$\mathcal{O}(1; \{15, 10, 6, 5^2, 3^3\})$	468000
30	$\mathcal{O}(1; \{15, 10, 6^2, 5^2, 3, 2\})$	280800
30	$\mathcal{O}(1; \{15, 10^3, 5, 3^2, 2\})$	367200
30	$\mathcal{O}(1; \{15, 10^3, 6, 5, 2^2\})$	367200
30	$\mathcal{O}(1; \{15, 10^5, 6\})$	1476000

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{15^2, 5^3, 2^4\})$	367200
30	$\mathcal{O}(1; \{15^2, 5^3, 3^3\})$	1377000
30	$\mathcal{O}(1; \{15^2, 6, 5^3, 3, 2\})$	1101600
30	$\mathcal{O}(1; \{15^2, 10, 2^7\})$	21600
30	$\mathcal{O}(1; \{15^2, 10, 3^3, 2^3\})$	108000
30	$\mathcal{O}(1; \{15^2, 10, 6, 3, 2^4\})$	64800
30	$\mathcal{O}(1; \{15^2, 10, 6, 3^4\})$	453600
30	$\mathcal{O}(1; \{15^2, 10, 6^2, 3^2, 2\})$	237600
30	$\mathcal{O}(1; \{15^2, 10, 6^3, 2^2\})$	108000
30	$\mathcal{O}(1; \{15^2, 10^2, 5^2, 2^2\})$	1476000
30	$\mathcal{O}(1; \{15^2, 10^4, 5\})$	5896800
30	$\mathcal{O}(1; \{15^3, 5, 3, 2^4\})$	280800
30	$\mathcal{O}(1; \{15^3, 5, 3^4\})$	1474200
30	$\mathcal{O}(1; \{15^3, 6, 5, 3^2, 2\})$	1029600
30	$\mathcal{O}(1; \{15^3, 6^2, 5, 2^2\})$	468000
30	$\mathcal{O}(1; \{15^3, 10^2, 3, 2^2\})$	1101600
30	$\mathcal{O}(1; \{15^3, 10^2, 6^2\})$	1836000
30	$\mathcal{O}(1; \{15^4, 10, 6, 5\})$	7380000
30	$\mathcal{O}(1; \{15^5, 5^2\})$	22113000
30	$\mathcal{O}(1; \{15^6, 3\})$	23247000
30	$\mathcal{O}(1; \{30, 5, 3^3, 2^5\})$	21600
30	$\mathcal{O}(1; \{30, 5, 3^6, 2\})$	151200
30	$\mathcal{O}(1; \{30, 6, 5, 3, 2^6\})$	7200
30	$\mathcal{O}(1; \{30, 6, 5, 3^4, 2^2\})$	79200
30	$\mathcal{O}(1; \{30, 6^2, 5, 3^2, 2^3\})$	36000
30	$\mathcal{O}(1; \{30, 6^3, 5, 2^4\})$	21600
30	$\mathcal{O}(1; \{30, 6^3, 5, 3^3\})$	151200
30	$\mathcal{O}(1; \{30, 6^4, 5, 3, 2\})$	79200
30	$\mathcal{O}(1; \{30, 10, 5^3, 3^3\})$	1101600
30	$\mathcal{O}(1; \{30, 10, 6, 5^3, 3, 2\})$	367200
30	$\mathcal{O}(1; \{30, 10^2, 3^3, 2^3\})$	64800
30	$\mathcal{O}(1; \{30, 10^2, 6, 3, 2^4\})$	21600
30	$\mathcal{O}(1; \{30, 10^2, 6, 3^4\})$	237600
30	$\mathcal{O}(1; \{30, 10^2, 6^2, 3^2, 2\})$	108000
30	$\mathcal{O}(1; \{30, 10^2, 6^3, 2^2\})$	64800
30	$\mathcal{O}(1; \{30, 15, 5^4, 3, 2\})$	1476000
30	$\mathcal{O}(1; \{30, 15, 10, 5, 3, 2^4\})$	93600
30	$\mathcal{O}(1; \{30, 15, 10, 5, 3^4\})$	1029600
30	$\mathcal{O}(1; \{30, 15, 10, 6, 5, 3^2, 2\})$	468000
30	$\mathcal{O}(1; \{30, 15, 10, 6^2, 5, 2^2\})$	280800
30	$\mathcal{O}(1; \{30, 15, 10^3, 3, 2^2\})$	367200
30	$\mathcal{O}(1; \{30, 15, 10^3, 6^2\})$	1101600
30	$\mathcal{O}(1; \{30, 15^2, 5^2, 3^2, 2\})$	1836000

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{30, 15^2, 6, 5^2, 2^2\})$	1101600
30	$\mathcal{O}(1; \{30, 15^2, 10^2, 6, 5\})$	4428000
30	$\mathcal{O}(1; \{30, 15^3, 2^5\})$	280800
30	$\mathcal{O}(1; \{30, 15^3, 3^3, 2\})$	1965600
30	$\mathcal{O}(1; \{30, 15^3, 6, 3, 2^2\})$	1029600
30	$\mathcal{O}(1; \{30, 15^3, 6^3\})$	1965600
30	$\mathcal{O}(1; \{30, 15^3, 10, 5^2\})$	17690400
30	$\mathcal{O}(1; \{30, 15^4, 10, 3\})$	16236000
30	$\mathcal{O}(1; \{30^2, 3^2, 2^6\})$	21600
30	$\mathcal{O}(1; \{30^2, 3^5, 2^2\})$	151200
30	$\mathcal{O}(1; \{30^2, 6, 2^7\})$	7200
30	$\mathcal{O}(1; \{30^2, 6, 3^3, 2^3\})$	79200
30	$\mathcal{O}(1; \{30^2, 6^2, 3, 2^4\})$	36000
30	$\mathcal{O}(1; \{30^2, 6^2, 3^4\})$	309600
30	$\mathcal{O}(1; \{30^2, 6^3, 3^2, 2\})$	151200
30	$\mathcal{O}(1; \{30^2, 6^4, 2^2\})$	79200
30	$\mathcal{O}(1; \{30^2, 10, 5^2, 3^2, 2\})$	1101600
30	$\mathcal{O}(1; \{30^2, 10, 6, 5^2, 2^2\})$	367200
30	$\mathcal{O}(1; \{30^2, 10^3, 6, 5\})$	1476000
30	$\mathcal{O}(1; \{30^2, 15, 5^3, 2^2\})$	1476000
30	$\mathcal{O}(1; \{30^2, 15, 10, 2^5\})$	93600
30	$\mathcal{O}(1; \{30^2, 15, 10, 3^3, 2\})$	1029600
30	$\mathcal{O}(1; \{30^2, 15, 10, 6, 3, 2^2\})$	468000
30	$\mathcal{O}(1; \{30^2, 15, 10, 6^3\})$	1029600
30	$\mathcal{O}(1; \{30^2, 15, 10^2, 5^2\})$	5896800
30	$\mathcal{O}(1; \{30^2, 15^2, 5, 3, 2^2\})$	1836000
30	$\mathcal{O}(1; \{30^2, 15^2, 6^2, 5\})$	4039200
30	$\mathcal{O}(1; \{30^2, 15^2, 10^2, 3\})$	7380000
30	$\mathcal{O}(1; \{30^3, 10, 5, 3, 2^2\})$	1101600
30	$\mathcal{O}(1; \{30^3, 10, 6^2, 5\})$	1836000
30	$\mathcal{O}(1; \{30^3, 10^3, 3\})$	4428000
30	$\mathcal{O}(1; \{30^3, 15, 6, 5^2\})$	7380000
30	$\mathcal{O}(1; \{30^3, 15^2, 2^3\})$	1836000
30	$\mathcal{O}(1; \{30^3, 15^2, 6, 3\})$	7711200
30	$\mathcal{O}(1; \{30^4, 5^3\})$	17690400
30	$\mathcal{O}(1; \{30^4, 10, 2^3\})$	1101600
30	$\mathcal{O}(1; \{30^4, 10, 6, 3\})$	4039200
30	$\mathcal{O}(1; \{30^4, 15, 5, 3\})$	16236000
30	$\mathcal{O}(1; \{30^3, 15, 2\})$	16236000
30	$\mathcal{O}(0; \{5^2, 3^4, 2^8\})$	24
30	$\mathcal{O}(0; \{5^2, 3^7, 2^4\})$	168
30	$\mathcal{O}(0; \{6, 5^2, 3^2, 2^9\})$	8
30	$\mathcal{O}(0; \{6, 5^2, 3^5, 2^5\})$	88

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{6, 5^2, 3^8, 2\})$	680
30	$\mathcal{O}(0; \{6, 5^7, 3^2, 2\})$	6552
30	$\mathcal{O}(0; \{6^2, 5^2, 2^{10}\})$	8
30	$\mathcal{O}(0; \{6^2, 5^2, 3^3, 2^6\})$	40
30	$\mathcal{O}(0; \{6^2, 5^2, 3^6, 2^2\})$	344
30	$\mathcal{O}(0; \{6^2, 5^7, 2^2\})$	6552
30	$\mathcal{O}(0; \{6^3, 5^2, 3, 2^7\})$	24
30	$\mathcal{O}(0; \{6^3, 5^2, 3^4, 2^3\})$	168
30	$\mathcal{O}(0; \{6^4, 5^2, 3^2, 2^4\})$	88
30	$\mathcal{O}(0; \{6^4, 5^2, 3^5\})$	680
30	$\mathcal{O}(0; \{6^5, 5^2, 2^5\})$	40
30	$\mathcal{O}(0; \{6^5, 5^2, 3^3, 2\})$	344
30	$\mathcal{O}(0; \{6^6, 5^2, 3, 2^2\})$	168
30	$\mathcal{O}(0; \{6^8, 5^2\})$	344
30	$\mathcal{O}(0; \{10, 5^4, 3^4, 2^3\})$	1224
30	$\mathcal{O}(0; \{10, 6, 5^4, 3^2, 2^4\})$	408
30	$\mathcal{O}(0; \{10, 6, 5^4, 3^5\})$	4488
30	$\mathcal{O}(0; \{10, 6^2, 5^4, 2^5\})$	408
30	$\mathcal{O}(0; \{10, 6^2, 5^4, 3^3, 2\})$	2040
30	$\mathcal{O}(0; \{10, 6^3, 5^4, 3, 2^2\})$	1224
30	$\mathcal{O}(0; \{10, 6^5, 5^4\})$	2040
30	$\mathcal{O}(0; \{10^2, 5, 3^4, 2^6\})$	72
30	$\mathcal{O}(0; \{10^2, 5, 3^7, 2^2\})$	504
30	$\mathcal{O}(0; \{10^2, 6, 5, 3^2, 2^7\})$	24
30	$\mathcal{O}(0; \{10^2, 6, 5, 3^5, 2^3\})$	264
30	$\mathcal{O}(0; \{10^2, 6^2, 5, 2^8\})$	24
30	$\mathcal{O}(0; \{10^2, 6^2, 5, 3^3, 2^4\})$	120
30	$\mathcal{O}(0; \{10^2, 6^2, 5, 3^6\})$	1032
30	$\mathcal{O}(0; \{10^2, 6^2, 5^6\})$	26216
30	$\mathcal{O}(0; \{10^2, 6^3, 5, 3, 2^5\})$	72
30	$\mathcal{O}(0; \{10^2, 6^3, 5, 3^4, 2\})$	504
30	$\mathcal{O}(0; \{10^2, 6^4, 5, 3^2, 2^2\})$	264
30	$\mathcal{O}(0; \{10^2, 6^5, 5, 2^3\})$	120
30	$\mathcal{O}(0; \{10^2, 6^6, 5, 3\})$	504
30	$\mathcal{O}(0; \{10^3, 5^3, 3^4, 2\})$	4920
30	$\mathcal{O}(0; \{10^3, 6, 5^3, 3^2, 2^2\})$	1640
30	$\mathcal{O}(0; \{10^3, 6^2, 5^3, 2^3\})$	1640
30	$\mathcal{O}(0; \{10^3, 6^3, 5^3, 3\})$	4920
30	$\mathcal{O}(0; \{10^4, 3^4, 2^4\})$	312
30	$\mathcal{O}(0; \{10^4, 3^7\})$	2184
30	$\mathcal{O}(0; \{10^4, 6, 3^2, 2^5\})$	104
30	$\mathcal{O}(0; \{10^4, 6, 3^5, 2\})$	1144
30	$\mathcal{O}(0; \{10^4, 6^2, 2^6\})$	104

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{10^4, 6^2, 3^3, 2^2\})$	520
30	$\mathcal{O}(0; \{10^4, 6^3, 3, 2^3\})$	312
30	$\mathcal{O}(0; \{10^4, 6^4, 3^2\})$	1144
30	$\mathcal{O}(0; \{10^4, 6^5, 2\})$	520
30	$\mathcal{O}(0; \{10^5, 6, 5^2, 3^2\})$	6552
30	$\mathcal{O}(0; \{10^5, 6^2, 5^2, 2\})$	6552
30	$\mathcal{O}(0; \{15, 5^5, 3^2, 2^4\})$	1640
30	$\mathcal{O}(0; \{15, 6, 5^5, 2^5\})$	1640
30	$\mathcal{O}(0; \{15, 6, 5^5, 3^3, 2\})$	8200
30	$\mathcal{O}(0; \{15, 6^2, 5^5, 3, 2^2\})$	4920
30	$\mathcal{O}(0; \{15, 6^4, 5^5\})$	8200
30	$\mathcal{O}(0; \{15, 10, 5^2, 3^2, 2^7\})$	104
30	$\mathcal{O}(0; \{15, 10, 5^2, 3^5, 2^3\})$	1144
30	$\mathcal{O}(0; \{15, 10, 6, 5^2, 2^8\})$	104
30	$\mathcal{O}(0; \{15, 10, 6, 5^2, 3^3, 2^4\})$	520
30	$\mathcal{O}(0; \{15, 10, 6, 5^2, 3^6\})$	4472
30	$\mathcal{O}(0; \{15, 10, 6, 5^7\})$	104856
30	$\mathcal{O}(0; \{15, 10, 6^2, 5^2, 3, 2^5\})$	312
30	$\mathcal{O}(0; \{15, 10, 6^2, 5^2, 3^4, 2\})$	2184
30	$\mathcal{O}(0; \{15, 10, 6^3, 5^2, 3^2, 2^2\})$	1144
30	$\mathcal{O}(0; \{15, 10, 6^4, 5^2, 2^3\})$	520
30	$\mathcal{O}(0; \{15, 10, 6^5, 5^2, 3\})$	2184
30	$\mathcal{O}(0; \{15, 10^2, 5^4, 3^2, 2^2\})$	6552
30	$\mathcal{O}(0; \{15, 10^2, 6, 5^4, 2^3\})$	6552
30	$\mathcal{O}(0; \{15, 10^2, 6^2, 5^4, 3\})$	19656
30	$\mathcal{O}(0; \{15, 10^3, 5, 3^2, 2^5\})$	408
30	$\mathcal{O}(0; \{15, 10^3, 5, 3^5, 2\})$	4488
30	$\mathcal{O}(0; \{15, 10^3, 6, 5, 2^6\})$	408
30	$\mathcal{O}(0; \{15, 10^3, 6, 5, 3^3, 2^2\})$	2040
30	$\mathcal{O}(0; \{15, 10^3, 6^2, 5, 3, 2^3\})$	1224
30	$\mathcal{O}(0; \{15, 10^3, 6^3, 5, 3^2\})$	4488
30	$\mathcal{O}(0; \{15, 10^3, 6^4, 5, 2\})$	2040
30	$\mathcal{O}(0; \{15, 10^4, 5^3, 3^2\})$	26216
30	$\mathcal{O}(0; \{15, 10^4, 6, 5^3, 2\})$	26216
30	$\mathcal{O}(0; \{15, 10^5, 3^2, 2^3\})$	1640
30	$\mathcal{O}(0; \{15, 10^5, 6, 2^4\})$	1640
30	$\mathcal{O}(0; \{15, 10^5, 6, 3^3\})$	8200
30	$\mathcal{O}(0; \{15, 10^5, 6^2, 3, 2\})$	4920
30	$\mathcal{O}(0; \{15^2, 5^3, 2^8\})$	408
30	$\mathcal{O}(0; \{15^2, 5^3, 3^3, 2^4\})$	2040
30	$\mathcal{O}(0; \{15^2, 6, 5^3, 3, 2^5\})$	1224
30	$\mathcal{O}(0; \{15^2, 6, 5^3, 3^4, 2\})$	8568
30	$\mathcal{O}(0; \{15^2, 6^2, 5^3, 3^2, 2^2\})$	4488

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{15^2, 6^3, 5^3, 2^3\})$	2040
30	$\mathcal{O}(0; \{15^2, 6^4, 5^3, 3\})$	8568
30	$\mathcal{O}(0; \{15^2, 10, 2^{11}\})$	24
30	$\mathcal{O}(0; \{15^2, 10, 3^3, 2^7\})$	120
30	$\mathcal{O}(0; \{15^2, 10, 3^6, 2^3\})$	1032
30	$\mathcal{O}(0; \{15^2, 10, 5^5, 2^3\})$	26216
30	$\mathcal{O}(0; \{15^2, 10, 6, 3, 2^8\})$	72
30	$\mathcal{O}(0; \{15^2, 10, 6, 3^4, 2^4\})$	504
30	$\mathcal{O}(0; \{15^2, 10, 6, 3^7\})$	4104
30	$\mathcal{O}(0; \{15^2, 10, 6, 5^5, 3\})$	78648
30	$\mathcal{O}(0; \{15^2, 10, 6^2, 3^2, 2^5\})$	264
30	$\mathcal{O}(0; \{15^2, 10, 6^2, 3^5, 2\})$	2040
30	$\mathcal{O}(0; \{15^2, 10, 6^3, 2^6\})$	120
30	$\mathcal{O}(0; \{15^2, 10, 6^3, 3^3, 2^2\})$	1032
30	$\mathcal{O}(0; \{15^2, 10, 6^4, 3, 2^3\})$	504
30	$\mathcal{O}(0; \{15^2, 10, 6^5, 3^2\})$	2040
30	$\mathcal{O}(0; \{15^2, 10, 6^6, 2\})$	1032
30	$\mathcal{O}(0; \{15^2, 10^2, 5^2, 2^6\})$	1640
30	$\mathcal{O}(0; \{15^2, 10^2, 5^2, 3^3, 2^2\})$	8200
30	$\mathcal{O}(0; \{15^2, 10^2, 6, 5^2, 3, 2^3\})$	4920
30	$\mathcal{O}(0; \{15^2, 10^2, 6^2, 5^2, 3^2\})$	18040
30	$\mathcal{O}(0; \{15^2, 10^2, 6^3, 5^2, 2\})$	8200
30	$\mathcal{O}(0; \{15^2, 10^3, 5^4, 2\})$	104856
30	$\mathcal{O}(0; \{15^2, 10^4, 5, 2^4\})$	6552
30	$\mathcal{O}(0; \{15^2, 10^4, 5, 3^3\})$	32760
30	$\mathcal{O}(0; \{15^2, 10^4, 6, 5, 3, 2\})$	19656
30	$\mathcal{O}(0; \{15^2, 10^6, 2^2\})$	26216
30	$\mathcal{O}(0; \{15^3, 5, 3, 2^8\})$	312
30	$\mathcal{O}(0; \{15^3, 5, 3^4, 2^4\})$	2184
30	$\mathcal{O}(0; \{15^3, 6, 5, 3^2, 2^5\})$	1144
30	$\mathcal{O}(0; \{15^3, 6, 5, 3^5, 2\})$	8840
30	$\mathcal{O}(0; \{15^3, 6^2, 5, 2^6\})$	520
30	$\mathcal{O}(0; \{15^3, 6^2, 5, 3^3, 2^2\})$	4472
30	$\mathcal{O}(0; \{15^3, 6^3, 5, 3, 2^3\})$	2184
30	$\mathcal{O}(0; \{15^3, 6^4, 5, 3^2\})$	8840
30	$\mathcal{O}(0; \{15^3, 6^5, 5, 2\})$	4472
30	$\mathcal{O}(0; \{15^3, 10, 5^3, 3, 2^3\})$	19656
30	$\mathcal{O}(0; \{15^3, 10, 6, 5^3, 3^2\})$	72072
30	$\mathcal{O}(0; \{15^3, 10, 6^2, 5^3, 2\})$	32760
30	$\mathcal{O}(0; \{15^3, 10^2, 3, 2^6\})$	1224
30	$\mathcal{O}(0; \{15^3, 10^2, 3^4, 2^2\})$	8568
30	$\mathcal{O}(0; \{15^3, 10^2, 6, 3^2, 2^3\})$	4488
30	$\mathcal{O}(0; \{15^3, 10^2, 6^2, 2^4\})$	2040

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{15^3, 10^2, 6^2, 3^3\})$	17544
30	$\mathcal{O}(0; \{15^3, 10^2, 6^3, 3, 2\})$	8568
30	$\mathcal{O}(0; \{15^3, 10^3, 5^2, 3, 2\})$	78648
30	$\mathcal{O}(0; \{15^4, 6, 5^4, 2\})$	131080
30	$\mathcal{O}(0; \{15^4, 10, 5, 3^2, 2^3\})$	18040
30	$\mathcal{O}(0; \{15^4, 10, 6, 5, 2^4\})$	8200
30	$\mathcal{O}(0; \{15^4, 10, 6, 5, 3^3\})$	70520
30	$\mathcal{O}(0; \{15^4, 10, 6^2, 5, 3, 2\})$	34440
30	$\mathcal{O}(0; \{15^4, 10^3, 3^2, 2\})$	72072
30	$\mathcal{O}(0; \{15^4, 10^3, 6, 2^2\})$	32760
30	$\mathcal{O}(0; \{15^5, 5^2, 2^4\})$	32760
30	$\mathcal{O}(0; \{15^5, 6, 5^2, 3, 2\})$	137592
30	$\mathcal{O}(0; \{15^5, 10^2, 5, 2^2\})$	131080
30	$\mathcal{O}(0; \{15^5, 10^4\})$	524280
30	$\mathcal{O}(0; \{15^6, 3, 2^4\})$	34440
30	$\mathcal{O}(0; \{15^6, 6, 3^2, 2\})$	139400
30	$\mathcal{O}(0; \{15^6, 6^2, 2^2\})$	70520
30	$\mathcal{O}(0; \{15^7, 10, 6\})$	1127288
30	$\mathcal{O}(0; \{30, 5, 3^3, 2^9\})$	24
30	$\mathcal{O}(0; \{30, 5, 3^6, 2^5\})$	168
30	$\mathcal{O}(0; \{30, 5, 3^9, 2\})$	1368
30	$\mathcal{O}(0; \{30, 5^6, 3^3, 2\})$	19656
30	$\mathcal{O}(0; \{30, 6, 5, 3, 2^{10}\})$	8
30	$\mathcal{O}(0; \{30, 6, 5, 3^4, 2^6\})$	88
30	$\mathcal{O}(0; \{30, 6, 5, 3^7, 2^2\})$	680
30	$\mathcal{O}(0; \{30, 6, 5^6, 3, 2^2\})$	6552
30	$\mathcal{O}(0; \{30, 6^2, 5, 3^2, 2^7\})$	40
30	$\mathcal{O}(0; \{30, 6^2, 5, 3^5, 2^3\})$	344
30	$\mathcal{O}(0; \{30, 6^3, 5, 2^8\})$	24
30	$\mathcal{O}(0; \{30, 6^3, 5, 3^3, 2^4\})$	168
30	$\mathcal{O}(0; \{30, 6^3, 5, 3^6\})$	1368
30	$\mathcal{O}(0; \{30, 6^3, 5^6\})$	19656
30	$\mathcal{O}(0; \{30, 6^4, 5, 3, 2^5\})$	88
30	$\mathcal{O}(0; \{30, 6^4, 5, 3^4, 2\})$	680
30	$\mathcal{O}(0; \{30, 6^5, 5, 3^2, 2^2\})$	344
30	$\mathcal{O}(0; \{30, 6^6, 5, 2^3\})$	168
30	$\mathcal{O}(0; \{30, 6^7, 5, 3\})$	680
30	$\mathcal{O}(0; \{30, 10, 5^3, 3^3, 2^4\})$	1224
30	$\mathcal{O}(0; \{30, 10, 5^3, 3^6\})$	8568
30	$\mathcal{O}(0; \{30, 10, 6, 5^3, 3, 2^5\})$	408
30	$\mathcal{O}(0; \{30, 10, 6, 5^3, 3^4, 2\})$	4488
30	$\mathcal{O}(0; \{30, 10, 6^2, 5^3, 3^2, 2^2\})$	2040
30	$\mathcal{O}(0; \{30, 10, 6^3, 5^3, 2^3\})$	1224

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30, 10, 6^4, 5^3, 3\})$	4488
30	$\mathcal{O}(0; \{30, 10^2, 3^3, 2^7\})$	72
30	$\mathcal{O}(0; \{30, 10^2, 3^6, 2^3\})$	504
30	$\mathcal{O}(0; \{30, 10^2, 6, 3, 2^8\})$	24
30	$\mathcal{O}(0; \{30, 10^2, 6, 3^4, 2^4\})$	264
30	$\mathcal{O}(0; \{30, 10^2, 6, 3^7\})$	2040
30	$\mathcal{O}(0; \{30, 10^2, 6, 5^5, 3\})$	26216
30	$\mathcal{O}(0; \{30, 10^2, 6^2, 3^2, 2^5\})$	120
30	$\mathcal{O}(0; \{30, 10^2, 6^2, 3^5, 2\})$	1032
30	$\mathcal{O}(0; \{30, 10^2, 6^3, 2^6\})$	72
30	$\mathcal{O}(0; \{30, 10^2, 6^3, 3^3, 2^2\})$	504
30	$\mathcal{O}(0; \{30, 10^2, 6^4, 3, 2^3\})$	264
30	$\mathcal{O}(0; \{30, 10^2, 6^5, 3^2\})$	1032
30	$\mathcal{O}(0; \{30, 10^2, 6^6, 2\})$	504
30	$\mathcal{O}(0; \{30, 10^3, 5^2, 3^3, 2^2\})$	4920
30	$\mathcal{O}(0; \{30, 10^3, 6, 5^2, 3, 2^3\})$	1640
30	$\mathcal{O}(0; \{30, 10^3, 6^2, 5^2, 3^2\})$	8200
30	$\mathcal{O}(0; \{30, 10^3, 6^3, 5^2, 2\})$	4920
30	$\mathcal{O}(0; \{30, 10^5, 5, 3^3\})$	19656
30	$\mathcal{O}(0; \{30, 10^5, 6, 5, 3, 2\})$	6552
30	$\mathcal{O}(0; \{30, 15, 5^4, 3, 2^3\})$	1640
30	$\mathcal{O}(0; \{30, 15, 5^4, 3^4, 2\})$	18040
30	$\mathcal{O}(0; \{30, 15, 6, 5^4, 3^2, 2^2\})$	8200
30	$\mathcal{O}(0; \{30, 15, 6^2, 5^4, 2^3\})$	4920
30	$\mathcal{O}(0; \{30, 15, 6^3, 5^4, 3\})$	18040
30	$\mathcal{O}(0; \{30, 15, 10, 5, 3, 2^8\})$	104
30	$\mathcal{O}(0; \{30, 15, 10, 5, 3^4, 2^4\})$	1144
30	$\mathcal{O}(0; \{30, 15, 10, 5, 3^7\})$	8840
30	$\mathcal{O}(0; \{30, 15, 10, 5^6, 3\})$	104856
30	$\mathcal{O}(0; \{30, 15, 10, 6, 5, 3^2, 2^5\})$	520
30	$\mathcal{O}(0; \{30, 15, 10, 6, 5, 3^5, 2\})$	4472
30	$\mathcal{O}(0; \{30, 15, 10, 6^2, 5, 2^6\})$	312
30	$\mathcal{O}(0; \{30, 15, 10, 6^2, 5, 3^3, 2^2\})$	2184
30	$\mathcal{O}(0; \{30, 15, 10, 6^3, 5, 3, 2^3\})$	1144
30	$\mathcal{O}(0; \{30, 15, 10, 6^4, 5, 3^2\})$	4472
30	$\mathcal{O}(0; \{30, 15, 10, 6^5, 5, 2\})$	2184
30	$\mathcal{O}(0; \{30, 15, 10^2, 5^3, 3, 2^3\})$	6552
30	$\mathcal{O}(0; \{30, 15, 10^2, 6, 5^3, 3^2\})$	32760
30	$\mathcal{O}(0; \{30, 15, 10^2, 6^2, 5^3, 2\})$	19656
30	$\mathcal{O}(0; \{30, 15, 10^3, 3, 2^6\})$	408
30	$\mathcal{O}(0; \{30, 15, 10^3, 3^4, 2^2\})$	4488
30	$\mathcal{O}(0; \{30, 15, 10^3, 6, 3^2, 2^3\})$	2040
30	$\mathcal{O}(0; \{30, 15, 10^3, 6^2, 2^4\})$	1224

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30, 15, 10^3, 6^2, 3^3\})$	8568
30	$\mathcal{O}(0; \{30, 15, 10^3, 6^3, 3, 2\})$	4488
30	$\mathcal{O}(0; \{30, 15, 10^4, 5^2, 3, 2\})$	26216
30	$\mathcal{O}(0; \{30, 15^2, 5^2, 3^2, 2^5\})$	2040
30	$\mathcal{O}(0; \{30, 15^2, 5^2, 3^5, 2\})$	17544
30	$\mathcal{O}(0; \{30, 15^2, 6, 5^2, 2^6\})$	1224
30	$\mathcal{O}(0; \{30, 15^2, 6, 5^2, 3^3, 2^2\})$	8568
30	$\mathcal{O}(0; \{30, 15^2, 6^2, 5^2, 3, 2^3\})$	4488
30	$\mathcal{O}(0; \{30, 15^2, 6^3, 5^2, 3^2\})$	17544
30	$\mathcal{O}(0; \{30, 15^2, 6^4, 5^2, 2\})$	8568
30	$\mathcal{O}(0; \{30, 15^2, 10, 5^4, 3^2\})$	131080
30	$\mathcal{O}(0; \{30, 15^2, 10, 6, 5^4, 2\})$	78648
30	$\mathcal{O}(0; \{30, 15^2, 10^2, 5, 3^2, 2^3\})$	8200
30	$\mathcal{O}(0; \{30, 15^2, 10^2, 6, 5, 2^4\})$	4920
30	$\mathcal{O}(0; \{30, 15^2, 10^2, 6, 5, 3^3\})$	34440
30	$\mathcal{O}(0; \{30, 15^2, 10^2, 6^2, 5, 3, 2\})$	18040
30	$\mathcal{O}(0; \{30, 15^2, 10^4, 3^2, 2\})$	32760
30	$\mathcal{O}(0; \{30, 15^2, 10^4, 6, 2^2\})$	19656
30	$\mathcal{O}(0; \{30, 15^3, 2^9\})$	312
30	$\mathcal{O}(0; \{30, 15^3, 3^3, 2^5\})$	2184
30	$\mathcal{O}(0; \{30, 15^3, 3^6, 2\})$	17784
30	$\mathcal{O}(0; \{30, 15^3, 5^5, 2\})$	314568
30	$\mathcal{O}(0; \{30, 15^3, 6, 3, 2^6\})$	1144
30	$\mathcal{O}(0; \{30, 15^3, 6, 3^4, 2^2\})$	8840
30	$\mathcal{O}(0; \{30, 15^3, 6^2, 3^2, 2^3\})$	4472
30	$\mathcal{O}(0; \{30, 15^3, 6^3, 2^4\})$	2184
30	$\mathcal{O}(0; \{30, 15^3, 6^3, 3^3\})$	17784
30	$\mathcal{O}(0; \{30, 15^3, 6^4, 3, 2\})$	8840
30	$\mathcal{O}(0; \{30, 15^3, 10, 5^2, 2^4\})$	19656
30	$\mathcal{O}(0; \{30, 15^3, 10, 5^2, 3^3\})$	137592
30	$\mathcal{O}(0; \{30, 15^3, 10, 6, 5^2, 3, 2\})$	72072
30	$\mathcal{O}(0; \{30, 15^3, 10^3, 5, 2^2\})$	78648
30	$\mathcal{O}(0; \{30, 15^3, 10^5\})$	314568
30	$\mathcal{O}(0; \{30, 15^4, 5^3, 3, 2\})$	288376
30	$\mathcal{O}(0; \{30, 15^4, 10, 3, 2^4\})$	18040
30	$\mathcal{O}(0; \{30, 15^4, 10, 3^4\})$	139400
30	$\mathcal{O}(0; \{30, 15^4, 10, 6, 3^2, 2\})$	70520
30	$\mathcal{O}(0; \{30, 15^4, 10, 6^2, 2^2\})$	34440
30	$\mathcal{O}(0; \{30, 15^5, 5, 3^2, 2\})$	281736
30	$\mathcal{O}(0; \{30, 15^5, 6, 5, 2^2\})$	137592
30	$\mathcal{O}(0; \{30, 15^5, 10^2, 6\})$	550536
30	$\mathcal{O}(0; \{30, 15^6, 10, 5\})$	2201976
30	$\mathcal{O}(0; \{30^2, 3^2, 2^{10}\})$	24

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30^2, 3^5, 2^6\})$	168
30	$\mathcal{O}(0; \{30^2, 3^8, 2^2\})$	1368
30	$\mathcal{O}(0; \{30^2, 5^5, 3^2, 2^2\})$	19656
30	$\mathcal{O}(0; \{30^2, 6, 2^{11}\})$	8
30	$\mathcal{O}(0; \{30^2, 6, 3^3, 2^7\})$	88
30	$\mathcal{O}(0; \{30^2, 6, 3^6, 2^3\})$	680
30	$\mathcal{O}(0; \{30^2, 6, 5^5, 2^3\})$	6552
30	$\mathcal{O}(0; \{30^2, 6^2, 3, 2^8\})$	40
30	$\mathcal{O}(0; \{30^2, 6^2, 3^4, 2^4\})$	344
30	$\mathcal{O}(0; \{30^2, 6^2, 3^7\})$	2728
30	$\mathcal{O}(0; \{30^2, 6^2, 5^5, 3\})$	32760
30	$\mathcal{O}(0; \{30^2, 6^3, 3^2, 2^5\})$	168
30	$\mathcal{O}(0; \{30^2, 6^3, 3^5, 2\})$	1368
30	$\mathcal{O}(0; \{30^2, 6^4, 2^6\})$	88
30	$\mathcal{O}(0; \{30^2, 6^4, 3^3, 2^2\})$	680
30	$\mathcal{O}(0; \{30^2, 6^5, 3, 2^3\})$	344
30	$\mathcal{O}(0; \{30^2, 6^6, 3^2\})$	1368
30	$\mathcal{O}(0; \{30^2, 6^7, 2\})$	680
30	$\mathcal{O}(0; \{30^2, 10, 5^2, 3^2, 2^5\})$	1224
30	$\mathcal{O}(0; \{30^2, 10, 5^2, 3^5, 2\})$	8568
30	$\mathcal{O}(0; \{30^2, 10, 6, 5^2, 2^6\})$	408
30	$\mathcal{O}(0; \{30^2, 10, 6, 5^2, 3^3, 2^2\})$	4488
30	$\mathcal{O}(0; \{30^2, 10, 6^2, 5^2, 3, 2^3\})$	2040
30	$\mathcal{O}(0; \{30^2, 10, 6^3, 5^2, 3^2\})$	8568
30	$\mathcal{O}(0; \{30^2, 10, 6^4, 5^2, 2\})$	4488
30	$\mathcal{O}(0; \{30^2, 10^2, 5^4, 3^2\})$	78648
30	$\mathcal{O}(0; \{30^2, 10^2, 6, 5^4, 2\})$	26216
30	$\mathcal{O}(0; \{30^2, 10^3, 5, 3^2, 2^3\})$	4920
30	$\mathcal{O}(0; \{30^2, 10^3, 6, 5, 2^4\})$	1640
30	$\mathcal{O}(0; \{30^2, 10^3, 6, 5, 3^3\})$	18040
30	$\mathcal{O}(0; \{30^2, 10^3, 6^2, 5, 3, 2\})$	8200
30	$\mathcal{O}(0; \{30^2, 10^5, 3^2, 2\})$	19656
30	$\mathcal{O}(0; \{30^2, 10^5, 6, 2^2\})$	6552
30	$\mathcal{O}(0; \{30^2, 15, 5^3, 2^6\})$	1640
30	$\mathcal{O}(0; \{30^2, 15, 5^3, 3^3, 2^2\})$	18040
30	$\mathcal{O}(0; \{30^2, 15, 6, 5^3, 3, 2^3\})$	8200
30	$\mathcal{O}(0; \{30^2, 15, 6^2, 5^3, 3^2\})$	34440
30	$\mathcal{O}(0; \{30^2, 15, 6^3, 5^3, 2\})$	18040
30	$\mathcal{O}(0; \{30^2, 15, 10, 2^9\})$	104
30	$\mathcal{O}(0; \{30^2, 15, 10, 3^3, 2^5\})$	1144
30	$\mathcal{O}(0; \{30^2, 15, 10, 3^6, 2\})$	8840
30	$\mathcal{O}(0; \{30^2, 15, 10, 5^5, 2\})$	104856
30	$\mathcal{O}(0; \{30^2, 15, 10, 6, 3, 2^6\})$	520

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30^2, 15, 10, 6, 3^4, 2^2\})$	4472
30	$\mathcal{O}(0; \{30^2, 15, 10, 6^2, 3^2, 2^3\})$	2184
30	$\mathcal{O}(0; \{30^2, 15, 10, 6^3, 2^4\})$	1144
30	$\mathcal{O}(0; \{30^2, 15, 10, 6^3, 3^3\})$	8840
30	$\mathcal{O}(0; \{30^2, 15, 10, 6^4, 3, 2\})$	4472
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 5^2, 2^4\})$	6552
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 5^2, 3^3\})$	72072
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 6, 5^2, 3, 2\})$	32760
30	$\mathcal{O}(0; \{30^2, 15, 10^4, 5, 2^2\})$	26216
30	$\mathcal{O}(0; \{30^2, 15, 10^6\})$	104856
30	$\mathcal{O}(0; \{30^2, 15^2, 5, 3, 2^6\})$	2040
30	$\mathcal{O}(0; \{30^2, 15^2, 5, 3^4, 2^2\})$	17544
30	$\mathcal{O}(0; \{30^2, 15^2, 6, 5, 3^2, 2^3\})$	8568
30	$\mathcal{O}(0; \{30^2, 15^2, 6^2, 5, 2^4\})$	4488
30	$\mathcal{O}(0; \{30^2, 15^2, 6^2, 5, 3^3\})$	34680
30	$\mathcal{O}(0; \{30^2, 15^2, 6^3, 5, 3, 2\})$	17544
30	$\mathcal{O}(0; \{30^2, 15^2, 10, 5^3, 3, 2\})$	131080
30	$\mathcal{O}(0; \{30^2, 15^2, 10^2, 3, 2^4\})$	8200
30	$\mathcal{O}(0; \{30^2, 15^2, 10^2, 3^4\})$	70520
30	$\mathcal{O}(0; \{30^2, 15^2, 10^2, 6, 3^2, 2\})$	34440
30	$\mathcal{O}(0; \{30^2, 15^2, 10^2, 6^2, 2^2\})$	18040
30	$\mathcal{O}(0; \{30^2, 15^3, 10, 5, 3^2, 2\})$	137592
30	$\mathcal{O}(0; \{30^2, 15^3, 10, 6, 5, 2^2\})$	72072
30	$\mathcal{O}(0; \{30^2, 15^3, 10^3, 6\})$	288376
30	$\mathcal{O}(0; \{30^2, 15^4, 5^2, 2^2\})$	288376
30	$\mathcal{O}(0; \{30^2, 15^4, 10^2, 5\})$	1153416
30	$\mathcal{O}(0; \{30^2, 15^5, 3, 2^2\})$	281736
30	$\mathcal{O}(0; \{30^2, 15^5, 6^2\})$	556920
30	$\mathcal{O}(0; \{30^3, 5^4, 3, 2^3\})$	19656
30	$\mathcal{O}(0; \{30^3, 6, 5^4, 3^2\})$	72072
30	$\mathcal{O}(0; \{30^3, 6^2, 5^4, 2\})$	32760
30	$\mathcal{O}(0; \{30^3, 10, 5, 3, 2^6\})$	1224
30	$\mathcal{O}(0; \{30^3, 10, 5, 3^4, 2^2\})$	8568
30	$\mathcal{O}(0; \{30^3, 10, 6, 5, 3^2, 2^3\})$	4488
30	$\mathcal{O}(0; \{30^3, 10, 6^2, 5, 2^4\})$	2040
30	$\mathcal{O}(0; \{30^3, 10, 6^2, 5, 3^3\})$	17544
30	$\mathcal{O}(0; \{30^3, 10, 6^3, 5, 3, 2\})$	8568
30	$\mathcal{O}(0; \{30^3, 10^2, 5^3, 3, 2\})$	78648
30	$\mathcal{O}(0; \{30^3, 10^3, 3, 2^4\})$	4920
30	$\mathcal{O}(0; \{30^3, 10^3, 3^4\})$	34440
30	$\mathcal{O}(0; \{30^3, 10^3, 6, 3^2, 2\})$	18040
30	$\mathcal{O}(0; \{30^3, 10^3, 6^2, 2^2\})$	8200
30	$\mathcal{O}(0; \{30^3, 15, 5^2, 3^2, 2^3\})$	18040

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30^3, 15, 6, 5^2, 2^4\})$	8200
30	$\mathcal{O}(0; \{30^3, 15, 6, 5^2, 3^3\})$	70520
30	$\mathcal{O}(0; \{30^3, 15, 6^2, 5^2, 3, 2\})$	34440
30	$\mathcal{O}(0; \{30^3, 15, 10^2, 5, 3^2, 2\})$	72072
30	$\mathcal{O}(0; \{30^3, 15, 10^2, 6, 5, 2^2\})$	32760
30	$\mathcal{O}(0; \{30^3, 15, 10^4, 6\})$	131080
30	$\mathcal{O}(0; \{30^3, 15^2, 2^7\})$	2040
30	$\mathcal{O}(0; \{30^3, 15^2, 3^3, 2^3\})$	17544
30	$\mathcal{O}(0; \{30^3, 15^2, 6, 3, 2^4\})$	8568
30	$\mathcal{O}(0; \{30^3, 15^2, 6, 3^4\})$	69768
30	$\mathcal{O}(0; \{30^3, 15^2, 6^2, 3^2, 2\})$	34680
30	$\mathcal{O}(0; \{30^3, 15^2, 6^3, 2^2\})$	17544
30	$\mathcal{O}(0; \{30^3, 15^2, 10, 5^2, 2^2\})$	131080
30	$\mathcal{O}(0; \{30^3, 15^2, 10^3, 5\})$	524280
30	$\mathcal{O}(0; \{30^3, 15^3, 10, 3, 2^2\})$	137592
30	$\mathcal{O}(0; \{30^3, 15^3, 10, 6^2\})$	281736
30	$\mathcal{O}(0; \{30^3, 15^4, 6, 5\})$	1127288
30	$\mathcal{O}(0; \{30^4, 5^3, 2^4\})$	19656
30	$\mathcal{O}(0; \{30^4, 5^3, 3^3\})$	137592
30	$\mathcal{O}(0; \{30^4, 6, 5^3, 3, 2\})$	72072
30	$\mathcal{O}(0; \{30^4, 10, 2^7\})$	1224
30	$\mathcal{O}(0; \{30^4, 10, 3^3, 2^3\})$	8568
30	$\mathcal{O}(0; \{30^4, 10, 6, 3, 2^4\})$	4488
30	$\mathcal{O}(0; \{30^4, 10, 6, 3^4\})$	34680
30	$\mathcal{O}(0; \{30^4, 10, 6^2, 3^2, 2\})$	17544
30	$\mathcal{O}(0; \{30^4, 10, 6^3, 2^2\})$	8568
30	$\mathcal{O}(0; \{30^4, 10^2, 5^2, 2^2\})$	78648
30	$\mathcal{O}(0; \{30^4, 10^4, 5\})$	314568
30	$\mathcal{O}(0; \{30^4, 15, 5, 3, 2^4\})$	18040
30	$\mathcal{O}(0; \{30^4, 15, 5, 3^4\})$	139400
30	$\mathcal{O}(0; \{30^4, 15, 6, 5, 3^2, 2\})$	70520
30	$\mathcal{O}(0; \{30^4, 15, 6^2, 5, 2^2\})$	34440
30	$\mathcal{O}(0; \{30^4, 15, 10^2, 3, 2^2\})$	72072
30	$\mathcal{O}(0; \{30^4, 15, 10^2, 6^2\})$	137592
30	$\mathcal{O}(0; \{30^4, 15^2, 10, 6, 5\})$	550536
30	$\mathcal{O}(0; \{30^4, 15^3, 5^2\})$	2201976
30	$\mathcal{O}(0; \{30^4, 15^4, 3\})$	2228360
30	$\mathcal{O}(0; \{30^5, 5^2, 3^2, 2\})$	137592
30	$\mathcal{O}(0; \{30^5, 6, 5^2, 2^2\})$	72072
30	$\mathcal{O}(0; \{30^5, 10^2, 6, 5\})$	288376
30	$\mathcal{O}(0; \{30^5, 15, 2^5\})$	18040
30	$\mathcal{O}(0; \{30^5, 15, 3^3, 2\})$	139400
30	$\mathcal{O}(0; \{30^5, 15, 6, 3, 2^2\})$	70520

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30^5, 15, 6^3\})$	139400
30	$\mathcal{O}(0; \{30^5, 15, 10, 5^2\})$	1153416
30	$\mathcal{O}(0; \{30^5, 15^2, 10, 3\})$	1127288
30	$\mathcal{O}(0; \{30^6, 5, 3, 2^2\})$	137592
30	$\mathcal{O}(0; \{30^6, 6^2, 5\})$	281736
30	$\mathcal{O}(0; \{30^6, 10^2, 3\})$	550536
30	$\mathcal{O}(0; \{30^7, 2^3\})$	137592
30	$\mathcal{O}(0; \{30^7, 6, 3\})$	556920
32	$\mathcal{O}(3; \{16^2\})$	8455716864
32	$\mathcal{O}(2; \{16^2, 2^4\})$	7864320
32	$\mathcal{O}(2; \{16^2, 4^2, 2\})$	31457280
32	$\mathcal{O}(2; \{32^2, 16, 2^2\})$	134217728
32	$\mathcal{O}(2; \{32^4\})$	4294967296
32	$\mathcal{O}(1; \{16^2, 2^8\})$	6144
32	$\mathcal{O}(1; \{16^2, 4^2, 2^5\})$	24576
32	$\mathcal{O}(1; \{16^2, 4^4, 2^2\})$	98304
32	$\mathcal{O}(1; \{16^2, 8^2, 4, 2^3\})$	196608
32	$\mathcal{O}(1; \{16^2, 8^2, 4^3\})$	786432
32	$\mathcal{O}(1; \{16^2, 8^4, 2\})$	1572864
32	$\mathcal{O}(1; \{16^4, 8, 4, 2\})$	3145728
32	$\mathcal{O}(1; \{32^2, 16, 2^6\})$	131072
32	$\mathcal{O}(1; \{32^2, 16, 4^2, 2^3\})$	524288
32	$\mathcal{O}(1; \{32^2, 16, 4^4\})$	2097152
32	$\mathcal{O}(1; \{32^2, 16, 8^2, 4, 2\})$	4194304
32	$\mathcal{O}(1; \{32^4, 2^4\})$	4194304
32	$\mathcal{O}(1; \{32^4, 4^2, 2\})$	16777216
32	$\mathcal{O}(0; \{32^2, 16, 2^{10}\})$	128
32	$\mathcal{O}(0; \{32^2, 16, 4^2, 2^7\})$	512
32	$\mathcal{O}(0; \{32^2, 16, 4^4, 2^4\})$	2048
32	$\mathcal{O}(0; \{32^2, 16, 4^6, 2\})$	8192
32	$\mathcal{O}(0; \{32^2, 16, 8^2, 4, 2^5\})$	4096
32	$\mathcal{O}(0; \{32^2, 16, 8^2, 4^3, 2^2\})$	16384
32	$\mathcal{O}(0; \{32^2, 16, 8^4, 2^3\})$	32768
32	$\mathcal{O}(0; \{32^2, 16, 8^4, 4^2\})$	131072
32	$\mathcal{O}(0; \{32^2, 16^3, 8, 4, 2^3\})$	65536
32	$\mathcal{O}(0; \{32^2, 16^3, 8, 4^3\})$	262144
32	$\mathcal{O}(0; \{32^2, 16^3, 8^3, 2\})$	524288
32	$\mathcal{O}(0; \{32^2, 16^5, 4, 2\})$	1048576
32	$\mathcal{O}(0; \{32^4, 2^8\})$	4096
32	$\mathcal{O}(0; \{32^4, 4^2, 2^5\})$	16384
32	$\mathcal{O}(0; \{32^4, 4^4, 2^2\})$	65536
32	$\mathcal{O}(0; \{32^4, 8^2, 4, 2^3\})$	131072
32	$\mathcal{O}(0; \{32^4, 8^2, 4^3\})$	524288

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
32	$\mathcal{O}(0; \{32^4, 8^4, 2\})$	1048576
32	$\mathcal{O}(0; \{32^4, 16^2, 8, 4, 2\})$	2097152
33	$\mathcal{O}(1; \{33, 11^3, 3^3\})$	5945940
33	$\mathcal{O}(1; \{33^4, 11^2\})$	594005940
33	$\mathcal{O}(0; \{11^7, 3^2\})$	1818180
33	$\mathcal{O}(0; \{33, 11^3, 3^6\})$	38220
33	$\mathcal{O}(0; \{33^4, 11^2, 3^3\})$	3818220
33	$\mathcal{O}(0; \{33^7, 11\})$	381818220
35	$\mathcal{O}(1; \{35^2, 7^4\})$	32663400
35	$\mathcal{O}(1; \{35^3, 7, 5^2\})$	46481400
35	$\mathcal{O}(0; \{7^3, 5^6\})$	24600
35	$\mathcal{O}(0; \{35^5, 7^2, 5\})$	32791800
36	$\mathcal{O}(2; \{18, 9^2, 2\})$	28343520
36	$\mathcal{O}(2; \{18^2, 3^2\})$	37791360
36	$\mathcal{O}(2; \{18^2, 6, 2\})$	18895680
36	$\mathcal{O}(1; \{9^4, 3, 2^2\})$	314928
36	$\mathcal{O}(1; \{9^4, 6^2\})$	629856
36	$\mathcal{O}(1; \{12, 9^4, 4\})$	839808
36	$\mathcal{O}(1; \{18, 9^2, 2^5\})$	17496
36	$\mathcal{O}(1; \{18, 9^2, 3^3, 2\})$	139968
36	$\mathcal{O}(1; \{18, 9^2, 4^2, 2^2\})$	46656
36	$\mathcal{O}(1; \{18, 9^2, 6, 3, 2^2\})$	69984
36	$\mathcal{O}(1; \{18, 9^2, 6^3\})$	139968
36	$\mathcal{O}(1; \{18, 12, 9^2, 6, 4\})$	186624
36	$\mathcal{O}(1; \{18, 12^2, 9^2, 3\})$	373248
36	$\mathcal{O}(1; \{18^2, 3^2, 2^4\})$	23328
36	$\mathcal{O}(1; \{18^2, 3^5\})$	186624
36	$\mathcal{O}(1; \{18^2, 4^2, 3^2, 2\})$	62208
36	$\mathcal{O}(1; \{18^2, 6, 2^5\})$	11664
36	$\mathcal{O}(1; \{18^2, 6, 3^3, 2\})$	93312
36	$\mathcal{O}(1; \{18^2, 6, 4^2, 2^2\})$	31104
36	$\mathcal{O}(1; \{18^2, 6^2, 3, 2^2\})$	46656
36	$\mathcal{O}(1; \{18^2, 6^4\})$	93312
36	$\mathcal{O}(1; \{18^2, 9^3, 3\})$	1574640
36	$\mathcal{O}(1; \{18^2, 12, 4, 3, 2^2\})$	62208
36	$\mathcal{O}(1; \{18^2, 12, 6^2, 4\})$	124416
36	$\mathcal{O}(1; \{18^2, 12^2, 2^3\})$	62208
36	$\mathcal{O}(1; \{18^2, 12^2, 4^2\})$	248832
36	$\mathcal{O}(1; \{18^2, 12^2, 6, 3\})$	248832
36	$\mathcal{O}(1; \{18^3, 9, 2^3\})$	157464
36	$\mathcal{O}(1; \{18^3, 9, 4^2\})$	419904
36	$\mathcal{O}(1; \{18^3, 9, 6, 3\})$	629856
36	$\mathcal{O}(1; \{18^5, 2\})$	787320

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(1; \{36, 9^3, 6, 4\})$	839808
36	$\mathcal{O}(1; \{36, 12, 9^3, 3\})$	1679616
36	$\mathcal{O}(1; \{36, 18, 9, 4, 3, 2^2\})$	93312
36	$\mathcal{O}(1; \{36, 18, 9, 6^2, 4\})$	186624
36	$\mathcal{O}(1; \{36, 18, 12, 9, 2^3\})$	93312
36	$\mathcal{O}(1; \{36, 18, 12, 9, 4^2\})$	373248
36	$\mathcal{O}(1; \{36, 18, 12, 9, 6, 3\})$	373248
36	$\mathcal{O}(1; \{36, 18^3, 4, 3\})$	839808
36	$\mathcal{O}(1; \{36, 18^3, 12, 2\})$	839808
36	$\mathcal{O}(1; \{36^2, 9^2, 2^3\})$	419904
36	$\mathcal{O}(1; \{36^2, 9^2, 4^2\})$	1679616
36	$\mathcal{O}(1; \{36^2, 9^2, 6, 3\})$	1679616
36	$\mathcal{O}(1; \{36^2, 18, 3^2, 2^2\})$	186624
36	$\mathcal{O}(1; \{36^2, 18, 6, 2^3\})$	93312
36	$\mathcal{O}(1; \{36^2, 18, 6, 4^2\})$	373248
36	$\mathcal{O}(1; \{36^2, 18, 6^2, 3\})$	373248
36	$\mathcal{O}(1; \{36^2, 18, 12, 4, 3\})$	746496
36	$\mathcal{O}(1; \{36^2, 18, 12^2, 2\})$	746496
36	$\mathcal{O}(1; \{36^2, 18^2, 9, 2\})$	2099520
36	$\mathcal{O}(1; \{36^3, 9, 4, 3\})$	3359232
36	$\mathcal{O}(1; \{36^3, 12, 9, 2\})$	3359232
36	$\mathcal{O}(1; \{36^4, 3^2\})$	6718464
36	$\mathcal{O}(1; \{36^4, 6, 2\})$	3359232
36	$\mathcal{O}(0; \{9^4, 4^2, 3, 2^3\})$	648
36	$\mathcal{O}(0; \{9^4, 4^4, 3\})$	2592
36	$\mathcal{O}(0; \{9^4, 6, 4^2, 3^2\})$	2592
36	$\mathcal{O}(0; \{9^4, 6^2, 4^2, 2\})$	1296
36	$\mathcal{O}(0; \{12, 9^4, 4, 2^4\})$	648
36	$\mathcal{O}(0; \{12, 9^4, 4, 3^3\})$	5184
36	$\mathcal{O}(0; \{12, 9^4, 4^3, 2\})$	2592
36	$\mathcal{O}(0; \{12, 9^4, 6, 4, 3, 2\})$	2592
36	$\mathcal{O}(0; \{12^2, 9^4, 3^2, 2\})$	5184
36	$\mathcal{O}(0; \{12^2, 9^4, 6, 2^2\})$	2592
36	$\mathcal{O}(0; \{12^4, 9^4\})$	20736
36	$\mathcal{O}(0; \{18, 9^2, 4^2, 2^6\})$	36
36	$\mathcal{O}(0; \{18, 9^2, 4^2, 3^3, 2^2\})$	288
36	$\mathcal{O}(0; \{18, 9^2, 4^4, 2^3\})$	144
36	$\mathcal{O}(0; \{18, 9^2, 4^6\})$	576
36	$\mathcal{O}(0; \{18, 9^2, 6, 4^2, 3, 2^3\})$	144
36	$\mathcal{O}(0; \{18, 9^2, 6, 4^4, 3\})$	576
36	$\mathcal{O}(0; \{18, 9^2, 6^2, 4^2, 3^2\})$	576
36	$\mathcal{O}(0; \{18, 9^2, 6^3, 4^2, 2\})$	288
36	$\mathcal{O}(0; \{18, 12, 9^2, 4, 3^2, 2^3\})$	288

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{18, 12, 9^2, 4^3, 3^2\})$	1152
36	$\mathcal{O}(0; \{18, 12, 9^2, 6, 4, 2^4\})$	144
36	$\mathcal{O}(0; \{18, 12, 9^2, 6, 4, 3^3\})$	1152
36	$\mathcal{O}(0; \{18, 12, 9^2, 6, 4^3, 2\})$	576
36	$\mathcal{O}(0; \{18, 12, 9^2, 6^2, 4, 3, 2\})$	576
36	$\mathcal{O}(0; \{18, 12^2, 9^2, 3, 2^4\})$	288
36	$\mathcal{O}(0; \{18, 12^2, 9^2, 3^4\})$	2304
36	$\mathcal{O}(0; \{18, 12^2, 9^2, 4^2, 3, 2\})$	1152
36	$\mathcal{O}(0; \{18, 12^2, 9^2, 6, 3^2, 2\})$	1152
36	$\mathcal{O}(0; \{18, 12^2, 9^2, 6^2, 2^2\})$	576
36	$\mathcal{O}(0; \{18, 12^2, 9^5\})$	42768
36	$\mathcal{O}(0; \{18, 12^3, 9^2, 4, 2^2\})$	1152
36	$\mathcal{O}(0; \{18, 12^4, 9^2, 6\})$	4608
36	$\mathcal{O}(0; \{18^2, 4^2, 3^2, 2^5\})$	48
36	$\mathcal{O}(0; \{18^2, 4^2, 3^5, 2\})$	384
36	$\mathcal{O}(0; \{18^2, 4^4, 3^2, 2^2\})$	192
36	$\mathcal{O}(0; \{18^2, 6, 4^2, 2^6\})$	24
36	$\mathcal{O}(0; \{18^2, 6, 4^2, 3^3, 2^2\})$	192
36	$\mathcal{O}(0; \{18^2, 6, 4^4, 2^3\})$	96
36	$\mathcal{O}(0; \{18^2, 6, 4^6\})$	384
36	$\mathcal{O}(0; \{18^2, 6^2, 4^2, 3, 2^3\})$	96
36	$\mathcal{O}(0; \{18^2, 6^2, 4^4, 3\})$	384
36	$\mathcal{O}(0; \{18^2, 6^3, 4^2, 3^2\})$	384
36	$\mathcal{O}(0; \{18^2, 6^4, 4^2, 2\})$	192
36	$\mathcal{O}(0; \{18^2, 9^3, 4^2, 3, 2\})$	3240
36	$\mathcal{O}(0; \{18^2, 12, 4, 3, 2^6\})$	48
36	$\mathcal{O}(0; \{18^2, 12, 4, 3^4, 2^2\})$	384
36	$\mathcal{O}(0; \{18^2, 12, 4^3, 3, 2^3\})$	192
36	$\mathcal{O}(0; \{18^2, 12, 4^5, 3\})$	768
36	$\mathcal{O}(0; \{18^2, 12, 6, 4, 3^2, 2^3\})$	192
36	$\mathcal{O}(0; \{18^2, 12, 6, 4^3, 3^2\})$	768
36	$\mathcal{O}(0; \{18^2, 12, 6^2, 4, 2^4\})$	96
36	$\mathcal{O}(0; \{18^2, 12, 6^2, 4, 3^3\})$	768
36	$\mathcal{O}(0; \{18^2, 12, 6^2, 4^3, 2\})$	384
36	$\mathcal{O}(0; \{18^2, 12, 6^3, 4, 3, 2\})$	384
36	$\mathcal{O}(0; \{18^2, 12, 9^3, 4, 2^2\})$	3240
36	$\mathcal{O}(0; \{18^2, 12^2, 2^7\})$	48
36	$\mathcal{O}(0; \{18^2, 12^2, 3^3, 2^3\})$	384
36	$\mathcal{O}(0; \{18^2, 12^2, 4^2, 2^4\})$	192
36	$\mathcal{O}(0; \{18^2, 12^2, 4^2, 3^3\})$	1536
36	$\mathcal{O}(0; \{18^2, 12^2, 4^4, 2\})$	768
36	$\mathcal{O}(0; \{18^2, 12^2, 6, 3, 2^4\})$	192
36	$\mathcal{O}(0; \{18^2, 12^2, 6, 3^4\})$	1536

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{18^2, 12^2, 6, 4^2, 3, 2\})$	768
36	$\mathcal{O}(0; \{18^2, 12^2, 6^2, 3^2, 2\})$	768
36	$\mathcal{O}(0; \{18^2, 12^2, 6^3, 2^2\})$	384
36	$\mathcal{O}(0; \{18^2, 12^2, 9^3, 6\})$	12960
36	$\mathcal{O}(0; \{18^2, 12^3, 4, 3^2, 2\})$	1536
36	$\mathcal{O}(0; \{18^2, 12^3, 6, 4, 2^2\})$	768
36	$\mathcal{O}(0; \{18^2, 12^4, 3, 2^2\})$	1536
36	$\mathcal{O}(0; \{18^2, 12^4, 6^2\})$	3072
36	$\mathcal{O}(0; \{18^2, 12^5, 4\})$	6144
36	$\mathcal{O}(0; \{18^3, 9, 4^2, 2^4\})$	324
36	$\mathcal{O}(0; \{18^3, 9, 4^2, 3^3\})$	2592
36	$\mathcal{O}(0; \{18^3, 9, 4^4, 2\})$	1296
36	$\mathcal{O}(0; \{18^3, 9, 6, 4^2, 3, 2\})$	1296
36	$\mathcal{O}(0; \{18^3, 12, 9, 4, 3^2, 2\})$	2592
36	$\mathcal{O}(0; \{18^3, 12, 9, 6, 4, 2^2\})$	1296
36	$\mathcal{O}(0; \{18^3, 12^2, 9, 3, 2^2\})$	2592
36	$\mathcal{O}(0; \{18^3, 12^2, 9, 6^2\})$	5184
36	$\mathcal{O}(0; \{18^3, 12^3, 9, 4\})$	10368
36	$\mathcal{O}(0; \{18^4, 12, 9^2, 4\})$	21384
36	$\mathcal{O}(0; \{18^5, 4^2, 2^2\})$	1620
36	$\mathcal{O}(0; \{18^5, 12, 6, 4\})$	6480
36	$\mathcal{O}(0; \{18^5, 12^2, 3\})$	12960
36	$\mathcal{O}(0; \{36, 9^3, 4, 3^2, 2^3\})$	1296
36	$\mathcal{O}(0; \{36, 9^3, 4^3, 3^2\})$	5184
36	$\mathcal{O}(0; \{36, 9^3, 6, 4, 2^4\})$	648
36	$\mathcal{O}(0; \{36, 9^3, 6, 4, 3^3\})$	5184
36	$\mathcal{O}(0; \{36, 9^3, 6, 4^3, 2\})$	2592
36	$\mathcal{O}(0; \{36, 9^3, 6^2, 4, 3, 2\})$	2592
36	$\mathcal{O}(0; \{36, 12, 9^3, 3, 2^4\})$	1296
36	$\mathcal{O}(0; \{36, 12, 9^3, 3^4\})$	10368
36	$\mathcal{O}(0; \{36, 12, 9^3, 4^2, 3, 2\})$	5184
36	$\mathcal{O}(0; \{36, 12, 9^3, 6, 3^2, 2\})$	5184
36	$\mathcal{O}(0; \{36, 12, 9^3, 6^2, 2^2\})$	2592
36	$\mathcal{O}(0; \{36, 12, 9^6\})$	122472
36	$\mathcal{O}(0; \{36, 12^2, 9^3, 4, 2^2\})$	5184
36	$\mathcal{O}(0; \{36, 12^3, 9^3, 6\})$	20736
36	$\mathcal{O}(0; \{36, 18, 9, 4, 3, 2^6\})$	72
36	$\mathcal{O}(0; \{36, 18, 9, 4, 3^4, 2^2\})$	576
36	$\mathcal{O}(0; \{36, 18, 9, 4^3, 3, 2^3\})$	288
36	$\mathcal{O}(0; \{36, 18, 9, 4^5, 3\})$	1152
36	$\mathcal{O}(0; \{36, 18, 9, 6, 4, 3^2, 2^3\})$	288
36	$\mathcal{O}(0; \{36, 18, 9, 6, 4^3, 3^2\})$	1152
36	$\mathcal{O}(0; \{36, 18, 9, 6^2, 4, 2^4\})$	144

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36, 18, 9, 6^2, 4, 3^3\})$	1152
36	$\mathcal{O}(0; \{36, 18, 9, 6^2, 4^3, 2\})$	576
36	$\mathcal{O}(0; \{36, 18, 9, 6^3, 4, 3, 2\})$	576
36	$\mathcal{O}(0; \{36, 18, 9^4, 4, 2^2\})$	10692
36	$\mathcal{O}(0; \{36, 18, 12, 9, 2^7\})$	72
36	$\mathcal{O}(0; \{36, 18, 12, 9, 3^3, 2^3\})$	576
36	$\mathcal{O}(0; \{36, 18, 12, 9, 4^2, 2^4\})$	288
36	$\mathcal{O}(0; \{36, 18, 12, 9, 4^2, 3^3\})$	2304
36	$\mathcal{O}(0; \{36, 18, 12, 9, 4^4, 2\})$	1152
36	$\mathcal{O}(0; \{36, 18, 12, 9, 6, 3, 2^4\})$	288
36	$\mathcal{O}(0; \{36, 18, 12, 9, 6, 3^4\})$	2304
36	$\mathcal{O}(0; \{36, 18, 12, 9, 6, 4^2, 3, 2\})$	1152
36	$\mathcal{O}(0; \{36, 18, 12, 9, 6^2, 3^2, 2\})$	1152
36	$\mathcal{O}(0; \{36, 18, 12, 9, 6^3, 2^2\})$	576
36	$\mathcal{O}(0; \{36, 18, 12, 9^4, 6\})$	42768
36	$\mathcal{O}(0; \{36, 18, 12^2, 9, 4, 3^2, 2\})$	2304
36	$\mathcal{O}(0; \{36, 18, 12^2, 9, 6, 4, 2^2\})$	1152
36	$\mathcal{O}(0; \{36, 18, 12^3, 9, 3, 2^2\})$	2304
36	$\mathcal{O}(0; \{36, 18, 12^3, 9, 6^2\})$	4608
36	$\mathcal{O}(0; \{36, 18, 12^4, 9, 4\})$	9216
36	$\mathcal{O}(0; \{36, 18^2, 9^2, 4, 3^2, 2\})$	6480
36	$\mathcal{O}(0; \{36, 18^2, 9^2, 6, 4, 2^2\})$	3240
36	$\mathcal{O}(0; \{36, 18^2, 12, 9^2, 3, 2^2\})$	6480
36	$\mathcal{O}(0; \{36, 18^2, 12, 9^2, 6^2\})$	12960
36	$\mathcal{O}(0; \{36, 18^2, 12^2, 9^2, 4\})$	25920
36	$\mathcal{O}(0; \{36, 18^3, 4, 3, 2^4\})$	648
36	$\mathcal{O}(0; \{36, 18^3, 4, 3^4\})$	5184
36	$\mathcal{O}(0; \{36, 18^3, 4^3, 3, 2\})$	2592
36	$\mathcal{O}(0; \{36, 18^3, 6, 4, 3^2, 2\})$	2592
36	$\mathcal{O}(0; \{36, 18^3, 6^2, 4, 2^2\})$	1296
36	$\mathcal{O}(0; \{36, 18^3, 9^3, 4\})$	61236
36	$\mathcal{O}(0; \{36, 18^3, 12, 2^5\})$	648
36	$\mathcal{O}(0; \{36, 18^3, 12, 3^3, 2\})$	5184
36	$\mathcal{O}(0; \{36, 18^3, 12, 4^2, 2^2\})$	2592
36	$\mathcal{O}(0; \{36, 18^3, 12, 6, 3, 2^2\})$	2592
36	$\mathcal{O}(0; \{36, 18^3, 12, 6^3\})$	5184
36	$\mathcal{O}(0; \{36, 18^3, 12^2, 6, 4\})$	10368
36	$\mathcal{O}(0; \{36, 18^3, 12^3, 3\})$	20736
36	$\mathcal{O}(0; \{36, 18^4, 9, 6, 4\})$	21384
36	$\mathcal{O}(0; \{36, 18^4, 12, 9, 3\})$	42768
36	$\mathcal{O}(0; \{36^2, 9^2, 2^7\})$	324
36	$\mathcal{O}(0; \{36^2, 9^2, 3^3, 2^3\})$	2592
36	$\mathcal{O}(0; \{36^2, 9^2, 4^2, 2^4\})$	1296

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36^2, 9^2, 4^2, 3^3\})$	10368
36	$\mathcal{O}(0; \{36^2, 9^2, 4^4, 2\})$	5184
36	$\mathcal{O}(0; \{36^2, 9^2, 6, 3, 2^4\})$	1296
36	$\mathcal{O}(0; \{36^2, 9^2, 6, 3^4\})$	10368
36	$\mathcal{O}(0; \{36^2, 9^2, 6, 4^2, 3, 2\})$	5184
36	$\mathcal{O}(0; \{36^2, 9^2, 6^2, 3^2, 2\})$	5184
36	$\mathcal{O}(0; \{36^2, 9^2, 6^3, 2^2\})$	2592
36	$\mathcal{O}(0; \{36^2, 9^5, 6\})$	122472
36	$\mathcal{O}(0; \{36^2, 12, 9^2, 4, 3^2, 2\})$	10368
36	$\mathcal{O}(0; \{36^2, 12, 9^2, 6, 4, 2^2\})$	5184
36	$\mathcal{O}(0; \{36^2, 12^2, 9^2, 3, 2^2\})$	10368
36	$\mathcal{O}(0; \{36^2, 12^2, 9^2, 6^2\})$	20736
36	$\mathcal{O}(0; \{36^2, 12^3, 9^2, 4\})$	41472
36	$\mathcal{O}(0; \{36^2, 18, 3^2, 2^6\})$	144
36	$\mathcal{O}(0; \{36^2, 18, 3^5, 2^2\})$	1152
36	$\mathcal{O}(0; \{36^2, 18, 4^2, 3^2, 2^3\})$	576
36	$\mathcal{O}(0; \{36^2, 18, 4^4, 3^2\})$	2304
36	$\mathcal{O}(0; \{36^2, 18, 6, 2^7\})$	72
36	$\mathcal{O}(0; \{36^2, 18, 6, 3^3, 2^3\})$	576
36	$\mathcal{O}(0; \{36^2, 18, 6, 4^2, 2^4\})$	288
36	$\mathcal{O}(0; \{36^2, 18, 6, 4^2, 3^3\})$	2304
36	$\mathcal{O}(0; \{36^2, 18, 6, 4^4, 2\})$	1152
36	$\mathcal{O}(0; \{36^2, 18, 6^2, 3, 2^4\})$	288
36	$\mathcal{O}(0; \{36^2, 18, 6^2, 3^4\})$	2304
36	$\mathcal{O}(0; \{36^2, 18, 6^2, 4^2, 3, 2\})$	1152
36	$\mathcal{O}(0; \{36^2, 18, 6^3, 3^2, 2\})$	1152
36	$\mathcal{O}(0; \{36^2, 18, 6^4, 2^2\})$	576
36	$\mathcal{O}(0; \{36^2, 18, 9^3, 3, 2^2\})$	21384
36	$\mathcal{O}(0; \{36^2, 18, 9^3, 6^2\})$	42768
36	$\mathcal{O}(0; \{36^2, 18, 12, 4, 3, 2^4\})$	576
36	$\mathcal{O}(0; \{36^2, 18, 12, 4, 3^4\})$	4608
36	$\mathcal{O}(0; \{36^2, 18, 12, 4^3, 3, 2\})$	2304
36	$\mathcal{O}(0; \{36^2, 18, 12, 6, 4, 3^2, 2\})$	2304
36	$\mathcal{O}(0; \{36^2, 18, 12, 6^2, 4, 2^2\})$	1152
36	$\mathcal{O}(0; \{36^2, 18, 12, 9^3, 4\})$	85536
36	$\mathcal{O}(0; \{36^2, 18, 12^2, 2^5\})$	576
36	$\mathcal{O}(0; \{36^2, 18, 12^2, 3^3, 2\})$	4608
36	$\mathcal{O}(0; \{36^2, 18, 12^2, 4^2, 2^2\})$	2304
36	$\mathcal{O}(0; \{36^2, 18, 12^2, 6, 3, 2^2\})$	2304
36	$\mathcal{O}(0; \{36^2, 18, 12^2, 6^3\})$	4608
36	$\mathcal{O}(0; \{36^2, 18, 12^3, 6, 4\})$	9216
36	$\mathcal{O}(0; \{36^2, 18, 12^4, 3\})$	18432
36	$\mathcal{O}(0; \{36^2, 18^2, 9, 2^5\})$	1620

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36^2, 18^2, 9, 3^3, 2\})$	12960
36	$\mathcal{O}(0; \{36^2, 18^2, 9, 4^2, 2^2\})$	6480
36	$\mathcal{O}(0; \{36^2, 18^2, 9, 6, 3, 2^2\})$	6480
36	$\mathcal{O}(0; \{36^2, 18^2, 9, 6^3\})$	12960
36	$\mathcal{O}(0; \{36^2, 18^2, 12, 9, 6, 4\})$	25920
36	$\mathcal{O}(0; \{36^2, 18^2, 12^2, 9, 3\})$	51840
36	$\mathcal{O}(0; \{36^2, 18^3, 9^2, 3\})$	122472
36	$\mathcal{O}(0; \{36^2, 18^4, 2^3\})$	10692
36	$\mathcal{O}(0; \{36^2, 18^4, 4^2\})$	42768
36	$\mathcal{O}(0; \{36^2, 18^4, 6, 3\})$	42768
36	$\mathcal{O}(0; \{36^3, 9, 4, 3, 2^4\})$	2592
36	$\mathcal{O}(0; \{36^3, 9, 4, 3^4\})$	20736
36	$\mathcal{O}(0; \{36^3, 9, 4^3, 3, 2\})$	10368
36	$\mathcal{O}(0; \{36^3, 9, 6, 4, 3^2, 2\})$	10368
36	$\mathcal{O}(0; \{36^3, 9, 6^2, 4, 2^2\})$	5184
36	$\mathcal{O}(0; \{36^3, 9^4, 4\})$	244944
36	$\mathcal{O}(0; \{36^3, 12, 9, 2^5\})$	2592
36	$\mathcal{O}(0; \{36^3, 12, 9, 3^3, 2\})$	20736
36	$\mathcal{O}(0; \{36^3, 12, 9, 4^2, 2^2\})$	10368
36	$\mathcal{O}(0; \{36^3, 12, 9, 6, 3, 2^2\})$	10368
36	$\mathcal{O}(0; \{36^3, 12, 9, 6^3\})$	20736
36	$\mathcal{O}(0; \{36^3, 12^2, 9, 6, 4\})$	41472
36	$\mathcal{O}(0; \{36^3, 12^3, 9, 3\})$	82944
36	$\mathcal{O}(0; \{36^3, 18, 9^2, 6, 4\})$	85536
36	$\mathcal{O}(0; \{36^3, 18, 12, 9^2, 3\})$	171072
36	$\mathcal{O}(0; \{36^3, 18^2, 4, 3, 2^2\})$	12960
36	$\mathcal{O}(0; \{36^3, 18^2, 6^2, 4\})$	25920
36	$\mathcal{O}(0; \{36^3, 18^2, 12, 2^3\})$	12960
36	$\mathcal{O}(0; \{36^3, 18^2, 12, 4^2\})$	51840
36	$\mathcal{O}(0; \{36^3, 18^2, 12, 6, 3\})$	51840
36	$\mathcal{O}(0; \{36^4, 3^2, 2^4\})$	5184
36	$\mathcal{O}(0; \{36^4, 3^5\})$	41472
36	$\mathcal{O}(0; \{36^4, 4^2, 3^2, 2\})$	20736
36	$\mathcal{O}(0; \{36^4, 6, 2^5\})$	2592
36	$\mathcal{O}(0; \{36^4, 6, 3^3, 2\})$	20736
36	$\mathcal{O}(0; \{36^4, 6, 4^2, 2^2\})$	10368
36	$\mathcal{O}(0; \{36^4, 6^2, 3, 2^2\})$	10368
36	$\mathcal{O}(0; \{36^4, 6^4\})$	20736
36	$\mathcal{O}(0; \{36^4, 9^3, 3\})$	489888
36	$\mathcal{O}(0; \{36^4, 12, 4, 3, 2^2\})$	20736
36	$\mathcal{O}(0; \{36^4, 12, 6^2, 4\})$	41472
36	$\mathcal{O}(0; \{36^4, 12^2, 2^3\})$	20736
36	$\mathcal{O}(0; \{36^4, 12^2, 4^2\})$	82944

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36^4, 12^2, 6, 3\})$	82944
36	$\mathcal{O}(0; \{36^4, 18, 9, 2^3\})$	42768
36	$\mathcal{O}(0; \{36^4, 18, 9, 4^2\})$	171072
36	$\mathcal{O}(0; \{36^4, 18, 9, 6, 3\})$	171072
36	$\mathcal{O}(0; \{36^4, 18^3, 2\})$	244944
36	$\mathcal{O}(0; \{36^5, 18, 4, 3\})$	342144
36	$\mathcal{O}(0; \{36^5, 18, 12, 2\})$	342144
36	$\mathcal{O}(0; \{36^6, 9, 2\})$	979776
38	$\mathcal{O}(2; \{38^2, 2^2\})$	37532448
38	$\mathcal{O}(1; \{38^2, 2^6\})$	25992
38	$\mathcal{O}(0; \{38^2, 2^{10}\})$	18
39	$\mathcal{O}(1; \{39, 13^2, 3^3\})$	1204632
39	$\mathcal{O}(1; \{39^4, 13\})$	174671640
39	$\mathcal{O}(0; \{39, 13^2, 3^6\})$	5544
39	$\mathcal{O}(0; \{39^4, 13, 3^3\})$	803880
39	$\mathcal{O}(0; \{39^7\})$	115764264
40	$\mathcal{O}(2; \{20^2, 5\})$	57600000
40	$\mathcal{O}(2; \{40^2, 4\})$	81920000
40	$\mathcal{O}(1; \{5^4, 4^2\})$	124800
40	$\mathcal{O}(1; \{10, 5, 4^2, 2^3\})$	9600
40	$\mathcal{O}(1; \{10, 5, 4^4\})$	38400
40	$\mathcal{O}(1; \{10, 8^2, 5, 4, 2\})$	51200
40	$\mathcal{O}(1; \{10^3, 4^2, 2\})$	28800
40	$\mathcal{O}(1; \{20, 10, 5^2, 4, 2\})$	124800
40	$\mathcal{O}(1; \{20^2, 5, 2^4\})$	28800
40	$\mathcal{O}(1; \{20^2, 5, 4^2, 2\})$	115200
40	$\mathcal{O}(1; \{20^2, 10^2, 2^2\})$	124800
40	$\mathcal{O}(1; \{20^4, 10\})$	1958400
40	$\mathcal{O}(1; \{40, 8, 5^2, 4, 2\})$	153600
40	$\mathcal{O}(1; \{40, 20, 10, 8, 2^2\})$	153600
40	$\mathcal{O}(1; \{40, 20^3, 8\})$	2662400
40	$\mathcal{O}(1; \{40^2, 4, 2^4\})$	51200
40	$\mathcal{O}(1; \{40^2, 4^3, 2\})$	204800
40	$\mathcal{O}(1; \{40^2, 8^2, 2^2\})$	409600
40	$\mathcal{O}(1; \{40^2, 20, 5, 2^2\})$	665600
40	$\mathcal{O}(1; \{40^2, 20, 10^2\})$	2611200
40	$\mathcal{O}(1; \{40^3, 10, 8\})$	5324800
40	$\mathcal{O}(1; \{40^4, 5\})$	20889600
40	$\mathcal{O}(0; \{8^2, 5^4, 4, 2^2\})$	416
40	$\mathcal{O}(0; \{8^4, 5^4\})$	3328
40	$\mathcal{O}(0; \{10, 8^2, 5, 4, 2^5\})$	32
40	$\mathcal{O}(0; \{10, 8^2, 5, 4^3, 2^2\})$	128
40	$\mathcal{O}(0; \{10, 8^4, 5, 2^3\})$	256

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
40	$\mathcal{O}(0; \{10, 8^4, 5, 4^2\})$	1024
40	$\mathcal{O}(0; \{10^2, 8^2, 5^3, 4\})$	1632
40	$\mathcal{O}(0; \{10^3, 8^2, 4, 2^3\})$	96
40	$\mathcal{O}(0; \{10^3, 8^2, 4^3\})$	384
40	$\mathcal{O}(0; \{10^3, 8^4, 2\})$	768
40	$\mathcal{O}(0; \{20, 8^2, 5^5\})$	6560
40	$\mathcal{O}(0; \{20, 10, 8^2, 5^2, 2^3\})$	416
40	$\mathcal{O}(0; \{20, 10, 8^2, 5^2, 4^2\})$	1664
40	$\mathcal{O}(0; \{20, 10^3, 8^2, 5, 2\})$	1632
40	$\mathcal{O}(0; \{20^2, 8^2, 5, 4, 2^3\})$	384
40	$\mathcal{O}(0; \{20^2, 8^2, 5, 4^3\})$	1536
40	$\mathcal{O}(0; \{20^2, 8^4, 5, 2\})$	3072
40	$\mathcal{O}(0; \{20^2, 10^2, 8^2, 4, 2\})$	1664
40	$\mathcal{O}(0; \{20^3, 8^2, 5^2, 2\})$	6528
40	$\mathcal{O}(0; \{40, 8, 5^2, 4, 2^5\})$	96
40	$\mathcal{O}(0; \{40, 8, 5^2, 4^3, 2^2\})$	384
40	$\mathcal{O}(0; \{40, 8^3, 5^2, 2^3\})$	768
40	$\mathcal{O}(0; \{40, 8^3, 5^2, 4^2\})$	3072
40	$\mathcal{O}(0; \{40, 10, 8, 5^4, 4\})$	6560
40	$\mathcal{O}(0; \{40, 10^2, 8, 5, 4, 2^3\})$	416
40	$\mathcal{O}(0; \{40, 10^2, 8, 5, 4^3\})$	1664
40	$\mathcal{O}(0; \{40, 10^2, 8^3, 5, 2\})$	3328
40	$\mathcal{O}(0; \{40, 10^4, 8, 4, 2\})$	1632
40	$\mathcal{O}(0; \{40, 20, 8, 5^3, 2^3\})$	1632
40	$\mathcal{O}(0; \{40, 20, 8, 5^3, 4^2\})$	6528
40	$\mathcal{O}(0; \{40, 20, 10, 8, 2^6\})$	96
40	$\mathcal{O}(0; \{40, 20, 10, 8, 4^2, 2^3\})$	384
40	$\mathcal{O}(0; \{40, 20, 10, 8, 4^4\})$	1536
40	$\mathcal{O}(0; \{40, 20, 10, 8^3, 4, 2\})$	3072
40	$\mathcal{O}(0; \{40, 20, 10^2, 8, 5^2, 2\})$	6560
40	$\mathcal{O}(0; \{40, 20^2, 10, 8, 5, 4, 2\})$	6528
40	$\mathcal{O}(0; \{40, 20^3, 8, 2^4\})$	1664
40	$\mathcal{O}(0; \{40, 20^3, 8, 4^2, 2\})$	6656
40	$\mathcal{O}(0; \{40^2, 4, 2^8\})$	32
40	$\mathcal{O}(0; \{40^2, 4^3, 2^5\})$	128
40	$\mathcal{O}(0; \{40^2, 4^5, 2^2\})$	512
40	$\mathcal{O}(0; \{40^2, 5^5, 4\})$	26208
40	$\mathcal{O}(0; \{40^2, 8^2, 2^6\})$	256
40	$\mathcal{O}(0; \{40^2, 8^2, 4^2, 2^3\})$	1024
40	$\mathcal{O}(0; \{40^2, 8^2, 4^4\})$	4096
40	$\mathcal{O}(0; \{40^2, 8^4, 4, 2\})$	8192
40	$\mathcal{O}(0; \{40^2, 10, 5^2, 4, 2^3\})$	1632
40	$\mathcal{O}(0; \{40^2, 10, 5^2, 4^3\})$	6528

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
40	$\mathcal{O}(0; \{40^2, 10, 8^2, 5^2, 2\})$	13056
40	$\mathcal{O}(0; \{40^2, 10^3, 5, 4, 2\})$	6560
40	$\mathcal{O}(0; \{40^2, 20, 5, 2^6\})$	416
40	$\mathcal{O}(0; \{40^2, 20, 5, 4^2, 2^3\})$	1664
40	$\mathcal{O}(0; \{40^2, 20, 5, 4^4\})$	6656
40	$\mathcal{O}(0; \{40^2, 20, 8^2, 5, 4, 2\})$	13312
40	$\mathcal{O}(0; \{40^2, 20, 10, 5^3, 2\})$	26208
40	$\mathcal{O}(0; \{40^2, 20, 10^2, 2^4\})$	1632
40	$\mathcal{O}(0; \{40^2, 20, 10^2, 4^2, 2\})$	6528
40	$\mathcal{O}(0; \{40^2, 20^2, 5^2, 4, 2\})$	26240
40	$\mathcal{O}(0; \{40^2, 20^3, 10, 2^2\})$	26240
40	$\mathcal{O}(0; \{40^2, 20^5\})$	419328
40	$\mathcal{O}(0; \{40^3, 8, 5^3, 2\})$	52480
40	$\mathcal{O}(0; \{40^3, 10, 8, 2^4\})$	3328
40	$\mathcal{O}(0; \{40^3, 10, 8, 4^2, 2\})$	13312
40	$\mathcal{O}(0; \{40^3, 20^2, 8, 2^2\})$	52224
40	$\mathcal{O}(0; \{40^4, 5, 2^4\})$	13056
40	$\mathcal{O}(0; \{40^4, 5, 4^2, 2\})$	52224
40	$\mathcal{O}(0; \{40^4, 10^2, 2^2\})$	52480
40	$\mathcal{O}(0; \{40^4, 20^2, 10\})$	838656
40	$\mathcal{O}(0; \{40^5, 20, 8\})$	1679360
42	$\mathcal{O}(2; \{21, 7, 3\})$	35006580
42	$\mathcal{O}(1; \{14, 7^2, 3^2, 2\})$	105840
42	$\mathcal{O}(1; \{21, 7, 3, 2^4\})$	21168
42	$\mathcal{O}(1; \{21, 7, 3^4\})$	79380
42	$\mathcal{O}(1; \{21, 7, 6, 3^2, 2\})$	63504
42	$\mathcal{O}(1; \{21, 7, 6^2, 2^2\})$	21168
42	$\mathcal{O}(1; \{21, 14^2, 3, 2^2\})$	105840
42	$\mathcal{O}(1; \{21, 14^2, 6^2\})$	105840
42	$\mathcal{O}(1; \{21^2, 7^3\})$	2937060
42	$\mathcal{O}(1; \{21^4, 3\})$	2460780
42	$\mathcal{O}(1; \{42, 21, 7^2, 6\})$	656208
42	$\mathcal{O}(1; \{42, 21^2, 14, 3\})$	1968624
42	$\mathcal{O}(1; \{42^2, 7, 3, 2^2\})$	105840
42	$\mathcal{O}(1; \{42^2, 7, 6^2\})$	317520
42	$\mathcal{O}(1; \{42^2, 14^2, 3\})$	656208
42	$\mathcal{O}(0; \{14, 7^2, 3^2, 2^5\})$	60
42	$\mathcal{O}(0; \{14, 7^2, 3^5, 2\})$	300
42	$\mathcal{O}(0; \{14, 7^2, 6, 3^3, 2^2\})$	180
42	$\mathcal{O}(0; \{14, 7^2, 6^2, 3, 2^3\})$	60
42	$\mathcal{O}(0; \{14, 7^2, 6^3, 3^2\})$	300
42	$\mathcal{O}(0; \{14, 7^2, 6^4, 2\})$	180
42	$\mathcal{O}(0; \{14^3, 7, 3^2, 2^3\})$	372

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(0; \{14^3, 7, 6, 3^3\})$	1116
42	$\mathcal{O}(0; \{14^3, 7, 6^2, 3, 2\})$	372
42	$\mathcal{O}(0; \{14^5, 3^2, 2\})$	2220
42	$\mathcal{O}(0; \{21, 7, 3, 2^8\})$	12
42	$\mathcal{O}(0; \{21, 7, 3^4, 2^4\})$	60
42	$\mathcal{O}(0; \{21, 7, 6, 3^2, 2^5\})$	36
42	$\mathcal{O}(0; \{21, 7, 6, 3^5, 2\})$	252
42	$\mathcal{O}(0; \{21, 7, 6^2, 2^6\})$	12
42	$\mathcal{O}(0; \{21, 7, 6^2, 3^3, 2^2\})$	132
42	$\mathcal{O}(0; \{21, 7, 6^3, 3, 2^3\})$	60
42	$\mathcal{O}(0; \{21, 7, 6^4, 3^2\})$	252
42	$\mathcal{O}(0; \{21, 7, 6^5, 2\})$	132
42	$\mathcal{O}(0; \{21, 14, 7^4, 3, 2\})$	13332
42	$\mathcal{O}(0; \{21, 14^2, 3, 2^6\})$	60
42	$\mathcal{O}(0; \{21, 14^2, 3^4, 2^2\})$	300
42	$\mathcal{O}(0; \{21, 14^2, 6, 3^2, 2^3\})$	180
42	$\mathcal{O}(0; \{21, 14^2, 6^2, 2^4\})$	60
42	$\mathcal{O}(0; \{21, 14^2, 6^2, 3^3\})$	660
42	$\mathcal{O}(0; \{21, 14^2, 6^3, 3, 2\})$	300
42	$\mathcal{O}(0; \{21^2, 7^3, 2^4\})$	2220
42	$\mathcal{O}(0; \{21^2, 7^3, 6, 3, 2\})$	6660
42	$\mathcal{O}(0; \{21^2, 14^2, 7^2, 2^2\})$	13332
42	$\mathcal{O}(0; \{21^2, 14^4, 7\})$	79980
42	$\mathcal{O}(0; \{21^3, 14, 7, 3^2, 2\})$	11100
42	$\mathcal{O}(0; \{21^3, 14, 7, 6, 2^2\})$	6660
42	$\mathcal{O}(0; \{21^3, 14^3, 6\})$	39996
42	$\mathcal{O}(0; \{21^4, 3, 2^4\})$	1860
42	$\mathcal{O}(0; \{21^4, 6, 3^2, 2\})$	7812
42	$\mathcal{O}(0; \{21^4, 6^2, 2^2\})$	4092
42	$\mathcal{O}(0; \{42, 14, 7^3, 3^3\})$	6660
42	$\mathcal{O}(0; \{42, 14, 7^3, 6, 3, 2\})$	2220
42	$\mathcal{O}(0; \{42, 21, 7^2, 3^2, 2^3\})$	1116
42	$\mathcal{O}(0; \{42, 21, 7^2, 6, 2^4\})$	372
42	$\mathcal{O}(0; \{42, 21, 7^2, 6, 3^3\})$	4092
42	$\mathcal{O}(0; \{42, 21, 7^2, 6^2, 3, 2\})$	1860
42	$\mathcal{O}(0; \{42, 21, 14^2, 7, 3^2, 2\})$	6660
42	$\mathcal{O}(0; \{42, 21, 14^2, 7, 6, 2^2\})$	2220
42	$\mathcal{O}(0; \{42, 21, 14^4, 6\})$	13332
42	$\mathcal{O}(0; \{42, 21^2, 14, 3, 2^4\})$	1116
42	$\mathcal{O}(0; \{42, 21^2, 14, 3^4\})$	7812
42	$\mathcal{O}(0; \{42, 21^2, 14, 6, 3^2, 2\})$	4092
42	$\mathcal{O}(0; \{42, 21^2, 14, 6^2, 2^2\})$	1860
42	$\mathcal{O}(0; \{42, 21^3, 14, 7^2\})$	239940

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(0; \{42, 21^4, 7, 6\})$	146652
42	$\mathcal{O}(0; \{42^2, 7, 3, 2^6\})$	60
42	$\mathcal{O}(0; \{42^2, 7, 3^4, 2^2\})$	660
42	$\mathcal{O}(0; \{42^2, 7, 6, 3^2, 2^3\})$	300
42	$\mathcal{O}(0; \{42^2, 7, 6^2, 2^4\})$	180
42	$\mathcal{O}(0; \{42^2, 7, 6^2, 3^3\})$	1260
42	$\mathcal{O}(0; \{42^2, 7, 6^3, 3, 2\})$	660
42	$\mathcal{O}(0; \{42^2, 14^2, 3, 2^4\})$	372
42	$\mathcal{O}(0; \{42^2, 14^2, 3^4\})$	4092
42	$\mathcal{O}(0; \{42^2, 14^2, 6, 3^2, 2\})$	1860
42	$\mathcal{O}(0; \{42^2, 14^2, 6^2, 2^2\})$	1116
42	$\mathcal{O}(0; \{42^2, 21, 7^3, 2^2\})$	13332
42	$\mathcal{O}(0; \{42^2, 21, 14^2, 7^2\})$	79980
42	$\mathcal{O}(0; \{42^2, 21^2, 14, 7, 6\})$	66660
42	$\mathcal{O}(0; \{42^2, 21^3, 3, 2^2\})$	24420
42	$\mathcal{O}(0; \{42^2, 21^3, 6^2\})$	46620
42	$\mathcal{O}(0; \{42^3, 7^2, 3^2, 2\})$	11100
42	$\mathcal{O}(0; \{42^3, 7^2, 6, 2^2\})$	6660
42	$\mathcal{O}(0; \{42^3, 14^2, 7, 6\})$	39996
42	$\mathcal{O}(0; \{42^3, 21, 14, 3, 2^2\})$	11100
42	$\mathcal{O}(0; \{42^3, 21, 14, 6^2\})$	24420
42	$\mathcal{O}(0; \{42^4, 7^3\})$	239940
42	$\mathcal{O}(0; \{42^4, 21^2, 3\})$	279972
42	$\mathcal{O}(0; \{42^5, 14, 3\})$	146652
44	$\mathcal{O}(1; \{22, 11^2, 2^3\})$	130680
44	$\mathcal{O}(1; \{22, 11^2, 4^2\})$	348480
44	$\mathcal{O}(1; \{22^3, 11, 2\})$	1321320
44	$\mathcal{O}(1; \{44^2, 11^2, 2\})$	3523520
44	$\mathcal{O}(0; \{22, 11^2, 4^2, 2^4\})$	180
44	$\mathcal{O}(0; \{22, 11^2, 4^4, 2\})$	720
44	$\mathcal{O}(0; \{22^3, 11, 4^2, 2^2\})$	1820
44	$\mathcal{O}(0; \{22^5, 4^2\})$	18180
44	$\mathcal{O}(0; \{44, 11^5, 4\})$	181820
44	$\mathcal{O}(0; \{44^2, 11^2, 2^5\})$	1820
44	$\mathcal{O}(0; \{44^2, 11^2, 4^2, 2^2\})$	7280
44	$\mathcal{O}(0; \{44^2, 22^2, 11, 2^3\})$	18180
44	$\mathcal{O}(0; \{44^2, 22^2, 11, 4^2\})$	72720
44	$\mathcal{O}(0; \{44^2, 22^4, 2\})$	181820
44	$\mathcal{O}(0; \{44^4, 22, 11, 2\})$	727280
45	$\mathcal{O}(1; \{9^2, 5^3\})$	145800
45	$\mathcal{O}(1; \{15, 9^2, 5, 3\})$	194400
45	$\mathcal{O}(1; \{45^2, 9, 3^2\})$	583200
45	$\mathcal{O}(0; \{9^2, 5^3, 3^3\})$	576

Continued on next page

Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
45	$\mathcal{O}(0; \{15, 9^2, 5, 3^4\})$	768
45	$\mathcal{O}(0; \{15, 9^5, 5\})$	6480
45	$\mathcal{O}(0; \{15^3, 9^2, 5^2\})$	9792
45	$\mathcal{O}(0; \{15^4, 9^2, 3\})$	9984
45	$\mathcal{O}(0; \{45, 15, 9^3, 5^2\})$	16848
45	$\mathcal{O}(0; \{45, 15^2, 9^3, 3\})$	15552
45	$\mathcal{O}(0; \{45^2, 9, 3^5\})$	2304
45	$\mathcal{O}(0; \{45^2, 9^4, 3\})$	42768
45	$\mathcal{O}(0; \{45^2, 15, 9, 5^3\})$	29520
45	$\mathcal{O}(0; \{45^2, 15^2, 9, 5, 3\})$	29376
45	$\mathcal{O}(0; \{45^3, 9^2, 5, 3\})$	84240
45	$\mathcal{O}(0; \{45^4, 5^2, 3\})$	265680
45	$\mathcal{O}(0; \{45^4, 15, 3^2\})$	264384
47	$\mathcal{O}(3; \emptyset)$	10779215328
48	$\mathcal{O}(2; \{24^2\})$	39813120
48	$\mathcal{O}(1; \{8^2, 6, 3^2\})$	13824
48	$\mathcal{O}(1; \{8^2, 6^2, 2\})$	13824
48	$\mathcal{O}(1; \{24, 8, 4, 3^2\})$	27648
48	$\mathcal{O}(1; \{24, 8, 6, 4, 2\})$	27648
48	$\mathcal{O}(1; \{24, 12, 8, 3, 2\})$	27648
48	$\mathcal{O}(1; \{24^2, 2^4\})$	13824
48	$\mathcal{O}(1; \{24^2, 3^3\})$	69120
48	$\mathcal{O}(1; \{24^2, 4^2, 2\})$	55296
48	$\mathcal{O}(1; \{24^2, 6, 3, 2\})$	41472
48	$\mathcal{O}(1; \{48, 16, 3^3\})$	110592
48	$\mathcal{O}(1; \{48, 16, 6, 3, 2\})$	36864
48	$\mathcal{O}(1; \{48^2, 24, 2^2\})$	147456
48	$\mathcal{O}(1; \{48^4\})$	7077888
48	$\mathcal{O}(0; \{16^2, 8, 3^4, 2\})$	192
48	$\mathcal{O}(0; \{16^2, 8, 6, 3^2, 2^2\})$	64
48	$\mathcal{O}(0; \{16^2, 8, 6^2, 2^3\})$	64
48	$\mathcal{O}(0; \{16^2, 8, 6^2, 4^2\})$	256
48	$\mathcal{O}(0; \{16^2, 8, 6^3, 3\})$	192
48	$\mathcal{O}(0; \{16^2, 12, 8, 6, 4, 3\})$	256
48	$\mathcal{O}(0; \{16^2, 12^2, 8, 3^2\})$	768
48	$\mathcal{O}(0; \{16^2, 12^2, 8, 6, 2\})$	256
48	$\mathcal{O}(0; \{16^4, 6, 3^2\})$	1024
48	$\mathcal{O}(0; \{16^4, 6^2, 2\})$	1024
48	$\mathcal{O}(0; \{24, 16^2, 4, 3^2, 2^2\})$	128
48	$\mathcal{O}(0; \{24, 16^2, 6, 4, 2^3\})$	128
48	$\mathcal{O}(0; \{24, 16^2, 6, 4^3\})$	512
48	$\mathcal{O}(0; \{24, 16^2, 6^2, 4, 3\})$	384
48	$\mathcal{O}(0; \{24, 16^2, 8^2, 3^2\})$	1024

Continued on next page

Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{24, 16^2, 8^2, 6, 2\})$	1024
48	$\mathcal{O}(0; \{24, 16^2, 12, 3, 2^3\})$	128
48	$\mathcal{O}(0; \{24, 16^2, 12, 4^2, 3\})$	512
48	$\mathcal{O}(0; \{24, 16^2, 12, 6, 3^2\})$	640
48	$\mathcal{O}(0; \{24, 16^2, 12, 6^2, 2\})$	384
48	$\mathcal{O}(0; \{24, 16^2, 12^2, 4, 2\})$	512
48	$\mathcal{O}(0; \{24^2, 16^2, 8, 4, 2\})$	2048
48	$\mathcal{O}(0; \{24^3, 16^2, 3, 2\})$	3072
48	$\mathcal{O}(0; \{48, 16, 3^3, 2^4\})$	48
48	$\mathcal{O}(0; \{48, 16, 3^6\})$	336
48	$\mathcal{O}(0; \{48, 16, 4^2, 3^3, 2\})$	192
48	$\mathcal{O}(0; \{48, 16, 6, 3, 2^5\})$	16
48	$\mathcal{O}(0; \{48, 16, 6, 3^4, 2\})$	176
48	$\mathcal{O}(0; \{48, 16, 6, 4^2, 3, 2^2\})$	64
48	$\mathcal{O}(0; \{48, 16, 6^2, 3^2, 2^2\})$	80
48	$\mathcal{O}(0; \{48, 16, 6^3, 2^3\})$	48
48	$\mathcal{O}(0; \{48, 16, 6^3, 4^2\})$	192
48	$\mathcal{O}(0; \{48, 16, 6^4, 3\})$	176
48	$\mathcal{O}(0; \{48, 16, 8^2, 6, 4, 3\})$	512
48	$\mathcal{O}(0; \{48, 16, 12, 4, 3^2, 2^2\})$	192
48	$\mathcal{O}(0; \{48, 16, 12, 6, 4, 2^3\})$	64
48	$\mathcal{O}(0; \{48, 16, 12, 6, 4^3\})$	256
48	$\mathcal{O}(0; \{48, 16, 12, 6^2, 4, 3\})$	320
48	$\mathcal{O}(0; \{48, 16, 12, 8^2, 3^2\})$	1536
48	$\mathcal{O}(0; \{48, 16, 12, 8^2, 6, 2\})$	512
48	$\mathcal{O}(0; \{48, 16, 12^2, 3, 2^3\})$	192
48	$\mathcal{O}(0; \{48, 16, 12^2, 4^2, 3\})$	768
48	$\mathcal{O}(0; \{48, 16, 12^2, 6, 3^2\})$	704
48	$\mathcal{O}(0; \{48, 16, 12^2, 6^2, 2\})$	320
48	$\mathcal{O}(0; \{48, 16, 12^3, 4, 2\})$	768
48	$\mathcal{O}(0; \{48, 24, 16, 8, 3, 2^3\})$	256
48	$\mathcal{O}(0; \{48, 24, 16, 8, 4^2, 3\})$	1024
48	$\mathcal{O}(0; \{48, 24, 16, 8, 6, 3^2\})$	1280
48	$\mathcal{O}(0; \{48, 24, 16, 8, 6^2, 2\})$	768
48	$\mathcal{O}(0; \{48, 24, 16, 12, 8, 4, 2\})$	1024
48	$\mathcal{O}(0; \{48, 24, 16^3, 3, 2\})$	4096
48	$\mathcal{O}(0; \{48, 24^2, 16, 4, 3^2\})$	2560
48	$\mathcal{O}(0; \{48, 24^2, 16, 6, 4, 2\})$	1536
48	$\mathcal{O}(0; \{48, 24^2, 16, 12, 3, 2\})$	2560
48	$\mathcal{O}(0; \{48^2, 8, 4, 3^2, 2^2\})$	384
48	$\mathcal{O}(0; \{48^2, 8, 6, 4, 2^3\})$	128
48	$\mathcal{O}(0; \{48^2, 8, 6, 4^3\})$	512
48	$\mathcal{O}(0; \{48^2, 8, 6^2, 4, 3\})$	640

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{48^2, 8^3, 3^2\})$	3072
48	$\mathcal{O}(0; \{48^2, 8^3, 6, 2\})$	1024
48	$\mathcal{O}(0; \{48^2, 12, 8, 3, 2^3\})$	384
48	$\mathcal{O}(0; \{48^2, 12, 8, 4^2, 3\})$	1536
48	$\mathcal{O}(0; \{48^2, 12, 8, 6, 3^2\})$	1408
48	$\mathcal{O}(0; \{48^2, 12, 8, 6^2, 2\})$	640
48	$\mathcal{O}(0; \{48^2, 12^2, 8, 4, 2\})$	1536
48	$\mathcal{O}(0; \{48^2, 16^2, 4, 3^2\})$	6144
48	$\mathcal{O}(0; \{48^2, 16^2, 6, 4, 2\})$	2048
48	$\mathcal{O}(0; \{48^2, 16^2, 12, 3, 2\})$	6144
48	$\mathcal{O}(0; \{48^2, 24, 2^6\})$	64
48	$\mathcal{O}(0; \{48^2, 24, 3^3, 2^2\})$	704
48	$\mathcal{O}(0; \{48^2, 24, 4^2, 2^3\})$	256
48	$\mathcal{O}(0; \{48^2, 24, 4^4\})$	1024
48	$\mathcal{O}(0; \{48^2, 24, 6, 3, 2^3\})$	320
48	$\mathcal{O}(0; \{48^2, 24, 6, 4^2, 3\})$	1280
48	$\mathcal{O}(0; \{48^2, 24, 6^2, 3^2\})$	1344
48	$\mathcal{O}(0; \{48^2, 24, 6^3, 2\})$	704
48	$\mathcal{O}(0; \{48^2, 24, 8^2, 4, 2\})$	2048
48	$\mathcal{O}(0; \{48^2, 24, 12, 4, 3^2\})$	2816
48	$\mathcal{O}(0; \{48^2, 24, 12, 6, 4, 2\})$	1280
48	$\mathcal{O}(0; \{48^2, 24, 12^2, 3, 2\})$	2816
48	$\mathcal{O}(0; \{48^2, 24^2, 8, 3, 2\})$	5120
48	$\mathcal{O}(0; \{48^3, 16, 8, 3, 2\})$	12288
48	$\mathcal{O}(0; \{48^4, 2^4\})$	3072
48	$\mathcal{O}(0; \{48^4, 3^3\})$	21504
48	$\mathcal{O}(0; \{48^4, 4^2, 2\})$	12288
48	$\mathcal{O}(0; \{48^4, 6, 3, 2\})$	11264
50	$\mathcal{O}(1; \{50^2, 5, 2^2\})$	200000
50	$\mathcal{O}(1; \{50^2, 10^2\})$	800000
50	$\mathcal{O}(0; \{50, 25^3, 10, 2^2\})$	26000
50	$\mathcal{O}(0; \{50^2, 5, 2^6\})$	80
50	$\mathcal{O}(0; \{50^2, 10, 5^3, 2\})$	5120
50	$\mathcal{O}(0; \{50^2, 10^2, 2^4\})$	320
50	$\mathcal{O}(0; \{50^3, 25^2, 10\})$	510000
52	$\mathcal{O}(1; \{52, 26, 13, 4\})$	713856
52	$\mathcal{O}(0; \{52, 26, 13, 4, 2^4\})$	264
52	$\mathcal{O}(0; \{52, 26, 13, 4^3, 2\})$	1056
52	$\mathcal{O}(0; \{52, 26^3, 4, 2^2\})$	3192
52	$\mathcal{O}(0; \{52^3, 13, 4, 2^2\})$	12768
52	$\mathcal{O}(0; \{52^3, 26^2, 4\})$	153120
54	$\mathcal{O}(1; \{27^2, 9, 3\})$	472392
54	$\mathcal{O}(0; \{27^2, 9, 3, 2^4\})$	216

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
54	$\mathcal{O}(0; \{27^2, 9, 6, 3^2, 2\})$	864
54	$\mathcal{O}(0; \{27^2, 9, 6^2, 2^2\})$	432
54	$\mathcal{O}(0; \{27^2, 18, 9^2, 6\})$	7776
54	$\mathcal{O}(0; \{27^2, 18^2, 3, 2^2\})$	1296
54	$\mathcal{O}(0; \{27^2, 18^2, 6^2\})$	2592
54	$\mathcal{O}(0; \{54, 27^3, 18, 3\})$	52488
54	$\mathcal{O}(0; \{54^2, 27, 9, 3, 2^2\})$	1944
54	$\mathcal{O}(0; \{54^2, 27, 9, 6^2\})$	3888
54	$\mathcal{O}(0; \{54^2, 27, 18^2, 3\})$	11664
54	$\mathcal{O}(0; \{54^4, 9, 3\})$	52488
55	$\mathcal{O}(1; \{11^2, 5^2\})$	121000
55	$\mathcal{O}(0; \{55, 11^4, 5\})$	36360
56	$\mathcal{O}(1; \{14^2, 4^2\})$	28224
56	$\mathcal{O}(1; \{28^2, 14, 2\})$	141120
56	$\mathcal{O}(0; \{14^2, 8^2, 4, 2^2\})$	48
56	$\mathcal{O}(0; \{14^2, 8^4\})$	384
56	$\mathcal{O}(0; \{28, 14, 8^2, 7^2\})$	1488
56	$\mathcal{O}(0; \{28^2, 14, 8^2, 4\})$	960
56	$\mathcal{O}(0; \{56, 14, 8, 7^3\})$	4440
56	$\mathcal{O}(0; \{56, 28, 14, 8, 7, 4\})$	2976
56	$\mathcal{O}(0; \{56^2, 14, 7^2, 4\})$	8880
56	$\mathcal{O}(0; \{56^2, 28, 14, 2^3\})$	1488
56	$\mathcal{O}(0; \{56^2, 28, 14, 4^2\})$	5952
56	$\mathcal{O}(0; \{56^2, 28^3, 2\})$	35520
56	$\mathcal{O}(0; \{56^4, 14, 2\})$	71040
57	$\mathcal{O}(1; \{57^2, 3^2\})$	350892
57	$\mathcal{O}(0; \{57^2, 3^5\})$	756
60	$\mathcal{O}(1; \{10^2, 3^2\})$	21600
60	$\mathcal{O}(1; \{60^2, 3, 2\})$	57600
60	$\mathcal{O}(0; \{10^2, 4^2, 3^2, 2\})$	16
60	$\mathcal{O}(0; \{12, 10^2, 4, 3, 2^2\})$	16
60	$\mathcal{O}(0; \{12, 10^2, 6^2, 4\})$	16
60	$\mathcal{O}(0; \{12^2, 10, 5^3\})$	208
60	$\mathcal{O}(0; \{12^2, 10^2, 2^3\})$	16
60	$\mathcal{O}(0; \{12^2, 10^2, 4^2\})$	64
60	$\mathcal{O}(0; \{12^2, 10^2, 6, 3\})$	48
60	$\mathcal{O}(0; \{15, 12, 10, 6, 5, 4\})$	48
60	$\mathcal{O}(0; \{15, 12^2, 10, 5, 3\})$	144
60	$\mathcal{O}(0; \{15^2, 12, 5^2, 4\})$	208
60	$\mathcal{O}(0; \{15^3, 6, 4^2\})$	144
60	$\mathcal{O}(0; \{15^3, 12, 4, 3\})$	240
60	$\mathcal{O}(0; \{15^3, 12^2, 2\})$	240
60	$\mathcal{O}(0; \{20, 5^2, 4, 3^2, 2\})$	48

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{20, 12, 5^2, 3, 2^2\})$	48
60	$\mathcal{O}(0; \{20, 12, 6^2, 5^2\})$	48
60	$\mathcal{O}(0; \{20, 12, 10^2, 5, 3\})$	208
60	$\mathcal{O}(0; \{20, 12^2, 5^2, 4\})$	192
60	$\mathcal{O}(0; \{20, 15, 4, 3^3, 2\})$	48
60	$\mathcal{O}(0; \{20, 15, 6, 4, 3, 2^2\})$	16
60	$\mathcal{O}(0; \{20, 15, 6^3, 4\})$	48
60	$\mathcal{O}(0; \{20, 15, 12, 3^2, 2^2\})$	48
60	$\mathcal{O}(0; \{20, 15, 12, 6, 2^3\})$	16
60	$\mathcal{O}(0; \{20, 15, 12, 6, 4^2\})$	64
60	$\mathcal{O}(0; \{20, 15, 12, 6^2, 3\})$	80
60	$\mathcal{O}(0; \{20, 15, 12^2, 4, 3\})$	192
60	$\mathcal{O}(0; \{20, 15, 12^3, 2\})$	192
60	$\mathcal{O}(0; \{20, 15^2, 10, 4, 3\})$	208
60	$\mathcal{O}(0; \{20, 15^2, 12, 10, 2\})$	208
60	$\mathcal{O}(0; \{20^2, 10, 3^2, 2^2\})$	48
60	$\mathcal{O}(0; \{20^2, 10, 6^2, 3\})$	48
60	$\mathcal{O}(0; \{20^2, 12, 10, 4, 3\})$	192
60	$\mathcal{O}(0; \{20^2, 12^2, 10, 2\})$	192
60	$\mathcal{O}(0; \{20^2, 15, 6, 5, 3\})$	208
60	$\mathcal{O}(0; \{20^4, 3^2\})$	832
60	$\mathcal{O}(0; \{30, 12, 10, 5^2, 4\})$	208
60	$\mathcal{O}(0; \{30, 15, 10, 6, 4^2\})$	48
60	$\mathcal{O}(0; \{30, 15, 12, 10, 4, 3\})$	144
60	$\mathcal{O}(0; \{30, 15, 12^2, 10, 2\})$	144
60	$\mathcal{O}(0; \{30, 15^2, 5, 4^2\})$	208
60	$\mathcal{O}(0; \{30, 20, 5, 4, 3, 2^2\})$	48
60	$\mathcal{O}(0; \{30, 20, 6^2, 5, 4\})$	48
60	$\mathcal{O}(0; \{30, 20, 10^2, 4, 3\})$	208
60	$\mathcal{O}(0; \{30, 20, 12, 5, 2^3\})$	48
60	$\mathcal{O}(0; \{30, 20, 12, 5, 4^2\})$	192
60	$\mathcal{O}(0; \{30, 20, 12, 6, 5, 3\})$	144
60	$\mathcal{O}(0; \{30, 20, 12, 10^2, 2\})$	208
60	$\mathcal{O}(0; \{30, 20^2, 5^2, 3\})$	816
60	$\mathcal{O}(0; \{30, 20^2, 15, 3^2\})$	624
60	$\mathcal{O}(0; \{30, 20^2, 15, 6, 2\})$	208
60	$\mathcal{O}(0; \{30^2, 10, 5, 4^2\})$	208
60	$\mathcal{O}(0; \{30^2, 20, 4, 2^3\})$	48
60	$\mathcal{O}(0; \{30^2, 20, 4^3\})$	192
60	$\mathcal{O}(0; \{30^2, 20, 6, 4, 3\})$	144
60	$\mathcal{O}(0; \{30^2, 20, 12, 3^2\})$	240
60	$\mathcal{O}(0; \{30^2, 20, 12, 6, 2\})$	144
60	$\mathcal{O}(0; \{30^2, 20^2, 5, 2\})$	816

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{60, 10, 4, 3^3, 2\})$	48
60	$\mathcal{O}(0; \{60, 10, 6, 4, 3, 2^2\})$	16
60	$\mathcal{O}(0; \{60, 10, 6^3, 4\})$	48
60	$\mathcal{O}(0; \{60, 12, 6, 5^3\})$	208
60	$\mathcal{O}(0; \{60, 12, 10, 3^2, 2^2\})$	48
60	$\mathcal{O}(0; \{60, 12, 10, 6, 2^3\})$	16
60	$\mathcal{O}(0; \{60, 12, 10, 6, 4^2\})$	64
60	$\mathcal{O}(0; \{60, 12, 10, 6^2, 3\})$	80
60	$\mathcal{O}(0; \{60, 12^2, 10, 4, 3\})$	192
60	$\mathcal{O}(0; \{60, 12^3, 10, 2\})$	192
60	$\mathcal{O}(0; \{60, 15, 5, 4, 3, 2^2\})$	48
60	$\mathcal{O}(0; \{60, 15, 6^2, 5, 4\})$	144
60	$\mathcal{O}(0; \{60, 15, 10^2, 4, 3\})$	208
60	$\mathcal{O}(0; \{60, 15, 12, 5, 2^3\})$	48
60	$\mathcal{O}(0; \{60, 15, 12, 5, 4^2\})$	192
60	$\mathcal{O}(0; \{60, 15, 12, 6, 5, 3\})$	240
60	$\mathcal{O}(0; \{60, 15, 12, 10^2, 2\})$	208
60	$\mathcal{O}(0; \{60, 20, 10, 6, 5, 3\})$	208
60	$\mathcal{O}(0; \{60, 20, 15, 5^2, 3\})$	816
60	$\mathcal{O}(0; \{60, 20, 15^2, 3^2\})$	1040
60	$\mathcal{O}(0; \{60, 20, 15^2, 6, 2\})$	624
60	$\mathcal{O}(0; \{60, 20^2, 6, 4, 3\})$	192
60	$\mathcal{O}(0; \{60, 20^2, 12, 3^2\})$	576
60	$\mathcal{O}(0; \{60, 20^2, 12, 6, 2\})$	192
60	$\mathcal{O}(0; \{60, 30, 6, 5^2, 4\})$	208
60	$\mathcal{O}(0; \{60, 30, 12, 5^2, 3\})$	624
60	$\mathcal{O}(0; \{60, 30, 15, 4, 2^3\})$	48
60	$\mathcal{O}(0; \{60, 30, 15, 4^3\})$	192
60	$\mathcal{O}(0; \{60, 30, 15, 6, 4, 3\})$	240
60	$\mathcal{O}(0; \{60, 30, 15, 12, 3^2\})$	528
60	$\mathcal{O}(0; \{60, 30, 15, 12, 6, 2\})$	240
60	$\mathcal{O}(0; \{60, 30, 20, 10, 3^2\})$	624
60	$\mathcal{O}(0; \{60, 30, 20, 10, 6, 2\})$	208
60	$\mathcal{O}(0; \{60, 30, 20, 15, 5, 2\})$	816
60	$\mathcal{O}(0; \{60, 30^2, 5, 4, 3\})$	624
60	$\mathcal{O}(0; \{60, 30^2, 12, 5, 2\})$	624
60	$\mathcal{O}(0; \{60, 30^3, 4, 2\})$	624
60	$\mathcal{O}(0; \{60^2, 3, 2^3\})$	16
60	$\mathcal{O}(0; \{60^2, 3^4, 2\})$	176
60	$\mathcal{O}(0; \{60^2, 4^2, 3, 2^2\})$	64
60	$\mathcal{O}(0; \{60^2, 6, 3^2, 2^2\})$	80
60	$\mathcal{O}(0; \{60^2, 6^2, 2^3\})$	48
60	$\mathcal{O}(0; \{60^2, 6^2, 4^2\})$	192

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{60^2, 6^3, 3\})$	176
60	$\mathcal{O}(0; \{60^2, 10, 5^2, 3\})$	816
60	$\mathcal{O}(0; \{60^2, 12, 4, 2^3\})$	64
60	$\mathcal{O}(0; \{60^2, 12, 4^3\})$	256
60	$\mathcal{O}(0; \{60^2, 12, 6, 4, 3\})$	320
60	$\mathcal{O}(0; \{60^2, 12^2, 3^2\})$	704
60	$\mathcal{O}(0; \{60^2, 12^2, 6, 2\})$	320
60	$\mathcal{O}(0; \{60^2, 15, 10, 3^2\})$	1040
60	$\mathcal{O}(0; \{60^2, 15, 10, 6, 2\})$	624
60	$\mathcal{O}(0; \{60^2, 15^2, 5, 2\})$	2448
60	$\mathcal{O}(0; \{60^2, 20, 5, 4, 3\})$	832
60	$\mathcal{O}(0; \{60^2, 20, 12, 5, 2\})$	832
60	$\mathcal{O}(0; \{60^2, 30, 10, 5, 2\})$	816
60	$\mathcal{O}(0; \{60^2, 30, 20, 4, 2\})$	832
60	$\mathcal{O}(0; \{60^3, 15, 4, 2\})$	2496
64	$\mathcal{O}(1; \{32^2, 2^2\})$	49152
64	$\mathcal{O}(1; \{64^2, 32\})$	2097152
64	$\mathcal{O}(0; \{64^2, 32, 2^4\})$	512
64	$\mathcal{O}(0; \{64^2, 32, 4^2, 2\})$	2048
64	$\mathcal{O}(0; \{64^4, 2^2\})$	32768
65	$\mathcal{O}(1; \{65^2, 13\})$	2230800
66	$\mathcal{O}(1; \{33^2, 11\})$	588060
66	$\mathcal{O}(0; \{33^2, 11, 2^4\})$	180
66	$\mathcal{O}(0; \{33^2, 11, 6, 3, 2\})$	540
66	$\mathcal{O}(0; \{33^2, 22^2, 2^2\})$	1820
66	$\mathcal{O}(0; \{66, 22, 11, 3^3\})$	540
66	$\mathcal{O}(0; \{66, 22, 11, 6, 3, 2\})$	180
66	$\mathcal{O}(0; \{66, 33^3, 22\})$	54540
66	$\mathcal{O}(0; \{66^2, 33, 11, 2^2\})$	1820
66	$\mathcal{O}(0; \{66^2, 33, 22^2\})$	18180
66	$\mathcal{O}(0; \{66^4, 11\})$	54540
70	$\mathcal{O}(0; \{14, 7, 5^3, 2\})$	72
70	$\mathcal{O}(0; \{70, 35, 14, 5, 2^2\})$	360
70	$\mathcal{O}(0; \{70, 35, 14, 10^2\})$	1560
70	$\mathcal{O}(0; \{70, 35^2, 10, 7\})$	9672
70	$\mathcal{O}(0; \{70^2, 7^2, 2^2\})$	744
70	$\mathcal{O}(0; \{70^2, 14^2, 7\})$	4440
70	$\mathcal{O}(0; \{70^3, 14, 5\})$	9672
72	$\mathcal{O}(1; \{36, 9, 4\})$	46656
72	$\mathcal{O}(1; \{36^2, 3\})$	93312
72	$\mathcal{O}(0; \{24, 9^2, 8, 2^2\})$	48
72	$\mathcal{O}(0; \{24, 18^2, 9, 8\})$	144
72	$\mathcal{O}(0; \{24^2, 12, 9^2\})$	384

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
72	$\mathcal{O}(0; \{36, 9, 8^2, 2^2\})$	48
72	$\mathcal{O}(0; \{36, 18^2, 8^2\})$	144
72	$\mathcal{O}(0; \{36, 24, 12, 9, 8\})$	384
72	$\mathcal{O}(0; \{36, 24^2, 9, 6\})$	384
72	$\mathcal{O}(0; \{36^2, 12, 8^2\})$	384
72	$\mathcal{O}(0; \{36^2, 24, 8, 6\})$	384
72	$\mathcal{O}(0; \{36^2, 24^2, 4\})$	768
72	$\mathcal{O}(0; \{72, 18, 12, 9, 8\})$	288
72	$\mathcal{O}(0; \{72, 24, 9^3\})$	1296
72	$\mathcal{O}(0; \{72, 24, 18, 9, 6\})$	288
72	$\mathcal{O}(0; \{72, 36, 9^2, 8\})$	1296
72	$\mathcal{O}(0; \{72, 36, 18, 8, 6\})$	288
72	$\mathcal{O}(0; \{72, 36, 24, 18, 4\})$	576
72	$\mathcal{O}(0; \{72^2, 9, 4, 2^2\})$	144
72	$\mathcal{O}(0; \{72^2, 9, 8^2\})$	1152
72	$\mathcal{O}(0; \{72^2, 12, 9, 6\})$	576
72	$\mathcal{O}(0; \{72^2, 18^2, 4\})$	1296
72	$\mathcal{O}(0; \{72^2, 36, 3, 2^2\})$	288
72	$\mathcal{O}(0; \{72^2, 36, 6^2\})$	576
72	$\mathcal{O}(0; \{72^2, 36, 12, 4\})$	1152
72	$\mathcal{O}(0; \{72^4, 3\})$	20736
75	$\mathcal{O}(0; \{75, 25^2, 15, 3\})$	2400
75	$\mathcal{O}(0; \{75^2, 15, 5^2\})$	2560
75	$\mathcal{O}(0; \{75^2, 15^2, 3\})$	3200
76	$\mathcal{O}(1; \{76^2, 2\})$	207936
76	$\mathcal{O}(0; \{76^2, 2^5\})$	36
76	$\mathcal{O}(0; \{76^2, 4^2, 2^2\})$	144
77	$\mathcal{O}(0; \{11^3, 7^2\})$	540
78	$\mathcal{O}(0; \{39^2, 26, 2^3\})$	264
78	$\mathcal{O}(0; \{39^2, 26, 6, 3\})$	792
78	$\mathcal{O}(0; \{78, 13, 3^3, 2\})$	72
78	$\mathcal{O}(0; \{78, 13, 6, 3, 2^2\})$	24
78	$\mathcal{O}(0; \{78, 13, 6^3\})$	72
78	$\mathcal{O}(0; \{78, 26^2, 6, 3\})$	264
78	$\mathcal{O}(0; \{78, 39^3, 2\})$	9576
78	$\mathcal{O}(0; \{78^2, 39, 26, 2\})$	3192
80	$\mathcal{O}(0; \{16^2, 8, 5^2\})$	128
80	$\mathcal{O}(0; \{80, 16, 8, 5, 4\})$	256
80	$\mathcal{O}(0; \{80, 40, 20, 16, 2\})$	768
80	$\mathcal{O}(0; \{80^2, 8, 2^3\})$	128
80	$\mathcal{O}(0; \{80^2, 8, 4^2\})$	512
80	$\mathcal{O}(0; \{80^2, 16^2, 2\})$	2048
80	$\mathcal{O}(0; \{80^2, 40, 10, 2\})$	1664

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
84	$\mathcal{O}(0; \{21^2, 6, 4^2\})$	24
84	$\mathcal{O}(0; \{21^2, 12, 4, 3\})$	72
84	$\mathcal{O}(0; \{21^2, 12^2, 2\})$	72
84	$\mathcal{O}(0; \{28, 7, 6^2, 4\})$	24
84	$\mathcal{O}(0; \{28, 12, 7, 6, 3\})$	24
84	$\mathcal{O}(0; \{42, 14, 6, 4^2\})$	24
84	$\mathcal{O}(0; \{42, 14, 12, 4, 3\})$	24
84	$\mathcal{O}(0; \{42, 14, 12^2, 2\})$	24
84	$\mathcal{O}(0; \{42, 28^2, 3^2\})$	120
84	$\mathcal{O}(0; \{42, 28^2, 6, 2\})$	120
84	$\mathcal{O}(0; \{84, 28, 21, 3^2\})$	360
84	$\mathcal{O}(0; \{84, 28, 21, 6, 2\})$	120
84	$\mathcal{O}(0; \{84, 42, 7, 4, 3\})$	120
84	$\mathcal{O}(0; \{84, 42, 12, 7, 2\})$	120
84	$\mathcal{O}(0; \{84^2, 14, 3^2\})$	360
84	$\mathcal{O}(0; \{84^2, 14, 6, 2\})$	120
88	$\mathcal{O}(0; \{44, 11, 8^2, 2\})$	80
88	$\mathcal{O}(0; \{88^2, 11, 4, 2\})$	720
90	$\mathcal{O}(0; \{18^2, 10, 5, 2\})$	24
90	$\mathcal{O}(0; \{45^2, 6, 5, 2\})$	144
90	$\mathcal{O}(0; \{45^2, 30, 3, 2\})$	288
90	$\mathcal{O}(0; \{90^2, 18, 3, 2\})$	144
94	$\mathcal{O}(2; \emptyset)$	73195200
94	$\mathcal{O}(1; \{2^4\})$	8832
95	$\mathcal{O}(1; \{95^2\})$	649800
96	$\mathcal{O}(1; \{48^2\})$	110592
96	$\mathcal{O}(0; \{96, 32, 3^3\})$	96
96	$\mathcal{O}(0; \{96, 32, 6, 3, 2\})$	32
96	$\mathcal{O}(0; \{96^2, 48, 2^2\})$	256
96	$\mathcal{O}(0; \{96^4\})$	24576
100	$\mathcal{O}(0; \{100, 50, 25, 20\})$	2400
100	$\mathcal{O}(0; \{100^2, 10, 2^2\})$	160
100	$\mathcal{O}(0; \{100^2, 20^2\})$	2560
104	$\mathcal{O}(0; \{104, 52, 26, 8\})$	1056
105	$\mathcal{O}(0; \{35, 21, 15^2\})$	144
105	$\mathcal{O}(0; \{105^2, 21, 7\})$	1488
110	$\mathcal{O}(0; \{22^2, 10^2\})$	40
110	$\mathcal{O}(0; \{110, 11^2, 10\})$	360
114	$\mathcal{O}(0; \{114^2, 3, 2^2\})$	36
114	$\mathcal{O}(0; \{114^2, 6^2\})$	108
120	$\mathcal{O}(0; \{24, 15, 8, 5\})$	32
120	$\mathcal{O}(0; \{40, 24, 6, 5\})$	32
120	$\mathcal{O}(0; \{40, 30, 24, 3\})$	32

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Table 5 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
120	$\mathcal{O}(0; \{120, 24, 20, 3\})$	64
120	$\mathcal{O}(0; \{120, 40, 15, 3\})$	96
120	$\mathcal{O}(0; \{120^2, 6, 4\})$	64
120	$\mathcal{O}(0; \{120^2, 12, 3\})$	192
128	$\mathcal{O}(0; \{128^2, 64, 2\})$	2048
130	$\mathcal{O}(0; \{130^2, 26, 2\})$	528
140	$\mathcal{O}(0; \{140^2, 7, 2\})$	240
141	$\mathcal{O}(1; \{3^2\})$	39744
152	$\mathcal{O}(0; \{152^2, 4, 2\})$	144
188	$\mathcal{O}(1; \{2^2\})$	26496
190	$\mathcal{O}(0; \{190^2, 2^2\})$	72
191	$\mathcal{O}(0; \{191^3\})$	35910
192	$\mathcal{O}(0; \{192^2, 96\})$	1024
195	$\mathcal{O}(0; \{195^2, 39\})$	1056
200	$\mathcal{O}(0; \{200^2, 20\})$	640
209	$\mathcal{O}(0; \{209^2, 11\})$	1620
210	$\mathcal{O}(0; \{70, 42, 15\})$	48
220	$\mathcal{O}(0; \{220, 20, 11\})$	80
228	$\mathcal{O}(0; \{228^2, 6\})$	72
285	$\mathcal{O}(0; \{285^2, 3\})$	144
380	$\mathcal{O}(0; \{380^2, 2\})$	144
382	$\mathcal{O}(0; \{382, 191, 2\})$	190

Table 6: 96-admissible orbifolds.

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
1	$\mathcal{O}(96; \emptyset)$	1
2	$\mathcal{O}(48; \{2^2\})$	79228162514264337593543950336
2	$\mathcal{O}(47; \{2^6\})$	19807040628566084398385987584
2	$\mathcal{O}(46; \{2^{10}\})$	4951760157141521099596496896
2	$\mathcal{O}(45; \{2^{14}\})$	1237940039285380274899124224
2	$\mathcal{O}(44; \{2^{18}\})$	309485009821345068724781056
2	$\mathcal{O}(43; \{2^{22}\})$	77371252455336267181195264
2	$\mathcal{O}(42; \{2^{26}\})$	19342813113834066795298816
2	$\mathcal{O}(41; \{2^{30}\})$	4835703278458516698824704
2	$\mathcal{O}(40; \{2^{34}\})$	1208925819614629174706176
2	$\mathcal{O}(39; \{2^{38}\})$	302231454903657293676544
2	$\mathcal{O}(38; \{2^{42}\})$	75557863725914323419136
2	$\mathcal{O}(37; \{2^{46}\})$	18889465931478580854784
2	$\mathcal{O}(36; \{2^{50}\})$	4722366482869645213696

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
2	$\mathcal{O}(35; \{2^{54}\})$	1180591620717411303424
2	$\mathcal{O}(34; \{2^{58}\})$	295147905179352825856
2	$\mathcal{O}(33; \{2^{62}\})$	73786976294838206464
2	$\mathcal{O}(32; \{2^{66}\})$	18446744073709551616
2	$\mathcal{O}(31; \{2^{70}\})$	4611686018427387904
2	$\mathcal{O}(30; \{2^{74}\})$	1152921504606846976
2	$\mathcal{O}(29; \{2^{78}\})$	288230376151711744
2	$\mathcal{O}(28; \{2^{82}\})$	72057594037927936
2	$\mathcal{O}(27; \{2^{86}\})$	18014398509481984
2	$\mathcal{O}(26; \{2^{90}\})$	4503599627370496
2	$\mathcal{O}(25; \{2^{94}\})$	112589906842624
2	$\mathcal{O}(24; \{2^{98}\})$	281474976710656
2	$\mathcal{O}(23; \{2^{102}\})$	70368744177664
2	$\mathcal{O}(22; \{2^{106}\})$	17592186044416
2	$\mathcal{O}(21; \{2^{110}\})$	4398046511104
2	$\mathcal{O}(20; \{2^{114}\})$	1099511627776
2	$\mathcal{O}(19; \{2^{118}\})$	274877906944
2	$\mathcal{O}(18; \{2^{122}\})$	68719476736
2	$\mathcal{O}(17; \{2^{126}\})$	17179869184
2	$\mathcal{O}(16; \{2^{130}\})$	4294967296
2	$\mathcal{O}(15; \{2^{134}\})$	1073741824
2	$\mathcal{O}(14; \{2^{138}\})$	268435456
2	$\mathcal{O}(13; \{2^{142}\})$	67108864
2	$\mathcal{O}(12; \{2^{146}\})$	16777216
2	$\mathcal{O}(11; \{2^{150}\})$	4194304
2	$\mathcal{O}(10; \{2^{154}\})$	1048576
2	$\mathcal{O}(9; \{2^{158}\})$	262144
2	$\mathcal{O}(8; \{2^{162}\})$	65536
2	$\mathcal{O}(7; \{2^{166}\})$	16384
2	$\mathcal{O}(6; \{2^{170}\})$	4096
2	$\mathcal{O}(5; \{2^{174}\})$	1024
2	$\mathcal{O}(4; \{2^{178}\})$	256
2	$\mathcal{O}(3; \{2^{182}\})$	64
2	$\mathcal{O}(2; \{2^{186}\})$	16
2	$\mathcal{O}(1; \{2^{190}\})$	4
2	$\mathcal{O}(0; \{2^{194}\})$	1
3	$\mathcal{O}(32; \{3^2\})$	6867367640585024969315698178562
3	$\mathcal{O}(31; \{3^5\})$	3815204244769458316286498988090
3	$\mathcal{O}(30; \{3^8\})$	3645639611668593502229321255286
3	$\mathcal{O}(29; \{3^{11}\})$	3212307771521938977416533715898
3	$\mathcal{O}(28; \{3^{14}\})$	2858524771595443254260199927702
3	$\mathcal{O}(27; \{3^{17}\})$	2540562009662820207873146483610
3	$\mathcal{O}(26; \{3^{20}\})$	2258316108413842211482590467766

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
3	$\mathcal{O}(25; \{3^{23}\})$	2007387788979933592424547794298
3	$\mathcal{O}(24; \{3^{26}\})$	1784345179914154987834657219542
3	$\mathcal{O}(23; \{3^{29}\})$	1586084551190509049049133175130
3	$\mathcal{O}(22; \{3^{32}\})$	1409852940300189012256452441846
3	$\mathcal{O}(21; \{3^{35}\})$	1253202612943654076105550237498
3	$\mathcal{O}(20; \{3^{38}\})$	1113957878245082949292608450582
3	$\mathcal{O}(19; \{3^{41}\})$	990184780654190844620725114650
3	$\mathcal{O}(18; \{3^{44}\})$	880164249471292429696870985526
3	$\mathcal{O}(17; \{3^{47}\})$	782368221752159874418131765498
3	$\mathcal{O}(16; \{3^{50}\})$	695438419335264339826139124822
3	$\mathcal{O}(15; \{3^{53}\})$	618167483853567066720886654170
3	$\mathcal{O}(14; \{3^{56}\})$	549482207869837529901542866806
3	$\mathcal{O}(13; \{3^{59}\})$	488428629217633344661287578298
3	$\mathcal{O}(12; \{3^{62}\})$	434158781526785196949055066262
3	$\mathcal{O}(11; \{3^{65}\})$	385918916912697952655318145690
3	$\mathcal{O}(10; \{3^{68}\})$	343039037255731513492314613686
3	$\mathcal{O}(9; \{3^{71}\})$	304923588671761345324177355898
3	$\mathcal{O}(8; \{3^{74}\})$	271043189930454529177304818902
3	$\mathcal{O}(7; \{3^{77}\})$	240927279938181803713131141210
3	$\mathcal{O}(6; \{3^{80}\})$	214157582167272714411675314166
3	$\mathcal{O}(5; \{3^{83}\})$	190362295259797968365933258298
3	$\mathcal{O}(4; \{3^{86}\})$	169210929119820416325274046742
3	$\mathcal{O}(3; \{3^{89}\})$	150409714773173703400243592730
3	$\mathcal{O}(2; \{3^{92}\})$	133697524242821069689105416246
3	$\mathcal{O}(1; \{3^{95}\})$	118842243771396506390315925498
3	$\mathcal{O}(0; \{3^{98}\})$	105637550019019116791391933782
4	$\mathcal{O}(24; \{4^2\})$	158456325028528675187087900672
4	$\mathcal{O}(23; \{4^2, 2^4\})$	9903520314283042199192993792
4	$\mathcal{O}(23; \{4^4, 2\})$	39614081257132168796771975168
4	$\mathcal{O}(22; \{4^2, 2^8\})$	618970019642690137449562112
4	$\mathcal{O}(22; \{4^4, 2^5\})$	2475880078570760549798248448
4	$\mathcal{O}(22; \{4^6, 2^2\})$	9903520314283042199192993792
4	$\mathcal{O}(21; \{4^2, 2^{12}\})$	38685626227668133590597632
4	$\mathcal{O}(21; \{4^4, 2^9\})$	154742504910672534362390528
4	$\mathcal{O}(21; \{4^6, 2^6\})$	618970019642690137449562112
4	$\mathcal{O}(21; \{4^8, 2^3\})$	2475880078570760549798248448
4	$\mathcal{O}(21; \{4^{10}\})$	9903520314283042199192993792
4	$\mathcal{O}(20; \{4^2, 2^{16}\})$	2417851639229258349412352
4	$\mathcal{O}(20; \{4^4, 2^{13}\})$	9671406556917033397649408
4	$\mathcal{O}(20; \{4^6, 2^{10}\})$	38685626227668133590597632
4	$\mathcal{O}(20; \{4^8, 2^7\})$	154742504910672534362390528
4	$\mathcal{O}(20; \{4^{10}, 2^4\})$	618970019642690137449562112
4	$\mathcal{O}(20; \{4^{12}, 2\})$	2475880078570760549798248448

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(19; \{4^2, 2^{20}\})$	151115727451828646838272
4	$\mathcal{O}(19; \{4^4, 2^{17}\})$	604462909807314587353088
4	$\mathcal{O}(19; \{4^6, 2^{14}\})$	2417851639229258349412352
4	$\mathcal{O}(19; \{4^8, 2^{11}\})$	9671406556917033397649408
4	$\mathcal{O}(19; \{4^{10}, 2^8\})$	38685626227668133590597632
4	$\mathcal{O}(19; \{4^{12}, 2^5\})$	154742504910672534362390528
4	$\mathcal{O}(19; \{4^{14}, 2^2\})$	618970019642690137449562112
4	$\mathcal{O}(18; \{4^2, 2^{24}\})$	9444732965739290427392
4	$\mathcal{O}(18; \{4^4, 2^{21}\})$	37778931862957161709568
4	$\mathcal{O}(18; \{4^6, 2^{18}\})$	151115727451828646838272
4	$\mathcal{O}(18; \{4^8, 2^{15}\})$	604462909807314587353088
4	$\mathcal{O}(18; \{4^{10}, 2^{12}\})$	2417851639229258349412352
4	$\mathcal{O}(18; \{4^{12}, 2^9\})$	9671406556917033397649408
4	$\mathcal{O}(18; \{4^{14}, 2^6\})$	38685626227668133590597632
4	$\mathcal{O}(18; \{4^{16}, 2^3\})$	154742504910672534362390528
4	$\mathcal{O}(18; \{4^{18}\})$	618970019642690137449562112
4	$\mathcal{O}(17; \{4^2, 2^{28}\})$	590295810358705651712
4	$\mathcal{O}(17; \{4^4, 2^{25}\})$	2361183241434822606848
4	$\mathcal{O}(17; \{4^6, 2^{22}\})$	9444732965739290427392
4	$\mathcal{O}(17; \{4^8, 2^{19}\})$	37778931862957161709568
4	$\mathcal{O}(17; \{4^{10}, 2^{16}\})$	151115727451828646838272
4	$\mathcal{O}(17; \{4^{12}, 2^{13}\})$	604462909807314587353088
4	$\mathcal{O}(17; \{4^{14}, 2^{10}\})$	2417851639229258349412352
4	$\mathcal{O}(17; \{4^{16}, 2^7\})$	9671406556917033397649408
4	$\mathcal{O}(17; \{4^{18}, 2^4\})$	38685626227668133590597632
4	$\mathcal{O}(17; \{4^{20}, 2\})$	154742504910672534362390528
4	$\mathcal{O}(16; \{4^2, 2^{32}\})$	36893488147419103232
4	$\mathcal{O}(16; \{4^4, 2^{29}\})$	147573952589676412928
4	$\mathcal{O}(16; \{4^6, 2^{26}\})$	590295810358705651712
4	$\mathcal{O}(16; \{4^8, 2^{23}\})$	2361183241434822606848
4	$\mathcal{O}(16; \{4^{10}, 2^{20}\})$	9444732965739290427392
4	$\mathcal{O}(16; \{4^{12}, 2^{17}\})$	37778931862957161709568
4	$\mathcal{O}(16; \{4^{14}, 2^{14}\})$	151115727451828646838272
4	$\mathcal{O}(16; \{4^{16}, 2^{11}\})$	604462909807314587353088
4	$\mathcal{O}(16; \{4^{18}, 2^8\})$	2417851639229258349412352
4	$\mathcal{O}(16; \{4^{20}, 2^5\})$	9671406556917033397649408
4	$\mathcal{O}(16; \{4^{22}, 2^2\})$	38685626227668133590597632
4	$\mathcal{O}(15; \{4^2, 2^{36}\})$	2305843009213693952
4	$\mathcal{O}(15; \{4^4, 2^{33}\})$	9223372036854775808
4	$\mathcal{O}(15; \{4^6, 2^{30}\})$	36893488147419103232
4	$\mathcal{O}(15; \{4^8, 2^{27}\})$	147573952589676412928
4	$\mathcal{O}(15; \{4^{10}, 2^{24}\})$	590295810358705651712
4	$\mathcal{O}(15; \{4^{12}, 2^{21}\})$	2361183241434822606848

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(15; \{4^{14}, 2^{18}\})$	9444732965739290427392
4	$\mathcal{O}(15; \{4^{16}, 2^{15}\})$	37778931862957161709568
4	$\mathcal{O}(15; \{4^{18}, 2^{12}\})$	151115727451828646838272
4	$\mathcal{O}(15; \{4^{20}, 2^9\})$	604462909807314587353088
4	$\mathcal{O}(15; \{4^{22}, 2^6\})$	2417851639229258349412352
4	$\mathcal{O}(15; \{4^{24}, 2^3\})$	9671406556917033397649408
4	$\mathcal{O}(15; \{4^{26}\})$	38685626227668133590597632
4	$\mathcal{O}(14; \{4^2, 2^{40}\})$	144115188075855872
4	$\mathcal{O}(14; \{4^4, 2^{37}\})$	576460752303423488
4	$\mathcal{O}(14; \{4^6, 2^{34}\})$	2305843009213693952
4	$\mathcal{O}(14; \{4^8, 2^{31}\})$	9223372036854775808
4	$\mathcal{O}(14; \{4^{10}, 2^{28}\})$	36893488147419103232
4	$\mathcal{O}(14; \{4^{12}, 2^{25}\})$	147573952589676412928
4	$\mathcal{O}(14; \{4^{14}, 2^{22}\})$	590295810358705651712
4	$\mathcal{O}(14; \{4^{16}, 2^{19}\})$	2361183241434822606848
4	$\mathcal{O}(14; \{4^{18}, 2^{16}\})$	9444732965739290427392
4	$\mathcal{O}(14; \{4^{20}, 2^{13}\})$	37778931862957161709568
4	$\mathcal{O}(14; \{4^{22}, 2^{10}\})$	151115727451828646838272
4	$\mathcal{O}(14; \{4^{24}, 2^7\})$	604462909807314587353088
4	$\mathcal{O}(14; \{4^{26}, 2^4\})$	2417851639229258349412352
4	$\mathcal{O}(14; \{4^{28}, 2\})$	9671406556917033397649408
4	$\mathcal{O}(13; \{4^2, 2^{44}\})$	9007199254740992
4	$\mathcal{O}(13; \{4^4, 2^{41}\})$	36028797018963968
4	$\mathcal{O}(13; \{4^6, 2^{38}\})$	144115188075855872
4	$\mathcal{O}(13; \{4^8, 2^{35}\})$	576460752303423488
4	$\mathcal{O}(13; \{4^{10}, 2^{32}\})$	2305843009213693952
4	$\mathcal{O}(13; \{4^{12}, 2^{29}\})$	9223372036854775808
4	$\mathcal{O}(13; \{4^{14}, 2^{26}\})$	36893488147419103232
4	$\mathcal{O}(13; \{4^{16}, 2^{23}\})$	147573952589676412928
4	$\mathcal{O}(13; \{4^{18}, 2^{20}\})$	590295810358705651712
4	$\mathcal{O}(13; \{4^{20}, 2^{17}\})$	2361183241434822606848
4	$\mathcal{O}(13; \{4^{22}, 2^{14}\})$	9444732965739290427392
4	$\mathcal{O}(13; \{4^{24}, 2^{11}\})$	37778931862957161709568
4	$\mathcal{O}(13; \{4^{26}, 2^8\})$	151115727451828646838272
4	$\mathcal{O}(13; \{4^{28}, 2^5\})$	604462909807314587353088
4	$\mathcal{O}(13; \{4^{30}, 2^2\})$	2417851639229258349412352
4	$\mathcal{O}(12; \{4^2, 2^{48}\})$	562949953421312
4	$\mathcal{O}(12; \{4^4, 2^{45}\})$	2251799813685248
4	$\mathcal{O}(12; \{4^6, 2^{42}\})$	9007199254740992
4	$\mathcal{O}(12; \{4^8, 2^{39}\})$	36028797018963968
4	$\mathcal{O}(12; \{4^{10}, 2^{36}\})$	144115188075855872
4	$\mathcal{O}(12; \{4^{12}, 2^{33}\})$	576460752303423488
4	$\mathcal{O}(12; \{4^{14}, 2^{30}\})$	2305843009213693952

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(12; \{4^{16}, 2^{27}\})$	9223372036854775808
4	$\mathcal{O}(12; \{4^{18}, 2^{24}\})$	36893488147419103232
4	$\mathcal{O}(12; \{4^{20}, 2^{21}\})$	147573952589676412928
4	$\mathcal{O}(12; \{4^{22}, 2^{18}\})$	590295810358705651712
4	$\mathcal{O}(12; \{4^{24}, 2^{15}\})$	2361183241434822606848
4	$\mathcal{O}(12; \{4^{26}, 2^{12}\})$	9444732965739290427392
4	$\mathcal{O}(12; \{4^{28}, 2^9\})$	37778931862957161709568
4	$\mathcal{O}(12; \{4^{30}, 2^6\})$	151115727451828646838272
4	$\mathcal{O}(12; \{4^{32}, 2^3\})$	604462909807314587353088
4	$\mathcal{O}(12; \{4^{34}\})$	2417851639229258349412352
4	$\mathcal{O}(11; \{4^2, 2^{52}\})$	35184372088832
4	$\mathcal{O}(11; \{4^4, 2^{49}\})$	140737488355328
4	$\mathcal{O}(11; \{4^6, 2^{46}\})$	562949953421312
4	$\mathcal{O}(11; \{4^8, 2^{43}\})$	2251799813685248
4	$\mathcal{O}(11; \{4^{10}, 2^{40}\})$	9007199254740992
4	$\mathcal{O}(11; \{4^{12}, 2^{37}\})$	36028797018963968
4	$\mathcal{O}(11; \{4^{14}, 2^{34}\})$	144115188075855872
4	$\mathcal{O}(11; \{4^{16}, 2^{31}\})$	576460752303423488
4	$\mathcal{O}(11; \{4^{18}, 2^{28}\})$	2305843009213693952
4	$\mathcal{O}(11; \{4^{20}, 2^{25}\})$	9223372036854775808
4	$\mathcal{O}(11; \{4^{22}, 2^{22}\})$	36893488147419103232
4	$\mathcal{O}(11; \{4^{24}, 2^{19}\})$	147573952589676412928
4	$\mathcal{O}(11; \{4^{26}, 2^{16}\})$	590295810358705651712
4	$\mathcal{O}(11; \{4^{28}, 2^{13}\})$	2361183241434822606848
4	$\mathcal{O}(11; \{4^{30}, 2^{10}\})$	9444732965739290427392
4	$\mathcal{O}(11; \{4^{32}, 2^7\})$	37778931862957161709568
4	$\mathcal{O}(11; \{4^{34}, 2^4\})$	151115727451828646838272
4	$\mathcal{O}(11; \{4^{36}, 2\})$	604462909807314587353088
4	$\mathcal{O}(10; \{4^2, 2^{56}\})$	2199023255552
4	$\mathcal{O}(10; \{4^4, 2^{53}\})$	8796093022208
4	$\mathcal{O}(10; \{4^6, 2^{50}\})$	35184372088832
4	$\mathcal{O}(10; \{4^8, 2^{47}\})$	140737488355328
4	$\mathcal{O}(10; \{4^{10}, 2^{44}\})$	562949953421312
4	$\mathcal{O}(10; \{4^{12}, 2^{41}\})$	2251799813685248
4	$\mathcal{O}(10; \{4^{14}, 2^{38}\})$	9007199254740992
4	$\mathcal{O}(10; \{4^{16}, 2^{35}\})$	36028797018963968
4	$\mathcal{O}(10; \{4^{18}, 2^{32}\})$	144115188075855872
4	$\mathcal{O}(10; \{4^{20}, 2^{29}\})$	576460752303423488
4	$\mathcal{O}(10; \{4^{22}, 2^{26}\})$	2305843009213693952
4	$\mathcal{O}(10; \{4^{24}, 2^{23}\})$	9223372036854775808
4	$\mathcal{O}(10; \{4^{26}, 2^{20}\})$	36893488147419103232
4	$\mathcal{O}(10; \{4^{28}, 2^{17}\})$	147573952589676412928
4	$\mathcal{O}(10; \{4^{30}, 2^{14}\})$	590295810358705651712

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(10; \{4^{32}, 2^{11}\})$	2361183241434822606848
4	$\mathcal{O}(10; \{4^{34}, 2^8\})$	9444732965739290427392
4	$\mathcal{O}(10; \{4^{36}, 2^5\})$	37778931862957161709568
4	$\mathcal{O}(10; \{4^{38}, 2^2\})$	151115727451828646838272
4	$\mathcal{O}(9; \{4^2, 2^{60}\})$	137438953472
4	$\mathcal{O}(9; \{4^4, 2^{57}\})$	549755813888
4	$\mathcal{O}(9; \{4^6, 2^{54}\})$	2199023255552
4	$\mathcal{O}(9; \{4^8, 2^{51}\})$	8796093022208
4	$\mathcal{O}(9; \{4^{10}, 2^{48}\})$	35184372088832
4	$\mathcal{O}(9; \{4^{12}, 2^{45}\})$	140737488355328
4	$\mathcal{O}(9; \{4^{14}, 2^{42}\})$	562949953421312
4	$\mathcal{O}(9; \{4^{16}, 2^{39}\})$	2251799813685248
4	$\mathcal{O}(9; \{4^{18}, 2^{36}\})$	9007199254740992
4	$\mathcal{O}(9; \{4^{20}, 2^{33}\})$	36028797018963968
4	$\mathcal{O}(9; \{4^{22}, 2^{30}\})$	144115188075855872
4	$\mathcal{O}(9; \{4^{24}, 2^{27}\})$	576460752303423488
4	$\mathcal{O}(9; \{4^{26}, 2^{24}\})$	2305843009213693952
4	$\mathcal{O}(9; \{4^{28}, 2^{21}\})$	9223372036854775808
4	$\mathcal{O}(9; \{4^{30}, 2^{18}\})$	36893488147419103232
4	$\mathcal{O}(9; \{4^{32}, 2^{15}\})$	147573952589676412928
4	$\mathcal{O}(9; \{4^{34}, 2^{12}\})$	590295810358705651712
4	$\mathcal{O}(9; \{4^{36}, 2^9\})$	2361183241434822606848
4	$\mathcal{O}(9; \{4^{38}, 2^6\})$	9444732965739290427392
4	$\mathcal{O}(9; \{4^{40}, 2^3\})$	37778931862957161709568
4	$\mathcal{O}(9; \{4^{42}\})$	151115727451828646838272
4	$\mathcal{O}(8; \{4^2, 2^{64}\})$	8589934592
4	$\mathcal{O}(8; \{4^4, 2^{61}\})$	34359738368
4	$\mathcal{O}(8; \{4^6, 2^{58}\})$	137438953472
4	$\mathcal{O}(8; \{4^8, 2^{55}\})$	549755813888
4	$\mathcal{O}(8; \{4^{10}, 2^{52}\})$	2199023255552
4	$\mathcal{O}(8; \{4^{12}, 2^{49}\})$	8796093022208
4	$\mathcal{O}(8; \{4^{14}, 2^{46}\})$	35184372088832
4	$\mathcal{O}(8; \{4^{16}, 2^{43}\})$	140737488355328
4	$\mathcal{O}(8; \{4^{18}, 2^{40}\})$	562949953421312
4	$\mathcal{O}(8; \{4^{20}, 2^{37}\})$	2251799813685248
4	$\mathcal{O}(8; \{4^{22}, 2^{34}\})$	9007199254740992
4	$\mathcal{O}(8; \{4^{24}, 2^{31}\})$	36028797018963968
4	$\mathcal{O}(8; \{4^{26}, 2^{28}\})$	144115188075855872
4	$\mathcal{O}(8; \{4^{28}, 2^{25}\})$	576460752303423488
4	$\mathcal{O}(8; \{4^{30}, 2^{22}\})$	2305843009213693952
4	$\mathcal{O}(8; \{4^{32}, 2^{19}\})$	9223372036854775808
4	$\mathcal{O}(8; \{4^{34}, 2^{16}\})$	36893488147419103232
4	$\mathcal{O}(8; \{4^{36}, 2^{13}\})$	147573952589676412928

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(8; \{4^{38}, 2^{10}\})$	590295810358705651712
4	$\mathcal{O}(8; \{4^{40}, 2^7\})$	2361183241434822606848
4	$\mathcal{O}(8; \{4^{42}, 2^4\})$	9444732965739290427392
4	$\mathcal{O}(8; \{4^{44}, 2\})$	37778931862957161709568
4	$\mathcal{O}(7; \{4^2, 2^{68}\})$	536870912
4	$\mathcal{O}(7; \{4^4, 2^{65}\})$	2147483648
4	$\mathcal{O}(7; \{4^6, 2^{62}\})$	8589934592
4	$\mathcal{O}(7; \{4^8, 2^{59}\})$	34359738368
4	$\mathcal{O}(7; \{4^{10}, 2^{56}\})$	137438953472
4	$\mathcal{O}(7; \{4^{12}, 2^{53}\})$	549755813888
4	$\mathcal{O}(7; \{4^{14}, 2^{50}\})$	2199023255552
4	$\mathcal{O}(7; \{4^{16}, 2^{47}\})$	8796093022208
4	$\mathcal{O}(7; \{4^{18}, 2^{44}\})$	35184372088832
4	$\mathcal{O}(7; \{4^{20}, 2^{41}\})$	140737488355328
4	$\mathcal{O}(7; \{4^{22}, 2^{38}\})$	562949953421312
4	$\mathcal{O}(7; \{4^{24}, 2^{35}\})$	2251799813685248
4	$\mathcal{O}(7; \{4^{26}, 2^{32}\})$	9007199254740992
4	$\mathcal{O}(7; \{4^{28}, 2^{29}\})$	36028797018963968
4	$\mathcal{O}(7; \{4^{30}, 2^{26}\})$	144115188075855872
4	$\mathcal{O}(7; \{4^{32}, 2^{23}\})$	576460752303423488
4	$\mathcal{O}(7; \{4^{34}, 2^{20}\})$	2305843009213693952
4	$\mathcal{O}(7; \{4^{36}, 2^{17}\})$	9223372036854775808
4	$\mathcal{O}(7; \{4^{38}, 2^{14}\})$	36893488147419103232
4	$\mathcal{O}(7; \{4^{40}, 2^{11}\})$	147573952589676412928
4	$\mathcal{O}(7; \{4^{42}, 2^8\})$	590295810358705651712
4	$\mathcal{O}(7; \{4^{44}, 2^5\})$	2361183241434822606848
4	$\mathcal{O}(7; \{4^{46}, 2^2\})$	9444732965739290427392
4	$\mathcal{O}(6; \{4^2, 2^{72}\})$	33554432
4	$\mathcal{O}(6; \{4^4, 2^{69}\})$	134217728
4	$\mathcal{O}(6; \{4^6, 2^{66}\})$	536870912
4	$\mathcal{O}(6; \{4^8, 2^{63}\})$	2147483648
4	$\mathcal{O}(6; \{4^{10}, 2^{60}\})$	8589934592
4	$\mathcal{O}(6; \{4^{12}, 2^{57}\})$	34359738368
4	$\mathcal{O}(6; \{4^{14}, 2^{54}\})$	137438953472
4	$\mathcal{O}(6; \{4^{16}, 2^{51}\})$	549755813888
4	$\mathcal{O}(6; \{4^{18}, 2^{48}\})$	2199023255552
4	$\mathcal{O}(6; \{4^{20}, 2^{45}\})$	8796093022208
4	$\mathcal{O}(6; \{4^{22}, 2^{42}\})$	35184372088832
4	$\mathcal{O}(6; \{4^{24}, 2^{39}\})$	140737488355328
4	$\mathcal{O}(6; \{4^{26}, 2^{36}\})$	562949953421312
4	$\mathcal{O}(6; \{4^{28}, 2^{33}\})$	2251799813685248
4	$\mathcal{O}(6; \{4^{30}, 2^{30}\})$	9007199254740992
4	$\mathcal{O}(6; \{4^{32}, 2^{27}\})$	36028797018963968

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(6; \{4^{34}, 2^{24}\})$	144115188075855872
4	$\mathcal{O}(6; \{4^{36}, 2^{21}\})$	576460752303423488
4	$\mathcal{O}(6; \{4^{38}, 2^{18}\})$	2305843009213693952
4	$\mathcal{O}(6; \{4^{40}, 2^{15}\})$	9223372036854775808
4	$\mathcal{O}(6; \{4^{42}, 2^{12}\})$	36893488147419103232
4	$\mathcal{O}(6; \{4^{44}, 2^9\})$	147573952589676412928
4	$\mathcal{O}(6; \{4^{46}, 2^6\})$	590295810358705651712
4	$\mathcal{O}(6; \{4^{48}, 2^3\})$	2361183241434822606848
4	$\mathcal{O}(6; \{4^{50}\})$	9444732965739290427392
4	$\mathcal{O}(5; \{4^2, 2^{76}\})$	2097152
4	$\mathcal{O}(5; \{4^4, 2^{73}\})$	8388608
4	$\mathcal{O}(5; \{4^6, 2^{70}\})$	33554432
4	$\mathcal{O}(5; \{4^8, 2^{67}\})$	134217728
4	$\mathcal{O}(5; \{4^{10}, 2^{64}\})$	536870912
4	$\mathcal{O}(5; \{4^{12}, 2^{61}\})$	2147483648
4	$\mathcal{O}(5; \{4^{14}, 2^{58}\})$	8589934592
4	$\mathcal{O}(5; \{4^{16}, 2^{55}\})$	34359738368
4	$\mathcal{O}(5; \{4^{18}, 2^{52}\})$	137438953472
4	$\mathcal{O}(5; \{4^{20}, 2^{49}\})$	549755813888
4	$\mathcal{O}(5; \{4^{22}, 2^{46}\})$	219023255552
4	$\mathcal{O}(5; \{4^{24}, 2^{43}\})$	8796093022208
4	$\mathcal{O}(5; \{4^{26}, 2^{40}\})$	35184372088832
4	$\mathcal{O}(5; \{4^{28}, 2^{37}\})$	140737488355328
4	$\mathcal{O}(5; \{4^{30}, 2^{34}\})$	562949953421312
4	$\mathcal{O}(5; \{4^{32}, 2^{31}\})$	2251799813685248
4	$\mathcal{O}(5; \{4^{34}, 2^{28}\})$	9007199254740992
4	$\mathcal{O}(5; \{4^{36}, 2^{25}\})$	36028797018963968
4	$\mathcal{O}(5; \{4^{38}, 2^{22}\})$	144115188075855872
4	$\mathcal{O}(5; \{4^{40}, 2^{19}\})$	576460752303423488
4	$\mathcal{O}(5; \{4^{42}, 2^{16}\})$	2305843009213693952
4	$\mathcal{O}(5; \{4^{44}, 2^{13}\})$	9223372036854775808
4	$\mathcal{O}(5; \{4^{46}, 2^{10}\})$	36893488147419103232
4	$\mathcal{O}(5; \{4^{48}, 2^7\})$	147573952589676412928
4	$\mathcal{O}(5; \{4^{50}, 2^4\})$	590295810358705651712
4	$\mathcal{O}(5; \{4^{52}, 2\})$	2361183241434822606848
4	$\mathcal{O}(4; \{4^2, 2^{80}\})$	131072
4	$\mathcal{O}(4; \{4^4, 2^{77}\})$	524288
4	$\mathcal{O}(4; \{4^6, 2^{74}\})$	2097152
4	$\mathcal{O}(4; \{4^8, 2^{71}\})$	8388608
4	$\mathcal{O}(4; \{4^{10}, 2^{68}\})$	33554432
4	$\mathcal{O}(4; \{4^{12}, 2^{65}\})$	134217728
4	$\mathcal{O}(4; \{4^{14}, 2^{62}\})$	536870912
4	$\mathcal{O}(4; \{4^{16}, 2^{59}\})$	2147483648

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(4; \{4^{18}, 2^{56}\})$	8589934592
4	$\mathcal{O}(4; \{4^{20}, 2^{53}\})$	34359738368
4	$\mathcal{O}(4; \{4^{22}, 2^{50}\})$	137438953472
4	$\mathcal{O}(4; \{4^{24}, 2^{47}\})$	549755813888
4	$\mathcal{O}(4; \{4^{26}, 2^{44}\})$	2199023255552
4	$\mathcal{O}(4; \{4^{28}, 2^{41}\})$	8796093022208
4	$\mathcal{O}(4; \{4^{30}, 2^{38}\})$	35184372088832
4	$\mathcal{O}(4; \{4^{32}, 2^{35}\})$	140737488355328
4	$\mathcal{O}(4; \{4^{34}, 2^{32}\})$	562949953421312
4	$\mathcal{O}(4; \{4^{36}, 2^{29}\})$	2251799813685248
4	$\mathcal{O}(4; \{4^{38}, 2^{26}\})$	9007199254740992
4	$\mathcal{O}(4; \{4^{40}, 2^{23}\})$	36028797018963968
4	$\mathcal{O}(4; \{4^{42}, 2^{20}\})$	144115188075855872
4	$\mathcal{O}(4; \{4^{44}, 2^{17}\})$	576460752303423488
4	$\mathcal{O}(4; \{4^{46}, 2^{14}\})$	2305843009213693952
4	$\mathcal{O}(4; \{4^{48}, 2^{11}\})$	9223372036854775808
4	$\mathcal{O}(4; \{4^{50}, 2^8\})$	36893488147419103232
4	$\mathcal{O}(4; \{4^{52}, 2^5\})$	147573952589676412928
4	$\mathcal{O}(4; \{4^{54}, 2^2\})$	590295810358705651712
4	$\mathcal{O}(3; \{4^2, 2^{84}\})$	8192
4	$\mathcal{O}(3; \{4^4, 2^{81}\})$	32768
4	$\mathcal{O}(3; \{4^6, 2^{78}\})$	131072
4	$\mathcal{O}(3; \{4^8, 2^{75}\})$	524288
4	$\mathcal{O}(3; \{4^{10}, 2^{72}\})$	2097152
4	$\mathcal{O}(3; \{4^{12}, 2^{69}\})$	8388608
4	$\mathcal{O}(3; \{4^{14}, 2^{66}\})$	33554432
4	$\mathcal{O}(3; \{4^{16}, 2^{63}\})$	134217728
4	$\mathcal{O}(3; \{4^{18}, 2^{60}\})$	536870912
4	$\mathcal{O}(3; \{4^{20}, 2^{57}\})$	2147483648
4	$\mathcal{O}(3; \{4^{22}, 2^{54}\})$	8589934592
4	$\mathcal{O}(3; \{4^{24}, 2^{51}\})$	34359738368
4	$\mathcal{O}(3; \{4^{26}, 2^{48}\})$	137438953472
4	$\mathcal{O}(3; \{4^{28}, 2^{45}\})$	549755813888
4	$\mathcal{O}(3; \{4^{30}, 2^{42}\})$	2199023255552
4	$\mathcal{O}(3; \{4^{32}, 2^{39}\})$	8796093022208
4	$\mathcal{O}(3; \{4^{34}, 2^{36}\})$	35184372088832
4	$\mathcal{O}(3; \{4^{36}, 2^{33}\})$	140737488355328
4	$\mathcal{O}(3; \{4^{38}, 2^{30}\})$	562949953421312
4	$\mathcal{O}(3; \{4^{40}, 2^{27}\})$	2251799813685248
4	$\mathcal{O}(3; \{4^{42}, 2^{24}\})$	9007199254740992
4	$\mathcal{O}(3; \{4^{44}, 2^{21}\})$	36028797018963968
4	$\mathcal{O}(3; \{4^{46}, 2^{18}\})$	144115188075855872
4	$\mathcal{O}(3; \{4^{48}, 2^{15}\})$	576460752303423488

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(3; \{4^{50}, 2^{12}\})$	2305843009213693952
4	$\mathcal{O}(3; \{4^{52}, 2^9\})$	9223372036854775808
4	$\mathcal{O}(3; \{4^{54}, 2^6\})$	36893488147419103232
4	$\mathcal{O}(3; \{4^{56}, 2^3\})$	147573952589676412928
4	$\mathcal{O}(3; \{4^{58}\})$	590295810358705651712
4	$\mathcal{O}(2; \{4^2, 2^{88}\})$	512
4	$\mathcal{O}(2; \{4^4, 2^{85}\})$	2048
4	$\mathcal{O}(2; \{4^6, 2^{82}\})$	8192
4	$\mathcal{O}(2; \{4^8, 2^{79}\})$	32768
4	$\mathcal{O}(2; \{4^{10}, 2^{76}\})$	131072
4	$\mathcal{O}(2; \{4^{12}, 2^{73}\})$	524288
4	$\mathcal{O}(2; \{4^{14}, 2^{70}\})$	2097152
4	$\mathcal{O}(2; \{4^{16}, 2^{67}\})$	8388608
4	$\mathcal{O}(2; \{4^{18}, 2^{64}\})$	33554432
4	$\mathcal{O}(2; \{4^{20}, 2^{61}\})$	134217728
4	$\mathcal{O}(2; \{4^{22}, 2^{58}\})$	536870912
4	$\mathcal{O}(2; \{4^{24}, 2^{55}\})$	2147483648
4	$\mathcal{O}(2; \{4^{26}, 2^{52}\})$	8589934592
4	$\mathcal{O}(2; \{4^{28}, 2^{49}\})$	34359738368
4	$\mathcal{O}(2; \{4^{30}, 2^{46}\})$	137438953472
4	$\mathcal{O}(2; \{4^{32}, 2^{43}\})$	549755813888
4	$\mathcal{O}(2; \{4^{34}, 2^{40}\})$	2199023255552
4	$\mathcal{O}(2; \{4^{36}, 2^{37}\})$	8796093022208
4	$\mathcal{O}(2; \{4^{38}, 2^{34}\})$	35184372088832
4	$\mathcal{O}(2; \{4^{40}, 2^{31}\})$	140737488355328
4	$\mathcal{O}(2; \{4^{42}, 2^{28}\})$	562949953421312
4	$\mathcal{O}(2; \{4^{44}, 2^{25}\})$	2251799813685248
4	$\mathcal{O}(2; \{4^{46}, 2^{22}\})$	9007199254740992
4	$\mathcal{O}(2; \{4^{48}, 2^{19}\})$	36028797018963968
4	$\mathcal{O}(2; \{4^{50}, 2^{16}\})$	144115188075855872
4	$\mathcal{O}(2; \{4^{52}, 2^{13}\})$	576460752303423488
4	$\mathcal{O}(2; \{4^{54}, 2^{10}\})$	2305843009213693952
4	$\mathcal{O}(2; \{4^{56}, 2^7\})$	9223372036854775808
4	$\mathcal{O}(2; \{4^{58}, 2^4\})$	36893488147419103232
4	$\mathcal{O}(2; \{4^{60}, 2\})$	147573952589676412928
4	$\mathcal{O}(1; \{4^2, 2^{92}\})$	32
4	$\mathcal{O}(1; \{4^4, 2^{89}\})$	128
4	$\mathcal{O}(1; \{4^6, 2^{86}\})$	512
4	$\mathcal{O}(1; \{4^8, 2^{83}\})$	2048
4	$\mathcal{O}(1; \{4^{10}, 2^{80}\})$	8192
4	$\mathcal{O}(1; \{4^{12}, 2^{77}\})$	32768
4	$\mathcal{O}(1; \{4^{14}, 2^{74}\})$	131072
4	$\mathcal{O}(1; \{4^{16}, 2^{71}\})$	524288

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(1; \{4^{18}, 2^{68}\})$	2097152
4	$\mathcal{O}(1; \{4^{20}, 2^{65}\})$	8388608
4	$\mathcal{O}(1; \{4^{22}, 2^{62}\})$	33554432
4	$\mathcal{O}(1; \{4^{24}, 2^{59}\})$	134217728
4	$\mathcal{O}(1; \{4^{26}, 2^{56}\})$	536870912
4	$\mathcal{O}(1; \{4^{28}, 2^{53}\})$	2147483648
4	$\mathcal{O}(1; \{4^{30}, 2^{50}\})$	8589934592
4	$\mathcal{O}(1; \{4^{32}, 2^{47}\})$	34359738368
4	$\mathcal{O}(1; \{4^{34}, 2^{44}\})$	137438953472
4	$\mathcal{O}(1; \{4^{36}, 2^{41}\})$	549755813888
4	$\mathcal{O}(1; \{4^{38}, 2^{38}\})$	219023255552
4	$\mathcal{O}(1; \{4^{40}, 2^{35}\})$	8796093022208
4	$\mathcal{O}(1; \{4^{42}, 2^{32}\})$	35184372088832
4	$\mathcal{O}(1; \{4^{44}, 2^{29}\})$	140737488355328
4	$\mathcal{O}(1; \{4^{46}, 2^{26}\})$	562949953421312
4	$\mathcal{O}(1; \{4^{48}, 2^{23}\})$	2251799813685248
4	$\mathcal{O}(1; \{4^{50}, 2^{20}\})$	9007199254740992
4	$\mathcal{O}(1; \{4^{52}, 2^{17}\})$	36028797018963968
4	$\mathcal{O}(1; \{4^{54}, 2^{14}\})$	144115188075855872
4	$\mathcal{O}(1; \{4^{56}, 2^{11}\})$	576460752303423488
4	$\mathcal{O}(1; \{4^{58}, 2^8\})$	2305843009213693952
4	$\mathcal{O}(1; \{4^{60}, 2^5\})$	9223372036854775808
4	$\mathcal{O}(1; \{4^{62}, 2^2\})$	36893488147419103232
4	$\mathcal{O}(0; \{4^2, 2^{96}\})$	2
4	$\mathcal{O}(0; \{4^4, 2^{93}\})$	8
4	$\mathcal{O}(0; \{4^6, 2^{90}\})$	32
4	$\mathcal{O}(0; \{4^8, 2^{87}\})$	128
4	$\mathcal{O}(0; \{4^{10}, 2^{84}\})$	512
4	$\mathcal{O}(0; \{4^{12}, 2^{81}\})$	2048
4	$\mathcal{O}(0; \{4^{14}, 2^{78}\})$	8192
4	$\mathcal{O}(0; \{4^{16}, 2^{75}\})$	32768
4	$\mathcal{O}(0; \{4^{18}, 2^{72}\})$	131072
4	$\mathcal{O}(0; \{4^{20}, 2^{69}\})$	524288
4	$\mathcal{O}(0; \{4^{22}, 2^{66}\})$	2097152
4	$\mathcal{O}(0; \{4^{24}, 2^{63}\})$	8388608
4	$\mathcal{O}(0; \{4^{26}, 2^{60}\})$	33554432
4	$\mathcal{O}(0; \{4^{28}, 2^{57}\})$	134217728
4	$\mathcal{O}(0; \{4^{30}, 2^{54}\})$	536870912
4	$\mathcal{O}(0; \{4^{32}, 2^{51}\})$	2147483648
4	$\mathcal{O}(0; \{4^{34}, 2^{48}\})$	8589934592
4	$\mathcal{O}(0; \{4^{36}, 2^{45}\})$	34359738368
4	$\mathcal{O}(0; \{4^{38}, 2^{42}\})$	137438953472
4	$\mathcal{O}(0; \{4^{40}, 2^{39}\})$	549755813888

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(0; \{4^{42}, 2^{36}\})$	2199023255552
4	$\mathcal{O}(0; \{4^{44}, 2^{33}\})$	8796093022208
4	$\mathcal{O}(0; \{4^{46}, 2^{30}\})$	35184372088832
4	$\mathcal{O}(0; \{4^{48}, 2^{27}\})$	140737488355328
4	$\mathcal{O}(0; \{4^{50}, 2^{24}\})$	562949953421312
4	$\mathcal{O}(0; \{4^{52}, 2^{21}\})$	2251799813685248
4	$\mathcal{O}(0; \{4^{54}, 2^{18}\})$	9007199254740992
4	$\mathcal{O}(0; \{4^{56}, 2^{15}\})$	36028797018963968
4	$\mathcal{O}(0; \{4^{58}, 2^{12}\})$	144115188075855872
4	$\mathcal{O}(0; \{4^{60}, 2^9\})$	576460752303423488
4	$\mathcal{O}(0; \{4^{62}, 2^6\})$	2305843009213693952
4	$\mathcal{O}(0; \{4^{64}, 2^3\})$	9223372036854775808
4	$\mathcal{O}(0; \{4^{66}\})$	36893488147419103232
5	$\mathcal{O}(20; \emptyset)$	9094947017729282379150390624
5	$\mathcal{O}(18; \{5^5\})$	2968590706586837768554687500
5	$\mathcal{O}(16; \{5^{10}\})$	4882831126451492309570312500
5	$\mathcal{O}(14; \{5^{15}\})$	7999999970197677612304687500
5	$\mathcal{O}(12; \{5^{20}\})$	13107200000047683715820312500
5	$\mathcal{O}(10; \{5^{25}\})$	21474836479999923706054687500
5	$\mathcal{O}(8; \{5^{30}\})$	35184372088832000122070312500
5	$\mathcal{O}(6; \{5^{35}\})$	57646075230342348799804687500
5	$\mathcal{O}(4; \{5^{40}\})$	94447329657392904273920312500
5	$\mathcal{O}(2; \{5^{45}\})$	154742504910672534362390527500
5	$\mathcal{O}(0; \{5^{50}\})$	253530120045645880299340641076
6	$\mathcal{O}(16; \{6^2\})$	15917322219892801768783872
6	$\mathcal{O}(15; \{3^4, 2^2\})$	1326443518324400147398656
6	$\mathcal{O}(15; \{6, 3^2, 2^3\})$	442147839441466715799552
6	$\mathcal{O}(15; \{6^2, 2^4\})$	442147839441466715799552
6	$\mathcal{O}(15; \{6^2, 3^3\})$	2210739197207333578997760
6	$\mathcal{O}(15; \{6^3, 3, 2\})$	1326443518324400147398656
6	$\mathcal{O}(14; \{3^4, 2^6\})$	36845653286788892983296
6	$\mathcal{O}(14; \{3^7, 2^2\})$	257919573007522250883072
6	$\mathcal{O}(14; \{6, 3^2, 2^7\})$	12281884428929630994432
6	$\mathcal{O}(14; \{6, 3^5, 2^3\})$	135100728718225940938752
6	$\mathcal{O}(14; \{6^2, 2^8\})$	12281884428929630994432
6	$\mathcal{O}(14; \{6^2, 3^3, 2^4\})$	61409422144648154972160
6	$\mathcal{O}(14; \{6^2, 3^6\})$	528121030443974132760576
6	$\mathcal{O}(14; \{6^3, 3, 2^5\})$	36845653286788892983296
6	$\mathcal{O}(14; \{6^3, 3^4, 2\})$	257919573007522250883072
6	$\mathcal{O}(14; \{6^4, 3^2, 2^2\})$	135100728718225940938752
6	$\mathcal{O}(14; \{6^5, 2^3\})$	61409422144648154972160
6	$\mathcal{O}(14; \{6^6, 3\})$	257919573007522250883072
6	$\mathcal{O}(13; \{3^4, 2^{10}\})$	1023490369077469249536

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(13; \{3^7, 2^6\})$	7164432583542284746752
6	$\mathcal{O}(13; \{3^{10}, 2^2\})$	58338951037415747223552
6	$\mathcal{O}(13; \{6, 3^2, 2^{11}\})$	341163456359156416512
6	$\mathcal{O}(13; \{6, 3^5, 2^7\})$	3752798019950720581632
6	$\mathcal{O}(13; \{6, 3^8, 2^3\})$	28998893790528295403520
6	$\mathcal{O}(13; \{6^2, 2^{12}\})$	341163456359156416512
6	$\mathcal{O}(13; \{6^2, 3^3, 2^8\})$	1705817281795782082560
6	$\mathcal{O}(13; \{6^2, 3^6, 2^4\})$	14670028623443725910016
6	$\mathcal{O}(13; \{6^2, 3^9\})$	116336738618472338030592
6	$\mathcal{O}(13; \{6^3, 3, 2^9\})$	1023490369077469249536
6	$\mathcal{O}(13; \{6^3, 3^4, 2^5\})$	7164432583542284746752
6	$\mathcal{O}(13; \{6^3, 3^7, 2\})$	58338951037415747223552
6	$\mathcal{O}(13; \{6^4, 3^2, 2^6\})$	3752798019950720581632
6	$\mathcal{O}(13; \{6^4, 3^5, 2^2\})$	28998893790528295403520
6	$\mathcal{O}(13; \{6^5, 2^7\})$	1705817281795782082560
6	$\mathcal{O}(13; \{6^5, 3^3, 2^3\})$	14670028623443725910016
6	$\mathcal{O}(13; \{6^6, 3, 2^4\})$	7164432583542284746752
6	$\mathcal{O}(13; \{6^6, 3^4\})$	58338951037415747223552
6	$\mathcal{O}(13; \{6^7, 3^2, 2\})$	28998893790528295403520
6	$\mathcal{O}(13; \{6^8, 2^2\})$	14670028623443725910016
6	$\mathcal{O}(12; \{3^4, 2^{14}\})$	28430288029929701376
6	$\mathcal{O}(12; \{3^7, 2^{10}\})$	199012016209507909632
6	$\mathcal{O}(12; \{3^{10}, 2^6\})$	1620526417705992978432
6	$\mathcal{O}(12; \{3^{13}, 2^2\})$	12935781053618014126080
6	$\mathcal{O}(12; \{6, 3^2, 2^{15}\})$	9476762676643233792
6	$\mathcal{O}(12; \{6, 3^5, 2^{11}\})$	104244389443075571712
6	$\mathcal{O}(12; \{6, 3^8, 2^7\})$	805524827514674872320
6	$\mathcal{O}(12; \{6, 3^{11}, 2^3\})$	6472628908147328679936
6	$\mathcal{O}(12; \{6^2, 2^{16}\})$	9476762676643233792
6	$\mathcal{O}(12; \{6^2, 3^3, 2^{12}\})$	47383813383216168960
6	$\mathcal{O}(12; \{6^2, 3^6, 2^8\})$	407500795095659053056
6	$\mathcal{O}(12; \{6^2, 3^9, 2^4\})$	3231576072735342723072
6	$\mathcal{O}(12; \{6^2, 3^{12}\})$	25881038869912671485952
6	$\mathcal{O}(12; \{6^3, 3, 2^{13}\})$	28430288029929701376
6	$\mathcal{O}(12; \{6^3, 3^4, 2^9\})$	199012016209507909632
6	$\mathcal{O}(12; \{6^3, 3^7, 2^5\})$	1620526417705992978432
6	$\mathcal{O}(12; \{6^3, 3^{10}, 2\})$	12935781053618014126080
6	$\mathcal{O}(12; \{6^4, 3^2, 2^{10}\})$	104244389443075571712
6	$\mathcal{O}(12; \{6^4, 3^5, 2^6\})$	805524827514674872320
6	$\mathcal{O}(12; \{6^4, 3^8, 2^2\})$	6472628908147328679936
6	$\mathcal{O}(12; \{6^5, 2^{11}\})$	47383813383216168960
6	$\mathcal{O}(12; \{6^5, 3^3, 2^7\})$	407500795095659053056
6	$\mathcal{O}(12; \{6^5, 3^6, 2^3\})$	3231576072735342723072

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(12; \{6^6, 3, 2^8\})$	199012016209507909632
6	$\mathcal{O}(12; \{6^6, 3^4, 2^4\})$	1620526417705992978432
6	$\mathcal{O}(12; \{6^6, 3^7\})$	12935781053618014126080
6	$\mathcal{O}(12; \{6^7, 3^2, 2^5\})$	805524827514674872320
6	$\mathcal{O}(12; \{6^7, 3^5, 2\})$	6472628908147328679936
6	$\mathcal{O}(12; \{6^8, 2^6\})$	407500795095659053056
6	$\mathcal{O}(12; \{6^8, 3^3, 2^2\})$	3231576072735342723072
6	$\mathcal{O}(12; \{6^9, 3, 2^3\})$	1620526417705992978432
6	$\mathcal{O}(12; \{6^{10}, 3^2\})$	6472628908147328679936
6	$\mathcal{O}(12; \{6^{11}, 2\})$	3231576072735342723072
6	$\mathcal{O}(11; \{3^4, 2^{18}\})$	789730223053602816
6	$\mathcal{O}(11; \{3^7, 2^{14}\})$	5528111561375219712
6	$\mathcal{O}(11; \{3^{10}, 2^{10}\})$	45014622714055360512
6	$\mathcal{O}(11; \{3^{13}, 2^6\})$	359327251489389281280
6	$\mathcal{O}(11; \{3^{16}, 2^2\})$	2875407742138167853056
6	$\mathcal{O}(11; \{6, 3^2, 2^{19}\})$	263243407684534272
6	$\mathcal{O}(11; \{6, 3^5, 2^{15}\})$	2895677484529876992
6	$\mathcal{O}(11; \{6, 3^8, 2^{11}\})$	22375689653185413120
6	$\mathcal{O}(11; \{6, 3^{11}, 2^7\})$	179795247448536907776
6	$\mathcal{O}(11; \{6, 3^{14}, 2^3\})$	1437572249365241659392
6	$\mathcal{O}(11; \{6^2, 2^{20}\})$	263243407684534272
6	$\mathcal{O}(11; \{6^2, 3^3, 2^{16}\})$	1316217038422671360
6	$\mathcal{O}(11; \{6^2, 3^6, 2^{12}\})$	11319466530434973696
6	$\mathcal{O}(11; \{6^2, 3^9, 2^8\})$	89766002020426186752
6	$\mathcal{O}(11; \{6^2, 3^{12}, 2^4\})$	718917746386463096832
6	$\mathcal{O}(11; \{6^2, 3^{15}\})$	5750552240868651171840
6	$\mathcal{O}(11; \{6^3, 3, 2^{17}\})$	789730223053602816
6	$\mathcal{O}(11; \{6^3, 3^4, 2^{13}\})$	5528111561375219712
6	$\mathcal{O}(11; \{6^3, 3^7, 2^9\})$	45014622714055360512
6	$\mathcal{O}(11; \{6^3, 3^{10}, 2^5\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^3, 3^{13}, 2\})$	2875407742138167853056
6	$\mathcal{O}(11; \{6^4, 3^2, 2^{14}\})$	2895677484529876992
6	$\mathcal{O}(11; \{6^4, 3^5, 2^{10}\})$	22375689653185413120
6	$\mathcal{O}(11; \{6^4, 3^8, 2^6\})$	179795247448536907776
6	$\mathcal{O}(11; \{6^4, 3^{11}, 2^2\})$	1437572249365241659392
6	$\mathcal{O}(11; \{6^5, 2^{15}\})$	1316217038422671360
6	$\mathcal{O}(11; \{6^5, 3^3, 2^{11}\})$	11319466530434973696
6	$\mathcal{O}(11; \{6^5, 3^6, 2^7\})$	89766002020426186752
6	$\mathcal{O}(11; \{6^5, 3^9, 2^3\})$	718917746386463096832
6	$\mathcal{O}(11; \{6^6, 3, 2^{12}\})$	5528111561375219712
6	$\mathcal{O}(11; \{6^6, 3^4, 2^8\})$	45014622714055360512
6	$\mathcal{O}(11; \{6^6, 3^7, 2^4\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^6, 3^{10}\})$	2875407742138167853056

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(11; \{6^7, 3^2, 2^9\})$	22375689653185413120
6	$\mathcal{O}(11; \{6^7, 3^5, 2^5\})$	179795247448536907776
6	$\mathcal{O}(11; \{6^7, 3^8, 2\})$	1437572249365241659392
6	$\mathcal{O}(11; \{6^8, 2^{10}\})$	11319466530434973696
6	$\mathcal{O}(11; \{6^8, 3^3, 2^6\})$	89766002020426186752
6	$\mathcal{O}(11; \{6^8, 3^6, 2^2\})$	718917746386463096832
6	$\mathcal{O}(11; \{6^9, 3, 2^7\})$	45014622714055360512
6	$\mathcal{O}(11; \{6^9, 3^4, 2^3\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^{10}, 3^2, 2^4\})$	179795247448536907776
6	$\mathcal{O}(11; \{6^{10}, 3^5\})$	1437572249365241659392
6	$\mathcal{O}(11; \{6^{11}, 2^5\})$	89766002020426186752
6	$\mathcal{O}(11; \{6^{11}, 3^3, 2\})$	718917746386463096832
6	$\mathcal{O}(11; \{6^{12}, 3, 2^2\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^{14}\})$	718917746386463096832
6	$\mathcal{O}(10; \{3^4, 2^{22}\})$	21936950640377856
6	$\mathcal{O}(10; \{3^7, 2^{18}\})$	153558654482644992
6	$\mathcal{O}(10; \{3^{10}, 2^{14}\})$	1250406186501537792
6	$\mathcal{O}(10; \{3^{13}, 2^{10}\})$	9981312541371924480
6	$\mathcal{O}(10; \{3^{16}, 2^6\})$	79872437281615773696
6	$\mathcal{O}(10; \{3^{19}, 2^2\})$	638957561302285811712
6	$\mathcal{O}(10; \{6, 3^2, 2^{23}\})$	7312316880125952
6	$\mathcal{O}(10; \{6, 3^5, 2^{19}\})$	80435485681385472
6	$\mathcal{O}(10; \{6, 3^8, 2^{15}\})$	621546934810705920
6	$\mathcal{O}(10; \{6, 3^{11}, 2^{11}\})$	4994312429126025216
6	$\mathcal{O}(10; \{6, 3^{14}, 2^7\})$	39932562482367823872
6	$\mathcal{O}(10; \{6, 3^{17}, 2^3\})$	319482436809582968832
6	$\mathcal{O}(10; \{6^2, 2^{24}\})$	7312316880125952
6	$\mathcal{O}(10; \{6^2, 3^3, 2^{20}\})$	36561584400629760
6	$\mathcal{O}(10; \{6^2, 3^6, 2^{16}\})$	314429625845415936
6	$\mathcal{O}(10; \{6^2, 3^9, 2^{12}\})$	2493500056122949632
6	$\mathcal{O}(10; \{6^2, 3^{12}, 2^8\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^2, 3^{15}, 2^4\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^2, 3^{18}\})$	1277922434921451749376
6	$\mathcal{O}(10; \{6^3, 3, 2^{21}\})$	21936950640377856
6	$\mathcal{O}(10; \{6^3, 3^4, 2^{17}\})$	153558654482644992
6	$\mathcal{O}(10; \{6^3, 3^7, 2^{13}\})$	1250406186501537792
6	$\mathcal{O}(10; \{6^3, 3^{10}, 2^9\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^3, 3^{13}, 2^5\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^3, 3^{16}, 2\})$	638957561302285811712
6	$\mathcal{O}(10; \{6^4, 3^2, 2^{18}\})$	80435485681385472
6	$\mathcal{O}(10; \{6^4, 3^5, 2^{14}\})$	621546934810705920
6	$\mathcal{O}(10; \{6^4, 3^8, 2^{10}\})$	4994312429126025216
6	$\mathcal{O}(10; \{6^4, 3^{11}, 2^6\})$	39932562482367823872

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(10; \{6^4, 3^{14}, 2^2\})$	319482436809582968832
6	$\mathcal{O}(10; \{6^5, 2^{19}\})$	36561584400629760
6	$\mathcal{O}(10; \{6^5, 3^3, 2^{15}\})$	314429625845415936
6	$\mathcal{O}(10; \{6^5, 3^6, 2^{11}\})$	2493500056122949632
6	$\mathcal{O}(10; \{6^5, 3^9, 2^7\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^5, 3^{12}, 2^3\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^6, 3, 2^{16}\})$	153558654482644992
6	$\mathcal{O}(10; \{6^6, 3^4, 2^{12}\})$	1250406186501537792
6	$\mathcal{O}(10; \{6^6, 3^7, 2^8\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^6, 3^{10}, 2^4\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^6, 3^{13}\})$	638957561302285811712
6	$\mathcal{O}(10; \{6^7, 3^2, 2^{13}\})$	621546934810705920
6	$\mathcal{O}(10; \{6^7, 3^5, 2^9\})$	4994312429126025216
6	$\mathcal{O}(10; \{6^7, 3^8, 2^5\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^7, 3^{11}, 2\})$	319482436809582968832
6	$\mathcal{O}(10; \{6^8, 2^{14}\})$	314429625845415936
6	$\mathcal{O}(10; \{6^8, 3^3, 2^{10}\})$	2493500056122949632
6	$\mathcal{O}(10; \{6^8, 3^6, 2^6\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^8, 3^9, 2^2\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^9, 3, 2^{11}\})$	1250406186501537792
6	$\mathcal{O}(10; \{6^9, 3^4, 2^7\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^9, 3^7, 2^3\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^{10}, 3^2, 2^8\})$	4994312429126025216
6	$\mathcal{O}(10; \{6^{10}, 3^5, 2^4\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^{10}, 3^8\})$	319482436809582968832
6	$\mathcal{O}(10; \{6^{11}, 2^9\})$	2493500056122949632
6	$\mathcal{O}(10; \{6^{11}, 3^3, 2^5\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^{11}, 3^6, 2\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^{12}, 3, 2^6\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^{12}, 3^4, 2^2\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^{13}, 3^2, 2^3\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^{14}, 2^4\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^{14}, 3^3\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^{15}, 3, 2\})$	79872437281615773696
6	$\mathcal{O}(9; \{3^4, 2^{26}\})$	609359740010496
6	$\mathcal{O}(9; \{3^7, 2^{22}\})$	4265518180073472
6	$\mathcal{O}(9; \{3^{10}, 2^{18}\})$	34733505180598272
6	$\mathcal{O}(9; \{3^{13}, 2^{14}\})$	277258681704775680
6	$\mathcal{O}(9; \{3^{16}, 2^{10}\})$	2218678813378215936
6	$\mathcal{O}(9; \{3^{19}, 2^6\})$	17748821147285716992
6	$\mathcal{O}(9; \{3^{22}, 2^2\})$	141991178538025746432
6	$\mathcal{O}(9; \{6, 3^2, 2^{27}\})$	203119913336832
6	$\mathcal{O}(9; \{6, 3^5, 2^{23}\})$	2234319046705152

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(9; \{6, 3^8, 2^{19}\})$	17265192633630720
6	$\mathcal{O}(9; \{6, 3^{11}, 2^{15}\})$	138730900809056256
6	$\mathcal{O}(9; \{6, 3^{14}, 2^{11}\})$	1109237846732439552
6	$\mathcal{O}(9; \{6, 3^{17}, 2^7\})$	8874512133599526912
6	$\mathcal{O}(9; \{6, 3^{20}, 2^3\})$	70995487709056204800
6	$\mathcal{O}(9; \{6^2, 2^{28}\})$	203119913336832
6	$\mathcal{O}(9; \{6^2, 3^3, 2^{24}\})$	1015599566684160
6	$\mathcal{O}(9; \{6^2, 3^6, 2^{20}\})$	8734156273483776
6	$\mathcal{O}(9; \{6^2, 3^9, 2^{16}\})$	69263890447859712
6	$\mathcal{O}(9; \{6^2, 3^{12}, 2^{12}\})$	554720483322888192
6	$\mathcal{O}(9; \{6^2, 3^{15}, 2^8\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^2, 3^{18}, 2^4\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^2, 3^{21}\})$	283982153956138156032
6	$\mathcal{O}(9; \{6^3, 3, 2^{25}\})$	609359740010496
6	$\mathcal{O}(9; \{6^3, 3^4, 2^{21}\})$	4265518180073472
6	$\mathcal{O}(9; \{6^3, 3^7, 2^{17}\})$	34733505180598272
6	$\mathcal{O}(9; \{6^3, 3^{10}, 2^{13}\})$	277258681704775680
6	$\mathcal{O}(9; \{6^3, 3^{13}, 2^9\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^3, 3^{16}, 2^5\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^3, 3^{19}, 2\})$	141991178538025746432
6	$\mathcal{O}(9; \{6^4, 3^2, 2^{22}\})$	2234319046705152
6	$\mathcal{O}(9; \{6^4, 3^5, 2^{18}\})$	17265192633630720
6	$\mathcal{O}(9; \{6^4, 3^8, 2^{14}\})$	138730900809056256
6	$\mathcal{O}(9; \{6^4, 3^{11}, 2^{10}\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^4, 3^{14}, 2^6\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^4, 3^{17}, 2^2\})$	70995487709056204800
6	$\mathcal{O}(9; \{6^5, 2^{23}\})$	1015599566684160
6	$\mathcal{O}(9; \{6^5, 3^3, 2^{19}\})$	8734156273483776
6	$\mathcal{O}(9; \{6^5, 3^6, 2^{15}\})$	69263890447859712
6	$\mathcal{O}(9; \{6^5, 3^9, 2^{11}\})$	554720483322888192
6	$\mathcal{O}(9; \{6^5, 3^{12}, 2^7\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^5, 3^{15}, 2^3\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^6, 3, 2^{20}\})$	4265518180073472
6	$\mathcal{O}(9; \{6^6, 3^4, 2^{16}\})$	34733505180598272
6	$\mathcal{O}(9; \{6^6, 3^7, 2^{12}\})$	277258681704775680
6	$\mathcal{O}(9; \{6^6, 3^{10}, 2^8\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^6, 3^{13}, 2^4\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^6, 3^{16}\})$	141991178538025746432
6	$\mathcal{O}(9; \{6^7, 3^2, 2^{17}\})$	17265192633630720
6	$\mathcal{O}(9; \{6^7, 3^5, 2^{13}\})$	138730900809056256
6	$\mathcal{O}(9; \{6^7, 3^8, 2^9\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^7, 3^{11}, 2^5\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^7, 3^{14}, 2\})$	70995487709056204800

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(9; \{6^8, 2^{18}\})$	8734156273483776
6	$\mathcal{O}(9; \{6^8, 3^3, 2^{14}\})$	69263890447859712
6	$\mathcal{O}(9; \{6^8, 3^6, 2^{10}\})$	554720483322888192
6	$\mathcal{O}(9; \{6^8, 3^9, 2^6\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^8, 3^{12}, 2^2\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^9, 3, 2^{15}\})$	34733505180598272
6	$\mathcal{O}(9; \{6^9, 3^4, 2^{11}\})$	277258681704775680
6	$\mathcal{O}(9; \{6^9, 3^7, 2^7\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^9, 3^{10}, 2^3\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^{10}, 3^2, 2^{12}\})$	138730900809056256
6	$\mathcal{O}(9; \{6^{10}, 3^5, 2^8\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^{10}, 3^8, 2^4\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^{10}, 3^{11}\})$	70995487709056204800
6	$\mathcal{O}(9; \{6^{11}, 2^{13}\})$	69263890447859712
6	$\mathcal{O}(9; \{6^{11}, 3^3, 2^9\})$	554720483322888192
6	$\mathcal{O}(9; \{6^{11}, 3^6, 2^5\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^{11}, 3^9, 2\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^{12}, 3, 2^{10}\})$	277258681704775680
6	$\mathcal{O}(9; \{6^{12}, 3^4, 2^6\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^{12}, 3^7, 2^2\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^{13}, 3^2, 2^7\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^{13}, 3^5, 2^3\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^{14}, 2^8\})$	554720483322888192
6	$\mathcal{O}(9; \{6^{14}, 3^3, 2^4\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^{14}, 3^6\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^{15}, 3, 2^5\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^{15}, 3^4, 2\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^{16}, 3^2, 2^2\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^{17}, 2^3\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^{18}, 3\})$	17748821147285716992
6	$\mathcal{O}(8; \{3^4, 2^{30}\})$	16926659444736
6	$\mathcal{O}(8; \{3^7, 2^{26}\})$	118486616113152
6	$\mathcal{O}(8; \{3^{10}, 2^{22}\})$	964819588349952
6	$\mathcal{O}(8; \{3^{13}, 2^{18}\})$	7701630047354880
6	$\mathcal{O}(8; \{3^{16}, 2^{14}\})$	61629967038283776
6	$\mathcal{O}(8; \{3^{19}, 2^{10}\})$	493022809646825472
6	$\mathcal{O}(8; \{3^{22}, 2^6\})$	3944199403834048512
6	$\mathcal{O}(8; \{3^{25}, 2^2\})$	31553578304012943360
6	$\mathcal{O}(8; \{6, 3^2, 2^{31}\})$	5642219814912
6	$\mathcal{O}(8; \{6, 3^5, 2^{27}\})$	62064417964032
6	$\mathcal{O}(8; \{6, 3^8, 2^{23}\})$	479588684267520
6	$\mathcal{O}(8; \{6, 3^{11}, 2^{19}\})$	3853636133584896
6	$\mathcal{O}(8; \{6, 3^{14}, 2^{15}\})$	30812162409234432

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(8; \{6, 3^{17}, 2^{11}\})$	246514225933320192
6	$\mathcal{O}(8; \{6, 3^{20}, 2^7\})$	1972096880807116800
6	$\mathcal{O}(8; \{6, 3^{23}, 2^3\})$	15776791973116379136
6	$\mathcal{O}(8; \{6^2, 2^{32}\})$	5642219814912
6	$\mathcal{O}(8; \{6^2, 3^3, 2^{28}\})$	28211099074560
6	$\mathcal{O}(8; \{6^2, 3^6, 2^{24}\})$	242615452041216
6	$\mathcal{O}(8; \{6^2, 3^9, 2^{20}\})$	1923996956884992
6	$\mathcal{O}(8; \{6^2, 3^{12}, 2^{16}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^2, 3^{15}, 2^{12}\})$	123254291856752640
6	$\mathcal{O}(8; \{6^2, 3^{18}, 2^8\})$	986051261513465856
6	$\mathcal{O}(8; \{6^2, 3^{21}, 2^4\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^2, 3^{24}\})$	63107162250245701632
6	$\mathcal{O}(8; \{6^3, 3, 2^{29}\})$	16926659444736
6	$\mathcal{O}(8; \{6^3, 3^4, 2^{25}\})$	118486616113152
6	$\mathcal{O}(8; \{6^3, 3^7, 2^{21}\})$	964819588349952
6	$\mathcal{O}(8; \{6^3, 3^{10}, 2^{17}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^3, 3^{13}, 2^{13}\})$	61629967038283776
6	$\mathcal{O}(8; \{6^3, 3^{16}, 2^9\})$	493022809646825472
6	$\mathcal{O}(8; \{6^3, 3^{19}, 2^5\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^3, 3^{22}, 2\})$	31553578304012943360
6	$\mathcal{O}(8; \{6^4, 3^2, 2^{26}\})$	62064417964032
6	$\mathcal{O}(8; \{6^4, 3^5, 2^{22}\})$	479588684267520
6	$\mathcal{O}(8; \{6^4, 3^8, 2^{18}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^4, 3^{11}, 2^{14}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^4, 3^{14}, 2^{10}\})$	246514225933320192
6	$\mathcal{O}(8; \{6^4, 3^{17}, 2^6\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^4, 3^{20}, 2^2\})$	15776791973116379136
6	$\mathcal{O}(8; \{6^5, 2^{27}\})$	28211099074560
6	$\mathcal{O}(8; \{6^5, 3^3, 2^{23}\})$	242615452041216
6	$\mathcal{O}(8; \{6^5, 3^6, 2^{19}\})$	1923996956884992
6	$\mathcal{O}(8; \{6^5, 3^9, 2^{15}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^5, 3^{12}, 2^{11}\})$	123254291856752640
6	$\mathcal{O}(8; \{6^5, 3^{15}, 2^7\})$	986051261513465856
6	$\mathcal{O}(8; \{6^5, 3^{18}, 2^3\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^6, 3, 2^{24}\})$	118486616113152
6	$\mathcal{O}(8; \{6^6, 3^4, 2^{20}\})$	964819588349952
6	$\mathcal{O}(8; \{6^6, 3^7, 2^{16}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^6, 3^{10}, 2^{12}\})$	61629967038283776
6	$\mathcal{O}(8; \{6^6, 3^{13}, 2^8\})$	493022809646825472
6	$\mathcal{O}(8; \{6^6, 3^{16}, 2^4\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^6, 3^{19}\})$	31553578304012943360
6	$\mathcal{O}(8; \{6^7, 3^2, 2^{21}\})$	479588684267520
6	$\mathcal{O}(8; \{6^7, 3^5, 2^{17}\})$	3853636133584896

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(8; \{6^7, 3^8, 2^{13}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^7, 3^{11}, 2^9\})$	246514225933320192
6	$\mathcal{O}(8; \{6^7, 3^{14}, 2^5\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^7, 3^{17}, 2\})$	15776791973116379136
6	$\mathcal{O}(8; \{6^8, 2^{22}\})$	242615452041216
6	$\mathcal{O}(8; \{6^8, 3^3, 2^{18}\})$	1923996956884992
6	$\mathcal{O}(8; \{6^8, 3^6, 2^{14}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^8, 3^9, 2^{10}\})$	123254291856752640
6	$\mathcal{O}(8; \{6^8, 3^{12}, 2^6\})$	986051261513465856
6	$\mathcal{O}(8; \{6^8, 3^{15}, 2^2\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^9, 3, 2^{19}\})$	964819588349952
6	$\mathcal{O}(8; \{6^9, 3^4, 2^{15}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^9, 3^7, 2^{11}\})$	61629967038283776
6	$\mathcal{O}(8; \{6^9, 3^{10}, 2^7\})$	493022809646825472
6	$\mathcal{O}(8; \{6^9, 3^{13}, 2^3\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^{10}, 3^2, 2^{16}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^{10}, 3^5, 2^{12}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^{10}, 3^8, 2^8\})$	246514225933320192
6	$\mathcal{O}(8; \{6^{10}, 3^{11}, 2^4\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^{10}, 3^{14}\})$	15776791973116379136
6	$\mathcal{O}(8; \{6^{11}, 2^{17}\})$	1923996956884992
6	$\mathcal{O}(8; \{6^{11}, 3^3, 2^{13}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^{11}, 3^6, 2^9\})$	123254291856752640
6	$\mathcal{O}(8; \{6^{11}, 3^9, 2^5\})$	986051261513465856
6	$\mathcal{O}(8; \{6^{11}, 3^{12}, 2\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^{12}, 3, 2^{14}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^{12}, 3^4, 2^{10}\})$	61629967038283776
6	$\mathcal{O}(8; \{6^{12}, 3^7, 2^6\})$	493022809646825472
6	$\mathcal{O}(8; \{6^{12}, 3^{10}, 2^2\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^{13}, 3^2, 2^{11}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^{13}, 3^5, 2^7\})$	246514225933320192
6	$\mathcal{O}(8; \{6^{13}, 3^8, 2^3\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^{14}, 2^{12}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^{14}, 3^3, 2^8\})$	123254291856752640
6	$\mathcal{O}(8; \{6^{14}, 3^6, 2^4\})$	986051261513465856
6	$\mathcal{O}(8; \{6^{14}, 3^9\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^{15}, 3, 2^9\})$	61629967038283776
6	$\mathcal{O}(8; \{6^{15}, 3^4, 2^5\})$	493022809646825472
6	$\mathcal{O}(8; \{6^{15}, 3^7, 2\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^{16}, 3^2, 2^6\})$	246514225933320192
6	$\mathcal{O}(8; \{6^{16}, 3^5, 2^2\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^{17}, 2^7\})$	123254291856752640
6	$\mathcal{O}(8; \{6^{17}, 3^3, 2^3\})$	986051261513465856

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(8; \{6^{18}, 3, 2^4\})$	493022809646825472
6	$\mathcal{O}(8; \{6^{18}, 3^4\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^{19}, 3^2, 2\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^{20}, 2^2\})$	986051261513465856
6	$\mathcal{O}(7; \{3^4, 2^{34}\})$	470184984576
6	$\mathcal{O}(7; \{3^7, 2^{30}\})$	3291294892032
6	$\mathcal{O}(7; \{3^{10}, 2^{26}\})$	26800544120832
6	$\mathcal{O}(7; \{3^{13}, 2^{22}\})$	213934167982080
6	$\mathcal{O}(7; \{3^{16}, 2^{18}\})$	1711943528841216
6	$\mathcal{O}(7; \{3^{19}, 2^{14}\})$	13695078045745152
6	$\mathcal{O}(7; \{3^{22}, 2^{10}\})$	109561094550945792
6	$\mathcal{O}(7; \{3^{25}, 2^6\})$	876488286222581760
6	$\mathcal{O}(7; \{3^{28}, 2^2\})$	7011906759965638656
6	$\mathcal{O}(7; \{6, 3^2, 2^{35}\})$	156728328192
6	$\mathcal{O}(7; \{6, 3^5, 2^{31}\})$	1724011610112
6	$\mathcal{O}(7; \{6, 3^8, 2^{27}\})$	13321907896320
6	$\mathcal{O}(7; \{6, 3^{11}, 2^{23}\})$	107045448155136
6	$\mathcal{O}(7; \{6, 3^{14}, 2^{19}\})$	855893400256512
6	$\mathcal{O}(7; \{6, 3^{17}, 2^{15}\})$	6847617387036672
6	$\mathcal{O}(7; \{6, 3^{20}, 2^{11}\})$	54780468911308800
6	$\mathcal{O}(7; \{6, 3^{23}, 2^7\})$	438244221475454976
6	$\mathcal{O}(7; \{6, 3^{26}, 2^3\})$	3505953301618655232
6	$\mathcal{O}(7; \{6^2, 2^{36}\})$	156728328192
6	$\mathcal{O}(7; \{6^2, 3^3, 2^{32}\})$	783641640960
6	$\mathcal{O}(7; \{6^2, 3^6, 2^{28}\})$	6739318112256
6	$\mathcal{O}(7; \{6^2, 3^9, 2^{24}\})$	53444359913472
6	$\mathcal{O}(7; \{6^2, 3^{12}, 2^{20}\})$	428025064292352
6	$\mathcal{O}(7; \{6^2, 3^{15}, 2^{16}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^2, 3^{18}, 2^{12}\})$	27390312819818496
6	$\mathcal{O}(7; \{6^2, 3^{21}, 2^8\})$	219122032373563392
6	$\mathcal{O}(7; \{6^2, 3^{24}, 2^4\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^2, 3^{27}\})$	14023813363202949120
6	$\mathcal{O}(7; \{6^3, 3, 2^{33}\})$	470184984576
6	$\mathcal{O}(7; \{6^3, 3^4, 2^{29}\})$	3291294892032
6	$\mathcal{O}(7; \{6^3, 3^7, 2^{25}\})$	26800544120832
6	$\mathcal{O}(7; \{6^3, 3^{10}, 2^{21}\})$	213934167982080
6	$\mathcal{O}(7; \{6^3, 3^{13}, 2^{17}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^3, 3^{16}, 2^{13}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^3, 3^{19}, 2^9\})$	109561094550945792
6	$\mathcal{O}(7; \{6^3, 3^{22}, 2^5\})$	876488286222581760
6	$\mathcal{O}(7; \{6^3, 3^{25}, 2\})$	7011906759965638656
6	$\mathcal{O}(7; \{6^4, 3^2, 2^{30}\})$	1724011610112
6	$\mathcal{O}(7; \{6^4, 3^5, 2^{26}\})$	13321907896320

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(O), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{6^4, 3^8, 2^{22}\})$	107045448155136
6	$\mathcal{O}(7; \{6^4, 3^{11}, 2^{18}\})$	855893400256512
6	$\mathcal{O}(7; \{6^4, 3^{14}, 2^{14}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^4, 3^{17}, 2^{10}\})$	54780468911308800
6	$\mathcal{O}(7; \{6^4, 3^{20}, 2^6\})$	438244221475454976
6	$\mathcal{O}(7; \{6^4, 3^{23}, 2^2\})$	3505953301618655232
6	$\mathcal{O}(7; \{6^5, 2^{31}\})$	783641640960
6	$\mathcal{O}(7; \{6^5, 3^3, 2^{27}\})$	6739318112256
6	$\mathcal{O}(7; \{6^5, 3^6, 2^{23}\})$	53444359913472
6	$\mathcal{O}(7; \{6^5, 3^9, 2^{19}\})$	428025064292352
6	$\mathcal{O}(7; \{6^5, 3^{12}, 2^{15}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^5, 3^{15}, 2^{11}\})$	27390312819818496
6	$\mathcal{O}(7; \{6^5, 3^{18}, 2^7\})$	219122032373563392
6	$\mathcal{O}(7; \{6^5, 3^{21}, 2^3\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^6, 3, 2^{28}\})$	3291294892032
6	$\mathcal{O}(7; \{6^6, 3^4, 2^{24}\})$	26800544120832
6	$\mathcal{O}(7; \{6^6, 3^7, 2^{20}\})$	213934167982080
6	$\mathcal{O}(7; \{6^6, 3^{10}, 2^{16}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^6, 3^{13}, 2^{12}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^6, 3^{16}, 2^8\})$	109561094550945792
6	$\mathcal{O}(7; \{6^6, 3^{19}, 2^4\})$	876488286222581760
6	$\mathcal{O}(7; \{6^6, 3^{22}\})$	7011906759965638656
6	$\mathcal{O}(7; \{6^7, 3^2, 2^{25}\})$	13321907896320
6	$\mathcal{O}(7; \{6^7, 3^5, 2^{21}\})$	107045448155136
6	$\mathcal{O}(7; \{6^7, 3^8, 2^{17}\})$	855893400256512
6	$\mathcal{O}(7; \{6^7, 3^{11}, 2^{13}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^7, 3^{14}, 2^9\})$	54780468911308800
6	$\mathcal{O}(7; \{6^7, 3^{17}, 2^5\})$	438244221475454976
6	$\mathcal{O}(7; \{6^7, 3^{20}, 2\})$	3505953301618655232
6	$\mathcal{O}(7; \{6^8, 2^{26}\})$	6739318112256
6	$\mathcal{O}(7; \{6^8, 3^3, 2^{22}\})$	53444359913472
6	$\mathcal{O}(7; \{6^8, 3^6, 2^{18}\})$	428025064292352
6	$\mathcal{O}(7; \{6^8, 3^9, 2^{14}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^8, 3^{12}, 2^{10}\})$	27390312819818496
6	$\mathcal{O}(7; \{6^8, 3^{15}, 2^6\})$	219122032373563392
6	$\mathcal{O}(7; \{6^8, 3^{18}, 2^2\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^9, 3, 2^{23}\})$	26800544120832
6	$\mathcal{O}(7; \{6^9, 3^4, 2^{19}\})$	213934167982080
6	$\mathcal{O}(7; \{6^9, 3^7, 2^{15}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^9, 3^{10}, 2^{11}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^9, 3^{13}, 2^7\})$	109561094550945792
6	$\mathcal{O}(7; \{6^9, 3^{16}, 2^3\})$	876488286222581760
6	$\mathcal{O}(7; \{6^{10}, 3^2, 2^{20}\})$	107045448155136

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{6^{10}, 3^5, 2^{16}\})$	855893400256512
6	$\mathcal{O}(7; \{6^{10}, 3^8, 2^{12}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^{10}, 3^{11}, 2^8\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{10}, 3^{14}, 2^4\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{10}, 3^{17}\})$	3505953301618655232
6	$\mathcal{O}(7; \{6^{11}, 2^{21}\})$	53444359913472
6	$\mathcal{O}(7; \{6^{11}, 3^3, 2^{17}\})$	428025064292352
6	$\mathcal{O}(7; \{6^{11}, 3^6, 2^{13}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^{11}, 3^9, 2^9\})$	27390312819818496
6	$\mathcal{O}(7; \{6^{11}, 3^{12}, 2^5\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{11}, 3^{15}, 2\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^{12}, 3, 2^{18}\})$	213934167982080
6	$\mathcal{O}(7; \{6^{12}, 3^4, 2^{14}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^{12}, 3^7, 2^{10}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^{12}, 3^{10}, 2^6\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{12}, 3^{13}, 2^2\})$	876488286222581760
6	$\mathcal{O}(7; \{6^{13}, 3^2, 2^{15}\})$	855893400256512
6	$\mathcal{O}(7; \{6^{13}, 3^5, 2^{11}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^{13}, 3^8, 2^7\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{13}, 3^{11}, 2^3\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{14}, 2^{16}\})$	428025064292352
6	$\mathcal{O}(7; \{6^{14}, 3^3, 2^{12}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^{14}, 3^6, 2^8\})$	27390312819818496
6	$\mathcal{O}(7; \{6^{14}, 3^9, 2^4\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{14}, 3^{12}\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^{15}, 3, 2^{13}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^{15}, 3^4, 2^9\})$	13695078045745152
6	$\mathcal{O}(7; \{6^{15}, 3^7, 2^5\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{15}, 3^{10}, 2\})$	876488286222581760
6	$\mathcal{O}(7; \{6^{16}, 3^2, 2^{10}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^{16}, 3^5, 2^6\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{16}, 3^8, 2^2\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{17}, 2^{11}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^{17}, 3^3, 2^7\})$	27390312819818496
6	$\mathcal{O}(7; \{6^{17}, 3^6, 2^3\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{18}, 3, 2^8\})$	13695078045745152
6	$\mathcal{O}(7; \{6^{18}, 3^4, 2^4\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{18}, 3^7\})$	876488286222581760
6	$\mathcal{O}(7; \{6^{19}, 3^2, 2^5\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{19}, 3^5, 2\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{20}, 2^6\})$	27390312819818496
6	$\mathcal{O}(7; \{6^{20}, 3^3, 2^2\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{21}, 3, 2^3\})$	109561094550945792

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{6^{22}, 3^2\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{23}, 2\})$	219122032373563392
6	$\mathcal{O}(6; \{3^4, 2^{38}\})$	13060694016
6	$\mathcal{O}(6; \{3^7, 2^{34}\})$	91424858112
6	$\mathcal{O}(6; \{3^{10}, 2^{30}\})$	744459558912
6	$\mathcal{O}(6; \{3^{13}, 2^{26}\})$	5942615777280
6	$\mathcal{O}(6; \{3^{16}, 2^{22}\})$	47553986912256
6	$\mathcal{O}(6; \{3^{19}, 2^{18}\})$	380418834604032
6	$\mathcal{O}(6; \{3^{22}, 2^{14}\})$	3043363737526272
6	$\mathcal{O}(6; \{3^{25}, 2^{10}\})$	24346896839516160
6	$\mathcal{O}(6; \{3^{28}, 2^6\})$	194775187776823296
6	$\mathcal{O}(6; \{3^{31}, 2^2\})$	1558201489153892352
6	$\mathcal{O}(6; \{6, 3^2, 2^{39}\})$	4353564672
6	$\mathcal{O}(6; \{6, 3^5, 2^{35}\})$	47889211392
6	$\mathcal{O}(6; \{6, 3^8, 2^{31}\})$	370052997120
6	$\mathcal{O}(6; \{6, 3^{11}, 2^{27}\})$	2973484670976
6	$\mathcal{O}(6; \{6, 3^{14}, 2^{23}\})$	23774816673792
6	$\mathcal{O}(6; \{6, 3^{17}, 2^{19}\})$	190211594084352
6	$\mathcal{O}(6; \{6, 3^{20}, 2^{15}\})$	1521679691980800
6	$\mathcal{O}(6; \{6, 3^{23}, 2^{11}\})$	12173450596540416
6	$\mathcal{O}(6; \{6, 3^{26}, 2^7\})$	97387591711629312
6	$\mathcal{O}(6; \{6, 3^{29}, 2^3\})$	779100746753728512
6	$\mathcal{O}(6; \{6^2, 2^{40}\})$	4353564672
6	$\mathcal{O}(6; \{6^2, 3^3, 2^{36}\})$	21767823360
6	$\mathcal{O}(6; \{6^2, 3^6, 2^{32}\})$	187203280896
6	$\mathcal{O}(6; \{6^2, 3^9, 2^{28}\})$	1484565553152
6	$\mathcal{O}(6; \{6^2, 3^{12}, 2^{24}\})$	11889585119232
6	$\mathcal{O}(6; \{6^2, 3^{15}, 2^{20}\})$	95103620259840
6	$\mathcal{O}(6; \{6^2, 3^{18}, 2^{16}\})$	760842022772736
6	$\mathcal{O}(6; \{6^2, 3^{21}, 2^{12}\})$	6086723121487872
6	$\mathcal{O}(6; \{6^2, 3^{24}, 2^8\})$	48693798032596992
6	$\mathcal{O}(6; \{6^2, 3^{27}, 2^4\})$	389550371200081920
6	$\mathcal{O}(6; \{6^2, 3^{30}\})$	3116402982661349376
6	$\mathcal{O}(6; \{6^3, 3, 2^{37}\})$	13060694016
6	$\mathcal{O}(6; \{6^3, 3^4, 2^{33}\})$	91424858112
6	$\mathcal{O}(6; \{6^3, 3^7, 2^{29}\})$	744459558912
6	$\mathcal{O}(6; \{6^3, 3^{10}, 2^{25}\})$	5942615777280
6	$\mathcal{O}(6; \{6^3, 3^{13}, 2^{21}\})$	47553986912256
6	$\mathcal{O}(6; \{6^3, 3^{16}, 2^{17}\})$	380418834604032
6	$\mathcal{O}(6; \{6^3, 3^{19}, 2^{13}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^3, 3^{22}, 2^9\})$	24346896839516160
6	$\mathcal{O}(6; \{6^3, 3^{25}, 2^5\})$	194775187776823296
6	$\mathcal{O}(6; \{6^3, 3^{28}, 2\})$	1558201489153892352

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{6^4, 3^2, 2^{34}\})$	47889211392
6	$\mathcal{O}(6; \{6^4, 3^5, 2^{30}\})$	370052997120
6	$\mathcal{O}(6; \{6^4, 3^8, 2^{26}\})$	2973484670976
6	$\mathcal{O}(6; \{6^4, 3^{11}, 2^{22}\})$	23774816673792
6	$\mathcal{O}(6; \{6^4, 3^{14}, 2^{18}\})$	190211594084352
6	$\mathcal{O}(6; \{6^4, 3^{17}, 2^{14}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^4, 3^{20}, 2^{10}\})$	12173450596540416
6	$\mathcal{O}(6; \{6^4, 3^{23}, 2^6\})$	97387591711629312
6	$\mathcal{O}(6; \{6^4, 3^{26}, 2^2\})$	779100746753728512
6	$\mathcal{O}(6; \{6^5, 2^{35}\})$	21767823360
6	$\mathcal{O}(6; \{6^5, 3^3, 2^{31}\})$	187203280896
6	$\mathcal{O}(6; \{6^5, 3^6, 2^{27}\})$	1484565553152
6	$\mathcal{O}(6; \{6^5, 3^9, 2^{23}\})$	11889585119232
6	$\mathcal{O}(6; \{6^5, 3^{12}, 2^{19}\})$	95103620259840
6	$\mathcal{O}(6; \{6^5, 3^{15}, 2^{15}\})$	760842022772736
6	$\mathcal{O}(6; \{6^5, 3^{18}, 2^{11}\})$	6086723121487872
6	$\mathcal{O}(6; \{6^5, 3^{21}, 2^7\})$	48693798032596992
6	$\mathcal{O}(6; \{6^5, 3^{24}, 2^3\})$	389550371200081920
6	$\mathcal{O}(6; \{6^6, 3, 2^{32}\})$	91424858112
6	$\mathcal{O}(6; \{6^6, 3^4, 2^{28}\})$	744459558912
6	$\mathcal{O}(6; \{6^6, 3^7, 2^{24}\})$	5942615777280
6	$\mathcal{O}(6; \{6^6, 3^{10}, 2^{20}\})$	47553986912256
6	$\mathcal{O}(6; \{6^6, 3^{13}, 2^{16}\})$	380418834604032
6	$\mathcal{O}(6; \{6^6, 3^{16}, 2^{12}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^6, 3^{19}, 2^8\})$	24346896839516160
6	$\mathcal{O}(6; \{6^6, 3^{22}, 2^4\})$	194775187776823296
6	$\mathcal{O}(6; \{6^6, 3^{25}\})$	1558201489153892352
6	$\mathcal{O}(6; \{6^7, 3^2, 2^{29}\})$	370052997120
6	$\mathcal{O}(6; \{6^7, 3^5, 2^{25}\})$	2973484670976
6	$\mathcal{O}(6; \{6^7, 3^8, 2^{21}\})$	23774816673792
6	$\mathcal{O}(6; \{6^7, 3^{11}, 2^{17}\})$	190211594084352
6	$\mathcal{O}(6; \{6^7, 3^{14}, 2^{13}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^7, 3^{17}, 2^9\})$	12173450596540416
6	$\mathcal{O}(6; \{6^7, 3^{20}, 2^5\})$	97387591711629312
6	$\mathcal{O}(6; \{6^7, 3^{23}, 2\})$	779100746753728512
6	$\mathcal{O}(6; \{6^8, 2^{30}\})$	187203280896
6	$\mathcal{O}(6; \{6^8, 3^3, 2^{26}\})$	1484565553152
6	$\mathcal{O}(6; \{6^8, 3^6, 2^{22}\})$	11889585119232
6	$\mathcal{O}(6; \{6^8, 3^9, 2^{18}\})$	95103620259840
6	$\mathcal{O}(6; \{6^8, 3^{12}, 2^{14}\})$	760842022772736
6	$\mathcal{O}(6; \{6^8, 3^{15}, 2^{10}\})$	6086723121487872
6	$\mathcal{O}(6; \{6^8, 3^{18}, 2^6\})$	48693798032596992
6	$\mathcal{O}(6; \{6^8, 3^{21}, 2^2\})$	389550371200081920

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{6^9, 3, 2^{27}\})$	744459558912
6	$\mathcal{O}(6; \{6^9, 3^4, 2^{23}\})$	5942615777280
6	$\mathcal{O}(6; \{6^9, 3^7, 2^{19}\})$	47553986912256
6	$\mathcal{O}(6; \{6^9, 3^{10}, 2^{15}\})$	380418834604032
6	$\mathcal{O}(6; \{6^9, 3^{13}, 2^{11}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^9, 3^{16}, 2^7\})$	24346896839516160
6	$\mathcal{O}(6; \{6^9, 3^{19}, 2^3\})$	194775187776823296
6	$\mathcal{O}(6; \{6^{10}, 3^2, 2^{24}\})$	2973484670976
6	$\mathcal{O}(6; \{6^{10}, 3^5, 2^{20}\})$	23774816673792
6	$\mathcal{O}(6; \{6^{10}, 3^8, 2^{16}\})$	190211594084352
6	$\mathcal{O}(6; \{6^{10}, 3^{11}, 2^{12}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{10}, 3^{14}, 2^8\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{10}, 3^{17}, 2^4\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{10}, 3^{20}\})$	779100746753728512
6	$\mathcal{O}(6; \{6^{11}, 2^{25}\})$	1484565553152
6	$\mathcal{O}(6; \{6^{11}, 3^3, 2^{21}\})$	11889585119232
6	$\mathcal{O}(6; \{6^{11}, 3^6, 2^{17}\})$	95103620259840
6	$\mathcal{O}(6; \{6^{11}, 3^9, 2^{13}\})$	760842022772736
6	$\mathcal{O}(6; \{6^{11}, 3^{12}, 2^9\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{11}, 3^{15}, 2^5\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{11}, 3^{18}, 2\})$	389550371200081920
6	$\mathcal{O}(6; \{6^{12}, 3, 2^{22}\})$	5942615777280
6	$\mathcal{O}(6; \{6^{12}, 3^4, 2^{18}\})$	47553986912256
6	$\mathcal{O}(6; \{6^{12}, 3^7, 2^{14}\})$	380418834604032
6	$\mathcal{O}(6; \{6^{12}, 3^{10}, 2^{10}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{12}, 3^{13}, 2^6\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{12}, 3^{16}, 2^2\})$	194775187776823296
6	$\mathcal{O}(6; \{6^{13}, 3^2, 2^{19}\})$	23774816673792
6	$\mathcal{O}(6; \{6^{13}, 3^5, 2^{15}\})$	190211594084352
6	$\mathcal{O}(6; \{6^{13}, 3^8, 2^{11}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{13}, 3^{11}, 2^7\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{13}, 3^{14}, 2^3\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{14}, 2^{20}\})$	11889585119232
6	$\mathcal{O}(6; \{6^{14}, 3^3, 2^{16}\})$	95103620259840
6	$\mathcal{O}(6; \{6^{14}, 3^6, 2^{12}\})$	760842022772736
6	$\mathcal{O}(6; \{6^{14}, 3^9, 2^8\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{14}, 3^{12}, 2^4\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{14}, 3^{15}\})$	389550371200081920
6	$\mathcal{O}(6; \{6^{15}, 3, 2^{17}\})$	47553986912256
6	$\mathcal{O}(6; \{6^{15}, 3^4, 2^{13}\})$	380418834604032
6	$\mathcal{O}(6; \{6^{15}, 3^7, 2^9\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{15}, 3^{10}, 2^5\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{15}, 3^{13}, 2\})$	194775187776823296

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{6^{16}, 3^2, 2^{14}\})$	190211594084352
6	$\mathcal{O}(6; \{6^{16}, 3^5, 2^{10}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{16}, 3^8, 2^6\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{16}, 3^{11}, 2^2\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{17}, 2^{15}\})$	95103620259840
6	$\mathcal{O}(6; \{6^{17}, 3^3, 2^{11}\})$	760842022772736
6	$\mathcal{O}(6; \{6^{17}, 3^6, 2^7\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{17}, 3^9, 2^3\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{18}, 3, 2^{12}\})$	380418834604032
6	$\mathcal{O}(6; \{6^{18}, 3^4, 2^8\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{18}, 3^7, 2^4\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{18}, 3^{10}\})$	194775187776823296
6	$\mathcal{O}(6; \{6^{19}, 3^2, 2^9\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{19}, 3^5, 2^5\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{19}, 3^8, 2\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{20}, 2^{10}\})$	760842022772736
6	$\mathcal{O}(6; \{6^{20}, 3^3, 2^6\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{20}, 3^6, 2^2\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{21}, 3, 2^7\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{21}, 3^4, 2^3\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{22}, 3^2, 2^4\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{22}, 3^5\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{23}, 2^5\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{23}, 3^3, 2\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{24}, 3, 2^2\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{26}\})$	48693798032596992
6	$\mathcal{O}(5; \{3^4, 2^{42}\})$	362797056
6	$\mathcal{O}(5; \{3^7, 2^{38}\})$	2539579392
6	$\mathcal{O}(5; \{3^{10}, 2^{34}\})$	20679432192
6	$\mathcal{O}(5; \{3^{13}, 2^{30}\})$	165072660480
6	$\mathcal{O}(5; \{3^{16}, 2^{26}\})$	1320944080896
6	$\mathcal{O}(5; \{3^{19}, 2^{22}\})$	10567189850112
6	$\mathcal{O}(5; \{3^{22}, 2^{18}\})$	84537881597952
6	$\mathcal{O}(5; \{3^{25}, 2^{14}\})$	676302689986560
6	$\mathcal{O}(5; \{3^{28}, 2^{10}\})$	5410421882689536
6	$\mathcal{O}(5; \{3^{31}, 2^6\})$	43283374698719232
6	$\mathcal{O}(5; \{3^{34}, 2^2\})$	346266997952550912
6	$\mathcal{O}(5; \{6, 3^2, 2^{43}\})$	120932352
6	$\mathcal{O}(5; \{6, 3^5, 2^{39}\})$	1330255872
6	$\mathcal{O}(5; \{6, 3^8, 2^{35}\})$	10279249920
6	$\mathcal{O}(5; \{6, 3^{11}, 2^{31}\})$	82596796416
6	$\mathcal{O}(5; \{6, 3^{14}, 2^{27}\})$	660411574272
6	$\mathcal{O}(5; \{6, 3^{17}, 2^{23}\})$	5283655391232

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6, 3^{20}, 2^{19}\})$	42268880332800
6	$\mathcal{O}(5; \{6, 3^{23}, 2^{15}\})$	338151405459456
6	$\mathcal{O}(5; \{6, 3^{26}, 2^{11}\})$	2705210880878592
6	$\mathcal{O}(5; \{6, 3^{29}, 2^7\})$	21641687409825792
6	$\mathcal{O}(5; \{6, 3^{32}, 2^3\})$	173133498915809280
6	$\mathcal{O}(5; \{6^2, 2^{44}\})$	120932352
6	$\mathcal{O}(5; \{6^2, 3^3, 2^{40}\})$	604661760
6	$\mathcal{O}(5; \{6^2, 3^6, 2^{36}\})$	5200091136
6	$\mathcal{O}(5; \{6^2, 3^9, 2^{32}\})$	41237932032
6	$\mathcal{O}(5; \{6^2, 3^{12}, 2^{28}\})$	330266253312
6	$\mathcal{O}(5; \{6^2, 3^{15}, 2^{24}\})$	2641767229440
6	$\mathcal{O}(5; \{6^2, 3^{18}, 2^{20}\})$	21134500632576
6	$\mathcal{O}(5; \{6^2, 3^{21}, 2^{16}\})$	169075642263552
6	$\mathcal{O}(5; \{6^2, 3^{24}, 2^{12}\})$	1352605500905472
6	$\mathcal{O}(5; \{6^2, 3^{27}, 2^8\})$	10820843644446720
6	$\mathcal{O}(5; \{6^2, 3^{30}, 2^4\})$	86566749518370816
6	$\mathcal{O}(5; \{6^2, 3^{33}\})$	692533995784169472
6	$\mathcal{O}(5; \{6^3, 3, 2^{41}\})$	362797056
6	$\mathcal{O}(5; \{6^3, 3^4, 2^{37}\})$	2539579392
6	$\mathcal{O}(5; \{6^3, 3^7, 2^{33}\})$	20679432192
6	$\mathcal{O}(5; \{6^3, 3^{10}, 2^{29}\})$	165072660480
6	$\mathcal{O}(5; \{6^3, 3^{13}, 2^{25}\})$	1320944080896
6	$\mathcal{O}(5; \{6^3, 3^{16}, 2^{21}\})$	10567189850112
6	$\mathcal{O}(5; \{6^3, 3^{19}, 2^{17}\})$	84537881597952
6	$\mathcal{O}(5; \{6^3, 3^{22}, 2^{13}\})$	676302689986560
6	$\mathcal{O}(5; \{6^3, 3^{25}, 2^9\})$	5410421882689536
6	$\mathcal{O}(5; \{6^3, 3^{28}, 2^5\})$	43283374698719232
6	$\mathcal{O}(5; \{6^3, 3^{31}, 2\})$	346266997952550912
6	$\mathcal{O}(5; \{6^4, 3^2, 2^{38}\})$	1330255872
6	$\mathcal{O}(5; \{6^4, 3^5, 2^{34}\})$	10279249920
6	$\mathcal{O}(5; \{6^4, 3^8, 2^{30}\})$	82596796416
6	$\mathcal{O}(5; \{6^4, 3^{11}, 2^{26}\})$	660411574272
6	$\mathcal{O}(5; \{6^4, 3^{14}, 2^{22}\})$	5283655391232
6	$\mathcal{O}(5; \{6^4, 3^{17}, 2^{18}\})$	42268880332800
6	$\mathcal{O}(5; \{6^4, 3^{20}, 2^{14}\})$	338151405459456
6	$\mathcal{O}(5; \{6^4, 3^{23}, 2^{10}\})$	2705210880878592
6	$\mathcal{O}(5; \{6^4, 3^{26}, 2^6\})$	21641687409825792
6	$\mathcal{O}(5; \{6^4, 3^{29}, 2^2\})$	173133498915809280
6	$\mathcal{O}(5; \{6^5, 2^{39}\})$	604661760
6	$\mathcal{O}(5; \{6^5, 3^3, 2^{35}\})$	5200091136
6	$\mathcal{O}(5; \{6^5, 3^6, 2^{31}\})$	41237932032
6	$\mathcal{O}(5; \{6^5, 3^9, 2^{27}\})$	330266253312
6	$\mathcal{O}(5; \{6^5, 3^{12}, 2^{23}\})$	2641767229440

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6^5, 3^{15}, 2^{19}\})$	21134500632576
6	$\mathcal{O}(5; \{6^5, 3^{18}, 2^{15}\})$	169075642263552
6	$\mathcal{O}(5; \{6^5, 3^{21}, 2^{11}\})$	1352605500905472
6	$\mathcal{O}(5; \{6^5, 3^{24}, 2^7\})$	10820843644446720
6	$\mathcal{O}(5; \{6^5, 3^{27}, 2^3\})$	86566749518370816
6	$\mathcal{O}(5; \{6^6, 3, 2^{36}\})$	2539579392
6	$\mathcal{O}(5; \{6^6, 3^4, 2^{32}\})$	20679432192
6	$\mathcal{O}(5; \{6^6, 3^7, 2^{28}\})$	165072660480
6	$\mathcal{O}(5; \{6^6, 3^{10}, 2^{24}\})$	1320944080896
6	$\mathcal{O}(5; \{6^6, 3^{13}, 2^{20}\})$	10567189850112
6	$\mathcal{O}(5; \{6^6, 3^{16}, 2^{16}\})$	84537881597952
6	$\mathcal{O}(5; \{6^6, 3^{19}, 2^{12}\})$	676302689986560
6	$\mathcal{O}(5; \{6^6, 3^{22}, 2^8\})$	5410421882689536
6	$\mathcal{O}(5; \{6^6, 3^{25}, 2^4\})$	43283374698719232
6	$\mathcal{O}(5; \{6^6, 3^{28}\})$	346266997952550912
6	$\mathcal{O}(5; \{6^7, 3^2, 2^{33}\})$	10279249920
6	$\mathcal{O}(5; \{6^7, 3^5, 2^{29}\})$	82596796416
6	$\mathcal{O}(5; \{6^7, 3^8, 2^{25}\})$	660411574272
6	$\mathcal{O}(5; \{6^7, 3^{11}, 2^{21}\})$	5283655391232
6	$\mathcal{O}(5; \{6^7, 3^{14}, 2^{17}\})$	42268880332800
6	$\mathcal{O}(5; \{6^7, 3^{17}, 2^{13}\})$	338151405459456
6	$\mathcal{O}(5; \{6^7, 3^{20}, 2^9\})$	2705210880878592
6	$\mathcal{O}(5; \{6^7, 3^{23}, 2^5\})$	21641687409825792
6	$\mathcal{O}(5; \{6^7, 3^{26}, 2\})$	173133498915809280
6	$\mathcal{O}(5; \{6^8, 2^{34}\})$	5200091136
6	$\mathcal{O}(5; \{6^8, 3^3, 2^{30}\})$	41237932032
6	$\mathcal{O}(5; \{6^8, 3^6, 2^{26}\})$	330266253312
6	$\mathcal{O}(5; \{6^8, 3^9, 2^{22}\})$	2641767229440
6	$\mathcal{O}(5; \{6^8, 3^{12}, 2^{18}\})$	21134500632576
6	$\mathcal{O}(5; \{6^8, 3^{15}, 2^{14}\})$	169075642263552
6	$\mathcal{O}(5; \{6^8, 3^{18}, 2^{10}\})$	1352605500905472
6	$\mathcal{O}(5; \{6^8, 3^{21}, 2^6\})$	10820843644446720
6	$\mathcal{O}(5; \{6^8, 3^{24}, 2^2\})$	86566749518370816
6	$\mathcal{O}(5; \{6^9, 3, 2^{31}\})$	20679432192
6	$\mathcal{O}(5; \{6^9, 3^4, 2^{27}\})$	165072660480
6	$\mathcal{O}(5; \{6^9, 3^7, 2^{23}\})$	1320944080896
6	$\mathcal{O}(5; \{6^9, 3^{10}, 2^{19}\})$	10567189850112
6	$\mathcal{O}(5; \{6^9, 3^{13}, 2^{15}\})$	84537881597952
6	$\mathcal{O}(5; \{6^9, 3^{16}, 2^{11}\})$	676302689986560
6	$\mathcal{O}(5; \{6^9, 3^{19}, 2^7\})$	5410421882689536
6	$\mathcal{O}(5; \{6^9, 3^{22}, 2^3\})$	43283374698719232
6	$\mathcal{O}(5; \{6^{10}, 3^2, 2^{28}\})$	82596796416
6	$\mathcal{O}(5; \{6^{10}, 3^5, 2^{24}\})$	660411574272

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6^{10}, 3^8, 2^{20}\})$	5283655391232
6	$\mathcal{O}(5; \{6^{10}, 3^{11}, 2^{16}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{10}, 3^{14}, 2^{12}\})$	338151405459456
6	$\mathcal{O}(5; \{6^{10}, 3^{17}, 2^8\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{10}, 3^{20}, 2^4\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{10}, 3^{23}\})$	173133498915809280
6	$\mathcal{O}(5; \{6^{11}, 2^{29}\})$	41237932032
6	$\mathcal{O}(5; \{6^{11}, 3^3, 2^{25}\})$	330266253312
6	$\mathcal{O}(5; \{6^{11}, 3^6, 2^{21}\})$	2641767229440
6	$\mathcal{O}(5; \{6^{11}, 3^9, 2^{17}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{11}, 3^{12}, 2^{13}\})$	169075642263552
6	$\mathcal{O}(5; \{6^{11}, 3^{15}, 2^9\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{11}, 3^{18}, 2^5\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{11}, 3^{21}, 2\})$	86566749518370816
6	$\mathcal{O}(5; \{6^{12}, 3, 2^{26}\})$	165072660480
6	$\mathcal{O}(5; \{6^{12}, 3^4, 2^{22}\})$	1320944080896
6	$\mathcal{O}(5; \{6^{12}, 3^7, 2^{18}\})$	10567189850112
6	$\mathcal{O}(5; \{6^{12}, 3^{10}, 2^{14}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{12}, 3^{13}, 2^{10}\})$	676302689986560
6	$\mathcal{O}(5; \{6^{12}, 3^{16}, 2^6\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{12}, 3^{19}, 2^2\})$	43283374698719232
6	$\mathcal{O}(5; \{6^{13}, 3^2, 2^{23}\})$	660411574272
6	$\mathcal{O}(5; \{6^{13}, 3^5, 2^{19}\})$	5283655391232
6	$\mathcal{O}(5; \{6^{13}, 3^8, 2^{15}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{13}, 3^{11}, 2^{11}\})$	338151405459456
6	$\mathcal{O}(5; \{6^{13}, 3^{14}, 2^7\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{13}, 3^{17}, 2^3\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{14}, 2^{24}\})$	330266253312
6	$\mathcal{O}(5; \{6^{14}, 3^3, 2^{20}\})$	2641767229440
6	$\mathcal{O}(5; \{6^{14}, 3^6, 2^{16}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{14}, 3^9, 2^{12}\})$	169075642263552
6	$\mathcal{O}(5; \{6^{14}, 3^{12}, 2^8\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{14}, 3^{15}, 2^4\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{14}, 3^{18}\})$	86566749518370816
6	$\mathcal{O}(5; \{6^{15}, 3, 2^{21}\})$	1320944080896
6	$\mathcal{O}(5; \{6^{15}, 3^4, 2^{17}\})$	10567189850112
6	$\mathcal{O}(5; \{6^{15}, 3^7, 2^{13}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{15}, 3^{10}, 2^9\})$	676302689986560
6	$\mathcal{O}(5; \{6^{15}, 3^{13}, 2^5\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{15}, 3^{16}, 2\})$	43283374698719232
6	$\mathcal{O}(5; \{6^{16}, 3^2, 2^{18}\})$	5283655391232
6	$\mathcal{O}(5; \{6^{16}, 3^5, 2^{14}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{16}, 3^8, 2^{10}\})$	338151405459456

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6^{16}, 3^{11}, 2^6\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{16}, 3^{14}, 2^2\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{17}, 2^{19}\})$	2641767229440
6	$\mathcal{O}(5; \{6^{17}, 3^3, 2^{15}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{17}, 3^6, 2^{11}\})$	169075642263552
6	$\mathcal{O}(5; \{6^{17}, 3^9, 2^7\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{17}, 3^{12}, 2^3\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{18}, 3, 2^{16}\})$	10567189850112
6	$\mathcal{O}(5; \{6^{18}, 3^4, 2^{12}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{18}, 3^7, 2^8\})$	676302689986560
6	$\mathcal{O}(5; \{6^{18}, 3^{10}, 2^4\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{18}, 3^{13}\})$	43283374698719232
6	$\mathcal{O}(5; \{6^{19}, 3^2, 2^{13}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{19}, 3^5, 2^9\})$	338151405459456
6	$\mathcal{O}(5; \{6^{19}, 3^8, 2^5\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{19}, 3^{11}, 2\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{20}, 2^{14}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{20}, 3^3, 2^{10}\})$	169075642263552
6	$\mathcal{O}(5; \{6^{20}, 3^6, 2^6\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{20}, 3^9, 2^2\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{21}, 3, 2^{11}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{21}, 3^4, 2^7\})$	676302689986560
6	$\mathcal{O}(5; \{6^{21}, 3^7, 2^3\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{22}, 3^2, 2^8\})$	338151405459456
6	$\mathcal{O}(5; \{6^{22}, 3^5, 2^4\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{22}, 3^8\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{23}, 2^9\})$	169075642263552
6	$\mathcal{O}(5; \{6^{23}, 3^3, 2^5\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{23}, 3^6, 2\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{24}, 3, 2^6\})$	676302689986560
6	$\mathcal{O}(5; \{6^{24}, 3^4, 2^2\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{25}, 3^2, 2^3\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{26}, 2^4\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{26}, 3^3\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{27}, 3, 2\})$	5410421882689536
6	$\mathcal{O}(4; \{3^4, 2^{46}\})$	10077696
6	$\mathcal{O}(4; \{3^7, 2^{42}\})$	70543872
6	$\mathcal{O}(4; \{3^{10}, 2^{38}\})$	574428672
6	$\mathcal{O}(4; \{3^{13}, 2^{34}\})$	4585351680
6	$\mathcal{O}(4; \{3^{16}, 2^{30}\})$	36692891136
6	$\mathcal{O}(4; \{3^{19}, 2^{26}\})$	293533051392
6	$\mathcal{O}(4; \{3^{22}, 2^{22}\})$	2348274488832
6	$\mathcal{O}(4; \{3^{25}, 2^{18}\})$	18786185832960

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{3^{28}, 2^{14}\})$	150289496741376
6	$\mathcal{O}(4; \{3^{31}, 2^{10}\})$	1202315963853312
6	$\mathcal{O}(4; \{3^{34}, 2^6\})$	9618527720904192
6	$\mathcal{O}(4; \{3^{37}, 2^2\})$	76948221757155840
6	$\mathcal{O}(4; \{6, 3^2, 2^{47}\})$	3359232
6	$\mathcal{O}(4; \{6, 3^5, 2^{43}\})$	36951552
6	$\mathcal{O}(4; \{6, 3^8, 2^{39}\})$	285534720
6	$\mathcal{O}(4; \{6, 3^{11}, 2^{35}\})$	2294355456
6	$\mathcal{O}(4; \{6, 3^{14}, 2^{31}\})$	18344765952
6	$\mathcal{O}(4; \{6, 3^{17}, 2^{27}\})$	146768205312
6	$\mathcal{O}(4; \{6, 3^{20}, 2^{23}\})$	1174135564800
6	$\mathcal{O}(4; \{6, 3^{23}, 2^{19}\})$	9393094596096
6	$\mathcal{O}(4; \{6, 3^{26}, 2^{15}\})$	75144746691072
6	$\mathcal{O}(4; \{6, 3^{29}, 2^{11}\})$	601157983606272
6	$\mathcal{O}(4; \{6, 3^{32}, 2^7\})$	4809263858772480
6	$\mathcal{O}(4; \{6, 3^{35}, 2^3\})$	38474110880257536
6	$\mathcal{O}(4; \{6^2, 2^{48}\})$	3359232
6	$\mathcal{O}(4; \{6^2, 3^3, 2^{44}\})$	16796160
6	$\mathcal{O}(4; \{6^2, 3^6, 2^{40}\})$	144446976
6	$\mathcal{O}(4; \{6^2, 3^9, 2^{36}\})$	1145498112
6	$\mathcal{O}(4; \{6^2, 3^{12}, 2^{32}\})$	9174062592
6	$\mathcal{O}(4; \{6^2, 3^{15}, 2^{28}\})$	73382423040
6	$\mathcal{O}(4; \{6^2, 3^{18}, 2^{24}\})$	587069462016
6	$\mathcal{O}(4; \{6^2, 3^{21}, 2^{20}\})$	4696545618432
6	$\mathcal{O}(4; \{6^2, 3^{24}, 2^{16}\})$	37572375025152
6	$\mathcal{O}(4; \{6^2, 3^{27}, 2^{12}\})$	300578990123520
6	$\mathcal{O}(4; \{6^2, 3^{30}, 2^8\})$	2404631931065856
6	$\mathcal{O}(4; \{6^2, 3^{33}, 2^4\})$	19237055438449152
6	$\mathcal{O}(4; \{6^2, 3^{36}\})$	153896443517670912
6	$\mathcal{O}(4; \{6^3, 3, 2^{45}\})$	10077696
6	$\mathcal{O}(4; \{6^3, 3^4, 2^{41}\})$	70543872
6	$\mathcal{O}(4; \{6^3, 3^7, 2^{37}\})$	574428672
6	$\mathcal{O}(4; \{6^3, 3^{10}, 2^{33}\})$	4585351680
6	$\mathcal{O}(4; \{6^3, 3^{13}, 2^{29}\})$	36692891136
6	$\mathcal{O}(4; \{6^3, 3^{16}, 2^{25}\})$	293533051392
6	$\mathcal{O}(4; \{6^3, 3^{19}, 2^{21}\})$	2348274488832
6	$\mathcal{O}(4; \{6^3, 3^{22}, 2^{17}\})$	18786185832960
6	$\mathcal{O}(4; \{6^3, 3^{25}, 2^{13}\})$	150289496741376
6	$\mathcal{O}(4; \{6^3, 3^{28}, 2^9\})$	1202315963853312
6	$\mathcal{O}(4; \{6^3, 3^{31}, 2^5\})$	9618527720904192
6	$\mathcal{O}(4; \{6^3, 3^{34}, 2\})$	76948221757155840
6	$\mathcal{O}(4; \{6^4, 3^2, 2^{42}\})$	36951552
6	$\mathcal{O}(4; \{6^4, 3^5, 2^{38}\})$	285534720

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^4, 3^8, 2^{34}\})$	2294355456
6	$\mathcal{O}(4; \{6^4, 3^{11}, 2^{30}\})$	18344765952
6	$\mathcal{O}(4; \{6^4, 3^{14}, 2^{26}\})$	146768205312
6	$\mathcal{O}(4; \{6^4, 3^{17}, 2^{22}\})$	1174135564800
6	$\mathcal{O}(4; \{6^4, 3^{20}, 2^{18}\})$	9393094596096
6	$\mathcal{O}(4; \{6^4, 3^{23}, 2^{14}\})$	75144746691072
6	$\mathcal{O}(4; \{6^4, 3^{26}, 2^{10}\})$	601157983606272
6	$\mathcal{O}(4; \{6^4, 3^{29}, 2^6\})$	4809263858772480
6	$\mathcal{O}(4; \{6^4, 3^{32}, 2^2\})$	38474110880257536
6	$\mathcal{O}(4; \{6^5, 2^{43}\})$	16796160
6	$\mathcal{O}(4; \{6^5, 3^3, 2^{39}\})$	144446976
6	$\mathcal{O}(4; \{6^5, 3^6, 2^{35}\})$	1145498112
6	$\mathcal{O}(4; \{6^5, 3^9, 2^{31}\})$	9174062592
6	$\mathcal{O}(4; \{6^5, 3^{12}, 2^{27}\})$	73382423040
6	$\mathcal{O}(4; \{6^5, 3^{15}, 2^{23}\})$	587069462016
6	$\mathcal{O}(4; \{6^5, 3^{18}, 2^{19}\})$	4696545618432
6	$\mathcal{O}(4; \{6^5, 3^{21}, 2^{15}\})$	37572375025152
6	$\mathcal{O}(4; \{6^5, 3^{24}, 2^{11}\})$	300578990123520
6	$\mathcal{O}(4; \{6^5, 3^{27}, 2^7\})$	2404631931065856
6	$\mathcal{O}(4; \{6^5, 3^{30}, 2^3\})$	19237055438449152
6	$\mathcal{O}(4; \{6^6, 3, 2^{40}\})$	70543872
6	$\mathcal{O}(4; \{6^6, 3^4, 2^{36}\})$	574428672
6	$\mathcal{O}(4; \{6^6, 3^7, 2^{32}\})$	4585351680
6	$\mathcal{O}(4; \{6^6, 3^{10}, 2^{28}\})$	36692891136
6	$\mathcal{O}(4; \{6^6, 3^{13}, 2^{24}\})$	293533051392
6	$\mathcal{O}(4; \{6^6, 3^{16}, 2^{20}\})$	2348274488832
6	$\mathcal{O}(4; \{6^6, 3^{19}, 2^{16}\})$	18786185832960
6	$\mathcal{O}(4; \{6^6, 3^{22}, 2^{12}\})$	150289496741376
6	$\mathcal{O}(4; \{6^6, 3^{25}, 2^8\})$	1202315963853312
6	$\mathcal{O}(4; \{6^6, 3^{28}, 2^4\})$	9618527720904192
6	$\mathcal{O}(4; \{6^6, 3^{31}\})$	76948221757155840
6	$\mathcal{O}(4; \{6^7, 3^2, 2^{37}\})$	285534720
6	$\mathcal{O}(4; \{6^7, 3^5, 2^{33}\})$	2294355456
6	$\mathcal{O}(4; \{6^7, 3^8, 2^{29}\})$	18344765952
6	$\mathcal{O}(4; \{6^7, 3^{11}, 2^{25}\})$	146768205312
6	$\mathcal{O}(4; \{6^7, 3^{14}, 2^{21}\})$	1174135564800
6	$\mathcal{O}(4; \{6^7, 3^{17}, 2^{17}\})$	9393094596096
6	$\mathcal{O}(4; \{6^7, 3^{20}, 2^{13}\})$	75144746691072
6	$\mathcal{O}(4; \{6^7, 3^{23}, 2^9\})$	601157983606272
6	$\mathcal{O}(4; \{6^7, 3^{26}, 2^5\})$	4809263858772480
6	$\mathcal{O}(4; \{6^7, 3^{29}, 2\})$	38474110880257536
6	$\mathcal{O}(4; \{6^8, 2^{38}\})$	144446976
6	$\mathcal{O}(4; \{6^8, 3^3, 2^{34}\})$	1145498112

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^8, 3^6, 2^{30}\})$	9174062592
6	$\mathcal{O}(4; \{6^8, 3^9, 2^{26}\})$	73382423040
6	$\mathcal{O}(4; \{6^8, 3^{12}, 2^{22}\})$	587069462016
6	$\mathcal{O}(4; \{6^8, 3^{15}, 2^{18}\})$	4696545618432
6	$\mathcal{O}(4; \{6^8, 3^{18}, 2^{14}\})$	37572375025152
6	$\mathcal{O}(4; \{6^8, 3^{21}, 2^{10}\})$	300578990123520
6	$\mathcal{O}(4; \{6^8, 3^{24}, 2^6\})$	2404631931065856
6	$\mathcal{O}(4; \{6^8, 3^{27}, 2^2\})$	19237055438449152
6	$\mathcal{O}(4; \{6^9, 3, 2^{35}\})$	574428672
6	$\mathcal{O}(4; \{6^9, 3^4, 2^{31}\})$	4585351680
6	$\mathcal{O}(4; \{6^9, 3^7, 2^{27}\})$	36692891136
6	$\mathcal{O}(4; \{6^9, 3^{10}, 2^{23}\})$	293533051392
6	$\mathcal{O}(4; \{6^9, 3^{13}, 2^{19}\})$	2348274488832
6	$\mathcal{O}(4; \{6^9, 3^{16}, 2^{15}\})$	18786185832960
6	$\mathcal{O}(4; \{6^9, 3^{19}, 2^{11}\})$	150289496741376
6	$\mathcal{O}(4; \{6^9, 3^{22}, 2^7\})$	1202315963853312
6	$\mathcal{O}(4; \{6^9, 3^{25}, 2^3\})$	9618527720904192
6	$\mathcal{O}(4; \{6^{10}, 3^2, 2^{32}\})$	2294355456
6	$\mathcal{O}(4; \{6^{10}, 3^5, 2^{28}\})$	18344765952
6	$\mathcal{O}(4; \{6^{10}, 3^8, 2^{24}\})$	146768205312
6	$\mathcal{O}(4; \{6^{10}, 3^{11}, 2^{20}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{10}, 3^{14}, 2^{16}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{10}, 3^{17}, 2^{12}\})$	75144746691072
6	$\mathcal{O}(4; \{6^{10}, 3^{20}, 2^8\})$	601157983606272
6	$\mathcal{O}(4; \{6^{10}, 3^{23}, 2^4\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{10}, 3^{26}\})$	38474110880257536
6	$\mathcal{O}(4; \{6^{11}, 2^{33}\})$	1145498112
6	$\mathcal{O}(4; \{6^{11}, 3^3, 2^{29}\})$	9174062592
6	$\mathcal{O}(4; \{6^{11}, 3^6, 2^{25}\})$	73382423040
6	$\mathcal{O}(4; \{6^{11}, 3^9, 2^{21}\})$	587069462016
6	$\mathcal{O}(4; \{6^{11}, 3^{12}, 2^{17}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{11}, 3^{15}, 2^{13}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{11}, 3^{18}, 2^9\})$	300578990123520
6	$\mathcal{O}(4; \{6^{11}, 3^{21}, 2^5\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{11}, 3^{24}, 2\})$	19237055438449152
6	$\mathcal{O}(4; \{6^{12}, 3, 2^{30}\})$	4585351680
6	$\mathcal{O}(4; \{6^{12}, 3^4, 2^{26}\})$	36692891136
6	$\mathcal{O}(4; \{6^{12}, 3^7, 2^{22}\})$	293533051392
6	$\mathcal{O}(4; \{6^{12}, 3^{10}, 2^{18}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{12}, 3^{13}, 2^{14}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{12}, 3^{16}, 2^{10}\})$	150289496741376
6	$\mathcal{O}(4; \{6^{12}, 3^{19}, 2^6\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{12}, 3^{22}, 2^2\})$	9618527720904192

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^{13}, 3^2, 2^{27}\})$	18344765952
6	$\mathcal{O}(4; \{6^{13}, 3^5, 2^{23}\})$	146768205312
6	$\mathcal{O}(4; \{6^{13}, 3^8, 2^{19}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{13}, 3^{11}, 2^{15}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{13}, 3^{14}, 2^{11}\})$	75144746691072
6	$\mathcal{O}(4; \{6^{13}, 3^{17}, 2^7\})$	601157983606272
6	$\mathcal{O}(4; \{6^{13}, 3^{20}, 2^3\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{14}, 2^{28}\})$	9174062592
6	$\mathcal{O}(4; \{6^{14}, 3^3, 2^{24}\})$	73382423040
6	$\mathcal{O}(4; \{6^{14}, 3^6, 2^{20}\})$	587069462016
6	$\mathcal{O}(4; \{6^{14}, 3^9, 2^{16}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{14}, 3^{12}, 2^{12}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{14}, 3^{15}, 2^8\})$	300578990123520
6	$\mathcal{O}(4; \{6^{14}, 3^{18}, 2^4\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{14}, 3^{21}\})$	19237055438449152
6	$\mathcal{O}(4; \{6^{15}, 3, 2^{25}\})$	36692891136
6	$\mathcal{O}(4; \{6^{15}, 3^4, 2^{21}\})$	293533051392
6	$\mathcal{O}(4; \{6^{15}, 3^7, 2^{17}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{15}, 3^{10}, 2^{13}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{15}, 3^{13}, 2^9\})$	150289496741376
6	$\mathcal{O}(4; \{6^{15}, 3^{16}, 2^5\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{15}, 3^{19}, 2\})$	9618527720904192
6	$\mathcal{O}(4; \{6^{16}, 3^2, 2^{22}\})$	146768205312
6	$\mathcal{O}(4; \{6^{16}, 3^5, 2^{18}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{16}, 3^8, 2^{14}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{16}, 3^{11}, 2^{10}\})$	75144746691072
6	$\mathcal{O}(4; \{6^{16}, 3^{14}, 2^6\})$	601157983606272
6	$\mathcal{O}(4; \{6^{16}, 3^{17}, 2^2\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{17}, 2^{23}\})$	73382423040
6	$\mathcal{O}(4; \{6^{17}, 3^3, 2^{19}\})$	587069462016
6	$\mathcal{O}(4; \{6^{17}, 3^6, 2^{15}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{17}, 3^9, 2^{11}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{17}, 3^{12}, 2^7\})$	300578990123520
6	$\mathcal{O}(4; \{6^{17}, 3^{15}, 2^3\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{18}, 3, 2^{20}\})$	293533051392
6	$\mathcal{O}(4; \{6^{18}, 3^4, 2^{16}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{18}, 3^7, 2^{12}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{18}, 3^{10}, 2^8\})$	150289496741376
6	$\mathcal{O}(4; \{6^{18}, 3^{13}, 2^4\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{18}, 3^{16}\})$	9618527720904192
6	$\mathcal{O}(4; \{6^{19}, 3^2, 2^{17}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{19}, 3^5, 2^{13}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{19}, 3^8, 2^9\})$	75144746691072

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^{19}, 3^{11}, 2^5\})$	601157983606272
6	$\mathcal{O}(4; \{6^{19}, 3^{14}, 2\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{20}, 2^{18}\})$	587069462016
6	$\mathcal{O}(4; \{6^{20}, 3^3, 2^{14}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{20}, 3^6, 2^{10}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{20}, 3^9, 2^6\})$	300578990123520
6	$\mathcal{O}(4; \{6^{20}, 3^{12}, 2^2\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{21}, 3, 2^{15}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{21}, 3^4, 2^{11}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{21}, 3^7, 2^7\})$	150289496741376
6	$\mathcal{O}(4; \{6^{21}, 3^{10}, 2^3\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{22}, 3^2, 2^{12}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{22}, 3^5, 2^8\})$	75144746691072
6	$\mathcal{O}(4; \{6^{22}, 3^8, 2^4\})$	601157983606272
6	$\mathcal{O}(4; \{6^{22}, 3^{11}\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{23}, 2^{13}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{23}, 3^3, 2^9\})$	37572375025152
6	$\mathcal{O}(4; \{6^{23}, 3^6, 2^5\})$	300578990123520
6	$\mathcal{O}(4; \{6^{23}, 3^9, 2\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{24}, 3, 2^{10}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{24}, 3^4, 2^6\})$	150289496741376
6	$\mathcal{O}(4; \{6^{24}, 3^7, 2^2\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{25}, 3^2, 2^7\})$	75144746691072
6	$\mathcal{O}(4; \{6^{25}, 3^5, 2^3\})$	601157983606272
6	$\mathcal{O}(4; \{6^{26}, 2^8\})$	37572375025152
6	$\mathcal{O}(4; \{6^{26}, 3^3, 2^4\})$	300578990123520
6	$\mathcal{O}(4; \{6^{26}, 3^6\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{27}, 3, 2^5\})$	150289496741376
6	$\mathcal{O}(4; \{6^{27}, 3^4, 2\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{28}, 3^2, 2^2\})$	601157983606272
6	$\mathcal{O}(4; \{6^{29}, 2^3\})$	300578990123520
6	$\mathcal{O}(4; \{6^{30}, 3\})$	1202315963853312
6	$\mathcal{O}(3; \{3^4, 2^{50}\})$	279936
6	$\mathcal{O}(3; \{3^7, 2^{46}\})$	1959552
6	$\mathcal{O}(3; \{3^{10}, 2^{42}\})$	15956352
6	$\mathcal{O}(3; \{3^{13}, 2^{38}\})$	127370880
6	$\mathcal{O}(3; \{3^{16}, 2^{34}\})$	1019246976
6	$\mathcal{O}(3; \{3^{19}, 2^{30}\})$	8153695872
6	$\mathcal{O}(3; \{3^{22}, 2^{26}\})$	65229846912
6	$\mathcal{O}(3; \{3^{25}, 2^{22}\})$	521838495360
6	$\mathcal{O}(3; \{3^{28}, 2^{18}\})$	4174708242816
6	$\mathcal{O}(3; \{3^{31}, 2^{14}\})$	33397665662592
6	$\mathcal{O}(3; \{3^{34}, 2^{10}\})$	267181325580672

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{3^{37}, 2^6\})$	2137450604365440
6	$\mathcal{O}(3; \{3^{40}, 2^2\})$	17099604835203456
6	$\mathcal{O}(3; \{6, 3^2, 2^{51}\})$	93312
6	$\mathcal{O}(3; \{6, 3^5, 2^{47}\})$	1026432
6	$\mathcal{O}(3; \{6, 3^8, 2^{43}\})$	7931520
6	$\mathcal{O}(3; \{6, 3^{11}, 2^{39}\})$	63732096
6	$\mathcal{O}(3; \{6, 3^{14}, 2^{35}\})$	509576832
6	$\mathcal{O}(3; \{6, 3^{17}, 2^{31}\})$	4076894592
6	$\mathcal{O}(3; \{6, 3^{20}, 2^{27}\})$	32614876800
6	$\mathcal{O}(3; \{6, 3^{23}, 2^{23}\})$	260919294336
6	$\mathcal{O}(3; \{6, 3^{26}, 2^{19}\})$	2087354074752
6	$\mathcal{O}(3; \{6, 3^{29}, 2^{15}\})$	16698832877952
6	$\mathcal{O}(3; \{6, 3^{32}, 2^{11}\})$	133590662743680
6	$\mathcal{O}(3; \{6, 3^{35}, 2^7\})$	1068725302229376
6	$\mathcal{O}(3; \{6, 3^{38}, 2^3\})$	8549802417555072
6	$\mathcal{O}(3; \{6^2, 2^{52}\})$	93312
6	$\mathcal{O}(3; \{6^2, 3^3, 2^{48}\})$	466560
6	$\mathcal{O}(3; \{6^2, 3^6, 2^{44}\})$	4012416
6	$\mathcal{O}(3; \{6^2, 3^9, 2^{40}\})$	31819392
6	$\mathcal{O}(3; \{6^2, 3^{12}, 2^{36}\})$	254835072
6	$\mathcal{O}(3; \{6^2, 3^{15}, 2^{32}\})$	2038400640
6	$\mathcal{O}(3; \{6^2, 3^{18}, 2^{28}\})$	16307485056
6	$\mathcal{O}(3; \{6^2, 3^{21}, 2^{24}\})$	130459600512
6	$\mathcal{O}(3; \{6^2, 3^{24}, 2^{20}\})$	1043677084032
6	$\mathcal{O}(3; \{6^2, 3^{27}, 2^{16}\})$	8349416392320
6	$\mathcal{O}(3; \{6^2, 3^{30}, 2^{12}\})$	66795331418496
6	$\mathcal{O}(3; \{6^2, 3^{33}, 2^8\})$	534362651068032
6	$\mathcal{O}(3; \{6^2, 3^{36}, 2^4\})$	4274901208824192
6	$\mathcal{O}(3; \{6^2, 3^{39}\})$	34199209670313600
6	$\mathcal{O}(3; \{6^3, 3, 2^{49}\})$	279936
6	$\mathcal{O}(3; \{6^3, 3^4, 2^{45}\})$	1959552
6	$\mathcal{O}(3; \{6^3, 3^7, 2^{41}\})$	15956352
6	$\mathcal{O}(3; \{6^3, 3^{10}, 2^{37}\})$	127370880
6	$\mathcal{O}(3; \{6^3, 3^{13}, 2^{33}\})$	1019246976
6	$\mathcal{O}(3; \{6^3, 3^{16}, 2^{29}\})$	8153695872
6	$\mathcal{O}(3; \{6^3, 3^{19}, 2^{25}\})$	65229846912
6	$\mathcal{O}(3; \{6^3, 3^{22}, 2^{21}\})$	521838495360
6	$\mathcal{O}(3; \{6^3, 3^{25}, 2^{17}\})$	4174708242816
6	$\mathcal{O}(3; \{6^3, 3^{28}, 2^{13}\})$	33397665662592
6	$\mathcal{O}(3; \{6^3, 3^{31}, 2^9\})$	267181325580672
6	$\mathcal{O}(3; \{6^3, 3^{34}, 2^5\})$	2137450604365440
6	$\mathcal{O}(3; \{6^3, 3^{37}, 2\})$	17099604835203456
6	$\mathcal{O}(3; \{6^4, 3^2, 2^{46}\})$	1026432

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^4, 3^5, 2^{42}\})$	7931520
6	$\mathcal{O}(3; \{6^4, 3^8, 2^{38}\})$	63732096
6	$\mathcal{O}(3; \{6^4, 3^{11}, 2^{34}\})$	509576832
6	$\mathcal{O}(3; \{6^4, 3^{14}, 2^{30}\})$	4076894592
6	$\mathcal{O}(3; \{6^4, 3^{17}, 2^{26}\})$	32614876800
6	$\mathcal{O}(3; \{6^4, 3^{20}, 2^{22}\})$	260919294336
6	$\mathcal{O}(3; \{6^4, 3^{23}, 2^{18}\})$	2087354074752
6	$\mathcal{O}(3; \{6^4, 3^{26}, 2^{14}\})$	16698832877952
6	$\mathcal{O}(3; \{6^4, 3^{29}, 2^{10}\})$	133590662743680
6	$\mathcal{O}(3; \{6^4, 3^{32}, 2^6\})$	1068725302229376
6	$\mathcal{O}(3; \{6^4, 3^{35}, 2^2\})$	8549802417555072
6	$\mathcal{O}(3; \{6^5, 2^{47}\})$	466560
6	$\mathcal{O}(3; \{6^5, 3^3, 2^{43}\})$	4012416
6	$\mathcal{O}(3; \{6^5, 3^6, 2^{39}\})$	31819392
6	$\mathcal{O}(3; \{6^5, 3^9, 2^{35}\})$	254835072
6	$\mathcal{O}(3; \{6^5, 3^{12}, 2^{31}\})$	2038400640
6	$\mathcal{O}(3; \{6^5, 3^{15}, 2^{27}\})$	16307485056
6	$\mathcal{O}(3; \{6^5, 3^{18}, 2^{23}\})$	130459600512
6	$\mathcal{O}(3; \{6^5, 3^{21}, 2^{19}\})$	1043677084032
6	$\mathcal{O}(3; \{6^5, 3^{24}, 2^{15}\})$	8349416392320
6	$\mathcal{O}(3; \{6^5, 3^{27}, 2^{11}\})$	66795331418496
6	$\mathcal{O}(3; \{6^5, 3^{30}, 2^7\})$	534362651068032
6	$\mathcal{O}(3; \{6^5, 3^{33}, 2^3\})$	4274901208824192
6	$\mathcal{O}(3; \{6^6, 3, 2^{44}\})$	1959552
6	$\mathcal{O}(3; \{6^6, 3^4, 2^{40}\})$	15956352
6	$\mathcal{O}(3; \{6^6, 3^7, 2^{36}\})$	127370880
6	$\mathcal{O}(3; \{6^6, 3^{10}, 2^{32}\})$	1019246976
6	$\mathcal{O}(3; \{6^6, 3^{13}, 2^{28}\})$	8153695872
6	$\mathcal{O}(3; \{6^6, 3^{16}, 2^{24}\})$	65229846912
6	$\mathcal{O}(3; \{6^6, 3^{19}, 2^{20}\})$	521838495360
6	$\mathcal{O}(3; \{6^6, 3^{22}, 2^{16}\})$	4174708242816
6	$\mathcal{O}(3; \{6^6, 3^{25}, 2^{12}\})$	33397665662592
6	$\mathcal{O}(3; \{6^6, 3^{28}, 2^8\})$	267181325580672
6	$\mathcal{O}(3; \{6^6, 3^{31}, 2^4\})$	2137450604365440
6	$\mathcal{O}(3; \{6^6, 3^{34}\})$	17099604835203456
6	$\mathcal{O}(3; \{6^7, 3^2, 2^{41}\})$	7931520
6	$\mathcal{O}(3; \{6^7, 3^5, 2^{37}\})$	63732096
6	$\mathcal{O}(3; \{6^7, 3^8, 2^{33}\})$	509576832
6	$\mathcal{O}(3; \{6^7, 3^{11}, 2^{29}\})$	4076894592
6	$\mathcal{O}(3; \{6^7, 3^{14}, 2^{25}\})$	32614876800
6	$\mathcal{O}(3; \{6^7, 3^{17}, 2^{21}\})$	260919294336
6	$\mathcal{O}(3; \{6^7, 3^{20}, 2^{17}\})$	2087354074752
6	$\mathcal{O}(3; \{6^7, 3^{23}, 2^{13}\})$	16698832877952

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^7, 3^{26}, 2^9\})$	133590662743680
6	$\mathcal{O}(3; \{6^7, 3^{29}, 2^5\})$	1068725302229376
6	$\mathcal{O}(3; \{6^7, 3^{32}, 2\})$	8549802417555072
6	$\mathcal{O}(3; \{6^8, 2^{42}\})$	4012416
6	$\mathcal{O}(3; \{6^8, 3^3, 2^{38}\})$	31819392
6	$\mathcal{O}(3; \{6^8, 3^6, 2^{34}\})$	254835072
6	$\mathcal{O}(3; \{6^8, 3^9, 2^{30}\})$	2038400640
6	$\mathcal{O}(3; \{6^8, 3^{12}, 2^{26}\})$	16307485056
6	$\mathcal{O}(3; \{6^8, 3^{15}, 2^{22}\})$	130459600512
6	$\mathcal{O}(3; \{6^8, 3^{18}, 2^{18}\})$	1043677084032
6	$\mathcal{O}(3; \{6^8, 3^{21}, 2^{14}\})$	8349416392320
6	$\mathcal{O}(3; \{6^8, 3^{24}, 2^{10}\})$	66795331418496
6	$\mathcal{O}(3; \{6^8, 3^{27}, 2^6\})$	534362651068032
6	$\mathcal{O}(3; \{6^8, 3^{30}, 2^2\})$	4274901208824192
6	$\mathcal{O}(3; \{6^9, 3, 2^{39}\})$	15956352
6	$\mathcal{O}(3; \{6^9, 3^4, 2^{35}\})$	127370880
6	$\mathcal{O}(3; \{6^9, 3^7, 2^{31}\})$	1019246976
6	$\mathcal{O}(3; \{6^9, 3^{10}, 2^{27}\})$	8153695872
6	$\mathcal{O}(3; \{6^9, 3^{13}, 2^{23}\})$	65229846912
6	$\mathcal{O}(3; \{6^9, 3^{16}, 2^{19}\})$	521838495360
6	$\mathcal{O}(3; \{6^9, 3^{19}, 2^{15}\})$	4174708242816
6	$\mathcal{O}(3; \{6^9, 3^{22}, 2^{11}\})$	33397665662592
6	$\mathcal{O}(3; \{6^9, 3^{25}, 2^7\})$	267181325580672
6	$\mathcal{O}(3; \{6^9, 3^{28}, 2^3\})$	2137450604365440
6	$\mathcal{O}(3; \{6^{10}, 3^2, 2^{36}\})$	63732096
6	$\mathcal{O}(3; \{6^{10}, 3^5, 2^{32}\})$	509576832
6	$\mathcal{O}(3; \{6^{10}, 3^8, 2^{28}\})$	4076894592
6	$\mathcal{O}(3; \{6^{10}, 3^{11}, 2^{24}\})$	32614876800
6	$\mathcal{O}(3; \{6^{10}, 3^{14}, 2^{20}\})$	260919294336
6	$\mathcal{O}(3; \{6^{10}, 3^{17}, 2^{16}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{10}, 3^{20}, 2^{12}\})$	16698832877952
6	$\mathcal{O}(3; \{6^{10}, 3^{23}, 2^8\})$	133590662743680
6	$\mathcal{O}(3; \{6^{10}, 3^{26}, 2^4\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{10}, 3^{29}\})$	8549802417555072
6	$\mathcal{O}(3; \{6^{11}, 2^{37}\})$	31819392
6	$\mathcal{O}(3; \{6^{11}, 3^3, 2^{33}\})$	254835072
6	$\mathcal{O}(3; \{6^{11}, 3^6, 2^{29}\})$	2038400640
6	$\mathcal{O}(3; \{6^{11}, 3^9, 2^{25}\})$	16307485056
6	$\mathcal{O}(3; \{6^{11}, 3^{12}, 2^{21}\})$	130459600512
6	$\mathcal{O}(3; \{6^{11}, 3^{15}, 2^{17}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{11}, 3^{18}, 2^{13}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{11}, 3^{21}, 2^9\})$	66795331418496
6	$\mathcal{O}(3; \{6^{11}, 3^{24}, 2^5\})$	534362651068032

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^{11}, 3^{27}, 2\})$	4274901208824192
6	$\mathcal{O}(3; \{6^{12}, 3, 2^{34}\})$	127370880
6	$\mathcal{O}(3; \{6^{12}, 3^4, 2^{30}\})$	1019246976
6	$\mathcal{O}(3; \{6^{12}, 3^7, 2^{26}\})$	8153695872
6	$\mathcal{O}(3; \{6^{12}, 3^{10}, 2^{22}\})$	65229846912
6	$\mathcal{O}(3; \{6^{12}, 3^{13}, 2^{18}\})$	521838495360
6	$\mathcal{O}(3; \{6^{12}, 3^{16}, 2^{14}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{12}, 3^{19}, 2^{10}\})$	33397665662592
6	$\mathcal{O}(3; \{6^{12}, 3^{22}, 2^6\})$	267181325580672
6	$\mathcal{O}(3; \{6^{12}, 3^{25}, 2^2\})$	2137450604365440
6	$\mathcal{O}(3; \{6^{13}, 3^2, 2^{31}\})$	509576832
6	$\mathcal{O}(3; \{6^{13}, 3^5, 2^{27}\})$	4076894592
6	$\mathcal{O}(3; \{6^{13}, 3^8, 2^{23}\})$	32614876800
6	$\mathcal{O}(3; \{6^{13}, 3^{11}, 2^{19}\})$	260919294336
6	$\mathcal{O}(3; \{6^{13}, 3^{14}, 2^{15}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{13}, 3^{17}, 2^{11}\})$	16698832877952
6	$\mathcal{O}(3; \{6^{13}, 3^{20}, 2^7\})$	133590662743680
6	$\mathcal{O}(3; \{6^{13}, 3^{23}, 2^3\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{14}, 2^{32}\})$	254835072
6	$\mathcal{O}(3; \{6^{14}, 3^3, 2^{28}\})$	2038400640
6	$\mathcal{O}(3; \{6^{14}, 3^6, 2^{24}\})$	16307485056
6	$\mathcal{O}(3; \{6^{14}, 3^9, 2^{20}\})$	130459600512
6	$\mathcal{O}(3; \{6^{14}, 3^{12}, 2^{16}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{14}, 3^{15}, 2^{12}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{14}, 3^{18}, 2^8\})$	66795331418496
6	$\mathcal{O}(3; \{6^{14}, 3^{21}, 2^4\})$	534362651068032
6	$\mathcal{O}(3; \{6^{14}, 3^{24}\})$	4274901208824192
6	$\mathcal{O}(3; \{6^{15}, 3, 2^{29}\})$	1019246976
6	$\mathcal{O}(3; \{6^{15}, 3^4, 2^{25}\})$	8153695872
6	$\mathcal{O}(3; \{6^{15}, 3^7, 2^{21}\})$	65229846912
6	$\mathcal{O}(3; \{6^{15}, 3^{10}, 2^{17}\})$	521838495360
6	$\mathcal{O}(3; \{6^{15}, 3^{13}, 2^{13}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{15}, 3^{16}, 2^9\})$	33397665662592
6	$\mathcal{O}(3; \{6^{15}, 3^{19}, 2^5\})$	267181325580672
6	$\mathcal{O}(3; \{6^{15}, 3^{22}, 2\})$	2137450604365440
6	$\mathcal{O}(3; \{6^{16}, 3^2, 2^{26}\})$	4076894592
6	$\mathcal{O}(3; \{6^{16}, 3^5, 2^{22}\})$	32614876800
6	$\mathcal{O}(3; \{6^{16}, 3^8, 2^{18}\})$	260919294336
6	$\mathcal{O}(3; \{6^{16}, 3^{11}, 2^{14}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{16}, 3^{14}, 2^{10}\})$	16698832877952
6	$\mathcal{O}(3; \{6^{16}, 3^{17}, 2^6\})$	133590662743680
6	$\mathcal{O}(3; \{6^{16}, 3^{20}, 2^2\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{17}, 2^{27}\})$	2038400640

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^{17}, 3^3, 2^{23}\})$	16307485056
6	$\mathcal{O}(3; \{6^{17}, 3^6, 2^{19}\})$	130459600512
6	$\mathcal{O}(3; \{6^{17}, 3^9, 2^{15}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{17}, 3^{12}, 2^{11}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{17}, 3^{15}, 2^7\})$	66795331418496
6	$\mathcal{O}(3; \{6^{17}, 3^{18}, 2^3\})$	534362651068032
6	$\mathcal{O}(3; \{6^{18}, 3, 2^{24}\})$	8153695872
6	$\mathcal{O}(3; \{6^{18}, 3^4, 2^{20}\})$	65229846912
6	$\mathcal{O}(3; \{6^{18}, 3^7, 2^{16}\})$	521838495360
6	$\mathcal{O}(3; \{6^{18}, 3^{10}, 2^{12}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{18}, 3^{13}, 2^8\})$	33397665662592
6	$\mathcal{O}(3; \{6^{18}, 3^{16}, 2^4\})$	267181325580672
6	$\mathcal{O}(3; \{6^{18}, 3^{19}\})$	2137450604365440
6	$\mathcal{O}(3; \{6^{19}, 3^2, 2^{21}\})$	32614876800
6	$\mathcal{O}(3; \{6^{19}, 3^5, 2^{17}\})$	260919294336
6	$\mathcal{O}(3; \{6^{19}, 3^8, 2^{13}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{19}, 3^{11}, 2^9\})$	16698832877952
6	$\mathcal{O}(3; \{6^{19}, 3^{14}, 2^5\})$	133590662743680
6	$\mathcal{O}(3; \{6^{19}, 3^{17}, 2\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{20}, 2^{22}\})$	16307485056
6	$\mathcal{O}(3; \{6^{20}, 3^3, 2^{18}\})$	130459600512
6	$\mathcal{O}(3; \{6^{20}, 3^6, 2^{14}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{20}, 3^9, 2^{10}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{20}, 3^{12}, 2^6\})$	66795331418496
6	$\mathcal{O}(3; \{6^{20}, 3^{15}, 2^2\})$	534362651068032
6	$\mathcal{O}(3; \{6^{21}, 3, 2^{19}\})$	65229846912
6	$\mathcal{O}(3; \{6^{21}, 3^4, 2^{15}\})$	521838495360
6	$\mathcal{O}(3; \{6^{21}, 3^7, 2^{11}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{21}, 3^{10}, 2^7\})$	33397665662592
6	$\mathcal{O}(3; \{6^{21}, 3^{13}, 2^3\})$	267181325580672
6	$\mathcal{O}(3; \{6^{22}, 3^2, 2^{16}\})$	260919294336
6	$\mathcal{O}(3; \{6^{22}, 3^5, 2^{12}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{22}, 3^8, 2^8\})$	16698832877952
6	$\mathcal{O}(3; \{6^{22}, 3^{11}, 2^4\})$	133590662743680
6	$\mathcal{O}(3; \{6^{22}, 3^{14}\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{23}, 2^{17}\})$	130459600512
6	$\mathcal{O}(3; \{6^{23}, 3^3, 2^{13}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{23}, 3^6, 2^9\})$	8349416392320
6	$\mathcal{O}(3; \{6^{23}, 3^9, 2^5\})$	66795331418496
6	$\mathcal{O}(3; \{6^{23}, 3^{12}, 2\})$	534362651068032
6	$\mathcal{O}(3; \{6^{24}, 3, 2^{14}\})$	521838495360
6	$\mathcal{O}(3; \{6^{24}, 3^4, 2^{10}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{24}, 3^7, 2^6\})$	33397665662592

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^{24}, 3^{10}, 2^2\})$	267181325580672
6	$\mathcal{O}(3; \{6^{25}, 3^2, 2^{11}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{25}, 3^5, 2^7\})$	16698832877952
6	$\mathcal{O}(3; \{6^{25}, 3^8, 2^3\})$	133590662743680
6	$\mathcal{O}(3; \{6^{26}, 2^{12}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{26}, 3^3, 2^8\})$	8349416392320
6	$\mathcal{O}(3; \{6^{26}, 3^6, 2^4\})$	66795331418496
6	$\mathcal{O}(3; \{6^{26}, 3^9\})$	534362651068032
6	$\mathcal{O}(3; \{6^{27}, 3, 2^9\})$	4174708242816
6	$\mathcal{O}(3; \{6^{27}, 3^4, 2^5\})$	33397665662592
6	$\mathcal{O}(3; \{6^{27}, 3^7, 2\})$	267181325580672
6	$\mathcal{O}(3; \{6^{28}, 3^2, 2^6\})$	16698832877952
6	$\mathcal{O}(3; \{6^{28}, 3^5, 2^2\})$	133590662743680
6	$\mathcal{O}(3; \{6^{29}, 2^7\})$	8349416392320
6	$\mathcal{O}(3; \{6^{29}, 3^3, 2^3\})$	66795331418496
6	$\mathcal{O}(3; \{6^{30}, 3, 2^4\})$	33397665662592
6	$\mathcal{O}(3; \{6^{30}, 3^4\})$	267181325580672
6	$\mathcal{O}(3; \{6^{31}, 3^2, 2\})$	133590662743680
6	$\mathcal{O}(3; \{6^{32}, 2^2\})$	66795331418496
6	$\mathcal{O}(2; \{3^4, 2^{54}\})$	7776
6	$\mathcal{O}(2; \{3^7, 2^{50}\})$	54432
6	$\mathcal{O}(2; \{3^{10}, 2^{46}\})$	443232
6	$\mathcal{O}(2; \{3^{13}, 2^{42}\})$	3538080
6	$\mathcal{O}(2; \{3^{16}, 2^{38}\})$	28312416
6	$\mathcal{O}(2; \{3^{19}, 2^{34}\})$	226491552
6	$\mathcal{O}(2; \{3^{22}, 2^{30}\})$	1811940192
6	$\mathcal{O}(2; \{3^{25}, 2^{26}\})$	14495513760
6	$\mathcal{O}(2; \{3^{28}, 2^{22}\})$	115964117856
6	$\mathcal{O}(2; \{3^{31}, 2^{18}\})$	927712935072
6	$\mathcal{O}(2; \{3^{34}, 2^{14}\})$	7421703488352
6	$\mathcal{O}(2; \{3^{37}, 2^{10}\})$	59373627899040
6	$\mathcal{O}(2; \{3^{40}, 2^6\})$	474989023200096
6	$\mathcal{O}(2; \{3^{43}, 2^2\})$	3799912185592992
6	$\mathcal{O}(2; \{6, 3^2, 2^{55}\})$	2592
6	$\mathcal{O}(2; \{6, 3^5, 2^{51}\})$	28512
6	$\mathcal{O}(2; \{6, 3^8, 2^{47}\})$	220320
6	$\mathcal{O}(2; \{6, 3^{11}, 2^{43}\})$	1770336
6	$\mathcal{O}(2; \{6, 3^{14}, 2^{39}\})$	14154912
6	$\mathcal{O}(2; \{6, 3^{17}, 2^{35}\})$	113247072
6	$\mathcal{O}(2; \{6, 3^{20}, 2^{31}\})$	905968800
6	$\mathcal{O}(2; \{6, 3^{23}, 2^{27}\})$	7247758176
6	$\mathcal{O}(2; \{6, 3^{26}, 2^{23}\})$	57982057632
6	$\mathcal{O}(2; \{6, 3^{29}, 2^{19}\})$	463856468832

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6, 3^{32}, 2^{15}\})$	3710851742880
6	$\mathcal{O}(2; \{6, 3^{35}, 2^{11}\})$	29686813950816
6	$\mathcal{O}(2; \{6, 3^{38}, 2^7\})$	237494511598752
6	$\mathcal{O}(2; \{6, 3^{41}, 2^3\})$	1899956092797792
6	$\mathcal{O}(2; \{6^2, 2^{56}\})$	2592
6	$\mathcal{O}(2; \{6^2, 3^3, 2^{52}\})$	12960
6	$\mathcal{O}(2; \{6^2, 3^6, 2^{48}\})$	111456
6	$\mathcal{O}(2; \{6^2, 3^9, 2^{44}\})$	883872
6	$\mathcal{O}(2; \{6^2, 3^{12}, 2^{40}\})$	7078752
6	$\mathcal{O}(2; \{6^2, 3^{15}, 2^{36}\})$	56622240
6	$\mathcal{O}(2; \{6^2, 3^{18}, 2^{32}\})$	452985696
6	$\mathcal{O}(2; \{6^2, 3^{21}, 2^{28}\})$	3623877792
6	$\mathcal{O}(2; \{6^2, 3^{24}, 2^{24}\})$	28991030112
6	$\mathcal{O}(2; \{6^2, 3^{27}, 2^{20}\})$	231928233120
6	$\mathcal{O}(2; \{6^2, 3^{30}, 2^{16}\})$	1855425872736
6	$\mathcal{O}(2; \{6^2, 3^{33}, 2^{12}\})$	14843406974112
6	$\mathcal{O}(2; \{6^2, 3^{36}, 2^8\})$	118747255800672
6	$\mathcal{O}(2; \{6^2, 3^{39}, 2^4\})$	949978046397600
6	$\mathcal{O}(2; \{6^2, 3^{42}\})$	7599824371188576
6	$\mathcal{O}(2; \{6^3, 3, 2^{53}\})$	7776
6	$\mathcal{O}(2; \{6^3, 3^4, 2^{49}\})$	54432
6	$\mathcal{O}(2; \{6^3, 3^7, 2^{45}\})$	443232
6	$\mathcal{O}(2; \{6^3, 3^{10}, 2^{41}\})$	3538080
6	$\mathcal{O}(2; \{6^3, 3^{13}, 2^{37}\})$	28312416
6	$\mathcal{O}(2; \{6^3, 3^{16}, 2^{33}\})$	226491552
6	$\mathcal{O}(2; \{6^3, 3^{19}, 2^{29}\})$	1811940192
6	$\mathcal{O}(2; \{6^3, 3^{22}, 2^{25}\})$	14495513760
6	$\mathcal{O}(2; \{6^3, 3^{25}, 2^{21}\})$	115964117856
6	$\mathcal{O}(2; \{6^3, 3^{28}, 2^{17}\})$	927712935072
6	$\mathcal{O}(2; \{6^3, 3^{31}, 2^{13}\})$	7421703488352
6	$\mathcal{O}(2; \{6^3, 3^{34}, 2^9\})$	59373627899040
6	$\mathcal{O}(2; \{6^3, 3^{37}, 2^5\})$	474989023200096
6	$\mathcal{O}(2; \{6^3, 3^{40}, 2\})$	3799912185592992
6	$\mathcal{O}(2; \{6^4, 3^2, 2^{50}\})$	28512
6	$\mathcal{O}(2; \{6^4, 3^5, 2^{46}\})$	220320
6	$\mathcal{O}(2; \{6^4, 3^8, 2^{42}\})$	1770336
6	$\mathcal{O}(2; \{6^4, 3^{11}, 2^{38}\})$	14154912
6	$\mathcal{O}(2; \{6^4, 3^{14}, 2^{34}\})$	113247072
6	$\mathcal{O}(2; \{6^4, 3^{17}, 2^{30}\})$	905968800
6	$\mathcal{O}(2; \{6^4, 3^{20}, 2^{26}\})$	7247758176
6	$\mathcal{O}(2; \{6^4, 3^{23}, 2^{22}\})$	57982057632
6	$\mathcal{O}(2; \{6^4, 3^{26}, 2^{18}\})$	463856468832
6	$\mathcal{O}(2; \{6^4, 3^{29}, 2^{14}\})$	3710851742880

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^4, 3^{32}, 2^{10}\})$	29686813950816
6	$\mathcal{O}(2; \{6^4, 3^{35}, 2^6\})$	237494511598752
6	$\mathcal{O}(2; \{6^4, 3^{38}, 2^2\})$	1899956092797792
6	$\mathcal{O}(2; \{6^5, 2^{51}\})$	12960
6	$\mathcal{O}(2; \{6^5, 3^3, 2^{47}\})$	111456
6	$\mathcal{O}(2; \{6^5, 3^6, 2^{43}\})$	883872
6	$\mathcal{O}(2; \{6^5, 3^9, 2^{39}\})$	7078752
6	$\mathcal{O}(2; \{6^5, 3^{12}, 2^{35}\})$	56622240
6	$\mathcal{O}(2; \{6^5, 3^{15}, 2^{31}\})$	452985696
6	$\mathcal{O}(2; \{6^5, 3^{18}, 2^{27}\})$	3623877792
6	$\mathcal{O}(2; \{6^5, 3^{21}, 2^{23}\})$	28991030112
6	$\mathcal{O}(2; \{6^5, 3^{24}, 2^{19}\})$	231928233120
6	$\mathcal{O}(2; \{6^5, 3^{27}, 2^{15}\})$	1855425872736
6	$\mathcal{O}(2; \{6^5, 3^{30}, 2^{11}\})$	14843406974112
6	$\mathcal{O}(2; \{6^5, 3^{33}, 2^7\})$	118747255800672
6	$\mathcal{O}(2; \{6^5, 3^{36}, 2^3\})$	949978046397600
6	$\mathcal{O}(2; \{6^6, 3, 2^{48}\})$	54432
6	$\mathcal{O}(2; \{6^6, 3^4, 2^{44}\})$	443232
6	$\mathcal{O}(2; \{6^6, 3^7, 2^{40}\})$	3538080
6	$\mathcal{O}(2; \{6^6, 3^{10}, 2^{36}\})$	28312416
6	$\mathcal{O}(2; \{6^6, 3^{13}, 2^{32}\})$	226491552
6	$\mathcal{O}(2; \{6^6, 3^{16}, 2^{28}\})$	1811940192
6	$\mathcal{O}(2; \{6^6, 3^{19}, 2^{24}\})$	14495513760
6	$\mathcal{O}(2; \{6^6, 3^{22}, 2^{20}\})$	115964117856
6	$\mathcal{O}(2; \{6^6, 3^{25}, 2^{16}\})$	927712935072
6	$\mathcal{O}(2; \{6^6, 3^{28}, 2^{12}\})$	7421703488352
6	$\mathcal{O}(2; \{6^6, 3^{31}, 2^8\})$	59373627899040
6	$\mathcal{O}(2; \{6^6, 3^{34}, 2^4\})$	474989023200096
6	$\mathcal{O}(2; \{6^6, 3^{37}\})$	3799912185592992
6	$\mathcal{O}(2; \{6^7, 3^2, 2^{45}\})$	220320
6	$\mathcal{O}(2; \{6^7, 3^5, 2^{41}\})$	1770336
6	$\mathcal{O}(2; \{6^7, 3^8, 2^{37}\})$	14154912
6	$\mathcal{O}(2; \{6^7, 3^{11}, 2^{33}\})$	113247072
6	$\mathcal{O}(2; \{6^7, 3^{14}, 2^{29}\})$	905968800
6	$\mathcal{O}(2; \{6^7, 3^{17}, 2^{25}\})$	7247758176
6	$\mathcal{O}(2; \{6^7, 3^{20}, 2^{21}\})$	57982057632
6	$\mathcal{O}(2; \{6^7, 3^{23}, 2^{17}\})$	463856468832
6	$\mathcal{O}(2; \{6^7, 3^{26}, 2^{13}\})$	3710851742880
6	$\mathcal{O}(2; \{6^7, 3^{29}, 2^9\})$	29686813950816
6	$\mathcal{O}(2; \{6^7, 3^{32}, 2^5\})$	237494511598752
6	$\mathcal{O}(2; \{6^7, 3^{35}, 2\})$	1899956092797792
6	$\mathcal{O}(2; \{6^8, 2^{46}\})$	111456
6	$\mathcal{O}(2; \{6^8, 3^3, 2^{42}\})$	883872

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^8, 3^6, 2^{38}\})$	7078752
6	$\mathcal{O}(2; \{6^8, 3^9, 2^{34}\})$	56622240
6	$\mathcal{O}(2; \{6^8, 3^{12}, 2^{30}\})$	452985696
6	$\mathcal{O}(2; \{6^8, 3^{15}, 2^{26}\})$	3623877792
6	$\mathcal{O}(2; \{6^8, 3^{18}, 2^{22}\})$	28991030112
6	$\mathcal{O}(2; \{6^8, 3^{21}, 2^{18}\})$	231928233120
6	$\mathcal{O}(2; \{6^8, 3^{24}, 2^{14}\})$	1855425872736
6	$\mathcal{O}(2; \{6^8, 3^{27}, 2^{10}\})$	14843406974112
6	$\mathcal{O}(2; \{6^8, 3^{30}, 2^6\})$	118747255800672
6	$\mathcal{O}(2; \{6^8, 3^{33}, 2^2\})$	949978046397600
6	$\mathcal{O}(2; \{6^9, 3, 2^{43}\})$	443232
6	$\mathcal{O}(2; \{6^9, 3^4, 2^{39}\})$	3538080
6	$\mathcal{O}(2; \{6^9, 3^7, 2^{35}\})$	28312416
6	$\mathcal{O}(2; \{6^9, 3^{10}, 2^{31}\})$	226491552
6	$\mathcal{O}(2; \{6^9, 3^{13}, 2^{27}\})$	1811940192
6	$\mathcal{O}(2; \{6^9, 3^{16}, 2^{23}\})$	14495513760
6	$\mathcal{O}(2; \{6^9, 3^{19}, 2^{19}\})$	115964117856
6	$\mathcal{O}(2; \{6^9, 3^{22}, 2^{15}\})$	927712935072
6	$\mathcal{O}(2; \{6^9, 3^{25}, 2^{11}\})$	7421703488352
6	$\mathcal{O}(2; \{6^9, 3^{28}, 2^7\})$	59373627899040
6	$\mathcal{O}(2; \{6^9, 3^{31}, 2^3\})$	474989023200096
6	$\mathcal{O}(2; \{6^{10}, 3^2, 2^{40}\})$	1770336
6	$\mathcal{O}(2; \{6^{10}, 3^5, 2^{36}\})$	14154912
6	$\mathcal{O}(2; \{6^{10}, 3^8, 2^{32}\})$	113247072
6	$\mathcal{O}(2; \{6^{10}, 3^{11}, 2^{28}\})$	905968800
6	$\mathcal{O}(2; \{6^{10}, 3^{14}, 2^{24}\})$	7247758176
6	$\mathcal{O}(2; \{6^{10}, 3^{17}, 2^{20}\})$	57982057632
6	$\mathcal{O}(2; \{6^{10}, 3^{20}, 2^{16}\})$	463856468832
6	$\mathcal{O}(2; \{6^{10}, 3^{23}, 2^{12}\})$	3710851742880
6	$\mathcal{O}(2; \{6^{10}, 3^{26}, 2^8\})$	29686813950816
6	$\mathcal{O}(2; \{6^{10}, 3^{29}, 2^4\})$	237494511598752
6	$\mathcal{O}(2; \{6^{10}, 3^{32}\})$	1899956092797792
6	$\mathcal{O}(2; \{6^{11}, 2^{41}\})$	883872
6	$\mathcal{O}(2; \{6^{11}, 3^3, 2^{37}\})$	7078752
6	$\mathcal{O}(2; \{6^{11}, 3^6, 2^{33}\})$	56622240
6	$\mathcal{O}(2; \{6^{11}, 3^9, 2^{29}\})$	452985696
6	$\mathcal{O}(2; \{6^{11}, 3^{12}, 2^{25}\})$	3623877792
6	$\mathcal{O}(2; \{6^{11}, 3^{15}, 2^{21}\})$	28991030112
6	$\mathcal{O}(2; \{6^{11}, 3^{18}, 2^{17}\})$	231928233120
6	$\mathcal{O}(2; \{6^{11}, 3^{21}, 2^{13}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{11}, 3^{24}, 2^9\})$	14843406974112
6	$\mathcal{O}(2; \{6^{11}, 3^{27}, 2^5\})$	118747255800672
6	$\mathcal{O}(2; \{6^{11}, 3^{30}, 2\})$	949978046397600

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^{12}, 3, 2^{38}\})$	3538080
6	$\mathcal{O}(2; \{6^{12}, 3^4, 2^{34}\})$	28312416
6	$\mathcal{O}(2; \{6^{12}, 3^7, 2^{30}\})$	226491552
6	$\mathcal{O}(2; \{6^{12}, 3^{10}, 2^{26}\})$	1811940192
6	$\mathcal{O}(2; \{6^{12}, 3^{13}, 2^{22}\})$	14495513760
6	$\mathcal{O}(2; \{6^{12}, 3^{16}, 2^{18}\})$	115964117856
6	$\mathcal{O}(2; \{6^{12}, 3^{19}, 2^{14}\})$	927712935072
6	$\mathcal{O}(2; \{6^{12}, 3^{22}, 2^{10}\})$	7421703488352
6	$\mathcal{O}(2; \{6^{12}, 3^{25}, 2^6\})$	59373627899040
6	$\mathcal{O}(2; \{6^{12}, 3^{28}, 2^2\})$	474989023200096
6	$\mathcal{O}(2; \{6^{13}, 3^2, 2^{35}\})$	14154912
6	$\mathcal{O}(2; \{6^{13}, 3^5, 2^{31}\})$	113247072
6	$\mathcal{O}(2; \{6^{13}, 3^8, 2^{27}\})$	905968800
6	$\mathcal{O}(2; \{6^{13}, 3^{11}, 2^{23}\})$	7247758176
6	$\mathcal{O}(2; \{6^{13}, 3^{14}, 2^{19}\})$	57982057632
6	$\mathcal{O}(2; \{6^{13}, 3^{17}, 2^{15}\})$	463856468832
6	$\mathcal{O}(2; \{6^{13}, 3^{20}, 2^{11}\})$	3710851742880
6	$\mathcal{O}(2; \{6^{13}, 3^{23}, 2^7\})$	29686813950816
6	$\mathcal{O}(2; \{6^{13}, 3^{26}, 2^3\})$	237494511598752
6	$\mathcal{O}(2; \{6^{14}, 2^{36}\})$	7078752
6	$\mathcal{O}(2; \{6^{14}, 3^3, 2^{32}\})$	56622240
6	$\mathcal{O}(2; \{6^{14}, 3^6, 2^{28}\})$	452985696
6	$\mathcal{O}(2; \{6^{14}, 3^9, 2^{24}\})$	3623877792
6	$\mathcal{O}(2; \{6^{14}, 3^{12}, 2^{20}\})$	28991030112
6	$\mathcal{O}(2; \{6^{14}, 3^{15}, 2^{16}\})$	231928233120
6	$\mathcal{O}(2; \{6^{14}, 3^{18}, 2^{12}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{14}, 3^{21}, 2^8\})$	14843406974112
6	$\mathcal{O}(2; \{6^{14}, 3^{24}, 2^4\})$	118747255800672
6	$\mathcal{O}(2; \{6^{14}, 3^{27}\})$	949978046397600
6	$\mathcal{O}(2; \{6^{15}, 3, 2^{33}\})$	28312416
6	$\mathcal{O}(2; \{6^{15}, 3^4, 2^{29}\})$	226491552
6	$\mathcal{O}(2; \{6^{15}, 3^7, 2^{25}\})$	1811940192
6	$\mathcal{O}(2; \{6^{15}, 3^{10}, 2^{21}\})$	14495513760
6	$\mathcal{O}(2; \{6^{15}, 3^{13}, 2^{17}\})$	115964117856
6	$\mathcal{O}(2; \{6^{15}, 3^{16}, 2^{13}\})$	927712935072
6	$\mathcal{O}(2; \{6^{15}, 3^{19}, 2^9\})$	7421703488352
6	$\mathcal{O}(2; \{6^{15}, 3^{22}, 2^5\})$	59373627899040
6	$\mathcal{O}(2; \{6^{15}, 3^{25}, 2\})$	474989023200096
6	$\mathcal{O}(2; \{6^{16}, 3^2, 2^{30}\})$	113247072
6	$\mathcal{O}(2; \{6^{16}, 3^5, 2^{26}\})$	905968800
6	$\mathcal{O}(2; \{6^{16}, 3^8, 2^{22}\})$	7247758176
6	$\mathcal{O}(2; \{6^{16}, 3^{11}, 2^{18}\})$	57982057632
6	$\mathcal{O}(2; \{6^{16}, 3^{14}, 2^{14}\})$	463856468832

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^{16}, 3^{17}, 2^{10}\})$	3710851742880
6	$\mathcal{O}(2; \{6^{16}, 3^{20}, 2^6\})$	29686813950816
6	$\mathcal{O}(2; \{6^{16}, 3^{23}, 2^2\})$	237494511598752
6	$\mathcal{O}(2; \{6^{17}, 2^{31}\})$	56622240
6	$\mathcal{O}(2; \{6^{17}, 3^3, 2^{27}\})$	452985696
6	$\mathcal{O}(2; \{6^{17}, 3^6, 2^{23}\})$	3623877792
6	$\mathcal{O}(2; \{6^{17}, 3^9, 2^{19}\})$	28991030112
6	$\mathcal{O}(2; \{6^{17}, 3^{12}, 2^{15}\})$	231928233120
6	$\mathcal{O}(2; \{6^{17}, 3^{15}, 2^{11}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{17}, 3^{18}, 2^7\})$	14843406974112
6	$\mathcal{O}(2; \{6^{17}, 3^{21}, 2^3\})$	118747255800672
6	$\mathcal{O}(2; \{6^{18}, 3, 2^{28}\})$	226491552
6	$\mathcal{O}(2; \{6^{18}, 3^4, 2^{24}\})$	1811940192
6	$\mathcal{O}(2; \{6^{18}, 3^7, 2^{20}\})$	14495513760
6	$\mathcal{O}(2; \{6^{18}, 3^{10}, 2^{16}\})$	115964117856
6	$\mathcal{O}(2; \{6^{18}, 3^{13}, 2^{12}\})$	927712935072
6	$\mathcal{O}(2; \{6^{18}, 3^{16}, 2^8\})$	7421703488352
6	$\mathcal{O}(2; \{6^{18}, 3^{19}, 2^4\})$	59373627899040
6	$\mathcal{O}(2; \{6^{18}, 3^{22}\})$	474989023200096
6	$\mathcal{O}(2; \{6^{19}, 3^2, 2^{25}\})$	905968800
6	$\mathcal{O}(2; \{6^{19}, 3^5, 2^{21}\})$	7247758176
6	$\mathcal{O}(2; \{6^{19}, 3^8, 2^{17}\})$	57982057632
6	$\mathcal{O}(2; \{6^{19}, 3^{11}, 2^{13}\})$	463856468832
6	$\mathcal{O}(2; \{6^{19}, 3^{14}, 2^9\})$	3710851742880
6	$\mathcal{O}(2; \{6^{19}, 3^{17}, 2^5\})$	29686813950816
6	$\mathcal{O}(2; \{6^{19}, 3^{20}, 2\})$	237494511598752
6	$\mathcal{O}(2; \{6^{20}, 2^{26}\})$	452985696
6	$\mathcal{O}(2; \{6^{20}, 3^3, 2^{22}\})$	3623877792
6	$\mathcal{O}(2; \{6^{20}, 3^6, 2^{18}\})$	28991030112
6	$\mathcal{O}(2; \{6^{20}, 3^9, 2^{14}\})$	231928233120
6	$\mathcal{O}(2; \{6^{20}, 3^{12}, 2^{10}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{20}, 3^{15}, 2^6\})$	14843406974112
6	$\mathcal{O}(2; \{6^{20}, 3^{18}, 2^2\})$	118747255800672
6	$\mathcal{O}(2; \{6^{21}, 3, 2^{23}\})$	1811940192
6	$\mathcal{O}(2; \{6^{21}, 3^4, 2^{19}\})$	14495513760
6	$\mathcal{O}(2; \{6^{21}, 3^7, 2^{15}\})$	115964117856
6	$\mathcal{O}(2; \{6^{21}, 3^{10}, 2^{11}\})$	927712935072
6	$\mathcal{O}(2; \{6^{21}, 3^{13}, 2^7\})$	7421703488352
6	$\mathcal{O}(2; \{6^{21}, 3^{16}, 2^3\})$	59373627899040
6	$\mathcal{O}(2; \{6^{22}, 3^2, 2^{20}\})$	7247758176
6	$\mathcal{O}(2; \{6^{22}, 3^5, 2^{16}\})$	57982057632
6	$\mathcal{O}(2; \{6^{22}, 3^8, 2^{12}\})$	463856468832
6	$\mathcal{O}(2; \{6^{22}, 3^{11}, 2^8\})$	3710851742880

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^{22}, 3^{14}, 2^4\})$	29686813950816
6	$\mathcal{O}(2; \{6^{22}, 3^{17}\})$	237494511598752
6	$\mathcal{O}(2; \{6^{23}, 2^{21}\})$	3623877792
6	$\mathcal{O}(2; \{6^{23}, 3^3, 2^{17}\})$	28991030112
6	$\mathcal{O}(2; \{6^{23}, 3^6, 2^{13}\})$	231928233120
6	$\mathcal{O}(2; \{6^{23}, 3^9, 2^9\})$	1855425872736
6	$\mathcal{O}(2; \{6^{23}, 3^{12}, 2^5\})$	14843406974112
6	$\mathcal{O}(2; \{6^{23}, 3^{15}, 2\})$	118747255800672
6	$\mathcal{O}(2; \{6^{24}, 3, 2^{18}\})$	14495513760
6	$\mathcal{O}(2; \{6^{24}, 3^4, 2^{14}\})$	115964117856
6	$\mathcal{O}(2; \{6^{24}, 3^7, 2^{10}\})$	927712935072
6	$\mathcal{O}(2; \{6^{24}, 3^{10}, 2^6\})$	7421703488352
6	$\mathcal{O}(2; \{6^{24}, 3^{13}, 2^2\})$	59373627899040
6	$\mathcal{O}(2; \{6^{25}, 3^2, 2^{15}\})$	57982057632
6	$\mathcal{O}(2; \{6^{25}, 3^5, 2^{11}\})$	463856468832
6	$\mathcal{O}(2; \{6^{25}, 3^8, 2^7\})$	3710851742880
6	$\mathcal{O}(2; \{6^{25}, 3^{11}, 2^3\})$	29686813950816
6	$\mathcal{O}(2; \{6^{26}, 2^{16}\})$	28991030112
6	$\mathcal{O}(2; \{6^{26}, 3^3, 2^{12}\})$	231928233120
6	$\mathcal{O}(2; \{6^{26}, 3^6, 2^8\})$	1855425872736
6	$\mathcal{O}(2; \{6^{26}, 3^9, 2^4\})$	14843406974112
6	$\mathcal{O}(2; \{6^{26}, 3^{12}\})$	118747255800672
6	$\mathcal{O}(2; \{6^{27}, 3, 2^{13}\})$	115964117856
6	$\mathcal{O}(2; \{6^{27}, 3^4, 2^9\})$	927712935072
6	$\mathcal{O}(2; \{6^{27}, 3^7, 2^5\})$	7421703488352
6	$\mathcal{O}(2; \{6^{27}, 3^{10}, 2\})$	59373627899040
6	$\mathcal{O}(2; \{6^{28}, 3^2, 2^{10}\})$	463856468832
6	$\mathcal{O}(2; \{6^{28}, 3^5, 2^6\})$	3710851742880
6	$\mathcal{O}(2; \{6^{28}, 3^8, 2^2\})$	29686813950816
6	$\mathcal{O}(2; \{6^{29}, 2^{11}\})$	231928233120
6	$\mathcal{O}(2; \{6^{29}, 3^3, 2^7\})$	1855425872736
6	$\mathcal{O}(2; \{6^{29}, 3^6, 2^3\})$	14843406974112
6	$\mathcal{O}(2; \{6^{30}, 3, 2^8\})$	927712935072
6	$\mathcal{O}(2; \{6^{30}, 3^4, 2^4\})$	7421703488352
6	$\mathcal{O}(2; \{6^{30}, 3^7\})$	59373627899040
6	$\mathcal{O}(2; \{6^{31}, 3^2, 2^5\})$	3710851742880
6	$\mathcal{O}(2; \{6^{31}, 3^5, 2\})$	29686813950816
6	$\mathcal{O}(2; \{6^{32}, 2^6\})$	1855425872736
6	$\mathcal{O}(2; \{6^{32}, 3^3, 2^2\})$	14843406974112
6	$\mathcal{O}(2; \{6^{33}, 3, 2^3\})$	7421703488352
6	$\mathcal{O}(2; \{6^{34}, 3^2\})$	29686813950816
6	$\mathcal{O}(2; \{6^{35}, 2\})$	14843406974112
6	$\mathcal{O}(1; \{3^4, 2^{58}\})$	216

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{3^7, 2^{54}\})$	1512
6	$\mathcal{O}(1; \{3^{10}, 2^{50}\})$	12312
6	$\mathcal{O}(1; \{3^{13}, 2^{46}\})$	98280
6	$\mathcal{O}(1; \{3^{16}, 2^{42}\})$	786456
6	$\mathcal{O}(1; \{3^{19}, 2^{38}\})$	6291432
6	$\mathcal{O}(1; \{3^{22}, 2^{34}\})$	50331672
6	$\mathcal{O}(1; \{3^{25}, 2^{30}\})$	402653160
6	$\mathcal{O}(1; \{3^{28}, 2^{26}\})$	3221225496
6	$\mathcal{O}(1; \{3^{31}, 2^{22}\})$	25769803752
6	$\mathcal{O}(1; \{3^{34}, 2^{18}\})$	206158430232
6	$\mathcal{O}(1; \{3^{37}, 2^{14}\})$	1649267441640
6	$\mathcal{O}(1; \{3^{40}, 2^{10}\})$	13194139533336
6	$\mathcal{O}(1; \{3^{43}, 2^6\})$	105553116266472
6	$\mathcal{O}(1; \{3^{46}, 2^2\})$	844424930131992
6	$\mathcal{O}(1; \{6, 3^2, 2^{59}\})$	72
6	$\mathcal{O}(1; \{6, 3^5, 2^{55}\})$	792
6	$\mathcal{O}(1; \{6, 3^8, 2^{51}\})$	6120
6	$\mathcal{O}(1; \{6, 3^{11}, 2^{47}\})$	49176
6	$\mathcal{O}(1; \{6, 3^{14}, 2^{43}\})$	393192
6	$\mathcal{O}(1; \{6, 3^{17}, 2^{39}\})$	3145752
6	$\mathcal{O}(1; \{6, 3^{20}, 2^{35}\})$	25165800
6	$\mathcal{O}(1; \{6, 3^{23}, 2^{31}\})$	201326616
6	$\mathcal{O}(1; \{6, 3^{26}, 2^{27}\})$	1610612712
6	$\mathcal{O}(1; \{6, 3^{29}, 2^{23}\})$	12884901912
6	$\mathcal{O}(1; \{6, 3^{32}, 2^{19}\})$	103079215080
6	$\mathcal{O}(1; \{6, 3^{35}, 2^{15}\})$	824633720856
6	$\mathcal{O}(1; \{6, 3^{38}, 2^{11}\})$	6597069766632
6	$\mathcal{O}(1; \{6, 3^{41}, 2^7\})$	52776558133272
6	$\mathcal{O}(1; \{6, 3^{44}, 2^3\})$	422212465065960
6	$\mathcal{O}(1; \{6^2, 2^{60}\})$	72
6	$\mathcal{O}(1; \{6^2, 3^3, 2^{56}\})$	360
6	$\mathcal{O}(1; \{6^2, 3^6, 2^{52}\})$	3096
6	$\mathcal{O}(1; \{6^2, 3^9, 2^{48}\})$	24552
6	$\mathcal{O}(1; \{6^2, 3^{12}, 2^{44}\})$	196632
6	$\mathcal{O}(1; \{6^2, 3^{15}, 2^{40}\})$	1572840
6	$\mathcal{O}(1; \{6^2, 3^{18}, 2^{36}\})$	12582936
6	$\mathcal{O}(1; \{6^2, 3^{21}, 2^{32}\})$	100663272
6	$\mathcal{O}(1; \{6^2, 3^{24}, 2^{28}\})$	805306392
6	$\mathcal{O}(1; \{6^2, 3^{27}, 2^{24}\})$	6442450920
6	$\mathcal{O}(1; \{6^2, 3^{30}, 2^{20}\})$	51539607576
6	$\mathcal{O}(1; \{6^2, 3^{33}, 2^{16}\})$	412316860392
6	$\mathcal{O}(1; \{6^2, 3^{36}, 2^{12}\})$	3298534883352
6	$\mathcal{O}(1; \{6^2, 3^{39}, 2^8\})$	26388279066600

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^2, 3^{42}, 2^4\})$	211106232533016
6	$\mathcal{O}(1; \{6^2, 3^{45}\})$	1688849860263912
6	$\mathcal{O}(1; \{6^3, 3, 2^{57}\})$	216
6	$\mathcal{O}(1; \{6^3, 3^4, 2^{53}\})$	1512
6	$\mathcal{O}(1; \{6^3, 3^7, 2^{49}\})$	12312
6	$\mathcal{O}(1; \{6^3, 3^{10}, 2^{45}\})$	98280
6	$\mathcal{O}(1; \{6^3, 3^{13}, 2^{41}\})$	786456
6	$\mathcal{O}(1; \{6^3, 3^{16}, 2^{37}\})$	6291432
6	$\mathcal{O}(1; \{6^3, 3^{19}, 2^{33}\})$	50331672
6	$\mathcal{O}(1; \{6^3, 3^{22}, 2^{29}\})$	402653160
6	$\mathcal{O}(1; \{6^3, 3^{25}, 2^{25}\})$	3221225496
6	$\mathcal{O}(1; \{6^3, 3^{28}, 2^{21}\})$	25769803752
6	$\mathcal{O}(1; \{6^3, 3^{31}, 2^{17}\})$	206158430232
6	$\mathcal{O}(1; \{6^3, 3^{34}, 2^{13}\})$	1649267441640
6	$\mathcal{O}(1; \{6^3, 3^{37}, 2^9\})$	13194139533336
6	$\mathcal{O}(1; \{6^3, 3^{40}, 2^5\})$	105553116266472
6	$\mathcal{O}(1; \{6^3, 3^{43}, 2\})$	844424930131992
6	$\mathcal{O}(1; \{6^4, 3^2, 2^{54}\})$	792
6	$\mathcal{O}(1; \{6^4, 3^5, 2^{50}\})$	6120
6	$\mathcal{O}(1; \{6^4, 3^8, 2^{46}\})$	49176
6	$\mathcal{O}(1; \{6^4, 3^{11}, 2^{42}\})$	393192
6	$\mathcal{O}(1; \{6^4, 3^{14}, 2^{38}\})$	3145752
6	$\mathcal{O}(1; \{6^4, 3^{17}, 2^{34}\})$	25165800
6	$\mathcal{O}(1; \{6^4, 3^{20}, 2^{30}\})$	201326616
6	$\mathcal{O}(1; \{6^4, 3^{23}, 2^{26}\})$	1610612712
6	$\mathcal{O}(1; \{6^4, 3^{26}, 2^{22}\})$	12884901912
6	$\mathcal{O}(1; \{6^4, 3^{29}, 2^{18}\})$	103079215080
6	$\mathcal{O}(1; \{6^4, 3^{32}, 2^{14}\})$	824633720856
6	$\mathcal{O}(1; \{6^4, 3^{35}, 2^{10}\})$	6597069766632
6	$\mathcal{O}(1; \{6^4, 3^{38}, 2^6\})$	52776558133272
6	$\mathcal{O}(1; \{6^4, 3^{41}, 2^2\})$	422212465065960
6	$\mathcal{O}(1; \{6^5, 2^{55}\})$	360
6	$\mathcal{O}(1; \{6^5, 3^3, 2^{51}\})$	3096
6	$\mathcal{O}(1; \{6^5, 3^6, 2^{47}\})$	24552
6	$\mathcal{O}(1; \{6^5, 3^9, 2^{43}\})$	196632
6	$\mathcal{O}(1; \{6^5, 3^{12}, 2^{39}\})$	1572840
6	$\mathcal{O}(1; \{6^5, 3^{15}, 2^{35}\})$	12582936
6	$\mathcal{O}(1; \{6^5, 3^{18}, 2^{31}\})$	100663272
6	$\mathcal{O}(1; \{6^5, 3^{21}, 2^{27}\})$	805306392
6	$\mathcal{O}(1; \{6^5, 3^{24}, 2^{23}\})$	6442450920
6	$\mathcal{O}(1; \{6^5, 3^{27}, 2^{19}\})$	51539607576
6	$\mathcal{O}(1; \{6^5, 3^{30}, 2^{15}\})$	412316860392
6	$\mathcal{O}(1; \{6^5, 3^{33}, 2^{11}\})$	3298534883352

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^5, 3^{36}, 2^7\})$	26388279066600
6	$\mathcal{O}(1; \{6^5, 3^{39}, 2^3\})$	211106232533016
6	$\mathcal{O}(1; \{6^6, 3, 2^{52}\})$	1512
6	$\mathcal{O}(1; \{6^6, 3^4, 2^{48}\})$	12312
6	$\mathcal{O}(1; \{6^6, 3^7, 2^{44}\})$	98280
6	$\mathcal{O}(1; \{6^6, 3^{10}, 2^{40}\})$	786456
6	$\mathcal{O}(1; \{6^6, 3^{13}, 2^{36}\})$	6291432
6	$\mathcal{O}(1; \{6^6, 3^{16}, 2^{32}\})$	50331672
6	$\mathcal{O}(1; \{6^6, 3^{19}, 2^{28}\})$	402653160
6	$\mathcal{O}(1; \{6^6, 3^{22}, 2^{24}\})$	3221225496
6	$\mathcal{O}(1; \{6^6, 3^{25}, 2^{20}\})$	25769803752
6	$\mathcal{O}(1; \{6^6, 3^{28}, 2^{16}\})$	206158430232
6	$\mathcal{O}(1; \{6^6, 3^{31}, 2^{12}\})$	1649267441640
6	$\mathcal{O}(1; \{6^6, 3^{34}, 2^8\})$	13194139533336
6	$\mathcal{O}(1; \{6^6, 3^{37}, 2^4\})$	105553116266472
6	$\mathcal{O}(1; \{6^6, 3^{40}\})$	844424930131992
6	$\mathcal{O}(1; \{6^7, 3^2, 2^{49}\})$	6120
6	$\mathcal{O}(1; \{6^7, 3^5, 2^{45}\})$	49176
6	$\mathcal{O}(1; \{6^7, 3^8, 2^{41}\})$	393192
6	$\mathcal{O}(1; \{6^7, 3^{11}, 2^{37}\})$	3145752
6	$\mathcal{O}(1; \{6^7, 3^{14}, 2^{33}\})$	25165800
6	$\mathcal{O}(1; \{6^7, 3^{17}, 2^{29}\})$	201326616
6	$\mathcal{O}(1; \{6^7, 3^{20}, 2^{25}\})$	1610612712
6	$\mathcal{O}(1; \{6^7, 3^{23}, 2^{21}\})$	12884901912
6	$\mathcal{O}(1; \{6^7, 3^{26}, 2^{17}\})$	103079215080
6	$\mathcal{O}(1; \{6^7, 3^{29}, 2^{13}\})$	824633720856
6	$\mathcal{O}(1; \{6^7, 3^{32}, 2^9\})$	6597069766632
6	$\mathcal{O}(1; \{6^7, 3^{35}, 2^5\})$	52776558133272
6	$\mathcal{O}(1; \{6^7, 3^{38}, 2\})$	422212465065960
6	$\mathcal{O}(1; \{6^8, 2^{50}\})$	3096
6	$\mathcal{O}(1; \{6^8, 3^3, 2^{46}\})$	24552
6	$\mathcal{O}(1; \{6^8, 3^6, 2^{42}\})$	196632
6	$\mathcal{O}(1; \{6^8, 3^9, 2^{38}\})$	1572840
6	$\mathcal{O}(1; \{6^8, 3^{12}, 2^{34}\})$	12582936
6	$\mathcal{O}(1; \{6^8, 3^{15}, 2^{30}\})$	100663272
6	$\mathcal{O}(1; \{6^8, 3^{18}, 2^{26}\})$	805306392
6	$\mathcal{O}(1; \{6^8, 3^{21}, 2^{22}\})$	6442450920
6	$\mathcal{O}(1; \{6^8, 3^{24}, 2^{18}\})$	51539607576
6	$\mathcal{O}(1; \{6^8, 3^{27}, 2^{14}\})$	412316860392
6	$\mathcal{O}(1; \{6^8, 3^{30}, 2^{10}\})$	3298534883352
6	$\mathcal{O}(1; \{6^8, 3^{33}, 2^6\})$	26388279066600
6	$\mathcal{O}(1; \{6^8, 3^{36}, 2^2\})$	211106232533016
6	$\mathcal{O}(1; \{6^9, 3, 2^{47}\})$	12312

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^9, 3^4, 2^{43}\})$	98280
6	$\mathcal{O}(1; \{6^9, 3^7, 2^{39}\})$	786456
6	$\mathcal{O}(1; \{6^9, 3^{10}, 2^{35}\})$	6291432
6	$\mathcal{O}(1; \{6^9, 3^{13}, 2^{31}\})$	50331672
6	$\mathcal{O}(1; \{6^9, 3^{16}, 2^{27}\})$	402653160
6	$\mathcal{O}(1; \{6^9, 3^{19}, 2^{23}\})$	3221225496
6	$\mathcal{O}(1; \{6^9, 3^{22}, 2^{19}\})$	25769803752
6	$\mathcal{O}(1; \{6^9, 3^{25}, 2^{15}\})$	206158430232
6	$\mathcal{O}(1; \{6^9, 3^{28}, 2^{11}\})$	1649267441640
6	$\mathcal{O}(1; \{6^9, 3^{31}, 2^7\})$	13194139533336
6	$\mathcal{O}(1; \{6^9, 3^{34}, 2^3\})$	105553116266472
6	$\mathcal{O}(1; \{6^{10}, 3^2, 2^{44}\})$	49176
6	$\mathcal{O}(1; \{6^{10}, 3^5, 2^{40}\})$	393192
6	$\mathcal{O}(1; \{6^{10}, 3^8, 2^{36}\})$	3145752
6	$\mathcal{O}(1; \{6^{10}, 3^{11}, 2^{32}\})$	25165800
6	$\mathcal{O}(1; \{6^{10}, 3^{14}, 2^{28}\})$	201326616
6	$\mathcal{O}(1; \{6^{10}, 3^{17}, 2^{24}\})$	1610612712
6	$\mathcal{O}(1; \{6^{10}, 3^{20}, 2^{20}\})$	12884901912
6	$\mathcal{O}(1; \{6^{10}, 3^{23}, 2^{16}\})$	103079215080
6	$\mathcal{O}(1; \{6^{10}, 3^{26}, 2^{12}\})$	824633720856
6	$\mathcal{O}(1; \{6^{10}, 3^{29}, 2^8\})$	6597069766632
6	$\mathcal{O}(1; \{6^{10}, 3^{32}, 2^4\})$	52776558133272
6	$\mathcal{O}(1; \{6^{10}, 3^{35}\})$	422212465065960
6	$\mathcal{O}(1; \{6^{11}, 2^{45}\})$	24552
6	$\mathcal{O}(1; \{6^{11}, 3^3, 2^{41}\})$	196632
6	$\mathcal{O}(1; \{6^{11}, 3^6, 2^{37}\})$	1572840
6	$\mathcal{O}(1; \{6^{11}, 3^9, 2^{33}\})$	12582936
6	$\mathcal{O}(1; \{6^{11}, 3^{12}, 2^{29}\})$	100663272
6	$\mathcal{O}(1; \{6^{11}, 3^{15}, 2^{25}\})$	805306392
6	$\mathcal{O}(1; \{6^{11}, 3^{18}, 2^{21}\})$	6442450920
6	$\mathcal{O}(1; \{6^{11}, 3^{21}, 2^{17}\})$	51539607576
6	$\mathcal{O}(1; \{6^{11}, 3^{24}, 2^{13}\})$	412316860392
6	$\mathcal{O}(1; \{6^{11}, 3^{27}, 2^9\})$	3298534883352
6	$\mathcal{O}(1; \{6^{11}, 3^{30}, 2^5\})$	26388279066600
6	$\mathcal{O}(1; \{6^{11}, 3^{33}, 2\})$	211106232533016
6	$\mathcal{O}(1; \{6^{12}, 3, 2^{42}\})$	98280
6	$\mathcal{O}(1; \{6^{12}, 3^4, 2^{38}\})$	786456
6	$\mathcal{O}(1; \{6^{12}, 3^7, 2^{34}\})$	6291432
6	$\mathcal{O}(1; \{6^{12}, 3^{10}, 2^{30}\})$	50331672
6	$\mathcal{O}(1; \{6^{12}, 3^{13}, 2^{26}\})$	402653160
6	$\mathcal{O}(1; \{6^{12}, 3^{16}, 2^{22}\})$	3221225496
6	$\mathcal{O}(1; \{6^{12}, 3^{19}, 2^{18}\})$	25769803752
6	$\mathcal{O}(1; \{6^{12}, 3^{22}, 2^{14}\})$	206158430232

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{12}, 3^{25}, 2^{10}\})$	1649267441640
6	$\mathcal{O}(1; \{6^{12}, 3^{28}, 2^6\})$	13194139533336
6	$\mathcal{O}(1; \{6^{12}, 3^{31}, 2^2\})$	105553116266472
6	$\mathcal{O}(1; \{6^{13}, 3^2, 2^{39}\})$	393192
6	$\mathcal{O}(1; \{6^{13}, 3^5, 2^{35}\})$	3145752
6	$\mathcal{O}(1; \{6^{13}, 3^8, 2^{31}\})$	25165800
6	$\mathcal{O}(1; \{6^{13}, 3^{11}, 2^{27}\})$	201326616
6	$\mathcal{O}(1; \{6^{13}, 3^{14}, 2^{23}\})$	1610612712
6	$\mathcal{O}(1; \{6^{13}, 3^{17}, 2^{19}\})$	12884901912
6	$\mathcal{O}(1; \{6^{13}, 3^{20}, 2^{15}\})$	103079215080
6	$\mathcal{O}(1; \{6^{13}, 3^{23}, 2^{11}\})$	824633720856
6	$\mathcal{O}(1; \{6^{13}, 3^{26}, 2^7\})$	6597069766632
6	$\mathcal{O}(1; \{6^{13}, 3^{29}, 2^3\})$	52776558133272
6	$\mathcal{O}(1; \{6^{14}, 2^{40}\})$	196632
6	$\mathcal{O}(1; \{6^{14}, 3^3, 2^{36}\})$	1572840
6	$\mathcal{O}(1; \{6^{14}, 3^6, 2^{32}\})$	12582936
6	$\mathcal{O}(1; \{6^{14}, 3^9, 2^{28}\})$	100663272
6	$\mathcal{O}(1; \{6^{14}, 3^{12}, 2^{24}\})$	805306392
6	$\mathcal{O}(1; \{6^{14}, 3^{15}, 2^{20}\})$	6442450920
6	$\mathcal{O}(1; \{6^{14}, 3^{18}, 2^{16}\})$	51539607576
6	$\mathcal{O}(1; \{6^{14}, 3^{21}, 2^{12}\})$	412316860392
6	$\mathcal{O}(1; \{6^{14}, 3^{24}, 2^8\})$	3298534883352
6	$\mathcal{O}(1; \{6^{14}, 3^{27}, 2^4\})$	26388279066600
6	$\mathcal{O}(1; \{6^{14}, 3^{30}\})$	211106232533016
6	$\mathcal{O}(1; \{6^{15}, 3, 2^{37}\})$	786456
6	$\mathcal{O}(1; \{6^{15}, 3^4, 2^{33}\})$	6291432
6	$\mathcal{O}(1; \{6^{15}, 3^7, 2^{29}\})$	50331672
6	$\mathcal{O}(1; \{6^{15}, 3^{10}, 2^{25}\})$	402653160
6	$\mathcal{O}(1; \{6^{15}, 3^{13}, 2^{21}\})$	3221225496
6	$\mathcal{O}(1; \{6^{15}, 3^{16}, 2^{17}\})$	25769803752
6	$\mathcal{O}(1; \{6^{15}, 3^{19}, 2^{13}\})$	206158430232
6	$\mathcal{O}(1; \{6^{15}, 3^{22}, 2^9\})$	1649267441640
6	$\mathcal{O}(1; \{6^{15}, 3^{25}, 2^5\})$	13194139533336
6	$\mathcal{O}(1; \{6^{15}, 3^{28}, 2\})$	105553116266472
6	$\mathcal{O}(1; \{6^{16}, 3^2, 2^{34}\})$	3145752
6	$\mathcal{O}(1; \{6^{16}, 3^5, 2^{30}\})$	25165800
6	$\mathcal{O}(1; \{6^{16}, 3^8, 2^{26}\})$	201326616
6	$\mathcal{O}(1; \{6^{16}, 3^{11}, 2^{22}\})$	1610612712
6	$\mathcal{O}(1; \{6^{16}, 3^{14}, 2^{18}\})$	12884901912
6	$\mathcal{O}(1; \{6^{16}, 3^{17}, 2^{14}\})$	103079215080
6	$\mathcal{O}(1; \{6^{16}, 3^{20}, 2^{10}\})$	824633720856
6	$\mathcal{O}(1; \{6^{16}, 3^{23}, 2^6\})$	6597069766632
6	$\mathcal{O}(1; \{6^{16}, 3^{26}, 2^2\})$	52776558133272

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{17}, 2^{35}\})$	1572840
6	$\mathcal{O}(1; \{6^{17}, 3^3, 2^{31}\})$	12582936
6	$\mathcal{O}(1; \{6^{17}, 3^6, 2^{27}\})$	100663272
6	$\mathcal{O}(1; \{6^{17}, 3^9, 2^{23}\})$	805306392
6	$\mathcal{O}(1; \{6^{17}, 3^{12}, 2^{19}\})$	6442450920
6	$\mathcal{O}(1; \{6^{17}, 3^{15}, 2^{15}\})$	51539607576
6	$\mathcal{O}(1; \{6^{17}, 3^{18}, 2^{11}\})$	412316860392
6	$\mathcal{O}(1; \{6^{17}, 3^{21}, 2^7\})$	3298534883352
6	$\mathcal{O}(1; \{6^{17}, 3^{24}, 2^3\})$	26388279066600
6	$\mathcal{O}(1; \{6^{18}, 3, 2^{32}\})$	6291432
6	$\mathcal{O}(1; \{6^{18}, 3^4, 2^{28}\})$	50331672
6	$\mathcal{O}(1; \{6^{18}, 3^7, 2^{24}\})$	402653160
6	$\mathcal{O}(1; \{6^{18}, 3^{10}, 2^{20}\})$	3221225496
6	$\mathcal{O}(1; \{6^{18}, 3^{13}, 2^{16}\})$	25769803752
6	$\mathcal{O}(1; \{6^{18}, 3^{16}, 2^{12}\})$	206158430232
6	$\mathcal{O}(1; \{6^{18}, 3^{19}, 2^8\})$	1649267441640
6	$\mathcal{O}(1; \{6^{18}, 3^{22}, 2^4\})$	13194139533336
6	$\mathcal{O}(1; \{6^{18}, 3^{25}\})$	105553116266472
6	$\mathcal{O}(1; \{6^{19}, 3^2, 2^{29}\})$	25165800
6	$\mathcal{O}(1; \{6^{19}, 3^5, 2^{25}\})$	201326616
6	$\mathcal{O}(1; \{6^{19}, 3^8, 2^{21}\})$	1610612712
6	$\mathcal{O}(1; \{6^{19}, 3^{11}, 2^{17}\})$	12884901912
6	$\mathcal{O}(1; \{6^{19}, 3^{14}, 2^{13}\})$	103079215080
6	$\mathcal{O}(1; \{6^{19}, 3^{17}, 2^9\})$	824633720856
6	$\mathcal{O}(1; \{6^{19}, 3^{20}, 2^5\})$	6597069766632
6	$\mathcal{O}(1; \{6^{19}, 3^{23}, 2\})$	52776558133272
6	$\mathcal{O}(1; \{6^{20}, 2^{30}\})$	12582936
6	$\mathcal{O}(1; \{6^{20}, 3^3, 2^{26}\})$	100663272
6	$\mathcal{O}(1; \{6^{20}, 3^6, 2^{22}\})$	805306392
6	$\mathcal{O}(1; \{6^{20}, 3^9, 2^{18}\})$	6442450920
6	$\mathcal{O}(1; \{6^{20}, 3^{12}, 2^{14}\})$	51539607576
6	$\mathcal{O}(1; \{6^{20}, 3^{15}, 2^{10}\})$	412316860392
6	$\mathcal{O}(1; \{6^{20}, 3^{18}, 2^6\})$	3298534883352
6	$\mathcal{O}(1; \{6^{20}, 3^{21}, 2^2\})$	26388279066600
6	$\mathcal{O}(1; \{6^{21}, 3, 2^{27}\})$	50331672
6	$\mathcal{O}(1; \{6^{21}, 3^4, 2^{23}\})$	402653160
6	$\mathcal{O}(1; \{6^{21}, 3^7, 2^{19}\})$	3221225496
6	$\mathcal{O}(1; \{6^{21}, 3^{10}, 2^{15}\})$	25769803752
6	$\mathcal{O}(1; \{6^{21}, 3^{13}, 2^{11}\})$	206158430232
6	$\mathcal{O}(1; \{6^{21}, 3^{16}, 2^7\})$	1649267441640
6	$\mathcal{O}(1; \{6^{21}, 3^{19}, 2^3\})$	13194139533336
6	$\mathcal{O}(1; \{6^{22}, 3^2, 2^{24}\})$	201326616
6	$\mathcal{O}(1; \{6^{22}, 3^5, 2^{20}\})$	1610612712

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{22}, 3^8, 2^{16}\})$	12884901912
6	$\mathcal{O}(1; \{6^{22}, 3^{11}, 2^{12}\})$	103079215080
6	$\mathcal{O}(1; \{6^{22}, 3^{14}, 2^8\})$	824633720856
6	$\mathcal{O}(1; \{6^{22}, 3^{17}, 2^4\})$	6597069766632
6	$\mathcal{O}(1; \{6^{22}, 3^{20}\})$	52776558133272
6	$\mathcal{O}(1; \{6^{23}, 2^{25}\})$	100663272
6	$\mathcal{O}(1; \{6^{23}, 3^3, 2^{21}\})$	805306392
6	$\mathcal{O}(1; \{6^{23}, 3^6, 2^{17}\})$	6442450920
6	$\mathcal{O}(1; \{6^{23}, 3^9, 2^{13}\})$	51539607576
6	$\mathcal{O}(1; \{6^{23}, 3^{12}, 2^9\})$	412316860392
6	$\mathcal{O}(1; \{6^{23}, 3^{15}, 2^5\})$	3298534883352
6	$\mathcal{O}(1; \{6^{23}, 3^{18}, 2\})$	26388279066600
6	$\mathcal{O}(1; \{6^{24}, 3, 2^{22}\})$	402653160
6	$\mathcal{O}(1; \{6^{24}, 3^4, 2^{18}\})$	3221225496
6	$\mathcal{O}(1; \{6^{24}, 3^7, 2^{14}\})$	25769803752
6	$\mathcal{O}(1; \{6^{24}, 3^{10}, 2^{10}\})$	206158430232
6	$\mathcal{O}(1; \{6^{24}, 3^{13}, 2^6\})$	1649267441640
6	$\mathcal{O}(1; \{6^{24}, 3^{16}, 2^2\})$	13194139533336
6	$\mathcal{O}(1; \{6^{25}, 3^2, 2^{19}\})$	1610612712
6	$\mathcal{O}(1; \{6^{25}, 3^5, 2^{15}\})$	12884901912
6	$\mathcal{O}(1; \{6^{25}, 3^8, 2^{11}\})$	103079215080
6	$\mathcal{O}(1; \{6^{25}, 3^{11}, 2^7\})$	824633720856
6	$\mathcal{O}(1; \{6^{25}, 3^{14}, 2^3\})$	6597069766632
6	$\mathcal{O}(1; \{6^{26}, 2^{20}\})$	805306392
6	$\mathcal{O}(1; \{6^{26}, 3^3, 2^{16}\})$	6442450920
6	$\mathcal{O}(1; \{6^{26}, 3^6, 2^{12}\})$	51539607576
6	$\mathcal{O}(1; \{6^{26}, 3^9, 2^8\})$	412316860392
6	$\mathcal{O}(1; \{6^{26}, 3^{12}, 2^4\})$	3298534883352
6	$\mathcal{O}(1; \{6^{26}, 3^{15}\})$	26388279066600
6	$\mathcal{O}(1; \{6^{27}, 3, 2^{17}\})$	3221225496
6	$\mathcal{O}(1; \{6^{27}, 3^4, 2^{13}\})$	25769803752
6	$\mathcal{O}(1; \{6^{27}, 3^7, 2^9\})$	206158430232
6	$\mathcal{O}(1; \{6^{27}, 3^{10}, 2^5\})$	1649267441640
6	$\mathcal{O}(1; \{6^{27}, 3^{13}, 2\})$	13194139533336
6	$\mathcal{O}(1; \{6^{28}, 3^2, 2^{14}\})$	12884901912
6	$\mathcal{O}(1; \{6^{28}, 3^5, 2^{10}\})$	103079215080
6	$\mathcal{O}(1; \{6^{28}, 3^8, 2^6\})$	824633720856
6	$\mathcal{O}(1; \{6^{28}, 3^{11}, 2^2\})$	6597069766632
6	$\mathcal{O}(1; \{6^{29}, 2^{15}\})$	6442450920
6	$\mathcal{O}(1; \{6^{29}, 3^3, 2^{11}\})$	51539607576
6	$\mathcal{O}(1; \{6^{29}, 3^6, 2^7\})$	412316860392
6	$\mathcal{O}(1; \{6^{29}, 3^9, 2^3\})$	3298534883352
6	$\mathcal{O}(1; \{6^{30}, 3, 2^{12}\})$	25769803752

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{30}, 3^4, 2^8\})$	206158430232
6	$\mathcal{O}(1; \{6^{30}, 3^7, 2^4\})$	1649267441640
6	$\mathcal{O}(1; \{6^{30}, 3^{10}\})$	13194139533336
6	$\mathcal{O}(1; \{6^{31}, 3^2, 2^9\})$	103079215080
6	$\mathcal{O}(1; \{6^{31}, 3^5, 2^5\})$	824633720856
6	$\mathcal{O}(1; \{6^{31}, 3^8, 2\})$	6597069766632
6	$\mathcal{O}(1; \{6^{32}, 2^{10}\})$	51539607576
6	$\mathcal{O}(1; \{6^{32}, 3^3, 2^6\})$	412316860392
6	$\mathcal{O}(1; \{6^{32}, 3^6, 2^2\})$	3298534883352
6	$\mathcal{O}(1; \{6^{33}, 3, 2^7\})$	206158430232
6	$\mathcal{O}(1; \{6^{33}, 3^4, 2^3\})$	1649267441640
6	$\mathcal{O}(1; \{6^{34}, 3^2, 2^4\})$	824633720856
6	$\mathcal{O}(1; \{6^{34}, 3^5\})$	6597069766632
6	$\mathcal{O}(1; \{6^{35}, 2^5\})$	412316860392
6	$\mathcal{O}(1; \{6^{35}, 3^3, 2\})$	3298534883352
6	$\mathcal{O}(1; \{6^{36}, 3, 2^2\})$	1649267441640
6	$\mathcal{O}(1; \{6^{38}\})$	3298534883352
6	$\mathcal{O}(0; \{3^4, 2^{62}\})$	6
6	$\mathcal{O}(0; \{3^7, 2^{58}\})$	42
6	$\mathcal{O}(0; \{3^{10}, 2^{54}\})$	342
6	$\mathcal{O}(0; \{3^{13}, 2^{50}\})$	2730
6	$\mathcal{O}(0; \{3^{16}, 2^{46}\})$	21846
6	$\mathcal{O}(0; \{3^{19}, 2^{42}\})$	174762
6	$\mathcal{O}(0; \{3^{22}, 2^{38}\})$	1398102
6	$\mathcal{O}(0; \{3^{25}, 2^{34}\})$	11184810
6	$\mathcal{O}(0; \{3^{28}, 2^{30}\})$	89478486
6	$\mathcal{O}(0; \{3^{31}, 2^{26}\})$	715827882
6	$\mathcal{O}(0; \{3^{34}, 2^{22}\})$	5726623062
6	$\mathcal{O}(0; \{3^{37}, 2^{18}\})$	45812984490
6	$\mathcal{O}(0; \{3^{40}, 2^{14}\})$	366503875926
6	$\mathcal{O}(0; \{3^{43}, 2^{10}\})$	2932031007402
6	$\mathcal{O}(0; \{3^{46}, 2^6\})$	23456248059222
6	$\mathcal{O}(0; \{3^{49}, 2^2\})$	187649984473770
6	$\mathcal{O}(0; \{6, 3^2, 2^{63}\})$	2
6	$\mathcal{O}(0; \{6, 3^5, 2^{59}\})$	22
6	$\mathcal{O}(0; \{6, 3^8, 2^{55}\})$	170
6	$\mathcal{O}(0; \{6, 3^{11}, 2^{51}\})$	1366
6	$\mathcal{O}(0; \{6, 3^{14}, 2^{47}\})$	10922
6	$\mathcal{O}(0; \{6, 3^{17}, 2^{43}\})$	87382
6	$\mathcal{O}(0; \{6, 3^{20}, 2^{39}\})$	699050
6	$\mathcal{O}(0; \{6, 3^{23}, 2^{35}\})$	5592406
6	$\mathcal{O}(0; \{6, 3^{26}, 2^{31}\})$	44739242
6	$\mathcal{O}(0; \{6, 3^{29}, 2^{27}\})$	357913942

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6, 3^{32}, 2^{23}\})$	2863311530
6	$\mathcal{O}(0; \{6, 3^{35}, 2^{19}\})$	22906492246
6	$\mathcal{O}(0; \{6, 3^{38}, 2^{15}\})$	183251937962
6	$\mathcal{O}(0; \{6, 3^{41}, 2^{11}\})$	1466015503702
6	$\mathcal{O}(0; \{6, 3^{44}, 2^7\})$	11728124029610
6	$\mathcal{O}(0; \{6, 3^{47}, 2^3\})$	93824992236886
6	$\mathcal{O}(0; \{6^2, 2^{64}\})$	2
6	$\mathcal{O}(0; \{6^2, 3^3, 2^{60}\})$	10
6	$\mathcal{O}(0; \{6^2, 3^6, 2^{56}\})$	86
6	$\mathcal{O}(0; \{6^2, 3^9, 2^{52}\})$	682
6	$\mathcal{O}(0; \{6^2, 3^{12}, 2^{48}\})$	5462
6	$\mathcal{O}(0; \{6^2, 3^{15}, 2^{44}\})$	43690
6	$\mathcal{O}(0; \{6^2, 3^{18}, 2^{40}\})$	349526
6	$\mathcal{O}(0; \{6^2, 3^{21}, 2^{36}\})$	2796202
6	$\mathcal{O}(0; \{6^2, 3^{24}, 2^{32}\})$	22369622
6	$\mathcal{O}(0; \{6^2, 3^{27}, 2^{28}\})$	178956970
6	$\mathcal{O}(0; \{6^2, 3^{30}, 2^{24}\})$	1431655766
6	$\mathcal{O}(0; \{6^2, 3^{33}, 2^{20}\})$	11453246122
6	$\mathcal{O}(0; \{6^2, 3^{36}, 2^{16}\})$	91625968982
6	$\mathcal{O}(0; \{6^2, 3^{39}, 2^{12}\})$	733007751850
6	$\mathcal{O}(0; \{6^2, 3^{42}, 2^8\})$	5864062014806
6	$\mathcal{O}(0; \{6^2, 3^{45}, 2^4\})$	46912496118442
6	$\mathcal{O}(0; \{6^2, 3^{48}\})$	375299968947542
6	$\mathcal{O}(0; \{6^3, 3, 2^{61}\})$	6
6	$\mathcal{O}(0; \{6^3, 3^4, 2^{57}\})$	42
6	$\mathcal{O}(0; \{6^3, 3^7, 2^{53}\})$	342
6	$\mathcal{O}(0; \{6^3, 3^{10}, 2^{49}\})$	2730
6	$\mathcal{O}(0; \{6^3, 3^{13}, 2^{45}\})$	21846
6	$\mathcal{O}(0; \{6^3, 3^{16}, 2^{41}\})$	174762
6	$\mathcal{O}(0; \{6^3, 3^{19}, 2^{37}\})$	1398102
6	$\mathcal{O}(0; \{6^3, 3^{22}, 2^{33}\})$	11184810
6	$\mathcal{O}(0; \{6^3, 3^{25}, 2^{29}\})$	89478486
6	$\mathcal{O}(0; \{6^3, 3^{28}, 2^{25}\})$	715827882
6	$\mathcal{O}(0; \{6^3, 3^{31}, 2^{21}\})$	5726623062
6	$\mathcal{O}(0; \{6^3, 3^{34}, 2^{17}\})$	45812984490
6	$\mathcal{O}(0; \{6^3, 3^{37}, 2^{13}\})$	366503875926
6	$\mathcal{O}(0; \{6^3, 3^{40}, 2^9\})$	2932031007402
6	$\mathcal{O}(0; \{6^3, 3^{43}, 2^5\})$	23456248059222
6	$\mathcal{O}(0; \{6^3, 3^{46}, 2\})$	187649984473770
6	$\mathcal{O}(0; \{6^4, 3^2, 2^{58}\})$	22
6	$\mathcal{O}(0; \{6^4, 3^5, 2^{54}\})$	170
6	$\mathcal{O}(0; \{6^4, 3^8, 2^{50}\})$	1366
6	$\mathcal{O}(0; \{6^4, 3^{11}, 2^{46}\})$	10922

Continued on next page

Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^4, 3^{14}, 2^{42}\})$	87382
6	$\mathcal{O}(0; \{6^4, 3^{17}, 2^{38}\})$	699050
6	$\mathcal{O}(0; \{6^4, 3^{20}, 2^{34}\})$	5592406
6	$\mathcal{O}(0; \{6^4, 3^{23}, 2^{30}\})$	44739242
6	$\mathcal{O}(0; \{6^4, 3^{26}, 2^{26}\})$	357913942
6	$\mathcal{O}(0; \{6^4, 3^{29}, 2^{22}\})$	2863311530
6	$\mathcal{O}(0; \{6^4, 3^{32}, 2^{18}\})$	22906492246
6	$\mathcal{O}(0; \{6^4, 3^{35}, 2^{14}\})$	183251937962
6	$\mathcal{O}(0; \{6^4, 3^{38}, 2^{10}\})$	1466015503702
6	$\mathcal{O}(0; \{6^4, 3^{41}, 2^6\})$	11728124029610
6	$\mathcal{O}(0; \{6^4, 3^{44}, 2^2\})$	93824992236886
6	$\mathcal{O}(0; \{6^5, 2^{59}\})$	10
6	$\mathcal{O}(0; \{6^5, 3^3, 2^{55}\})$	86
6	$\mathcal{O}(0; \{6^5, 3^6, 2^{51}\})$	682
6	$\mathcal{O}(0; \{6^5, 3^9, 2^{47}\})$	5462
6	$\mathcal{O}(0; \{6^5, 3^{12}, 2^{43}\})$	43690
6	$\mathcal{O}(0; \{6^5, 3^{15}, 2^{39}\})$	349526
6	$\mathcal{O}(0; \{6^5, 3^{18}, 2^{35}\})$	2796202
6	$\mathcal{O}(0; \{6^5, 3^{21}, 2^{31}\})$	22369622
6	$\mathcal{O}(0; \{6^5, 3^{24}, 2^{27}\})$	178956970
6	$\mathcal{O}(0; \{6^5, 3^{27}, 2^{23}\})$	1431655766
6	$\mathcal{O}(0; \{6^5, 3^{30}, 2^{19}\})$	11453246122
6	$\mathcal{O}(0; \{6^5, 3^{33}, 2^{15}\})$	91625968982
6	$\mathcal{O}(0; \{6^5, 3^{36}, 2^{11}\})$	733007751850
6	$\mathcal{O}(0; \{6^5, 3^{39}, 2^7\})$	5864062014806
6	$\mathcal{O}(0; \{6^5, 3^{42}, 2^3\})$	46912496118442
6	$\mathcal{O}(0; \{6^6, 3, 2^{56}\})$	42
6	$\mathcal{O}(0; \{6^6, 3^4, 2^{52}\})$	342
6	$\mathcal{O}(0; \{6^6, 3^7, 2^{48}\})$	2730
6	$\mathcal{O}(0; \{6^6, 3^{10}, 2^{44}\})$	21846
6	$\mathcal{O}(0; \{6^6, 3^{13}, 2^{40}\})$	174762
6	$\mathcal{O}(0; \{6^6, 3^{16}, 2^{36}\})$	1398102
6	$\mathcal{O}(0; \{6^6, 3^{19}, 2^{32}\})$	11184810
6	$\mathcal{O}(0; \{6^6, 3^{22}, 2^{28}\})$	89478486
6	$\mathcal{O}(0; \{6^6, 3^{25}, 2^{24}\})$	715827882
6	$\mathcal{O}(0; \{6^6, 3^{28}, 2^{20}\})$	5726623062
6	$\mathcal{O}(0; \{6^6, 3^{31}, 2^{16}\})$	45812984490
6	$\mathcal{O}(0; \{6^6, 3^{34}, 2^{12}\})$	366503875926
6	$\mathcal{O}(0; \{6^6, 3^{37}, 2^8\})$	2932031007402
6	$\mathcal{O}(0; \{6^6, 3^{40}, 2^4\})$	23456248059222
6	$\mathcal{O}(0; \{6^6, 3^{43}\})$	187649984473770
6	$\mathcal{O}(0; \{6^7, 3^2, 2^{53}\})$	170
6	$\mathcal{O}(0; \{6^7, 3^5, 2^{49}\})$	1366

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^7, 3^8, 2^{45}\})$	10922
6	$\mathcal{O}(0; \{6^7, 3^{11}, 2^{41}\})$	87382
6	$\mathcal{O}(0; \{6^7, 3^{14}, 2^{37}\})$	699050
6	$\mathcal{O}(0; \{6^7, 3^{17}, 2^{33}\})$	5592406
6	$\mathcal{O}(0; \{6^7, 3^{20}, 2^{29}\})$	44739242
6	$\mathcal{O}(0; \{6^7, 3^{23}, 2^{25}\})$	357913942
6	$\mathcal{O}(0; \{6^7, 3^{26}, 2^{21}\})$	2863311530
6	$\mathcal{O}(0; \{6^7, 3^{29}, 2^{17}\})$	22906492246
6	$\mathcal{O}(0; \{6^7, 3^{32}, 2^{13}\})$	183251937962
6	$\mathcal{O}(0; \{6^7, 3^{35}, 2^9\})$	1466015503702
6	$\mathcal{O}(0; \{6^7, 3^{38}, 2^5\})$	11728124029610
6	$\mathcal{O}(0; \{6^7, 3^{41}, 2\})$	93824992236886
6	$\mathcal{O}(0; \{6^8, 2^{54}\})$	86
6	$\mathcal{O}(0; \{6^8, 3^3, 2^{50}\})$	682
6	$\mathcal{O}(0; \{6^8, 3^6, 2^{46}\})$	5462
6	$\mathcal{O}(0; \{6^8, 3^9, 2^{42}\})$	43690
6	$\mathcal{O}(0; \{6^8, 3^{12}, 2^{38}\})$	349526
6	$\mathcal{O}(0; \{6^8, 3^{15}, 2^{34}\})$	2796202
6	$\mathcal{O}(0; \{6^8, 3^{18}, 2^{30}\})$	22369622
6	$\mathcal{O}(0; \{6^8, 3^{21}, 2^{26}\})$	178956970
6	$\mathcal{O}(0; \{6^8, 3^{24}, 2^{22}\})$	1431655766
6	$\mathcal{O}(0; \{6^8, 3^{27}, 2^{18}\})$	11453246122
6	$\mathcal{O}(0; \{6^8, 3^{30}, 2^{14}\})$	91625968982
6	$\mathcal{O}(0; \{6^8, 3^{33}, 2^{10}\})$	733007751850
6	$\mathcal{O}(0; \{6^8, 3^{36}, 2^6\})$	5864062014806
6	$\mathcal{O}(0; \{6^8, 3^{39}, 2^2\})$	46912496118442
6	$\mathcal{O}(0; \{6^9, 3, 2^{51}\})$	342
6	$\mathcal{O}(0; \{6^9, 3^4, 2^{47}\})$	2730
6	$\mathcal{O}(0; \{6^9, 3^7, 2^{43}\})$	21846
6	$\mathcal{O}(0; \{6^9, 3^{10}, 2^{39}\})$	174762
6	$\mathcal{O}(0; \{6^9, 3^{13}, 2^{35}\})$	1398102
6	$\mathcal{O}(0; \{6^9, 3^{16}, 2^{31}\})$	11184810
6	$\mathcal{O}(0; \{6^9, 3^{19}, 2^{27}\})$	89478486
6	$\mathcal{O}(0; \{6^9, 3^{22}, 2^{23}\})$	715827882
6	$\mathcal{O}(0; \{6^9, 3^{25}, 2^{19}\})$	5726623062
6	$\mathcal{O}(0; \{6^9, 3^{28}, 2^{15}\})$	45812984490
6	$\mathcal{O}(0; \{6^9, 3^{31}, 2^{11}\})$	366503875926
6	$\mathcal{O}(0; \{6^9, 3^{34}, 2^7\})$	2932031007402
6	$\mathcal{O}(0; \{6^9, 3^{37}, 2^3\})$	23456248059222
6	$\mathcal{O}(0; \{6^{10}, 3^2, 2^{48}\})$	1366
6	$\mathcal{O}(0; \{6^{10}, 3^5, 2^{44}\})$	10922
6	$\mathcal{O}(0; \{6^{10}, 3^8, 2^{40}\})$	87382
6	$\mathcal{O}(0; \{6^{10}, 3^{11}, 2^{36}\})$	699050

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{10}, 3^{14}, 2^{32}\})$	5592406
6	$\mathcal{O}(0; \{6^{10}, 3^{17}, 2^{28}\})$	44739242
6	$\mathcal{O}(0; \{6^{10}, 3^{20}, 2^{24}\})$	357913942
6	$\mathcal{O}(0; \{6^{10}, 3^{23}, 2^{20}\})$	2863311530
6	$\mathcal{O}(0; \{6^{10}, 3^{26}, 2^{16}\})$	22906492246
6	$\mathcal{O}(0; \{6^{10}, 3^{29}, 2^{12}\})$	183251937962
6	$\mathcal{O}(0; \{6^{10}, 3^{32}, 2^8\})$	1466015503702
6	$\mathcal{O}(0; \{6^{10}, 3^{35}, 2^4\})$	11728124029610
6	$\mathcal{O}(0; \{6^{10}, 3^{38}\})$	93824992236886
6	$\mathcal{O}(0; \{6^{11}, 2^{49}\})$	682
6	$\mathcal{O}(0; \{6^{11}, 3^3, 2^{45}\})$	5462
6	$\mathcal{O}(0; \{6^{11}, 3^6, 2^{41}\})$	43690
6	$\mathcal{O}(0; \{6^{11}, 3^9, 2^{37}\})$	349526
6	$\mathcal{O}(0; \{6^{11}, 3^{12}, 2^{33}\})$	2796202
6	$\mathcal{O}(0; \{6^{11}, 3^{15}, 2^{29}\})$	22369622
6	$\mathcal{O}(0; \{6^{11}, 3^{18}, 2^{25}\})$	178956970
6	$\mathcal{O}(0; \{6^{11}, 3^{21}, 2^{21}\})$	1431655766
6	$\mathcal{O}(0; \{6^{11}, 3^{24}, 2^{17}\})$	11453246122
6	$\mathcal{O}(0; \{6^{11}, 3^{27}, 2^{13}\})$	91625968982
6	$\mathcal{O}(0; \{6^{11}, 3^{30}, 2^9\})$	733007751850
6	$\mathcal{O}(0; \{6^{11}, 3^{33}, 2^5\})$	5864062014806
6	$\mathcal{O}(0; \{6^{11}, 3^{36}, 2\})$	46912496118442
6	$\mathcal{O}(0; \{6^{12}, 3, 2^{46}\})$	2730
6	$\mathcal{O}(0; \{6^{12}, 3^4, 2^{42}\})$	21846
6	$\mathcal{O}(0; \{6^{12}, 3^7, 2^{38}\})$	174762
6	$\mathcal{O}(0; \{6^{12}, 3^{10}, 2^{34}\})$	1398102
6	$\mathcal{O}(0; \{6^{12}, 3^{13}, 2^{30}\})$	11184810
6	$\mathcal{O}(0; \{6^{12}, 3^{16}, 2^{26}\})$	89478486
6	$\mathcal{O}(0; \{6^{12}, 3^{19}, 2^{22}\})$	715827882
6	$\mathcal{O}(0; \{6^{12}, 3^{22}, 2^{18}\})$	5726623062
6	$\mathcal{O}(0; \{6^{12}, 3^{25}, 2^{14}\})$	45812984490
6	$\mathcal{O}(0; \{6^{12}, 3^{28}, 2^{10}\})$	366503875926
6	$\mathcal{O}(0; \{6^{12}, 3^{31}, 2^6\})$	2932031007402
6	$\mathcal{O}(0; \{6^{12}, 3^{34}, 2^2\})$	23456248059222
6	$\mathcal{O}(0; \{6^{13}, 3^2, 2^{43}\})$	10922
6	$\mathcal{O}(0; \{6^{13}, 3^5, 2^{39}\})$	87382
6	$\mathcal{O}(0; \{6^{13}, 3^8, 2^{35}\})$	699050
6	$\mathcal{O}(0; \{6^{13}, 3^{11}, 2^{31}\})$	5592406
6	$\mathcal{O}(0; \{6^{13}, 3^{14}, 2^{27}\})$	44739242
6	$\mathcal{O}(0; \{6^{13}, 3^{17}, 2^{23}\})$	357913942
6	$\mathcal{O}(0; \{6^{13}, 3^{20}, 2^{19}\})$	2863311530
6	$\mathcal{O}(0; \{6^{13}, 3^{23}, 2^{15}\})$	22906492246
6	$\mathcal{O}(0; \{6^{13}, 3^{26}, 2^{11}\})$	183251937962

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{13}, 3^{29}, 2^7\})$	1466015503702
6	$\mathcal{O}(0; \{6^{13}, 3^{32}, 2^3\})$	11728124029610
6	$\mathcal{O}(0; \{6^{14}, 2^{44}\})$	5462
6	$\mathcal{O}(0; \{6^{14}, 3^3, 2^{40}\})$	43690
6	$\mathcal{O}(0; \{6^{14}, 3^6, 2^{36}\})$	349526
6	$\mathcal{O}(0; \{6^{14}, 3^9, 2^{32}\})$	2796202
6	$\mathcal{O}(0; \{6^{14}, 3^{12}, 2^{28}\})$	22369622
6	$\mathcal{O}(0; \{6^{14}, 3^{15}, 2^{24}\})$	178956970
6	$\mathcal{O}(0; \{6^{14}, 3^{18}, 2^{20}\})$	1431655766
6	$\mathcal{O}(0; \{6^{14}, 3^{21}, 2^{16}\})$	11453246122
6	$\mathcal{O}(0; \{6^{14}, 3^{24}, 2^{12}\})$	91625968982
6	$\mathcal{O}(0; \{6^{14}, 3^{27}, 2^8\})$	733007751850
6	$\mathcal{O}(0; \{6^{14}, 3^{30}, 2^4\})$	5864062014806
6	$\mathcal{O}(0; \{6^{14}, 3^{33}\})$	46912496118442
6	$\mathcal{O}(0; \{6^{15}, 3, 2^{41}\})$	21846
6	$\mathcal{O}(0; \{6^{15}, 3^4, 2^{37}\})$	174762
6	$\mathcal{O}(0; \{6^{15}, 3^7, 2^{33}\})$	1398102
6	$\mathcal{O}(0; \{6^{15}, 3^{10}, 2^{29}\})$	11184810
6	$\mathcal{O}(0; \{6^{15}, 3^{13}, 2^{25}\})$	89478486
6	$\mathcal{O}(0; \{6^{15}, 3^{16}, 2^{21}\})$	715827882
6	$\mathcal{O}(0; \{6^{15}, 3^{19}, 2^{17}\})$	5726623062
6	$\mathcal{O}(0; \{6^{15}, 3^{22}, 2^{13}\})$	45812984490
6	$\mathcal{O}(0; \{6^{15}, 3^{25}, 2^9\})$	366503875926
6	$\mathcal{O}(0; \{6^{15}, 3^{28}, 2^5\})$	2932031007402
6	$\mathcal{O}(0; \{6^{15}, 3^{31}, 2\})$	23456248059222
6	$\mathcal{O}(0; \{6^{16}, 3^2, 2^{38}\})$	87382
6	$\mathcal{O}(0; \{6^{16}, 3^5, 2^{34}\})$	699050
6	$\mathcal{O}(0; \{6^{16}, 3^8, 2^{30}\})$	5592406
6	$\mathcal{O}(0; \{6^{16}, 3^{11}, 2^{26}\})$	44739242
6	$\mathcal{O}(0; \{6^{16}, 3^{14}, 2^{22}\})$	357913942
6	$\mathcal{O}(0; \{6^{16}, 3^{17}, 2^{18}\})$	2863311530
6	$\mathcal{O}(0; \{6^{16}, 3^{20}, 2^{14}\})$	22906492246
6	$\mathcal{O}(0; \{6^{16}, 3^{23}, 2^{10}\})$	183251937962
6	$\mathcal{O}(0; \{6^{16}, 3^{26}, 2^6\})$	1466015503702
6	$\mathcal{O}(0; \{6^{16}, 3^{29}, 2^2\})$	11728124029610
6	$\mathcal{O}(0; \{6^{17}, 2^{39}\})$	43690
6	$\mathcal{O}(0; \{6^{17}, 3^3, 2^{35}\})$	349526
6	$\mathcal{O}(0; \{6^{17}, 3^6, 2^{31}\})$	2796202
6	$\mathcal{O}(0; \{6^{17}, 3^9, 2^{27}\})$	22369622
6	$\mathcal{O}(0; \{6^{17}, 3^{12}, 2^{23}\})$	178956970
6	$\mathcal{O}(0; \{6^{17}, 3^{15}, 2^{19}\})$	1431655766
6	$\mathcal{O}(0; \{6^{17}, 3^{18}, 2^{15}\})$	11453246122
6	$\mathcal{O}(0; \{6^{17}, 3^{21}, 2^{11}\})$	91625968982

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{17}, 3^{24}, 2^7\})$	733007751850
6	$\mathcal{O}(0; \{6^{17}, 3^{27}, 2^3\})$	5864062014806
6	$\mathcal{O}(0; \{6^{18}, 3, 2^{36}\})$	174762
6	$\mathcal{O}(0; \{6^{18}, 3^4, 2^{32}\})$	1398102
6	$\mathcal{O}(0; \{6^{18}, 3^7, 2^{28}\})$	11184810
6	$\mathcal{O}(0; \{6^{18}, 3^{10}, 2^{24}\})$	89478486
6	$\mathcal{O}(0; \{6^{18}, 3^{13}, 2^{20}\})$	715827882
6	$\mathcal{O}(0; \{6^{18}, 3^{16}, 2^{16}\})$	5726623062
6	$\mathcal{O}(0; \{6^{18}, 3^{19}, 2^{12}\})$	45812984490
6	$\mathcal{O}(0; \{6^{18}, 3^{22}, 2^8\})$	366503875926
6	$\mathcal{O}(0; \{6^{18}, 3^{25}, 2^4\})$	2932031007402
6	$\mathcal{O}(0; \{6^{18}, 3^{28}\})$	23456248059222
6	$\mathcal{O}(0; \{6^{19}, 3^2, 2^{33}\})$	699050
6	$\mathcal{O}(0; \{6^{19}, 3^5, 2^{29}\})$	5592406
6	$\mathcal{O}(0; \{6^{19}, 3^8, 2^{25}\})$	44739242
6	$\mathcal{O}(0; \{6^{19}, 3^{11}, 2^{21}\})$	357913942
6	$\mathcal{O}(0; \{6^{19}, 3^{14}, 2^{17}\})$	2863311530
6	$\mathcal{O}(0; \{6^{19}, 3^{17}, 2^{13}\})$	22906492246
6	$\mathcal{O}(0; \{6^{19}, 3^{20}, 2^9\})$	183251937962
6	$\mathcal{O}(0; \{6^{19}, 3^{23}, 2^5\})$	1466015503702
6	$\mathcal{O}(0; \{6^{19}, 3^{26}, 2\})$	11728124029610
6	$\mathcal{O}(0; \{6^{20}, 2^{34}\})$	349526
6	$\mathcal{O}(0; \{6^{20}, 3^3, 2^{30}\})$	2796202
6	$\mathcal{O}(0; \{6^{20}, 3^6, 2^{26}\})$	22369622
6	$\mathcal{O}(0; \{6^{20}, 3^9, 2^{22}\})$	178956970
6	$\mathcal{O}(0; \{6^{20}, 3^{12}, 2^{18}\})$	1431655766
6	$\mathcal{O}(0; \{6^{20}, 3^{15}, 2^{14}\})$	11453246122
6	$\mathcal{O}(0; \{6^{20}, 3^{18}, 2^{10}\})$	91625968982
6	$\mathcal{O}(0; \{6^{20}, 3^{21}, 2^6\})$	733007751850
6	$\mathcal{O}(0; \{6^{20}, 3^{24}, 2^2\})$	5864062014806
6	$\mathcal{O}(0; \{6^{21}, 3, 2^{31}\})$	1398102
6	$\mathcal{O}(0; \{6^{21}, 3^4, 2^{27}\})$	11184810
6	$\mathcal{O}(0; \{6^{21}, 3^7, 2^{23}\})$	89478486
6	$\mathcal{O}(0; \{6^{21}, 3^{10}, 2^{19}\})$	715827882
6	$\mathcal{O}(0; \{6^{21}, 3^{13}, 2^{15}\})$	5726623062
6	$\mathcal{O}(0; \{6^{21}, 3^{16}, 2^{11}\})$	45812984490
6	$\mathcal{O}(0; \{6^{21}, 3^{19}, 2^7\})$	366503875926
6	$\mathcal{O}(0; \{6^{21}, 3^{22}, 2^3\})$	2932031007402
6	$\mathcal{O}(0; \{6^{22}, 3^2, 2^{28}\})$	5592406
6	$\mathcal{O}(0; \{6^{22}, 3^5, 2^{24}\})$	44739242
6	$\mathcal{O}(0; \{6^{22}, 3^8, 2^{20}\})$	357913942
6	$\mathcal{O}(0; \{6^{22}, 3^{11}, 2^{16}\})$	2863311530
6	$\mathcal{O}(0; \{6^{22}, 3^{14}, 2^{12}\})$	22906492246

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{22}, 3^{17}, 2^8\})$	183251937962
6	$\mathcal{O}(0; \{6^{22}, 3^{20}, 2^4\})$	1466015503702
6	$\mathcal{O}(0; \{6^{22}, 3^{23}\})$	11728124029610
6	$\mathcal{O}(0; \{6^{23}, 2^{29}\})$	2796202
6	$\mathcal{O}(0; \{6^{23}, 3^3, 2^{25}\})$	22369622
6	$\mathcal{O}(0; \{6^{23}, 3^6, 2^{21}\})$	178956970
6	$\mathcal{O}(0; \{6^{23}, 3^9, 2^{17}\})$	1431655766
6	$\mathcal{O}(0; \{6^{23}, 3^{12}, 2^{13}\})$	11453246122
6	$\mathcal{O}(0; \{6^{23}, 3^{15}, 2^9\})$	91625968982
6	$\mathcal{O}(0; \{6^{23}, 3^{18}, 2^5\})$	733007751850
6	$\mathcal{O}(0; \{6^{23}, 3^{21}, 2\})$	5864062014806
6	$\mathcal{O}(0; \{6^{24}, 3, 2^{26}\})$	11184810
6	$\mathcal{O}(0; \{6^{24}, 3^4, 2^{22}\})$	89478486
6	$\mathcal{O}(0; \{6^{24}, 3^7, 2^{18}\})$	715827882
6	$\mathcal{O}(0; \{6^{24}, 3^{10}, 2^{14}\})$	5726623062
6	$\mathcal{O}(0; \{6^{24}, 3^{13}, 2^{10}\})$	45812984490
6	$\mathcal{O}(0; \{6^{24}, 3^{16}, 2^6\})$	366503875926
6	$\mathcal{O}(0; \{6^{24}, 3^{19}, 2^2\})$	2932031007402
6	$\mathcal{O}(0; \{6^{25}, 3^2, 2^{23}\})$	44739242
6	$\mathcal{O}(0; \{6^{25}, 3^5, 2^{19}\})$	357913942
6	$\mathcal{O}(0; \{6^{25}, 3^8, 2^{15}\})$	2863311530
6	$\mathcal{O}(0; \{6^{25}, 3^{11}, 2^{11}\})$	22906492246
6	$\mathcal{O}(0; \{6^{25}, 3^{14}, 2^7\})$	183251937962
6	$\mathcal{O}(0; \{6^{25}, 3^{17}, 2^3\})$	1466015503702
6	$\mathcal{O}(0; \{6^{26}, 2^{24}\})$	22369622
6	$\mathcal{O}(0; \{6^{26}, 3^3, 2^{20}\})$	178956970
6	$\mathcal{O}(0; \{6^{26}, 3^6, 2^{16}\})$	1431655766
6	$\mathcal{O}(0; \{6^{26}, 3^9, 2^{12}\})$	11453246122
6	$\mathcal{O}(0; \{6^{26}, 3^{12}, 2^8\})$	91625968982
6	$\mathcal{O}(0; \{6^{26}, 3^{15}, 2^4\})$	733007751850
6	$\mathcal{O}(0; \{6^{26}, 3^{18}\})$	5864062014806
6	$\mathcal{O}(0; \{6^{27}, 3, 2^{21}\})$	89478486
6	$\mathcal{O}(0; \{6^{27}, 3^4, 2^{17}\})$	715827882
6	$\mathcal{O}(0; \{6^{27}, 3^7, 2^{13}\})$	5726623062
6	$\mathcal{O}(0; \{6^{27}, 3^{10}, 2^9\})$	45812984490
6	$\mathcal{O}(0; \{6^{27}, 3^{13}, 2^5\})$	366503875926
6	$\mathcal{O}(0; \{6^{27}, 3^{16}, 2\})$	2932031007402
6	$\mathcal{O}(0; \{6^{28}, 3^2, 2^{18}\})$	357913942
6	$\mathcal{O}(0; \{6^{28}, 3^5, 2^{14}\})$	2863311530
6	$\mathcal{O}(0; \{6^{28}, 3^8, 2^{10}\})$	22906492246
6	$\mathcal{O}(0; \{6^{28}, 3^{11}, 2^6\})$	183251937962
6	$\mathcal{O}(0; \{6^{28}, 3^{14}, 2^2\})$	1466015503702
6	$\mathcal{O}(0; \{6^{29}, 2^{19}\})$	178956970

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{29}, 3^3, 2^{15}\})$	1431655766
6	$\mathcal{O}(0; \{6^{29}, 3^6, 2^{11}\})$	11453246122
6	$\mathcal{O}(0; \{6^{29}, 3^9, 2^7\})$	91625968982
6	$\mathcal{O}(0; \{6^{29}, 3^{12}, 2^3\})$	733007751850
6	$\mathcal{O}(0; \{6^{30}, 3, 2^{16}\})$	715827882
6	$\mathcal{O}(0; \{6^{30}, 3^4, 2^{12}\})$	5726623062
6	$\mathcal{O}(0; \{6^{30}, 3^7, 2^8\})$	45812984490
6	$\mathcal{O}(0; \{6^{30}, 3^{10}, 2^4\})$	366503875926
6	$\mathcal{O}(0; \{6^{30}, 3^{13}\})$	2932031007402
6	$\mathcal{O}(0; \{6^{31}, 3^2, 2^{13}\})$	2863311530
6	$\mathcal{O}(0; \{6^{31}, 3^5, 2^9\})$	22906492246
6	$\mathcal{O}(0; \{6^{31}, 3^8, 2^5\})$	183251937962
6	$\mathcal{O}(0; \{6^{31}, 3^{11}, 2\})$	1466015503702
6	$\mathcal{O}(0; \{6^{32}, 2^{14}\})$	1431655766
6	$\mathcal{O}(0; \{6^{32}, 3^3, 2^{10}\})$	11453246122
6	$\mathcal{O}(0; \{6^{32}, 3^6, 2^6\})$	91625968982
6	$\mathcal{O}(0; \{6^{32}, 3^9, 2^2\})$	733007751850
6	$\mathcal{O}(0; \{6^{33}, 3, 2^{11}\})$	5726623062
6	$\mathcal{O}(0; \{6^{33}, 3^4, 2^7\})$	45812984490
6	$\mathcal{O}(0; \{6^{33}, 3^7, 2^3\})$	366503875926
6	$\mathcal{O}(0; \{6^{34}, 3^2, 2^8\})$	22906492246
6	$\mathcal{O}(0; \{6^{34}, 3^5, 2^4\})$	183251937962
6	$\mathcal{O}(0; \{6^{34}, 3^8\})$	1466015503702
6	$\mathcal{O}(0; \{6^{35}, 2^9\})$	11453246122
6	$\mathcal{O}(0; \{6^{35}, 3^3, 2^5\})$	91625968982
6	$\mathcal{O}(0; \{6^{35}, 3^6, 2\})$	733007751850
6	$\mathcal{O}(0; \{6^{36}, 3, 2^6\})$	45812984490
6	$\mathcal{O}(0; \{6^{36}, 3^4, 2^2\})$	366503875926
6	$\mathcal{O}(0; \{6^{37}, 3^2, 2^3\})$	183251937962
6	$\mathcal{O}(0; \{6^{38}, 2^4\})$	91625968982
6	$\mathcal{O}(0; \{6^{38}, 3^3\})$	733007751850
6	$\mathcal{O}(0; \{6^{39}, 3, 2\})$	366503875926
7	$\mathcal{O}(12; \{7^6\})$	1277080488382855718397066
7	$\mathcal{O}(9; \{7^{13}\})$	3038315960575935681530070
7	$\mathcal{O}(6; \{7^{20}\})$	7229419860181696912927626
7	$\mathcal{O}(3; \{7^{27}\})$	17201802633085025676850710
7	$\mathcal{O}(0; \{7^{34}\})$	40930257136867204548301386
8	$\mathcal{O}(12; \{8^2\})$	18889465931478580854784
8	$\mathcal{O}(11; \{8^2, 2^4\})$	295147905179352825856
8	$\mathcal{O}(11; \{8^2, 4^2, 2\})$	1180591620717411303424
8	$\mathcal{O}(10; \{8^2, 2^8\})$	4611686018427387904
8	$\mathcal{O}(10; \{8^2, 4^2, 2^5\})$	18446744073709551616
8	$\mathcal{O}(10; \{8^2, 4^4, 2^2\})$	73786976294838206464

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(10; \{8^4, 4, 2^3\})$	147573952589676412928
8	$\mathcal{O}(10; \{8^4, 4^3\})$	590295810358705651712
8	$\mathcal{O}(10; \{8^6, 2\})$	1180591620717411303424
8	$\mathcal{O}(9; \{8^2, 2^{12}\})$	72057594037927936
8	$\mathcal{O}(9; \{8^2, 4^2, 2^9\})$	288230376151711744
8	$\mathcal{O}(9; \{8^2, 4^4, 2^6\})$	1152921504606846976
8	$\mathcal{O}(9; \{8^2, 4^6, 2^3\})$	4611686018427387904
8	$\mathcal{O}(9; \{8^2, 4^8\})$	18446744073709551616
8	$\mathcal{O}(9; \{8^4, 4, 2^7\})$	2305843009213693952
8	$\mathcal{O}(9; \{8^4, 4^3, 2^4\})$	9223372036854775808
8	$\mathcal{O}(9; \{8^4, 4^5, 2\})$	36893488147419103232
8	$\mathcal{O}(9; \{8^6, 2^5\})$	18446744073709551616
8	$\mathcal{O}(9; \{8^6, 4^2, 2^2\})$	73786976294838206464
8	$\mathcal{O}(9; \{8^8, 4\})$	590295810358705651712
8	$\mathcal{O}(8; \{8^2, 2^{16}\})$	1125899906842624
8	$\mathcal{O}(8; \{8^2, 4^2, 2^{13}\})$	4503599627370496
8	$\mathcal{O}(8; \{8^2, 4^4, 2^{10}\})$	18014398509481984
8	$\mathcal{O}(8; \{8^2, 4^6, 2^7\})$	72057594037927936
8	$\mathcal{O}(8; \{8^2, 4^8, 2^4\})$	288230376151711744
8	$\mathcal{O}(8; \{8^2, 4^{10}, 2\})$	1152921504606846976
8	$\mathcal{O}(8; \{8^4, 4, 2^{11}\})$	36028797018963968
8	$\mathcal{O}(8; \{8^4, 4^3, 2^8\})$	144115188075855872
8	$\mathcal{O}(8; \{8^4, 4^5, 2^5\})$	576460752303423488
8	$\mathcal{O}(8; \{8^4, 4^7, 2^2\})$	2305843009213693952
8	$\mathcal{O}(8; \{8^6, 2^9\})$	288230376151711744
8	$\mathcal{O}(8; \{8^6, 4^2, 2^6\})$	1152921504606846976
8	$\mathcal{O}(8; \{8^6, 4^4, 2^3\})$	4611686018427387904
8	$\mathcal{O}(8; \{8^6, 4^6\})$	18446744073709551616
8	$\mathcal{O}(8; \{8^8, 4, 2^4\})$	9223372036854775808
8	$\mathcal{O}(8; \{8^8, 4^3, 2\})$	36893488147419103232
8	$\mathcal{O}(8; \{8^{10}, 2^2\})$	73786976294838206464
8	$\mathcal{O}(7; \{8^2, 2^{20}\})$	17592186044416
8	$\mathcal{O}(7; \{8^2, 4^2, 2^{17}\})$	70368744177664
8	$\mathcal{O}(7; \{8^2, 4^4, 2^{14}\})$	281474976710656
8	$\mathcal{O}(7; \{8^2, 4^6, 2^{11}\})$	1125899906842624
8	$\mathcal{O}(7; \{8^2, 4^8, 2^8\})$	4503599627370496
8	$\mathcal{O}(7; \{8^2, 4^{10}, 2^5\})$	18014398509481984
8	$\mathcal{O}(7; \{8^2, 4^{12}, 2^2\})$	72057594037927936
8	$\mathcal{O}(7; \{8^4, 4, 2^{15}\})$	562949953421312
8	$\mathcal{O}(7; \{8^4, 4^3, 2^{12}\})$	2251799813685248
8	$\mathcal{O}(7; \{8^4, 4^5, 2^9\})$	9007199254740992
8	$\mathcal{O}(7; \{8^4, 4^7, 2^6\})$	36028797018963968
8	$\mathcal{O}(7; \{8^4, 4^9, 2^3\})$	144115188075855872

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(7; \{8^4, 4^{11}\})$	576460752303423488
8	$\mathcal{O}(7; \{8^6, 2^{13}\})$	4503599627370496
8	$\mathcal{O}(7; \{8^6, 4^2, 2^{10}\})$	18014398509481984
8	$\mathcal{O}(7; \{8^6, 4^4, 2^7\})$	72057594037927936
8	$\mathcal{O}(7; \{8^6, 4^6, 2^4\})$	288230376151711744
8	$\mathcal{O}(7; \{8^6, 4^8, 2\})$	1152921504606846976
8	$\mathcal{O}(7; \{8^8, 4, 2^8\})$	144115188075855872
8	$\mathcal{O}(7; \{8^8, 4^3, 2^5\})$	576460752303423488
8	$\mathcal{O}(7; \{8^8, 4^5, 2^2\})$	2305843009213693952
8	$\mathcal{O}(7; \{8^{10}, 2^6\})$	1152921504606846976
8	$\mathcal{O}(7; \{8^{10}, 4^2, 2^3\})$	4611686018427387904
8	$\mathcal{O}(7; \{8^{10}, 4^4\})$	18446744073709551616
8	$\mathcal{O}(7; \{8^{12}, 4, 2\})$	36893488147419103232
8	$\mathcal{O}(6; \{8^2, 2^{24}\})$	274877906944
8	$\mathcal{O}(6; \{8^2, 4^2, 2^{21}\})$	1099511627776
8	$\mathcal{O}(6; \{8^2, 4^4, 2^{18}\})$	4398046511104
8	$\mathcal{O}(6; \{8^2, 4^6, 2^{15}\})$	17592186044416
8	$\mathcal{O}(6; \{8^2, 4^8, 2^{12}\})$	70368744177664
8	$\mathcal{O}(6; \{8^2, 4^{10}, 2^9\})$	281474976710656
8	$\mathcal{O}(6; \{8^2, 4^{12}, 2^6\})$	112589906842624
8	$\mathcal{O}(6; \{8^2, 4^{14}, 2^3\})$	4503599627370496
8	$\mathcal{O}(6; \{8^2, 4^{16}\})$	18014398509481984
8	$\mathcal{O}(6; \{8^4, 4, 2^{19}\})$	8796093022208
8	$\mathcal{O}(6; \{8^4, 4^3, 2^{16}\})$	35184372088832
8	$\mathcal{O}(6; \{8^4, 4^5, 2^{13}\})$	140737488355328
8	$\mathcal{O}(6; \{8^4, 4^7, 2^{10}\})$	562949953421312
8	$\mathcal{O}(6; \{8^4, 4^9, 2^7\})$	2251799813685248
8	$\mathcal{O}(6; \{8^4, 4^{11}, 2^4\})$	9007199254740992
8	$\mathcal{O}(6; \{8^4, 4^{13}, 2\})$	36028797018963968
8	$\mathcal{O}(6; \{8^6, 2^{17}\})$	70368744177664
8	$\mathcal{O}(6; \{8^6, 4^2, 2^{14}\})$	281474976710656
8	$\mathcal{O}(6; \{8^6, 4^4, 2^{11}\})$	112589906842624
8	$\mathcal{O}(6; \{8^6, 4^6, 2^8\})$	4503599627370496
8	$\mathcal{O}(6; \{8^6, 4^8, 2^5\})$	18014398509481984
8	$\mathcal{O}(6; \{8^6, 4^{10}, 2^2\})$	72057594037927936
8	$\mathcal{O}(6; \{8^8, 4, 2^{12}\})$	2251799813685248
8	$\mathcal{O}(6; \{8^8, 4^3, 2^9\})$	9007199254740992
8	$\mathcal{O}(6; \{8^8, 4^5, 2^6\})$	36028797018963968
8	$\mathcal{O}(6; \{8^8, 4^7, 2^3\})$	144115188075855872
8	$\mathcal{O}(6; \{8^8, 4^9\})$	576460752303423488
8	$\mathcal{O}(6; \{8^{10}, 2^{10}\})$	18014398509481984
8	$\mathcal{O}(6; \{8^{10}, 4^2, 2^7\})$	72057594037927936
8	$\mathcal{O}(6; \{8^{10}, 4^4, 2^4\})$	288230376151711744

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(6; \{8^{10}, 4^6, 2\})$	1152921504606846976
8	$\mathcal{O}(6; \{8^{12}, 4, 2^5\})$	576460752303423488
8	$\mathcal{O}(6; \{8^{12}, 4^3, 2^2\})$	2305843009213693952
8	$\mathcal{O}(6; \{8^{14}, 2^3\})$	4611686018427387904
8	$\mathcal{O}(6; \{8^{14}, 4^2\})$	18446744073709551616
8	$\mathcal{O}(5; \{8^2, 2^{28}\})$	4294967296
8	$\mathcal{O}(5; \{8^2, 4^2, 2^{25}\})$	17179869184
8	$\mathcal{O}(5; \{8^2, 4^4, 2^{22}\})$	68719476736
8	$\mathcal{O}(5; \{8^2, 4^6, 2^{19}\})$	274877906944
8	$\mathcal{O}(5; \{8^2, 4^8, 2^{16}\})$	1099511627776
8	$\mathcal{O}(5; \{8^2, 4^{10}, 2^{13}\})$	4398046511104
8	$\mathcal{O}(5; \{8^2, 4^{12}, 2^{10}\})$	17592186044416
8	$\mathcal{O}(5; \{8^2, 4^{14}, 2^7\})$	70368744177664
8	$\mathcal{O}(5; \{8^2, 4^{16}, 2^4\})$	281474976710656
8	$\mathcal{O}(5; \{8^2, 4^{18}, 2\})$	1125899906842624
8	$\mathcal{O}(5; \{8^4, 4, 2^{23}\})$	137438953472
8	$\mathcal{O}(5; \{8^4, 4^3, 2^{20}\})$	549755813888
8	$\mathcal{O}(5; \{8^4, 4^5, 2^{17}\})$	2190023255552
8	$\mathcal{O}(5; \{8^4, 4^7, 2^{14}\})$	8796093022208
8	$\mathcal{O}(5; \{8^4, 4^9, 2^{11}\})$	35184372088832
8	$\mathcal{O}(5; \{8^4, 4^{11}, 2^8\})$	140737488355328
8	$\mathcal{O}(5; \{8^4, 4^{13}, 2^5\})$	562949953421312
8	$\mathcal{O}(5; \{8^4, 4^{15}, 2^2\})$	2251799813685248
8	$\mathcal{O}(5; \{8^6, 2^{21}\})$	1099511627776
8	$\mathcal{O}(5; \{8^6, 4^2, 2^{18}\})$	4398046511104
8	$\mathcal{O}(5; \{8^6, 4^4, 2^{15}\})$	17592186044416
8	$\mathcal{O}(5; \{8^6, 4^6, 2^{12}\})$	70368744177664
8	$\mathcal{O}(5; \{8^6, 4^8, 2^9\})$	281474976710656
8	$\mathcal{O}(5; \{8^6, 4^{10}, 2^6\})$	1125899906842624
8	$\mathcal{O}(5; \{8^6, 4^{12}, 2^3\})$	4503599627370496
8	$\mathcal{O}(5; \{8^6, 4^{14}\})$	18014398509481984
8	$\mathcal{O}(5; \{8^8, 4, 2^{16}\})$	35184372088832
8	$\mathcal{O}(5; \{8^8, 4^3, 2^{13}\})$	140737488355328
8	$\mathcal{O}(5; \{8^8, 4^5, 2^{10}\})$	562949953421312
8	$\mathcal{O}(5; \{8^8, 4^7, 2^7\})$	2251799813685248
8	$\mathcal{O}(5; \{8^8, 4^9, 2^4\})$	9007199254740992
8	$\mathcal{O}(5; \{8^8, 4^{11}, 2\})$	36028797018963968
8	$\mathcal{O}(5; \{8^{10}, 2^{14}\})$	281474976710656
8	$\mathcal{O}(5; \{8^{10}, 4^2, 2^{11}\})$	1125899906842624
8	$\mathcal{O}(5; \{8^{10}, 4^4, 2^8\})$	4503599627370496
8	$\mathcal{O}(5; \{8^{10}, 4^6, 2^5\})$	18014398509481984
8	$\mathcal{O}(5; \{8^{10}, 4^8, 2^2\})$	72057594037927936
8	$\mathcal{O}(5; \{8^{12}, 4, 2^9\})$	9007199254740992

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(5; \{8^{12}, 4^3, 2^6\})$	36028797018963968
8	$\mathcal{O}(5; \{8^{12}, 4^5, 2^3\})$	144115188075855872
8	$\mathcal{O}(5; \{8^{12}, 4^7\})$	576460752303423488
8	$\mathcal{O}(5; \{8^{14}, 2^7\})$	72057594037927936
8	$\mathcal{O}(5; \{8^{14}, 4^2, 2^4\})$	288230376151711744
8	$\mathcal{O}(5; \{8^{14}, 4^4, 2\})$	1152921504606846976
8	$\mathcal{O}(5; \{8^{16}, 4, 2^2\})$	2305843009213693952
8	$\mathcal{O}(5; \{8^{18}\})$	18446744073709551616
8	$\mathcal{O}(4; \{8^2, 2^{32}\})$	67108864
8	$\mathcal{O}(4; \{8^2, 4^2, 2^{29}\})$	268435456
8	$\mathcal{O}(4; \{8^2, 4^4, 2^{26}\})$	1073741824
8	$\mathcal{O}(4; \{8^2, 4^6, 2^{23}\})$	4294967296
8	$\mathcal{O}(4; \{8^2, 4^8, 2^{20}\})$	17179869184
8	$\mathcal{O}(4; \{8^2, 4^{10}, 2^{17}\})$	68719476736
8	$\mathcal{O}(4; \{8^2, 4^{12}, 2^{14}\})$	274877906944
8	$\mathcal{O}(4; \{8^2, 4^{14}, 2^{11}\})$	1099511627776
8	$\mathcal{O}(4; \{8^2, 4^{16}, 2^8\})$	4398046511104
8	$\mathcal{O}(4; \{8^2, 4^{18}, 2^5\})$	17592186044416
8	$\mathcal{O}(4; \{8^2, 4^{20}, 2^2\})$	70368744177664
8	$\mathcal{O}(4; \{8^4, 4, 2^{27}\})$	2147483648
8	$\mathcal{O}(4; \{8^4, 4^3, 2^{24}\})$	8589934592
8	$\mathcal{O}(4; \{8^4, 4^5, 2^{21}\})$	34359738368
8	$\mathcal{O}(4; \{8^4, 4^7, 2^{18}\})$	137438953472
8	$\mathcal{O}(4; \{8^4, 4^9, 2^{15}\})$	549755813888
8	$\mathcal{O}(4; \{8^4, 4^{11}, 2^{12}\})$	2199023255552
8	$\mathcal{O}(4; \{8^4, 4^{13}, 2^9\})$	8796093022208
8	$\mathcal{O}(4; \{8^4, 4^{15}, 2^6\})$	35184372088832
8	$\mathcal{O}(4; \{8^4, 4^{17}, 2^3\})$	140737488355328
8	$\mathcal{O}(4; \{8^4, 4^{19}\})$	562949953421312
8	$\mathcal{O}(4; \{8^6, 2^{25}\})$	17179869184
8	$\mathcal{O}(4; \{8^6, 4^2, 2^{22}\})$	68719476736
8	$\mathcal{O}(4; \{8^6, 4^4, 2^{19}\})$	274877906944
8	$\mathcal{O}(4; \{8^6, 4^6, 2^{16}\})$	1099511627776
8	$\mathcal{O}(4; \{8^6, 4^8, 2^{13}\})$	4398046511104
8	$\mathcal{O}(4; \{8^6, 4^{10}, 2^{10}\})$	17592186044416
8	$\mathcal{O}(4; \{8^6, 4^{12}, 2^7\})$	70368744177664
8	$\mathcal{O}(4; \{8^6, 4^{14}, 2^4\})$	281474976710656
8	$\mathcal{O}(4; \{8^6, 4^{16}, 2\})$	1125899906842624
8	$\mathcal{O}(4; \{8^8, 4, 2^{20}\})$	549755813888
8	$\mathcal{O}(4; \{8^8, 4^3, 2^{17}\})$	2199023255552
8	$\mathcal{O}(4; \{8^8, 4^5, 2^{14}\})$	8796093022208
8	$\mathcal{O}(4; \{8^8, 4^7, 2^{11}\})$	35184372088832
8	$\mathcal{O}(4; \{8^8, 4^9, 2^8\})$	140737488355328

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(4; \{8^8, 4^{11}, 2^5\})$	562949953421312
8	$\mathcal{O}(4; \{8^8, 4^{13}, 2^2\})$	2251799813685248
8	$\mathcal{O}(4; \{8^{10}, 2^{18}\})$	4398046511104
8	$\mathcal{O}(4; \{8^{10}, 4^2, 2^{15}\})$	17592186044416
8	$\mathcal{O}(4; \{8^{10}, 4^4, 2^{12}\})$	70368744177664
8	$\mathcal{O}(4; \{8^{10}, 4^6, 2^9\})$	281474976710656
8	$\mathcal{O}(4; \{8^{10}, 4^8, 2^6\})$	112589906842624
8	$\mathcal{O}(4; \{8^{10}, 4^{10}, 2^3\})$	4503599627370496
8	$\mathcal{O}(4; \{8^{10}, 4^{12}\})$	18014398509481984
8	$\mathcal{O}(4; \{8^{12}, 4, 2^{13}\})$	140737488355328
8	$\mathcal{O}(4; \{8^{12}, 4^3, 2^{10}\})$	562949953421312
8	$\mathcal{O}(4; \{8^{12}, 4^5, 2^7\})$	2251799813685248
8	$\mathcal{O}(4; \{8^{12}, 4^7, 2^4\})$	9007199254740992
8	$\mathcal{O}(4; \{8^{12}, 4^9, 2\})$	36028797018963968
8	$\mathcal{O}(4; \{8^{14}, 2^{11}\})$	112589906842624
8	$\mathcal{O}(4; \{8^{14}, 4^2, 2^8\})$	4503599627370496
8	$\mathcal{O}(4; \{8^{14}, 4^4, 2^5\})$	18014398509481984
8	$\mathcal{O}(4; \{8^{14}, 4^6, 2^2\})$	72057594037927936
8	$\mathcal{O}(4; \{8^{16}, 4, 2^6\})$	36028797018963968
8	$\mathcal{O}(4; \{8^{16}, 4^3, 2^3\})$	144115188075855872
8	$\mathcal{O}(4; \{8^{16}, 4^5\})$	576460752303423488
8	$\mathcal{O}(4; \{8^{18}, 2^4\})$	288230376151711744
8	$\mathcal{O}(4; \{8^{18}, 4^2, 2\})$	1152921504606846976
8	$\mathcal{O}(3; \{8^2, 2^{36}\})$	1048576
8	$\mathcal{O}(3; \{8^2, 4^2, 2^{33}\})$	4194304
8	$\mathcal{O}(3; \{8^2, 4^4, 2^{30}\})$	16777216
8	$\mathcal{O}(3; \{8^2, 4^6, 2^{27}\})$	67108864
8	$\mathcal{O}(3; \{8^2, 4^8, 2^{24}\})$	268435456
8	$\mathcal{O}(3; \{8^2, 4^{10}, 2^{21}\})$	1073741824
8	$\mathcal{O}(3; \{8^2, 4^{12}, 2^{18}\})$	4294967296
8	$\mathcal{O}(3; \{8^2, 4^{14}, 2^{15}\})$	17179869184
8	$\mathcal{O}(3; \{8^2, 4^{16}, 2^{12}\})$	68719476736
8	$\mathcal{O}(3; \{8^2, 4^{18}, 2^9\})$	274877906944
8	$\mathcal{O}(3; \{8^2, 4^{20}, 2^6\})$	1099511627776
8	$\mathcal{O}(3; \{8^2, 4^{22}, 2^3\})$	4398046511104
8	$\mathcal{O}(3; \{8^2, 4^{24}\})$	17592186044416
8	$\mathcal{O}(3; \{8^4, 4, 2^{31}\})$	33554432
8	$\mathcal{O}(3; \{8^4, 4^3, 2^{28}\})$	134217728
8	$\mathcal{O}(3; \{8^4, 4^5, 2^{25}\})$	536870912
8	$\mathcal{O}(3; \{8^4, 4^7, 2^{22}\})$	2147483648
8	$\mathcal{O}(3; \{8^4, 4^9, 2^{19}\})$	8589934592
8	$\mathcal{O}(3; \{8^4, 4^{11}, 2^{16}\})$	34359738368
8	$\mathcal{O}(3; \{8^4, 4^{13}, 2^{13}\})$	137438953472

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(3; \{8^4, 4^{15}, 2^{10}\})$	549755813888
8	$\mathcal{O}(3; \{8^4, 4^{17}, 2^7\})$	2199023255552
8	$\mathcal{O}(3; \{8^4, 4^{19}, 2^4\})$	8796093022208
8	$\mathcal{O}(3; \{8^4, 4^{21}, 2\})$	35184372088832
8	$\mathcal{O}(3; \{8^6, 2^{29}\})$	268435456
8	$\mathcal{O}(3; \{8^6, 4^2, 2^{26}\})$	1073741824
8	$\mathcal{O}(3; \{8^6, 4^4, 2^{23}\})$	4294967296
8	$\mathcal{O}(3; \{8^6, 4^6, 2^{20}\})$	17179869184
8	$\mathcal{O}(3; \{8^6, 4^8, 2^{17}\})$	68719476736
8	$\mathcal{O}(3; \{8^6, 4^{10}, 2^{14}\})$	274877906944
8	$\mathcal{O}(3; \{8^6, 4^{12}, 2^{11}\})$	1099511627776
8	$\mathcal{O}(3; \{8^6, 4^{14}, 2^8\})$	4398046511104
8	$\mathcal{O}(3; \{8^6, 4^{16}, 2^5\})$	17592186044416
8	$\mathcal{O}(3; \{8^6, 4^{18}, 2^2\})$	70368744177664
8	$\mathcal{O}(3; \{8^8, 4, 2^{24}\})$	8589934592
8	$\mathcal{O}(3; \{8^8, 4^3, 2^{21}\})$	34359738368
8	$\mathcal{O}(3; \{8^8, 4^5, 2^{18}\})$	137438953472
8	$\mathcal{O}(3; \{8^8, 4^7, 2^{15}\})$	549755813888
8	$\mathcal{O}(3; \{8^8, 4^9, 2^{12}\})$	2199023255552
8	$\mathcal{O}(3; \{8^8, 4^{11}, 2^9\})$	8796093022208
8	$\mathcal{O}(3; \{8^8, 4^{13}, 2^6\})$	35184372088832
8	$\mathcal{O}(3; \{8^8, 4^{15}, 2^3\})$	140737488355328
8	$\mathcal{O}(3; \{8^8, 4^{17}\})$	562949953421312
8	$\mathcal{O}(3; \{8^{10}, 2^{22}\})$	68719476736
8	$\mathcal{O}(3; \{8^{10}, 4^2, 2^{19}\})$	274877906944
8	$\mathcal{O}(3; \{8^{10}, 4^4, 2^{16}\})$	1099511627776
8	$\mathcal{O}(3; \{8^{10}, 4^6, 2^{13}\})$	4398046511104
8	$\mathcal{O}(3; \{8^{10}, 4^8, 2^{10}\})$	17592186044416
8	$\mathcal{O}(3; \{8^{10}, 4^{10}, 2^7\})$	70368744177664
8	$\mathcal{O}(3; \{8^{10}, 4^{12}, 2^4\})$	281474976710656
8	$\mathcal{O}(3; \{8^{10}, 4^{14}, 2\})$	1125899906842624
8	$\mathcal{O}(3; \{8^{12}, 4, 2^{17}\})$	2199023255552
8	$\mathcal{O}(3; \{8^{12}, 4^3, 2^{14}\})$	8796093022208
8	$\mathcal{O}(3; \{8^{12}, 4^5, 2^{11}\})$	35184372088832
8	$\mathcal{O}(3; \{8^{12}, 4^7, 2^8\})$	140737488355328
8	$\mathcal{O}(3; \{8^{12}, 4^9, 2^5\})$	562949953421312
8	$\mathcal{O}(3; \{8^{12}, 4^{11}, 2^2\})$	2251799813685248
8	$\mathcal{O}(3; \{8^{14}, 2^{15}\})$	17592186044416
8	$\mathcal{O}(3; \{8^{14}, 4^2, 2^{12}\})$	70368744177664
8	$\mathcal{O}(3; \{8^{14}, 4^4, 2^9\})$	281474976710656
8	$\mathcal{O}(3; \{8^{14}, 4^6, 2^6\})$	1125899906842624
8	$\mathcal{O}(3; \{8^{14}, 4^8, 2^3\})$	4503599627370496
8	$\mathcal{O}(3; \{8^{14}, 4^{10}\})$	18014398509481984

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(3; \{8^{16}, 4, 2^{10}\})$	562949953421312
8	$\mathcal{O}(3; \{8^{16}, 4^3, 2^7\})$	2251799813685248
8	$\mathcal{O}(3; \{8^{16}, 4^5, 2^4\})$	9007199254740992
8	$\mathcal{O}(3; \{8^{16}, 4^7, 2\})$	36028797018963968
8	$\mathcal{O}(3; \{8^{18}, 2^8\})$	4503599627370496
8	$\mathcal{O}(3; \{8^{18}, 4^2, 2^5\})$	18014398509481984
8	$\mathcal{O}(3; \{8^{18}, 4^4, 2^2\})$	72057594037927936
8	$\mathcal{O}(3; \{8^{20}, 4, 2^3\})$	144115188075855872
8	$\mathcal{O}(3; \{8^{20}, 4^3\})$	576460752303423488
8	$\mathcal{O}(3; \{8^{22}, 2\})$	1152921504606846976
8	$\mathcal{O}(2; \{8^2, 2^{40}\})$	16384
8	$\mathcal{O}(2; \{8^2, 4^2, 2^{37}\})$	65536
8	$\mathcal{O}(2; \{8^2, 4^4, 2^{34}\})$	262144
8	$\mathcal{O}(2; \{8^2, 4^6, 2^{31}\})$	1048576
8	$\mathcal{O}(2; \{8^2, 4^8, 2^{28}\})$	4194304
8	$\mathcal{O}(2; \{8^2, 4^{10}, 2^{25}\})$	16777216
8	$\mathcal{O}(2; \{8^2, 4^{12}, 2^{22}\})$	67108864
8	$\mathcal{O}(2; \{8^2, 4^{14}, 2^{19}\})$	268435456
8	$\mathcal{O}(2; \{8^2, 4^{16}, 2^{16}\})$	1073741824
8	$\mathcal{O}(2; \{8^2, 4^{18}, 2^{13}\})$	4294967296
8	$\mathcal{O}(2; \{8^2, 4^{20}, 2^{10}\})$	17179869184
8	$\mathcal{O}(2; \{8^2, 4^{22}, 2^7\})$	68719476736
8	$\mathcal{O}(2; \{8^2, 4^{24}, 2^4\})$	274877906944
8	$\mathcal{O}(2; \{8^2, 4^{26}, 2\})$	1099511627776
8	$\mathcal{O}(2; \{8^4, 4, 2^{35}\})$	524288
8	$\mathcal{O}(2; \{8^4, 4^3, 2^{32}\})$	2097152
8	$\mathcal{O}(2; \{8^4, 4^5, 2^{29}\})$	8388608
8	$\mathcal{O}(2; \{8^4, 4^7, 2^{26}\})$	33554432
8	$\mathcal{O}(2; \{8^4, 4^9, 2^{23}\})$	134217728
8	$\mathcal{O}(2; \{8^4, 4^{11}, 2^{20}\})$	536870912
8	$\mathcal{O}(2; \{8^4, 4^{13}, 2^{17}\})$	2147483648
8	$\mathcal{O}(2; \{8^4, 4^{15}, 2^{14}\})$	8589934592
8	$\mathcal{O}(2; \{8^4, 4^{17}, 2^{11}\})$	34359738368
8	$\mathcal{O}(2; \{8^4, 4^{19}, 2^8\})$	137438953472
8	$\mathcal{O}(2; \{8^4, 4^{21}, 2^5\})$	549755813888
8	$\mathcal{O}(2; \{8^4, 4^{23}, 2^2\})$	2199023255552
8	$\mathcal{O}(2; \{8^6, 2^{33}\})$	4194304
8	$\mathcal{O}(2; \{8^6, 4^2, 2^{30}\})$	16777216
8	$\mathcal{O}(2; \{8^6, 4^4, 2^{27}\})$	67108864
8	$\mathcal{O}(2; \{8^6, 4^6, 2^{24}\})$	268435456
8	$\mathcal{O}(2; \{8^6, 4^8, 2^{21}\})$	1073741824
8	$\mathcal{O}(2; \{8^6, 4^{10}, 2^{18}\})$	4294967296
8	$\mathcal{O}(2; \{8^6, 4^{12}, 2^{15}\})$	17179869184

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{8^6, 4^{14}, 2^{12}\})$	68719476736
8	$\mathcal{O}(2; \{8^6, 4^{16}, 2^9\})$	274877906944
8	$\mathcal{O}(2; \{8^6, 4^{18}, 2^6\})$	1099511627776
8	$\mathcal{O}(2; \{8^6, 4^{20}, 2^3\})$	4398046511104
8	$\mathcal{O}(2; \{8^6, 4^{22}\})$	17592186044416
8	$\mathcal{O}(2; \{8^8, 4, 2^{28}\})$	134217728
8	$\mathcal{O}(2; \{8^8, 4^3, 2^{25}\})$	536870912
8	$\mathcal{O}(2; \{8^8, 4^5, 2^{22}\})$	2147483648
8	$\mathcal{O}(2; \{8^8, 4^7, 2^{19}\})$	8589934592
8	$\mathcal{O}(2; \{8^8, 4^9, 2^{16}\})$	34359738368
8	$\mathcal{O}(2; \{8^8, 4^{11}, 2^{13}\})$	137438953472
8	$\mathcal{O}(2; \{8^8, 4^{13}, 2^{10}\})$	549755813888
8	$\mathcal{O}(2; \{8^8, 4^{15}, 2^7\})$	2199023255552
8	$\mathcal{O}(2; \{8^8, 4^{17}, 2^4\})$	8796093022208
8	$\mathcal{O}(2; \{8^8, 4^{19}, 2\})$	35184372088832
8	$\mathcal{O}(2; \{8^{10}, 2^{26}\})$	1073741824
8	$\mathcal{O}(2; \{8^{10}, 4^2, 2^{23}\})$	4294967296
8	$\mathcal{O}(2; \{8^{10}, 4^4, 2^{20}\})$	17179869184
8	$\mathcal{O}(2; \{8^{10}, 4^6, 2^{17}\})$	68719476736
8	$\mathcal{O}(2; \{8^{10}, 4^8, 2^{14}\})$	274877906944
8	$\mathcal{O}(2; \{8^{10}, 4^{10}, 2^{11}\})$	1099511627776
8	$\mathcal{O}(2; \{8^{10}, 4^{12}, 2^8\})$	4398046511104
8	$\mathcal{O}(2; \{8^{10}, 4^{14}, 2^5\})$	17592186044416
8	$\mathcal{O}(2; \{8^{10}, 4^{16}, 2^2\})$	70368744177664
8	$\mathcal{O}(2; \{8^{12}, 4, 2^{21}\})$	34359738368
8	$\mathcal{O}(2; \{8^{12}, 4^3, 2^{18}\})$	137438953472
8	$\mathcal{O}(2; \{8^{12}, 4^5, 2^{15}\})$	549755813888
8	$\mathcal{O}(2; \{8^{12}, 4^7, 2^{12}\})$	2199023255552
8	$\mathcal{O}(2; \{8^{12}, 4^9, 2^9\})$	8796093022208
8	$\mathcal{O}(2; \{8^{12}, 4^{11}, 2^6\})$	35184372088832
8	$\mathcal{O}(2; \{8^{12}, 4^{13}, 2^3\})$	140737488355328
8	$\mathcal{O}(2; \{8^{12}, 4^{15}\})$	562949953421312
8	$\mathcal{O}(2; \{8^{14}, 2^{19}\})$	274877906944
8	$\mathcal{O}(2; \{8^{14}, 4^2, 2^{16}\})$	1099511627776
8	$\mathcal{O}(2; \{8^{14}, 4^4, 2^{13}\})$	4398046511104
8	$\mathcal{O}(2; \{8^{14}, 4^6, 2^{10}\})$	17592186044416
8	$\mathcal{O}(2; \{8^{14}, 4^8, 2^7\})$	70368744177664
8	$\mathcal{O}(2; \{8^{14}, 4^{10}, 2^4\})$	281474976710656
8	$\mathcal{O}(2; \{8^{14}, 4^{12}, 2\})$	1125899906842624
8	$\mathcal{O}(2; \{8^{16}, 4, 2^{14}\})$	8796093022208
8	$\mathcal{O}(2; \{8^{16}, 4^3, 2^{11}\})$	35184372088832
8	$\mathcal{O}(2; \{8^{16}, 4^5, 2^8\})$	140737488355328
8	$\mathcal{O}(2; \{8^{16}, 4^7, 2^5\})$	562949953421312

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{8^{16}, 4^9, 2^2\})$	2251799813685248
8	$\mathcal{O}(2; \{8^{18}, 2^{12}\})$	70368744177664
8	$\mathcal{O}(2; \{8^{18}, 4^2, 2^9\})$	281474976710656
8	$\mathcal{O}(2; \{8^{18}, 4^4, 2^6\})$	1125899906842624
8	$\mathcal{O}(2; \{8^{18}, 4^6, 2^3\})$	4503599627370496
8	$\mathcal{O}(2; \{8^{18}, 4^8\})$	18014398509481984
8	$\mathcal{O}(2; \{8^{20}, 4, 2^7\})$	2251799813685248
8	$\mathcal{O}(2; \{8^{20}, 4^3, 2^4\})$	9007199254740992
8	$\mathcal{O}(2; \{8^{20}, 4^5, 2\})$	36028797018963968
8	$\mathcal{O}(2; \{8^{22}, 2^5\})$	18014398509481984
8	$\mathcal{O}(2; \{8^{22}, 4^2, 2^2\})$	72057594037927936
8	$\mathcal{O}(2; \{8^{24}, 4\})$	576460752303423488
8	$\mathcal{O}(1; \{8^2, 2^{44}\})$	256
8	$\mathcal{O}(1; \{8^2, 4^2, 2^{41}\})$	1024
8	$\mathcal{O}(1; \{8^2, 4^4, 2^{38}\})$	4096
8	$\mathcal{O}(1; \{8^2, 4^6, 2^{35}\})$	16384
8	$\mathcal{O}(1; \{8^2, 4^8, 2^{32}\})$	65536
8	$\mathcal{O}(1; \{8^2, 4^{10}, 2^{29}\})$	262144
8	$\mathcal{O}(1; \{8^2, 4^{12}, 2^{26}\})$	1048576
8	$\mathcal{O}(1; \{8^2, 4^{14}, 2^{23}\})$	4194304
8	$\mathcal{O}(1; \{8^2, 4^{16}, 2^{20}\})$	16777216
8	$\mathcal{O}(1; \{8^2, 4^{18}, 2^{17}\})$	67108864
8	$\mathcal{O}(1; \{8^2, 4^{20}, 2^{14}\})$	268435456
8	$\mathcal{O}(1; \{8^2, 4^{22}, 2^{11}\})$	1073741824
8	$\mathcal{O}(1; \{8^2, 4^{24}, 2^8\})$	4294967296
8	$\mathcal{O}(1; \{8^2, 4^{26}, 2^5\})$	17179869184
8	$\mathcal{O}(1; \{8^2, 4^{28}, 2^2\})$	68719476736
8	$\mathcal{O}(1; \{8^4, 4, 2^{39}\})$	8192
8	$\mathcal{O}(1; \{8^4, 4^3, 2^{36}\})$	32768
8	$\mathcal{O}(1; \{8^4, 4^5, 2^{33}\})$	131072
8	$\mathcal{O}(1; \{8^4, 4^7, 2^{30}\})$	524288
8	$\mathcal{O}(1; \{8^4, 4^9, 2^{27}\})$	2097152
8	$\mathcal{O}(1; \{8^4, 4^{11}, 2^{24}\})$	8388608
8	$\mathcal{O}(1; \{8^4, 4^{13}, 2^{21}\})$	33554432
8	$\mathcal{O}(1; \{8^4, 4^{15}, 2^{18}\})$	134217728
8	$\mathcal{O}(1; \{8^4, 4^{17}, 2^{15}\})$	536870912
8	$\mathcal{O}(1; \{8^4, 4^{19}, 2^{12}\})$	2147483648
8	$\mathcal{O}(1; \{8^4, 4^{21}, 2^9\})$	8589934592
8	$\mathcal{O}(1; \{8^4, 4^{23}, 2^6\})$	34359738368
8	$\mathcal{O}(1; \{8^4, 4^{25}, 2^3\})$	137438953472
8	$\mathcal{O}(1; \{8^4, 4^{27}\})$	549755813888
8	$\mathcal{O}(1; \{8^6, 2^{37}\})$	65536
8	$\mathcal{O}(1; \{8^6, 4^2, 2^{34}\})$	262144

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{8^6, 4^4, 2^{31}\})$	1048576
8	$\mathcal{O}(1; \{8^6, 4^6, 2^{28}\})$	4194304
8	$\mathcal{O}(1; \{8^6, 4^8, 2^{25}\})$	16777216
8	$\mathcal{O}(1; \{8^6, 4^{10}, 2^{22}\})$	67108864
8	$\mathcal{O}(1; \{8^6, 4^{12}, 2^{19}\})$	268435456
8	$\mathcal{O}(1; \{8^6, 4^{14}, 2^{16}\})$	1073741824
8	$\mathcal{O}(1; \{8^6, 4^{16}, 2^{13}\})$	4294967296
8	$\mathcal{O}(1; \{8^6, 4^{18}, 2^{10}\})$	17179869184
8	$\mathcal{O}(1; \{8^6, 4^{20}, 2^7\})$	68719476736
8	$\mathcal{O}(1; \{8^6, 4^{22}, 2^4\})$	274877906944
8	$\mathcal{O}(1; \{8^6, 4^{24}, 2\})$	1099511627776
8	$\mathcal{O}(1; \{8^8, 4, 2^{32}\})$	2097152
8	$\mathcal{O}(1; \{8^8, 4^3, 2^{29}\})$	8388608
8	$\mathcal{O}(1; \{8^8, 4^5, 2^{26}\})$	33554432
8	$\mathcal{O}(1; \{8^8, 4^7, 2^{23}\})$	134217728
8	$\mathcal{O}(1; \{8^8, 4^9, 2^{20}\})$	536870912
8	$\mathcal{O}(1; \{8^8, 4^{11}, 2^{17}\})$	2147483648
8	$\mathcal{O}(1; \{8^8, 4^{13}, 2^{14}\})$	8589934592
8	$\mathcal{O}(1; \{8^8, 4^{15}, 2^{11}\})$	34359738368
8	$\mathcal{O}(1; \{8^8, 4^{17}, 2^8\})$	137438953472
8	$\mathcal{O}(1; \{8^8, 4^{19}, 2^5\})$	549755813888
8	$\mathcal{O}(1; \{8^8, 4^{21}, 2^2\})$	2199023255552
8	$\mathcal{O}(1; \{8^{10}, 2^{30}\})$	16777216
8	$\mathcal{O}(1; \{8^{10}, 4^2, 2^{27}\})$	67108864
8	$\mathcal{O}(1; \{8^{10}, 4^4, 2^{24}\})$	268435456
8	$\mathcal{O}(1; \{8^{10}, 4^6, 2^{21}\})$	1073741824
8	$\mathcal{O}(1; \{8^{10}, 4^8, 2^{18}\})$	4294967296
8	$\mathcal{O}(1; \{8^{10}, 4^{10}, 2^{15}\})$	17179869184
8	$\mathcal{O}(1; \{8^{10}, 4^{12}, 2^{12}\})$	68719476736
8	$\mathcal{O}(1; \{8^{10}, 4^{14}, 2^9\})$	274877906944
8	$\mathcal{O}(1; \{8^{10}, 4^{16}, 2^6\})$	1099511627776
8	$\mathcal{O}(1; \{8^{10}, 4^{18}, 2^3\})$	4398046511104
8	$\mathcal{O}(1; \{8^{10}, 4^{20}\})$	17592186044416
8	$\mathcal{O}(1; \{8^{12}, 4, 2^{25}\})$	536870912
8	$\mathcal{O}(1; \{8^{12}, 4^3, 2^{22}\})$	2147483648
8	$\mathcal{O}(1; \{8^{12}, 4^5, 2^{19}\})$	8589934592
8	$\mathcal{O}(1; \{8^{12}, 4^7, 2^{16}\})$	34359738368
8	$\mathcal{O}(1; \{8^{12}, 4^9, 2^{13}\})$	137438953472
8	$\mathcal{O}(1; \{8^{12}, 4^{11}, 2^{10}\})$	549755813888
8	$\mathcal{O}(1; \{8^{12}, 4^{13}, 2^7\})$	2199023255552
8	$\mathcal{O}(1; \{8^{12}, 4^{15}, 2^4\})$	8796093022208
8	$\mathcal{O}(1; \{8^{12}, 4^{17}, 2\})$	35184372088832
8	$\mathcal{O}(1; \{8^{14}, 2^{23}\})$	4294967296

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{8^{14}, 4^2, 2^{20}\})$	17179869184
8	$\mathcal{O}(1; \{8^{14}, 4^4, 2^{17}\})$	68719476736
8	$\mathcal{O}(1; \{8^{14}, 4^6, 2^{14}\})$	274877906944
8	$\mathcal{O}(1; \{8^{14}, 4^8, 2^{11}\})$	1099511627776
8	$\mathcal{O}(1; \{8^{14}, 4^{10}, 2^8\})$	4398046511104
8	$\mathcal{O}(1; \{8^{14}, 4^{12}, 2^5\})$	17592186044416
8	$\mathcal{O}(1; \{8^{14}, 4^{14}, 2^2\})$	70368744177664
8	$\mathcal{O}(1; \{8^{16}, 4, 2^{18}\})$	137438953472
8	$\mathcal{O}(1; \{8^{16}, 4^3, 2^{15}\})$	549755813888
8	$\mathcal{O}(1; \{8^{16}, 4^5, 2^{12}\})$	2199023255552
8	$\mathcal{O}(1; \{8^{16}, 4^7, 2^9\})$	8796093022208
8	$\mathcal{O}(1; \{8^{16}, 4^9, 2^6\})$	35184372088832
8	$\mathcal{O}(1; \{8^{16}, 4^{11}, 2^3\})$	140737488355328
8	$\mathcal{O}(1; \{8^{16}, 4^{13}\})$	562949953421312
8	$\mathcal{O}(1; \{8^{18}, 2^{16}\})$	1099511627776
8	$\mathcal{O}(1; \{8^{18}, 4^2, 2^{13}\})$	4398046511104
8	$\mathcal{O}(1; \{8^{18}, 4^4, 2^{10}\})$	17592186044416
8	$\mathcal{O}(1; \{8^{18}, 4^6, 2^7\})$	70368744177664
8	$\mathcal{O}(1; \{8^{18}, 4^8, 2^4\})$	281474976710656
8	$\mathcal{O}(1; \{8^{18}, 4^{10}, 2\})$	1125899906842624
8	$\mathcal{O}(1; \{8^{20}, 4, 2^{11}\})$	35184372088832
8	$\mathcal{O}(1; \{8^{20}, 4^3, 2^8\})$	140737488355328
8	$\mathcal{O}(1; \{8^{20}, 4^5, 2^5\})$	562949953421312
8	$\mathcal{O}(1; \{8^{20}, 4^7, 2^2\})$	2251799813685248
8	$\mathcal{O}(1; \{8^{22}, 2^9\})$	281474976710656
8	$\mathcal{O}(1; \{8^{22}, 4^2, 2^6\})$	1125899906842624
8	$\mathcal{O}(1; \{8^{22}, 4^4, 2^3\})$	4503599627370496
8	$\mathcal{O}(1; \{8^{22}, 4^6\})$	18014398509481984
8	$\mathcal{O}(1; \{8^{24}, 4, 2^4\})$	9007199254740992
8	$\mathcal{O}(1; \{8^{24}, 4^3, 2\})$	36028797018963968
8	$\mathcal{O}(1; \{8^{26}, 2^2\})$	72057594037927936
8	$\mathcal{O}(0; \{8^2, 2^{48}\})$	4
8	$\mathcal{O}(0; \{8^2, 4^2, 2^{45}\})$	16
8	$\mathcal{O}(0; \{8^2, 4^4, 2^{42}\})$	64
8	$\mathcal{O}(0; \{8^2, 4^6, 2^{39}\})$	256
8	$\mathcal{O}(0; \{8^2, 4^8, 2^{36}\})$	1024
8	$\mathcal{O}(0; \{8^2, 4^{10}, 2^{33}\})$	4096
8	$\mathcal{O}(0; \{8^2, 4^{12}, 2^{30}\})$	16384
8	$\mathcal{O}(0; \{8^2, 4^{14}, 2^{27}\})$	65536
8	$\mathcal{O}(0; \{8^2, 4^{16}, 2^{24}\})$	262144
8	$\mathcal{O}(0; \{8^2, 4^{18}, 2^{21}\})$	1048576
8	$\mathcal{O}(0; \{8^2, 4^{20}, 2^{18}\})$	4194304
8	$\mathcal{O}(0; \{8^2, 4^{22}, 2^{15}\})$	16777216

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{8^2, 4^{24}, 2^{12}\})$	67108864
8	$\mathcal{O}(0; \{8^2, 4^{26}, 2^9\})$	268435456
8	$\mathcal{O}(0; \{8^2, 4^{28}, 2^6\})$	1073741824
8	$\mathcal{O}(0; \{8^2, 4^{30}, 2^3\})$	4294967296
8	$\mathcal{O}(0; \{8^2, 4^{32}\})$	17179869184
8	$\mathcal{O}(0; \{8^4, 4, 2^{43}\})$	128
8	$\mathcal{O}(0; \{8^4, 4^3, 2^{40}\})$	512
8	$\mathcal{O}(0; \{8^4, 4^5, 2^{37}\})$	2048
8	$\mathcal{O}(0; \{8^4, 4^7, 2^{34}\})$	8192
8	$\mathcal{O}(0; \{8^4, 4^9, 2^{31}\})$	32768
8	$\mathcal{O}(0; \{8^4, 4^{11}, 2^{28}\})$	131072
8	$\mathcal{O}(0; \{8^4, 4^{13}, 2^{25}\})$	524288
8	$\mathcal{O}(0; \{8^4, 4^{15}, 2^{22}\})$	2097152
8	$\mathcal{O}(0; \{8^4, 4^{17}, 2^{19}\})$	8388608
8	$\mathcal{O}(0; \{8^4, 4^{19}, 2^{16}\})$	33554432
8	$\mathcal{O}(0; \{8^4, 4^{21}, 2^{13}\})$	134217728
8	$\mathcal{O}(0; \{8^4, 4^{23}, 2^{10}\})$	536870912
8	$\mathcal{O}(0; \{8^4, 4^{25}, 2^7\})$	2147483648
8	$\mathcal{O}(0; \{8^4, 4^{27}, 2^4\})$	8589934592
8	$\mathcal{O}(0; \{8^4, 4^{29}, 2\})$	34359738368
8	$\mathcal{O}(0; \{8^6, 2^{41}\})$	1024
8	$\mathcal{O}(0; \{8^6, 4^2, 2^{38}\})$	4096
8	$\mathcal{O}(0; \{8^6, 4^4, 2^{35}\})$	16384
8	$\mathcal{O}(0; \{8^6, 4^6, 2^{32}\})$	65536
8	$\mathcal{O}(0; \{8^6, 4^8, 2^{29}\})$	262144
8	$\mathcal{O}(0; \{8^6, 4^{10}, 2^{26}\})$	1048576
8	$\mathcal{O}(0; \{8^6, 4^{12}, 2^{23}\})$	4194304
8	$\mathcal{O}(0; \{8^6, 4^{14}, 2^{20}\})$	16777216
8	$\mathcal{O}(0; \{8^6, 4^{16}, 2^{17}\})$	67108864
8	$\mathcal{O}(0; \{8^6, 4^{18}, 2^{14}\})$	268435456
8	$\mathcal{O}(0; \{8^6, 4^{20}, 2^{11}\})$	1073741824
8	$\mathcal{O}(0; \{8^6, 4^{22}, 2^8\})$	4294967296
8	$\mathcal{O}(0; \{8^6, 4^{24}, 2^5\})$	17179869184
8	$\mathcal{O}(0; \{8^6, 4^{26}, 2^2\})$	68719476736
8	$\mathcal{O}(0; \{8^8, 4, 2^{36}\})$	32768
8	$\mathcal{O}(0; \{8^8, 4^3, 2^{33}\})$	131072
8	$\mathcal{O}(0; \{8^8, 4^5, 2^{30}\})$	524288
8	$\mathcal{O}(0; \{8^8, 4^7, 2^{27}\})$	2097152
8	$\mathcal{O}(0; \{8^8, 4^9, 2^{24}\})$	8388608
8	$\mathcal{O}(0; \{8^8, 4^{11}, 2^{21}\})$	33554432
8	$\mathcal{O}(0; \{8^8, 4^{13}, 2^{18}\})$	134217728
8	$\mathcal{O}(0; \{8^8, 4^{15}, 2^{15}\})$	536870912
8	$\mathcal{O}(0; \{8^8, 4^{17}, 2^{12}\})$	2147483648

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{8^8, 4^{19}, 2^9\})$	8589934592
8	$\mathcal{O}(0; \{8^8, 4^{21}, 2^6\})$	34359738368
8	$\mathcal{O}(0; \{8^8, 4^{23}, 2^3\})$	137438953472
8	$\mathcal{O}(0; \{8^8, 4^{25}\})$	549755813888
8	$\mathcal{O}(0; \{8^{10}, 2^{34}\})$	262144
8	$\mathcal{O}(0; \{8^{10}, 4^2, 2^{31}\})$	1048576
8	$\mathcal{O}(0; \{8^{10}, 4^4, 2^{28}\})$	4194304
8	$\mathcal{O}(0; \{8^{10}, 4^6, 2^{25}\})$	16777216
8	$\mathcal{O}(0; \{8^{10}, 4^8, 2^{22}\})$	67108864
8	$\mathcal{O}(0; \{8^{10}, 4^{10}, 2^{19}\})$	268435456
8	$\mathcal{O}(0; \{8^{10}, 4^{12}, 2^{16}\})$	1073741824
8	$\mathcal{O}(0; \{8^{10}, 4^{14}, 2^{13}\})$	4294967296
8	$\mathcal{O}(0; \{8^{10}, 4^{16}, 2^{10}\})$	17179869184
8	$\mathcal{O}(0; \{8^{10}, 4^{18}, 2^7\})$	68719476736
8	$\mathcal{O}(0; \{8^{10}, 4^{20}, 2^4\})$	274877906944
8	$\mathcal{O}(0; \{8^{10}, 4^{22}, 2\})$	1099511627776
8	$\mathcal{O}(0; \{8^{12}, 4, 2^{29}\})$	8388608
8	$\mathcal{O}(0; \{8^{12}, 4^3, 2^{26}\})$	33554432
8	$\mathcal{O}(0; \{8^{12}, 4^5, 2^{23}\})$	134217728
8	$\mathcal{O}(0; \{8^{12}, 4^7, 2^{20}\})$	536870912
8	$\mathcal{O}(0; \{8^{12}, 4^9, 2^{17}\})$	2147483648
8	$\mathcal{O}(0; \{8^{12}, 4^{11}, 2^{14}\})$	8589934592
8	$\mathcal{O}(0; \{8^{12}, 4^{13}, 2^{11}\})$	34359738368
8	$\mathcal{O}(0; \{8^{12}, 4^{15}, 2^8\})$	137438953472
8	$\mathcal{O}(0; \{8^{12}, 4^{17}, 2^5\})$	549755813888
8	$\mathcal{O}(0; \{8^{12}, 4^{19}, 2^2\})$	2199023255552
8	$\mathcal{O}(0; \{8^{14}, 2^{27}\})$	67108864
8	$\mathcal{O}(0; \{8^{14}, 4^2, 2^{24}\})$	268435456
8	$\mathcal{O}(0; \{8^{14}, 4^4, 2^{21}\})$	1073741824
8	$\mathcal{O}(0; \{8^{14}, 4^6, 2^{18}\})$	4294967296
8	$\mathcal{O}(0; \{8^{14}, 4^8, 2^{15}\})$	17179869184
8	$\mathcal{O}(0; \{8^{14}, 4^{10}, 2^{12}\})$	68719476736
8	$\mathcal{O}(0; \{8^{14}, 4^{12}, 2^9\})$	274877906944
8	$\mathcal{O}(0; \{8^{14}, 4^{14}, 2^6\})$	1099511627776
8	$\mathcal{O}(0; \{8^{14}, 4^{16}, 2^3\})$	4398046511104
8	$\mathcal{O}(0; \{8^{14}, 4^{18}\})$	17592186044416
8	$\mathcal{O}(0; \{8^{16}, 4, 2^{22}\})$	2147483648
8	$\mathcal{O}(0; \{8^{16}, 4^3, 2^{19}\})$	8589934592
8	$\mathcal{O}(0; \{8^{16}, 4^5, 2^{16}\})$	34359738368
8	$\mathcal{O}(0; \{8^{16}, 4^7, 2^{13}\})$	137438953472
8	$\mathcal{O}(0; \{8^{16}, 4^9, 2^{10}\})$	549755813888
8	$\mathcal{O}(0; \{8^{16}, 4^{11}, 2^7\})$	2199023255552
8	$\mathcal{O}(0; \{8^{16}, 4^{13}, 2^4\})$	8796093022208

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{8^{16}, 4^{15}, 2\})$	35184372088832
8	$\mathcal{O}(0; \{8^{18}, 2^{20}\})$	17179869184
8	$\mathcal{O}(0; \{8^{18}, 4^2, 2^{17}\})$	68719476736
8	$\mathcal{O}(0; \{8^{18}, 4^4, 2^{14}\})$	274877906944
8	$\mathcal{O}(0; \{8^{18}, 4^6, 2^{11}\})$	1099511627776
8	$\mathcal{O}(0; \{8^{18}, 4^8, 2^8\})$	4398046511104
8	$\mathcal{O}(0; \{8^{18}, 4^{10}, 2^5\})$	17592186044416
8	$\mathcal{O}(0; \{8^{18}, 4^{12}, 2^2\})$	70368744177664
8	$\mathcal{O}(0; \{8^{20}, 4, 2^{15}\})$	549755813888
8	$\mathcal{O}(0; \{8^{20}, 4^3, 2^{12}\})$	2199023255552
8	$\mathcal{O}(0; \{8^{20}, 4^5, 2^9\})$	8796093022208
8	$\mathcal{O}(0; \{8^{20}, 4^7, 2^6\})$	35184372088832
8	$\mathcal{O}(0; \{8^{20}, 4^9, 2^3\})$	140737488355328
8	$\mathcal{O}(0; \{8^{20}, 4^{11}\})$	562949953421312
8	$\mathcal{O}(0; \{8^{22}, 2^{13}\})$	4398046511104
8	$\mathcal{O}(0; \{8^{22}, 4^2, 2^{10}\})$	17592186044416
8	$\mathcal{O}(0; \{8^{22}, 4^4, 2^7\})$	70368744177664
8	$\mathcal{O}(0; \{8^{22}, 4^6, 2^4\})$	281474976710656
8	$\mathcal{O}(0; \{8^{22}, 4^8, 2\})$	112589906842624
8	$\mathcal{O}(0; \{8^{24}, 4, 2^8\})$	140737488355328
8	$\mathcal{O}(0; \{8^{24}, 4^3, 2^5\})$	562949953421312
8	$\mathcal{O}(0; \{8^{24}, 4^5, 2^2\})$	2251799813685248
8	$\mathcal{O}(0; \{8^{26}, 2^6\})$	112589906842624
8	$\mathcal{O}(0; \{8^{26}, 4^2, 2^3\})$	4503599627370496
8	$\mathcal{O}(0; \{8^{26}, 4^4\})$	18014398509481984
8	$\mathcal{O}(0; \{8^{28}, 4, 2\})$	36028797018963968
9	$\mathcal{O}(10; \{9^2, 3^2\})$	291783971017366291224
9	$\mathcal{O}(9; \{9^2, 3^5\})$	28818169977023831232
9	$\mathcal{O}(9; \{9^5, 3\})$	243153309181138576020
9	$\mathcal{O}(8; \{9^2, 3^8\})$	2846239010076427776
9	$\mathcal{O}(8; \{9^5, 3^4\})$	24015141647519859360
9	$\mathcal{O}(8; \{9^8\})$	348519743159631958962
9	$\mathcal{O}(7; \{9^2, 3^{11}\})$	281110025686560768
9	$\mathcal{O}(7; \{9^5, 3^7\})$	2371865841730356480
9	$\mathcal{O}(7; \{9^8, 3^3\})$	34421703028111798416
9	$\mathcal{O}(6; \{9^2, 3^{14}\})$	27763953154228224
9	$\mathcal{O}(6; \{9^5, 3^{10}\})$	234258354738800640
9	$\mathcal{O}(6; \{9^8, 3^6\})$	3399674373146844288
9	$\mathcal{O}(6; \{9^{11}, 3^2\})$	45495351676690400232
9	$\mathcal{O}(5; \{9^2, 3^{17}\})$	2742118830047232
9	$\mathcal{O}(5; \{9^5, 3^{13}\})$	23136627628523520
9	$\mathcal{O}(5; \{9^8, 3^9\})$	335770308458947584
9	$\mathcal{O}(5; \{9^{11}, 3^5\})$	4493368066833619776

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
9	$\mathcal{O}(5; \{9^{14}, 3\})$	60727177629052533252
9	$\mathcal{O}(4; \{9^2, 3^{20}\})$	270826551115776
9	$\mathcal{O}(4; \{9^5, 3^{16}\})$	2285099025039360
9	$\mathcal{O}(4; \{9^8, 3^{12}\})$	33162499600883712
9	$\mathcal{O}(4; \{9^{11}, 3^8\})$	443789438699616768
9	$\mathcal{O}(4; \{9^{14}, 3^4\})$	5997745938671855136
9	$\mathcal{O}(4; \{9^{17}\})$	80958452050936933290
9	$\mathcal{O}(3; \{9^2, 3^{23}\})$	26748301344768
9	$\mathcal{O}(3; \{9^5, 3^{19}\})$	225688792596480
9	$\mathcal{O}(3; \{9^8, 3^{15}\})$	3275308602556416
9	$\mathcal{O}(3; \{9^{11}, 3^{11}\})$	43831055674036224
9	$\mathcal{O}(3; \{9^{14}, 3^7\})$	592369969251541248
9	$\mathcal{O}(3; \{9^{17}, 3^3\})$	7995896498857968720
9	$\mathcal{O}(2; \{9^2, 3^{26}\})$	2641807540224
9	$\mathcal{O}(2; \{9^5, 3^{22}\})$	22290251120640
9	$\mathcal{O}(2; \{9^8, 3^{18}\})$	323487269388288
9	$\mathcal{O}(2; \{9^{11}, 3^{14}\})$	4328993152991232
9	$\mathcal{O}(2; \{9^{14}, 3^{10}\})$	58505675975460864
9	$\mathcal{O}(2; \{9^{17}, 3^6\})$	789718172726712960
9	$\mathcal{O}(2; \{9^{20}, 3^2\})$	10661378346150264648
9	$\mathcal{O}(1; \{9^2, 3^{29}\})$	260919263232
9	$\mathcal{O}(1; \{9^5, 3^{25}\})$	2201506283520
9	$\mathcal{O}(1; \{9^8, 3^{21}\})$	31949359939584
9	$\mathcal{O}(1; \{9^{11}, 3^{17}\})$	427554879307776
9	$\mathcal{O}(1; \{9^{14}, 3^{13}\})$	5778338367946752
9	$\mathcal{O}(1; \{9^{17}, 3^9\})$	77996856565601280
9	$\mathcal{O}(1; \{9^{20}, 3^5\})$	1052975639125952064
9	$\mathcal{O}(1; \{9^{23}, 3\})$	14215140625810412916
9	$\mathcal{O}(0; \{9^2, 3^{32}\})$	25769803776
9	$\mathcal{O}(0; \{9^5, 3^{28}\})$	217432719360
9	$\mathcal{O}(0; \{9^8, 3^{24}\})$	3155492339712
9	$\mathcal{O}(0; \{9^{11}, 3^{20}\})$	42227642400768
9	$\mathcal{O}(0; \{9^{14}, 3^{16}\})$	570700085723136
9	$\mathcal{O}(0; \{9^{17}, 3^{12}\})$	7703393241047040
9	$\mathcal{O}(0; \{9^{20}, 3^8\})$	103997593987748352
9	$\mathcal{O}(0; \{9^{23}, 3^4\})$	1403964506252880288
9	$\mathcal{O}(0; \{9^{26}\})$	18953525918145540546
10	$\mathcal{O}(10; \{2^2\})$	99999999999998951424
10	$\mathcal{O}(9; \{2^6\})$	999999999999737856
10	$\mathcal{O}(9; \{10, 5^2, 2\})$	12000000000000000000
10	$\mathcal{O}(8; \{2^{10}\})$	9999999999934464
10	$\mathcal{O}(8; \{5^5, 2^2\})$	20400000000000000000
10	$\mathcal{O}(8; \{10, 5^2, 2^5\})$	12000000000000000000

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(8; \{10^2, 5^4\})$	8200000000000000000
10	$\mathcal{O}(8; \{10^3, 5, 2^3\})$	5200000000000000000
10	$\mathcal{O}(8; \{10^5, 2\})$	2040000000000000000
10	$\mathcal{O}(7; \{2^{14}\})$	9999999983616
10	$\mathcal{O}(7; \{5^5, 2^6\})$	2040000000000000000
10	$\mathcal{O}(7; \{10, 5^2, 2^9\})$	1200000000000000000
10	$\mathcal{O}(7; \{10, 5^7, 2\})$	1310800000000000000
10	$\mathcal{O}(7; \{10^2, 5^4, 2^4\})$	8200000000000000000
10	$\mathcal{O}(7; \{10^3, 5, 2^7\})$	5200000000000000000
10	$\mathcal{O}(7; \{10^4, 5^3, 2^2\})$	3276000000000000000
10	$\mathcal{O}(7; \{10^5, 2^5\})$	2040000000000000000
10	$\mathcal{O}(7; \{10^6, 5^2\})$	1310800000000000000
10	$\mathcal{O}(6; \{2^{18}\})$	99999995904
10	$\mathcal{O}(6; \{5^5, 2^{10}\})$	2040000000000000000
10	$\mathcal{O}(6; \{5^{10}, 2^2\})$	2097160000000000000
10	$\mathcal{O}(6; \{10, 5^2, 2^{13}\})$	1200000000000000000
10	$\mathcal{O}(6; \{10, 5^7, 2^5\})$	1310800000000000000
10	$\mathcal{O}(6; \{10^2, 5^4, 2^8\})$	8200000000000000000
10	$\mathcal{O}(6; \{10^2, 5^9\})$	8388600000000000000
10	$\mathcal{O}(6; \{10^3, 5, 2^{11}\})$	5200000000000000000
10	$\mathcal{O}(6; \{10^3, 5^6, 2^3\})$	5242800000000000000
10	$\mathcal{O}(6; \{10^4, 5^3, 2^6\})$	3276000000000000000
10	$\mathcal{O}(6; \{10^5, 2^9\})$	2040000000000000000
10	$\mathcal{O}(6; \{10^5, 5^5, 2\})$	2097160000000000000
10	$\mathcal{O}(6; \{10^6, 5^2, 2^4\})$	1310800000000000000
10	$\mathcal{O}(6; \{10^8, 5, 2^2\})$	5242800000000000000
10	$\mathcal{O}(6; \{10^{10}\})$	2097160000000000000
10	$\mathcal{O}(5; \{2^{22}\})$	999998976
10	$\mathcal{O}(5; \{5^5, 2^{14}\})$	2040000000000000000
10	$\mathcal{O}(5; \{5^{10}, 2^6\})$	2097160000000000000
10	$\mathcal{O}(5; \{10, 5^2, 2^{17}\})$	1200000000000000000
10	$\mathcal{O}(5; \{10, 5^7, 2^9\})$	1310800000000000000
10	$\mathcal{O}(5; \{10, 5^{12}, 2\})$	1342177200000000000
10	$\mathcal{O}(5; \{10^2, 5^4, 2^{12}\})$	8200000000000000000
10	$\mathcal{O}(5; \{10^2, 5^9, 2^4\})$	8388600000000000000
10	$\mathcal{O}(5; \{10^3, 5, 2^{15}\})$	5200000000000000000
10	$\mathcal{O}(5; \{10^3, 5^6, 2^7\})$	5242800000000000000
10	$\mathcal{O}(5; \{10^4, 5^3, 2^{10}\})$	3276000000000000000
10	$\mathcal{O}(5; \{10^4, 5^8, 2^2\})$	3355444000000000000
10	$\mathcal{O}(5; \{10^5, 2^{13}\})$	2040000000000000000
10	$\mathcal{O}(5; \{10^5, 5^5, 2^5\})$	2097160000000000000
10	$\mathcal{O}(5; \{10^6, 5^2, 2^8\})$	1310800000000000000
10	$\mathcal{O}(5; \{10^6, 5^7\})$	1342177200000000000

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(5; \{10^7, 5^4, 2^3\})$	8388600000000000
10	$\mathcal{O}(5; \{10^8, 5, 2^6\})$	5242800000000000
10	$\mathcal{O}(5; \{10^9, 5^3, 2\})$	3355444000000000
10	$\mathcal{O}(5; \{10^{10}, 2^4\})$	2097160000000000
10	$\mathcal{O}(4; \{2^{26}\})$	99999744
10	$\mathcal{O}(4; \{5^5, 2^{18}\})$	2040000000
10	$\mathcal{O}(4; \{5^{10}, 2^{10}\})$	20971600000000
10	$\mathcal{O}(4; \{5^{15}, 2^2\})$	2147483640000000
10	$\mathcal{O}(4; \{10, 5^2, 2^{21}\})$	1200000000
10	$\mathcal{O}(4; \{10, 5^7, 2^{13}\})$	13108000000000
10	$\mathcal{O}(4; \{10, 5^{12}, 2^5\})$	1342177200000000
10	$\mathcal{O}(4; \{10^2, 5^4, 2^{16}\})$	8200000000
10	$\mathcal{O}(4; \{10^2, 5^9, 2^8\})$	83886000000000
10	$\mathcal{O}(4; \{10^2, 5^{14}\})$	8589934600000000
10	$\mathcal{O}(4; \{10^3, 5, 2^{19}\})$	5200000000
10	$\mathcal{O}(4; \{10^3, 5^6, 2^{11}\})$	52428000000000
10	$\mathcal{O}(4; \{10^3, 5^{11}, 2^3\})$	5368709200000000
10	$\mathcal{O}(4; \{10^4, 5^3, 2^{14}\})$	327600000000
10	$\mathcal{O}(4; \{10^4, 5^8, 2^6\})$	3355444000000000
10	$\mathcal{O}(4; \{10^5, 2^{17}\})$	2040000000
10	$\mathcal{O}(4; \{10^5, 5^5, 2^9\})$	20971600000000
10	$\mathcal{O}(4; \{10^5, 5^{10}, 2\})$	2147483640000000
10	$\mathcal{O}(4; \{10^6, 5^2, 2^{12}\})$	13108000000000
10	$\mathcal{O}(4; \{10^6, 5^7, 2^4\})$	1342177200000000
10	$\mathcal{O}(4; \{10^7, 5^4, 2^7\})$	83886000000000
10	$\mathcal{O}(4; \{10^8, 5, 2^{10}\})$	52428000000000
10	$\mathcal{O}(4; \{10^8, 5^6, 2^2\})$	5368709200000000
10	$\mathcal{O}(4; \{10^9, 5^3, 2^5\})$	3355444000000000
10	$\mathcal{O}(4; \{10^{10}, 2^8\})$	20971600000000
10	$\mathcal{O}(4; \{10^{10}, 5^5\})$	2147483640000000
10	$\mathcal{O}(4; \{10^{11}, 5^2, 2^3\})$	1342177200000000
10	$\mathcal{O}(4; \{10^{13}, 5, 2\})$	5368709200000000
10	$\mathcal{O}(3; \{2^{30}\})$	999936
10	$\mathcal{O}(3; \{5^5, 2^{22}\})$	204000000
10	$\mathcal{O}(3; \{5^{10}, 2^{14}\})$	209716000000
10	$\mathcal{O}(3; \{5^{15}, 2^6\})$	2147483640000000
10	$\mathcal{O}(3; \{10, 5^2, 2^{25}\})$	12000000
10	$\mathcal{O}(3; \{10, 5^7, 2^{17}\})$	13108000000
10	$\mathcal{O}(3; \{10, 5^{12}, 2^9\})$	13421772000000
10	$\mathcal{O}(3; \{10, 5^{17}, 2\})$	1374389534800000
10	$\mathcal{O}(3; \{10^2, 5^4, 2^{20}\})$	820000000
10	$\mathcal{O}(3; \{10^2, 5^9, 2^{12}\})$	838860000000
10	$\mathcal{O}(3; \{10^2, 5^{14}, 2^4\})$	8589934600000000

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(3; \{10^3, 5, 2^{23}\})$	52000000
10	$\mathcal{O}(3; \{10^3, 5^6, 2^{15}\})$	5242800000
10	$\mathcal{O}(3; \{10^3, 5^{11}, 2^7\})$	53687092000000
10	$\mathcal{O}(3; \{10^4, 5^3, 2^{18}\})$	3276000000
10	$\mathcal{O}(3; \{10^4, 5^8, 2^{10}\})$	3355444000000
10	$\mathcal{O}(3; \{10^4, 5^{13}, 2^2\})$	3435973836000000
10	$\mathcal{O}(3; \{10^5, 2^{21}\})$	204000000
10	$\mathcal{O}(3; \{10^5, 5^5, 2^{13}\})$	209716000000
10	$\mathcal{O}(3; \{10^5, 5^{10}, 2^5\})$	214748364000000
10	$\mathcal{O}(3; \{10^6, 5^2, 2^{16}\})$	13108000000
10	$\mathcal{O}(3; \{10^6, 5^7, 2^8\})$	13421772000000
10	$\mathcal{O}(3; \{10^6, 5^{12}\})$	13743895348000000
10	$\mathcal{O}(3; \{10^7, 5^4, 2^{11}\})$	838860000000
10	$\mathcal{O}(3; \{10^7, 5^9, 2^3\})$	858993460000000
10	$\mathcal{O}(3; \{10^8, 5, 2^{14}\})$	52428000000
10	$\mathcal{O}(3; \{10^8, 5^6, 2^6\})$	53687092000000
10	$\mathcal{O}(3; \{10^9, 5^3, 2^9\})$	3355444000000
10	$\mathcal{O}(3; \{10^9, 5^8, 2\})$	3435973836000000
10	$\mathcal{O}(3; \{10^{10}, 2^{12}\})$	209716000000
10	$\mathcal{O}(3; \{10^{10}, 5^5, 2^4\})$	214748364000000
10	$\mathcal{O}(3; \{10^{11}, 5^2, 2^7\})$	13421772000000
10	$\mathcal{O}(3; \{10^{12}, 5^4, 2^2\})$	858993460000000
10	$\mathcal{O}(3; \{10^{13}, 5, 2^5\})$	53687092000000
10	$\mathcal{O}(3; \{10^{14}, 5^3\})$	3435973836000000
10	$\mathcal{O}(3; \{10^{15}, 2^3\})$	214748364000000
10	$\mathcal{O}(2; \{2^{34}\})$	9984
10	$\mathcal{O}(2; \{5^5, 2^{26}\})$	2040000
10	$\mathcal{O}(2; \{5^{10}, 2^{18}\})$	2097160000
10	$\mathcal{O}(2; \{5^{15}, 2^{10}\})$	2147483640000
10	$\mathcal{O}(2; \{5^{20}, 2^2\})$	2199023255560000
10	$\mathcal{O}(2; \{10, 5^2, 2^{29}\})$	120000
10	$\mathcal{O}(2; \{10, 5^7, 2^{21}\})$	131080000
10	$\mathcal{O}(2; \{10, 5^{12}, 2^{13}\})$	134217720000
10	$\mathcal{O}(2; \{10, 5^{17}, 2^5\})$	137438953480000
10	$\mathcal{O}(2; \{10^2, 5^4, 2^{24}\})$	8200000
10	$\mathcal{O}(2; \{10^2, 5^9, 2^{16}\})$	8388600000
10	$\mathcal{O}(2; \{10^2, 5^{14}, 2^8\})$	8589934600000
10	$\mathcal{O}(2; \{10^2, 5^{19}\})$	8796093022200000
10	$\mathcal{O}(2; \{10^3, 5, 2^{27}\})$	520000
10	$\mathcal{O}(2; \{10^3, 5^6, 2^{19}\})$	524280000
10	$\mathcal{O}(2; \{10^3, 5^{11}, 2^{11}\})$	536870920000
10	$\mathcal{O}(2; \{10^3, 5^{16}, 2^3\})$	549755813880000
10	$\mathcal{O}(2; \{10^4, 5^3, 2^{22}\})$	32760000

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(2; \{10^4, 5^8, 2^{14}\})$	33554440000
10	$\mathcal{O}(2; \{10^4, 5^{13}, 2^6\})$	34359738360000
10	$\mathcal{O}(2; \{10^5, 2^{25}\})$	2040000
10	$\mathcal{O}(2; \{10^5, 5^5, 2^{17}\})$	2097160000
10	$\mathcal{O}(2; \{10^5, 5^{10}, 2^9\})$	2147483640000
10	$\mathcal{O}(2; \{10^5, 5^{15}, 2\})$	2199023255560000
10	$\mathcal{O}(2; \{10^6, 5^2, 2^{20}\})$	131080000
10	$\mathcal{O}(2; \{10^6, 5^7, 2^{12}\})$	134217720000
10	$\mathcal{O}(2; \{10^6, 5^{12}, 2^4\})$	137438953480000
10	$\mathcal{O}(2; \{10^7, 5^4, 2^{15}\})$	8388600000
10	$\mathcal{O}(2; \{10^7, 5^9, 2^7\})$	8589934600000
10	$\mathcal{O}(2; \{10^8, 5, 2^{18}\})$	524280000
10	$\mathcal{O}(2; \{10^8, 5^6, 2^{10}\})$	536870920000
10	$\mathcal{O}(2; \{10^8, 5^{11}, 2^2\})$	549755813880000
10	$\mathcal{O}(2; \{10^9, 5^3, 2^{13}\})$	33554440000
10	$\mathcal{O}(2; \{10^9, 5^8, 2^5\})$	34359738360000
10	$\mathcal{O}(2; \{10^{10}, 2^{16}\})$	2097160000
10	$\mathcal{O}(2; \{10^{10}, 5^5, 2^8\})$	2147483640000
10	$\mathcal{O}(2; \{10^{10}, 5^{10}\})$	2199023255560000
10	$\mathcal{O}(2; \{10^{11}, 5^2, 2^{11}\})$	134217720000
10	$\mathcal{O}(2; \{10^{11}, 5^7, 2^3\})$	137438953480000
10	$\mathcal{O}(2; \{10^{12}, 5^4, 2^6\})$	8589934600000
10	$\mathcal{O}(2; \{10^{13}, 5, 2^9\})$	536870920000
10	$\mathcal{O}(2; \{10^{13}, 5^6, 2\})$	549755813880000
10	$\mathcal{O}(2; \{10^{14}, 5^3, 2^4\})$	34359738360000
10	$\mathcal{O}(2; \{10^{15}, 2^7\})$	2147483640000
10	$\mathcal{O}(2; \{10^{16}, 5^2, 2^2\})$	137438953480000
10	$\mathcal{O}(2; \{10^{18}, 5\})$	549755813880000
10	$\mathcal{O}(1; \{2^{38}\})$	96
10	$\mathcal{O}(1; \{5^5, 2^{30}\})$	20400
10	$\mathcal{O}(1; \{5^{10}, 2^{22}\})$	20971600
10	$\mathcal{O}(1; \{5^{15}, 2^{14}\})$	21474836400
10	$\mathcal{O}(1; \{5^{20}, 2^6\})$	21990232555600
10	$\mathcal{O}(1; \{10, 5^2, 2^{33}\})$	1200
10	$\mathcal{O}(1; \{10, 5^7, 2^{25}\})$	1310800
10	$\mathcal{O}(1; \{10, 5^{12}, 2^{17}\})$	1342177200
10	$\mathcal{O}(1; \{10, 5^{17}, 2^9\})$	1374389534800
10	$\mathcal{O}(1; \{10, 5^{22}, 2\})$	1407374883553200
10	$\mathcal{O}(1; \{10^2, 5^4, 2^{28}\})$	82000
10	$\mathcal{O}(1; \{10^2, 5^9, 2^{20}\})$	83886000
10	$\mathcal{O}(1; \{10^2, 5^{14}, 2^{12}\})$	85899346000
10	$\mathcal{O}(1; \{10^2, 5^{19}, 2^4\})$	87960930222000
10	$\mathcal{O}(1; \{10^3, 5, 2^{31}\})$	5200

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(1; \{10^3, 5^6, 2^{23}\})$	5242800
10	$\mathcal{O}(1; \{10^3, 5^{11}, 2^{15}\})$	5368709200
10	$\mathcal{O}(1; \{10^3, 5^{16}, 2^7\})$	5497558138800
10	$\mathcal{O}(1; \{10^4, 5^3, 2^{26}\})$	327600
10	$\mathcal{O}(1; \{10^4, 5^8, 2^{18}\})$	335544400
10	$\mathcal{O}(1; \{10^4, 5^{13}, 2^{10}\})$	343597383600
10	$\mathcal{O}(1; \{10^4, 5^{18}, 2^2\})$	351843720888400
10	$\mathcal{O}(1; \{10^5, 2^{29}\})$	20400
10	$\mathcal{O}(1; \{10^5, 5^5, 2^{21}\})$	20971600
10	$\mathcal{O}(1; \{10^5, 5^{10}, 2^{13}\})$	21474836400
10	$\mathcal{O}(1; \{10^5, 5^{15}, 2^5\})$	21990232555600
10	$\mathcal{O}(1; \{10^6, 5^2, 2^{24}\})$	1310800
10	$\mathcal{O}(1; \{10^6, 5^7, 2^{16}\})$	1342177200
10	$\mathcal{O}(1; \{10^6, 5^{12}, 2^8\})$	1374389534800
10	$\mathcal{O}(1; \{10^6, 5^{17}\})$	1407374883553200
10	$\mathcal{O}(1; \{10^7, 5^4, 2^{19}\})$	83886000
10	$\mathcal{O}(1; \{10^7, 5^9, 2^{11}\})$	85899346000
10	$\mathcal{O}(1; \{10^7, 5^{14}, 2^3\})$	87960930222000
10	$\mathcal{O}(1; \{10^8, 5, 2^{22}\})$	5242800
10	$\mathcal{O}(1; \{10^8, 5^6, 2^{14}\})$	5368709200
10	$\mathcal{O}(1; \{10^8, 5^{11}, 2^6\})$	5497558138800
10	$\mathcal{O}(1; \{10^9, 5^3, 2^{17}\})$	335544400
10	$\mathcal{O}(1; \{10^9, 5^8, 2^9\})$	343597383600
10	$\mathcal{O}(1; \{10^9, 5^{13}, 2\})$	351843720888400
10	$\mathcal{O}(1; \{10^{10}, 2^{20}\})$	20971600
10	$\mathcal{O}(1; \{10^{10}, 5^5, 2^{12}\})$	21474836400
10	$\mathcal{O}(1; \{10^{10}, 5^{10}, 2^4\})$	21990232555600
10	$\mathcal{O}(1; \{10^{11}, 5^2, 2^{15}\})$	1342177200
10	$\mathcal{O}(1; \{10^{11}, 5^7, 2^7\})$	1374389534800
10	$\mathcal{O}(1; \{10^{12}, 5^4, 2^{10}\})$	85899346000
10	$\mathcal{O}(1; \{10^{12}, 5^9, 2^2\})$	87960930222000
10	$\mathcal{O}(1; \{10^{13}, 5, 2^{13}\})$	5368709200
10	$\mathcal{O}(1; \{10^{13}, 5^6, 2^5\})$	5497558138800
10	$\mathcal{O}(1; \{10^{14}, 5^3, 2^8\})$	343597383600
10	$\mathcal{O}(1; \{10^{14}, 5^8\})$	351843720888400
10	$\mathcal{O}(1; \{10^{15}, 2^{11}\})$	21474836400
10	$\mathcal{O}(1; \{10^{15}, 5^5, 2^3\})$	21990232555600
10	$\mathcal{O}(1; \{10^{16}, 5^2, 2^6\})$	1374389534800
10	$\mathcal{O}(1; \{10^{17}, 5^4, 2\})$	87960930222000
10	$\mathcal{O}(1; \{10^{18}, 5, 2^4\})$	5497558138800
10	$\mathcal{O}(1; \{10^{20}, 2^2\})$	21990232555600
10	$\mathcal{O}(0; \{5^5, 2^{34}\})$	204
10	$\mathcal{O}(0; \{5^{10}, 2^{26}\})$	209716

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(0; \{5^{15}, 2^{18}\})$	214748364
10	$\mathcal{O}(0; \{5^{20}, 2^{10}\})$	219902325556
10	$\mathcal{O}(0; \{5^{25}, 2^2\})$	225179981368524
10	$\mathcal{O}(0; \{10, 5^2, 2^{37}\})$	12
10	$\mathcal{O}(0; \{10, 5^7, 2^{29}\})$	13108
10	$\mathcal{O}(0; \{10, 5^{12}, 2^{21}\})$	13421772
10	$\mathcal{O}(0; \{10, 5^{17}, 2^{13}\})$	13743895348
10	$\mathcal{O}(0; \{10, 5^{22}, 2^5\})$	14073748835532
10	$\mathcal{O}(0; \{10^2, 5^4, 2^{32}\})$	820
10	$\mathcal{O}(0; \{10^2, 5^9, 2^{24}\})$	838860
10	$\mathcal{O}(0; \{10^2, 5^{14}, 2^{16}\})$	858993460
10	$\mathcal{O}(0; \{10^2, 5^{19}, 2^8\})$	879609302220
10	$\mathcal{O}(0; \{10^2, 5^{24}\})$	900719925474100
10	$\mathcal{O}(0; \{10^3, 5, 2^{35}\})$	52
10	$\mathcal{O}(0; \{10^3, 5^6, 2^{27}\})$	52428
10	$\mathcal{O}(0; \{10^3, 5^{11}, 2^{19}\})$	53687092
10	$\mathcal{O}(0; \{10^3, 5^{16}, 2^{11}\})$	54975581388
10	$\mathcal{O}(0; \{10^3, 5^{21}, 2^3\})$	56294995342132
10	$\mathcal{O}(0; \{10^4, 5^3, 2^{30}\})$	3276
10	$\mathcal{O}(0; \{10^4, 5^8, 2^{22}\})$	3355444
10	$\mathcal{O}(0; \{10^4, 5^{13}, 2^{14}\})$	3435973836
10	$\mathcal{O}(0; \{10^4, 5^{18}, 2^6\})$	3518437208884
10	$\mathcal{O}(0; \{10^5, 2^{33}\})$	204
10	$\mathcal{O}(0; \{10^5, 5^5, 2^{25}\})$	209716
10	$\mathcal{O}(0; \{10^5, 5^{10}, 2^{17}\})$	214748364
10	$\mathcal{O}(0; \{10^5, 5^{15}, 2^9\})$	219902325556
10	$\mathcal{O}(0; \{10^5, 5^{20}, 2\})$	225179981368524
10	$\mathcal{O}(0; \{10^6, 5^2, 2^{28}\})$	13108
10	$\mathcal{O}(0; \{10^6, 5^7, 2^{20}\})$	13421772
10	$\mathcal{O}(0; \{10^6, 5^{12}, 2^{12}\})$	13743895348
10	$\mathcal{O}(0; \{10^6, 5^{17}, 2^4\})$	14073748835532
10	$\mathcal{O}(0; \{10^7, 5^4, 2^{23}\})$	838860
10	$\mathcal{O}(0; \{10^7, 5^9, 2^{15}\})$	858993460
10	$\mathcal{O}(0; \{10^7, 5^{14}, 2^7\})$	879609302220
10	$\mathcal{O}(0; \{10^8, 5, 2^{26}\})$	52428
10	$\mathcal{O}(0; \{10^8, 5^6, 2^{18}\})$	53687092
10	$\mathcal{O}(0; \{10^8, 5^{11}, 2^{10}\})$	54975581388
10	$\mathcal{O}(0; \{10^8, 5^{16}, 2^2\})$	56294995342132
10	$\mathcal{O}(0; \{10^9, 5^3, 2^{21}\})$	3355444
10	$\mathcal{O}(0; \{10^9, 5^8, 2^{13}\})$	3435973836
10	$\mathcal{O}(0; \{10^9, 5^{13}, 2^5\})$	3518437208884
10	$\mathcal{O}(0; \{10^{10}, 2^{24}\})$	209716
10	$\mathcal{O}(0; \{10^{10}, 5^5, 2^{16}\})$	214748364

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(0; \{10^{10}, 5^{10}, 2^8\})$	219902325556
10	$\mathcal{O}(0; \{10^{10}, 5^{15}\})$	225179981368524
10	$\mathcal{O}(0; \{10^{11}, 5^2, 2^{19}\})$	13421772
10	$\mathcal{O}(0; \{10^{11}, 5^7, 2^{11}\})$	13743895348
10	$\mathcal{O}(0; \{10^{11}, 5^{12}, 2^3\})$	14073748835532
10	$\mathcal{O}(0; \{10^{12}, 5^4, 2^{14}\})$	858993460
10	$\mathcal{O}(0; \{10^{12}, 5^9, 2^6\})$	879609302220
10	$\mathcal{O}(0; \{10^{13}, 5, 2^{17}\})$	53687092
10	$\mathcal{O}(0; \{10^{13}, 5^6, 2^9\})$	54975581388
10	$\mathcal{O}(0; \{10^{13}, 5^{11}, 2\})$	56294995342132
10	$\mathcal{O}(0; \{10^{14}, 5^3, 2^{12}\})$	3435973836
10	$\mathcal{O}(0; \{10^{14}, 5^8, 2^4\})$	3518437208884
10	$\mathcal{O}(0; \{10^{15}, 2^{15}\})$	214748364
10	$\mathcal{O}(0; \{10^{15}, 5^5, 2^7\})$	219902325556
10	$\mathcal{O}(0; \{10^{16}, 5^2, 2^{10}\})$	13743895348
10	$\mathcal{O}(0; \{10^{16}, 5^7, 2^2\})$	14073748835532
10	$\mathcal{O}(0; \{10^{17}, 5^4, 2^5\})$	879609302220
10	$\mathcal{O}(0; \{10^{18}, 5, 2^8\})$	54975581388
10	$\mathcal{O}(0; \{10^{18}, 5^6\})$	56294995342132
10	$\mathcal{O}(0; \{10^{19}, 5^3, 2^3\})$	3518437208884
10	$\mathcal{O}(0; \{10^{20}, 2^6\})$	219902325556
10	$\mathcal{O}(0; \{10^{21}, 5^2, 2\})$	14073748835532
11	$\mathcal{O}(6; \{11^8\})$	28531169914216706110
11	$\mathcal{O}(1; \{11^{19}\})$	109999999999999999890
12	$\mathcal{O}(8; \{12^2\})$	739537035580145664
12	$\mathcal{O}(7; \{4^2, 3^2, 2^2\})$	5135673858195456
12	$\mathcal{O}(7; \{6^2, 4^2, 3\})$	5135673858195456
12	$\mathcal{O}(7; \{12, 4, 3, 2^3\})$	5135673858195456
12	$\mathcal{O}(7; \{12, 4^3, 3\})$	20542695432781824
12	$\mathcal{O}(7; \{12, 6, 4, 3^2\})$	15407021574586368
12	$\mathcal{O}(7; \{12, 6^2, 4, 2\})$	5135673858195456
12	$\mathcal{O}(7; \{12^2, 2^4\})$	5135673858195456
12	$\mathcal{O}(7; \{12^2, 3^3\})$	25678369290977280
12	$\mathcal{O}(7; \{12^2, 4^2, 2\})$	20542695432781824
12	$\mathcal{O}(7; \{12^2, 6, 3, 2\})$	15407021574586368
12	$\mathcal{O}(6; \{4^2, 3^2, 2^6\})$	35664401793024
12	$\mathcal{O}(6; \{4^2, 3^5, 2^2\})$	178322008965120
12	$\mathcal{O}(6; \{4^4, 3^2, 2^3\})$	142657607172096
12	$\mathcal{O}(6; \{4^6, 3^2\})$	570630428688384
12	$\mathcal{O}(6; \{6, 4^2, 3^3, 2^3\})$	106993205379072
12	$\mathcal{O}(6; \{6, 4^4, 3^3\})$	427972821516288
12	$\mathcal{O}(6; \{6^2, 4^2, 3, 2^4\})$	35664401793024
12	$\mathcal{O}(6; \{6^2, 4^2, 3^4\})$	392308419723264

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(6; \{6^2, 4^4, 3, 2\})$	142657607172096
12	$\mathcal{O}(6; \{6^3, 4^2, 3^2, 2\})$	178322008965120
12	$\mathcal{O}(6; \{6^4, 4^2, 2^2\})$	106993205379072
12	$\mathcal{O}(6; \{12, 4, 3, 2^7\})$	35664401793024
12	$\mathcal{O}(6; \{12, 4, 3^4, 2^3\})$	178322008965120
12	$\mathcal{O}(6; \{12, 4^3, 3, 2^4\})$	142657607172096
12	$\mathcal{O}(6; \{12, 4^3, 3^4\})$	713288035860480
12	$\mathcal{O}(6; \{12, 4^5, 3, 2\})$	570630428688384
12	$\mathcal{O}(6; \{12, 6, 4, 3^2, 2^4\})$	106993205379072
12	$\mathcal{O}(6; \{12, 6, 4, 3^5\})$	748952437653504
12	$\mathcal{O}(6; \{12, 6, 4^3, 3^2, 2\})$	427972821516288
12	$\mathcal{O}(6; \{12, 6^2, 4, 2^5\})$	35664401793024
12	$\mathcal{O}(6; \{12, 6^2, 4, 3^3, 2\})$	392308419723264
12	$\mathcal{O}(6; \{12, 6^2, 4^3, 2^2\})$	142657607172096
12	$\mathcal{O}(6; \{12, 6^3, 4, 3, 2^2\})$	178322008965120
12	$\mathcal{O}(6; \{12, 6^5, 4\})$	392308419723264
12	$\mathcal{O}(6; \{12^2, 2^8\})$	35664401793024
12	$\mathcal{O}(6; \{12^2, 3^3, 2^4\})$	178322008965120
12	$\mathcal{O}(6; \{12^2, 3^6\})$	1533569277100032
12	$\mathcal{O}(6; \{12^2, 4^2, 2^5\})$	142657607172096
12	$\mathcal{O}(6; \{12^2, 4^2, 3^3, 2\})$	713288035860480
12	$\mathcal{O}(6; \{12^2, 4^4, 2^2\})$	570630428688384
12	$\mathcal{O}(6; \{12^2, 6, 3, 2^5\})$	106993205379072
12	$\mathcal{O}(6; \{12^2, 6, 3^4, 2\})$	748952437653504
12	$\mathcal{O}(6; \{12^2, 6, 4^2, 3, 2^2\})$	427972821516288
12	$\mathcal{O}(6; \{12^2, 6^2, 3^2, 2^2\})$	392308419723264
12	$\mathcal{O}(6; \{12^2, 6^3, 2^3\})$	178322008965120
12	$\mathcal{O}(6; \{12^2, 6^3, 4^2\})$	713288035860480
12	$\mathcal{O}(6; \{12^2, 6^4, 3\})$	748952437653504
12	$\mathcal{O}(6; \{12^3, 4, 3^2, 2^2\})$	713288035860480
12	$\mathcal{O}(6; \{12^3, 6, 4, 2^3\})$	427972821516288
12	$\mathcal{O}(6; \{12^3, 6, 4^3\})$	1711891286065152
12	$\mathcal{O}(6; \{12^3, 6^2, 4, 3\})$	1569233678893056
12	$\mathcal{O}(6; \{12^4, 3, 2^3\})$	713288035860480
12	$\mathcal{O}(6; \{12^4, 4^2, 3\})$	2853152143441920
12	$\mathcal{O}(6; \{12^4, 6, 3^2\})$	2995809750614016
12	$\mathcal{O}(6; \{12^4, 6^2, 2\})$	1569233678893056
12	$\mathcal{O}(6; \{12^5, 4, 2\})$	2853152143441920
12	$\mathcal{O}(5; \{4^2, 3^2, 2^{10}\})$	247669456896
12	$\mathcal{O}(5; \{4^2, 3^5, 2^6\})$	1238347284480
12	$\mathcal{O}(5; \{4^2, 3^8, 2^2\})$	10649786646528
12	$\mathcal{O}(5; \{4^4, 3^2, 2^7\})$	990677827584
12	$\mathcal{O}(5; \{4^4, 3^5, 2^3\})$	4953389137920

Continued on next page

Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{4^6, 3^2, 2^4\})$	3962711310336
12	$\mathcal{O}(5; \{4^6, 3^5\})$	19813556551680
12	$\mathcal{O}(5; \{4^8, 3^2, 2\})$	15850845241344
12	$\mathcal{O}(5; \{6, 4^2, 3^3, 2^7\})$	743008370688
12	$\mathcal{O}(5; \{6, 4^2, 3^6, 2^3\})$	5201058594816
12	$\mathcal{O}(5; \{6, 4^4, 3^3, 2^4\})$	2972033482752
12	$\mathcal{O}(5; \{6, 4^4, 3^6\})$	20804234379264
12	$\mathcal{O}(5; \{6, 4^6, 3^3, 2\})$	11888133931008
12	$\mathcal{O}(5; \{6^2, 4^2, 3, 2^8\})$	247669456896
12	$\mathcal{O}(5; \{6^2, 4^2, 3^4, 2^4\})$	2724364025856
12	$\mathcal{O}(5; \{6^2, 4^2, 3^7\})$	21051903836160
12	$\mathcal{O}(5; \{6^2, 4^4, 3, 2^5\})$	990677827584
12	$\mathcal{O}(5; \{6^2, 4^4, 3^4, 2\})$	10897456103424
12	$\mathcal{O}(5; \{6^2, 4^6, 3, 2^2\})$	3962711310336
12	$\mathcal{O}(5; \{6^3, 4^2, 3^2, 2^5\})$	1238347284480
12	$\mathcal{O}(5; \{6^3, 4^2, 3^5, 2\})$	10649786646528
12	$\mathcal{O}(5; \{6^3, 4^4, 3^2, 2^2\})$	4953389137920
12	$\mathcal{O}(5; \{6^4, 4^2, 2^6\})$	743008370688
12	$\mathcal{O}(5; \{6^4, 4^2, 3^3, 2^2\})$	5201058594816
12	$\mathcal{O}(5; \{6^4, 4^4, 2^3\})$	2972033482752
12	$\mathcal{O}(5; \{6^4, 4^6\})$	11888133931008
12	$\mathcal{O}(5; \{6^5, 4^2, 3, 2^3\})$	2724364025856
12	$\mathcal{O}(5; \{6^5, 4^4, 3\})$	10897456103424
12	$\mathcal{O}(5; \{6^6, 4^2, 3^2\})$	10649786646528
12	$\mathcal{O}(5; \{6^7, 4^2, 2\})$	5201058594816
12	$\mathcal{O}(5; \{12, 4, 3, 2^{11}\})$	247669456896
12	$\mathcal{O}(5; \{12, 4, 3^4, 2^7\})$	1238347284480
12	$\mathcal{O}(5; \{12, 4, 3^7, 2^3\})$	10649786646528
12	$\mathcal{O}(5; \{12, 4^3, 3, 2^8\})$	990677827584
12	$\mathcal{O}(5; \{12, 4^3, 3^4, 2^4\})$	4953389137920
12	$\mathcal{O}(5; \{12, 4^3, 3^7\})$	42599146586112
12	$\mathcal{O}(5; \{12, 4^5, 3, 2^5\})$	3962711310336
12	$\mathcal{O}(5; \{12, 4^5, 3^4, 2\})$	19813556551680
12	$\mathcal{O}(5; \{12, 4^7, 3, 2^2\})$	15850845241344
12	$\mathcal{O}(5; \{12, 6, 4, 3^2, 2^8\})$	743008370688
12	$\mathcal{O}(5; \{12, 6, 4, 3^5, 2^4\})$	5201058594816
12	$\mathcal{O}(5; \{12, 6, 4, 3^8\})$	42351477129216
12	$\mathcal{O}(5; \{12, 6, 4^3, 3^2, 2^5\})$	2972033482752
12	$\mathcal{O}(5; \{12, 6, 4^3, 3^5, 2\})$	20804234379264
12	$\mathcal{O}(5; \{12, 6, 4^5, 3^2, 2^2\})$	11888133931008
12	$\mathcal{O}(5; \{12, 6^2, 4, 2^9\})$	247669456896
12	$\mathcal{O}(5; \{12, 6^2, 4, 3^3, 2^5\})$	2724364025856
12	$\mathcal{O}(5; \{12, 6^2, 4, 3^6, 2\})$	21051903836160

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{12, 6^2, 4^3, 2^6\})$	990677827584
12	$\mathcal{O}(5; \{12, 6^2, 4^3, 3^3, 2^2\})$	10897456103424
12	$\mathcal{O}(5; \{12, 6^2, 4^5, 2^3\})$	3962711310336
12	$\mathcal{O}(5; \{12, 6^2, 4^7\})$	15850845241344
12	$\mathcal{O}(5; \{12, 6^3, 4, 3, 2^6\})$	1238347284480
12	$\mathcal{O}(5; \{12, 6^3, 4, 3^4, 2^2\})$	10649786646528
12	$\mathcal{O}(5; \{12, 6^3, 4^3, 3, 2^3\})$	4953389137920
12	$\mathcal{O}(5; \{12, 6^3, 4^5, 3\})$	19813556551680
12	$\mathcal{O}(5; \{12, 6^4, 4, 3^2, 2^3\})$	5201058594816
12	$\mathcal{O}(5; \{12, 6^4, 4^3, 3^2\})$	20804234379264
12	$\mathcal{O}(5; \{12, 6^5, 4, 2^4\})$	2724364025856
12	$\mathcal{O}(5; \{12, 6^5, 4, 3^3\})$	21051903836160
12	$\mathcal{O}(5; \{12, 6^5, 4^3, 2\})$	10897456103424
12	$\mathcal{O}(5; \{12, 6^6, 4, 3, 2\})$	10649786646528
12	$\mathcal{O}(5; \{12^2, 2^{12}\})$	247669456896
12	$\mathcal{O}(5; \{12^2, 3^3, 2^8\})$	1238347284480
12	$\mathcal{O}(5; \{12^2, 3^6, 2^4\})$	10649786646528
12	$\mathcal{O}(5; \{12^2, 3^9\})$	84455284801536
12	$\mathcal{O}(5; \{12^2, 4^2, 2^9\})$	990677827584
12	$\mathcal{O}(5; \{12^2, 4^2, 3^3, 2^5\})$	4953389137920
12	$\mathcal{O}(5; \{12^2, 4^2, 3^6, 2\})$	42599146586112
12	$\mathcal{O}(5; \{12^2, 4^4, 2^6\})$	3962711310336
12	$\mathcal{O}(5; \{12^2, 4^4, 3^3, 2^2\})$	19813556551680
12	$\mathcal{O}(5; \{12^2, 4^6, 2^3\})$	15850845241344
12	$\mathcal{O}(5; \{12^2, 4^8\})$	63403380965376
12	$\mathcal{O}(5; \{12^2, 6, 3, 2^9\})$	743008370688
12	$\mathcal{O}(5; \{12^2, 6, 3^4, 2^5\})$	5201058594816
12	$\mathcal{O}(5; \{12^2, 6, 3^7, 2\})$	42351477129216
12	$\mathcal{O}(5; \{12^2, 6, 4^2, 3, 2^6\})$	2972033482752
12	$\mathcal{O}(5; \{12^2, 6, 4^2, 3^4, 2^2\})$	20804234379264
12	$\mathcal{O}(5; \{12^2, 6, 4^4, 3, 2^3\})$	11888133931008
12	$\mathcal{O}(5; \{12^2, 6, 4^6, 3\})$	47552535724032
12	$\mathcal{O}(5; \{12^2, 6^2, 3^2, 2^6\})$	2724364025856
12	$\mathcal{O}(5; \{12^2, 6^2, 3^5, 2^2\})$	21051903836160
12	$\mathcal{O}(5; \{12^2, 6^2, 4^2, 3^2, 2^3\})$	10897456103424
12	$\mathcal{O}(5; \{12^2, 6^2, 4^4, 3^2\})$	43589824413696
12	$\mathcal{O}(5; \{12^2, 6^3, 2^7\})$	1238347284480
12	$\mathcal{O}(5; \{12^2, 6^3, 3^3, 2^3\})$	10649786646528
12	$\mathcal{O}(5; \{12^2, 6^3, 4^2, 2^4\})$	4953389137920
12	$\mathcal{O}(5; \{12^2, 6^3, 4^2, 3^3\})$	42599146586112
12	$\mathcal{O}(5; \{12^2, 6^3, 4^4, 2\})$	19813556551680
12	$\mathcal{O}(5; \{12^2, 6^4, 3, 2^4\})$	5201058594816
12	$\mathcal{O}(5; \{12^2, 6^4, 3^4\})$	42351477129216

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{12^2, 6^4, 4^2, 3, 2\})$	20804234379264
12	$\mathcal{O}(5; \{12^2, 6^5, 3^2, 2\})$	21051903836160
12	$\mathcal{O}(5; \{12^2, 6^6, 2^2\})$	10649786646528
12	$\mathcal{O}(5; \{12^3, 4, 3^2, 2^6\})$	4953389137920
12	$\mathcal{O}(5; \{12^3, 4, 3^5, 2^2\})$	42599146586112
12	$\mathcal{O}(5; \{12^3, 4^3, 3^2, 2^3\})$	19813556551680
12	$\mathcal{O}(5; \{12^3, 4^5, 3^2\})$	79254226206720
12	$\mathcal{O}(5; \{12^3, 6, 4, 2^7\})$	2972033482752
12	$\mathcal{O}(5; \{12^3, 6, 4, 3^3, 2^3\})$	20804234379264
12	$\mathcal{O}(5; \{12^3, 6, 4^3, 2^4\})$	11888133931008
12	$\mathcal{O}(5; \{12^3, 6, 4^3, 3^3\})$	83216937517056
12	$\mathcal{O}(5; \{12^3, 6, 4^5, 2\})$	47552535724032
12	$\mathcal{O}(5; \{12^3, 6^2, 4, 3, 2^4\})$	10897456103424
12	$\mathcal{O}(5; \{12^3, 6^2, 4, 3^4\})$	84207615344640
12	$\mathcal{O}(5; \{12^3, 6^2, 4^3, 3, 2\})$	43589824413696
12	$\mathcal{O}(5; \{12^3, 6^3, 4, 3^2, 2\})$	42599146586112
12	$\mathcal{O}(5; \{12^3, 6^4, 4, 2^2\})$	20804234379264
12	$\mathcal{O}(5; \{12^4, 3, 2^7\})$	4953389137920
12	$\mathcal{O}(5; \{12^4, 3^4, 2^3\})$	42599146586112
12	$\mathcal{O}(5; \{12^4, 4^2, 3, 2^4\})$	19813556551680
12	$\mathcal{O}(5; \{12^4, 4^2, 3^4\})$	170396586344448
12	$\mathcal{O}(5; \{12^4, 4^4, 3, 2\})$	79254226206720
12	$\mathcal{O}(5; \{12^4, 6, 3^2, 2^4\})$	20804234379264
12	$\mathcal{O}(5; \{12^4, 6, 3^5\})$	169405908516864
12	$\mathcal{O}(5; \{12^4, 6, 4^2, 3^2, 2\})$	83216937517056
12	$\mathcal{O}(5; \{12^4, 6^2, 2^5\})$	10897456103424
12	$\mathcal{O}(5; \{12^4, 6^2, 3^3, 2\})$	84207615344640
12	$\mathcal{O}(5; \{12^4, 6^2, 4^2, 2^2\})$	43589824413696
12	$\mathcal{O}(5; \{12^4, 6^3, 3, 2^2\})$	42599146586112
12	$\mathcal{O}(5; \{12^4, 6^5\})$	84207615344640
12	$\mathcal{O}(5; \{12^5, 4, 2^5\})$	19813556551680
12	$\mathcal{O}(5; \{12^5, 4, 3^3, 2\})$	170396586344448
12	$\mathcal{O}(5; \{12^5, 4^3, 2^2\})$	79254226206720
12	$\mathcal{O}(5; \{12^5, 6, 4, 3, 2^2\})$	83216937517056
12	$\mathcal{O}(5; \{12^5, 6^3, 4\})$	170396586344448
12	$\mathcal{O}(5; \{12^6, 3^2, 2^2\})$	170396586344448
12	$\mathcal{O}(5; \{12^6, 6, 2^3\})$	83216937517056
12	$\mathcal{O}(5; \{12^6, 6, 4^2\})$	332867750068224
12	$\mathcal{O}(5; \{12^6, 6^2, 3\})$	336830461378560
12	$\mathcal{O}(5; \{12^7, 4, 3\})$	681586345377792
12	$\mathcal{O}(5; \{12^8, 2\})$	681586345377792
12	$\mathcal{O}(4; \{4^2, 3^2, 2^{14}\})$	1719926784
12	$\mathcal{O}(4; \{4^2, 3^5, 2^{10}\})$	8599633920

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{4^2, 3^8, 2^6\})$	73956851712
12	$\mathcal{O}(4; \{4^2, 3^{11}, 2^2\})$	586495033344
12	$\mathcal{O}(4; \{4^4, 3^2, 2^{11}\})$	6879707136
12	$\mathcal{O}(4; \{4^4, 3^5, 2^7\})$	34398535680
12	$\mathcal{O}(4; \{4^4, 3^8, 2^3\})$	295827406848
12	$\mathcal{O}(4; \{4^6, 3^2, 2^8\})$	27518828544
12	$\mathcal{O}(4; \{4^6, 3^5, 2^4\})$	137594142720
12	$\mathcal{O}(4; \{4^6, 3^8\})$	1183309627392
12	$\mathcal{O}(4; \{4^8, 3^2, 2^5\})$	110075314176
12	$\mathcal{O}(4; \{4^8, 3^5, 2\})$	550376570880
12	$\mathcal{O}(4; \{4^{10}, 3^2, 2^2\})$	440301256704
12	$\mathcal{O}(4; \{6, 4^2, 3^3, 2^{11}\})$	5159780352
12	$\mathcal{O}(4; \{6, 4^2, 3^6, 2^7\})$	36118462464
12	$\mathcal{O}(4; \{6, 4^2, 3^9, 2^3\})$	294107480064
12	$\mathcal{O}(4; \{6, 4^4, 3^3, 2^8\})$	20639121408
12	$\mathcal{O}(4; \{6, 4^4, 3^6, 2^4\})$	144473849856
12	$\mathcal{O}(4; \{6, 4^4, 3^9\})$	1176429920256
12	$\mathcal{O}(4; \{6, 4^6, 3^3, 2^5\})$	82556485632
12	$\mathcal{O}(4; \{6, 4^6, 3^6, 2\})$	577895399424
12	$\mathcal{O}(4; \{6, 4^8, 3^3, 2^2\})$	330225942528
12	$\mathcal{O}(4; \{6^2, 4^2, 3, 2^{12}\})$	1719926784
12	$\mathcal{O}(4; \{6^2, 4^2, 3^4, 2^8\})$	18919194624
12	$\mathcal{O}(4; \{6^2, 4^2, 3^7, 2^4\})$	146193776640
12	$\mathcal{O}(4; \{6^2, 4^2, 3^{10}\})$	1174709993472
12	$\mathcal{O}(4; \{6^2, 4^4, 3, 2^9\})$	6879707136
12	$\mathcal{O}(4; \{6^2, 4^4, 3^4, 2^5\})$	75676778496
12	$\mathcal{O}(4; \{6^2, 4^4, 3^7, 2\})$	584775106560
12	$\mathcal{O}(4; \{6^2, 4^6, 3, 2^6\})$	27518828544
12	$\mathcal{O}(4; \{6^2, 4^6, 3^4, 2^2\})$	302707113984
12	$\mathcal{O}(4; \{6^2, 4^8, 3, 2^3\})$	110075314176
12	$\mathcal{O}(4; \{6^2, 4^{10}, 3\})$	440301256704
12	$\mathcal{O}(4; \{6^3, 4^2, 3^2, 2^9\})$	8599633920
12	$\mathcal{O}(4; \{6^3, 4^2, 3^5, 2^5\})$	73956851712
12	$\mathcal{O}(4; \{6^3, 4^2, 3^8, 2\})$	586495033344
12	$\mathcal{O}(4; \{6^3, 4^4, 3^2, 2^6\})$	34398535680
12	$\mathcal{O}(4; \{6^3, 4^4, 3^5, 2^2\})$	295827406848
12	$\mathcal{O}(4; \{6^3, 4^6, 3^2, 2^3\})$	137594142720
12	$\mathcal{O}(4; \{6^3, 4^8, 3^2\})$	550376570880
12	$\mathcal{O}(4; \{6^4, 4^2, 2^{10}\})$	5159780352
12	$\mathcal{O}(4; \{6^4, 4^2, 3^3, 2^6\})$	36118462464
12	$\mathcal{O}(4; \{6^4, 4^2, 3^6, 2^2\})$	294107480064
12	$\mathcal{O}(4; \{6^4, 4^4, 2^7\})$	20639121408
12	$\mathcal{O}(4; \{6^4, 4^4, 3^3, 2^3\})$	144473849856

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{6^4, 4^6, 2^4\})$	82556485632
12	$\mathcal{O}(4; \{6^4, 4^6, 3^3\})$	577895399424
12	$\mathcal{O}(4; \{6^4, 4^8, 2\})$	330225942528
12	$\mathcal{O}(4; \{6^5, 4^2, 3, 2^7\})$	18919194624
12	$\mathcal{O}(4; \{6^5, 4^2, 3^4, 2^3\})$	146193776640
12	$\mathcal{O}(4; \{6^5, 4^4, 3, 2^4\})$	75676778496
12	$\mathcal{O}(4; \{6^5, 4^4, 3^4\})$	584775106560
12	$\mathcal{O}(4; \{6^5, 4^6, 3, 2\})$	302707113984
12	$\mathcal{O}(4; \{6^6, 4^2, 3^2, 2^4\})$	73956851712
12	$\mathcal{O}(4; \{6^6, 4^2, 3^5\})$	586495033344
12	$\mathcal{O}(4; \{6^6, 4^4, 3^2, 2\})$	295827406848
12	$\mathcal{O}(4; \{6^7, 4^2, 2^5\})$	36118462464
12	$\mathcal{O}(4; \{6^7, 4^2, 3^3, 2\})$	294107480064
12	$\mathcal{O}(4; \{6^7, 4^4, 2^2\})$	144473849856
12	$\mathcal{O}(4; \{6^8, 4^2, 3, 2^2\})$	146193776640
12	$\mathcal{O}(4; \{6^{10}, 4^2\})$	294107480064
12	$\mathcal{O}(4; \{12, 4, 3, 2^{15}\})$	1719926784
12	$\mathcal{O}(4; \{12, 4, 3^4, 2^{11}\})$	8599633920
12	$\mathcal{O}(4; \{12, 4, 3^7, 2^7\})$	73956851712
12	$\mathcal{O}(4; \{12, 4, 3^{10}, 2^3\})$	586495033344
12	$\mathcal{O}(4; \{12, 4^3, 3, 2^{12}\})$	6879707136
12	$\mathcal{O}(4; \{12, 4^3, 3^4, 2^8\})$	34398535680
12	$\mathcal{O}(4; \{12, 4^3, 3^7, 2^4\})$	295827406848
12	$\mathcal{O}(4; \{12, 4^3, 3^{10}\})$	2345980133376
12	$\mathcal{O}(4; \{12, 4^5, 3, 2^9\})$	27518828544
12	$\mathcal{O}(4; \{12, 4^5, 3^4, 2^5\})$	137594142720
12	$\mathcal{O}(4; \{12, 4^5, 3^7, 2\})$	1183309627392
12	$\mathcal{O}(4; \{12, 4^7, 3, 2^6\})$	110075314176
12	$\mathcal{O}(4; \{12, 4^7, 3^4, 2^2\})$	550376570880
12	$\mathcal{O}(4; \{12, 4^9, 3, 2^3\})$	440301256704
12	$\mathcal{O}(4; \{12, 4^{11}, 3\})$	1761205026816
12	$\mathcal{O}(4; \{12, 6, 4, 3^2, 2^{12}\})$	5159780352
12	$\mathcal{O}(4; \{12, 6, 4, 3^5, 2^8\})$	36118462464
12	$\mathcal{O}(4; \{12, 6, 4, 3^8, 2^4\})$	294107480064
12	$\mathcal{O}(4; \{12, 6, 4, 3^{11}\})$	2347700060160
12	$\mathcal{O}(4; \{12, 6, 4^3, 3^2, 2^9\})$	20639121408
12	$\mathcal{O}(4; \{12, 6, 4^3, 3^5, 2^5\})$	144473849856
12	$\mathcal{O}(4; \{12, 6, 4^3, 3^8, 2\})$	1176429920256
12	$\mathcal{O}(4; \{12, 6, 4^5, 3^2, 2^6\})$	82556485632
12	$\mathcal{O}(4; \{12, 6, 4^5, 3^5, 2^2\})$	577895399424
12	$\mathcal{O}(4; \{12, 6, 4^7, 3^2, 2^3\})$	330225942528
12	$\mathcal{O}(4; \{12, 6, 4^9, 3^2\})$	1320903770112
12	$\mathcal{O}(4; \{12, 6^2, 4, 2^{13}\})$	1719926784

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12, 6^2, 4, 3^3, 2^9\})$	18919194624
12	$\mathcal{O}(4; \{12, 6^2, 4, 3^6, 2^5\})$	146193776640
12	$\mathcal{O}(4; \{12, 6^2, 4, 3^9, 2\})$	1174709993472
12	$\mathcal{O}(4; \{12, 6^2, 4^3, 2^{10}\})$	6879707136
12	$\mathcal{O}(4; \{12, 6^2, 4^3, 3^3, 2^6\})$	75676778496
12	$\mathcal{O}(4; \{12, 6^2, 4^3, 3^6, 2^2\})$	584775106560
12	$\mathcal{O}(4; \{12, 6^2, 4^5, 2^7\})$	27518828544
12	$\mathcal{O}(4; \{12, 6^2, 4^5, 3^3, 2^3\})$	302707113984
12	$\mathcal{O}(4; \{12, 6^2, 4^7, 2^4\})$	110075314176
12	$\mathcal{O}(4; \{12, 6^2, 4^7, 3^3\})$	1210828455936
12	$\mathcal{O}(4; \{12, 6^2, 4^9, 2\})$	440301256704
12	$\mathcal{O}(4; \{12, 6^3, 4, 3, 2^{10}\})$	8599633920
12	$\mathcal{O}(4; \{12, 6^3, 4, 3^4, 2^6\})$	73956851712
12	$\mathcal{O}(4; \{12, 6^3, 4, 3^7, 2^2\})$	586495033344
12	$\mathcal{O}(4; \{12, 6^3, 4^3, 3, 2^7\})$	34398535680
12	$\mathcal{O}(4; \{12, 6^3, 4^3, 3^4, 2^3\})$	295827406848
12	$\mathcal{O}(4; \{12, 6^3, 4^5, 3, 2^4\})$	137594142720
12	$\mathcal{O}(4; \{12, 6^3, 4^5, 3^4\})$	1183309627392
12	$\mathcal{O}(4; \{12, 6^3, 4^7, 3, 2\})$	550376570880
12	$\mathcal{O}(4; \{12, 6^4, 4, 3^2, 2^7\})$	36118462464
12	$\mathcal{O}(4; \{12, 6^4, 4, 3^5, 2^3\})$	294107480064
12	$\mathcal{O}(4; \{12, 6^4, 4^3, 3^2, 2^4\})$	144473849856
12	$\mathcal{O}(4; \{12, 6^4, 4^3, 3^5\})$	1176429920256
12	$\mathcal{O}(4; \{12, 6^4, 4^5, 3^2, 2\})$	577895399424
12	$\mathcal{O}(4; \{12, 6^5, 4, 2^8\})$	18919194624
12	$\mathcal{O}(4; \{12, 6^5, 4, 3^3, 2^4\})$	146193776640
12	$\mathcal{O}(4; \{12, 6^5, 4, 3^6\})$	1174709993472
12	$\mathcal{O}(4; \{12, 6^5, 4^3, 2^5\})$	75676778496
12	$\mathcal{O}(4; \{12, 6^5, 4^3, 3^3, 2\})$	584775106560
12	$\mathcal{O}(4; \{12, 6^5, 4^5, 2^2\})$	302707113984
12	$\mathcal{O}(4; \{12, 6^6, 4, 3, 2^5\})$	73956851712
12	$\mathcal{O}(4; \{12, 6^6, 4, 3^4, 2\})$	586495033344
12	$\mathcal{O}(4; \{12, 6^6, 4^3, 3, 2^2\})$	295827406848
12	$\mathcal{O}(4; \{12, 6^7, 4, 3^2, 2^2\})$	294107480064
12	$\mathcal{O}(4; \{12, 6^8, 4, 2^3\})$	146193776640
12	$\mathcal{O}(4; \{12, 6^8, 4^3\})$	584775106560
12	$\mathcal{O}(4; \{12, 6^9, 4, 3\})$	586495033344
12	$\mathcal{O}(4; \{12^2, 2^{16}\})$	1719926784
12	$\mathcal{O}(4; \{12^2, 3^3, 2^{12}\})$	8599633920
12	$\mathcal{O}(4; \{12^2, 3^6, 2^8\})$	73956851712
12	$\mathcal{O}(4; \{12^2, 3^9, 2^4\})$	586495033344
12	$\mathcal{O}(4; \{12^2, 3^{12}\})$	4697120047104
12	$\mathcal{O}(4; \{12^2, 4^2, 2^{13}\})$	6879707136

Continued on next page

Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^2, 4^2, 3^3, 2^9\})$	34398535680
12	$\mathcal{O}(4; \{12^2, 4^2, 3^6, 2^5\})$	295827406848
12	$\mathcal{O}(4; \{12^2, 4^2, 3^9, 2\})$	2345980133376
12	$\mathcal{O}(4; \{12^2, 4^4, 2^{10}\})$	27518828544
12	$\mathcal{O}(4; \{12^2, 4^4, 3^3, 2^6\})$	137594142720
12	$\mathcal{O}(4; \{12^2, 4^4, 3^6, 2^2\})$	1183309627392
12	$\mathcal{O}(4; \{12^2, 4^6, 2^7\})$	110075314176
12	$\mathcal{O}(4; \{12^2, 4^6, 3^3, 2^3\})$	550376570880
12	$\mathcal{O}(4; \{12^2, 4^8, 2^4\})$	440301256704
12	$\mathcal{O}(4; \{12^2, 4^8, 3^3\})$	2201506283520
12	$\mathcal{O}(4; \{12^2, 4^{10}, 2\})$	1761205026816
12	$\mathcal{O}(4; \{12^2, 6, 3, 2^{13}\})$	5159780352
12	$\mathcal{O}(4; \{12^2, 6, 3^4, 2^9\})$	36118462464
12	$\mathcal{O}(4; \{12^2, 6, 3^7, 2^5\})$	294107480064
12	$\mathcal{O}(4; \{12^2, 6, 3^{10}, 2\})$	2347700060160
12	$\mathcal{O}(4; \{12^2, 6, 4^2, 3, 2^{10}\})$	20639121408
12	$\mathcal{O}(4; \{12^2, 6, 4^2, 3^4, 2^6\})$	144473849856
12	$\mathcal{O}(4; \{12^2, 6, 4^2, 3^7, 2^2\})$	1176429920256
12	$\mathcal{O}(4; \{12^2, 6, 4^4, 3, 2^7\})$	82556485632
12	$\mathcal{O}(4; \{12^2, 6, 4^4, 3^4, 2^3\})$	577895399424
12	$\mathcal{O}(4; \{12^2, 6, 4^6, 3, 2^4\})$	330225942528
12	$\mathcal{O}(4; \{12^2, 6, 4^6, 3^4\})$	2311581597696
12	$\mathcal{O}(4; \{12^2, 6, 4^8, 3, 2\})$	1320903770112
12	$\mathcal{O}(4; \{12^2, 6^2, 3^2, 2^{10}\})$	18919194624
12	$\mathcal{O}(4; \{12^2, 6^2, 3^5, 2^6\})$	146193776640
12	$\mathcal{O}(4; \{12^2, 6^2, 3^8, 2^2\})$	1174709993472
12	$\mathcal{O}(4; \{12^2, 6^2, 4^2, 3^2, 2^7\})$	75676778496
12	$\mathcal{O}(4; \{12^2, 6^2, 4^2, 3^5, 2^3\})$	584775106560
12	$\mathcal{O}(4; \{12^2, 6^2, 4^4, 3^2, 2^4\})$	302707113984
12	$\mathcal{O}(4; \{12^2, 6^2, 4^4, 3^5\})$	2339100426240
12	$\mathcal{O}(4; \{12^2, 6^2, 4^6, 3^2, 2\})$	1210828455936
12	$\mathcal{O}(4; \{12^2, 6^3, 2^{11}\})$	8599633920
12	$\mathcal{O}(4; \{12^2, 6^3, 3^3, 2^7\})$	73956851712
12	$\mathcal{O}(4; \{12^2, 6^3, 3^6, 2^3\})$	586495033344
12	$\mathcal{O}(4; \{12^2, 6^3, 4^2, 2^8\})$	34398535680
12	$\mathcal{O}(4; \{12^2, 6^3, 4^2, 3^3, 2^4\})$	295827406848
12	$\mathcal{O}(4; \{12^2, 6^3, 4^2, 3^6\})$	2345980133376
12	$\mathcal{O}(4; \{12^2, 6^3, 4^4, 2^5\})$	137594142720
12	$\mathcal{O}(4; \{12^2, 6^3, 4^4, 3^3, 2\})$	1183309627392
12	$\mathcal{O}(4; \{12^2, 6^3, 4^6, 2^2\})$	550376570880
12	$\mathcal{O}(4; \{12^2, 6^4, 3, 2^8\})$	36118462464
12	$\mathcal{O}(4; \{12^2, 6^4, 3^4, 2^4\})$	294107480064
12	$\mathcal{O}(4; \{12^2, 6^4, 3^7\})$	2347700060160

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^2, 6^4, 4^2, 3, 2^5\})$	144473849856
12	$\mathcal{O}(4; \{12^2, 6^4, 4^2, 3^4, 2\})$	1176429920256
12	$\mathcal{O}(4; \{12^2, 6^4, 4^4, 3, 2^2\})$	577895399424
12	$\mathcal{O}(4; \{12^2, 6^5, 3^2, 2^5\})$	146193776640
12	$\mathcal{O}(4; \{12^2, 6^5, 3^5, 2\})$	1174709993472
12	$\mathcal{O}(4; \{12^2, 6^5, 4^2, 3^2, 2^2\})$	584775106560
12	$\mathcal{O}(4; \{12^2, 6^6, 2^6\})$	73956851712
12	$\mathcal{O}(4; \{12^2, 6^6, 3^3, 2^2\})$	586495033344
12	$\mathcal{O}(4; \{12^2, 6^6, 4^2, 2^3\})$	295827406848
12	$\mathcal{O}(4; \{12^2, 6^6, 4^4\})$	1183309627392
12	$\mathcal{O}(4; \{12^2, 6^7, 3, 2^3\})$	294107480064
12	$\mathcal{O}(4; \{12^2, 6^7, 4^2, 3\})$	1176429920256
12	$\mathcal{O}(4; \{12^2, 6^8, 3^2\})$	1174709993472
12	$\mathcal{O}(4; \{12^2, 6^9, 2\})$	586495033344
12	$\mathcal{O}(4; \{12^3, 4, 3^2, 2^{10}\})$	34398535680
12	$\mathcal{O}(4; \{12^3, 4, 3^5, 2^6\})$	295827406848
12	$\mathcal{O}(4; \{12^3, 4, 3^8, 2^2\})$	2345980133376
12	$\mathcal{O}(4; \{12^3, 4^3, 3^2, 2^7\})$	137594142720
12	$\mathcal{O}(4; \{12^3, 4^3, 3^5, 2^3\})$	1183309627392
12	$\mathcal{O}(4; \{12^3, 4^5, 3^2, 2^4\})$	550376570880
12	$\mathcal{O}(4; \{12^3, 4^5, 3^5\})$	4733238509568
12	$\mathcal{O}(4; \{12^3, 4^7, 3^2, 2\})$	2201506283520
12	$\mathcal{O}(4; \{12^3, 6, 4, 2^{11}\})$	20639121408
12	$\mathcal{O}(4; \{12^3, 6, 4, 3^3, 2^7\})$	144473849856
12	$\mathcal{O}(4; \{12^3, 6, 4, 3^6, 2^3\})$	1176429920256
12	$\mathcal{O}(4; \{12^3, 6, 4^3, 2^8\})$	82556485632
12	$\mathcal{O}(4; \{12^3, 6, 4^3, 3^3, 2^4\})$	577895399424
12	$\mathcal{O}(4; \{12^3, 6, 4^3, 3^6\})$	4705719681024
12	$\mathcal{O}(4; \{12^3, 6, 4^5, 2^5\})$	330225942528
12	$\mathcal{O}(4; \{12^3, 6, 4^5, 3^3, 2\})$	2311581597696
12	$\mathcal{O}(4; \{12^3, 6, 4^7, 2^2\})$	1320903770112
12	$\mathcal{O}(4; \{12^3, 6^2, 4, 3, 2^8\})$	75676778496
12	$\mathcal{O}(4; \{12^3, 6^2, 4, 3^4, 2^4\})$	584775106560
12	$\mathcal{O}(4; \{12^3, 6^2, 4, 3^7\})$	4698839973888
12	$\mathcal{O}(4; \{12^3, 6^2, 4^3, 3, 2^5\})$	302707113984
12	$\mathcal{O}(4; \{12^3, 6^2, 4^3, 3^4, 2\})$	2339100426240
12	$\mathcal{O}(4; \{12^3, 6^2, 4^5, 3, 2^2\})$	1210828455936
12	$\mathcal{O}(4; \{12^3, 6^3, 4, 3^2, 2^5\})$	295827406848
12	$\mathcal{O}(4; \{12^3, 6^3, 4, 3^5, 2\})$	2345980133376
12	$\mathcal{O}(4; \{12^3, 6^3, 4^3, 3^2, 2^2\})$	1183309627392
12	$\mathcal{O}(4; \{12^3, 6^4, 4, 2^6\})$	144473849856
12	$\mathcal{O}(4; \{12^3, 6^4, 4, 3^3, 2^2\})$	1176429920256
12	$\mathcal{O}(4; \{12^3, 6^4, 4^3, 2^3\})$	577895399424

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^3, 6^4, 4^5\})$	2311581597696
12	$\mathcal{O}(4; \{12^3, 6^5, 4, 3, 2^3\})$	584775106560
12	$\mathcal{O}(4; \{12^3, 6^5, 4^3, 3\})$	2339100426240
12	$\mathcal{O}(4; \{12^3, 6^6, 4, 3^2\})$	2345980133376
12	$\mathcal{O}(4; \{12^3, 6^7, 4, 2\})$	1176429920256
12	$\mathcal{O}(4; \{12^4, 3, 2^{11}\})$	34398535680
12	$\mathcal{O}(4; \{12^4, 3^4, 2^7\})$	295827406848
12	$\mathcal{O}(4; \{12^4, 3^7, 2^3\})$	2345980133376
12	$\mathcal{O}(4; \{12^4, 4^2, 3, 2^8\})$	137594142720
12	$\mathcal{O}(4; \{12^4, 4^2, 3^4, 2^4\})$	1183309627392
12	$\mathcal{O}(4; \{12^4, 4^2, 3^7\})$	9383920533504
12	$\mathcal{O}(4; \{12^4, 4^4, 3, 2^5\})$	550376570880
12	$\mathcal{O}(4; \{12^4, 4^4, 3^4, 2\})$	4733238509568
12	$\mathcal{O}(4; \{12^4, 4^6, 3, 2^2\})$	2201506283520
12	$\mathcal{O}(4; \{12^4, 6, 3^2, 2^8\})$	144473849856
12	$\mathcal{O}(4; \{12^4, 6, 3^5, 2^4\})$	1176429920256
12	$\mathcal{O}(4; \{12^4, 6, 3^8\})$	9390800240640
12	$\mathcal{O}(4; \{12^4, 6, 4^2, 3^2, 2^5\})$	577895399424
12	$\mathcal{O}(4; \{12^4, 6, 4^2, 3^5, 2\})$	4705719681024
12	$\mathcal{O}(4; \{12^4, 6, 4^4, 3^2, 2^2\})$	2311581597696
12	$\mathcal{O}(4; \{12^4, 6^2, 2^9\})$	75676778496
12	$\mathcal{O}(4; \{12^4, 6^2, 3^3, 2^5\})$	584775106560
12	$\mathcal{O}(4; \{12^4, 6^2, 3^6, 2\})$	4698839973888
12	$\mathcal{O}(4; \{12^4, 6^2, 4^2, 2^6\})$	302707113984
12	$\mathcal{O}(4; \{12^4, 6^2, 4^2, 3^3, 2^2\})$	2339100426240
12	$\mathcal{O}(4; \{12^4, 6^2, 4^4, 2^3\})$	1210828455936
12	$\mathcal{O}(4; \{12^4, 6^2, 4^6\})$	4843313823744
12	$\mathcal{O}(4; \{12^4, 6^3, 3, 2^6\})$	295827406848
12	$\mathcal{O}(4; \{12^4, 6^3, 3^4, 2^2\})$	2345980133376
12	$\mathcal{O}(4; \{12^4, 6^3, 4^2, 3, 2^3\})$	1183309627392
12	$\mathcal{O}(4; \{12^4, 6^3, 4^4, 3\})$	4733238509568
12	$\mathcal{O}(4; \{12^4, 6^4, 3^2, 2^3\})$	1176429920256
12	$\mathcal{O}(4; \{12^4, 6^4, 4^2, 3^2\})$	4705719681024
12	$\mathcal{O}(4; \{12^4, 6^5, 2^4\})$	584775106560
12	$\mathcal{O}(4; \{12^4, 6^5, 3^3\})$	4698839973888
12	$\mathcal{O}(4; \{12^4, 6^5, 4^2, 2\})$	2339100426240
12	$\mathcal{O}(4; \{12^4, 6^6, 3, 2\})$	2345980133376
12	$\mathcal{O}(4; \{12^5, 4, 2^9\})$	137594142720
12	$\mathcal{O}(4; \{12^5, 4, 3^3, 2^5\})$	1183309627392
12	$\mathcal{O}(4; \{12^5, 4, 3^6, 2\})$	9383920533504
12	$\mathcal{O}(4; \{12^5, 4^3, 2^6\})$	550376570880
12	$\mathcal{O}(4; \{12^5, 4^3, 3^3, 2^2\})$	4733238509568
12	$\mathcal{O}(4; \{12^5, 4^5, 2^3\})$	2201506283520

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^5, 4^7\})$	8806025134080
12	$\mathcal{O}(4; \{12^5, 6, 4, 3, 2^6\})$	577895399424
12	$\mathcal{O}(4; \{12^5, 6, 4, 3^4, 2^2\})$	4705719681024
12	$\mathcal{O}(4; \{12^5, 6, 4^3, 3, 2^3\})$	2311581597696
12	$\mathcal{O}(4; \{12^5, 6, 4^5, 3\})$	9246326390784
12	$\mathcal{O}(4; \{12^5, 6^2, 4, 3^2, 2^3\})$	2339100426240
12	$\mathcal{O}(4; \{12^5, 6^2, 4^3, 3^2\})$	9356401704960
12	$\mathcal{O}(4; \{12^5, 6^3, 4, 2^4\})$	1183309627392
12	$\mathcal{O}(4; \{12^5, 6^3, 4, 3^3\})$	9383920533504
12	$\mathcal{O}(4; \{12^5, 6^3, 4^3, 2\})$	4733238509568
12	$\mathcal{O}(4; \{12^5, 6^4, 4, 3, 2\})$	4705719681024
12	$\mathcal{O}(4; \{12^6, 3^2, 2^6\})$	1183309627392
12	$\mathcal{O}(4; \{12^6, 3^5, 2^2\})$	9383920533504
12	$\mathcal{O}(4; \{12^6, 4^2, 3^2, 2^3\})$	4733238509568
12	$\mathcal{O}(4; \{12^6, 4^4, 3^2\})$	18932954038272
12	$\mathcal{O}(4; \{12^6, 6, 2^7\})$	577895399424
12	$\mathcal{O}(4; \{12^6, 6, 3^3, 2^3\})$	4705719681024
12	$\mathcal{O}(4; \{12^6, 6, 4^2, 2^4\})$	2311581597696
12	$\mathcal{O}(4; \{12^6, 6, 4^2, 3^3\})$	18822878724096
12	$\mathcal{O}(4; \{12^6, 6, 4^4, 2\})$	9246326390784
12	$\mathcal{O}(4; \{12^6, 6^2, 3, 2^4\})$	2339100426240
12	$\mathcal{O}(4; \{12^6, 6^2, 3^4\})$	18795359895552
12	$\mathcal{O}(4; \{12^6, 6^2, 4^2, 3, 2\})$	9356401704960
12	$\mathcal{O}(4; \{12^6, 6^3, 3^2, 2\})$	9383920533504
12	$\mathcal{O}(4; \{12^6, 6^4, 2^2\})$	4705719681024
12	$\mathcal{O}(4; \{12^7, 4, 3, 2^4\})$	4733238509568
12	$\mathcal{O}(4; \{12^7, 4, 3^4\})$	37535682134016
12	$\mathcal{O}(4; \{12^7, 4^3, 3, 2\})$	18932954038272
12	$\mathcal{O}(4; \{12^7, 6, 4, 3^2, 2\})$	18822878724096
12	$\mathcal{O}(4; \{12^7, 6^2, 4, 2^2\})$	9356401704960
12	$\mathcal{O}(4; \{12^8, 2^5\})$	4733238509568
12	$\mathcal{O}(4; \{12^8, 3^3, 2\})$	37535682134016
12	$\mathcal{O}(4; \{12^8, 4^2, 2^2\})$	18932954038272
12	$\mathcal{O}(4; \{12^8, 6, 3, 2^2\})$	18822878724096
12	$\mathcal{O}(4; \{12^8, 6^3\})$	37535682134016
12	$\mathcal{O}(4; \{12^9, 6, 4\})$	75291514896384
12	$\mathcal{O}(4; \{12^{10}, 3\})$	150142728536064
12	$\mathcal{O}(3; \{4^2, 3^2, 2^{18}\})$	11943936
12	$\mathcal{O}(3; \{4^2, 3^5, 2^{14}\})$	59719680
12	$\mathcal{O}(3; \{4^2, 3^8, 2^{10}\})$	513589248
12	$\mathcal{O}(3; \{4^2, 3^{11}, 2^6\})$	4072882176
12	$\mathcal{O}(3; \{4^2, 3^{14}, 2^2\})$	32618889216
12	$\mathcal{O}(3; \{4^4, 3^2, 2^{15}\})$	47775744

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{4^4, 3^5, 2^{11}\})$	238878720
12	$\mathcal{O}(3; \{4^4, 3^8, 2^7\})$	2054356992
12	$\mathcal{O}(3; \{4^4, 3^{11}, 2^3\})$	16291528704
12	$\mathcal{O}(3; \{4^6, 3^2, 2^{12}\})$	191102976
12	$\mathcal{O}(3; \{4^6, 3^5, 2^8\})$	955514880
12	$\mathcal{O}(3; \{4^6, 3^8, 2^4\})$	8217427968
12	$\mathcal{O}(3; \{4^6, 3^{11}\})$	65166114816
12	$\mathcal{O}(3; \{4^8, 3^2, 2^9\})$	764411904
12	$\mathcal{O}(3; \{4^8, 3^5, 2^5\})$	3822059520
12	$\mathcal{O}(3; \{4^8, 3^8, 2\})$	32869711872
12	$\mathcal{O}(3; \{4^{10}, 3^2, 2^6\})$	3057647616
12	$\mathcal{O}(3; \{4^{10}, 3^5, 2^2\})$	15288238080
12	$\mathcal{O}(3; \{4^{12}, 3^2, 2^3\})$	12230590464
12	$\mathcal{O}(3; \{4^{14}, 3^2\})$	48922361856
12	$\mathcal{O}(3; \{6, 4^2, 3^3, 2^{15}\})$	35831808
12	$\mathcal{O}(3; \{6, 4^2, 3^6, 2^{11}\})$	250822656
12	$\mathcal{O}(3; \{6, 4^2, 3^9, 2^7\})$	2042413056
12	$\mathcal{O}(3; \{6, 4^2, 3^{12}, 2^3\})$	16303472640
12	$\mathcal{O}(3; \{6, 4^4, 3^3, 2^{12}\})$	143327232
12	$\mathcal{O}(3; \{6, 4^4, 3^6, 2^8\})$	1003290624
12	$\mathcal{O}(3; \{6, 4^4, 3^9, 2^4\})$	8169652224
12	$\mathcal{O}(3; \{6, 4^4, 3^{12}\})$	65213890560
12	$\mathcal{O}(3; \{6, 4^6, 3^3, 2^9\})$	573308928
12	$\mathcal{O}(3; \{6, 4^6, 3^6, 2^5\})$	4013162496
12	$\mathcal{O}(3; \{6, 4^6, 3^9, 2\})$	32678608896
12	$\mathcal{O}(3; \{6, 4^8, 3^3, 2^6\})$	2293235712
12	$\mathcal{O}(3; \{6, 4^8, 3^6, 2^2\})$	16052649984
12	$\mathcal{O}(3; \{6, 4^{10}, 3^3, 2^3\})$	9172942848
12	$\mathcal{O}(3; \{6, 4^{12}, 3^3\})$	36691771392
12	$\mathcal{O}(3; \{6^2, 4^2, 3, 2^{16}\})$	11943936
12	$\mathcal{O}(3; \{6^2, 4^2, 3^4, 2^{12}\})$	131383296
12	$\mathcal{O}(3; \{6^2, 4^2, 3^7, 2^8\})$	1015234560
12	$\mathcal{O}(3; \{6^2, 4^2, 3^{10}, 2^4\})$	8157708288
12	$\mathcal{O}(3; \{6^2, 4^2, 3^{13}\})$	65225834496
12	$\mathcal{O}(3; \{6^2, 4^4, 3, 2^{13}\})$	47775744
12	$\mathcal{O}(3; \{6^2, 4^4, 3^4, 2^9\})$	525533184
12	$\mathcal{O}(3; \{6^2, 4^4, 3^7, 2^5\})$	4060938240
12	$\mathcal{O}(3; \{6^2, 4^4, 3^{10}, 2\})$	32630833152
12	$\mathcal{O}(3; \{6^2, 4^6, 3, 2^{10}\})$	191102976
12	$\mathcal{O}(3; \{6^2, 4^6, 3^4, 2^6\})$	2102132736
12	$\mathcal{O}(3; \{6^2, 4^6, 3^7, 2^2\})$	16243752960
12	$\mathcal{O}(3; \{6^2, 4^8, 3, 2^7\})$	764411904
12	$\mathcal{O}(3; \{6^2, 4^8, 3^4, 2^3\})$	8408530944

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{6^2, 4^{10}, 3, 2^4\})$	3057647616
12	$\mathcal{O}(3; \{6^2, 4^{10}, 3^4\})$	33634123776
12	$\mathcal{O}(3; \{6^2, 4^{12}, 3, 2\})$	12230590464
12	$\mathcal{O}(3; \{6^3, 4^2, 3^2, 2^{13}\})$	59719680
12	$\mathcal{O}(3; \{6^3, 4^2, 3^5, 2^9\})$	513589248
12	$\mathcal{O}(3; \{6^3, 4^2, 3^8, 2^5\})$	4072882176
12	$\mathcal{O}(3; \{6^3, 4^2, 3^{11}, 2\})$	32618889216
12	$\mathcal{O}(3; \{6^3, 4^4, 3^2, 2^{10}\})$	238878720
12	$\mathcal{O}(3; \{6^3, 4^4, 3^5, 2^6\})$	2054356992
12	$\mathcal{O}(3; \{6^3, 4^4, 3^8, 2^2\})$	16291528704
12	$\mathcal{O}(3; \{6^3, 4^6, 3^2, 2^7\})$	955514880
12	$\mathcal{O}(3; \{6^3, 4^6, 3^5, 2^3\})$	8217427968
12	$\mathcal{O}(3; \{6^3, 4^8, 3^2, 2^4\})$	3822059520
12	$\mathcal{O}(3; \{6^3, 4^8, 3^5\})$	32869711872
12	$\mathcal{O}(3; \{6^3, 4^{10}, 3^2, 2\})$	15288238080
12	$\mathcal{O}(3; \{6^4, 4^2, 2^{14}\})$	35831808
12	$\mathcal{O}(3; \{6^4, 4^2, 3^3, 2^{10}\})$	250822656
12	$\mathcal{O}(3; \{6^4, 4^2, 3^6, 2^6\})$	2042413056
12	$\mathcal{O}(3; \{6^4, 4^2, 3^9, 2^2\})$	16303472640
12	$\mathcal{O}(3; \{6^4, 4^4, 2^{11}\})$	143327232
12	$\mathcal{O}(3; \{6^4, 4^4, 3^3, 2^7\})$	1003290624
12	$\mathcal{O}(3; \{6^4, 4^4, 3^6, 2^3\})$	8169652224
12	$\mathcal{O}(3; \{6^4, 4^6, 2^8\})$	573308928
12	$\mathcal{O}(3; \{6^4, 4^6, 3^3, 2^4\})$	4013162496
12	$\mathcal{O}(3; \{6^4, 4^6, 3^6\})$	32678608896
12	$\mathcal{O}(3; \{6^4, 4^8, 2^5\})$	2293235712
12	$\mathcal{O}(3; \{6^4, 4^8, 3^3, 2\})$	16052649984
12	$\mathcal{O}(3; \{6^4, 4^{10}, 2^2\})$	9172942848
12	$\mathcal{O}(3; \{6^5, 4^2, 3, 2^{11}\})$	131383296
12	$\mathcal{O}(3; \{6^5, 4^2, 3^4, 2^7\})$	1015234560
12	$\mathcal{O}(3; \{6^5, 4^2, 3^7, 2^3\})$	8157708288
12	$\mathcal{O}(3; \{6^5, 4^4, 3, 2^8\})$	525533184
12	$\mathcal{O}(3; \{6^5, 4^4, 3^4, 2^4\})$	4060938240
12	$\mathcal{O}(3; \{6^5, 4^4, 3^7\})$	32630833152
12	$\mathcal{O}(3; \{6^5, 4^6, 3, 2^5\})$	2102132736
12	$\mathcal{O}(3; \{6^5, 4^6, 3^4, 2\})$	16243752960
12	$\mathcal{O}(3; \{6^5, 4^8, 3, 2^2\})$	8408530944
12	$\mathcal{O}(3; \{6^6, 4^2, 3^2, 2^8\})$	513589248
12	$\mathcal{O}(3; \{6^6, 4^2, 3^5, 2^4\})$	4072882176
12	$\mathcal{O}(3; \{6^6, 4^2, 3^8\})$	32618889216
12	$\mathcal{O}(3; \{6^6, 4^4, 3^2, 2^5\})$	2054356992
12	$\mathcal{O}(3; \{6^6, 4^4, 3^5, 2\})$	16291528704
12	$\mathcal{O}(3; \{6^6, 4^6, 3^2, 2^2\})$	8217427968

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{6^7, 4^2, 2^9\})$	250822656
12	$\mathcal{O}(3; \{6^7, 4^2, 3^3, 2^5\})$	2042413056
12	$\mathcal{O}(3; \{6^7, 4^2, 3^6, 2\})$	16303472640
12	$\mathcal{O}(3; \{6^7, 4^4, 2^6\})$	1003290624
12	$\mathcal{O}(3; \{6^7, 4^4, 3^3, 2^2\})$	8169652224
12	$\mathcal{O}(3; \{6^7, 4^6, 2^3\})$	4013162496
12	$\mathcal{O}(3; \{6^7, 4^8\})$	16052649984
12	$\mathcal{O}(3; \{6^8, 4^2, 3, 2^6\})$	1015234560
12	$\mathcal{O}(3; \{6^8, 4^2, 3^4, 2^2\})$	8157708288
12	$\mathcal{O}(3; \{6^8, 4^4, 3, 2^3\})$	4060938240
12	$\mathcal{O}(3; \{6^8, 4^6, 3\})$	16243752960
12	$\mathcal{O}(3; \{6^9, 4^2, 3^2, 2^3\})$	4072882176
12	$\mathcal{O}(3; \{6^9, 4^4, 3^2\})$	16291528704
12	$\mathcal{O}(3; \{6^{10}, 4^2, 2^4\})$	2042413056
12	$\mathcal{O}(3; \{6^{10}, 4^2, 3^3\})$	16303472640
12	$\mathcal{O}(3; \{6^{10}, 4^4, 2\})$	8169652224
12	$\mathcal{O}(3; \{6^{11}, 4^2, 3, 2\})$	8157708288
12	$\mathcal{O}(3; \{12, 4, 3, 2^{19}\})$	11943936
12	$\mathcal{O}(3; \{12, 4, 3^4, 2^{15}\})$	59719680
12	$\mathcal{O}(3; \{12, 4, 3^7, 2^{11}\})$	513589248
12	$\mathcal{O}(3; \{12, 4, 3^{10}, 2^7\})$	4072882176
12	$\mathcal{O}(3; \{12, 4, 3^{13}, 2^3\})$	32618889216
12	$\mathcal{O}(3; \{12, 4^3, 3, 2^{16}\})$	47775744
12	$\mathcal{O}(3; \{12, 4^3, 3^4, 2^{12}\})$	238878720
12	$\mathcal{O}(3; \{12, 4^3, 3^7, 2^8\})$	2054356992
12	$\mathcal{O}(3; \{12, 4^3, 3^{10}, 2^4\})$	16291528704
12	$\mathcal{O}(3; \{12, 4^3, 3^{13}\})$	130475556864
12	$\mathcal{O}(3; \{12, 4^5, 3, 2^{13}\})$	191102976
12	$\mathcal{O}(3; \{12, 4^5, 3^4, 2^9\})$	955514880
12	$\mathcal{O}(3; \{12, 4^5, 3^7, 2^5\})$	8217427968
12	$\mathcal{O}(3; \{12, 4^5, 3^{10}, 2\})$	65166114816
12	$\mathcal{O}(3; \{12, 4^7, 3, 2^{10}\})$	764411904
12	$\mathcal{O}(3; \{12, 4^7, 3^4, 2^6\})$	3822059520
12	$\mathcal{O}(3; \{12, 4^7, 3^7, 2^2\})$	32869711872
12	$\mathcal{O}(3; \{12, 4^9, 3, 2^7\})$	3057647616
12	$\mathcal{O}(3; \{12, 4^9, 3^4, 2^3\})$	15288238080
12	$\mathcal{O}(3; \{12, 4^{11}, 3, 2^4\})$	12230590464
12	$\mathcal{O}(3; \{12, 4^{11}, 3^4\})$	61152952320
12	$\mathcal{O}(3; \{12, 4^{13}, 3, 2\})$	48922361856
12	$\mathcal{O}(3; \{12, 6, 4, 3^2, 2^{16}\})$	35831808
12	$\mathcal{O}(3; \{12, 6, 4, 3^5, 2^{12}\})$	250822656
12	$\mathcal{O}(3; \{12, 6, 4, 3^8, 2^8\})$	2042413056
12	$\mathcal{O}(3; \{12, 6, 4, 3^{11}, 2^4\})$	16303472640

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12, 6, 4, 3^{14}\})$	130463612928
12	$\mathcal{O}(3; \{12, 6, 4^3, 3^2, 2^{13}\})$	143327232
12	$\mathcal{O}(3; \{12, 6, 4^3, 3^5, 2^9\})$	1003290624
12	$\mathcal{O}(3; \{12, 6, 4^3, 3^8, 2^5\})$	8169652224
12	$\mathcal{O}(3; \{12, 6, 4^3, 3^{11}, 2\})$	65213890560
12	$\mathcal{O}(3; \{12, 6, 4^5, 3^2, 2^{10}\})$	573308928
12	$\mathcal{O}(3; \{12, 6, 4^5, 3^5, 2^6\})$	4013162496
12	$\mathcal{O}(3; \{12, 6, 4^5, 3^8, 2^2\})$	32678608896
12	$\mathcal{O}(3; \{12, 6, 4^7, 3^2, 2^7\})$	2293235712
12	$\mathcal{O}(3; \{12, 6, 4^7, 3^5, 2^3\})$	16052649984
12	$\mathcal{O}(3; \{12, 6, 4^9, 3^2, 2^4\})$	9172942848
12	$\mathcal{O}(3; \{12, 6, 4^9, 3^5\})$	64210599936
12	$\mathcal{O}(3; \{12, 6, 4^{11}, 3^2, 2\})$	36691771392
12	$\mathcal{O}(3; \{12, 6^2, 4, 2^{17}\})$	11943936
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^3, 2^{13}\})$	131383296
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^6, 2^9\})$	1015234560
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^9, 2^5\})$	8157708288
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^{12}, 2\})$	65225834496
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 2^{14}\})$	47775744
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 3^3, 2^{10}\})$	525533184
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 3^6, 2^6\})$	4060938240
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 3^9, 2^2\})$	32630833152
12	$\mathcal{O}(3; \{12, 6^2, 4^5, 2^{11}\})$	191102976
12	$\mathcal{O}(3; \{12, 6^2, 4^5, 3^3, 2^7\})$	2102132736
12	$\mathcal{O}(3; \{12, 6^2, 4^5, 3^6, 2^3\})$	16243752960
12	$\mathcal{O}(3; \{12, 6^2, 4^7, 2^8\})$	764411904
12	$\mathcal{O}(3; \{12, 6^2, 4^7, 3^3, 2^4\})$	8408530944
12	$\mathcal{O}(3; \{12, 6^2, 4^7, 3^6\})$	64975011840
12	$\mathcal{O}(3; \{12, 6^2, 4^9, 2^5\})$	3057647616
12	$\mathcal{O}(3; \{12, 6^2, 4^9, 3^3, 2\})$	33634123776
12	$\mathcal{O}(3; \{12, 6^2, 4^{11}, 2^2\})$	12230590464
12	$\mathcal{O}(3; \{12, 6^3, 4, 3, 2^{14}\})$	59719680
12	$\mathcal{O}(3; \{12, 6^3, 4, 3^4, 2^{10}\})$	513589248
12	$\mathcal{O}(3; \{12, 6^3, 4, 3^7, 2^6\})$	4072882176
12	$\mathcal{O}(3; \{12, 6^3, 4, 3^{10}, 2^2\})$	32618889216
12	$\mathcal{O}(3; \{12, 6^3, 4^3, 3, 2^{11}\})$	238878720
12	$\mathcal{O}(3; \{12, 6^3, 4^3, 3^4, 2^7\})$	2054356992
12	$\mathcal{O}(3; \{12, 6^3, 4^3, 3^7, 2^3\})$	16291528704
12	$\mathcal{O}(3; \{12, 6^3, 4^5, 3, 2^8\})$	955514880
12	$\mathcal{O}(3; \{12, 6^3, 4^5, 3^4, 2^4\})$	8217427968
12	$\mathcal{O}(3; \{12, 6^3, 4^5, 3^7\})$	65166114816
12	$\mathcal{O}(3; \{12, 6^3, 4^7, 3, 2^5\})$	3822059520
12	$\mathcal{O}(3; \{12, 6^3, 4^7, 3^4, 2\})$	32869711872

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12, 6^3, 4^9, 3, 2^2\})$	15288238080
12	$\mathcal{O}(3; \{12, 6^4, 4, 3^2, 2^{11}\})$	250822656
12	$\mathcal{O}(3; \{12, 6^4, 4, 3^5, 2^7\})$	2042413056
12	$\mathcal{O}(3; \{12, 6^4, 4, 3^8, 2^3\})$	16303472640
12	$\mathcal{O}(3; \{12, 6^4, 4^3, 3^2, 2^8\})$	1003290624
12	$\mathcal{O}(3; \{12, 6^4, 4^3, 3^5, 2^4\})$	8169652224
12	$\mathcal{O}(3; \{12, 6^4, 4^3, 3^8\})$	65213890560
12	$\mathcal{O}(3; \{12, 6^4, 4^5, 3^2, 2^5\})$	4013162496
12	$\mathcal{O}(3; \{12, 6^4, 4^5, 3^5, 2\})$	32678608896
12	$\mathcal{O}(3; \{12, 6^4, 4^7, 3^2, 2^2\})$	16052649984
12	$\mathcal{O}(3; \{12, 6^5, 4, 2^{12}\})$	131383296
12	$\mathcal{O}(3; \{12, 6^5, 4, 3^3, 2^8\})$	1015234560
12	$\mathcal{O}(3; \{12, 6^5, 4, 3^6, 2^4\})$	8157708288
12	$\mathcal{O}(3; \{12, 6^5, 4, 3^9\})$	65225834496
12	$\mathcal{O}(3; \{12, 6^5, 4^3, 2^9\})$	525533184
12	$\mathcal{O}(3; \{12, 6^5, 4^3, 3^3, 2^5\})$	4060938240
12	$\mathcal{O}(3; \{12, 6^5, 4^3, 3^6, 2\})$	32630833152
12	$\mathcal{O}(3; \{12, 6^5, 4^5, 2^6\})$	2102132736
12	$\mathcal{O}(3; \{12, 6^5, 4^5, 3^3, 2^2\})$	16243752960
12	$\mathcal{O}(3; \{12, 6^5, 4^7, 2^3\})$	8408530944
12	$\mathcal{O}(3; \{12, 6^5, 4^9\})$	33634123776
12	$\mathcal{O}(3; \{12, 6^6, 4, 3, 2^9\})$	513589248
12	$\mathcal{O}(3; \{12, 6^6, 4, 3^4, 2^5\})$	4072882176
12	$\mathcal{O}(3; \{12, 6^6, 4, 3^7, 2\})$	32618889216
12	$\mathcal{O}(3; \{12, 6^6, 4^3, 3, 2^6\})$	2054356992
12	$\mathcal{O}(3; \{12, 6^6, 4^3, 3^4, 2^2\})$	16291528704
12	$\mathcal{O}(3; \{12, 6^6, 4^5, 3, 2^3\})$	8217427968
12	$\mathcal{O}(3; \{12, 6^6, 4^7, 3\})$	32869711872
12	$\mathcal{O}(3; \{12, 6^7, 4, 3^2, 2^6\})$	2042413056
12	$\mathcal{O}(3; \{12, 6^7, 4, 3^5, 2^2\})$	16303472640
12	$\mathcal{O}(3; \{12, 6^7, 4^3, 3^2, 2^3\})$	8169652224
12	$\mathcal{O}(3; \{12, 6^7, 4^5, 3^2\})$	32678608896
12	$\mathcal{O}(3; \{12, 6^8, 4, 2^7\})$	1015234560
12	$\mathcal{O}(3; \{12, 6^8, 4, 3^3, 2^3\})$	8157708288
12	$\mathcal{O}(3; \{12, 6^8, 4^3, 2^4\})$	4060938240
12	$\mathcal{O}(3; \{12, 6^8, 4^3, 3^3\})$	32630833152
12	$\mathcal{O}(3; \{12, 6^8, 4^5, 2\})$	16243752960
12	$\mathcal{O}(3; \{12, 6^9, 4, 3, 2^4\})$	4072882176
12	$\mathcal{O}(3; \{12, 6^9, 4, 3^4\})$	32618889216
12	$\mathcal{O}(3; \{12, 6^9, 4^3, 3, 2\})$	16291528704
12	$\mathcal{O}(3; \{12, 6^{10}, 4, 3^2, 2\})$	16303472640
12	$\mathcal{O}(3; \{12, 6^{11}, 4, 2^2\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 2^{20}\})$	11943936

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^2, 3^3, 2^{16}\})$	59719680
12	$\mathcal{O}(3; \{12^2, 3^6, 2^{12}\})$	513589248
12	$\mathcal{O}(3; \{12^2, 3^9, 2^8\})$	4072882176
12	$\mathcal{O}(3; \{12^2, 3^{12}, 2^4\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 3^{15}\})$	260915281920
12	$\mathcal{O}(3; \{12^2, 4^2, 2^{17}\})$	47775744
12	$\mathcal{O}(3; \{12^2, 4^2, 3^3, 2^{13}\})$	238878720
12	$\mathcal{O}(3; \{12^2, 4^2, 3^6, 2^9\})$	2054356992
12	$\mathcal{O}(3; \{12^2, 4^2, 3^9, 2^5\})$	16291528704
12	$\mathcal{O}(3; \{12^2, 4^2, 3^{12}, 2\})$	130475556864
12	$\mathcal{O}(3; \{12^2, 4^4, 2^{14}\})$	191102976
12	$\mathcal{O}(3; \{12^2, 4^4, 3^3, 2^{10}\})$	955514880
12	$\mathcal{O}(3; \{12^2, 4^4, 3^6, 2^6\})$	8217427968
12	$\mathcal{O}(3; \{12^2, 4^4, 3^9, 2^2\})$	65166114816
12	$\mathcal{O}(3; \{12^2, 4^6, 2^{11}\})$	764411904
12	$\mathcal{O}(3; \{12^2, 4^6, 3^3, 2^7\})$	3822059520
12	$\mathcal{O}(3; \{12^2, 4^6, 3^6, 2^3\})$	32869711872
12	$\mathcal{O}(3; \{12^2, 4^8, 2^8\})$	3057647616
12	$\mathcal{O}(3; \{12^2, 4^8, 3^3, 2^4\})$	15288238080
12	$\mathcal{O}(3; \{12^2, 4^8, 3^6\})$	131478847488
12	$\mathcal{O}(3; \{12^2, 4^{10}, 2^5\})$	12230590464
12	$\mathcal{O}(3; \{12^2, 4^{10}, 3^3, 2\})$	61152952320
12	$\mathcal{O}(3; \{12^2, 4^{12}, 2^2\})$	48922361856
12	$\mathcal{O}(3; \{12^2, 6, 3, 2^{17}\})$	35831808
12	$\mathcal{O}(3; \{12^2, 6, 3^4, 2^{13}\})$	250822656
12	$\mathcal{O}(3; \{12^2, 6, 3^7, 2^9\})$	2042413056
12	$\mathcal{O}(3; \{12^2, 6, 3^{10}, 2^5\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 6, 3^{13}, 2\})$	130463612928
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3, 2^{14}\})$	143327232
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3^4, 2^{10}\})$	1003290624
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3^7, 2^6\})$	8169652224
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3^{10}, 2^2\})$	65213890560
12	$\mathcal{O}(3; \{12^2, 6, 4^4, 3, 2^{11}\})$	573308928
12	$\mathcal{O}(3; \{12^2, 6, 4^4, 3^4, 2^7\})$	4013162496
12	$\mathcal{O}(3; \{12^2, 6, 4^4, 3^7, 2^3\})$	32678608896
12	$\mathcal{O}(3; \{12^2, 6, 4^6, 3, 2^8\})$	2293235712
12	$\mathcal{O}(3; \{12^2, 6, 4^6, 3^4, 2^4\})$	16052649984
12	$\mathcal{O}(3; \{12^2, 6, 4^6, 3^7\})$	130714435584
12	$\mathcal{O}(3; \{12^2, 6, 4^8, 3, 2^5\})$	9172942848
12	$\mathcal{O}(3; \{12^2, 6, 4^8, 3^4, 2\})$	64210599936
12	$\mathcal{O}(3; \{12^2, 6, 4^{10}, 3, 2^2\})$	36691771392
12	$\mathcal{O}(3; \{12^2, 6^2, 3^2, 2^{14}\})$	131383296
12	$\mathcal{O}(3; \{12^2, 6^2, 3^5, 2^{10}\})$	1015234560

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^2, 6^2, 3^8, 2^6\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 6^2, 3^{11}, 2^2\})$	65225834496
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 3^2, 2^{11}\})$	525533184
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 3^5, 2^7\})$	4060938240
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 3^8, 2^3\})$	32630833152
12	$\mathcal{O}(3; \{12^2, 6^2, 4^4, 3^2, 2^8\})$	2102132736
12	$\mathcal{O}(3; \{12^2, 6^2, 4^4, 3^5, 2^4\})$	16243752960
12	$\mathcal{O}(3; \{12^2, 6^2, 4^4, 3^8\})$	130523332608
12	$\mathcal{O}(3; \{12^2, 6^2, 4^6, 3^2, 2^5\})$	8408530944
12	$\mathcal{O}(3; \{12^2, 6^2, 4^6, 3^5, 2\})$	64975011840
12	$\mathcal{O}(3; \{12^2, 6^2, 4^8, 3^2, 2^2\})$	33634123776
12	$\mathcal{O}(3; \{12^2, 6^3, 2^{15}\})$	59719680
12	$\mathcal{O}(3; \{12^2, 6^3, 3^3, 2^{11}\})$	513589248
12	$\mathcal{O}(3; \{12^2, 6^3, 3^6, 2^7\})$	4072882176
12	$\mathcal{O}(3; \{12^2, 6^3, 3^9, 2^3\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 6^3, 4^2, 2^{12}\})$	238878720
12	$\mathcal{O}(3; \{12^2, 6^3, 4^2, 3^3, 2^8\})$	2054356992
12	$\mathcal{O}(3; \{12^2, 6^3, 4^2, 3^6, 2^4\})$	16291528704
12	$\mathcal{O}(3; \{12^2, 6^3, 4^2, 3^9\})$	130475556864
12	$\mathcal{O}(3; \{12^2, 6^3, 4^4, 2^9\})$	955514880
12	$\mathcal{O}(3; \{12^2, 6^3, 4^4, 3^3, 2^5\})$	8217427968
12	$\mathcal{O}(3; \{12^2, 6^3, 4^4, 3^6, 2\})$	65166114816
12	$\mathcal{O}(3; \{12^2, 6^3, 4^6, 2^6\})$	3822059520
12	$\mathcal{O}(3; \{12^2, 6^3, 4^6, 3^3, 2^2\})$	32869711872
12	$\mathcal{O}(3; \{12^2, 6^3, 4^8, 2^3\})$	15288238080
12	$\mathcal{O}(3; \{12^2, 6^3, 4^{10}\})$	61152952320
12	$\mathcal{O}(3; \{12^2, 6^4, 3, 2^{12}\})$	250822656
12	$\mathcal{O}(3; \{12^2, 6^4, 3^4, 2^8\})$	2042413056
12	$\mathcal{O}(3; \{12^2, 6^4, 3^7, 2^4\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 6^4, 3^{10}\})$	130463612928
12	$\mathcal{O}(3; \{12^2, 6^4, 4^2, 3, 2^9\})$	1003290624
12	$\mathcal{O}(3; \{12^2, 6^4, 4^2, 3^4, 2^5\})$	8169652224
12	$\mathcal{O}(3; \{12^2, 6^4, 4^2, 3^7, 2\})$	65213890560
12	$\mathcal{O}(3; \{12^2, 6^4, 4^4, 3, 2^6\})$	4013162496
12	$\mathcal{O}(3; \{12^2, 6^4, 4^4, 3^4, 2^2\})$	32678608896
12	$\mathcal{O}(3; \{12^2, 6^4, 4^6, 3, 2^3\})$	16052649984
12	$\mathcal{O}(3; \{12^2, 6^4, 4^8, 3\})$	64210599936
12	$\mathcal{O}(3; \{12^2, 6^5, 3^2, 2^9\})$	1015234560
12	$\mathcal{O}(3; \{12^2, 6^5, 3^5, 2^5\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 6^5, 3^8, 2\})$	65225834496
12	$\mathcal{O}(3; \{12^2, 6^5, 4^2, 3^2, 2^6\})$	4060938240
12	$\mathcal{O}(3; \{12^2, 6^5, 4^2, 3^5, 2^2\})$	32630833152
12	$\mathcal{O}(3; \{12^2, 6^5, 4^4, 3^2, 2^3\})$	16243752960

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^2, 6^5, 4^6, 3^2\})$	64975011840
12	$\mathcal{O}(3; \{12^2, 6^6, 2^{10}\})$	513589248
12	$\mathcal{O}(3; \{12^2, 6^6, 3^3, 2^6\})$	4072882176
12	$\mathcal{O}(3; \{12^2, 6^6, 3^6, 2^2\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 6^6, 4^2, 2^7\})$	2054356992
12	$\mathcal{O}(3; \{12^2, 6^6, 4^2, 3^3, 2^3\})$	16291528704
12	$\mathcal{O}(3; \{12^2, 6^6, 4^4, 2^4\})$	8217427968
12	$\mathcal{O}(3; \{12^2, 6^6, 4^4, 3^3\})$	65166114816
12	$\mathcal{O}(3; \{12^2, 6^6, 4^6, 2\})$	32869711872
12	$\mathcal{O}(3; \{12^2, 6^7, 3, 2^7\})$	2042413056
12	$\mathcal{O}(3; \{12^2, 6^7, 3^4, 2^3\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 6^7, 4^2, 3, 2^4\})$	8169652224
12	$\mathcal{O}(3; \{12^2, 6^7, 4^2, 3^4\})$	65213890560
12	$\mathcal{O}(3; \{12^2, 6^7, 4^4, 3, 2\})$	32678608896
12	$\mathcal{O}(3; \{12^2, 6^8, 3^2, 2^4\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 6^8, 3^5\})$	65225834496
12	$\mathcal{O}(3; \{12^2, 6^8, 4^2, 3^2, 2\})$	32630833152
12	$\mathcal{O}(3; \{12^2, 6^9, 2^5\})$	4072882176
12	$\mathcal{O}(3; \{12^2, 6^9, 3^3, 2\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 6^9, 4^2, 2^2\})$	16291528704
12	$\mathcal{O}(3; \{12^2, 6^{10}, 3, 2^2\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 6^{12}\})$	32618889216
12	$\mathcal{O}(3; \{12^3, 4, 3^2, 2^{14}\})$	238878720
12	$\mathcal{O}(3; \{12^3, 4, 3^5, 2^{10}\})$	2054356992
12	$\mathcal{O}(3; \{12^3, 4, 3^8, 2^6\})$	16291528704
12	$\mathcal{O}(3; \{12^3, 4, 3^{11}, 2^2\})$	130475556864
12	$\mathcal{O}(3; \{12^3, 4^3, 3^2, 2^{11}\})$	955514880
12	$\mathcal{O}(3; \{12^3, 4^3, 3^5, 2^7\})$	8217427968
12	$\mathcal{O}(3; \{12^3, 4^3, 3^8, 2^3\})$	65166114816
12	$\mathcal{O}(3; \{12^3, 4^5, 3^2, 2^8\})$	3822059520
12	$\mathcal{O}(3; \{12^3, 4^5, 3^5, 2^4\})$	32869711872
12	$\mathcal{O}(3; \{12^3, 4^5, 3^8\})$	260664459264
12	$\mathcal{O}(3; \{12^3, 4^7, 3^2, 2^5\})$	15288238080
12	$\mathcal{O}(3; \{12^3, 4^7, 3^5, 2\})$	131478847488
12	$\mathcal{O}(3; \{12^3, 4^9, 3^2, 2^2\})$	61152952320
12	$\mathcal{O}(3; \{12^3, 6, 4, 2^{15}\})$	143327232
12	$\mathcal{O}(3; \{12^3, 6, 4, 3^3, 2^{11}\})$	1003290624
12	$\mathcal{O}(3; \{12^3, 6, 4, 3^6, 2^7\})$	8169652224
12	$\mathcal{O}(3; \{12^3, 6, 4, 3^9, 2^3\})$	65213890560
12	$\mathcal{O}(3; \{12^3, 6, 4^3, 2^{12}\})$	573308928
12	$\mathcal{O}(3; \{12^3, 6, 4^3, 3^3, 2^8\})$	4013162496
12	$\mathcal{O}(3; \{12^3, 6, 4^3, 3^6, 2^4\})$	32678608896
12	$\mathcal{O}(3; \{12^3, 6, 4^3, 3^9\})$	260855562240

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^3, 6, 4^5, 2^9\})$	2293235712
12	$\mathcal{O}(3; \{12^3, 6, 4^5, 3^3, 2^5\})$	16052649984
12	$\mathcal{O}(3; \{12^3, 6, 4^5, 3^6, 2\})$	130714435584
12	$\mathcal{O}(3; \{12^3, 6, 4^7, 2^6\})$	9172942848
12	$\mathcal{O}(3; \{12^3, 6, 4^7, 3^3, 2^2\})$	64210599936
12	$\mathcal{O}(3; \{12^3, 6, 4^9, 2^3\})$	36691771392
12	$\mathcal{O}(3; \{12^3, 6, 4^{11}\})$	146767085568
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 3, 2^{12}\})$	525533184
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 3^4, 2^8\})$	4060938240
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 3^7, 2^4\})$	32630833152
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 3^{10}\})$	260903337984
12	$\mathcal{O}(3; \{12^3, 6^2, 4^3, 3, 2^9\})$	2102132736
12	$\mathcal{O}(3; \{12^3, 6^2, 4^3, 3^4, 2^5\})$	16243752960
12	$\mathcal{O}(3; \{12^3, 6^2, 4^3, 3^7, 2\})$	130523332608
12	$\mathcal{O}(3; \{12^3, 6^2, 4^5, 3, 2^6\})$	8408530944
12	$\mathcal{O}(3; \{12^3, 6^2, 4^5, 3^4, 2^2\})$	64975011840
12	$\mathcal{O}(3; \{12^3, 6^2, 4^7, 3, 2^3\})$	33634123776
12	$\mathcal{O}(3; \{12^3, 6^2, 4^9, 3\})$	134536495104
12	$\mathcal{O}(3; \{12^3, 6^3, 4, 3^2, 2^9\})$	2054356992
12	$\mathcal{O}(3; \{12^3, 6^3, 4, 3^5, 2^5\})$	16291528704
12	$\mathcal{O}(3; \{12^3, 6^3, 4, 3^8, 2\})$	130475556864
12	$\mathcal{O}(3; \{12^3, 6^3, 4^3, 3^2, 2^6\})$	8217427968
12	$\mathcal{O}(3; \{12^3, 6^3, 4^3, 3^5, 2^2\})$	65166114816
12	$\mathcal{O}(3; \{12^3, 6^3, 4^5, 3^2, 2^3\})$	32869711872
12	$\mathcal{O}(3; \{12^3, 6^3, 4^7, 3^2\})$	131478847488
12	$\mathcal{O}(3; \{12^3, 6^4, 4, 2^{10}\})$	1003290624
12	$\mathcal{O}(3; \{12^3, 6^4, 4, 3^3, 2^6\})$	8169652224
12	$\mathcal{O}(3; \{12^3, 6^4, 4, 3^6, 2^2\})$	65213890560
12	$\mathcal{O}(3; \{12^3, 6^4, 4^3, 2^7\})$	4013162496
12	$\mathcal{O}(3; \{12^3, 6^4, 4^3, 3^3, 2^3\})$	32678608896
12	$\mathcal{O}(3; \{12^3, 6^4, 4^5, 2^4\})$	16052649984
12	$\mathcal{O}(3; \{12^3, 6^4, 4^5, 3^3\})$	130714435584
12	$\mathcal{O}(3; \{12^3, 6^4, 4^7, 2\})$	64210599936
12	$\mathcal{O}(3; \{12^3, 6^5, 4, 3, 2^7\})$	4060938240
12	$\mathcal{O}(3; \{12^3, 6^5, 4, 3^4, 2^3\})$	32630833152
12	$\mathcal{O}(3; \{12^3, 6^5, 4^3, 3, 2^4\})$	16243752960
12	$\mathcal{O}(3; \{12^3, 6^5, 4^3, 3^4\})$	130523332608
12	$\mathcal{O}(3; \{12^3, 6^5, 4^5, 3, 2\})$	64975011840
12	$\mathcal{O}(3; \{12^3, 6^6, 4, 3^2, 2^4\})$	16291528704
12	$\mathcal{O}(3; \{12^3, 6^6, 4, 3^5\})$	130475556864
12	$\mathcal{O}(3; \{12^3, 6^6, 4^3, 3^2, 2\})$	65166114816
12	$\mathcal{O}(3; \{12^3, 6^7, 4, 2^5\})$	8169652224
12	$\mathcal{O}(3; \{12^3, 6^7, 4, 3^3, 2\})$	65213890560

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^3, 6^7, 4^3, 2^2\})$	32678608896
12	$\mathcal{O}(3; \{12^3, 6^8, 4, 3, 2^2\})$	32630833152
12	$\mathcal{O}(3; \{12^3, 6^{10}, 4\})$	65213890560
12	$\mathcal{O}(3; \{12^4, 3, 2^{15}\})$	238878720
12	$\mathcal{O}(3; \{12^4, 3^4, 2^{11}\})$	2054356992
12	$\mathcal{O}(3; \{12^4, 3^7, 2^7\})$	16291528704
12	$\mathcal{O}(3; \{12^4, 3^{10}, 2^3\})$	130475556864
12	$\mathcal{O}(3; \{12^4, 4^2, 3, 2^{12}\})$	955514880
12	$\mathcal{O}(3; \{12^4, 4^2, 3^4, 2^8\})$	8217427968
12	$\mathcal{O}(3; \{12^4, 4^2, 3^7, 2^4\})$	65166114816
12	$\mathcal{O}(3; \{12^4, 4^2, 3^{10}\})$	521902227456
12	$\mathcal{O}(3; \{12^4, 4^4, 3, 2^9\})$	3822059520
12	$\mathcal{O}(3; \{12^4, 4^4, 3^4, 2^5\})$	32869711872
12	$\mathcal{O}(3; \{12^4, 4^4, 3^7, 2\})$	260664459264
12	$\mathcal{O}(3; \{12^4, 4^6, 3, 2^6\})$	15288238080
12	$\mathcal{O}(3; \{12^4, 4^6, 3^4, 2^2\})$	131478847488
12	$\mathcal{O}(3; \{12^4, 4^8, 3, 2^3\})$	61152952320
12	$\mathcal{O}(3; \{12^4, 4^{10}, 3\})$	244611809280
12	$\mathcal{O}(3; \{12^4, 6, 3^2, 2^{12}\})$	1003290624
12	$\mathcal{O}(3; \{12^4, 6, 3^5, 2^8\})$	8169652224
12	$\mathcal{O}(3; \{12^4, 6, 3^8, 2^4\})$	65213890560
12	$\mathcal{O}(3; \{12^4, 6, 3^{11}\})$	521854451712
12	$\mathcal{O}(3; \{12^4, 6, 4^2, 3^2, 2^9\})$	4013162496
12	$\mathcal{O}(3; \{12^4, 6, 4^2, 3^5, 2^5\})$	32678608896
12	$\mathcal{O}(3; \{12^4, 6, 4^2, 3^8, 2\})$	260855562240
12	$\mathcal{O}(3; \{12^4, 6, 4^4, 3^2, 2^6\})$	16052649984
12	$\mathcal{O}(3; \{12^4, 6, 4^4, 3^5, 2^2\})$	130714435584
12	$\mathcal{O}(3; \{12^4, 6, 4^6, 3^2, 2^3\})$	64210599936
12	$\mathcal{O}(3; \{12^4, 6, 4^8, 3^2\})$	256842399744
12	$\mathcal{O}(3; \{12^4, 6^2, 2^{13}\})$	525533184
12	$\mathcal{O}(3; \{12^4, 6^2, 3^3, 2^9\})$	4060938240
12	$\mathcal{O}(3; \{12^4, 6^2, 3^6, 2^5\})$	32630833152
12	$\mathcal{O}(3; \{12^4, 6^2, 3^9, 2\})$	260903337984
12	$\mathcal{O}(3; \{12^4, 6^2, 4^2, 2^{10}\})$	2102132736
12	$\mathcal{O}(3; \{12^4, 6^2, 4^2, 3^3, 2^6\})$	16243752960
12	$\mathcal{O}(3; \{12^4, 6^2, 4^2, 3^6, 2^2\})$	130523332608
12	$\mathcal{O}(3; \{12^4, 6^2, 4^4, 2^7\})$	8408530944
12	$\mathcal{O}(3; \{12^4, 6^2, 4^4, 3^3, 2^3\})$	64975011840
12	$\mathcal{O}(3; \{12^4, 6^2, 4^6, 2^4\})$	33634123776
12	$\mathcal{O}(3; \{12^4, 6^2, 4^6, 3^3\})$	259900047360
12	$\mathcal{O}(3; \{12^4, 6^2, 4^8, 2\})$	134536495104
12	$\mathcal{O}(3; \{12^4, 6^3, 3, 2^{10}\})$	2054356992
12	$\mathcal{O}(3; \{12^4, 6^3, 3^4, 2^6\})$	16291528704

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^4, 6^3, 3^7, 2^2\})$	130475556864
12	$\mathcal{O}(3; \{12^4, 6^3, 4^2, 3, 2^7\})$	8217427968
12	$\mathcal{O}(3; \{12^4, 6^3, 4^2, 3^4, 2^3\})$	65166114816
12	$\mathcal{O}(3; \{12^4, 6^3, 4^4, 3, 2^4\})$	32869711872
12	$\mathcal{O}(3; \{12^4, 6^3, 4^4, 3^4\})$	260664459264
12	$\mathcal{O}(3; \{12^4, 6^3, 4^6, 3, 2\})$	131478847488
12	$\mathcal{O}(3; \{12^4, 6^4, 3^2, 2^7\})$	8169652224
12	$\mathcal{O}(3; \{12^4, 6^4, 3^5, 2^3\})$	65213890560
12	$\mathcal{O}(3; \{12^4, 6^4, 4^2, 3^2, 2^4\})$	32678608896
12	$\mathcal{O}(3; \{12^4, 6^4, 4^2, 3^5\})$	260855562240
12	$\mathcal{O}(3; \{12^4, 6^4, 4^4, 3^2, 2\})$	130714435584
12	$\mathcal{O}(3; \{12^4, 6^5, 2^8\})$	4060938240
12	$\mathcal{O}(3; \{12^4, 6^5, 3^3, 2^4\})$	32630833152
12	$\mathcal{O}(3; \{12^4, 6^5, 3^6\})$	260903337984
12	$\mathcal{O}(3; \{12^4, 6^5, 4^2, 2^5\})$	16243752960
12	$\mathcal{O}(3; \{12^4, 6^5, 4^2, 3^3, 2\})$	130523332608
12	$\mathcal{O}(3; \{12^4, 6^5, 4^4, 2^2\})$	64975011840
12	$\mathcal{O}(3; \{12^4, 6^6, 3, 2^5\})$	16291528704
12	$\mathcal{O}(3; \{12^4, 6^6, 3^4, 2\})$	130475556864
12	$\mathcal{O}(3; \{12^4, 6^6, 4^2, 3, 2^2\})$	65166114816
12	$\mathcal{O}(3; \{12^4, 6^7, 3^2, 2^2\})$	65213890560
12	$\mathcal{O}(3; \{12^4, 6^8, 2^3\})$	32630833152
12	$\mathcal{O}(3; \{12^4, 6^8, 4^2\})$	130523332608
12	$\mathcal{O}(3; \{12^4, 6^9, 3\})$	130475556864
12	$\mathcal{O}(3; \{12^5, 4, 2^{13}\})$	955514880
12	$\mathcal{O}(3; \{12^5, 4, 3^3, 2^9\})$	8217427968
12	$\mathcal{O}(3; \{12^5, 4, 3^6, 2^5\})$	65166114816
12	$\mathcal{O}(3; \{12^5, 4, 3^9, 2\})$	521902227456
12	$\mathcal{O}(3; \{12^5, 4^3, 2^{10}\})$	3822059520
12	$\mathcal{O}(3; \{12^5, 4^3, 3^3, 2^6\})$	32869711872
12	$\mathcal{O}(3; \{12^5, 4^3, 3^6, 2^2\})$	260664459264
12	$\mathcal{O}(3; \{12^5, 4^5, 2^7\})$	15288238080
12	$\mathcal{O}(3; \{12^5, 4^5, 3^3, 2^3\})$	131478847488
12	$\mathcal{O}(3; \{12^5, 4^7, 2^4\})$	61152952320
12	$\mathcal{O}(3; \{12^5, 4^7, 3^3\})$	525915389952
12	$\mathcal{O}(3; \{12^5, 4^9, 2\})$	244611809280
12	$\mathcal{O}(3; \{12^5, 6, 4, 3, 2^{10}\})$	4013162496
12	$\mathcal{O}(3; \{12^5, 6, 4, 3^4, 2^6\})$	32678608896
12	$\mathcal{O}(3; \{12^5, 6, 4, 3^7, 2^2\})$	260855562240
12	$\mathcal{O}(3; \{12^5, 6, 4^3, 3, 2^7\})$	16052649984
12	$\mathcal{O}(3; \{12^5, 6, 4^3, 3^4, 2^3\})$	130714435584
12	$\mathcal{O}(3; \{12^5, 6, 4^5, 3, 2^4\})$	64210599936
12	$\mathcal{O}(3; \{12^5, 6, 4^5, 3^4\})$	522857742336

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^5, 6, 4^7, 3, 2\})$	256842399744
12	$\mathcal{O}(3; \{12^5, 6^2, 4, 3^2, 2^7\})$	16243752960
12	$\mathcal{O}(3; \{12^5, 6^2, 4, 3^5, 2^3\})$	130523332608
12	$\mathcal{O}(3; \{12^5, 6^2, 4^3, 3^2, 2^4\})$	64975011840
12	$\mathcal{O}(3; \{12^5, 6^2, 4^3, 3^5\})$	522093330432
12	$\mathcal{O}(3; \{12^5, 6^2, 4^5, 3^2, 2\})$	259900047360
12	$\mathcal{O}(3; \{12^5, 6^3, 4, 2^8\})$	8217427968
12	$\mathcal{O}(3; \{12^5, 6^3, 4, 3^3, 2^4\})$	65166114816
12	$\mathcal{O}(3; \{12^5, 6^3, 4, 3^6\})$	521902227456
12	$\mathcal{O}(3; \{12^5, 6^3, 4^3, 2^5\})$	32869711872
12	$\mathcal{O}(3; \{12^5, 6^3, 4^3, 3^3, 2\})$	260664459264
12	$\mathcal{O}(3; \{12^5, 6^3, 4^5, 2^2\})$	131478847488
12	$\mathcal{O}(3; \{12^5, 6^4, 4, 3, 2^5\})$	32678608896
12	$\mathcal{O}(3; \{12^5, 6^4, 4, 3^4, 2\})$	260855562240
12	$\mathcal{O}(3; \{12^5, 6^4, 4^3, 3, 2^2\})$	130714435584
12	$\mathcal{O}(3; \{12^5, 6^5, 4, 3^2, 2^2\})$	130523332608
12	$\mathcal{O}(3; \{12^5, 6^6, 4, 2^3\})$	65166114816
12	$\mathcal{O}(3; \{12^5, 6^6, 4^3\})$	260664459264
12	$\mathcal{O}(3; \{12^5, 6^7, 4, 3\})$	260855562240
12	$\mathcal{O}(3; \{12^6, 3^2, 2^{10}\})$	8217427968
12	$\mathcal{O}(3; \{12^6, 3^5, 2^6\})$	65166114816
12	$\mathcal{O}(3; \{12^6, 3^8, 2^2\})$	521902227456
12	$\mathcal{O}(3; \{12^6, 4^2, 3^2, 2^7\})$	32869711872
12	$\mathcal{O}(3; \{12^6, 4^2, 3^5, 2^3\})$	260664459264
12	$\mathcal{O}(3; \{12^6, 4^4, 3^2, 2^4\})$	131478847488
12	$\mathcal{O}(3; \{12^6, 4^4, 3^5\})$	1042657837056
12	$\mathcal{O}(3; \{12^6, 4^6, 3^2, 2\})$	525915389952
12	$\mathcal{O}(3; \{12^6, 6, 2^{11}\})$	4013162496
12	$\mathcal{O}(3; \{12^6, 6, 3^3, 2^7\})$	32678608896
12	$\mathcal{O}(3; \{12^6, 6, 3^6, 2^3\})$	260855562240
12	$\mathcal{O}(3; \{12^6, 6, 4^2, 2^8\})$	16052649984
12	$\mathcal{O}(3; \{12^6, 6, 4^2, 3^3, 2^4\})$	130714435584
12	$\mathcal{O}(3; \{12^6, 6, 4^2, 3^6\})$	1043422248960
12	$\mathcal{O}(3; \{12^6, 6, 4^4, 2^5\})$	64210599936
12	$\mathcal{O}(3; \{12^6, 6, 4^4, 3^3, 2\})$	522857742336
12	$\mathcal{O}(3; \{12^6, 6, 4^6, 2^2\})$	256842399744
12	$\mathcal{O}(3; \{12^6, 6^2, 3, 2^8\})$	16243752960
12	$\mathcal{O}(3; \{12^6, 6^2, 3^4, 2^4\})$	130523332608
12	$\mathcal{O}(3; \{12^6, 6^2, 3^7\})$	1043613351936
12	$\mathcal{O}(3; \{12^6, 6^2, 4^2, 3, 2^5\})$	64975011840
12	$\mathcal{O}(3; \{12^6, 6^2, 4^2, 3^4, 2\})$	522093330432
12	$\mathcal{O}(3; \{12^6, 6^2, 4^4, 3, 2^2\})$	259900047360
12	$\mathcal{O}(3; \{12^6, 6^3, 3^2, 2^5\})$	65166114816

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^6, 6^3, 3^5, 2\})$	521902227456
12	$\mathcal{O}(3; \{12^6, 6^3, 4^2, 3^2, 2^2\})$	260664459264
12	$\mathcal{O}(3; \{12^6, 6^4, 2^6\})$	32678608896
12	$\mathcal{O}(3; \{12^6, 6^4, 3^3, 2^2\})$	260855562240
12	$\mathcal{O}(3; \{12^6, 6^4, 4^2, 2^3\})$	130714435584
12	$\mathcal{O}(3; \{12^6, 6^4, 4^4\})$	522857742336
12	$\mathcal{O}(3; \{12^6, 6^5, 3, 2^3\})$	130523332608
12	$\mathcal{O}(3; \{12^6, 6^5, 4^2, 3\})$	522093330432
12	$\mathcal{O}(3; \{12^6, 6^6, 3^2\})$	521902227456
12	$\mathcal{O}(3; \{12^6, 6^7, 2\})$	260855562240
12	$\mathcal{O}(3; \{12^7, 4, 3, 2^8\})$	32869711872
12	$\mathcal{O}(3; \{12^7, 4, 3^4, 2^4\})$	260664459264
12	$\mathcal{O}(3; \{12^7, 4, 3^7\})$	2087608909824
12	$\mathcal{O}(3; \{12^7, 4^3, 3, 2^5\})$	131478847488
12	$\mathcal{O}(3; \{12^7, 4^3, 3^4, 2\})$	1042657837056
12	$\mathcal{O}(3; \{12^7, 4^5, 3, 2^2\})$	525915389952
12	$\mathcal{O}(3; \{12^7, 6, 4, 3^2, 2^5\})$	130714435584
12	$\mathcal{O}(3; \{12^7, 6, 4, 3^5, 2\})$	1043422248960
12	$\mathcal{O}(3; \{12^7, 6, 4^3, 3^2, 2^2\})$	522857742336
12	$\mathcal{O}(3; \{12^7, 6^2, 4, 2^6\})$	64975011840
12	$\mathcal{O}(3; \{12^7, 6^2, 4, 3^3, 2^2\})$	522093330432
12	$\mathcal{O}(3; \{12^7, 6^2, 4^3, 2^3\})$	259900047360
12	$\mathcal{O}(3; \{12^7, 6^2, 4^5\})$	1039600189440
12	$\mathcal{O}(3; \{12^7, 6^3, 4, 3, 2^3\})$	260664459264
12	$\mathcal{O}(3; \{12^7, 6^3, 4^3, 3\})$	1042657837056
12	$\mathcal{O}(3; \{12^7, 6^4, 4, 3^2\})$	1043422248960
12	$\mathcal{O}(3; \{12^7, 6^5, 4, 2\})$	522093330432
12	$\mathcal{O}(3; \{12^8, 2^9\})$	32869711872
12	$\mathcal{O}(3; \{12^8, 3^3, 2^5\})$	260664459264
12	$\mathcal{O}(3; \{12^8, 3^6, 2\})$	2087608909824
12	$\mathcal{O}(3; \{12^8, 4^2, 2^6\})$	131478847488
12	$\mathcal{O}(3; \{12^8, 4^2, 3^3, 2^2\})$	1042657837056
12	$\mathcal{O}(3; \{12^8, 4^4, 2^3\})$	525915389952
12	$\mathcal{O}(3; \{12^8, 4^6\})$	2103661559808
12	$\mathcal{O}(3; \{12^8, 6, 3, 2^6\})$	130714435584
12	$\mathcal{O}(3; \{12^8, 6, 3^4, 2^2\})$	1043422248960
12	$\mathcal{O}(3; \{12^8, 6, 4^2, 3, 2^3\})$	522857742336
12	$\mathcal{O}(3; \{12^8, 6, 4^4, 3\})$	2091430969344
12	$\mathcal{O}(3; \{12^8, 6^2, 3^2, 2^3\})$	522093330432
12	$\mathcal{O}(3; \{12^8, 6^2, 4^2, 3^2\})$	2088373321728
12	$\mathcal{O}(3; \{12^8, 6^3, 2^4\})$	260664459264
12	$\mathcal{O}(3; \{12^8, 6^3, 3^3\})$	2087608909824
12	$\mathcal{O}(3; \{12^8, 6^3, 4^2, 2\})$	1042657837056

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^8, 6^4, 3, 2\})$	1043422248960
12	$\mathcal{O}(3; \{12^9, 4, 3^2, 2^3\})$	1042657837056
12	$\mathcal{O}(3; \{12^9, 4^3, 3^2\})$	4170631348224
12	$\mathcal{O}(3; \{12^9, 6, 4, 2^4\})$	522857742336
12	$\mathcal{O}(3; \{12^9, 6, 4, 3^3\})$	4173688995840
12	$\mathcal{O}(3; \{12^9, 6, 4^3, 2\})$	2091430969344
12	$\mathcal{O}(3; \{12^9, 6^2, 4, 3, 2\})$	2088373321728
12	$\mathcal{O}(3; \{12^{10}, 3, 2^4\})$	1042657837056
12	$\mathcal{O}(3; \{12^{10}, 3^4\})$	8350435639296
12	$\mathcal{O}(3; \{12^{10}, 4^2, 3, 2\})$	4170631348224
12	$\mathcal{O}(3; \{12^{10}, 6, 3^2, 2\})$	4173688995840
12	$\mathcal{O}(3; \{12^{10}, 6^2, 2^2\})$	2088373321728
12	$\mathcal{O}(3; \{12^{11}, 4, 2^2\})$	4170631348224
12	$\mathcal{O}(3; \{12^{12}, 6\})$	16694755983360
12	$\mathcal{O}(2; \{4^2, 3^2, 2^{22}\})$	82944
12	$\mathcal{O}(2; \{4^2, 3^5, 2^{18}\})$	414720
12	$\mathcal{O}(2; \{4^2, 3^8, 2^{14}\})$	3566592
12	$\mathcal{O}(2; \{4^2, 3^{11}, 2^{10}\})$	28283904
12	$\mathcal{O}(2; \{4^2, 3^{14}, 2^6\})$	226520064
12	$\mathcal{O}(2; \{4^2, 3^{17}, 2^2\})$	1811911680
12	$\mathcal{O}(2; \{4^4, 3^2, 2^{19}\})$	331776
12	$\mathcal{O}(2; \{4^4, 3^5, 2^{15}\})$	1658880
12	$\mathcal{O}(2; \{4^4, 3^8, 2^{11}\})$	14266368
12	$\mathcal{O}(2; \{4^4, 3^{11}, 2^7\})$	113135616
12	$\mathcal{O}(2; \{4^4, 3^{14}, 2^3\})$	906080256
12	$\mathcal{O}(2; \{4^6, 3^2, 2^{16}\})$	1327104
12	$\mathcal{O}(2; \{4^6, 3^5, 2^{12}\})$	6635520
12	$\mathcal{O}(2; \{4^6, 3^8, 2^8\})$	57065472
12	$\mathcal{O}(2; \{4^6, 3^{11}, 2^4\})$	452542464
12	$\mathcal{O}(2; \{4^6, 3^{14}\})$	3624321024
12	$\mathcal{O}(2; \{4^8, 3^2, 2^{13}\})$	5308416
12	$\mathcal{O}(2; \{4^8, 3^5, 2^9\})$	26542080
12	$\mathcal{O}(2; \{4^8, 3^8, 2^5\})$	228261888
12	$\mathcal{O}(2; \{4^8, 3^{11}, 2\})$	1810169856
12	$\mathcal{O}(2; \{4^{10}, 3^2, 2^{10}\})$	21233664
12	$\mathcal{O}(2; \{4^{10}, 3^5, 2^6\})$	106168320
12	$\mathcal{O}(2; \{4^{10}, 3^8, 2^2\})$	913047552
12	$\mathcal{O}(2; \{4^{12}, 3^2, 2^7\})$	84934656
12	$\mathcal{O}(2; \{4^{12}, 3^5, 2^3\})$	424673280
12	$\mathcal{O}(2; \{4^{14}, 3^2, 2^4\})$	339738624
12	$\mathcal{O}(2; \{4^{14}, 3^5\})$	1698693120
12	$\mathcal{O}(2; \{4^{16}, 3^2, 2\})$	1358954496
12	$\mathcal{O}(2; \{6, 4^2, 3^3, 2^{19}\})$	248832

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6, 4^2, 3^6, 2^{15}\})$	1741824
12	$\mathcal{O}(2; \{6, 4^2, 3^9, 2^{11}\})$	14183424
12	$\mathcal{O}(2; \{6, 4^2, 3^{12}, 2^7\})$	113218560
12	$\mathcal{O}(2; \{6, 4^2, 3^{15}, 2^3\})$	905997312
12	$\mathcal{O}(2; \{6, 4^4, 3^3, 2^{16}\})$	995328
12	$\mathcal{O}(2; \{6, 4^4, 3^6, 2^{12}\})$	6967296
12	$\mathcal{O}(2; \{6, 4^4, 3^9, 2^8\})$	56733696
12	$\mathcal{O}(2; \{6, 4^4, 3^{12}, 2^4\})$	452874240
12	$\mathcal{O}(2; \{6, 4^4, 3^{15}\})$	3623989248
12	$\mathcal{O}(2; \{6, 4^6, 3^3, 2^{13}\})$	3981312
12	$\mathcal{O}(2; \{6, 4^6, 3^6, 2^9\})$	27869184
12	$\mathcal{O}(2; \{6, 4^6, 3^9, 2^5\})$	226934784
12	$\mathcal{O}(2; \{6, 4^6, 3^{12}, 2\})$	1811496960
12	$\mathcal{O}(2; \{6, 4^8, 3^3, 2^{10}\})$	15925248
12	$\mathcal{O}(2; \{6, 4^8, 3^6, 2^6\})$	111476736
12	$\mathcal{O}(2; \{6, 4^8, 3^9, 2^2\})$	907739136
12	$\mathcal{O}(2; \{6, 4^{10}, 3^3, 2^7\})$	63700992
12	$\mathcal{O}(2; \{6, 4^{10}, 3^6, 2^3\})$	445906944
12	$\mathcal{O}(2; \{6, 4^{12}, 3^3, 2^4\})$	254803968
12	$\mathcal{O}(2; \{6, 4^{12}, 3^6\})$	1783627776
12	$\mathcal{O}(2; \{6, 4^{14}, 3^3, 2\})$	1019215872
12	$\mathcal{O}(2; \{6^2, 4^2, 3, 2^{20}\})$	82944
12	$\mathcal{O}(2; \{6^2, 4^2, 3^4, 2^{16}\})$	912384
12	$\mathcal{O}(2; \{6^2, 4^2, 3^7, 2^{12}\})$	7050240
12	$\mathcal{O}(2; \{6^2, 4^2, 3^{10}, 2^8\})$	56650752
12	$\mathcal{O}(2; \{6^2, 4^2, 3^{13}, 2^4\})$	452957184
12	$\mathcal{O}(2; \{6^2, 4^2, 3^{16}\})$	3623906304
12	$\mathcal{O}(2; \{6^2, 4^4, 3, 2^{17}\})$	331776
12	$\mathcal{O}(2; \{6^2, 4^4, 3^4, 2^{13}\})$	3649536
12	$\mathcal{O}(2; \{6^2, 4^4, 3^7, 2^9\})$	28200960
12	$\mathcal{O}(2; \{6^2, 4^4, 3^{10}, 2^5\})$	226603008
12	$\mathcal{O}(2; \{6^2, 4^4, 3^{13}, 2\})$	1811828736
12	$\mathcal{O}(2; \{6^2, 4^6, 3, 2^{14}\})$	1327104
12	$\mathcal{O}(2; \{6^2, 4^6, 3^4, 2^{10}\})$	14598144
12	$\mathcal{O}(2; \{6^2, 4^6, 3^7, 2^6\})$	112803840
12	$\mathcal{O}(2; \{6^2, 4^6, 3^{10}, 2^2\})$	906412032
12	$\mathcal{O}(2; \{6^2, 4^8, 3, 2^{11}\})$	5308416
12	$\mathcal{O}(2; \{6^2, 4^8, 3^4, 2^7\})$	58392576
12	$\mathcal{O}(2; \{6^2, 4^8, 3^7, 2^3\})$	451215360
12	$\mathcal{O}(2; \{6^2, 4^{10}, 3, 2^8\})$	21233664
12	$\mathcal{O}(2; \{6^2, 4^{10}, 3^4, 2^4\})$	233570304
12	$\mathcal{O}(2; \{6^2, 4^{10}, 3^7\})$	1804861440
12	$\mathcal{O}(2; \{6^2, 4^{12}, 3, 2^5\})$	84934656

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^2, 4^{12}, 3^4, 2\})$	934281216
12	$\mathcal{O}(2; \{6^2, 4^{14}, 3, 2^2\})$	339738624
12	$\mathcal{O}(2; \{6^3, 4^2, 3^2, 2^{17}\})$	414720
12	$\mathcal{O}(2; \{6^3, 4^2, 3^5, 2^{13}\})$	3566592
12	$\mathcal{O}(2; \{6^3, 4^2, 3^8, 2^9\})$	28283904
12	$\mathcal{O}(2; \{6^3, 4^2, 3^{11}, 2^5\})$	226520064
12	$\mathcal{O}(2; \{6^3, 4^2, 3^{14}, 2\})$	1811911680
12	$\mathcal{O}(2; \{6^3, 4^4, 3^2, 2^{14}\})$	1658880
12	$\mathcal{O}(2; \{6^3, 4^4, 3^5, 2^{10}\})$	14266368
12	$\mathcal{O}(2; \{6^3, 4^4, 3^8, 2^6\})$	113135616
12	$\mathcal{O}(2; \{6^3, 4^4, 3^{11}, 2^2\})$	906080256
12	$\mathcal{O}(2; \{6^3, 4^6, 3^2, 2^{11}\})$	6635520
12	$\mathcal{O}(2; \{6^3, 4^6, 3^5, 2^7\})$	57065472
12	$\mathcal{O}(2; \{6^3, 4^6, 3^8, 2^3\})$	452542464
12	$\mathcal{O}(2; \{6^3, 4^8, 3^2, 2^8\})$	26542080
12	$\mathcal{O}(2; \{6^3, 4^8, 3^5, 2^4\})$	228261888
12	$\mathcal{O}(2; \{6^3, 4^8, 3^8\})$	1810169856
12	$\mathcal{O}(2; \{6^3, 4^{10}, 3^2, 2^5\})$	106168320
12	$\mathcal{O}(2; \{6^3, 4^{10}, 3^5, 2\})$	913047552
12	$\mathcal{O}(2; \{6^3, 4^{12}, 3^2, 2^2\})$	424673280
12	$\mathcal{O}(2; \{6^4, 4^2, 2^{18}\})$	248832
12	$\mathcal{O}(2; \{6^4, 4^2, 3^3, 2^{14}\})$	1741824
12	$\mathcal{O}(2; \{6^4, 4^2, 3^6, 2^{10}\})$	14183424
12	$\mathcal{O}(2; \{6^4, 4^2, 3^9, 2^6\})$	113218560
12	$\mathcal{O}(2; \{6^4, 4^2, 3^{12}, 2^2\})$	905997312
12	$\mathcal{O}(2; \{6^4, 4^4, 2^{15}\})$	995328
12	$\mathcal{O}(2; \{6^4, 4^4, 3^3, 2^{11}\})$	6967296
12	$\mathcal{O}(2; \{6^4, 4^4, 3^6, 2^7\})$	56733696
12	$\mathcal{O}(2; \{6^4, 4^4, 3^9, 2^3\})$	452874240
12	$\mathcal{O}(2; \{6^4, 4^6, 2^{12}\})$	3981312
12	$\mathcal{O}(2; \{6^4, 4^6, 3^3, 2^8\})$	27869184
12	$\mathcal{O}(2; \{6^4, 4^6, 3^6, 2^4\})$	226934784
12	$\mathcal{O}(2; \{6^4, 4^6, 3^9\})$	1811496960
12	$\mathcal{O}(2; \{6^4, 4^8, 2^9\})$	15925248
12	$\mathcal{O}(2; \{6^4, 4^8, 3^3, 2^5\})$	111476736
12	$\mathcal{O}(2; \{6^4, 4^8, 3^6, 2\})$	907739136
12	$\mathcal{O}(2; \{6^4, 4^{10}, 2^6\})$	63700992
12	$\mathcal{O}(2; \{6^4, 4^{10}, 3^3, 2^2\})$	445906944
12	$\mathcal{O}(2; \{6^4, 4^{12}, 2^3\})$	254803968
12	$\mathcal{O}(2; \{6^4, 4^{14}\})$	1019215872
12	$\mathcal{O}(2; \{6^5, 4^2, 3, 2^{15}\})$	912384
12	$\mathcal{O}(2; \{6^5, 4^2, 3^4, 2^{11}\})$	7050240
12	$\mathcal{O}(2; \{6^5, 4^2, 3^7, 2^7\})$	56650752

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^5, 4^2, 3^{10}, 2^3\})$	452957184
12	$\mathcal{O}(2; \{6^5, 4^4, 3, 2^{12}\})$	3649536
12	$\mathcal{O}(2; \{6^5, 4^4, 3^4, 2^8\})$	28200960
12	$\mathcal{O}(2; \{6^5, 4^4, 3^7, 2^4\})$	226603008
12	$\mathcal{O}(2; \{6^5, 4^4, 3^{10}\})$	1811828736
12	$\mathcal{O}(2; \{6^5, 4^6, 3, 2^9\})$	14598144
12	$\mathcal{O}(2; \{6^5, 4^6, 3^4, 2^5\})$	112803840
12	$\mathcal{O}(2; \{6^5, 4^6, 3^7, 2\})$	906412032
12	$\mathcal{O}(2; \{6^5, 4^8, 3, 2^6\})$	58392576
12	$\mathcal{O}(2; \{6^5, 4^8, 3^4, 2^2\})$	451215360
12	$\mathcal{O}(2; \{6^5, 4^{10}, 3, 2^3\})$	233570304
12	$\mathcal{O}(2; \{6^5, 4^{12}, 3\})$	934281216
12	$\mathcal{O}(2; \{6^6, 4^2, 3^2, 2^{12}\})$	3566592
12	$\mathcal{O}(2; \{6^6, 4^2, 3^5, 2^8\})$	28283904
12	$\mathcal{O}(2; \{6^6, 4^2, 3^8, 2^4\})$	226520064
12	$\mathcal{O}(2; \{6^6, 4^2, 3^{11}\})$	1811911680
12	$\mathcal{O}(2; \{6^6, 4^4, 3^2, 2^9\})$	14266368
12	$\mathcal{O}(2; \{6^6, 4^4, 3^5, 2^5\})$	113135616
12	$\mathcal{O}(2; \{6^6, 4^4, 3^8, 2\})$	906080256
12	$\mathcal{O}(2; \{6^6, 4^6, 3^2, 2^6\})$	57065472
12	$\mathcal{O}(2; \{6^6, 4^6, 3^5, 2^2\})$	452542464
12	$\mathcal{O}(2; \{6^6, 4^8, 3^2, 2^3\})$	228261888
12	$\mathcal{O}(2; \{6^6, 4^{10}, 3^2\})$	913047552
12	$\mathcal{O}(2; \{6^7, 4^2, 2^{13}\})$	1741824
12	$\mathcal{O}(2; \{6^7, 4^2, 3^3, 2^9\})$	14183424
12	$\mathcal{O}(2; \{6^7, 4^2, 3^6, 2^5\})$	113218560
12	$\mathcal{O}(2; \{6^7, 4^2, 3^9, 2\})$	905997312
12	$\mathcal{O}(2; \{6^7, 4^4, 2^{10}\})$	6967296
12	$\mathcal{O}(2; \{6^7, 4^4, 3^3, 2^6\})$	56733696
12	$\mathcal{O}(2; \{6^7, 4^4, 3^6, 2^2\})$	452874240
12	$\mathcal{O}(2; \{6^7, 4^6, 2^7\})$	27869184
12	$\mathcal{O}(2; \{6^7, 4^6, 3^3, 2^3\})$	226934784
12	$\mathcal{O}(2; \{6^7, 4^8, 2^4\})$	111476736
12	$\mathcal{O}(2; \{6^7, 4^8, 3^3\})$	907739136
12	$\mathcal{O}(2; \{6^7, 4^{10}, 2\})$	445906944
12	$\mathcal{O}(2; \{6^8, 4^2, 3, 2^{10}\})$	7050240
12	$\mathcal{O}(2; \{6^8, 4^2, 3^4, 2^6\})$	56650752
12	$\mathcal{O}(2; \{6^8, 4^2, 3^7, 2^2\})$	452957184
12	$\mathcal{O}(2; \{6^8, 4^4, 3, 2^7\})$	28200960
12	$\mathcal{O}(2; \{6^8, 4^4, 3^4, 2^3\})$	226603008
12	$\mathcal{O}(2; \{6^8, 4^6, 3, 2^4\})$	112803840
12	$\mathcal{O}(2; \{6^8, 4^6, 3^4\})$	906412032
12	$\mathcal{O}(2; \{6^8, 4^8, 3, 2\})$	451215360

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^9, 4^2, 3^2, 2^7\})$	28283904
12	$\mathcal{O}(2; \{6^9, 4^2, 3^5, 2^3\})$	226520064
12	$\mathcal{O}(2; \{6^9, 4^4, 3^2, 2^4\})$	113135616
12	$\mathcal{O}(2; \{6^9, 4^4, 3^5\})$	906080256
12	$\mathcal{O}(2; \{6^9, 4^6, 3^2, 2\})$	452542464
12	$\mathcal{O}(2; \{6^{10}, 4^2, 2^8\})$	14183424
12	$\mathcal{O}(2; \{6^{10}, 4^2, 3^3, 2^4\})$	113218560
12	$\mathcal{O}(2; \{6^{10}, 4^2, 3^6\})$	905997312
12	$\mathcal{O}(2; \{6^{10}, 4^4, 2^5\})$	56733696
12	$\mathcal{O}(2; \{6^{10}, 4^4, 3^3, 2\})$	452874240
12	$\mathcal{O}(2; \{6^{10}, 4^6, 2^2\})$	226934784
12	$\mathcal{O}(2; \{6^{11}, 4^2, 3, 2^5\})$	56650752
12	$\mathcal{O}(2; \{6^{11}, 4^2, 3^4, 2\})$	452957184
12	$\mathcal{O}(2; \{6^{11}, 4^4, 3, 2^2\})$	226603008
12	$\mathcal{O}(2; \{6^{12}, 4^2, 3^2, 2^2\})$	226520064
12	$\mathcal{O}(2; \{6^{13}, 4^2, 2^3\})$	113218560
12	$\mathcal{O}(2; \{6^{13}, 4^4\})$	452874240
12	$\mathcal{O}(2; \{6^{14}, 4^2, 3\})$	452957184
12	$\mathcal{O}(2; \{12, 4, 3, 2^{23}\})$	82944
12	$\mathcal{O}(2; \{12, 4, 3^4, 2^{19}\})$	414720
12	$\mathcal{O}(2; \{12, 4, 3^7, 2^{15}\})$	3566592
12	$\mathcal{O}(2; \{12, 4, 3^{10}, 2^{11}\})$	28283904
12	$\mathcal{O}(2; \{12, 4, 3^{13}, 2^7\})$	226520064
12	$\mathcal{O}(2; \{12, 4, 3^{16}, 2^3\})$	1811911680
12	$\mathcal{O}(2; \{12, 4^3, 3, 2^{20}\})$	331776
12	$\mathcal{O}(2; \{12, 4^3, 3^4, 2^{16}\})$	1658880
12	$\mathcal{O}(2; \{12, 4^3, 3^7, 2^{12}\})$	14266368
12	$\mathcal{O}(2; \{12, 4^3, 3^{10}, 2^8\})$	113135616
12	$\mathcal{O}(2; \{12, 4^3, 3^{13}, 2^4\})$	906080256
12	$\mathcal{O}(2; \{12, 4^3, 3^{16}\})$	7247646720
12	$\mathcal{O}(2; \{12, 4^5, 3, 2^{17}\})$	1327104
12	$\mathcal{O}(2; \{12, 4^5, 3^4, 2^{13}\})$	6635520
12	$\mathcal{O}(2; \{12, 4^5, 3^7, 2^9\})$	57065472
12	$\mathcal{O}(2; \{12, 4^5, 3^{10}, 2^5\})$	452542464
12	$\mathcal{O}(2; \{12, 4^5, 3^{13}, 2\})$	3624321024
12	$\mathcal{O}(2; \{12, 4^7, 3, 2^{14}\})$	5308416
12	$\mathcal{O}(2; \{12, 4^7, 3^4, 2^{10}\})$	26542080
12	$\mathcal{O}(2; \{12, 4^7, 3^7, 2^6\})$	228261888
12	$\mathcal{O}(2; \{12, 4^7, 3^{10}, 2^2\})$	1810169856
12	$\mathcal{O}(2; \{12, 4^9, 3, 2^{11}\})$	21233664
12	$\mathcal{O}(2; \{12, 4^9, 3^4, 2^7\})$	106168320
12	$\mathcal{O}(2; \{12, 4^9, 3^7, 2^3\})$	913047552
12	$\mathcal{O}(2; \{12, 4^{11}, 3, 2^8\})$	84934656

Continued on next page

Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 4^{11}, 3^4, 2^4\})$	424673280
12	$\mathcal{O}(2; \{12, 4^{11}, 3^7\})$	3652190208
12	$\mathcal{O}(2; \{12, 4^{13}, 3, 2^5\})$	339738624
12	$\mathcal{O}(2; \{12, 4^{13}, 3^4, 2\})$	1698693120
12	$\mathcal{O}(2; \{12, 4^{15}, 3, 2^2\})$	1358954496
12	$\mathcal{O}(2; \{12, 6, 4, 3^2, 2^{20}\})$	248832
12	$\mathcal{O}(2; \{12, 6, 4, 3^5, 2^{16}\})$	1741824
12	$\mathcal{O}(2; \{12, 6, 4, 3^8, 2^{12}\})$	14183424
12	$\mathcal{O}(2; \{12, 6, 4, 3^{11}, 2^8\})$	113218560
12	$\mathcal{O}(2; \{12, 6, 4, 3^{14}, 2^4\})$	905997312
12	$\mathcal{O}(2; \{12, 6, 4, 3^{17}\})$	7247729664
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^2, 2^{17}\})$	995328
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^5, 2^{13}\})$	6967296
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^8, 2^9\})$	56733696
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^{11}, 2^5\})$	452874240
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^{14}, 2\})$	3623989248
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^2, 2^{14}\})$	3981312
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^5, 2^{10}\})$	27869184
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^8, 2^6\})$	226934784
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^{11}, 2^2\})$	1811496960
12	$\mathcal{O}(2; \{12, 6, 4^7, 3^2, 2^{11}\})$	15925248
12	$\mathcal{O}(2; \{12, 6, 4^7, 3^5, 2^7\})$	111476736
12	$\mathcal{O}(2; \{12, 6, 4^7, 3^8, 2^3\})$	907739136
12	$\mathcal{O}(2; \{12, 6, 4^9, 3^2, 2^8\})$	63700992
12	$\mathcal{O}(2; \{12, 6, 4^9, 3^5, 2^4\})$	445906944
12	$\mathcal{O}(2; \{12, 6, 4^9, 3^8\})$	3630956544
12	$\mathcal{O}(2; \{12, 6, 4^{11}, 3^2, 2^5\})$	254803968
12	$\mathcal{O}(2; \{12, 6, 4^{11}, 3^5, 2\})$	1783627776
12	$\mathcal{O}(2; \{12, 6, 4^{13}, 3^2, 2^2\})$	1019215872
12	$\mathcal{O}(2; \{12, 6^2, 4, 2^{21}\})$	82944
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^3, 2^{17}\})$	912384
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^6, 2^{13}\})$	7050240
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^9, 2^9\})$	56650752
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^{12}, 2^5\})$	452957184
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^{15}, 2\})$	3623906304
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 2^{18}\})$	331776
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^3, 2^{14}\})$	3649536
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^6, 2^{10}\})$	28200960
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^9, 2^6\})$	226603008
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^{12}, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 2^{15}\})$	1327104
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3^3, 2^{11}\})$	14598144
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3^6, 2^7\})$	112803840

Continued on next page

Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3^9, 2^3\})$	906412032
12	$\mathcal{O}(2; \{12, 6^2, 4^7, 2^{12}\})$	5308416
12	$\mathcal{O}(2; \{12, 6^2, 4^7, 3^3, 2^8\})$	58392576
12	$\mathcal{O}(2; \{12, 6^2, 4^7, 3^6, 2^4\})$	451215360
12	$\mathcal{O}(2; \{12, 6^2, 4^7, 3^9\})$	3625648128
12	$\mathcal{O}(2; \{12, 6^2, 4^9, 2^9\})$	21233664
12	$\mathcal{O}(2; \{12, 6^2, 4^9, 3^3, 2^5\})$	233570304
12	$\mathcal{O}(2; \{12, 6^2, 4^9, 3^6, 2\})$	1804861440
12	$\mathcal{O}(2; \{12, 6^2, 4^{11}, 2^6\})$	84934656
12	$\mathcal{O}(2; \{12, 6^2, 4^{11}, 3^3, 2^2\})$	934281216
12	$\mathcal{O}(2; \{12, 6^2, 4^{13}, 2^3\})$	339738624
12	$\mathcal{O}(2; \{12, 6^2, 4^{15}\})$	1358954496
12	$\mathcal{O}(2; \{12, 6^3, 4, 3, 2^{18}\})$	414720
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^4, 2^{14}\})$	3566592
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^7, 2^{10}\})$	28283904
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^{10}, 2^6\})$	226520064
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^{13}, 2^2\})$	1811911680
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3, 2^{15}\})$	1658880
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^4, 2^{11}\})$	14266368
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^7, 2^7\})$	113135616
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^{10}, 2^3\})$	906080256
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 3, 2^{12}\})$	6635520
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 3^4, 2^8\})$	57065472
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 3^7, 2^4\})$	452542464
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 3^{10}\})$	3624321024
12	$\mathcal{O}(2; \{12, 6^3, 4^7, 3, 2^9\})$	26542080
12	$\mathcal{O}(2; \{12, 6^3, 4^7, 3^4, 2^5\})$	228261888
12	$\mathcal{O}(2; \{12, 6^3, 4^7, 3^7, 2\})$	1810169856
12	$\mathcal{O}(2; \{12, 6^3, 4^9, 3, 2^6\})$	106168320
12	$\mathcal{O}(2; \{12, 6^3, 4^9, 3^4, 2^2\})$	913047552
12	$\mathcal{O}(2; \{12, 6^3, 4^{11}, 3, 2^3\})$	424673280
12	$\mathcal{O}(2; \{12, 6^3, 4^{13}, 3\})$	1698693120
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^2, 2^{15}\})$	1741824
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^5, 2^{11}\})$	14183424
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^8, 2^7\})$	113218560
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^{11}, 2^3\})$	905997312
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3^2, 2^{12}\})$	6967296
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3^5, 2^8\})$	56733696
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3^8, 2^4\})$	452874240
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3^{11}\})$	3623989248
12	$\mathcal{O}(2; \{12, 6^4, 4^5, 3^2, 2^9\})$	27869184
12	$\mathcal{O}(2; \{12, 6^4, 4^5, 3^5, 2^5\})$	226934784
12	$\mathcal{O}(2; \{12, 6^4, 4^5, 3^8, 2\})$	1811496960

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 6^4, 4^7, 3^2, 2^6\})$	111476736
12	$\mathcal{O}(2; \{12, 6^4, 4^7, 3^5, 2^2\})$	907739136
12	$\mathcal{O}(2; \{12, 6^4, 4^9, 3^2, 2^3\})$	445906944
12	$\mathcal{O}(2; \{12, 6^4, 4^{11}, 3^2\})$	1783627776
12	$\mathcal{O}(2; \{12, 6^5, 4, 2^{16}\})$	912384
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^3, 2^{12}\})$	7050240
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^6, 2^8\})$	56650752
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^9, 2^4\})$	452957184
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^{12}\})$	3623906304
12	$\mathcal{O}(2; \{12, 6^5, 4^3, 2^{13}\})$	3649536
12	$\mathcal{O}(2; \{12, 6^5, 4^3, 3^3, 2^9\})$	28200960
12	$\mathcal{O}(2; \{12, 6^5, 4^3, 3^6, 2^5\})$	226603008
12	$\mathcal{O}(2; \{12, 6^5, 4^3, 3^9, 2\})$	1811828736
12	$\mathcal{O}(2; \{12, 6^5, 4^5, 2^{10}\})$	14598144
12	$\mathcal{O}(2; \{12, 6^5, 4^5, 3^3, 2^6\})$	112803840
12	$\mathcal{O}(2; \{12, 6^5, 4^5, 3^6, 2^2\})$	906412032
12	$\mathcal{O}(2; \{12, 6^5, 4^7, 2^7\})$	58392576
12	$\mathcal{O}(2; \{12, 6^5, 4^7, 3^3, 2^3\})$	451215360
12	$\mathcal{O}(2; \{12, 6^5, 4^9, 2^4\})$	233570304
12	$\mathcal{O}(2; \{12, 6^5, 4^9, 3^3\})$	1804861440
12	$\mathcal{O}(2; \{12, 6^5, 4^{11}, 2\})$	934281216
12	$\mathcal{O}(2; \{12, 6^6, 4, 3, 2^{13}\})$	3566592
12	$\mathcal{O}(2; \{12, 6^6, 4, 3^4, 2^9\})$	28283904
12	$\mathcal{O}(2; \{12, 6^6, 4, 3^7, 2^5\})$	226520064
12	$\mathcal{O}(2; \{12, 6^6, 4, 3^{10}, 2\})$	1811911680
12	$\mathcal{O}(2; \{12, 6^6, 4^3, 3, 2^{10}\})$	14266368
12	$\mathcal{O}(2; \{12, 6^6, 4^3, 3^4, 2^6\})$	113135616
12	$\mathcal{O}(2; \{12, 6^6, 4^3, 3^7, 2^2\})$	906080256
12	$\mathcal{O}(2; \{12, 6^6, 4^5, 3, 2^7\})$	57065472
12	$\mathcal{O}(2; \{12, 6^6, 4^5, 3^4, 2^3\})$	452542464
12	$\mathcal{O}(2; \{12, 6^6, 4^7, 3, 2^4\})$	228261888
12	$\mathcal{O}(2; \{12, 6^6, 4^7, 3^4\})$	1810169856
12	$\mathcal{O}(2; \{12, 6^6, 4^9, 3, 2\})$	913047552
12	$\mathcal{O}(2; \{12, 6^7, 4, 3^2, 2^{10}\})$	14183424
12	$\mathcal{O}(2; \{12, 6^7, 4, 3^5, 2^6\})$	113218560
12	$\mathcal{O}(2; \{12, 6^7, 4, 3^8, 2^2\})$	905997312
12	$\mathcal{O}(2; \{12, 6^7, 4^3, 3^2, 2^7\})$	56733696
12	$\mathcal{O}(2; \{12, 6^7, 4^3, 3^5, 2^3\})$	452874240
12	$\mathcal{O}(2; \{12, 6^7, 4^5, 3^2, 2^4\})$	226934784
12	$\mathcal{O}(2; \{12, 6^7, 4^5, 3^5\})$	1811496960
12	$\mathcal{O}(2; \{12, 6^7, 4^7, 3^2, 2\})$	907739136
12	$\mathcal{O}(2; \{12, 6^8, 4, 2^{11}\})$	7050240
12	$\mathcal{O}(2; \{12, 6^8, 4, 3^3, 2^7\})$	56650752

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 6^8, 4, 3^6, 2^3\})$	452957184
12	$\mathcal{O}(2; \{12, 6^8, 4^3, 2^8\})$	28200960
12	$\mathcal{O}(2; \{12, 6^8, 4^3, 3^3, 2^4\})$	226603008
12	$\mathcal{O}(2; \{12, 6^8, 4^3, 3^6\})$	1811828736
12	$\mathcal{O}(2; \{12, 6^8, 4^5, 2^5\})$	112803840
12	$\mathcal{O}(2; \{12, 6^8, 4^5, 3^3, 2\})$	906412032
12	$\mathcal{O}(2; \{12, 6^8, 4^7, 2^2\})$	451215360
12	$\mathcal{O}(2; \{12, 6^9, 4, 3, 2^8\})$	28283904
12	$\mathcal{O}(2; \{12, 6^9, 4, 3^4, 2^4\})$	226520064
12	$\mathcal{O}(2; \{12, 6^9, 4, 3^7\})$	1811911680
12	$\mathcal{O}(2; \{12, 6^9, 4^3, 3, 2^5\})$	113135616
12	$\mathcal{O}(2; \{12, 6^9, 4^3, 3^4, 2\})$	906080256
12	$\mathcal{O}(2; \{12, 6^9, 4^5, 3, 2^2\})$	452542464
12	$\mathcal{O}(2; \{12, 6^{10}, 4, 3^2, 2^5\})$	113218560
12	$\mathcal{O}(2; \{12, 6^{10}, 4, 3^5, 2\})$	905997312
12	$\mathcal{O}(2; \{12, 6^{10}, 4^3, 3^2, 2^2\})$	452874240
12	$\mathcal{O}(2; \{12, 6^{11}, 4, 2^6\})$	56650752
12	$\mathcal{O}(2; \{12, 6^{11}, 4, 3^3, 2^2\})$	452957184
12	$\mathcal{O}(2; \{12, 6^{11}, 4^3, 2^3\})$	226603008
12	$\mathcal{O}(2; \{12, 6^{11}, 4^5\})$	906412032
12	$\mathcal{O}(2; \{12, 6^{12}, 4, 3, 2^3\})$	226520064
12	$\mathcal{O}(2; \{12, 6^{12}, 4^3, 3\})$	906080256
12	$\mathcal{O}(2; \{12, 6^{13}, 4, 3^2\})$	905997312
12	$\mathcal{O}(2; \{12, 6^{14}, 4, 2\})$	452957184
12	$\mathcal{O}(2; \{12^2, 2^{24}\})$	82944
12	$\mathcal{O}(2; \{12^2, 3^3, 2^{20}\})$	414720
12	$\mathcal{O}(2; \{12^2, 3^6, 2^{16}\})$	3566592
12	$\mathcal{O}(2; \{12^2, 3^9, 2^{12}\})$	28283904
12	$\mathcal{O}(2; \{12^2, 3^{12}, 2^8\})$	226520064
12	$\mathcal{O}(2; \{12^2, 3^{15}, 2^4\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 3^{18}\})$	14495542272
12	$\mathcal{O}(2; \{12^2, 4^2, 2^{21}\})$	331776
12	$\mathcal{O}(2; \{12^2, 4^2, 3^3, 2^{17}\})$	1658880
12	$\mathcal{O}(2; \{12^2, 4^2, 3^6, 2^{13}\})$	14266368
12	$\mathcal{O}(2; \{12^2, 4^2, 3^9, 2^9\})$	113135616
12	$\mathcal{O}(2; \{12^2, 4^2, 3^{12}, 2^5\})$	906080256
12	$\mathcal{O}(2; \{12^2, 4^2, 3^{15}, 2\})$	7247646720
12	$\mathcal{O}(2; \{12^2, 4^4, 2^{18}\})$	1327104
12	$\mathcal{O}(2; \{12^2, 4^4, 3^3, 2^{14}\})$	6635520
12	$\mathcal{O}(2; \{12^2, 4^4, 3^6, 2^{10}\})$	57065472
12	$\mathcal{O}(2; \{12^2, 4^4, 3^9, 2^6\})$	452542464
12	$\mathcal{O}(2; \{12^2, 4^4, 3^{12}, 2^2\})$	3624321024
12	$\mathcal{O}(2; \{12^2, 4^6, 2^{15}\})$	5308416

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 4^6, 3^3, 2^{11}\})$	26542080
12	$\mathcal{O}(2; \{12^2, 4^6, 3^6, 2^7\})$	228261888
12	$\mathcal{O}(2; \{12^2, 4^6, 3^9, 2^3\})$	1810169856
12	$\mathcal{O}(2; \{12^2, 4^8, 2^{12}\})$	21233664
12	$\mathcal{O}(2; \{12^2, 4^8, 3^3, 2^8\})$	106168320
12	$\mathcal{O}(2; \{12^2, 4^8, 3^6, 2^4\})$	913047552
12	$\mathcal{O}(2; \{12^2, 4^8, 3^9\})$	7240679424
12	$\mathcal{O}(2; \{12^2, 4^{10}, 2^9\})$	84934656
12	$\mathcal{O}(2; \{12^2, 4^{10}, 3^3, 2^5\})$	424673280
12	$\mathcal{O}(2; \{12^2, 4^{10}, 3^6, 2\})$	3652190208
12	$\mathcal{O}(2; \{12^2, 4^{12}, 2^6\})$	339738624
12	$\mathcal{O}(2; \{12^2, 4^{12}, 3^3, 2^2\})$	1698693120
12	$\mathcal{O}(2; \{12^2, 4^{14}, 2^3\})$	1358954496
12	$\mathcal{O}(2; \{12^2, 4^{16}\})$	5435817984
12	$\mathcal{O}(2; \{12^2, 6, 3, 2^{21}\})$	248832
12	$\mathcal{O}(2; \{12^2, 6, 3^4, 2^{17}\})$	1741824
12	$\mathcal{O}(2; \{12^2, 6, 3^7, 2^{13}\})$	14183424
12	$\mathcal{O}(2; \{12^2, 6, 3^{10}, 2^9\})$	113218560
12	$\mathcal{O}(2; \{12^2, 6, 3^{13}, 2^5\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6, 3^{16}, 2\})$	7247729664
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3, 2^{18}\})$	995328
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^4, 2^{14}\})$	6967296
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^7, 2^{10}\})$	56733696
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^{10}, 2^6\})$	452874240
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^{13}, 2^2\})$	3623989248
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3, 2^{15}\})$	3981312
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^4, 2^{11}\})$	27869184
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^7, 2^7\})$	226934784
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^{10}, 2^3\})$	1811496960
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 3, 2^{12}\})$	15925248
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 3^4, 2^8\})$	111476736
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 3^7, 2^4\})$	907739136
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 3^{10}\})$	7245987840
12	$\mathcal{O}(2; \{12^2, 6, 4^8, 3, 2^9\})$	63700992
12	$\mathcal{O}(2; \{12^2, 6, 4^8, 3^4, 2^5\})$	445906944
12	$\mathcal{O}(2; \{12^2, 6, 4^8, 3^7, 2\})$	3630956544
12	$\mathcal{O}(2; \{12^2, 6, 4^{10}, 3, 2^6\})$	254803968
12	$\mathcal{O}(2; \{12^2, 6, 4^{10}, 3^4, 2^2\})$	1783627776
12	$\mathcal{O}(2; \{12^2, 6, 4^{12}, 3, 2^3\})$	1019215872
12	$\mathcal{O}(2; \{12^2, 6, 4^{14}, 3\})$	4076863488
12	$\mathcal{O}(2; \{12^2, 6^2, 3^2, 2^{18}\})$	912384
12	$\mathcal{O}(2; \{12^2, 6^2, 3^5, 2^{14}\})$	7050240
12	$\mathcal{O}(2; \{12^2, 6^2, 3^8, 2^{10}\})$	56650752

Continued on next page

Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 6^2, 3^{11}, 2^6\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^2, 3^{14}, 2^2\})$	3623906304
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^2, 2^{15}\})$	3649536
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^5, 2^{11}\})$	28200960
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^8, 2^7\})$	226603008
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^{11}, 2^3\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3^2, 2^{12}\})$	14598144
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3^5, 2^8\})$	112803840
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3^8, 2^4\})$	906412032
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3^{11}\})$	7247314944
12	$\mathcal{O}(2; \{12^2, 6^2, 4^6, 3^2, 2^9\})$	58392576
12	$\mathcal{O}(2; \{12^2, 6^2, 4^6, 3^5, 2^5\})$	451215360
12	$\mathcal{O}(2; \{12^2, 6^2, 4^6, 3^8, 2\})$	3625648128
12	$\mathcal{O}(2; \{12^2, 6^2, 4^8, 3^2, 2^6\})$	233570304
12	$\mathcal{O}(2; \{12^2, 6^2, 4^8, 3^5, 2^2\})$	1804861440
12	$\mathcal{O}(2; \{12^2, 6^2, 4^{10}, 3^2, 2^3\})$	934281216
12	$\mathcal{O}(2; \{12^2, 6^2, 4^{12}, 3^2\})$	3737124864
12	$\mathcal{O}(2; \{12^2, 6^3, 2^{19}\})$	414720
12	$\mathcal{O}(2; \{12^2, 6^3, 3^3, 2^{15}\})$	3566592
12	$\mathcal{O}(2; \{12^2, 6^3, 3^6, 2^{11}\})$	28283904
12	$\mathcal{O}(2; \{12^2, 6^3, 3^9, 2^7\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^3, 3^{12}, 2^3\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 2^{16}\})$	1658880
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^3, 2^{12}\})$	14266368
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^6, 2^8\})$	113135616
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^9, 2^4\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^{12}\})$	7247646720
12	$\mathcal{O}(2; \{12^2, 6^3, 4^4, 2^{13}\})$	6635520
12	$\mathcal{O}(2; \{12^2, 6^3, 4^4, 3^3, 2^9\})$	57065472
12	$\mathcal{O}(2; \{12^2, 6^3, 4^4, 3^6, 2^5\})$	452542464
12	$\mathcal{O}(2; \{12^2, 6^3, 4^4, 3^9, 2\})$	3624321024
12	$\mathcal{O}(2; \{12^2, 6^3, 4^6, 2^{10}\})$	26542080
12	$\mathcal{O}(2; \{12^2, 6^3, 4^6, 3^3, 2^6\})$	228261888
12	$\mathcal{O}(2; \{12^2, 6^3, 4^6, 3^6, 2^2\})$	1810169856
12	$\mathcal{O}(2; \{12^2, 6^3, 4^8, 2^7\})$	106168320
12	$\mathcal{O}(2; \{12^2, 6^3, 4^8, 3^3, 2^3\})$	913047552
12	$\mathcal{O}(2; \{12^2, 6^3, 4^{10}, 2^4\})$	424673280
12	$\mathcal{O}(2; \{12^2, 6^3, 4^{10}, 3^3\})$	3652190208
12	$\mathcal{O}(2; \{12^2, 6^3, 4^{12}, 2\})$	1698693120
12	$\mathcal{O}(2; \{12^2, 6^4, 3, 2^{16}\})$	1741824
12	$\mathcal{O}(2; \{12^2, 6^4, 3^4, 2^{12}\})$	14183424
12	$\mathcal{O}(2; \{12^2, 6^4, 3^7, 2^8\})$	113218560
12	$\mathcal{O}(2; \{12^2, 6^4, 3^{10}, 2^4\})$	905997312

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 6^4, 3^{13}\})$	7247729664
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 3, 2^{13}\})$	6967296
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 3^4, 2^9\})$	56733696
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 3^7, 2^5\})$	452874240
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 3^{10}, 2\})$	3623989248
12	$\mathcal{O}(2; \{12^2, 6^4, 4^4, 3, 2^{10}\})$	27869184
12	$\mathcal{O}(2; \{12^2, 6^4, 4^4, 3^4, 2^6\})$	226934784
12	$\mathcal{O}(2; \{12^2, 6^4, 4^4, 3^7, 2^2\})$	1811496960
12	$\mathcal{O}(2; \{12^2, 6^4, 4^6, 3, 2^7\})$	111476736
12	$\mathcal{O}(2; \{12^2, 6^4, 4^6, 3^4, 2^3\})$	907739136
12	$\mathcal{O}(2; \{12^2, 6^4, 4^8, 3, 2^4\})$	445906944
12	$\mathcal{O}(2; \{12^2, 6^4, 4^8, 3^4\})$	3630956544
12	$\mathcal{O}(2; \{12^2, 6^4, 4^{10}, 3, 2\})$	1783627776
12	$\mathcal{O}(2; \{12^2, 6^5, 3^2, 2^{13}\})$	7050240
12	$\mathcal{O}(2; \{12^2, 6^5, 3^5, 2^9\})$	56650752
12	$\mathcal{O}(2; \{12^2, 6^5, 3^8, 2^5\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^5, 3^{11}, 2\})$	3623906304
12	$\mathcal{O}(2; \{12^2, 6^5, 4^2, 3^2, 2^{10}\})$	28200960
12	$\mathcal{O}(2; \{12^2, 6^5, 4^2, 3^5, 2^6\})$	226603008
12	$\mathcal{O}(2; \{12^2, 6^5, 4^2, 3^8, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6^5, 4^4, 3^2, 2^7\})$	112803840
12	$\mathcal{O}(2; \{12^2, 6^5, 4^4, 3^5, 2^3\})$	906412032
12	$\mathcal{O}(2; \{12^2, 6^5, 4^6, 3^2, 2^4\})$	451215360
12	$\mathcal{O}(2; \{12^2, 6^5, 4^6, 3^5\})$	3625648128
12	$\mathcal{O}(2; \{12^2, 6^5, 4^8, 3^2, 2\})$	1804861440
12	$\mathcal{O}(2; \{12^2, 6^6, 2^{14}\})$	3566592
12	$\mathcal{O}(2; \{12^2, 6^6, 3^3, 2^{10}\})$	28283904
12	$\mathcal{O}(2; \{12^2, 6^6, 3^6, 2^6\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^6, 3^9, 2^2\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6^6, 4^2, 2^{11}\})$	14266368
12	$\mathcal{O}(2; \{12^2, 6^6, 4^2, 3^3, 2^7\})$	113135616
12	$\mathcal{O}(2; \{12^2, 6^6, 4^2, 3^6, 2^3\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^6, 4^4, 2^8\})$	57065472
12	$\mathcal{O}(2; \{12^2, 6^6, 4^4, 3^3, 2^4\})$	452542464
12	$\mathcal{O}(2; \{12^2, 6^6, 4^4, 3^6\})$	3624321024
12	$\mathcal{O}(2; \{12^2, 6^6, 4^6, 2^5\})$	228261888
12	$\mathcal{O}(2; \{12^2, 6^6, 4^6, 3^3, 2\})$	1810169856
12	$\mathcal{O}(2; \{12^2, 6^6, 4^8, 2^2\})$	913047552
12	$\mathcal{O}(2; \{12^2, 6^7, 3, 2^{11}\})$	14183424
12	$\mathcal{O}(2; \{12^2, 6^7, 3^4, 2^7\})$	113218560
12	$\mathcal{O}(2; \{12^2, 6^7, 3^7, 2^3\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^7, 4^2, 3, 2^8\})$	56733696
12	$\mathcal{O}(2; \{12^2, 6^7, 4^2, 3^4, 2^4\})$	452874240

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 6^7, 4^2, 3^7\})$	3623989248
12	$\mathcal{O}(2; \{12^2, 6^7, 4^4, 3, 2^5\})$	226934784
12	$\mathcal{O}(2; \{12^2, 6^7, 4^4, 3^4, 2\})$	1811496960
12	$\mathcal{O}(2; \{12^2, 6^7, 4^6, 3, 2^2\})$	907739136
12	$\mathcal{O}(2; \{12^2, 6^8, 3^2, 2^8\})$	56650752
12	$\mathcal{O}(2; \{12^2, 6^8, 3^5, 2^4\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^8, 3^8\})$	3623906304
12	$\mathcal{O}(2; \{12^2, 6^8, 4^2, 3^2, 2^5\})$	226603008
12	$\mathcal{O}(2; \{12^2, 6^8, 4^2, 3^5, 2\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6^8, 4^4, 3^2, 2^2\})$	906412032
12	$\mathcal{O}(2; \{12^2, 6^9, 2^9\})$	28283904
12	$\mathcal{O}(2; \{12^2, 6^9, 3^3, 2^5\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^9, 3^6, 2\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6^9, 4^2, 2^6\})$	113135616
12	$\mathcal{O}(2; \{12^2, 6^9, 4^2, 3^3, 2^2\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^9, 4^4, 2^3\})$	452542464
12	$\mathcal{O}(2; \{12^2, 6^9, 4^6\})$	1810169856
12	$\mathcal{O}(2; \{12^2, 6^{10}, 3, 2^6\})$	113218560
12	$\mathcal{O}(2; \{12^2, 6^{10}, 3^4, 2^2\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^{10}, 4^2, 3, 2^3\})$	452874240
12	$\mathcal{O}(2; \{12^2, 6^{10}, 4^4, 3\})$	1811496960
12	$\mathcal{O}(2; \{12^2, 6^{11}, 3^2, 2^3\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^{11}, 4^2, 3^2\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6^{12}, 2^4\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^{12}, 3^3\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6^{12}, 4^2, 2\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^{13}, 3, 2\})$	905997312
12	$\mathcal{O}(2; \{12^3, 4, 3^2, 2^{18}\})$	1658880
12	$\mathcal{O}(2; \{12^3, 4, 3^5, 2^{14}\})$	14266368
12	$\mathcal{O}(2; \{12^3, 4, 3^8, 2^{10}\})$	113135616
12	$\mathcal{O}(2; \{12^3, 4, 3^{11}, 2^6\})$	906080256
12	$\mathcal{O}(2; \{12^3, 4, 3^{14}, 2^2\})$	7247646720
12	$\mathcal{O}(2; \{12^3, 4^3, 3^2, 2^{15}\})$	6635520
12	$\mathcal{O}(2; \{12^3, 4^3, 3^5, 2^{11}\})$	57065472
12	$\mathcal{O}(2; \{12^3, 4^3, 3^8, 2^7\})$	452542464
12	$\mathcal{O}(2; \{12^3, 4^3, 3^{11}, 2^3\})$	3624321024
12	$\mathcal{O}(2; \{12^3, 4^5, 3^2, 2^{12}\})$	26542080
12	$\mathcal{O}(2; \{12^3, 4^5, 3^5, 2^8\})$	228261888
12	$\mathcal{O}(2; \{12^3, 4^5, 3^8, 2^4\})$	1810169856
12	$\mathcal{O}(2; \{12^3, 4^5, 3^{11}\})$	14497284096
12	$\mathcal{O}(2; \{12^3, 4^7, 3^2, 2^9\})$	106168320
12	$\mathcal{O}(2; \{12^3, 4^7, 3^5, 2^5\})$	913047552
12	$\mathcal{O}(2; \{12^3, 4^7, 3^8, 2\})$	7240679424

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^3, 4^9, 3^2, 2^6\})$	424673280
12	$\mathcal{O}(2; \{12^3, 4^9, 3^5, 2^2\})$	3652190208
12	$\mathcal{O}(2; \{12^3, 4^{11}, 3^2, 2^3\})$	1698693120
12	$\mathcal{O}(2; \{12^3, 4^{13}, 3^2\})$	6794772480
12	$\mathcal{O}(2; \{12^3, 6, 4, 2^{19}\})$	995328
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^3, 2^{15}\})$	6967296
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^6, 2^{11}\})$	56733696
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^9, 2^7\})$	452874240
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^{12}, 2^3\})$	3623989248
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 2^{16}\})$	3981312
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^3, 2^{12}\})$	27869184
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^6, 2^8\})$	226934784
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^9, 2^4\})$	1811496960
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^{12}\})$	14495956992
12	$\mathcal{O}(2; \{12^3, 6, 4^5, 2^{13}\})$	15925248
12	$\mathcal{O}(2; \{12^3, 6, 4^5, 3^3, 2^9\})$	111476736
12	$\mathcal{O}(2; \{12^3, 6, 4^5, 3^6, 2^5\})$	907739136
12	$\mathcal{O}(2; \{12^3, 6, 4^5, 3^9, 2\})$	7245987840
12	$\mathcal{O}(2; \{12^3, 6, 4^7, 2^{10}\})$	63700992
12	$\mathcal{O}(2; \{12^3, 6, 4^7, 3^3, 2^6\})$	445906944
12	$\mathcal{O}(2; \{12^3, 6, 4^7, 3^6, 2^2\})$	3630956544
12	$\mathcal{O}(2; \{12^3, 6, 4^9, 2^7\})$	254803968
12	$\mathcal{O}(2; \{12^3, 6, 4^9, 3^3, 2^3\})$	1783627776
12	$\mathcal{O}(2; \{12^3, 6, 4^{11}, 2^4\})$	1019215872
12	$\mathcal{O}(2; \{12^3, 6, 4^{11}, 3^3\})$	7134511104
12	$\mathcal{O}(2; \{12^3, 6, 4^{13}, 2\})$	4076863488
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3, 2^{16}\})$	3649536
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^4, 2^{12}\})$	28200960
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^7, 2^8\})$	226603008
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^{10}, 2^4\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^{13}\})$	14495625216
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 3, 2^{13}\})$	14598144
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 3^4, 2^9\})$	112803840
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 3^7, 2^5\})$	906412032
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 3^{10}, 2\})$	7247314944
12	$\mathcal{O}(2; \{12^3, 6^2, 4^5, 3, 2^{10}\})$	58392576
12	$\mathcal{O}(2; \{12^3, 6^2, 4^5, 3^4, 2^6\})$	451215360
12	$\mathcal{O}(2; \{12^3, 6^2, 4^5, 3^7, 2^2\})$	3625648128
12	$\mathcal{O}(2; \{12^3, 6^2, 4^7, 3, 2^7\})$	233570304
12	$\mathcal{O}(2; \{12^3, 6^2, 4^7, 3^4, 2^3\})$	1804861440
12	$\mathcal{O}(2; \{12^3, 6^2, 4^9, 3, 2^4\})$	934281216
12	$\mathcal{O}(2; \{12^3, 6^2, 4^9, 3^4\})$	7219445760
12	$\mathcal{O}(2; \{12^3, 6^2, 4^{11}, 3, 2\})$	3737124864

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3^2, 2^{13}\})$	14266368
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3^5, 2^9\})$	113135616
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3^8, 2^5\})$	906080256
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3^{11}, 2\})$	7247646720
12	$\mathcal{O}(2; \{12^3, 6^3, 4^3, 3^2, 2^{10}\})$	57065472
12	$\mathcal{O}(2; \{12^3, 6^3, 4^3, 3^5, 2^6\})$	452542464
12	$\mathcal{O}(2; \{12^3, 6^3, 4^3, 3^8, 2^2\})$	3624321024
12	$\mathcal{O}(2; \{12^3, 6^3, 4^5, 3^2, 2^7\})$	228261888
12	$\mathcal{O}(2; \{12^3, 6^3, 4^5, 3^5, 2^3\})$	1810169856
12	$\mathcal{O}(2; \{12^3, 6^3, 4^7, 3^2, 2^4\})$	913047552
12	$\mathcal{O}(2; \{12^3, 6^3, 4^7, 3^5\})$	7240679424
12	$\mathcal{O}(2; \{12^3, 6^3, 4^9, 3^2, 2\})$	3652190208
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 2^{14}\})$	6967296
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 3^3, 2^{10}\})$	56733696
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 3^6, 2^6\})$	452874240
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 3^9, 2^2\})$	3623989248
12	$\mathcal{O}(2; \{12^3, 6^4, 4^3, 2^{11}\})$	27869184
12	$\mathcal{O}(2; \{12^3, 6^4, 4^3, 3^3, 2^7\})$	226934784
12	$\mathcal{O}(2; \{12^3, 6^4, 4^3, 3^6, 2^3\})$	1811496960
12	$\mathcal{O}(2; \{12^3, 6^4, 4^5, 2^8\})$	111476736
12	$\mathcal{O}(2; \{12^3, 6^4, 4^5, 3^3, 2^4\})$	907739136
12	$\mathcal{O}(2; \{12^3, 6^4, 4^5, 3^6\})$	7245987840
12	$\mathcal{O}(2; \{12^3, 6^4, 4^7, 2^5\})$	445906944
12	$\mathcal{O}(2; \{12^3, 6^4, 4^7, 3^3, 2\})$	3630956544
12	$\mathcal{O}(2; \{12^3, 6^4, 4^9, 2^2\})$	1783627776
12	$\mathcal{O}(2; \{12^3, 6^5, 4, 3, 2^{11}\})$	28200960
12	$\mathcal{O}(2; \{12^3, 6^5, 4, 3^4, 2^7\})$	226603008
12	$\mathcal{O}(2; \{12^3, 6^5, 4, 3^7, 2^3\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 6^5, 4^3, 3, 2^8\})$	112803840
12	$\mathcal{O}(2; \{12^3, 6^5, 4^3, 3^4, 2^4\})$	906412032
12	$\mathcal{O}(2; \{12^3, 6^5, 4^3, 3^7\})$	7247314944
12	$\mathcal{O}(2; \{12^3, 6^5, 4^5, 3, 2^5\})$	451215360
12	$\mathcal{O}(2; \{12^3, 6^5, 4^5, 3^4, 2\})$	3625648128
12	$\mathcal{O}(2; \{12^3, 6^5, 4^7, 3, 2^2\})$	1804861440
12	$\mathcal{O}(2; \{12^3, 6^6, 4, 3^2, 2^8\})$	113135616
12	$\mathcal{O}(2; \{12^3, 6^6, 4, 3^5, 2^4\})$	906080256
12	$\mathcal{O}(2; \{12^3, 6^6, 4, 3^8\})$	7247646720
12	$\mathcal{O}(2; \{12^3, 6^6, 4^3, 3^2, 2^5\})$	452542464
12	$\mathcal{O}(2; \{12^3, 6^6, 4^3, 3^5, 2\})$	3624321024
12	$\mathcal{O}(2; \{12^3, 6^6, 4^5, 3^2, 2^2\})$	1810169856
12	$\mathcal{O}(2; \{12^3, 6^7, 4, 2^9\})$	56733696
12	$\mathcal{O}(2; \{12^3, 6^7, 4, 3^3, 2^5\})$	452874240
12	$\mathcal{O}(2; \{12^3, 6^7, 4, 3^6, 2\})$	3623989248

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^3, 6^7, 4^3, 2^6\})$	226934784
12	$\mathcal{O}(2; \{12^3, 6^7, 4^3, 3^3, 2^2\})$	1811496960
12	$\mathcal{O}(2; \{12^3, 6^7, 4^5, 2^3\})$	907739136
12	$\mathcal{O}(2; \{12^3, 6^7, 4^7\})$	3630956544
12	$\mathcal{O}(2; \{12^3, 6^8, 4, 3, 2^6\})$	226603008
12	$\mathcal{O}(2; \{12^3, 6^8, 4, 3^4, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 6^8, 4^3, 3, 2^3\})$	906412032
12	$\mathcal{O}(2; \{12^3, 6^8, 4^5, 3\})$	3625648128
12	$\mathcal{O}(2; \{12^3, 6^9, 4, 3^2, 2^3\})$	906080256
12	$\mathcal{O}(2; \{12^3, 6^9, 4^3, 3^2\})$	3624321024
12	$\mathcal{O}(2; \{12^3, 6^{10}, 4, 2^4\})$	452874240
12	$\mathcal{O}(2; \{12^3, 6^{10}, 4, 3^3\})$	3623989248
12	$\mathcal{O}(2; \{12^3, 6^{10}, 4^3, 2\})$	1811496960
12	$\mathcal{O}(2; \{12^3, 6^{11}, 4, 3, 2\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 3, 2^{19}\})$	1658880
12	$\mathcal{O}(2; \{12^4, 3^4, 2^{15}\})$	14266368
12	$\mathcal{O}(2; \{12^4, 3^7, 2^{11}\})$	113135616
12	$\mathcal{O}(2; \{12^4, 3^{10}, 2^7\})$	906080256
12	$\mathcal{O}(2; \{12^4, 3^{13}, 2^3\})$	7247646720
12	$\mathcal{O}(2; \{12^4, 4^2, 3, 2^{16}\})$	6635520
12	$\mathcal{O}(2; \{12^4, 4^2, 3^4, 2^{12}\})$	57065472
12	$\mathcal{O}(2; \{12^4, 4^2, 3^7, 2^8\})$	452542464
12	$\mathcal{O}(2; \{12^4, 4^2, 3^{10}, 2^4\})$	3624321024
12	$\mathcal{O}(2; \{12^4, 4^2, 3^{13}\})$	28990586880
12	$\mathcal{O}(2; \{12^4, 4^4, 3, 2^{13}\})$	26542080
12	$\mathcal{O}(2; \{12^4, 4^4, 3^4, 2^9\})$	228261888
12	$\mathcal{O}(2; \{12^4, 4^4, 3^7, 2^5\})$	1810169856
12	$\mathcal{O}(2; \{12^4, 4^4, 3^{10}, 2\})$	14497284096
12	$\mathcal{O}(2; \{12^4, 4^6, 3, 2^{10}\})$	106168320
12	$\mathcal{O}(2; \{12^4, 4^6, 3^4, 2^6\})$	913047552
12	$\mathcal{O}(2; \{12^4, 4^6, 3^7, 2^2\})$	7240679424
12	$\mathcal{O}(2; \{12^4, 4^8, 3, 2^7\})$	424673280
12	$\mathcal{O}(2; \{12^4, 4^8, 3^4, 2^3\})$	3652190208
12	$\mathcal{O}(2; \{12^4, 4^{10}, 3, 2^4\})$	1698693120
12	$\mathcal{O}(2; \{12^4, 4^{10}, 3^4\})$	14608760832
12	$\mathcal{O}(2; \{12^4, 4^{12}, 3, 2\})$	6794772480
12	$\mathcal{O}(2; \{12^4, 6, 3^2, 2^{16}\})$	6967296
12	$\mathcal{O}(2; \{12^4, 6, 3^5, 2^{12}\})$	56733696
12	$\mathcal{O}(2; \{12^4, 6, 3^8, 2^8\})$	452874240
12	$\mathcal{O}(2; \{12^4, 6, 3^{11}, 2^4\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 6, 3^{14}\})$	28990918656
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3^2, 2^{13}\})$	27869184
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3^5, 2^9\})$	226934784

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3^8, 2^5\})$	1811496960
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3^{11}, 2\})$	14495956992
12	$\mathcal{O}(2; \{12^4, 6, 4^4, 3^2, 2^{10}\})$	111476736
12	$\mathcal{O}(2; \{12^4, 6, 4^4, 3^5, 2^6\})$	907739136
12	$\mathcal{O}(2; \{12^4, 6, 4^4, 3^8, 2^2\})$	7245987840
12	$\mathcal{O}(2; \{12^4, 6, 4^6, 3^2, 2^7\})$	445906944
12	$\mathcal{O}(2; \{12^4, 6, 4^6, 3^5, 2^3\})$	3630956544
12	$\mathcal{O}(2; \{12^4, 6, 4^8, 3^2, 2^4\})$	1783627776
12	$\mathcal{O}(2; \{12^4, 6, 4^8, 3^5\})$	14523826176
12	$\mathcal{O}(2; \{12^4, 6, 4^{10}, 3^2, 2\})$	7134511104
12	$\mathcal{O}(2; \{12^4, 6^2, 2^{17}\})$	3649536
12	$\mathcal{O}(2; \{12^4, 6^2, 3^3, 2^{13}\})$	28200960
12	$\mathcal{O}(2; \{12^4, 6^2, 3^6, 2^9\})$	226603008
12	$\mathcal{O}(2; \{12^4, 6^2, 3^9, 2^5\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 6^2, 3^{12}, 2\})$	14495625216
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 2^{14}\})$	14598144
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 3^3, 2^{10}\})$	112803840
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 3^6, 2^6\})$	906412032
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 3^9, 2^2\})$	7247314944
12	$\mathcal{O}(2; \{12^4, 6^2, 4^4, 2^{11}\})$	58392576
12	$\mathcal{O}(2; \{12^4, 6^2, 4^4, 3^3, 2^7\})$	451215360
12	$\mathcal{O}(2; \{12^4, 6^2, 4^4, 3^6, 2^3\})$	3625648128
12	$\mathcal{O}(2; \{12^4, 6^2, 4^6, 2^8\})$	233570304
12	$\mathcal{O}(2; \{12^4, 6^2, 4^6, 3^3, 2^4\})$	1804861440
12	$\mathcal{O}(2; \{12^4, 6^2, 4^6, 3^6\})$	14502592512
12	$\mathcal{O}(2; \{12^4, 6^2, 4^8, 2^5\})$	934281216
12	$\mathcal{O}(2; \{12^4, 6^2, 4^8, 3^3, 2\})$	7219445760
12	$\mathcal{O}(2; \{12^4, 6^2, 4^{10}, 2^2\})$	3737124864
12	$\mathcal{O}(2; \{12^4, 6^3, 3, 2^{14}\})$	14266368
12	$\mathcal{O}(2; \{12^4, 6^3, 3^4, 2^{10}\})$	113135616
12	$\mathcal{O}(2; \{12^4, 6^3, 3^7, 2^6\})$	906080256
12	$\mathcal{O}(2; \{12^4, 6^3, 3^{10}, 2^2\})$	7247646720
12	$\mathcal{O}(2; \{12^4, 6^3, 4^2, 3, 2^{11}\})$	57065472
12	$\mathcal{O}(2; \{12^4, 6^3, 4^2, 3^4, 2^7\})$	452542464
12	$\mathcal{O}(2; \{12^4, 6^3, 4^2, 3^7, 2^3\})$	3624321024
12	$\mathcal{O}(2; \{12^4, 6^3, 4^4, 3, 2^8\})$	228261888
12	$\mathcal{O}(2; \{12^4, 6^3, 4^4, 3^4, 2^4\})$	1810169856
12	$\mathcal{O}(2; \{12^4, 6^3, 4^4, 3^7\})$	14497284096
12	$\mathcal{O}(2; \{12^4, 6^3, 4^6, 3, 2^5\})$	913047552
12	$\mathcal{O}(2; \{12^4, 6^3, 4^6, 3^4, 2\})$	7240679424
12	$\mathcal{O}(2; \{12^4, 6^3, 4^8, 3, 2^2\})$	3652190208
12	$\mathcal{O}(2; \{12^4, 6^4, 3^2, 2^{11}\})$	56733696
12	$\mathcal{O}(2; \{12^4, 6^4, 3^5, 2^7\})$	452874240

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^4, 6^4, 3^8, 2^3\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 6^4, 4^2, 3^2, 2^8\})$	226934784
12	$\mathcal{O}(2; \{12^4, 6^4, 4^2, 3^5, 2^4\})$	1811496960
12	$\mathcal{O}(2; \{12^4, 6^4, 4^2, 3^8\})$	14495956992
12	$\mathcal{O}(2; \{12^4, 6^4, 4^4, 3^2, 2^5\})$	907739136
12	$\mathcal{O}(2; \{12^4, 6^4, 4^4, 3^5, 2\})$	7245987840
12	$\mathcal{O}(2; \{12^4, 6^4, 4^6, 3^2, 2^2\})$	3630956544
12	$\mathcal{O}(2; \{12^4, 6^5, 2^{12}\})$	28200960
12	$\mathcal{O}(2; \{12^4, 6^5, 3^3, 2^8\})$	226603008
12	$\mathcal{O}(2; \{12^4, 6^5, 3^6, 2^4\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 6^5, 3^9\})$	14495625216
12	$\mathcal{O}(2; \{12^4, 6^5, 4^2, 2^9\})$	112803840
12	$\mathcal{O}(2; \{12^4, 6^5, 4^2, 3^3, 2^5\})$	906412032
12	$\mathcal{O}(2; \{12^4, 6^5, 4^2, 3^6, 2\})$	7247314944
12	$\mathcal{O}(2; \{12^4, 6^5, 4^4, 2^6\})$	451215360
12	$\mathcal{O}(2; \{12^4, 6^5, 4^4, 3^3, 2^2\})$	3625648128
12	$\mathcal{O}(2; \{12^4, 6^5, 4^6, 2^3\})$	1804861440
12	$\mathcal{O}(2; \{12^4, 6^5, 4^8\})$	7219445760
12	$\mathcal{O}(2; \{12^4, 6^6, 3, 2^9\})$	113135616
12	$\mathcal{O}(2; \{12^4, 6^6, 3^4, 2^5\})$	906080256
12	$\mathcal{O}(2; \{12^4, 6^6, 3^7, 2\})$	7247646720
12	$\mathcal{O}(2; \{12^4, 6^6, 4^2, 3, 2^6\})$	452542464
12	$\mathcal{O}(2; \{12^4, 6^6, 4^2, 3^4, 2^2\})$	3624321024
12	$\mathcal{O}(2; \{12^4, 6^6, 4^4, 3, 2^3\})$	1810169856
12	$\mathcal{O}(2; \{12^4, 6^6, 4^6, 3\})$	7240679424
12	$\mathcal{O}(2; \{12^4, 6^7, 3^2, 2^6\})$	452874240
12	$\mathcal{O}(2; \{12^4, 6^7, 3^5, 2^2\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 6^7, 4^2, 3^2, 2^3\})$	1811496960
12	$\mathcal{O}(2; \{12^4, 6^7, 4^4, 3^2\})$	7245987840
12	$\mathcal{O}(2; \{12^4, 6^8, 2^7\})$	226603008
12	$\mathcal{O}(2; \{12^4, 6^8, 3^3, 2^3\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 6^8, 4^2, 2^4\})$	906412032
12	$\mathcal{O}(2; \{12^4, 6^8, 4^2, 3^3\})$	7247314944
12	$\mathcal{O}(2; \{12^4, 6^8, 4^4, 2\})$	3625648128
12	$\mathcal{O}(2; \{12^4, 6^9, 3, 2^4\})$	906080256
12	$\mathcal{O}(2; \{12^4, 6^9, 3^4\})$	7247646720
12	$\mathcal{O}(2; \{12^4, 6^9, 4^2, 3, 2\})$	3624321024
12	$\mathcal{O}(2; \{12^4, 6^{10}, 3^2, 2\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 6^{11}, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{12^5, 4, 2^{17}\})$	6635520
12	$\mathcal{O}(2; \{12^5, 4, 3^3, 2^{13}\})$	57065472
12	$\mathcal{O}(2; \{12^5, 4, 3^6, 2^9\})$	452542464
12	$\mathcal{O}(2; \{12^5, 4, 3^9, 2^5\})$	3624321024

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^5, 4, 3^{12}, 2\})$	28990586880
12	$\mathcal{O}(2; \{12^5, 4^3, 2^{14}\})$	26542080
12	$\mathcal{O}(2; \{12^5, 4^3, 3^3, 2^{10}\})$	228261888
12	$\mathcal{O}(2; \{12^5, 4^3, 3^6, 2^6\})$	1810169856
12	$\mathcal{O}(2; \{12^5, 4^3, 3^9, 2^2\})$	14497284096
12	$\mathcal{O}(2; \{12^5, 4^5, 2^{11}\})$	106168320
12	$\mathcal{O}(2; \{12^5, 4^5, 3^3, 2^7\})$	913047552
12	$\mathcal{O}(2; \{12^5, 4^5, 3^6, 2^3\})$	7240679424
12	$\mathcal{O}(2; \{12^5, 4^7, 2^8\})$	424673280
12	$\mathcal{O}(2; \{12^5, 4^7, 3^3, 2^4\})$	3652190208
12	$\mathcal{O}(2; \{12^5, 4^7, 3^6\})$	28962717696
12	$\mathcal{O}(2; \{12^5, 4^9, 2^5\})$	1698693120
12	$\mathcal{O}(2; \{12^5, 4^9, 3^3, 2\})$	14608760832
12	$\mathcal{O}(2; \{12^5, 4^{11}, 2^2\})$	6794772480
12	$\mathcal{O}(2; \{12^5, 6, 4, 3, 2^{14}\})$	27869184
12	$\mathcal{O}(2; \{12^5, 6, 4, 3^4, 2^{10}\})$	226934784
12	$\mathcal{O}(2; \{12^5, 6, 4, 3^7, 2^6\})$	1811496960
12	$\mathcal{O}(2; \{12^5, 6, 4, 3^{10}, 2^2\})$	14495956992
12	$\mathcal{O}(2; \{12^5, 6, 4^3, 3, 2^{11}\})$	111476736
12	$\mathcal{O}(2; \{12^5, 6, 4^3, 3^4, 2^7\})$	907739136
12	$\mathcal{O}(2; \{12^5, 6, 4^3, 3^7, 2^3\})$	7245987840
12	$\mathcal{O}(2; \{12^5, 6, 4^5, 3, 2^8\})$	445906944
12	$\mathcal{O}(2; \{12^5, 6, 4^5, 3^4, 2^4\})$	3630956544
12	$\mathcal{O}(2; \{12^5, 6, 4^5, 3^7\})$	28983951360
12	$\mathcal{O}(2; \{12^5, 6, 4^7, 3, 2^5\})$	1783627776
12	$\mathcal{O}(2; \{12^5, 6, 4^7, 3^4, 2\})$	14523826176
12	$\mathcal{O}(2; \{12^5, 6, 4^9, 3, 2^2\})$	7134511104
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 3^2, 2^{11}\})$	112803840
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 3^5, 2^7\})$	906412032
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 3^8, 2^3\})$	7247314944
12	$\mathcal{O}(2; \{12^5, 6^2, 4^3, 3^2, 2^8\})$	451215360
12	$\mathcal{O}(2; \{12^5, 6^2, 4^3, 3^5, 2^4\})$	3625648128
12	$\mathcal{O}(2; \{12^5, 6^2, 4^3, 3^8\})$	28989259776
12	$\mathcal{O}(2; \{12^5, 6^2, 4^5, 3^2, 2^5\})$	1804861440
12	$\mathcal{O}(2; \{12^5, 6^2, 4^5, 3^5, 2\})$	14502592512
12	$\mathcal{O}(2; \{12^5, 6^2, 4^7, 3^2, 2^2\})$	7219445760
12	$\mathcal{O}(2; \{12^5, 6^3, 4, 2^{12}\})$	57065472
12	$\mathcal{O}(2; \{12^5, 6^3, 4, 3^3, 2^8\})$	452542464
12	$\mathcal{O}(2; \{12^5, 6^3, 4, 3^6, 2^4\})$	3624321024
12	$\mathcal{O}(2; \{12^5, 6^3, 4, 3^9\})$	28990586880
12	$\mathcal{O}(2; \{12^5, 6^3, 4^3, 2^9\})$	228261888
12	$\mathcal{O}(2; \{12^5, 6^3, 4^3, 3^3, 2^5\})$	1810169856
12	$\mathcal{O}(2; \{12^5, 6^3, 4^3, 3^6, 2\})$	14497284096

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^5, 6^3, 4^5, 2^6\})$	913047552
12	$\mathcal{O}(2; \{12^5, 6^3, 4^5, 3^3, 2^2\})$	7240679424
12	$\mathcal{O}(2; \{12^5, 6^3, 4^7, 2^3\})$	3652190208
12	$\mathcal{O}(2; \{12^5, 6^3, 4^9\})$	14608760832
12	$\mathcal{O}(2; \{12^5, 6^4, 4, 3, 2^9\})$	226934784
12	$\mathcal{O}(2; \{12^5, 6^4, 4, 3^4, 2^5\})$	1811496960
12	$\mathcal{O}(2; \{12^5, 6^4, 4, 3^7, 2\})$	14495956992
12	$\mathcal{O}(2; \{12^5, 6^4, 4^3, 3, 2^6\})$	907739136
12	$\mathcal{O}(2; \{12^5, 6^4, 4^3, 3^4, 2^2\})$	7245987840
12	$\mathcal{O}(2; \{12^5, 6^4, 4^5, 3, 2^3\})$	3630956544
12	$\mathcal{O}(2; \{12^5, 6^4, 4^7, 3\})$	14523826176
12	$\mathcal{O}(2; \{12^5, 6^5, 4, 3^2, 2^6\})$	906412032
12	$\mathcal{O}(2; \{12^5, 6^5, 4, 3^5, 2^2\})$	7247314944
12	$\mathcal{O}(2; \{12^5, 6^5, 4^3, 3^2, 2^3\})$	3625648128
12	$\mathcal{O}(2; \{12^5, 6^5, 4^5, 3^2\})$	14502592512
12	$\mathcal{O}(2; \{12^5, 6^6, 4, 2^7\})$	452542464
12	$\mathcal{O}(2; \{12^5, 6^6, 4, 3^3, 2^3\})$	3624321024
12	$\mathcal{O}(2; \{12^5, 6^6, 4^3, 2^4\})$	1810169856
12	$\mathcal{O}(2; \{12^5, 6^6, 4^3, 3^3\})$	14497284096
12	$\mathcal{O}(2; \{12^5, 6^6, 4^5, 2\})$	7240679424
12	$\mathcal{O}(2; \{12^5, 6^7, 4, 3, 2^4\})$	1811496960
12	$\mathcal{O}(2; \{12^5, 6^7, 4, 3^4\})$	14495956992
12	$\mathcal{O}(2; \{12^5, 6^7, 4^3, 3, 2\})$	7245987840
12	$\mathcal{O}(2; \{12^5, 6^8, 4, 3^2, 2\})$	7247314944
12	$\mathcal{O}(2; \{12^5, 6^9, 4, 2^2\})$	3624321024
12	$\mathcal{O}(2; \{12^6, 3^2, 2^{14}\})$	57065472
12	$\mathcal{O}(2; \{12^6, 3^5, 2^{10}\})$	452542464
12	$\mathcal{O}(2; \{12^6, 3^8, 2^6\})$	3624321024
12	$\mathcal{O}(2; \{12^6, 3^{11}, 2^2\})$	28990586880
12	$\mathcal{O}(2; \{12^6, 4^2, 3^2, 2^{11}\})$	228261888
12	$\mathcal{O}(2; \{12^6, 4^2, 3^5, 2^7\})$	1810169856
12	$\mathcal{O}(2; \{12^6, 4^2, 3^8, 2^3\})$	14497284096
12	$\mathcal{O}(2; \{12^6, 4^4, 3^2, 2^8\})$	913047552
12	$\mathcal{O}(2; \{12^6, 4^4, 3^5, 2^4\})$	7240679424
12	$\mathcal{O}(2; \{12^6, 4^4, 3^8\})$	57989136384
12	$\mathcal{O}(2; \{12^6, 4^6, 3^2, 2^5\})$	3652190208
12	$\mathcal{O}(2; \{12^6, 4^6, 3^5, 2\})$	28962717696
12	$\mathcal{O}(2; \{12^6, 4^8, 3^2, 2^2\})$	14608760832
12	$\mathcal{O}(2; \{12^6, 6, 2^{15}\})$	27869184
12	$\mathcal{O}(2; \{12^6, 6, 3^3, 2^{11}\})$	226934784
12	$\mathcal{O}(2; \{12^6, 6, 3^6, 2^7\})$	1811496960
12	$\mathcal{O}(2; \{12^6, 6, 3^9, 2^3\})$	14495956992
12	$\mathcal{O}(2; \{12^6, 6, 4^2, 2^{12}\})$	111476736

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^6, 6, 4^2, 3^3, 2^8\})$	907739136
12	$\mathcal{O}(2; \{12^6, 6, 4^2, 3^6, 2^4\})$	7245987840
12	$\mathcal{O}(2; \{12^6, 6, 4^2, 3^9\})$	57983827968
12	$\mathcal{O}(2; \{12^6, 6, 4^4, 2^9\})$	445906944
12	$\mathcal{O}(2; \{12^6, 6, 4^4, 3^3, 2^5\})$	3630956544
12	$\mathcal{O}(2; \{12^6, 6, 4^4, 3^6, 2\})$	28983951360
12	$\mathcal{O}(2; \{12^6, 6, 4^6, 2^6\})$	1783627776
12	$\mathcal{O}(2; \{12^6, 6, 4^6, 3^3, 2^2\})$	14523826176
12	$\mathcal{O}(2; \{12^6, 6, 4^8, 2^3\})$	7134511104
12	$\mathcal{O}(2; \{12^6, 6, 4^{10}\})$	28538044416
12	$\mathcal{O}(2; \{12^6, 6^2, 3, 2^{12}\})$	112803840
12	$\mathcal{O}(2; \{12^6, 6^2, 3^4, 2^8\})$	906412032
12	$\mathcal{O}(2; \{12^6, 6^2, 3^7, 2^4\})$	7247314944
12	$\mathcal{O}(2; \{12^6, 6^2, 3^{10}\})$	57982500864
12	$\mathcal{O}(2; \{12^6, 6^2, 4^2, 3, 2^9\})$	451215360
12	$\mathcal{O}(2; \{12^6, 6^2, 4^2, 3^4, 2^5\})$	3625648128
12	$\mathcal{O}(2; \{12^6, 6^2, 4^2, 3^7, 2\})$	28989259776
12	$\mathcal{O}(2; \{12^6, 6^2, 4^4, 3, 2^6\})$	1804861440
12	$\mathcal{O}(2; \{12^6, 6^2, 4^4, 3^4, 2^2\})$	14502592512
12	$\mathcal{O}(2; \{12^6, 6^2, 4^6, 3, 2^3\})$	7219445760
12	$\mathcal{O}(2; \{12^6, 6^2, 4^8, 3\})$	28877783040
12	$\mathcal{O}(2; \{12^6, 6^3, 3^2, 2^9\})$	452542464
12	$\mathcal{O}(2; \{12^6, 6^3, 3^5, 2^5\})$	3624321024
12	$\mathcal{O}(2; \{12^6, 6^3, 3^8, 2\})$	28990586880
12	$\mathcal{O}(2; \{12^6, 6^3, 4^2, 3^2, 2^6\})$	1810169856
12	$\mathcal{O}(2; \{12^6, 6^3, 4^2, 3^5, 2^2\})$	14497284096
12	$\mathcal{O}(2; \{12^6, 6^3, 4^4, 3^2, 2^3\})$	7240679424
12	$\mathcal{O}(2; \{12^6, 6^3, 4^6, 3^2\})$	28962717696
12	$\mathcal{O}(2; \{12^6, 6^4, 2^{10}\})$	226934784
12	$\mathcal{O}(2; \{12^6, 6^4, 3^3, 2^6\})$	1811496960
12	$\mathcal{O}(2; \{12^6, 6^4, 3^6, 2^2\})$	14495956992
12	$\mathcal{O}(2; \{12^6, 6^4, 4^2, 2^7\})$	907739136
12	$\mathcal{O}(2; \{12^6, 6^4, 4^2, 3^3, 2^3\})$	7245987840
12	$\mathcal{O}(2; \{12^6, 6^4, 4^4, 2^4\})$	3630956544
12	$\mathcal{O}(2; \{12^6, 6^4, 4^4, 3^3\})$	28983951360
12	$\mathcal{O}(2; \{12^6, 6^4, 4^6, 2\})$	14523826176
12	$\mathcal{O}(2; \{12^6, 6^5, 3, 2^7\})$	906412032
12	$\mathcal{O}(2; \{12^6, 6^5, 3^4, 2^3\})$	7247314944
12	$\mathcal{O}(2; \{12^6, 6^5, 4^2, 3, 2^4\})$	3625648128
12	$\mathcal{O}(2; \{12^6, 6^5, 4^2, 3^4\})$	28989259776
12	$\mathcal{O}(2; \{12^6, 6^5, 4^4, 3, 2\})$	14502592512
12	$\mathcal{O}(2; \{12^6, 6^6, 3^2, 2^4\})$	3624321024
12	$\mathcal{O}(2; \{12^6, 6^6, 3^5\})$	28990586880

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^6, 6^6, 4^2, 3^2, 2\})$	14497284096
12	$\mathcal{O}(2; \{12^6, 6^7, 2^5\})$	1811496960
12	$\mathcal{O}(2; \{12^6, 6^7, 3^3, 2\})$	14495956992
12	$\mathcal{O}(2; \{12^6, 6^7, 4^2, 2^2\})$	7245987840
12	$\mathcal{O}(2; \{12^6, 6^8, 3, 2^2\})$	7247314944
12	$\mathcal{O}(2; \{12^6, 6^{10}\})$	14495956992
12	$\mathcal{O}(2; \{12^7, 4, 3, 2^{12}\})$	228261888
12	$\mathcal{O}(2; \{12^7, 4, 3^4, 2^8\})$	1810169856
12	$\mathcal{O}(2; \{12^7, 4, 3^7, 2^4\})$	14497284096
12	$\mathcal{O}(2; \{12^7, 4, 3^{10}\})$	115962347520
12	$\mathcal{O}(2; \{12^7, 4^3, 3, 2^9\})$	913047552
12	$\mathcal{O}(2; \{12^7, 4^3, 3^4, 2^5\})$	7240679424
12	$\mathcal{O}(2; \{12^7, 4^3, 3^7, 2\})$	57989136384
12	$\mathcal{O}(2; \{12^7, 4^5, 3, 2^6\})$	3652190208
12	$\mathcal{O}(2; \{12^7, 4^5, 3^4, 2^2\})$	28962717696
12	$\mathcal{O}(2; \{12^7, 4^7, 3, 2^3\})$	14608760832
12	$\mathcal{O}(2; \{12^7, 4^9, 3\})$	58435043328
12	$\mathcal{O}(2; \{12^7, 6, 4, 3^2, 2^9\})$	907739136
12	$\mathcal{O}(2; \{12^7, 6, 4, 3^5, 2^5\})$	7245987840
12	$\mathcal{O}(2; \{12^7, 6, 4, 3^8, 2\})$	57983827968
12	$\mathcal{O}(2; \{12^7, 6, 4^3, 3^2, 2^6\})$	3630956544
12	$\mathcal{O}(2; \{12^7, 6, 4^3, 3^5, 2^2\})$	28983951360
12	$\mathcal{O}(2; \{12^7, 6, 4^5, 3^2, 2^3\})$	14523826176
12	$\mathcal{O}(2; \{12^7, 6, 4^7, 3^2\})$	58095304704
12	$\mathcal{O}(2; \{12^7, 6^2, 4, 2^{10}\})$	451215360
12	$\mathcal{O}(2; \{12^7, 6^2, 4, 3^3, 2^6\})$	3625648128
12	$\mathcal{O}(2; \{12^7, 6^2, 4, 3^6, 2^2\})$	28989259776
12	$\mathcal{O}(2; \{12^7, 6^2, 4^3, 2^7\})$	1804861440
12	$\mathcal{O}(2; \{12^7, 6^2, 4^3, 3^3, 2^3\})$	14502592512
12	$\mathcal{O}(2; \{12^7, 6^2, 4^5, 2^4\})$	7219445760
12	$\mathcal{O}(2; \{12^7, 6^2, 4^5, 3^3\})$	58010370048
12	$\mathcal{O}(2; \{12^7, 6^2, 4^7, 2\})$	28877783040
12	$\mathcal{O}(2; \{12^7, 6^3, 4, 3, 2^7\})$	1810169856
12	$\mathcal{O}(2; \{12^7, 6^3, 4, 3^4, 2^3\})$	14497284096
12	$\mathcal{O}(2; \{12^7, 6^3, 4^3, 3, 2^4\})$	7240679424
12	$\mathcal{O}(2; \{12^7, 6^3, 4^3, 3^4\})$	57989136384
12	$\mathcal{O}(2; \{12^7, 6^3, 4^5, 3, 2\})$	28962717696
12	$\mathcal{O}(2; \{12^7, 6^4, 4, 3^2, 2^4\})$	7245987840
12	$\mathcal{O}(2; \{12^7, 6^4, 4, 3^5\})$	57983827968
12	$\mathcal{O}(2; \{12^7, 6^4, 4^3, 3^2, 2\})$	28983951360
12	$\mathcal{O}(2; \{12^7, 6^5, 4, 2^5\})$	3625648128
12	$\mathcal{O}(2; \{12^7, 6^5, 4, 3^3, 2\})$	28989259776
12	$\mathcal{O}(2; \{12^7, 6^5, 4^3, 2^2\})$	14502592512

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^7, 6^6, 4, 3, 2^2\})$	14497284096
12	$\mathcal{O}(2; \{12^7, 6^8, 4\})$	28989259776
12	$\mathcal{O}(2; \{12^8, 2^{13}\})$	228261888
12	$\mathcal{O}(2; \{12^8, 3^3, 2^9\})$	1810169856
12	$\mathcal{O}(2; \{12^8, 3^6, 2^5\})$	14497284096
12	$\mathcal{O}(2; \{12^8, 3^9, 2\})$	115962347520
12	$\mathcal{O}(2; \{12^8, 4^2, 2^{10}\})$	913047552
12	$\mathcal{O}(2; \{12^8, 4^2, 3^3, 2^6\})$	7240679424
12	$\mathcal{O}(2; \{12^8, 4^2, 3^6, 2^2\})$	57989136384
12	$\mathcal{O}(2; \{12^8, 4^4, 2^7\})$	3652190208
12	$\mathcal{O}(2; \{12^8, 4^4, 3^3, 2^3\})$	28962717696
12	$\mathcal{O}(2; \{12^8, 4^6, 2^4\})$	14608760832
12	$\mathcal{O}(2; \{12^8, 4^6, 3^3\})$	115850870784
12	$\mathcal{O}(2; \{12^8, 4^8, 2\})$	58435043328
12	$\mathcal{O}(2; \{12^8, 6, 3, 2^{10}\})$	907739136
12	$\mathcal{O}(2; \{12^8, 6, 3^4, 2^6\})$	7245987840
12	$\mathcal{O}(2; \{12^8, 6, 3^7, 2^2\})$	57983827968
12	$\mathcal{O}(2; \{12^8, 6, 4^2, 3, 2^7\})$	3630956544
12	$\mathcal{O}(2; \{12^8, 6, 4^2, 3^4, 2^3\})$	28983951360
12	$\mathcal{O}(2; \{12^8, 6, 4^4, 3, 2^4\})$	14523826176
12	$\mathcal{O}(2; \{12^8, 6, 4^4, 3^4\})$	115935805440
12	$\mathcal{O}(2; \{12^8, 6, 4^6, 3, 2\})$	58095304704
12	$\mathcal{O}(2; \{12^8, 6^2, 3^2, 2^7\})$	3625648128
12	$\mathcal{O}(2; \{12^8, 6^2, 3^5, 2^3\})$	28989259776
12	$\mathcal{O}(2; \{12^8, 6^2, 4^2, 3^2, 2^4\})$	14502592512
12	$\mathcal{O}(2; \{12^8, 6^2, 4^2, 3^5\})$	115957039104
12	$\mathcal{O}(2; \{12^8, 6^2, 4^4, 3^2, 2\})$	58010370048
12	$\mathcal{O}(2; \{12^8, 6^3, 2^8\})$	1810169856
12	$\mathcal{O}(2; \{12^8, 6^3, 3^3, 2^4\})$	14497284096
12	$\mathcal{O}(2; \{12^8, 6^3, 3^6\})$	115962347520
12	$\mathcal{O}(2; \{12^8, 6^3, 4^2, 2^5\})$	7240679424
12	$\mathcal{O}(2; \{12^8, 6^3, 4^2, 3^3, 2\})$	57989136384
12	$\mathcal{O}(2; \{12^8, 6^3, 4^4, 2^2\})$	28962717696
12	$\mathcal{O}(2; \{12^8, 6^4, 3, 2^5\})$	7245987840
12	$\mathcal{O}(2; \{12^8, 6^4, 3^4, 2\})$	57983827968
12	$\mathcal{O}(2; \{12^8, 6^4, 4^2, 3, 2^2\})$	28983951360
12	$\mathcal{O}(2; \{12^8, 6^5, 3^2, 2^2\})$	28989259776
12	$\mathcal{O}(2; \{12^8, 6^6, 2^3\})$	14497284096
12	$\mathcal{O}(2; \{12^8, 6^6, 4^2\})$	57989136384
12	$\mathcal{O}(2; \{12^8, 6^7, 3\})$	57983827968
12	$\mathcal{O}(2; \{12^9, 4, 3^2, 2^7\})$	7240679424
12	$\mathcal{O}(2; \{12^9, 4, 3^5, 2^3\})$	57989136384
12	$\mathcal{O}(2; \{12^9, 4^3, 3^2, 2^4\})$	28962717696

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^9, 4^3, 3^5\})$	231956545536
12	$\mathcal{O}(2; \{12^9, 4^5, 3^2, 2\})$	115850870784
12	$\mathcal{O}(2; \{12^9, 6, 4, 2^8\})$	3630956544
12	$\mathcal{O}(2; \{12^9, 6, 4, 3^3, 2^4\})$	28983951360
12	$\mathcal{O}(2; \{12^9, 6, 4, 3^6\})$	231935311872
12	$\mathcal{O}(2; \{12^9, 6, 4^3, 2^5\})$	14523826176
12	$\mathcal{O}(2; \{12^9, 6, 4^3, 3^3, 2\})$	115935805440
12	$\mathcal{O}(2; \{12^9, 6, 4^5, 2^2\})$	58095304704
12	$\mathcal{O}(2; \{12^9, 6^2, 4, 3, 2^5\})$	14502592512
12	$\mathcal{O}(2; \{12^9, 6^2, 4, 3^4, 2\})$	115957039104
12	$\mathcal{O}(2; \{12^9, 6^2, 4^3, 3, 2^2\})$	58010370048
12	$\mathcal{O}(2; \{12^9, 6^3, 4, 3^2, 2^2\})$	57989136384
12	$\mathcal{O}(2; \{12^9, 6^4, 4, 2^3\})$	28983951360
12	$\mathcal{O}(2; \{12^9, 6^4, 4^3\})$	115935805440
12	$\mathcal{O}(2; \{12^9, 6^5, 4, 3\})$	115957039104
12	$\mathcal{O}(2; \{12^{10}, 3, 2^8\})$	7240679424
12	$\mathcal{O}(2; \{12^{10}, 3^4, 2^4\})$	57989136384
12	$\mathcal{O}(2; \{12^{10}, 3^7\})$	463849390080
12	$\mathcal{O}(2; \{12^{10}, 4^2, 3, 2^5\})$	28962717696
12	$\mathcal{O}(2; \{12^{10}, 4^2, 3^4, 2\})$	231956545536
12	$\mathcal{O}(2; \{12^{10}, 4^4, 3, 2^2\})$	115850870784
12	$\mathcal{O}(2; \{12^{10}, 6, 3^2, 2^5\})$	28983951360
12	$\mathcal{O}(2; \{12^{10}, 6, 3^5, 2\})$	231935311872
12	$\mathcal{O}(2; \{12^{10}, 6, 4^2, 3^2, 2^2\})$	115935805440
12	$\mathcal{O}(2; \{12^{10}, 6^2, 2^6\})$	14502592512
12	$\mathcal{O}(2; \{12^{10}, 6^2, 3^3, 2^2\})$	115957039104
12	$\mathcal{O}(2; \{12^{10}, 6^2, 4^2, 2^3\})$	58010370048
12	$\mathcal{O}(2; \{12^{10}, 6^2, 4^4\})$	232041480192
12	$\mathcal{O}(2; \{12^{10}, 6^3, 3, 2^3\})$	57989136384
12	$\mathcal{O}(2; \{12^{10}, 6^3, 4^2, 3\})$	231956545536
12	$\mathcal{O}(2; \{12^{10}, 6^4, 3^2\})$	231935311872
12	$\mathcal{O}(2; \{12^{10}, 6^5, 2\})$	115957039104
12	$\mathcal{O}(2; \{12^{11}, 4, 2^6\})$	28962717696
12	$\mathcal{O}(2; \{12^{11}, 4, 3^3, 2^2\})$	231956545536
12	$\mathcal{O}(2; \{12^{11}, 4^3, 2^3\})$	115850870784
12	$\mathcal{O}(2; \{12^{11}, 4^5\})$	463403483136
12	$\mathcal{O}(2; \{12^{11}, 6, 4, 3, 2^3\})$	115935805440
12	$\mathcal{O}(2; \{12^{11}, 6, 4^3, 3\})$	463743221760
12	$\mathcal{O}(2; \{12^{11}, 6^2, 4, 3^2\})$	463828156416
12	$\mathcal{O}(2; \{12^{11}, 6^3, 4, 2\})$	231956545536
12	$\mathcal{O}(2; \{12^{12}, 3^2, 2^3\})$	231956545536
12	$\mathcal{O}(2; \{12^{12}, 4^2, 3^2\})$	927826182144
12	$\mathcal{O}(2; \{12^{12}, 6, 2^4\})$	115935805440

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^{12}, 6, 3^3\})$	927741247488
12	$\mathcal{O}(2; \{12^{12}, 6, 4^2, 2\})$	463743221760
12	$\mathcal{O}(2; \{12^{12}, 6^2, 3, 2\})$	463828156416
12	$\mathcal{O}(2; \{12^{13}, 4, 3, 2\})$	927826182144
12	$\mathcal{O}(2; \{12^{14}, 2^2\})$	927826182144
12	$\mathcal{O}(1; \{4^2, 3^2, 2^{26}\})$	576
12	$\mathcal{O}(1; \{4^2, 3^5, 2^{22}\})$	2880
12	$\mathcal{O}(1; \{4^2, 3^8, 2^{18}\})$	24768
12	$\mathcal{O}(1; \{4^2, 3^{11}, 2^{14}\})$	196416
12	$\mathcal{O}(1; \{4^2, 3^{14}, 2^{10}\})$	1573056
12	$\mathcal{O}(1; \{4^2, 3^{17}, 2^6\})$	12582720
12	$\mathcal{O}(1; \{4^2, 3^{20}, 2^2\})$	100663488
12	$\mathcal{O}(1; \{4^4, 3^2, 2^{23}\})$	2304
12	$\mathcal{O}(1; \{4^4, 3^5, 2^{19}\})$	11520
12	$\mathcal{O}(1; \{4^4, 3^8, 2^{15}\})$	99072
12	$\mathcal{O}(1; \{4^4, 3^{11}, 2^{11}\})$	785664
12	$\mathcal{O}(1; \{4^4, 3^{14}, 2^7\})$	6292224
12	$\mathcal{O}(1; \{4^4, 3^{17}, 2^3\})$	50330880
12	$\mathcal{O}(1; \{4^6, 3^2, 2^{20}\})$	9216
12	$\mathcal{O}(1; \{4^6, 3^5, 2^{16}\})$	46080
12	$\mathcal{O}(1; \{4^6, 3^8, 2^{12}\})$	396288
12	$\mathcal{O}(1; \{4^6, 3^{11}, 2^8\})$	3142656
12	$\mathcal{O}(1; \{4^6, 3^{14}, 2^4\})$	25168896
12	$\mathcal{O}(1; \{4^6, 3^{17}\})$	201323520
12	$\mathcal{O}(1; \{4^8, 3^2, 2^{17}\})$	36864
12	$\mathcal{O}(1; \{4^8, 3^5, 2^{13}\})$	184320
12	$\mathcal{O}(1; \{4^8, 3^8, 2^9\})$	1585152
12	$\mathcal{O}(1; \{4^8, 3^{11}, 2^5\})$	12570624
12	$\mathcal{O}(1; \{4^8, 3^{14}, 2\})$	100675584
12	$\mathcal{O}(1; \{4^{10}, 3^2, 2^{14}\})$	147456
12	$\mathcal{O}(1; \{4^{10}, 3^5, 2^{10}\})$	737280
12	$\mathcal{O}(1; \{4^{10}, 3^8, 2^6\})$	6340608
12	$\mathcal{O}(1; \{4^{10}, 3^{11}, 2^2\})$	50282496
12	$\mathcal{O}(1; \{4^{12}, 3^2, 2^{11}\})$	589824
12	$\mathcal{O}(1; \{4^{12}, 3^5, 2^7\})$	2949120
12	$\mathcal{O}(1; \{4^{12}, 3^8, 2^3\})$	25362432
12	$\mathcal{O}(1; \{4^{14}, 3^2, 2^8\})$	2359296
12	$\mathcal{O}(1; \{4^{14}, 3^5, 2^4\})$	11796480
12	$\mathcal{O}(1; \{4^{14}, 3^8\})$	101449728
12	$\mathcal{O}(1; \{4^{16}, 3^2, 2^5\})$	9437184
12	$\mathcal{O}(1; \{4^{16}, 3^5, 2\})$	47185920
12	$\mathcal{O}(1; \{4^{18}, 3^2, 2^2\})$	37748736
12	$\mathcal{O}(1; \{6, 4^2, 3^3, 2^{23}\})$	1728

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6, 4^2, 3^6, 2^{19}\})$	12096
12	$\mathcal{O}(1; \{6, 4^2, 3^9, 2^{15}\})$	98496
12	$\mathcal{O}(1; \{6, 4^2, 3^{12}, 2^{11}\})$	786240
12	$\mathcal{O}(1; \{6, 4^2, 3^{15}, 2^7\})$	6291648
12	$\mathcal{O}(1; \{6, 4^2, 3^{18}, 2^3\})$	50331456
12	$\mathcal{O}(1; \{6, 4^4, 3^3, 2^{20}\})$	6912
12	$\mathcal{O}(1; \{6, 4^4, 3^6, 2^{16}\})$	48384
12	$\mathcal{O}(1; \{6, 4^4, 3^9, 2^{12}\})$	393984
12	$\mathcal{O}(1; \{6, 4^4, 3^{12}, 2^8\})$	3144960
12	$\mathcal{O}(1; \{6, 4^4, 3^{15}, 2^4\})$	25166592
12	$\mathcal{O}(1; \{6, 4^4, 3^{18}\})$	201325824
12	$\mathcal{O}(1; \{6, 4^6, 3^3, 2^{17}\})$	27648
12	$\mathcal{O}(1; \{6, 4^6, 3^6, 2^{13}\})$	193536
12	$\mathcal{O}(1; \{6, 4^6, 3^9, 2^9\})$	1575936
12	$\mathcal{O}(1; \{6, 4^6, 3^{12}, 2^5\})$	12579840
12	$\mathcal{O}(1; \{6, 4^6, 3^{15}, 2\})$	100666368
12	$\mathcal{O}(1; \{6, 4^8, 3^3, 2^{14}\})$	110592
12	$\mathcal{O}(1; \{6, 4^8, 3^6, 2^{10}\})$	774144
12	$\mathcal{O}(1; \{6, 4^8, 3^9, 2^6\})$	6303744
12	$\mathcal{O}(1; \{6, 4^8, 3^{12}, 2^2\})$	50319360
12	$\mathcal{O}(1; \{6, 4^{10}, 3^3, 2^{11}\})$	442368
12	$\mathcal{O}(1; \{6, 4^{10}, 3^6, 2^7\})$	3096576
12	$\mathcal{O}(1; \{6, 4^{10}, 3^9, 2^3\})$	25214976
12	$\mathcal{O}(1; \{6, 4^{12}, 3^3, 2^8\})$	1769472
12	$\mathcal{O}(1; \{6, 4^{12}, 3^6, 2^4\})$	12386304
12	$\mathcal{O}(1; \{6, 4^{12}, 3^9\})$	100859904
12	$\mathcal{O}(1; \{6, 4^{14}, 3^3, 2^5\})$	7077888
12	$\mathcal{O}(1; \{6, 4^{14}, 3^6, 2\})$	49545216
12	$\mathcal{O}(1; \{6, 4^{16}, 3^3, 2^2\})$	28311552
12	$\mathcal{O}(1; \{6^2, 4^2, 3, 2^{24}\})$	576
12	$\mathcal{O}(1; \{6^2, 4^2, 3^4, 2^{20}\})$	6336
12	$\mathcal{O}(1; \{6^2, 4^2, 3^7, 2^{16}\})$	48960
12	$\mathcal{O}(1; \{6^2, 4^2, 3^{10}, 2^{12}\})$	393408
12	$\mathcal{O}(1; \{6^2, 4^2, 3^{13}, 2^8\})$	3145536
12	$\mathcal{O}(1; \{6^2, 4^2, 3^{16}, 2^4\})$	25166016
12	$\mathcal{O}(1; \{6^2, 4^2, 3^{19}\})$	201326400
12	$\mathcal{O}(1; \{6^2, 4^4, 3, 2^{21}\})$	2304
12	$\mathcal{O}(1; \{6^2, 4^4, 3^4, 2^{17}\})$	25344
12	$\mathcal{O}(1; \{6^2, 4^4, 3^7, 2^{13}\})$	195840
12	$\mathcal{O}(1; \{6^2, 4^4, 3^{10}, 2^9\})$	1573632
12	$\mathcal{O}(1; \{6^2, 4^4, 3^{13}, 2^5\})$	12582144
12	$\mathcal{O}(1; \{6^2, 4^4, 3^{16}, 2\})$	100664064
12	$\mathcal{O}(1; \{6^2, 4^6, 3, 2^{18}\})$	9216

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^2, 4^6, 3^4, 2^{14}\})$	101376
12	$\mathcal{O}(1; \{6^2, 4^6, 3^7, 2^{10}\})$	783360
12	$\mathcal{O}(1; \{6^2, 4^6, 3^{10}, 2^6\})$	6294528
12	$\mathcal{O}(1; \{6^2, 4^6, 3^{13}, 2^2\})$	50328576
12	$\mathcal{O}(1; \{6^2, 4^8, 3, 2^{15}\})$	36864
12	$\mathcal{O}(1; \{6^2, 4^8, 3^4, 2^{11}\})$	405504
12	$\mathcal{O}(1; \{6^2, 4^8, 3^7, 2^7\})$	3133440
12	$\mathcal{O}(1; \{6^2, 4^8, 3^{10}, 2^3\})$	25178112
12	$\mathcal{O}(1; \{6^2, 4^{10}, 3, 2^{12}\})$	147456
12	$\mathcal{O}(1; \{6^2, 4^{10}, 3^4, 2^8\})$	1622016
12	$\mathcal{O}(1; \{6^2, 4^{10}, 3^7, 2^4\})$	12533760
12	$\mathcal{O}(1; \{6^2, 4^{10}, 3^{10}\})$	100712448
12	$\mathcal{O}(1; \{6^2, 4^{12}, 3, 2^9\})$	589824
12	$\mathcal{O}(1; \{6^2, 4^{12}, 3^4, 2^5\})$	6488064
12	$\mathcal{O}(1; \{6^2, 4^{12}, 3^7, 2\})$	50135040
12	$\mathcal{O}(1; \{6^2, 4^{14}, 3, 2^6\})$	2359296
12	$\mathcal{O}(1; \{6^2, 4^{14}, 3^4, 2^2\})$	25952256
12	$\mathcal{O}(1; \{6^2, 4^{16}, 3, 2^3\})$	9437184
12	$\mathcal{O}(1; \{6^2, 4^{18}, 3\})$	37748736
12	$\mathcal{O}(1; \{6^3, 4^2, 3^2, 2^{21}\})$	2880
12	$\mathcal{O}(1; \{6^3, 4^2, 3^5, 2^{17}\})$	24768
12	$\mathcal{O}(1; \{6^3, 4^2, 3^8, 2^{13}\})$	196416
12	$\mathcal{O}(1; \{6^3, 4^2, 3^{11}, 2^9\})$	1573056
12	$\mathcal{O}(1; \{6^3, 4^2, 3^{14}, 2^5\})$	12582720
12	$\mathcal{O}(1; \{6^3, 4^2, 3^{17}, 2\})$	100663488
12	$\mathcal{O}(1; \{6^3, 4^4, 3^2, 2^{18}\})$	11520
12	$\mathcal{O}(1; \{6^3, 4^4, 3^5, 2^{14}\})$	99072
12	$\mathcal{O}(1; \{6^3, 4^4, 3^8, 2^{10}\})$	785664
12	$\mathcal{O}(1; \{6^3, 4^4, 3^{11}, 2^6\})$	6292224
12	$\mathcal{O}(1; \{6^3, 4^4, 3^{14}, 2^2\})$	50330880
12	$\mathcal{O}(1; \{6^3, 4^6, 3^2, 2^{15}\})$	46080
12	$\mathcal{O}(1; \{6^3, 4^6, 3^5, 2^{11}\})$	396288
12	$\mathcal{O}(1; \{6^3, 4^6, 3^8, 2^7\})$	3142656
12	$\mathcal{O}(1; \{6^3, 4^6, 3^{11}, 2^3\})$	25168896
12	$\mathcal{O}(1; \{6^3, 4^8, 3^2, 2^{12}\})$	184320
12	$\mathcal{O}(1; \{6^3, 4^8, 3^5, 2^8\})$	1585152
12	$\mathcal{O}(1; \{6^3, 4^8, 3^8, 2^4\})$	12570624
12	$\mathcal{O}(1; \{6^3, 4^8, 3^{11}\})$	100675584
12	$\mathcal{O}(1; \{6^3, 4^{10}, 3^2, 2^9\})$	737280
12	$\mathcal{O}(1; \{6^3, 4^{10}, 3^5, 2^5\})$	6340608
12	$\mathcal{O}(1; \{6^3, 4^{10}, 3^8, 2\})$	50282496
12	$\mathcal{O}(1; \{6^3, 4^{12}, 3^2, 2^6\})$	2949120
12	$\mathcal{O}(1; \{6^3, 4^{12}, 3^5, 2^2\})$	25362432

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^3, 4^{14}, 3^2, 2^3\})$	11796480
12	$\mathcal{O}(1; \{6^3, 4^{16}, 3^2\})$	47185920
12	$\mathcal{O}(1; \{6^4, 4^2, 2^{22}\})$	1728
12	$\mathcal{O}(1; \{6^4, 4^2, 3^3, 2^{18}\})$	12096
12	$\mathcal{O}(1; \{6^4, 4^2, 3^6, 2^{14}\})$	98496
12	$\mathcal{O}(1; \{6^4, 4^2, 3^9, 2^{10}\})$	786240
12	$\mathcal{O}(1; \{6^4, 4^2, 3^{12}, 2^6\})$	6291648
12	$\mathcal{O}(1; \{6^4, 4^2, 3^{15}, 2^2\})$	50331456
12	$\mathcal{O}(1; \{6^4, 4^4, 2^{19}\})$	6912
12	$\mathcal{O}(1; \{6^4, 4^4, 3^3, 2^{15}\})$	48384
12	$\mathcal{O}(1; \{6^4, 4^4, 3^6, 2^{11}\})$	393984
12	$\mathcal{O}(1; \{6^4, 4^4, 3^9, 2^7\})$	3144960
12	$\mathcal{O}(1; \{6^4, 4^4, 3^{12}, 2^3\})$	25166592
12	$\mathcal{O}(1; \{6^4, 4^6, 2^{16}\})$	27648
12	$\mathcal{O}(1; \{6^4, 4^6, 3^3, 2^{12}\})$	193536
12	$\mathcal{O}(1; \{6^4, 4^6, 3^6, 2^8\})$	1575936
12	$\mathcal{O}(1; \{6^4, 4^6, 3^9, 2^4\})$	12579840
12	$\mathcal{O}(1; \{6^4, 4^6, 3^{12}\})$	100666368
12	$\mathcal{O}(1; \{6^4, 4^8, 2^{13}\})$	110592
12	$\mathcal{O}(1; \{6^4, 4^8, 3^3, 2^9\})$	774144
12	$\mathcal{O}(1; \{6^4, 4^8, 3^6, 2^5\})$	6303744
12	$\mathcal{O}(1; \{6^4, 4^8, 3^9, 2\})$	50319360
12	$\mathcal{O}(1; \{6^4, 4^{10}, 2^{10}\})$	442368
12	$\mathcal{O}(1; \{6^4, 4^{10}, 3^3, 2^6\})$	3096576
12	$\mathcal{O}(1; \{6^4, 4^{10}, 3^6, 2^2\})$	25214976
12	$\mathcal{O}(1; \{6^4, 4^{12}, 2^7\})$	1769472
12	$\mathcal{O}(1; \{6^4, 4^{12}, 3^3, 2^3\})$	12386304
12	$\mathcal{O}(1; \{6^4, 4^{14}, 2^4\})$	7077888
12	$\mathcal{O}(1; \{6^4, 4^{14}, 3^3\})$	49545216
12	$\mathcal{O}(1; \{6^4, 4^{16}, 2\})$	28311552
12	$\mathcal{O}(1; \{6^5, 4^2, 3, 2^{19}\})$	6336
12	$\mathcal{O}(1; \{6^5, 4^2, 3^4, 2^{15}\})$	48960
12	$\mathcal{O}(1; \{6^5, 4^2, 3^7, 2^{11}\})$	393408
12	$\mathcal{O}(1; \{6^5, 4^2, 3^{10}, 2^7\})$	3145536
12	$\mathcal{O}(1; \{6^5, 4^2, 3^{13}, 2^3\})$	25166016
12	$\mathcal{O}(1; \{6^5, 4^4, 3, 2^{16}\})$	25344
12	$\mathcal{O}(1; \{6^5, 4^4, 3^4, 2^{12}\})$	195840
12	$\mathcal{O}(1; \{6^5, 4^4, 3^7, 2^8\})$	1573632
12	$\mathcal{O}(1; \{6^5, 4^4, 3^{10}, 2^4\})$	12582144
12	$\mathcal{O}(1; \{6^5, 4^4, 3^{13}\})$	100664064
12	$\mathcal{O}(1; \{6^5, 4^6, 3, 2^{13}\})$	101376
12	$\mathcal{O}(1; \{6^5, 4^6, 3^4, 2^9\})$	783360
12	$\mathcal{O}(1; \{6^5, 4^6, 3^7, 2^5\})$	6294528

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^5, 4^6, 3^{10}, 2\})$	50328576
12	$\mathcal{O}(1; \{6^5, 4^8, 3, 2^{10}\})$	405504
12	$\mathcal{O}(1; \{6^5, 4^8, 3^4, 2^6\})$	3133440
12	$\mathcal{O}(1; \{6^5, 4^8, 3^7, 2^2\})$	25178112
12	$\mathcal{O}(1; \{6^5, 4^{10}, 3, 2^7\})$	1622016
12	$\mathcal{O}(1; \{6^5, 4^{10}, 3^4, 2^3\})$	12533760
12	$\mathcal{O}(1; \{6^5, 4^{12}, 3, 2^4\})$	6488064
12	$\mathcal{O}(1; \{6^5, 4^{12}, 3^4\})$	50135040
12	$\mathcal{O}(1; \{6^5, 4^{14}, 3, 2\})$	25952256
12	$\mathcal{O}(1; \{6^6, 4^2, 3^2, 2^{16}\})$	24768
12	$\mathcal{O}(1; \{6^6, 4^2, 3^5, 2^{12}\})$	196416
12	$\mathcal{O}(1; \{6^6, 4^2, 3^8, 2^8\})$	1573056
12	$\mathcal{O}(1; \{6^6, 4^2, 3^{11}, 2^4\})$	12582720
12	$\mathcal{O}(1; \{6^6, 4^2, 3^{14}\})$	100663488
12	$\mathcal{O}(1; \{6^6, 4^4, 3^2, 2^{13}\})$	99072
12	$\mathcal{O}(1; \{6^6, 4^4, 3^5, 2^9\})$	785664
12	$\mathcal{O}(1; \{6^6, 4^4, 3^8, 2^5\})$	6292224
12	$\mathcal{O}(1; \{6^6, 4^4, 3^{11}, 2\})$	50330880
12	$\mathcal{O}(1; \{6^6, 4^6, 3^2, 2^{10}\})$	396288
12	$\mathcal{O}(1; \{6^6, 4^6, 3^5, 2^6\})$	3142656
12	$\mathcal{O}(1; \{6^6, 4^6, 3^8, 2^2\})$	25168896
12	$\mathcal{O}(1; \{6^6, 4^8, 3^2, 2^7\})$	1585152
12	$\mathcal{O}(1; \{6^6, 4^8, 3^5, 2^3\})$	12570624
12	$\mathcal{O}(1; \{6^6, 4^{10}, 3^2, 2^4\})$	6340608
12	$\mathcal{O}(1; \{6^6, 4^{10}, 3^5\})$	50282496
12	$\mathcal{O}(1; \{6^6, 4^{12}, 3^2, 2\})$	25362432
12	$\mathcal{O}(1; \{6^7, 4^2, 2^{17}\})$	12096
12	$\mathcal{O}(1; \{6^7, 4^2, 3^3, 2^{13}\})$	98496
12	$\mathcal{O}(1; \{6^7, 4^2, 3^6, 2^9\})$	786240
12	$\mathcal{O}(1; \{6^7, 4^2, 3^9, 2^5\})$	6291648
12	$\mathcal{O}(1; \{6^7, 4^2, 3^{12}, 2\})$	50331456
12	$\mathcal{O}(1; \{6^7, 4^4, 2^{14}\})$	48384
12	$\mathcal{O}(1; \{6^7, 4^4, 3^3, 2^{10}\})$	393984
12	$\mathcal{O}(1; \{6^7, 4^4, 3^6, 2^6\})$	3144960
12	$\mathcal{O}(1; \{6^7, 4^4, 3^9, 2^2\})$	25166592
12	$\mathcal{O}(1; \{6^7, 4^6, 2^{11}\})$	193536
12	$\mathcal{O}(1; \{6^7, 4^6, 3^3, 2^7\})$	1575936
12	$\mathcal{O}(1; \{6^7, 4^6, 3^6, 2^3\})$	12579840
12	$\mathcal{O}(1; \{6^7, 4^8, 2^8\})$	774144
12	$\mathcal{O}(1; \{6^7, 4^8, 3^3, 2^4\})$	6303744
12	$\mathcal{O}(1; \{6^7, 4^8, 3^6\})$	50319360
12	$\mathcal{O}(1; \{6^7, 4^{10}, 2^5\})$	3096576
12	$\mathcal{O}(1; \{6^7, 4^{10}, 3^3, 2\})$	25214976

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^7, 4^{12}, 2^2\})$	12386304
12	$\mathcal{O}(1; \{6^8, 4^2, 3, 2^{14}\})$	48960
12	$\mathcal{O}(1; \{6^8, 4^2, 3^4, 2^{10}\})$	393408
12	$\mathcal{O}(1; \{6^8, 4^2, 3^7, 2^6\})$	3145536
12	$\mathcal{O}(1; \{6^8, 4^2, 3^{10}, 2^2\})$	25166016
12	$\mathcal{O}(1; \{6^8, 4^4, 3, 2^{11}\})$	195840
12	$\mathcal{O}(1; \{6^8, 4^4, 3^4, 2^7\})$	1573632
12	$\mathcal{O}(1; \{6^8, 4^4, 3^7, 2^3\})$	12582144
12	$\mathcal{O}(1; \{6^8, 4^6, 3, 2^8\})$	783360
12	$\mathcal{O}(1; \{6^8, 4^6, 3^4, 2^4\})$	6294528
12	$\mathcal{O}(1; \{6^8, 4^6, 3^7\})$	50328576
12	$\mathcal{O}(1; \{6^8, 4^8, 3, 2^5\})$	3133440
12	$\mathcal{O}(1; \{6^8, 4^8, 3^4, 2\})$	25178112
12	$\mathcal{O}(1; \{6^8, 4^{10}, 3, 2^2\})$	12533760
12	$\mathcal{O}(1; \{6^9, 4^2, 3^2, 2^{11}\})$	196416
12	$\mathcal{O}(1; \{6^9, 4^2, 3^5, 2^7\})$	1573056
12	$\mathcal{O}(1; \{6^9, 4^2, 3^8, 2^3\})$	12582720
12	$\mathcal{O}(1; \{6^9, 4^4, 3^2, 2^8\})$	785664
12	$\mathcal{O}(1; \{6^9, 4^4, 3^5, 2^4\})$	6292224
12	$\mathcal{O}(1; \{6^9, 4^4, 3^8\})$	50330880
12	$\mathcal{O}(1; \{6^9, 4^6, 3^2, 2^5\})$	3142656
12	$\mathcal{O}(1; \{6^9, 4^6, 3^5, 2\})$	25168896
12	$\mathcal{O}(1; \{6^9, 4^8, 3^2, 2^2\})$	12570624
12	$\mathcal{O}(1; \{6^{10}, 4^2, 2^{12}\})$	98496
12	$\mathcal{O}(1; \{6^{10}, 4^2, 3^3, 2^8\})$	786240
12	$\mathcal{O}(1; \{6^{10}, 4^2, 3^6, 2^4\})$	6291648
12	$\mathcal{O}(1; \{6^{10}, 4^2, 3^9\})$	50331456
12	$\mathcal{O}(1; \{6^{10}, 4^4, 2^9\})$	393984
12	$\mathcal{O}(1; \{6^{10}, 4^4, 3^3, 2^5\})$	3144960
12	$\mathcal{O}(1; \{6^{10}, 4^4, 3^6, 2\})$	25166592
12	$\mathcal{O}(1; \{6^{10}, 4^6, 2^6\})$	1575936
12	$\mathcal{O}(1; \{6^{10}, 4^6, 3^3, 2^2\})$	12579840
12	$\mathcal{O}(1; \{6^{10}, 4^8, 2^3\})$	6303744
12	$\mathcal{O}(1; \{6^{10}, 4^{10}\})$	25214976
12	$\mathcal{O}(1; \{6^{11}, 4^2, 3, 2^9\})$	393408
12	$\mathcal{O}(1; \{6^{11}, 4^2, 3^4, 2^5\})$	3145536
12	$\mathcal{O}(1; \{6^{11}, 4^2, 3^7, 2\})$	25166016
12	$\mathcal{O}(1; \{6^{11}, 4^4, 3, 2^6\})$	1573632
12	$\mathcal{O}(1; \{6^{11}, 4^4, 3^4, 2^2\})$	12582144
12	$\mathcal{O}(1; \{6^{11}, 4^6, 3, 2^3\})$	6294528
12	$\mathcal{O}(1; \{6^{11}, 4^8, 3\})$	25178112
12	$\mathcal{O}(1; \{6^{12}, 4^2, 3^2, 2^6\})$	1573056
12	$\mathcal{O}(1; \{6^{12}, 4^2, 3^5, 2^2\})$	12582720

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^{12}, 4^4, 3^2, 2^3\})$	6292224
12	$\mathcal{O}(1; \{6^{12}, 4^6, 3^2\})$	25168896
12	$\mathcal{O}(1; \{6^{13}, 4^2, 2^7\})$	786240
12	$\mathcal{O}(1; \{6^{13}, 4^2, 3^3, 2^3\})$	6291648
12	$\mathcal{O}(1; \{6^{13}, 4^4, 2^4\})$	3144960
12	$\mathcal{O}(1; \{6^{13}, 4^4, 3^3\})$	25166592
12	$\mathcal{O}(1; \{6^{13}, 4^6, 2\})$	12579840
12	$\mathcal{O}(1; \{6^{14}, 4^2, 3, 2^4\})$	3145536
12	$\mathcal{O}(1; \{6^{14}, 4^2, 3^4\})$	25166016
12	$\mathcal{O}(1; \{6^{14}, 4^4, 3, 2\})$	12582144
12	$\mathcal{O}(1; \{6^{15}, 4^2, 3^2, 2\})$	12582720
12	$\mathcal{O}(1; \{6^{16}, 4^2, 2^2\})$	6291648
12	$\mathcal{O}(1; \{12, 4, 3, 2^{27}\})$	576
12	$\mathcal{O}(1; \{12, 4, 3^4, 2^{23}\})$	2880
12	$\mathcal{O}(1; \{12, 4, 3^7, 2^{19}\})$	24768
12	$\mathcal{O}(1; \{12, 4, 3^{10}, 2^{15}\})$	196416
12	$\mathcal{O}(1; \{12, 4, 3^{13}, 2^{11}\})$	1573056
12	$\mathcal{O}(1; \{12, 4, 3^{16}, 2^7\})$	12582720
12	$\mathcal{O}(1; \{12, 4, 3^{19}, 2^3\})$	100663488
12	$\mathcal{O}(1; \{12, 4^3, 3, 2^{24}\})$	2304
12	$\mathcal{O}(1; \{12, 4^3, 3^4, 2^{20}\})$	11520
12	$\mathcal{O}(1; \{12, 4^3, 3^7, 2^{16}\})$	99072
12	$\mathcal{O}(1; \{12, 4^3, 3^{10}, 2^{12}\})$	785664
12	$\mathcal{O}(1; \{12, 4^3, 3^{13}, 2^8\})$	6292224
12	$\mathcal{O}(1; \{12, 4^3, 3^{16}, 2^4\})$	50330880
12	$\mathcal{O}(1; \{12, 4^3, 3^{19}\})$	402653952
12	$\mathcal{O}(1; \{12, 4^5, 3, 2^{21}\})$	9216
12	$\mathcal{O}(1; \{12, 4^5, 3^4, 2^{17}\})$	46080
12	$\mathcal{O}(1; \{12, 4^5, 3^7, 2^{13}\})$	396288
12	$\mathcal{O}(1; \{12, 4^5, 3^{10}, 2^9\})$	3142656
12	$\mathcal{O}(1; \{12, 4^5, 3^{13}, 2^5\})$	25168896
12	$\mathcal{O}(1; \{12, 4^5, 3^{16}, 2\})$	201323520
12	$\mathcal{O}(1; \{12, 4^7, 3, 2^{18}\})$	36864
12	$\mathcal{O}(1; \{12, 4^7, 3^4, 2^{14}\})$	184320
12	$\mathcal{O}(1; \{12, 4^7, 3^7, 2^{10}\})$	1585152
12	$\mathcal{O}(1; \{12, 4^7, 3^{10}, 2^6\})$	12570624
12	$\mathcal{O}(1; \{12, 4^7, 3^{13}, 2^2\})$	100675584
12	$\mathcal{O}(1; \{12, 4^9, 3, 2^{15}\})$	147456
12	$\mathcal{O}(1; \{12, 4^9, 3^4, 2^{11}\})$	737280
12	$\mathcal{O}(1; \{12, 4^9, 3^7, 2^7\})$	6340608
12	$\mathcal{O}(1; \{12, 4^9, 3^{10}, 2^3\})$	50282496
12	$\mathcal{O}(1; \{12, 4^{11}, 3, 2^{12}\})$	589824
12	$\mathcal{O}(1; \{12, 4^{11}, 3^4, 2^8\})$	2949120

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 4^{11}, 3^7, 2^4\})$	25362432
12	$\mathcal{O}(1; \{12, 4^{11}, 3^{10}\})$	201129984
12	$\mathcal{O}(1; \{12, 4^{13}, 3, 2^9\})$	2359296
12	$\mathcal{O}(1; \{12, 4^{13}, 3^4, 2^5\})$	11796480
12	$\mathcal{O}(1; \{12, 4^{13}, 3^7, 2\})$	101449728
12	$\mathcal{O}(1; \{12, 4^{15}, 3, 2^6\})$	9437184
12	$\mathcal{O}(1; \{12, 4^{15}, 3^4, 2^2\})$	47185920
12	$\mathcal{O}(1; \{12, 4^{17}, 3, 2^3\})$	37748736
12	$\mathcal{O}(1; \{12, 4^{19}, 3\})$	150994944
12	$\mathcal{O}(1; \{12, 6, 4, 3^2, 2^{24}\})$	1728
12	$\mathcal{O}(1; \{12, 6, 4, 3^5, 2^{20}\})$	12096
12	$\mathcal{O}(1; \{12, 6, 4, 3^8, 2^{16}\})$	98496
12	$\mathcal{O}(1; \{12, 6, 4, 3^{11}, 2^{12}\})$	786240
12	$\mathcal{O}(1; \{12, 6, 4, 3^{14}, 2^8\})$	6291648
12	$\mathcal{O}(1; \{12, 6, 4, 3^{17}, 2^4\})$	50331456
12	$\mathcal{O}(1; \{12, 6, 4, 3^{20}\})$	402653376
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^2, 2^{21}\})$	6912
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^5, 2^{17}\})$	48384
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^8, 2^{13}\})$	393984
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^{11}, 2^9\})$	3144960
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^{14}, 2^5\})$	25166592
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^{17}, 2\})$	201325824
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^2, 2^{18}\})$	27648
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^5, 2^{14}\})$	193536
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^8, 2^{10}\})$	1575936
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^{11}, 2^6\})$	12579840
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^{14}, 2^2\})$	100666368
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^2, 2^{15}\})$	110592
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^5, 2^{11}\})$	774144
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^8, 2^7\})$	6303744
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^{11}, 2^3\})$	50319360
12	$\mathcal{O}(1; \{12, 6, 4^9, 3^2, 2^{12}\})$	442368
12	$\mathcal{O}(1; \{12, 6, 4^9, 3^5, 2^8\})$	3096576
12	$\mathcal{O}(1; \{12, 6, 4^9, 3^8, 2^4\})$	25214976
12	$\mathcal{O}(1; \{12, 6, 4^9, 3^{11}\})$	201277440
12	$\mathcal{O}(1; \{12, 6, 4^{11}, 3^2, 2^9\})$	1769472
12	$\mathcal{O}(1; \{12, 6, 4^{11}, 3^5, 2^5\})$	12386304
12	$\mathcal{O}(1; \{12, 6, 4^{11}, 3^8, 2\})$	100859904
12	$\mathcal{O}(1; \{12, 6, 4^{13}, 3^2, 2^6\})$	7077888
12	$\mathcal{O}(1; \{12, 6, 4^{13}, 3^5, 2^2\})$	49545216
12	$\mathcal{O}(1; \{12, 6, 4^{15}, 3^2, 2^3\})$	28311552
12	$\mathcal{O}(1; \{12, 6, 4^{17}, 3^2\})$	113246208
12	$\mathcal{O}(1; \{12, 6^2, 4, 2^{25}\})$	576

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^3, 2^{21}\})$	6336
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^6, 2^{17}\})$	48960
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^9, 2^{13}\})$	393408
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^{12}, 2^9\})$	3145536
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^{15}, 2^5\})$	25166016
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^{18}, 2\})$	201326400
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 2^{22}\})$	2304
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^3, 2^{18}\})$	25344
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^6, 2^{14}\})$	195840
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^9, 2^{10}\})$	1573632
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^{12}, 2^6\})$	12582144
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^{15}, 2^2\})$	100664064
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 2^{19}\})$	9216
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^3, 2^{15}\})$	101376
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^6, 2^{11}\})$	783360
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^9, 2^7\})$	6294528
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^{12}, 2^3\})$	50328576
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 2^{16}\})$	36864
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^3, 2^{12}\})$	405504
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^6, 2^8\})$	3133440
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^9, 2^4\})$	25178112
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^{12}\})$	201314304
12	$\mathcal{O}(1; \{12, 6^2, 4^9, 2^{13}\})$	147456
12	$\mathcal{O}(1; \{12, 6^2, 4^9, 3^3, 2^9\})$	1622016
12	$\mathcal{O}(1; \{12, 6^2, 4^9, 3^6, 2^5\})$	12533760
12	$\mathcal{O}(1; \{12, 6^2, 4^9, 3^9, 2\})$	100712448
12	$\mathcal{O}(1; \{12, 6^2, 4^{11}, 2^{10}\})$	589824
12	$\mathcal{O}(1; \{12, 6^2, 4^{11}, 3^3, 2^6\})$	6488064
12	$\mathcal{O}(1; \{12, 6^2, 4^{11}, 3^6, 2^2\})$	50135040
12	$\mathcal{O}(1; \{12, 6^2, 4^{13}, 2^7\})$	2359296
12	$\mathcal{O}(1; \{12, 6^2, 4^{13}, 3^3, 2^3\})$	25952256
12	$\mathcal{O}(1; \{12, 6^2, 4^{15}, 2^4\})$	9437184
12	$\mathcal{O}(1; \{12, 6^2, 4^{15}, 3^3\})$	103809024
12	$\mathcal{O}(1; \{12, 6^2, 4^{17}, 2\})$	37748736
12	$\mathcal{O}(1; \{12, 6^3, 4, 3, 2^{22}\})$	2880
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^4, 2^{18}\})$	24768
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^7, 2^{14}\})$	196416
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^{10}, 2^{10}\})$	1573056
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^{13}, 2^6\})$	12582720
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^{16}, 2^2\})$	100663488
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3, 2^{19}\})$	11520
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^4, 2^{15}\})$	99072
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^7, 2^{11}\})$	785664

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^{10}, 2^7\})$	6292224
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^{13}, 2^3\})$	50330880
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3, 2^{16}\})$	46080
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^4, 2^{12}\})$	396288
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^7, 2^8\})$	3142656
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^{10}, 2^4\})$	25168896
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^{13}\})$	201323520
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 3, 2^{13}\})$	184320
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 3^4, 2^9\})$	1585152
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 3^7, 2^5\})$	12570624
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 3^{10}, 2\})$	100675584
12	$\mathcal{O}(1; \{12, 6^3, 4^9, 3, 2^{10}\})$	737280
12	$\mathcal{O}(1; \{12, 6^3, 4^9, 3^4, 2^6\})$	6340608
12	$\mathcal{O}(1; \{12, 6^3, 4^9, 3^7, 2^2\})$	50282496
12	$\mathcal{O}(1; \{12, 6^3, 4^{11}, 3, 2^7\})$	2949120
12	$\mathcal{O}(1; \{12, 6^3, 4^{11}, 3^4, 2^3\})$	25362432
12	$\mathcal{O}(1; \{12, 6^3, 4^{13}, 3, 2^4\})$	11796480
12	$\mathcal{O}(1; \{12, 6^3, 4^{13}, 3^4\})$	101449728
12	$\mathcal{O}(1; \{12, 6^3, 4^{15}, 3, 2\})$	47185920
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^2, 2^{19}\})$	12096
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^5, 2^{15}\})$	98496
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^8, 2^{11}\})$	786240
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^{11}, 2^7\})$	6291648
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^{14}, 2^3\})$	50331456
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^2, 2^{16}\})$	48384
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^5, 2^{12}\})$	393984
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^8, 2^8\})$	3144960
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^{11}, 2^4\})$	25166592
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^{14}\})$	201325824
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3^2, 2^{13}\})$	193536
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3^5, 2^9\})$	1575936
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3^8, 2^5\})$	12579840
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3^{11}, 2\})$	100666368
12	$\mathcal{O}(1; \{12, 6^4, 4^7, 3^2, 2^{10}\})$	774144
12	$\mathcal{O}(1; \{12, 6^4, 4^7, 3^5, 2^6\})$	6303744
12	$\mathcal{O}(1; \{12, 6^4, 4^7, 3^8, 2^2\})$	50319360
12	$\mathcal{O}(1; \{12, 6^4, 4^9, 3^2, 2^7\})$	3096576
12	$\mathcal{O}(1; \{12, 6^4, 4^9, 3^5, 2^3\})$	25214976
12	$\mathcal{O}(1; \{12, 6^4, 4^{11}, 3^2, 2^4\})$	12386304
12	$\mathcal{O}(1; \{12, 6^4, 4^{11}, 3^5\})$	100859904
12	$\mathcal{O}(1; \{12, 6^4, 4^{13}, 3^2, 2\})$	49545216
12	$\mathcal{O}(1; \{12, 6^5, 4, 2^{20}\})$	6336
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^3, 2^{16}\})$	48960

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^6, 2^{12}\})$	393408
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^9, 2^8\})$	3145536
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^{12}, 2^4\})$	25166016
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^{15}\})$	201326400
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 2^{17}\})$	25344
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^3, 2^{13}\})$	195840
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^6, 2^9\})$	1573632
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^9, 2^5\})$	12582144
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^{12}, 2\})$	100664064
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 2^{14}\})$	101376
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 3^3, 2^{10}\})$	783360
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 3^6, 2^6\})$	6294528
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 3^9, 2^2\})$	50328576
12	$\mathcal{O}(1; \{12, 6^5, 4^7, 2^{11}\})$	405504
12	$\mathcal{O}(1; \{12, 6^5, 4^7, 3^3, 2^7\})$	3133440
12	$\mathcal{O}(1; \{12, 6^5, 4^7, 3^6, 2^3\})$	25178112
12	$\mathcal{O}(1; \{12, 6^5, 4^9, 2^8\})$	1622016
12	$\mathcal{O}(1; \{12, 6^5, 4^9, 3^3, 2^4\})$	12533760
12	$\mathcal{O}(1; \{12, 6^5, 4^9, 3^6\})$	100712448
12	$\mathcal{O}(1; \{12, 6^5, 4^{11}, 2^5\})$	6488064
12	$\mathcal{O}(1; \{12, 6^5, 4^{11}, 3^3, 2\})$	50135040
12	$\mathcal{O}(1; \{12, 6^5, 4^{13}, 2^2\})$	25952256
12	$\mathcal{O}(1; \{12, 6^6, 4, 3, 2^{17}\})$	24768
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^4, 2^{13}\})$	196416
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^7, 2^9\})$	1573056
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^{10}, 2^5\})$	12582720
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^{13}, 2\})$	100663488
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3, 2^{14}\})$	99072
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3^4, 2^{10}\})$	785664
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3^7, 2^6\})$	6292224
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3^{10}, 2^2\})$	50330880
12	$\mathcal{O}(1; \{12, 6^6, 4^5, 3, 2^{11}\})$	396288
12	$\mathcal{O}(1; \{12, 6^6, 4^5, 3^4, 2^7\})$	3142656
12	$\mathcal{O}(1; \{12, 6^6, 4^5, 3^7, 2^3\})$	25168896
12	$\mathcal{O}(1; \{12, 6^6, 4^7, 3, 2^8\})$	1585152
12	$\mathcal{O}(1; \{12, 6^6, 4^7, 3^4, 2^4\})$	12570624
12	$\mathcal{O}(1; \{12, 6^6, 4^7, 3^7\})$	100675584
12	$\mathcal{O}(1; \{12, 6^6, 4^9, 3, 2^5\})$	6340608
12	$\mathcal{O}(1; \{12, 6^6, 4^9, 3^4, 2\})$	50282496
12	$\mathcal{O}(1; \{12, 6^6, 4^{11}, 3, 2^2\})$	25362432
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^2, 2^{14}\})$	98496
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^5, 2^{10}\})$	786240
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^8, 2^6\})$	6291648

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^{11}, 2^2\})$	50331456
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 3^2, 2^{11}\})$	393984
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 3^5, 2^7\})$	3144960
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 3^8, 2^3\})$	25166592
12	$\mathcal{O}(1; \{12, 6^7, 4^5, 3^2, 2^8\})$	1575936
12	$\mathcal{O}(1; \{12, 6^7, 4^5, 3^5, 2^4\})$	12579840
12	$\mathcal{O}(1; \{12, 6^7, 4^5, 3^8\})$	100666368
12	$\mathcal{O}(1; \{12, 6^7, 4^7, 3^2, 2^5\})$	6303744
12	$\mathcal{O}(1; \{12, 6^7, 4^7, 3^5, 2\})$	50319360
12	$\mathcal{O}(1; \{12, 6^7, 4^9, 3^2, 2^2\})$	25214976
12	$\mathcal{O}(1; \{12, 6^8, 4, 2^{15}\})$	48960
12	$\mathcal{O}(1; \{12, 6^8, 4, 3^3, 2^{11}\})$	393408
12	$\mathcal{O}(1; \{12, 6^8, 4, 3^6, 2^7\})$	3145536
12	$\mathcal{O}(1; \{12, 6^8, 4, 3^9, 2^3\})$	25166016
12	$\mathcal{O}(1; \{12, 6^8, 4^3, 2^{12}\})$	195840
12	$\mathcal{O}(1; \{12, 6^8, 4^3, 3^3, 2^8\})$	1573632
12	$\mathcal{O}(1; \{12, 6^8, 4^3, 3^6, 2^4\})$	12582144
12	$\mathcal{O}(1; \{12, 6^8, 4^3, 3^9\})$	100664064
12	$\mathcal{O}(1; \{12, 6^8, 4^5, 2^9\})$	783360
12	$\mathcal{O}(1; \{12, 6^8, 4^5, 3^3, 2^5\})$	6294528
12	$\mathcal{O}(1; \{12, 6^8, 4^5, 3^6, 2\})$	50328576
12	$\mathcal{O}(1; \{12, 6^8, 4^7, 2^6\})$	3133440
12	$\mathcal{O}(1; \{12, 6^8, 4^7, 3^3, 2^2\})$	25178112
12	$\mathcal{O}(1; \{12, 6^8, 4^9, 2^3\})$	12533760
12	$\mathcal{O}(1; \{12, 6^8, 4^{11}\})$	50135040
12	$\mathcal{O}(1; \{12, 6^9, 4, 3, 2^{12}\})$	196416
12	$\mathcal{O}(1; \{12, 6^9, 4, 3^4, 2^8\})$	1573056
12	$\mathcal{O}(1; \{12, 6^9, 4, 3^7, 2^4\})$	12582720
12	$\mathcal{O}(1; \{12, 6^9, 4, 3^{10}\})$	100663488
12	$\mathcal{O}(1; \{12, 6^9, 4^3, 3, 2^9\})$	785664
12	$\mathcal{O}(1; \{12, 6^9, 4^3, 3^4, 2^5\})$	6292224
12	$\mathcal{O}(1; \{12, 6^9, 4^3, 3^7, 2\})$	50330880
12	$\mathcal{O}(1; \{12, 6^9, 4^5, 3, 2^6\})$	3142656
12	$\mathcal{O}(1; \{12, 6^9, 4^5, 3^4, 2^2\})$	25168896
12	$\mathcal{O}(1; \{12, 6^9, 4^7, 3, 2^3\})$	12570624
12	$\mathcal{O}(1; \{12, 6^9, 4^9, 3\})$	50282496
12	$\mathcal{O}(1; \{12, 6^{10}, 4, 3^2, 2^9\})$	786240
12	$\mathcal{O}(1; \{12, 6^{10}, 4, 3^5, 2^5\})$	6291648
12	$\mathcal{O}(1; \{12, 6^{10}, 4, 3^8, 2\})$	50331456
12	$\mathcal{O}(1; \{12, 6^{10}, 4^3, 3^2, 2^6\})$	3144960
12	$\mathcal{O}(1; \{12, 6^{10}, 4^3, 3^5, 2^2\})$	25166592
12	$\mathcal{O}(1; \{12, 6^{10}, 4^5, 3^2, 2^3\})$	12579840
12	$\mathcal{O}(1; \{12, 6^{10}, 4^7, 3^2\})$	50319360

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^{11}, 4, 2^{10}\})$	393408
12	$\mathcal{O}(1; \{12, 6^{11}, 4, 3^3, 2^6\})$	3145536
12	$\mathcal{O}(1; \{12, 6^{11}, 4, 3^6, 2^2\})$	25166016
12	$\mathcal{O}(1; \{12, 6^{11}, 4^3, 2^7\})$	1573632
12	$\mathcal{O}(1; \{12, 6^{11}, 4^3, 3^3, 2^3\})$	12582144
12	$\mathcal{O}(1; \{12, 6^{11}, 4^5, 2^4\})$	6294528
12	$\mathcal{O}(1; \{12, 6^{11}, 4^5, 3^3\})$	50328576
12	$\mathcal{O}(1; \{12, 6^{11}, 4^7, 2\})$	25178112
12	$\mathcal{O}(1; \{12, 6^{12}, 4, 3, 2^7\})$	1573056
12	$\mathcal{O}(1; \{12, 6^{12}, 4, 3^4, 2^3\})$	12582720
12	$\mathcal{O}(1; \{12, 6^{12}, 4^3, 3, 2^4\})$	6292224
12	$\mathcal{O}(1; \{12, 6^{12}, 4^3, 3^4\})$	50330880
12	$\mathcal{O}(1; \{12, 6^{12}, 4^5, 3, 2\})$	25168896
12	$\mathcal{O}(1; \{12, 6^{13}, 4, 3^2, 2^4\})$	6291648
12	$\mathcal{O}(1; \{12, 6^{13}, 4, 3^5\})$	50331456
12	$\mathcal{O}(1; \{12, 6^{13}, 4^3, 3^2, 2\})$	25166592
12	$\mathcal{O}(1; \{12, 6^{14}, 4, 2^5\})$	3145536
12	$\mathcal{O}(1; \{12, 6^{14}, 4, 3^3, 2\})$	25166016
12	$\mathcal{O}(1; \{12, 6^{14}, 4^3, 2^2\})$	12582144
12	$\mathcal{O}(1; \{12, 6^{15}, 4, 3, 2^2\})$	12582720
12	$\mathcal{O}(1; \{12, 6^{17}, 4\})$	25166016
12	$\mathcal{O}(1; \{12^2, 2^{28}\})$	576
12	$\mathcal{O}(1; \{12^2, 3^3, 2^{24}\})$	2880
12	$\mathcal{O}(1; \{12^2, 3^6, 2^{20}\})$	24768
12	$\mathcal{O}(1; \{12^2, 3^9, 2^{16}\})$	196416
12	$\mathcal{O}(1; \{12^2, 3^{12}, 2^{12}\})$	1573056
12	$\mathcal{O}(1; \{12^2, 3^{15}, 2^8\})$	12582720
12	$\mathcal{O}(1; \{12^2, 3^{18}, 2^4\})$	100663488
12	$\mathcal{O}(1; \{12^2, 3^{21}\})$	805306176
12	$\mathcal{O}(1; \{12^2, 4^2, 2^{25}\})$	2304
12	$\mathcal{O}(1; \{12^2, 4^2, 3^3, 2^{21}\})$	11520
12	$\mathcal{O}(1; \{12^2, 4^2, 3^6, 2^{17}\})$	99072
12	$\mathcal{O}(1; \{12^2, 4^2, 3^9, 2^{13}\})$	785664
12	$\mathcal{O}(1; \{12^2, 4^2, 3^{12}, 2^9\})$	6292224
12	$\mathcal{O}(1; \{12^2, 4^2, 3^{15}, 2^5\})$	50330880
12	$\mathcal{O}(1; \{12^2, 4^2, 3^{18}, 2\})$	402653952
12	$\mathcal{O}(1; \{12^2, 4^4, 2^{22}\})$	9216
12	$\mathcal{O}(1; \{12^2, 4^4, 3^3, 2^{18}\})$	46080
12	$\mathcal{O}(1; \{12^2, 4^4, 3^6, 2^{14}\})$	396288
12	$\mathcal{O}(1; \{12^2, 4^4, 3^9, 2^{10}\})$	3142656
12	$\mathcal{O}(1; \{12^2, 4^4, 3^{12}, 2^6\})$	25168896
12	$\mathcal{O}(1; \{12^2, 4^4, 3^{15}, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12^2, 4^6, 2^{19}\})$	36864

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 4^6, 3^3, 2^{15}\})$	184320
12	$\mathcal{O}(1; \{12^2, 4^6, 3^6, 2^{11}\})$	1585152
12	$\mathcal{O}(1; \{12^2, 4^6, 3^9, 2^7\})$	12570624
12	$\mathcal{O}(1; \{12^2, 4^6, 3^{12}, 2^3\})$	100675584
12	$\mathcal{O}(1; \{12^2, 4^8, 2^{16}\})$	147456
12	$\mathcal{O}(1; \{12^2, 4^8, 3^3, 2^{12}\})$	737280
12	$\mathcal{O}(1; \{12^2, 4^8, 3^6, 2^8\})$	6340608
12	$\mathcal{O}(1; \{12^2, 4^8, 3^9, 2^4\})$	50282496
12	$\mathcal{O}(1; \{12^2, 4^8, 3^{12}\})$	402702336
12	$\mathcal{O}(1; \{12^2, 4^{10}, 2^{13}\})$	589824
12	$\mathcal{O}(1; \{12^2, 4^{10}, 3^3, 2^9\})$	2949120
12	$\mathcal{O}(1; \{12^2, 4^{10}, 3^6, 2^5\})$	25362432
12	$\mathcal{O}(1; \{12^2, 4^{10}, 3^9, 2\})$	201129984
12	$\mathcal{O}(1; \{12^2, 4^{12}, 2^{10}\})$	2359296
12	$\mathcal{O}(1; \{12^2, 4^{12}, 3^3, 2^6\})$	11796480
12	$\mathcal{O}(1; \{12^2, 4^{12}, 3^6, 2^2\})$	101449728
12	$\mathcal{O}(1; \{12^2, 4^{14}, 2^7\})$	9437184
12	$\mathcal{O}(1; \{12^2, 4^{14}, 3^3, 2^3\})$	47185920
12	$\mathcal{O}(1; \{12^2, 4^{16}, 2^4\})$	37748736
12	$\mathcal{O}(1; \{12^2, 4^{16}, 3^3\})$	188743680
12	$\mathcal{O}(1; \{12^2, 4^{18}, 2\})$	150994944
12	$\mathcal{O}(1; \{12^2, 6, 3, 2^{25}\})$	1728
12	$\mathcal{O}(1; \{12^2, 6, 3^4, 2^{21}\})$	12096
12	$\mathcal{O}(1; \{12^2, 6, 3^7, 2^{17}\})$	98496
12	$\mathcal{O}(1; \{12^2, 6, 3^{10}, 2^{13}\})$	786240
12	$\mathcal{O}(1; \{12^2, 6, 3^{13}, 2^9\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6, 3^{16}, 2^5\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6, 3^{19}, 2\})$	402653376
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3, 2^{22}\})$	6912
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^4, 2^{18}\})$	48384
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^7, 2^{14}\})$	393984
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^{10}, 2^{10}\})$	3144960
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^{13}, 2^6\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^{16}, 2^2\})$	201325824
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3, 2^{19}\})$	27648
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^4, 2^{15}\})$	193536
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^7, 2^{11}\})$	1575936
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^{10}, 2^7\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^{13}, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3, 2^{16}\})$	110592
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^4, 2^{12}\})$	774144
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^7, 2^8\})$	6303744
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^{10}, 2^4\})$	50319360

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^{13}\})$	402665472
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 3, 2^{13}\})$	442368
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 3^4, 2^9\})$	3096576
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 3^7, 2^5\})$	25214976
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 3^{10}, 2\})$	201277440
12	$\mathcal{O}(1; \{12^2, 6, 4^{10}, 3, 2^{10}\})$	1769472
12	$\mathcal{O}(1; \{12^2, 6, 4^{10}, 3^4, 2^6\})$	12386304
12	$\mathcal{O}(1; \{12^2, 6, 4^{10}, 3^7, 2^2\})$	100859904
12	$\mathcal{O}(1; \{12^2, 6, 4^{12}, 3, 2^7\})$	7077888
12	$\mathcal{O}(1; \{12^2, 6, 4^{12}, 3^4, 2^3\})$	49545216
12	$\mathcal{O}(1; \{12^2, 6, 4^{14}, 3, 2^4\})$	28311552
12	$\mathcal{O}(1; \{12^2, 6, 4^{14}, 3^4\})$	198180864
12	$\mathcal{O}(1; \{12^2, 6, 4^{16}, 3, 2\})$	113246208
12	$\mathcal{O}(1; \{12^2, 6^2, 3^2, 2^{22}\})$	6336
12	$\mathcal{O}(1; \{12^2, 6^2, 3^5, 2^{18}\})$	48960
12	$\mathcal{O}(1; \{12^2, 6^2, 3^8, 2^{14}\})$	393408
12	$\mathcal{O}(1; \{12^2, 6^2, 3^{11}, 2^{10}\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^2, 3^{14}, 2^6\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^2, 3^{17}, 2^2\})$	201326400
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^2, 2^{19}\})$	25344
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^5, 2^{15}\})$	195840
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^8, 2^{11}\})$	1573632
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^{11}, 2^7\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^{14}, 2^3\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^2, 2^{16}\})$	101376
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^5, 2^{12}\})$	783360
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^8, 2^8\})$	6294528
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^{11}, 2^4\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^{14}\})$	402656256
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3^2, 2^{13}\})$	405504
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3^5, 2^9\})$	3133440
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3^8, 2^5\})$	25178112
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3^{11}, 2\})$	201314304
12	$\mathcal{O}(1; \{12^2, 6^2, 4^8, 3^2, 2^{10}\})$	1622016
12	$\mathcal{O}(1; \{12^2, 6^2, 4^8, 3^5, 2^6\})$	12533760
12	$\mathcal{O}(1; \{12^2, 6^2, 4^8, 3^8, 2^2\})$	100712448
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{10}, 3^2, 2^7\})$	6488064
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{10}, 3^5, 2^3\})$	50135040
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{12}, 3^2, 2^4\})$	25952256
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{12}, 3^5\})$	200540160
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{14}, 3^2, 2\})$	103809024
12	$\mathcal{O}(1; \{12^2, 6^3, 2^{23}\})$	2880
12	$\mathcal{O}(1; \{12^2, 6^3, 3^3, 2^{19}\})$	24768

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^3, 3^6, 2^{15}\})$	196416
12	$\mathcal{O}(1; \{12^2, 6^3, 3^9, 2^{11}\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^3, 3^{12}, 2^7\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^3, 3^{15}, 2^3\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 2^{20}\})$	11520
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^3, 2^{16}\})$	99072
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^6, 2^{12}\})$	785664
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^9, 2^8\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^{12}, 2^4\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^{15}\})$	402653952
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 2^{17}\})$	46080
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^3, 2^{13}\})$	396288
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^6, 2^9\})$	3142656
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^9, 2^5\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^{12}, 2\})$	201323520
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 2^{14}\})$	184320
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 3^3, 2^{10}\})$	1585152
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 3^6, 2^6\})$	12570624
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 3^9, 2^2\})$	100675584
12	$\mathcal{O}(1; \{12^2, 6^3, 4^8, 2^{11}\})$	737280
12	$\mathcal{O}(1; \{12^2, 6^3, 4^8, 3^3, 2^7\})$	6340608
12	$\mathcal{O}(1; \{12^2, 6^3, 4^8, 3^6, 2^3\})$	50282496
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{10}, 2^8\})$	2949120
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{10}, 3^3, 2^4\})$	25362432
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{10}, 3^6\})$	201129984
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{12}, 2^5\})$	11796480
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{12}, 3^3, 2\})$	101449728
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{14}, 2^2\})$	47185920
12	$\mathcal{O}(1; \{12^2, 6^4, 3, 2^{20}\})$	12096
12	$\mathcal{O}(1; \{12^2, 6^4, 3^4, 2^{16}\})$	98496
12	$\mathcal{O}(1; \{12^2, 6^4, 3^7, 2^{12}\})$	786240
12	$\mathcal{O}(1; \{12^2, 6^4, 3^{10}, 2^8\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^4, 3^{13}, 2^4\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^4, 3^{16}\})$	402653376
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3, 2^{17}\})$	48384
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^4, 2^{13}\})$	393984
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^7, 2^9\})$	3144960
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^{10}, 2^5\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^{13}, 2\})$	201325824
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3, 2^{14}\})$	193536
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3^4, 2^{10}\})$	1575936
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3^7, 2^6\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3^{10}, 2^2\})$	100666368

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^4, 4^6, 3, 2^{11}\})$	774144
12	$\mathcal{O}(1; \{12^2, 6^4, 4^6, 3^4, 2^7\})$	6303744
12	$\mathcal{O}(1; \{12^2, 6^4, 4^6, 3^7, 2^3\})$	50319360
12	$\mathcal{O}(1; \{12^2, 6^4, 4^8, 3, 2^8\})$	3096576
12	$\mathcal{O}(1; \{12^2, 6^4, 4^8, 3^4, 2^4\})$	25214976
12	$\mathcal{O}(1; \{12^2, 6^4, 4^8, 3^7\})$	201277440
12	$\mathcal{O}(1; \{12^2, 6^4, 4^{10}, 3, 2^5\})$	12386304
12	$\mathcal{O}(1; \{12^2, 6^4, 4^{10}, 3^4, 2\})$	100859904
12	$\mathcal{O}(1; \{12^2, 6^4, 4^{12}, 3, 2^2\})$	49545216
12	$\mathcal{O}(1; \{12^2, 6^5, 3^2, 2^{17}\})$	48960
12	$\mathcal{O}(1; \{12^2, 6^5, 3^5, 2^{13}\})$	393408
12	$\mathcal{O}(1; \{12^2, 6^5, 3^8, 2^9\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^5, 3^{11}, 2^5\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^5, 3^{14}, 2\})$	201326400
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^2, 2^{14}\})$	195840
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^5, 2^{10}\})$	1573632
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^8, 2^6\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^{11}, 2^2\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 3^2, 2^{11}\})$	783360
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 3^5, 2^7\})$	6294528
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 3^8, 2^3\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^5, 4^6, 3^2, 2^8\})$	3133440
12	$\mathcal{O}(1; \{12^2, 6^5, 4^6, 3^5, 2^4\})$	25178112
12	$\mathcal{O}(1; \{12^2, 6^5, 4^6, 3^8\})$	201314304
12	$\mathcal{O}(1; \{12^2, 6^5, 4^8, 3^2, 2^5\})$	12533760
12	$\mathcal{O}(1; \{12^2, 6^5, 4^8, 3^5, 2\})$	100712448
12	$\mathcal{O}(1; \{12^2, 6^5, 4^{10}, 3^2, 2^2\})$	50135040
12	$\mathcal{O}(1; \{12^2, 6^6, 2^{18}\})$	24768
12	$\mathcal{O}(1; \{12^2, 6^6, 3^3, 2^{14}\})$	196416
12	$\mathcal{O}(1; \{12^2, 6^6, 3^6, 2^{10}\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^6, 3^9, 2^6\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^6, 3^{12}, 2^2\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 2^{15}\})$	99072
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3^3, 2^{11}\})$	785664
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3^6, 2^7\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3^9, 2^3\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^6, 4^4, 2^{12}\})$	396288
12	$\mathcal{O}(1; \{12^2, 6^6, 4^4, 3^3, 2^8\})$	3142656
12	$\mathcal{O}(1; \{12^2, 6^6, 4^4, 3^6, 2^4\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6^6, 4^4, 3^9\})$	201323520
12	$\mathcal{O}(1; \{12^2, 6^6, 4^6, 2^9\})$	1585152
12	$\mathcal{O}(1; \{12^2, 6^6, 4^6, 3^3, 2^5\})$	12570624
12	$\mathcal{O}(1; \{12^2, 6^6, 4^6, 3^6, 2\})$	100675584

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^6, 4^8, 2^6\})$	6340608
12	$\mathcal{O}(1; \{12^2, 6^6, 4^8, 3^3, 2^2\})$	50282496
12	$\mathcal{O}(1; \{12^2, 6^6, 4^{10}, 2^3\})$	25362432
12	$\mathcal{O}(1; \{12^2, 6^6, 4^{12}\})$	101449728
12	$\mathcal{O}(1; \{12^2, 6^7, 3, 2^{15}\})$	98496
12	$\mathcal{O}(1; \{12^2, 6^7, 3^4, 2^{11}\})$	786240
12	$\mathcal{O}(1; \{12^2, 6^7, 3^7, 2^7\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^7, 3^{10}, 2^3\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 3, 2^{12}\})$	393984
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 3^4, 2^8\})$	3144960
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 3^7, 2^4\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 3^{10}\})$	201325824
12	$\mathcal{O}(1; \{12^2, 6^7, 4^4, 3, 2^9\})$	1575936
12	$\mathcal{O}(1; \{12^2, 6^7, 4^4, 3^4, 2^5\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6^7, 4^4, 3^7, 2\})$	100666368
12	$\mathcal{O}(1; \{12^2, 6^7, 4^6, 3, 2^6\})$	6303744
12	$\mathcal{O}(1; \{12^2, 6^7, 4^6, 3^4, 2^2\})$	50319360
12	$\mathcal{O}(1; \{12^2, 6^7, 4^8, 3, 2^3\})$	25214976
12	$\mathcal{O}(1; \{12^2, 6^7, 4^{10}, 3\})$	100859904
12	$\mathcal{O}(1; \{12^2, 6^8, 3^2, 2^{12}\})$	393408
12	$\mathcal{O}(1; \{12^2, 6^8, 3^5, 2^8\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^8, 3^8, 2^4\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^8, 3^{11}\})$	201326400
12	$\mathcal{O}(1; \{12^2, 6^8, 4^2, 3^2, 2^9\})$	1573632
12	$\mathcal{O}(1; \{12^2, 6^8, 4^2, 3^5, 2^5\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^8, 4^2, 3^8, 2\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6^8, 4^4, 3^2, 2^6\})$	6294528
12	$\mathcal{O}(1; \{12^2, 6^8, 4^4, 3^5, 2^2\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^8, 4^6, 3^2, 2^3\})$	25178112
12	$\mathcal{O}(1; \{12^2, 6^8, 4^8, 3^2\})$	100712448
12	$\mathcal{O}(1; \{12^2, 6^9, 2^{13}\})$	196416
12	$\mathcal{O}(1; \{12^2, 6^9, 3^3, 2^9\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^9, 3^6, 2^5\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^9, 3^9, 2\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^9, 4^2, 2^{10}\})$	785664
12	$\mathcal{O}(1; \{12^2, 6^9, 4^2, 3^3, 2^6\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6^9, 4^2, 3^6, 2^2\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^9, 4^4, 2^7\})$	3142656
12	$\mathcal{O}(1; \{12^2, 6^9, 4^4, 3^3, 2^3\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6^9, 4^6, 2^4\})$	12570624
12	$\mathcal{O}(1; \{12^2, 6^9, 4^6, 3^3\})$	100675584
12	$\mathcal{O}(1; \{12^2, 6^9, 4^8, 2\})$	50282496
12	$\mathcal{O}(1; \{12^2, 6^{10}, 3, 2^{10}\})$	786240

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^{10}, 3^4, 2^6\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^{10}, 3^7, 2^2\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^2, 3, 2^7\})$	3144960
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^2, 3^4, 2^3\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^4, 3, 2^4\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^4, 3^4\})$	100666368
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^6, 3, 2\})$	50319360
12	$\mathcal{O}(1; \{12^2, 6^{11}, 3^2, 2^7\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^{11}, 3^5, 2^3\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^2, 3^2, 2^4\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^2, 3^5\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^4, 3^2, 2\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^{12}, 2^8\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^{12}, 3^3, 2^4\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^{12}, 3^6\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^{12}, 4^2, 2^5\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6^{12}, 4^2, 3^3, 2\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^{12}, 4^4, 2^2\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6^{13}, 3, 2^5\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^{13}, 3^4, 2\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^{13}, 4^2, 3, 2^2\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^{14}, 3^2, 2^2\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^{15}, 2^3\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^{15}, 4^2\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^{16}, 3\})$	50331456
12	$\mathcal{O}(1; \{12^3, 4, 3^2, 2^{22}\})$	11520
12	$\mathcal{O}(1; \{12^3, 4, 3^5, 2^{18}\})$	99072
12	$\mathcal{O}(1; \{12^3, 4, 3^8, 2^{14}\})$	785664
12	$\mathcal{O}(1; \{12^3, 4, 3^{11}, 2^{10}\})$	6292224
12	$\mathcal{O}(1; \{12^3, 4, 3^{14}, 2^6\})$	50330880
12	$\mathcal{O}(1; \{12^3, 4, 3^{17}, 2^2\})$	402653952
12	$\mathcal{O}(1; \{12^3, 4^3, 3^2, 2^{19}\})$	46080
12	$\mathcal{O}(1; \{12^3, 4^3, 3^5, 2^{15}\})$	396288
12	$\mathcal{O}(1; \{12^3, 4^3, 3^8, 2^{11}\})$	3142656
12	$\mathcal{O}(1; \{12^3, 4^3, 3^{11}, 2^7\})$	25168896
12	$\mathcal{O}(1; \{12^3, 4^3, 3^{14}, 2^3\})$	201323520
12	$\mathcal{O}(1; \{12^3, 4^5, 3^2, 2^{16}\})$	184320
12	$\mathcal{O}(1; \{12^3, 4^5, 3^5, 2^{12}\})$	1585152
12	$\mathcal{O}(1; \{12^3, 4^5, 3^8, 2^8\})$	12570624
12	$\mathcal{O}(1; \{12^3, 4^5, 3^{11}, 2^4\})$	100675584
12	$\mathcal{O}(1; \{12^3, 4^5, 3^{14}\})$	805294080
12	$\mathcal{O}(1; \{12^3, 4^7, 3^2, 2^{13}\})$	737280
12	$\mathcal{O}(1; \{12^3, 4^7, 3^5, 2^9\})$	6340608

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 4^7, 3^8, 2^5\})$	50282496
12	$\mathcal{O}(1; \{12^3, 4^7, 3^{11}, 2\})$	402702336
12	$\mathcal{O}(1; \{12^3, 4^9, 3^2, 2^{10}\})$	2949120
12	$\mathcal{O}(1; \{12^3, 4^9, 3^5, 2^6\})$	25362432
12	$\mathcal{O}(1; \{12^3, 4^9, 3^8, 2^2\})$	201129984
12	$\mathcal{O}(1; \{12^3, 4^{11}, 3^2, 2^7\})$	11796480
12	$\mathcal{O}(1; \{12^3, 4^{11}, 3^5, 2^3\})$	101449728
12	$\mathcal{O}(1; \{12^3, 4^{13}, 3^2, 2^4\})$	47185920
12	$\mathcal{O}(1; \{12^3, 4^{13}, 3^5\})$	405798912
12	$\mathcal{O}(1; \{12^3, 4^{15}, 3^2, 2\})$	188743680
12	$\mathcal{O}(1; \{12^3, 6, 4, 2^{23}\})$	6912
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^3, 2^{19}\})$	48384
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^6, 2^{15}\})$	393984
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^9, 2^{11}\})$	3144960
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^{12}, 2^7\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^{15}, 2^3\})$	201325824
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 2^{20}\})$	27648
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^3, 2^{16}\})$	193536
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^6, 2^{12}\})$	1575936
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^9, 2^8\})$	12579840
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^{12}, 2^4\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^{15}\})$	805303296
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 2^{17}\})$	110592
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^3, 2^{13}\})$	774144
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^6, 2^9\})$	6303744
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^9, 2^5\})$	50319360
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^{12}, 2\})$	402665472
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 2^{14}\})$	442368
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 3^3, 2^{10}\})$	3096576
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 3^6, 2^6\})$	25214976
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 3^9, 2^2\})$	201277440
12	$\mathcal{O}(1; \{12^3, 6, 4^9, 2^{11}\})$	1769472
12	$\mathcal{O}(1; \{12^3, 6, 4^9, 3^3, 2^7\})$	12386304
12	$\mathcal{O}(1; \{12^3, 6, 4^9, 3^6, 2^3\})$	100859904
12	$\mathcal{O}(1; \{12^3, 6, 4^{11}, 2^8\})$	7077888
12	$\mathcal{O}(1; \{12^3, 6, 4^{11}, 3^3, 2^4\})$	49545216
12	$\mathcal{O}(1; \{12^3, 6, 4^{11}, 3^6\})$	403439616
12	$\mathcal{O}(1; \{12^3, 6, 4^{13}, 2^5\})$	28311552
12	$\mathcal{O}(1; \{12^3, 6, 4^{13}, 3^3, 2\})$	198180864
12	$\mathcal{O}(1; \{12^3, 6, 4^{15}, 2^2\})$	113246208
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3, 2^{20}\})$	25344
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^4, 2^{16}\})$	195840
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^7, 2^{12}\})$	1573632

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^{10}, 2^8\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^{13}, 2^4\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^{16}\})$	805305600
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3, 2^{17}\})$	101376
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^4, 2^{13}\})$	783360
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^7, 2^9\})$	6294528
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^{10}, 2^5\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^{13}, 2\})$	402656256
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3, 2^{14}\})$	405504
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3^4, 2^{10}\})$	3133440
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3^7, 2^6\})$	25178112
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3^{10}, 2^2\})$	201314304
12	$\mathcal{O}(1; \{12^3, 6^2, 4^7, 3, 2^{11}\})$	1622016
12	$\mathcal{O}(1; \{12^3, 6^2, 4^7, 3^4, 2^7\})$	12533760
12	$\mathcal{O}(1; \{12^3, 6^2, 4^7, 3^7, 2^3\})$	100712448
12	$\mathcal{O}(1; \{12^3, 6^2, 4^9, 3, 2^8\})$	6488064
12	$\mathcal{O}(1; \{12^3, 6^2, 4^9, 3^4, 2^4\})$	50135040
12	$\mathcal{O}(1; \{12^3, 6^2, 4^9, 3^7\})$	402849792
12	$\mathcal{O}(1; \{12^3, 6^2, 4^{11}, 3, 2^5\})$	25952256
12	$\mathcal{O}(1; \{12^3, 6^2, 4^{11}, 3^4, 2\})$	200540160
12	$\mathcal{O}(1; \{12^3, 6^2, 4^{13}, 3, 2^2\})$	103809024
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^2, 2^{17}\})$	99072
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^5, 2^{13}\})$	785664
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^8, 2^9\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^{11}, 2^5\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^{14}, 2\})$	402653952
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^2, 2^{14}\})$	396288
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^5, 2^{10}\})$	3142656
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^8, 2^6\})$	25168896
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^{11}, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 3^2, 2^{11}\})$	1585152
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 3^5, 2^7\})$	12570624
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 3^8, 2^3\})$	100675584
12	$\mathcal{O}(1; \{12^3, 6^3, 4^7, 3^2, 2^8\})$	6340608
12	$\mathcal{O}(1; \{12^3, 6^3, 4^7, 3^5, 2^4\})$	50282496
12	$\mathcal{O}(1; \{12^3, 6^3, 4^7, 3^8\})$	402702336
12	$\mathcal{O}(1; \{12^3, 6^3, 4^9, 3^2, 2^5\})$	25362432
12	$\mathcal{O}(1; \{12^3, 6^3, 4^9, 3^5, 2\})$	201129984
12	$\mathcal{O}(1; \{12^3, 6^3, 4^{11}, 3^2, 2^2\})$	101449728
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 2^{18}\})$	48384
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^3, 2^{14}\})$	393984
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^6, 2^{10}\})$	3144960
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^9, 2^6\})$	25166592

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^{12}, 2^2\})$	201325824
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 2^{15}\})$	193536
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3^3, 2^{11}\})$	1575936
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3^6, 2^7\})$	12579840
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3^9, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^4, 4^5, 2^{12}\})$	774144
12	$\mathcal{O}(1; \{12^3, 6^4, 4^5, 3^3, 2^8\})$	6303744
12	$\mathcal{O}(1; \{12^3, 6^4, 4^5, 3^6, 2^4\})$	50319360
12	$\mathcal{O}(1; \{12^3, 6^4, 4^5, 3^9\})$	402665472
12	$\mathcal{O}(1; \{12^3, 6^4, 4^7, 2^9\})$	3096576
12	$\mathcal{O}(1; \{12^3, 6^4, 4^7, 3^3, 2^5\})$	25214976
12	$\mathcal{O}(1; \{12^3, 6^4, 4^7, 3^6, 2\})$	201277440
12	$\mathcal{O}(1; \{12^3, 6^4, 4^9, 2^6\})$	12386304
12	$\mathcal{O}(1; \{12^3, 6^4, 4^9, 3^3, 2^2\})$	100859904
12	$\mathcal{O}(1; \{12^3, 6^4, 4^{11}, 2^3\})$	49545216
12	$\mathcal{O}(1; \{12^3, 6^4, 4^{13}\})$	198180864
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3, 2^{15}\})$	195840
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^4, 2^{11}\})$	1573632
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^7, 2^7\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^{10}, 2^3\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 3, 2^{12}\})$	783360
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 3^4, 2^8\})$	6294528
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 3^7, 2^4\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 3^{10}\})$	402656256
12	$\mathcal{O}(1; \{12^3, 6^5, 4^5, 3, 2^9\})$	3133440
12	$\mathcal{O}(1; \{12^3, 6^5, 4^5, 3^4, 2^5\})$	25178112
12	$\mathcal{O}(1; \{12^3, 6^5, 4^5, 3^7, 2\})$	201314304
12	$\mathcal{O}(1; \{12^3, 6^5, 4^7, 3, 2^6\})$	12533760
12	$\mathcal{O}(1; \{12^3, 6^5, 4^7, 3^4, 2^2\})$	100712448
12	$\mathcal{O}(1; \{12^3, 6^5, 4^9, 3, 2^3\})$	50135040
12	$\mathcal{O}(1; \{12^3, 6^5, 4^{11}, 3\})$	200540160
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3^2, 2^{12}\})$	785664
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3^5, 2^8\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3^8, 2^4\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3^{11}\})$	402653952
12	$\mathcal{O}(1; \{12^3, 6^6, 4^3, 3^2, 2^9\})$	3142656
12	$\mathcal{O}(1; \{12^3, 6^6, 4^3, 3^5, 2^5\})$	25168896
12	$\mathcal{O}(1; \{12^3, 6^6, 4^3, 3^8, 2\})$	201323520
12	$\mathcal{O}(1; \{12^3, 6^6, 4^5, 3^2, 2^6\})$	12570624
12	$\mathcal{O}(1; \{12^3, 6^6, 4^5, 3^5, 2^2\})$	100675584
12	$\mathcal{O}(1; \{12^3, 6^6, 4^7, 3^2, 2^3\})$	50282496
12	$\mathcal{O}(1; \{12^3, 6^6, 4^9, 3^2\})$	201129984
12	$\mathcal{O}(1; \{12^3, 6^7, 4, 2^{13}\})$	393984

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 6^7, 4, 3^3, 2^9\})$	3144960
12	$\mathcal{O}(1; \{12^3, 6^7, 4, 3^6, 2^5\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^7, 4, 3^9, 2\})$	201325824
12	$\mathcal{O}(1; \{12^3, 6^7, 4^3, 2^{10}\})$	1575936
12	$\mathcal{O}(1; \{12^3, 6^7, 4^3, 3^3, 2^6\})$	12579840
12	$\mathcal{O}(1; \{12^3, 6^7, 4^3, 3^6, 2^2\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^7, 4^5, 2^7\})$	6303744
12	$\mathcal{O}(1; \{12^3, 6^7, 4^5, 3^3, 2^3\})$	50319360
12	$\mathcal{O}(1; \{12^3, 6^7, 4^7, 2^4\})$	25214976
12	$\mathcal{O}(1; \{12^3, 6^7, 4^7, 3^3\})$	201277440
12	$\mathcal{O}(1; \{12^3, 6^7, 4^9, 2\})$	100859904
12	$\mathcal{O}(1; \{12^3, 6^8, 4, 3, 2^{10}\})$	1573632
12	$\mathcal{O}(1; \{12^3, 6^8, 4, 3^4, 2^6\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6^8, 4, 3^7, 2^2\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^8, 4^3, 3, 2^7\})$	6294528
12	$\mathcal{O}(1; \{12^3, 6^8, 4^3, 3^4, 2^3\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6^8, 4^5, 3, 2^4\})$	25178112
12	$\mathcal{O}(1; \{12^3, 6^8, 4^5, 3^4\})$	201314304
12	$\mathcal{O}(1; \{12^3, 6^8, 4^7, 3, 2\})$	100712448
12	$\mathcal{O}(1; \{12^3, 6^9, 4, 3^2, 2^7\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6^9, 4, 3^5, 2^3\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^9, 4^3, 3^2, 2^4\})$	25168896
12	$\mathcal{O}(1; \{12^3, 6^9, 4^3, 3^5\})$	201323520
12	$\mathcal{O}(1; \{12^3, 6^9, 4^5, 3^2, 2\})$	100675584
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4, 2^8\})$	3144960
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4, 3^3, 2^4\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4, 3^6\})$	201325824
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4^3, 2^5\})$	12579840
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4^3, 3^3, 2\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4^5, 2^2\})$	50319360
12	$\mathcal{O}(1; \{12^3, 6^{11}, 4, 3, 2^5\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6^{11}, 4, 3^4, 2\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^{11}, 4^3, 3, 2^2\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6^{12}, 4, 3^2, 2^2\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^{13}, 4, 2^3\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^{13}, 4^3\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^{14}, 4, 3\})$	100664064
12	$\mathcal{O}(1; \{12^4, 3, 2^{23}\})$	11520
12	$\mathcal{O}(1; \{12^4, 3^4, 2^{19}\})$	99072
12	$\mathcal{O}(1; \{12^4, 3^7, 2^{15}\})$	785664
12	$\mathcal{O}(1; \{12^4, 3^{10}, 2^{11}\})$	6292224
12	$\mathcal{O}(1; \{12^4, 3^{13}, 2^7\})$	50330880
12	$\mathcal{O}(1; \{12^4, 3^{16}, 2^3\})$	402653952

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 4^2, 3, 2^{20}\})$	46080
12	$\mathcal{O}(1; \{12^4, 4^2, 3^4, 2^{16}\})$	396288
12	$\mathcal{O}(1; \{12^4, 4^2, 3^7, 2^{12}\})$	3142656
12	$\mathcal{O}(1; \{12^4, 4^2, 3^{10}, 2^8\})$	25168896
12	$\mathcal{O}(1; \{12^4, 4^2, 3^{13}, 2^4\})$	201323520
12	$\mathcal{O}(1; \{12^4, 4^2, 3^{16}\})$	1610615808
12	$\mathcal{O}(1; \{12^4, 4^4, 3, 2^{17}\})$	184320
12	$\mathcal{O}(1; \{12^4, 4^4, 3^4, 2^{13}\})$	1585152
12	$\mathcal{O}(1; \{12^4, 4^4, 3^7, 2^9\})$	12570624
12	$\mathcal{O}(1; \{12^4, 4^4, 3^{10}, 2^5\})$	100675584
12	$\mathcal{O}(1; \{12^4, 4^4, 3^{13}, 2\})$	805294080
12	$\mathcal{O}(1; \{12^4, 4^6, 3, 2^{14}\})$	737280
12	$\mathcal{O}(1; \{12^4, 4^6, 3^4, 2^{10}\})$	6340608
12	$\mathcal{O}(1; \{12^4, 4^6, 3^7, 2^6\})$	50282496
12	$\mathcal{O}(1; \{12^4, 4^6, 3^{10}, 2^2\})$	402702336
12	$\mathcal{O}(1; \{12^4, 4^8, 3, 2^{11}\})$	2949120
12	$\mathcal{O}(1; \{12^4, 4^8, 3^4, 2^7\})$	25362432
12	$\mathcal{O}(1; \{12^4, 4^8, 3^7, 2^3\})$	201129984
12	$\mathcal{O}(1; \{12^4, 4^{10}, 3, 2^8\})$	11796480
12	$\mathcal{O}(1; \{12^4, 4^{10}, 3^4, 2^4\})$	101449728
12	$\mathcal{O}(1; \{12^4, 4^{10}, 3^7\})$	804519936
12	$\mathcal{O}(1; \{12^4, 4^{12}, 3, 2^5\})$	47185920
12	$\mathcal{O}(1; \{12^4, 4^{12}, 3^4, 2\})$	405798912
12	$\mathcal{O}(1; \{12^4, 4^{14}, 3, 2^2\})$	188743680
12	$\mathcal{O}(1; \{12^4, 6, 3^2, 2^{20}\})$	48384
12	$\mathcal{O}(1; \{12^4, 6, 3^5, 2^{16}\})$	393984
12	$\mathcal{O}(1; \{12^4, 6, 3^8, 2^{12}\})$	3144960
12	$\mathcal{O}(1; \{12^4, 6, 3^{11}, 2^8\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6, 3^{14}, 2^4\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6, 3^{17}\})$	1610613504
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^2, 2^{17}\})$	193536
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^5, 2^{13}\})$	1575936
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^8, 2^9\})$	12579840
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^{11}, 2^5\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^{14}, 2\})$	805303296
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^2, 2^{14}\})$	774144
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^5, 2^{10}\})$	6303744
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^8, 2^6\})$	50319360
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^{11}, 2^2\})$	402665472
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 3^2, 2^{11}\})$	3096576
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 3^5, 2^7\})$	25214976
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 3^8, 2^3\})$	201277440
12	$\mathcal{O}(1; \{12^4, 6, 4^8, 3^2, 2^8\})$	12386304

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 6, 4^8, 3^5, 2^4\})$	100859904
12	$\mathcal{O}(1; \{12^4, 6, 4^8, 3^8\})$	805109760
12	$\mathcal{O}(1; \{12^4, 6, 4^{10}, 3^2, 2^5\})$	49545216
12	$\mathcal{O}(1; \{12^4, 6, 4^{10}, 3^5, 2\})$	403439616
12	$\mathcal{O}(1; \{12^4, 6, 4^{12}, 3^2, 2^2\})$	198180864
12	$\mathcal{O}(1; \{12^4, 6^2, 2^{21}\})$	25344
12	$\mathcal{O}(1; \{12^4, 6^2, 3^3, 2^{17}\})$	195840
12	$\mathcal{O}(1; \{12^4, 6^2, 3^6, 2^{13}\})$	1573632
12	$\mathcal{O}(1; \{12^4, 6^2, 3^9, 2^9\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6^2, 3^{12}, 2^5\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^2, 3^{15}, 2\})$	805305600
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 2^{18}\})$	101376
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^3, 2^{14}\})$	783360
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^6, 2^{10}\})$	6294528
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^9, 2^6\})$	50328576
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^{12}, 2^2\})$	402656256
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 2^{15}\})$	405504
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3^3, 2^{11}\})$	3133440
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3^6, 2^7\})$	25178112
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3^9, 2^3\})$	201314304
12	$\mathcal{O}(1; \{12^4, 6^2, 4^6, 2^{12}\})$	1622016
12	$\mathcal{O}(1; \{12^4, 6^2, 4^6, 3^3, 2^8\})$	12533760
12	$\mathcal{O}(1; \{12^4, 6^2, 4^6, 3^6, 2^4\})$	100712448
12	$\mathcal{O}(1; \{12^4, 6^2, 4^6, 3^9\})$	805257216
12	$\mathcal{O}(1; \{12^4, 6^2, 4^8, 2^9\})$	6488064
12	$\mathcal{O}(1; \{12^4, 6^2, 4^8, 3^3, 2^5\})$	50135040
12	$\mathcal{O}(1; \{12^4, 6^2, 4^8, 3^6, 2\})$	402849792
12	$\mathcal{O}(1; \{12^4, 6^2, 4^{10}, 2^6\})$	25952256
12	$\mathcal{O}(1; \{12^4, 6^2, 4^{10}, 3^3, 2^2\})$	200540160
12	$\mathcal{O}(1; \{12^4, 6^2, 4^{12}, 2^3\})$	103809024
12	$\mathcal{O}(1; \{12^4, 6^2, 4^{14}\})$	415236096
12	$\mathcal{O}(1; \{12^4, 6^3, 3, 2^{18}\})$	99072
12	$\mathcal{O}(1; \{12^4, 6^3, 3^4, 2^{14}\})$	785664
12	$\mathcal{O}(1; \{12^4, 6^3, 3^7, 2^{10}\})$	6292224
12	$\mathcal{O}(1; \{12^4, 6^3, 3^{10}, 2^6\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^3, 3^{13}, 2^2\})$	402653952
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3, 2^{15}\})$	396288
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^4, 2^{11}\})$	3142656
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^7, 2^7\})$	25168896
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^{10}, 2^3\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 3, 2^{12}\})$	1585152
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 3^4, 2^8\})$	12570624
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 3^7, 2^4\})$	100675584

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 3^{10}\})$	805294080
12	$\mathcal{O}(1; \{12^4, 6^3, 4^6, 3, 2^9\})$	6340608
12	$\mathcal{O}(1; \{12^4, 6^3, 4^6, 3^4, 2^5\})$	50282496
12	$\mathcal{O}(1; \{12^4, 6^3, 4^6, 3^7, 2\})$	402702336
12	$\mathcal{O}(1; \{12^4, 6^3, 4^8, 3, 2^6\})$	25362432
12	$\mathcal{O}(1; \{12^4, 6^3, 4^8, 3^4, 2^2\})$	201129984
12	$\mathcal{O}(1; \{12^4, 6^3, 4^{10}, 3, 2^3\})$	101449728
12	$\mathcal{O}(1; \{12^4, 6^3, 4^{12}, 3\})$	405798912
12	$\mathcal{O}(1; \{12^4, 6^4, 3^2, 2^{15}\})$	393984
12	$\mathcal{O}(1; \{12^4, 6^4, 3^5, 2^{11}\})$	3144960
12	$\mathcal{O}(1; \{12^4, 6^4, 3^8, 2^7\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^4, 3^{11}, 2^3\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3^2, 2^{12}\})$	1575936
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3^5, 2^8\})$	12579840
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3^8, 2^4\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3^{11}\})$	805303296
12	$\mathcal{O}(1; \{12^4, 6^4, 4^4, 3^2, 2^9\})$	6303744
12	$\mathcal{O}(1; \{12^4, 6^4, 4^4, 3^5, 2^5\})$	50319360
12	$\mathcal{O}(1; \{12^4, 6^4, 4^4, 3^8, 2\})$	402665472
12	$\mathcal{O}(1; \{12^4, 6^4, 4^6, 3^2, 2^6\})$	25214976
12	$\mathcal{O}(1; \{12^4, 6^4, 4^6, 3^5, 2^2\})$	201277440
12	$\mathcal{O}(1; \{12^4, 6^4, 4^8, 3^2, 2^3\})$	100859904
12	$\mathcal{O}(1; \{12^4, 6^4, 4^{10}, 3^2\})$	403439616
12	$\mathcal{O}(1; \{12^4, 6^5, 2^{16}\})$	195840
12	$\mathcal{O}(1; \{12^4, 6^5, 3^3, 2^{12}\})$	1573632
12	$\mathcal{O}(1; \{12^4, 6^5, 3^6, 2^8\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6^5, 3^9, 2^4\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^5, 3^{12}\})$	805305600
12	$\mathcal{O}(1; \{12^4, 6^5, 4^2, 2^{13}\})$	783360
12	$\mathcal{O}(1; \{12^4, 6^5, 4^2, 3^3, 2^9\})$	6294528
12	$\mathcal{O}(1; \{12^4, 6^5, 4^2, 3^6, 2^5\})$	50328576
12	$\mathcal{O}(1; \{12^4, 6^5, 4^2, 3^9, 2\})$	402656256
12	$\mathcal{O}(1; \{12^4, 6^5, 4^4, 2^{10}\})$	3133440
12	$\mathcal{O}(1; \{12^4, 6^5, 4^4, 3^3, 2^6\})$	25178112
12	$\mathcal{O}(1; \{12^4, 6^5, 4^4, 3^6, 2^2\})$	201314304
12	$\mathcal{O}(1; \{12^4, 6^5, 4^6, 2^7\})$	12533760
12	$\mathcal{O}(1; \{12^4, 6^5, 4^6, 3^3, 2^3\})$	100712448
12	$\mathcal{O}(1; \{12^4, 6^5, 4^8, 2^4\})$	50135040
12	$\mathcal{O}(1; \{12^4, 6^5, 4^8, 3^3\})$	402849792
12	$\mathcal{O}(1; \{12^4, 6^5, 4^{10}, 2\})$	200540160
12	$\mathcal{O}(1; \{12^4, 6^6, 3, 2^{13}\})$	785664
12	$\mathcal{O}(1; \{12^4, 6^6, 3^4, 2^9\})$	6292224
12	$\mathcal{O}(1; \{12^4, 6^6, 3^7, 2^5\})$	50330880

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 6^6, 3^{10}, 2\})$	402653952
12	$\mathcal{O}(1; \{12^4, 6^6, 4^2, 3, 2^{10}\})$	3142656
12	$\mathcal{O}(1; \{12^4, 6^6, 4^2, 3^4, 2^6\})$	25168896
12	$\mathcal{O}(1; \{12^4, 6^6, 4^2, 3^7, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6^6, 4^4, 3, 2^7\})$	12570624
12	$\mathcal{O}(1; \{12^4, 6^6, 4^4, 3^4, 2^3\})$	100675584
12	$\mathcal{O}(1; \{12^4, 6^6, 4^6, 3, 2^4\})$	50282496
12	$\mathcal{O}(1; \{12^4, 6^6, 4^6, 3^4\})$	402702336
12	$\mathcal{O}(1; \{12^4, 6^6, 4^8, 3, 2\})$	201129984
12	$\mathcal{O}(1; \{12^4, 6^7, 3^2, 2^{10}\})$	3144960
12	$\mathcal{O}(1; \{12^4, 6^7, 3^5, 2^6\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^7, 3^8, 2^2\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6^7, 4^2, 3^2, 2^7\})$	12579840
12	$\mathcal{O}(1; \{12^4, 6^7, 4^2, 3^5, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^7, 4^4, 3^2, 2^4\})$	50319360
12	$\mathcal{O}(1; \{12^4, 6^7, 4^4, 3^5\})$	402665472
12	$\mathcal{O}(1; \{12^4, 6^7, 4^6, 3^2, 2\})$	201277440
12	$\mathcal{O}(1; \{12^4, 6^8, 2^{11}\})$	1573632
12	$\mathcal{O}(1; \{12^4, 6^8, 3^3, 2^7\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6^8, 3^6, 2^3\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^8, 4^2, 2^8\})$	6294528
12	$\mathcal{O}(1; \{12^4, 6^8, 4^2, 3^3, 2^4\})$	50328576
12	$\mathcal{O}(1; \{12^4, 6^8, 4^2, 3^6\})$	402656256
12	$\mathcal{O}(1; \{12^4, 6^8, 4^4, 2^5\})$	25178112
12	$\mathcal{O}(1; \{12^4, 6^8, 4^4, 3^3, 2\})$	201314304
12	$\mathcal{O}(1; \{12^4, 6^8, 4^6, 2^2\})$	100712448
12	$\mathcal{O}(1; \{12^4, 6^9, 3, 2^8\})$	6292224
12	$\mathcal{O}(1; \{12^4, 6^9, 3^4, 2^4\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^9, 3^7\})$	402653952
12	$\mathcal{O}(1; \{12^4, 6^9, 4^2, 3, 2^5\})$	25168896
12	$\mathcal{O}(1; \{12^4, 6^9, 4^2, 3^4, 2\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6^9, 4^4, 3, 2^2\})$	100675584
12	$\mathcal{O}(1; \{12^4, 6^{10}, 3^2, 2^5\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^{10}, 3^5, 2\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6^{10}, 4^2, 3^2, 2^2\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^{11}, 2^6\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6^{11}, 3^3, 2^2\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^{11}, 4^2, 2^3\})$	50328576
12	$\mathcal{O}(1; \{12^4, 6^{11}, 4^4\})$	201314304
12	$\mathcal{O}(1; \{12^4, 6^{12}, 3, 2^3\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^{12}, 4^2, 3\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6^{13}, 3^2\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6^{14}, 2\})$	100664064

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^5, 4, 2^{21}\})$	46080
12	$\mathcal{O}(1; \{12^5, 4, 3^3, 2^{17}\})$	396288
12	$\mathcal{O}(1; \{12^5, 4, 3^6, 2^{13}\})$	3142656
12	$\mathcal{O}(1; \{12^5, 4, 3^9, 2^9\})$	25168896
12	$\mathcal{O}(1; \{12^5, 4, 3^{12}, 2^5\})$	201323520
12	$\mathcal{O}(1; \{12^5, 4, 3^{15}, 2\})$	1610615808
12	$\mathcal{O}(1; \{12^5, 4^3, 2^{18}\})$	184320
12	$\mathcal{O}(1; \{12^5, 4^3, 3^3, 2^{14}\})$	1585152
12	$\mathcal{O}(1; \{12^5, 4^3, 3^6, 2^{10}\})$	12570624
12	$\mathcal{O}(1; \{12^5, 4^3, 3^9, 2^6\})$	100675584
12	$\mathcal{O}(1; \{12^5, 4^3, 3^{12}, 2^2\})$	805294080
12	$\mathcal{O}(1; \{12^5, 4^5, 2^{15}\})$	737280
12	$\mathcal{O}(1; \{12^5, 4^5, 3^3, 2^{11}\})$	6340608
12	$\mathcal{O}(1; \{12^5, 4^5, 3^6, 2^7\})$	50282496
12	$\mathcal{O}(1; \{12^5, 4^5, 3^9, 2^3\})$	402702336
12	$\mathcal{O}(1; \{12^5, 4^7, 2^{12}\})$	2949120
12	$\mathcal{O}(1; \{12^5, 4^7, 3^3, 2^8\})$	25362432
12	$\mathcal{O}(1; \{12^5, 4^7, 3^6, 2^4\})$	201129984
12	$\mathcal{O}(1; \{12^5, 4^7, 3^9\})$	1610809344
12	$\mathcal{O}(1; \{12^5, 4^9, 2^9\})$	11796480
12	$\mathcal{O}(1; \{12^5, 4^9, 3^3, 2^5\})$	101449728
12	$\mathcal{O}(1; \{12^5, 4^9, 3^6, 2\})$	804519936
12	$\mathcal{O}(1; \{12^5, 4^{11}, 2^6\})$	47185920
12	$\mathcal{O}(1; \{12^5, 4^{11}, 3^3, 2^2\})$	405798912
12	$\mathcal{O}(1; \{12^5, 4^{13}, 2^3\})$	188743680
12	$\mathcal{O}(1; \{12^5, 4^{15}\})$	754974720
12	$\mathcal{O}(1; \{12^5, 6, 4, 3, 2^{18}\})$	193536
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^4, 2^{14}\})$	1575936
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^7, 2^{10}\})$	12579840
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^{10}, 2^6\})$	100666368
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^{13}, 2^2\})$	805303296
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3, 2^{15}\})$	774144
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^4, 2^{11}\})$	6303744
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^7, 2^7\})$	50319360
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^{10}, 2^3\})$	402665472
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 3, 2^{12}\})$	3096576
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 3^4, 2^8\})$	25214976
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 3^7, 2^4\})$	201277440
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 3^{10}\})$	1610661888
12	$\mathcal{O}(1; \{12^5, 6, 4^7, 3, 2^9\})$	12386304
12	$\mathcal{O}(1; \{12^5, 6, 4^7, 3^4, 2^5\})$	100859904
12	$\mathcal{O}(1; \{12^5, 6, 4^7, 3^7, 2\})$	805109760
12	$\mathcal{O}(1; \{12^5, 6, 4^9, 3, 2^6\})$	49545216

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^5, 6, 4^9, 3^4, 2^2\})$	403439616
12	$\mathcal{O}(1; \{12^5, 6, 4^{11}, 3, 2^3\})$	198180864
12	$\mathcal{O}(1; \{12^5, 6, 4^{13}, 3\})$	792723456
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^2, 2^{15}\})$	783360
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^5, 2^{11}\})$	6294528
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^8, 2^7\})$	50328576
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^{11}, 2^3\})$	402656256
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3^2, 2^{12}\})$	3133440
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3^5, 2^8\})$	25178112
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3^8, 2^4\})$	201314304
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3^{11}\})$	1610625024
12	$\mathcal{O}(1; \{12^5, 6^2, 4^5, 3^2, 2^9\})$	12533760
12	$\mathcal{O}(1; \{12^5, 6^2, 4^5, 3^5, 2^5\})$	100712448
12	$\mathcal{O}(1; \{12^5, 6^2, 4^5, 3^8, 2\})$	805257216
12	$\mathcal{O}(1; \{12^5, 6^2, 4^7, 3^2, 2^6\})$	50135040
12	$\mathcal{O}(1; \{12^5, 6^2, 4^7, 3^5, 2^2\})$	402849792
12	$\mathcal{O}(1; \{12^5, 6^2, 4^9, 3^2, 2^3\})$	200540160
12	$\mathcal{O}(1; \{12^5, 6^2, 4^{11}, 3^2\})$	802160640
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 2^{16}\})$	396288
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^3, 2^{12}\})$	3142656
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^6, 2^8\})$	25168896
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^9, 2^4\})$	201323520
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^{12}\})$	1610615808
12	$\mathcal{O}(1; \{12^5, 6^3, 4^3, 2^{13}\})$	1585152
12	$\mathcal{O}(1; \{12^5, 6^3, 4^3, 3^3, 2^9\})$	12570624
12	$\mathcal{O}(1; \{12^5, 6^3, 4^3, 3^6, 2^5\})$	100675584
12	$\mathcal{O}(1; \{12^5, 6^3, 4^3, 3^9, 2\})$	805294080
12	$\mathcal{O}(1; \{12^5, 6^3, 4^5, 2^{10}\})$	6340608
12	$\mathcal{O}(1; \{12^5, 6^3, 4^5, 3^3, 2^6\})$	50282496
12	$\mathcal{O}(1; \{12^5, 6^3, 4^5, 3^6, 2^2\})$	402702336
12	$\mathcal{O}(1; \{12^5, 6^3, 4^7, 2^7\})$	25362432
12	$\mathcal{O}(1; \{12^5, 6^3, 4^7, 3^3, 2^3\})$	201129984
12	$\mathcal{O}(1; \{12^5, 6^3, 4^9, 2^4\})$	101449728
12	$\mathcal{O}(1; \{12^5, 6^3, 4^9, 3^3\})$	804519936
12	$\mathcal{O}(1; \{12^5, 6^3, 4^{11}, 2\})$	405798912
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 3, 2^{13}\})$	1575936
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 3^4, 2^9\})$	12579840
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 3^7, 2^5\})$	100666368
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 3^{10}, 2\})$	805303296
12	$\mathcal{O}(1; \{12^5, 6^4, 4^3, 3, 2^{10}\})$	6303744
12	$\mathcal{O}(1; \{12^5, 6^4, 4^3, 3^4, 2^6\})$	50319360
12	$\mathcal{O}(1; \{12^5, 6^4, 4^3, 3^7, 2^2\})$	402665472
12	$\mathcal{O}(1; \{12^5, 6^4, 4^5, 3, 2^7\})$	25214976

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^5, 6^4, 4^5, 3^4, 2^3\})$	201277440
12	$\mathcal{O}(1; \{12^5, 6^4, 4^7, 3, 2^4\})$	100859904
12	$\mathcal{O}(1; \{12^5, 6^4, 4^7, 3^4\})$	805109760
12	$\mathcal{O}(1; \{12^5, 6^4, 4^9, 3, 2\})$	403439616
12	$\mathcal{O}(1; \{12^5, 6^5, 4, 3^2, 2^{10}\})$	6294528
12	$\mathcal{O}(1; \{12^5, 6^5, 4, 3^5, 2^6\})$	50328576
12	$\mathcal{O}(1; \{12^5, 6^5, 4, 3^8, 2^2\})$	402656256
12	$\mathcal{O}(1; \{12^5, 6^5, 4^3, 3^2, 2^7\})$	25178112
12	$\mathcal{O}(1; \{12^5, 6^5, 4^3, 3^5, 2^3\})$	201314304
12	$\mathcal{O}(1; \{12^5, 6^5, 4^5, 3^2, 2^4\})$	100712448
12	$\mathcal{O}(1; \{12^5, 6^5, 4^5, 3^5\})$	805257216
12	$\mathcal{O}(1; \{12^5, 6^5, 4^7, 3^2, 2\})$	402849792
12	$\mathcal{O}(1; \{12^5, 6^6, 4, 2^{11}\})$	3142656
12	$\mathcal{O}(1; \{12^5, 6^6, 4, 3^3, 2^7\})$	25168896
12	$\mathcal{O}(1; \{12^5, 6^6, 4, 3^6, 2^3\})$	201323520
12	$\mathcal{O}(1; \{12^5, 6^6, 4^3, 2^8\})$	12570624
12	$\mathcal{O}(1; \{12^5, 6^6, 4^3, 3^3, 2^4\})$	100675584
12	$\mathcal{O}(1; \{12^5, 6^6, 4^3, 3^6\})$	805294080
12	$\mathcal{O}(1; \{12^5, 6^6, 4^5, 2^5\})$	50282496
12	$\mathcal{O}(1; \{12^5, 6^6, 4^5, 3^3, 2\})$	402702336
12	$\mathcal{O}(1; \{12^5, 6^6, 4^7, 2^2\})$	201129984
12	$\mathcal{O}(1; \{12^5, 6^7, 4, 3, 2^8\})$	12579840
12	$\mathcal{O}(1; \{12^5, 6^7, 4, 3^4, 2^4\})$	100666368
12	$\mathcal{O}(1; \{12^5, 6^7, 4, 3^7\})$	805303296
12	$\mathcal{O}(1; \{12^5, 6^7, 4^3, 3, 2^5\})$	50319360
12	$\mathcal{O}(1; \{12^5, 6^7, 4^3, 3^4, 2\})$	402665472
12	$\mathcal{O}(1; \{12^5, 6^7, 4^5, 3, 2^2\})$	201277440
12	$\mathcal{O}(1; \{12^5, 6^8, 4, 3^2, 2^5\})$	50328576
12	$\mathcal{O}(1; \{12^5, 6^8, 4, 3^5, 2\})$	402656256
12	$\mathcal{O}(1; \{12^5, 6^8, 4^3, 3^2, 2^2\})$	201314304
12	$\mathcal{O}(1; \{12^5, 6^9, 4, 2^6\})$	25168896
12	$\mathcal{O}(1; \{12^5, 6^9, 4, 3^3, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12^5, 6^9, 4^3, 2^3\})$	100675584
12	$\mathcal{O}(1; \{12^5, 6^9, 4^5\})$	402702336
12	$\mathcal{O}(1; \{12^5, 6^{10}, 4, 3, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12^5, 6^{10}, 4^3, 3\})$	402665472
12	$\mathcal{O}(1; \{12^5, 6^{11}, 4, 3^2\})$	402656256
12	$\mathcal{O}(1; \{12^5, 6^{12}, 4, 2\})$	201323520
12	$\mathcal{O}(1; \{12^6, 3^2, 2^{18}\})$	396288
12	$\mathcal{O}(1; \{12^6, 3^5, 2^{14}\})$	3142656
12	$\mathcal{O}(1; \{12^6, 3^8, 2^{10}\})$	25168896
12	$\mathcal{O}(1; \{12^6, 3^{11}, 2^6\})$	201323520
12	$\mathcal{O}(1; \{12^6, 3^{14}, 2^2\})$	1610615808

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^6, 4^2, 3^2, 2^{15}\})$	1585152
12	$\mathcal{O}(1; \{12^6, 4^2, 3^5, 2^{11}\})$	12570624
12	$\mathcal{O}(1; \{12^6, 4^2, 3^8, 2^7\})$	100675584
12	$\mathcal{O}(1; \{12^6, 4^2, 3^{11}, 2^3\})$	805294080
12	$\mathcal{O}(1; \{12^6, 4^4, 3^2, 2^{12}\})$	6340608
12	$\mathcal{O}(1; \{12^6, 4^4, 3^5, 2^8\})$	50282496
12	$\mathcal{O}(1; \{12^6, 4^4, 3^8, 2^4\})$	402702336
12	$\mathcal{O}(1; \{12^6, 4^4, 3^{11}\})$	3221176320
12	$\mathcal{O}(1; \{12^6, 4^6, 3^2, 2^9\})$	25362432
12	$\mathcal{O}(1; \{12^6, 4^6, 3^5, 2^5\})$	201129984
12	$\mathcal{O}(1; \{12^6, 4^6, 3^8, 2\})$	1610809344
12	$\mathcal{O}(1; \{12^6, 4^8, 3^2, 2^6\})$	101449728
12	$\mathcal{O}(1; \{12^6, 4^8, 3^5, 2^2\})$	804519936
12	$\mathcal{O}(1; \{12^6, 4^{10}, 3^2, 2^3\})$	405798912
12	$\mathcal{O}(1; \{12^6, 4^{12}, 3^2\})$	1623195648
12	$\mathcal{O}(1; \{12^6, 6, 2^{19}\})$	193536
12	$\mathcal{O}(1; \{12^6, 6, 3^3, 2^{15}\})$	1575936
12	$\mathcal{O}(1; \{12^6, 6, 3^6, 2^{11}\})$	12579840
12	$\mathcal{O}(1; \{12^6, 6, 3^9, 2^7\})$	100666368
12	$\mathcal{O}(1; \{12^6, 6, 3^{12}, 2^3\})$	805303296
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 2^{16}\})$	774144
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^3, 2^{12}\})$	6303744
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^6, 2^8\})$	50319360
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^9, 2^4\})$	402665472
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^{12}\})$	3221213184
12	$\mathcal{O}(1; \{12^6, 6, 4^4, 2^{13}\})$	3096576
12	$\mathcal{O}(1; \{12^6, 6, 4^4, 3^3, 2^9\})$	25214976
12	$\mathcal{O}(1; \{12^6, 6, 4^4, 3^6, 2^5\})$	201277440
12	$\mathcal{O}(1; \{12^6, 6, 4^4, 3^9, 2\})$	1610661888
12	$\mathcal{O}(1; \{12^6, 6, 4^6, 2^{10}\})$	12386304
12	$\mathcal{O}(1; \{12^6, 6, 4^6, 3^3, 2^6\})$	100859904
12	$\mathcal{O}(1; \{12^6, 6, 4^6, 3^6, 2^2\})$	805109760
12	$\mathcal{O}(1; \{12^6, 6, 4^8, 2^7\})$	49545216
12	$\mathcal{O}(1; \{12^6, 6, 4^8, 3^3, 2^3\})$	403439616
12	$\mathcal{O}(1; \{12^6, 6, 4^{10}, 2^4\})$	198180864
12	$\mathcal{O}(1; \{12^6, 6, 4^{10}, 3^3\})$	1613758464
12	$\mathcal{O}(1; \{12^6, 6, 4^{12}, 2\})$	792723456
12	$\mathcal{O}(1; \{12^6, 6^2, 3, 2^{16}\})$	783360
12	$\mathcal{O}(1; \{12^6, 6^2, 3^4, 2^{12}\})$	6294528
12	$\mathcal{O}(1; \{12^6, 6^2, 3^7, 2^8\})$	50328576
12	$\mathcal{O}(1; \{12^6, 6^2, 3^{10}, 2^4\})$	402656256
12	$\mathcal{O}(1; \{12^6, 6^2, 3^{13}\})$	3221222400
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 3, 2^{13}\})$	3133440

Continued on next page

Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 3^4, 2^9\})$	25178112
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 3^7, 2^5\})$	201314304
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 3^{10}, 2\})$	1610625024
12	$\mathcal{O}(1; \{12^6, 6^2, 4^4, 3, 2^{10}\})$	12533760
12	$\mathcal{O}(1; \{12^6, 6^2, 4^4, 3^4, 2^6\})$	100712448
12	$\mathcal{O}(1; \{12^6, 6^2, 4^4, 3^7, 2^2\})$	805257216
12	$\mathcal{O}(1; \{12^6, 6^2, 4^6, 3, 2^7\})$	50135040
12	$\mathcal{O}(1; \{12^6, 6^2, 4^6, 3^4, 2^3\})$	402849792
12	$\mathcal{O}(1; \{12^6, 6^2, 4^8, 3, 2^4\})$	200540160
12	$\mathcal{O}(1; \{12^6, 6^2, 4^8, 3^4\})$	1611399168
12	$\mathcal{O}(1; \{12^6, 6^2, 4^{10}, 3, 2\})$	802160640
12	$\mathcal{O}(1; \{12^6, 6^3, 3^2, 2^{13}\})$	3142656
12	$\mathcal{O}(1; \{12^6, 6^3, 3^5, 2^9\})$	25168896
12	$\mathcal{O}(1; \{12^6, 6^3, 3^8, 2^5\})$	201323520
12	$\mathcal{O}(1; \{12^6, 6^3, 3^{11}, 2\})$	1610615808
12	$\mathcal{O}(1; \{12^6, 6^3, 4^2, 3^2, 2^{10}\})$	12570624
12	$\mathcal{O}(1; \{12^6, 6^3, 4^2, 3^5, 2^6\})$	100675584
12	$\mathcal{O}(1; \{12^6, 6^3, 4^2, 3^8, 2^2\})$	805294080
12	$\mathcal{O}(1; \{12^6, 6^3, 4^4, 3^2, 2^7\})$	50282496
12	$\mathcal{O}(1; \{12^6, 6^3, 4^4, 3^5, 2^3\})$	402702336
12	$\mathcal{O}(1; \{12^6, 6^3, 4^6, 3^2, 2^4\})$	201129984
12	$\mathcal{O}(1; \{12^6, 6^3, 4^6, 3^5\})$	1610809344
12	$\mathcal{O}(1; \{12^6, 6^3, 4^8, 3^2, 2\})$	804519936
12	$\mathcal{O}(1; \{12^6, 6^4, 2^{14}\})$	1575936
12	$\mathcal{O}(1; \{12^6, 6^4, 3^3, 2^{10}\})$	12579840
12	$\mathcal{O}(1; \{12^6, 6^4, 3^6, 2^6\})$	100666368
12	$\mathcal{O}(1; \{12^6, 6^4, 3^9, 2^2\})$	805303296
12	$\mathcal{O}(1; \{12^6, 6^4, 4^2, 2^{11}\})$	6303744
12	$\mathcal{O}(1; \{12^6, 6^4, 4^2, 3^3, 2^7\})$	50319360
12	$\mathcal{O}(1; \{12^6, 6^4, 4^2, 3^6, 2^3\})$	402665472
12	$\mathcal{O}(1; \{12^6, 6^4, 4^4, 2^8\})$	25214976
12	$\mathcal{O}(1; \{12^6, 6^4, 4^4, 3^3, 2^4\})$	201277440
12	$\mathcal{O}(1; \{12^6, 6^4, 4^4, 3^6\})$	1610661888
12	$\mathcal{O}(1; \{12^6, 6^4, 4^6, 2^5\})$	100859904
12	$\mathcal{O}(1; \{12^6, 6^4, 4^6, 3^3, 2\})$	805109760
12	$\mathcal{O}(1; \{12^6, 6^4, 4^8, 2^2\})$	403439616
12	$\mathcal{O}(1; \{12^6, 6^5, 3, 2^{11}\})$	6294528
12	$\mathcal{O}(1; \{12^6, 6^5, 3^4, 2^7\})$	50328576
12	$\mathcal{O}(1; \{12^6, 6^5, 3^7, 2^3\})$	402656256
12	$\mathcal{O}(1; \{12^6, 6^5, 4^2, 3, 2^8\})$	25178112
12	$\mathcal{O}(1; \{12^6, 6^5, 4^2, 3^4, 2^4\})$	201314304
12	$\mathcal{O}(1; \{12^6, 6^5, 4^2, 3^7\})$	1610625024
12	$\mathcal{O}(1; \{12^6, 6^5, 4^4, 3, 2^5\})$	100712448

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^6, 6^5, 4^4, 3^4, 2\})$	805257216
12	$\mathcal{O}(1; \{12^6, 6^5, 4^6, 3, 2^2\})$	402849792
12	$\mathcal{O}(1; \{12^6, 6^6, 3^2, 2^8\})$	25168896
12	$\mathcal{O}(1; \{12^6, 6^6, 3^5, 2^4\})$	201323520
12	$\mathcal{O}(1; \{12^6, 6^6, 3^8\})$	1610615808
12	$\mathcal{O}(1; \{12^6, 6^6, 4^2, 3^2, 2^5\})$	100675584
12	$\mathcal{O}(1; \{12^6, 6^6, 4^2, 3^5, 2\})$	805294080
12	$\mathcal{O}(1; \{12^6, 6^6, 4^4, 3^2, 2^2\})$	402702336
12	$\mathcal{O}(1; \{12^6, 6^7, 2^9\})$	12579840
12	$\mathcal{O}(1; \{12^6, 6^7, 3^3, 2^5\})$	100666368
12	$\mathcal{O}(1; \{12^6, 6^7, 3^6, 2\})$	805303296
12	$\mathcal{O}(1; \{12^6, 6^7, 4^2, 2^6\})$	50319360
12	$\mathcal{O}(1; \{12^6, 6^7, 4^2, 3^3, 2^2\})$	402665472
12	$\mathcal{O}(1; \{12^6, 6^7, 4^4, 2^3\})$	201277440
12	$\mathcal{O}(1; \{12^6, 6^7, 4^6\})$	805109760
12	$\mathcal{O}(1; \{12^6, 6^8, 3, 2^6\})$	50328576
12	$\mathcal{O}(1; \{12^6, 6^8, 3^4, 2^2\})$	402656256
12	$\mathcal{O}(1; \{12^6, 6^8, 4^2, 3, 2^3\})$	201314304
12	$\mathcal{O}(1; \{12^6, 6^8, 4^4, 3\})$	805257216
12	$\mathcal{O}(1; \{12^6, 6^9, 3^2, 2^3\})$	201323520
12	$\mathcal{O}(1; \{12^6, 6^9, 4^2, 3^2\})$	805294080
12	$\mathcal{O}(1; \{12^6, 6^{10}, 2^4\})$	100666368
12	$\mathcal{O}(1; \{12^6, 6^{10}, 3^3\})$	805303296
12	$\mathcal{O}(1; \{12^6, 6^{10}, 4^2, 2\})$	402665472
12	$\mathcal{O}(1; \{12^6, 6^{11}, 3, 2\})$	402656256
12	$\mathcal{O}(1; \{12^7, 4, 3, 2^{16}\})$	1585152
12	$\mathcal{O}(1; \{12^7, 4, 3^4, 2^{12}\})$	12570624
12	$\mathcal{O}(1; \{12^7, 4, 3^7, 2^8\})$	100675584
12	$\mathcal{O}(1; \{12^7, 4, 3^{10}, 2^4\})$	805294080
12	$\mathcal{O}(1; \{12^7, 4, 3^{13}\})$	6442463232
12	$\mathcal{O}(1; \{12^7, 4^3, 3, 2^{13}\})$	6340608
12	$\mathcal{O}(1; \{12^7, 4^3, 3^4, 2^9\})$	50282496
12	$\mathcal{O}(1; \{12^7, 4^3, 3^7, 2^5\})$	402702336
12	$\mathcal{O}(1; \{12^7, 4^3, 3^{10}, 2\})$	3221176320
12	$\mathcal{O}(1; \{12^7, 4^5, 3, 2^{10}\})$	25362432
12	$\mathcal{O}(1; \{12^7, 4^5, 3^4, 2^6\})$	201129984
12	$\mathcal{O}(1; \{12^7, 4^5, 3^7, 2^2\})$	1610809344
12	$\mathcal{O}(1; \{12^7, 4^7, 3, 2^7\})$	101449728
12	$\mathcal{O}(1; \{12^7, 4^7, 3^4, 2^3\})$	804519936
12	$\mathcal{O}(1; \{12^7, 4^9, 3, 2^4\})$	405798912
12	$\mathcal{O}(1; \{12^7, 4^9, 3^4\})$	3218079744
12	$\mathcal{O}(1; \{12^7, 4^{11}, 3, 2\})$	1623195648
12	$\mathcal{O}(1; \{12^7, 6, 4, 3^2, 2^{13}\})$	6303744

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^7, 6, 4, 3^5, 2^9\})$	50319360
12	$\mathcal{O}(1; \{12^7, 6, 4, 3^8, 2^5\})$	402665472
12	$\mathcal{O}(1; \{12^7, 6, 4, 3^{11}, 2\})$	3221213184
12	$\mathcal{O}(1; \{12^7, 6, 4^3, 3^2, 2^{10}\})$	25214976
12	$\mathcal{O}(1; \{12^7, 6, 4^3, 3^5, 2^6\})$	201277440
12	$\mathcal{O}(1; \{12^7, 6, 4^3, 3^8, 2^2\})$	1610661888
12	$\mathcal{O}(1; \{12^7, 6, 4^5, 3^2, 2^7\})$	100859904
12	$\mathcal{O}(1; \{12^7, 6, 4^5, 3^5, 2^3\})$	805109760
12	$\mathcal{O}(1; \{12^7, 6, 4^7, 3^2, 2^4\})$	403439616
12	$\mathcal{O}(1; \{12^7, 6, 4^7, 3^5\})$	3220439040
12	$\mathcal{O}(1; \{12^7, 6, 4^9, 3^2, 2\})$	1613758464
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 2^{14}\})$	3133440
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 3^3, 2^{10}\})$	25178112
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 3^6, 2^6\})$	201314304
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 3^9, 2^2\})$	1610625024
12	$\mathcal{O}(1; \{12^7, 6^2, 4^3, 2^{11}\})$	12533760
12	$\mathcal{O}(1; \{12^7, 6^2, 4^3, 3^3, 2^7\})$	100712448
12	$\mathcal{O}(1; \{12^7, 6^2, 4^3, 3^6, 2^3\})$	805257216
12	$\mathcal{O}(1; \{12^7, 6^2, 4^5, 2^8\})$	50135040
12	$\mathcal{O}(1; \{12^7, 6^2, 4^5, 3^3, 2^4\})$	402849792
12	$\mathcal{O}(1; \{12^7, 6^2, 4^5, 3^6\})$	3221028864
12	$\mathcal{O}(1; \{12^7, 6^2, 4^7, 2^5\})$	200540160
12	$\mathcal{O}(1; \{12^7, 6^2, 4^7, 3^3, 2\})$	1611399168
12	$\mathcal{O}(1; \{12^7, 6^2, 4^9, 2^2\})$	802160640
12	$\mathcal{O}(1; \{12^7, 6^3, 4, 3, 2^{11}\})$	12570624
12	$\mathcal{O}(1; \{12^7, 6^3, 4, 3^4, 2^7\})$	100675584
12	$\mathcal{O}(1; \{12^7, 6^3, 4, 3^7, 2^3\})$	805294080
12	$\mathcal{O}(1; \{12^7, 6^3, 4^3, 3, 2^8\})$	50282496
12	$\mathcal{O}(1; \{12^7, 6^3, 4^3, 3^4, 2^4\})$	402702336
12	$\mathcal{O}(1; \{12^7, 6^3, 4^3, 3^7\})$	3221176320
12	$\mathcal{O}(1; \{12^7, 6^3, 4^5, 3, 2^5\})$	201129984
12	$\mathcal{O}(1; \{12^7, 6^3, 4^5, 3^4, 2\})$	1610809344
12	$\mathcal{O}(1; \{12^7, 6^3, 4^7, 3, 2^2\})$	804519936
12	$\mathcal{O}(1; \{12^7, 6^4, 4, 3^2, 2^8\})$	50319360
12	$\mathcal{O}(1; \{12^7, 6^4, 4, 3^5, 2^4\})$	402665472
12	$\mathcal{O}(1; \{12^7, 6^4, 4, 3^8\})$	3221213184
12	$\mathcal{O}(1; \{12^7, 6^4, 4^3, 3^2, 2^5\})$	201277440
12	$\mathcal{O}(1; \{12^7, 6^4, 4^3, 3^5, 2\})$	1610661888
12	$\mathcal{O}(1; \{12^7, 6^4, 4^5, 3^2, 2^2\})$	805109760
12	$\mathcal{O}(1; \{12^7, 6^5, 4, 2^9\})$	25178112
12	$\mathcal{O}(1; \{12^7, 6^5, 4, 3^3, 2^5\})$	201314304
12	$\mathcal{O}(1; \{12^7, 6^5, 4, 3^6, 2\})$	1610625024
12	$\mathcal{O}(1; \{12^7, 6^5, 4^3, 2^6\})$	100712448

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^7, 6^5, 4^3, 3^3, 2^2\})$	805257216
12	$\mathcal{O}(1; \{12^7, 6^5, 4^5, 2^3\})$	402849792
12	$\mathcal{O}(1; \{12^7, 6^5, 4^7\})$	1611399168
12	$\mathcal{O}(1; \{12^7, 6^6, 4, 3, 2^6\})$	100675584
12	$\mathcal{O}(1; \{12^7, 6^6, 4, 3^4, 2^2\})$	805294080
12	$\mathcal{O}(1; \{12^7, 6^6, 4^3, 3, 2^3\})$	402702336
12	$\mathcal{O}(1; \{12^7, 6^6, 4^5, 3\})$	1610809344
12	$\mathcal{O}(1; \{12^7, 6^7, 4, 3^2, 2^3\})$	402665472
12	$\mathcal{O}(1; \{12^7, 6^7, 4^3, 3^2\})$	1610661888
12	$\mathcal{O}(1; \{12^7, 6^8, 4, 2^4\})$	201314304
12	$\mathcal{O}(1; \{12^7, 6^8, 4, 3^3\})$	1610625024
12	$\mathcal{O}(1; \{12^7, 6^8, 4^3, 2\})$	805257216
12	$\mathcal{O}(1; \{12^7, 6^9, 4, 3, 2\})$	805294080
12	$\mathcal{O}(1; \{12^8, 2^{17}\})$	1585152
12	$\mathcal{O}(1; \{12^8, 3^3, 2^{13}\})$	12570624
12	$\mathcal{O}(1; \{12^8, 3^6, 2^9\})$	100675584
12	$\mathcal{O}(1; \{12^8, 3^9, 2^5\})$	805294080
12	$\mathcal{O}(1; \{12^8, 3^{12}, 2\})$	6442463232
12	$\mathcal{O}(1; \{12^8, 4^2, 2^{14}\})$	6340608
12	$\mathcal{O}(1; \{12^8, 4^2, 3^3, 2^{10}\})$	50282496
12	$\mathcal{O}(1; \{12^8, 4^2, 3^6, 2^6\})$	402702336
12	$\mathcal{O}(1; \{12^8, 4^2, 3^9, 2^2\})$	3221176320
12	$\mathcal{O}(1; \{12^8, 4^4, 2^{11}\})$	25362432
12	$\mathcal{O}(1; \{12^8, 4^4, 3^3, 2^7\})$	201129984
12	$\mathcal{O}(1; \{12^8, 4^4, 3^6, 2^3\})$	1610809344
12	$\mathcal{O}(1; \{12^8, 4^6, 2^8\})$	101449728
12	$\mathcal{O}(1; \{12^8, 4^6, 3^3, 2^4\})$	804519936
12	$\mathcal{O}(1; \{12^8, 4^6, 3^6\})$	6443237376
12	$\mathcal{O}(1; \{12^8, 4^8, 2^5\})$	405798912
12	$\mathcal{O}(1; \{12^8, 4^8, 3^3, 2\})$	3218079744
12	$\mathcal{O}(1; \{12^8, 4^{10}, 2^2\})$	1623195648
12	$\mathcal{O}(1; \{12^8, 6, 3, 2^{14}\})$	6303744
12	$\mathcal{O}(1; \{12^8, 6, 3^4, 2^{10}\})$	50319360
12	$\mathcal{O}(1; \{12^8, 6, 3^7, 2^6\})$	402665472
12	$\mathcal{O}(1; \{12^8, 6, 3^{10}, 2^2\})$	3221213184
12	$\mathcal{O}(1; \{12^8, 6, 4^2, 3, 2^{11}\})$	25214976
12	$\mathcal{O}(1; \{12^8, 6, 4^2, 3^4, 2^7\})$	201277440
12	$\mathcal{O}(1; \{12^8, 6, 4^2, 3^7, 2^3\})$	1610661888
12	$\mathcal{O}(1; \{12^8, 6, 4^4, 3, 2^8\})$	100859904
12	$\mathcal{O}(1; \{12^8, 6, 4^4, 3^4, 2^4\})$	805109760
12	$\mathcal{O}(1; \{12^8, 6, 4^4, 3^7\})$	6442647552
12	$\mathcal{O}(1; \{12^8, 6, 4^6, 3, 2^5\})$	403439616
12	$\mathcal{O}(1; \{12^8, 6, 4^6, 3^4, 2\})$	3220439040

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^8, 6, 4^8, 3, 2^2\})$	1613758464
12	$\mathcal{O}(1; \{12^8, 6^2, 3^2, 2^{11}\})$	25178112
12	$\mathcal{O}(1; \{12^8, 6^2, 3^5, 2^7\})$	201314304
12	$\mathcal{O}(1; \{12^8, 6^2, 3^8, 2^3\})$	1610625024
12	$\mathcal{O}(1; \{12^8, 6^2, 4^2, 3^2, 2^8\})$	100712448
12	$\mathcal{O}(1; \{12^8, 6^2, 4^2, 3^5, 2^4\})$	805257216
12	$\mathcal{O}(1; \{12^8, 6^2, 4^2, 3^8\})$	6442500096
12	$\mathcal{O}(1; \{12^8, 6^2, 4^4, 3^2, 2^5\})$	402849792
12	$\mathcal{O}(1; \{12^8, 6^2, 4^4, 3^5, 2\})$	3221028864
12	$\mathcal{O}(1; \{12^8, 6^2, 4^6, 3^2, 2^2\})$	1611399168
12	$\mathcal{O}(1; \{12^8, 6^3, 2^{12}\})$	12570624
12	$\mathcal{O}(1; \{12^8, 6^3, 3^3, 2^8\})$	100675584
12	$\mathcal{O}(1; \{12^8, 6^3, 3^6, 2^4\})$	805294080
12	$\mathcal{O}(1; \{12^8, 6^3, 3^9\})$	6442463232
12	$\mathcal{O}(1; \{12^8, 6^3, 4^2, 2^9\})$	50282496
12	$\mathcal{O}(1; \{12^8, 6^3, 4^2, 3^3, 2^5\})$	402702336
12	$\mathcal{O}(1; \{12^8, 6^3, 4^2, 3^6, 2\})$	3221176320
12	$\mathcal{O}(1; \{12^8, 6^3, 4^4, 2^6\})$	201129984
12	$\mathcal{O}(1; \{12^8, 6^3, 4^4, 3^3, 2^2\})$	1610809344
12	$\mathcal{O}(1; \{12^8, 6^3, 4^6, 2^3\})$	804519936
12	$\mathcal{O}(1; \{12^8, 6^3, 4^8\})$	3218079744
12	$\mathcal{O}(1; \{12^8, 6^4, 3, 2^9\})$	50319360
12	$\mathcal{O}(1; \{12^8, 6^4, 3^4, 2^5\})$	402665472
12	$\mathcal{O}(1; \{12^8, 6^4, 3^7, 2\})$	3221213184
12	$\mathcal{O}(1; \{12^8, 6^4, 4^2, 3, 2^6\})$	201277440
12	$\mathcal{O}(1; \{12^8, 6^4, 4^2, 3^4, 2^2\})$	1610661888
12	$\mathcal{O}(1; \{12^8, 6^4, 4^4, 3, 2^3\})$	805109760
12	$\mathcal{O}(1; \{12^8, 6^4, 4^6, 3\})$	3220439040
12	$\mathcal{O}(1; \{12^8, 6^5, 3^2, 2^6\})$	201314304
12	$\mathcal{O}(1; \{12^8, 6^5, 3^5, 2^2\})$	1610625024
12	$\mathcal{O}(1; \{12^8, 6^5, 4^2, 3^2, 2^3\})$	805257216
12	$\mathcal{O}(1; \{12^8, 6^5, 4^4, 3^2\})$	3221028864
12	$\mathcal{O}(1; \{12^8, 6^6, 2^7\})$	100675584
12	$\mathcal{O}(1; \{12^8, 6^6, 3^3, 2^3\})$	805294080
12	$\mathcal{O}(1; \{12^8, 6^6, 4^2, 2^4\})$	402702336
12	$\mathcal{O}(1; \{12^8, 6^6, 4^2, 3^3\})$	3221176320
12	$\mathcal{O}(1; \{12^8, 6^6, 4^4, 2\})$	1610809344
12	$\mathcal{O}(1; \{12^8, 6^7, 3, 2^4\})$	402665472
12	$\mathcal{O}(1; \{12^8, 6^7, 3^4\})$	3221213184
12	$\mathcal{O}(1; \{12^8, 6^7, 4^2, 3, 2\})$	1610661888
12	$\mathcal{O}(1; \{12^8, 6^8, 3^2, 2\})$	1610625024
12	$\mathcal{O}(1; \{12^8, 6^9, 2^2\})$	805294080
12	$\mathcal{O}(1; \{12^9, 4, 3^2, 2^{11}\})$	50282496

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^9, 4, 3^5, 2^7\})$	402702336
12	$\mathcal{O}(1; \{12^9, 4, 3^8, 2^3\})$	3221176320
12	$\mathcal{O}(1; \{12^9, 4^3, 3^2, 2^8\})$	201129984
12	$\mathcal{O}(1; \{12^9, 4^3, 3^5, 2^4\})$	1610809344
12	$\mathcal{O}(1; \{12^9, 4^3, 3^8\})$	12884705280
12	$\mathcal{O}(1; \{12^9, 4^5, 3^2, 2^5\})$	804519936
12	$\mathcal{O}(1; \{12^9, 4^5, 3^5, 2\})$	6443237376
12	$\mathcal{O}(1; \{12^9, 4^7, 3^2, 2^2\})$	3218079744
12	$\mathcal{O}(1; \{12^9, 6, 4, 2^{12}\})$	25214976
12	$\mathcal{O}(1; \{12^9, 6, 4, 3^3, 2^8\})$	201277440
12	$\mathcal{O}(1; \{12^9, 6, 4, 3^6, 2^4\})$	1610661888
12	$\mathcal{O}(1; \{12^9, 6, 4, 3^9\})$	12884852736
12	$\mathcal{O}(1; \{12^9, 6, 4^3, 2^9\})$	100859904
12	$\mathcal{O}(1; \{12^9, 6, 4^3, 3^3, 2^5\})$	805109760
12	$\mathcal{O}(1; \{12^9, 6, 4^3, 3^6, 2\})$	6442647552
12	$\mathcal{O}(1; \{12^9, 6, 4^5, 2^6\})$	403439616
12	$\mathcal{O}(1; \{12^9, 6, 4^5, 3^3, 2^2\})$	3220439040
12	$\mathcal{O}(1; \{12^9, 6, 4^7, 2^3\})$	1613758464
12	$\mathcal{O}(1; \{12^9, 6, 4^9\})$	6455033856
12	$\mathcal{O}(1; \{12^9, 6^2, 4, 3, 2^9\})$	100712448
12	$\mathcal{O}(1; \{12^9, 6^2, 4, 3^4, 2^5\})$	805257216
12	$\mathcal{O}(1; \{12^9, 6^2, 4, 3^7, 2\})$	6442500096
12	$\mathcal{O}(1; \{12^9, 6^2, 4^3, 3, 2^6\})$	402849792
12	$\mathcal{O}(1; \{12^9, 6^2, 4^3, 3^4, 2^2\})$	3221028864
12	$\mathcal{O}(1; \{12^9, 6^2, 4^5, 3, 2^3\})$	1611399168
12	$\mathcal{O}(1; \{12^9, 6^2, 4^7, 3\})$	6445596672
12	$\mathcal{O}(1; \{12^9, 6^3, 4, 3^2, 2^6\})$	402702336
12	$\mathcal{O}(1; \{12^9, 6^3, 4, 3^5, 2^2\})$	3221176320
12	$\mathcal{O}(1; \{12^9, 6^3, 4^3, 3^2, 2^3\})$	1610809344
12	$\mathcal{O}(1; \{12^9, 6^3, 4^5, 3^2\})$	6443237376
12	$\mathcal{O}(1; \{12^9, 6^4, 4, 2^7\})$	201277440
12	$\mathcal{O}(1; \{12^9, 6^4, 4, 3^3, 2^3\})$	1610661888
12	$\mathcal{O}(1; \{12^9, 6^4, 4^3, 2^4\})$	805109760
12	$\mathcal{O}(1; \{12^9, 6^4, 4^3, 3^3\})$	6442647552
12	$\mathcal{O}(1; \{12^9, 6^4, 4^5, 2\})$	3220439040
12	$\mathcal{O}(1; \{12^9, 6^5, 4, 3, 2^4\})$	805257216
12	$\mathcal{O}(1; \{12^9, 6^5, 4, 3^4\})$	6442500096
12	$\mathcal{O}(1; \{12^9, 6^5, 4^3, 3, 2\})$	3221028864
12	$\mathcal{O}(1; \{12^9, 6^6, 4, 3^2, 2\})$	3221176320
12	$\mathcal{O}(1; \{12^9, 6^7, 4, 2^2\})$	1610661888
12	$\mathcal{O}(1; \{12^{10}, 3, 2^{12}\})$	50282496
12	$\mathcal{O}(1; \{12^{10}, 3^4, 2^8\})$	402702336
12	$\mathcal{O}(1; \{12^{10}, 3^7, 2^4\})$	3221176320

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^{10}, 3^{10}\})$	25769852928
12	$\mathcal{O}(1; \{12^{10}, 4^2, 3, 2^9\})$	201129984
12	$\mathcal{O}(1; \{12^{10}, 4^2, 3^4, 2^5\})$	1610809344
12	$\mathcal{O}(1; \{12^{10}, 4^2, 3^7, 2\})$	12884705280
12	$\mathcal{O}(1; \{12^{10}, 4^4, 3, 2^6\})$	804519936
12	$\mathcal{O}(1; \{12^{10}, 4^4, 3^4, 2^2\})$	6443237376
12	$\mathcal{O}(1; \{12^{10}, 4^6, 3, 2^3\})$	3218079744
12	$\mathcal{O}(1; \{12^{10}, 4^8, 3\})$	12872318976
12	$\mathcal{O}(1; \{12^{10}, 6, 3^2, 2^9\})$	201277440
12	$\mathcal{O}(1; \{12^{10}, 6, 3^5, 2^5\})$	1610661888
12	$\mathcal{O}(1; \{12^{10}, 6, 3^8, 2\})$	12884852736
12	$\mathcal{O}(1; \{12^{10}, 6, 4^2, 3^2, 2^6\})$	805109760
12	$\mathcal{O}(1; \{12^{10}, 6, 4^2, 3^5, 2^2\})$	6442647552
12	$\mathcal{O}(1; \{12^{10}, 6, 4^4, 3^2, 2^3\})$	3220439040
12	$\mathcal{O}(1; \{12^{10}, 6, 4^6, 3^2\})$	12881756160
12	$\mathcal{O}(1; \{12^{10}, 6^2, 2^{10}\})$	100712448
12	$\mathcal{O}(1; \{12^{10}, 6^2, 3^3, 2^6\})$	805257216
12	$\mathcal{O}(1; \{12^{10}, 6^2, 3^6, 2^2\})$	6442500096
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^2, 2^7\})$	402849792
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^2, 3^3, 2^3\})$	3221028864
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^4, 2^4\})$	1611399168
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^4, 3^3\})$	12884115456
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^6, 2\})$	6445596672
12	$\mathcal{O}(1; \{12^{10}, 6^3, 3, 2^7\})$	402702336
12	$\mathcal{O}(1; \{12^{10}, 6^3, 3^4, 2^3\})$	3221176320
12	$\mathcal{O}(1; \{12^{10}, 6^3, 4^2, 3, 2^4\})$	1610809344
12	$\mathcal{O}(1; \{12^{10}, 6^3, 4^2, 3^4\})$	12884705280
12	$\mathcal{O}(1; \{12^{10}, 6^3, 4^4, 3, 2\})$	6443237376
12	$\mathcal{O}(1; \{12^{10}, 6^4, 3^2, 2^4\})$	1610661888
12	$\mathcal{O}(1; \{12^{10}, 6^4, 3^5\})$	12884852736
12	$\mathcal{O}(1; \{12^{10}, 6^4, 4^2, 3^2, 2\})$	6442647552
12	$\mathcal{O}(1; \{12^{10}, 6^5, 2^5\})$	805257216
12	$\mathcal{O}(1; \{12^{10}, 6^5, 3^3, 2\})$	6442500096
12	$\mathcal{O}(1; \{12^{10}, 6^5, 4^2, 2^2\})$	3221028864
12	$\mathcal{O}(1; \{12^{10}, 6^6, 3, 2^2\})$	3221176320
12	$\mathcal{O}(1; \{12^{10}, 6^8\})$	6442500096
12	$\mathcal{O}(1; \{12^{11}, 4, 2^{10}\})$	201129984
12	$\mathcal{O}(1; \{12^{11}, 4, 3^3, 2^6\})$	1610809344
12	$\mathcal{O}(1; \{12^{11}, 4, 3^6, 2^2\})$	12884705280
12	$\mathcal{O}(1; \{12^{11}, 4^3, 2^7\})$	804519936
12	$\mathcal{O}(1; \{12^{11}, 4^3, 3^3, 2^3\})$	6443237376
12	$\mathcal{O}(1; \{12^{11}, 4^5, 2^4\})$	3218079744
12	$\mathcal{O}(1; \{12^{11}, 4^5, 3^3\})$	25772949504

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^{11}, 4^7, 2\})$	12872318976
12	$\mathcal{O}(1; \{12^{11}, 6, 4, 3, 2^7\})$	805109760
12	$\mathcal{O}(1; \{12^{11}, 6, 4, 3^4, 2^3\})$	6442647552
12	$\mathcal{O}(1; \{12^{11}, 6, 4^3, 3, 2^4\})$	3220439040
12	$\mathcal{O}(1; \{12^{11}, 6, 4^3, 3^4\})$	25770590208
12	$\mathcal{O}(1; \{12^{11}, 6, 4^5, 3, 2\})$	12881756160
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4, 3^2, 2^4\})$	3221028864
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4, 3^5\})$	25770000384
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4^3, 3^2, 2\})$	12884115456
12	$\mathcal{O}(1; \{12^{11}, 6^3, 4, 2^5\})$	1610809344
12	$\mathcal{O}(1; \{12^{11}, 6^3, 4, 3^3, 2\})$	12884705280
12	$\mathcal{O}(1; \{12^{11}, 6^3, 4^3, 2^2\})$	6443237376
12	$\mathcal{O}(1; \{12^{11}, 6^4, 4, 3, 2^2\})$	6442647552
12	$\mathcal{O}(1; \{12^{11}, 6^6, 4\})$	12884705280
12	$\mathcal{O}(1; \{12^{12}, 3^2, 2^7\})$	1610809344
12	$\mathcal{O}(1; \{12^{12}, 3^5, 2^3\})$	12884705280
12	$\mathcal{O}(1; \{12^{12}, 4^2, 3^2, 2^4\})$	6443237376
12	$\mathcal{O}(1; \{12^{12}, 4^2, 3^5\})$	51538821120
12	$\mathcal{O}(1; \{12^{12}, 4^4, 3^2, 2\})$	25772949504
12	$\mathcal{O}(1; \{12^{12}, 6, 2^8\})$	805109760
12	$\mathcal{O}(1; \{12^{12}, 6, 3^3, 2^4\})$	6442647552
12	$\mathcal{O}(1; \{12^{12}, 6, 3^6\})$	51539410944
12	$\mathcal{O}(1; \{12^{12}, 6, 4^2, 2^5\})$	3220439040
12	$\mathcal{O}(1; \{12^{12}, 6, 4^2, 3^3, 2\})$	25770590208
12	$\mathcal{O}(1; \{12^{12}, 6, 4^4, 2^2\})$	12881756160
12	$\mathcal{O}(1; \{12^{12}, 6^2, 3, 2^5\})$	3221028864
12	$\mathcal{O}(1; \{12^{12}, 6^2, 3^4, 2\})$	25770000384
12	$\mathcal{O}(1; \{12^{12}, 6^2, 4^2, 3, 2^2\})$	12884115456
12	$\mathcal{O}(1; \{12^{12}, 6^3, 3^2, 2^2\})$	12884705280
12	$\mathcal{O}(1; \{12^{12}, 6^4, 2^3\})$	6442647552
12	$\mathcal{O}(1; \{12^{12}, 6^4, 4^2\})$	25770590208
12	$\mathcal{O}(1; \{12^{12}, 6^5, 3\})$	25770000384
12	$\mathcal{O}(1; \{12^{13}, 4, 3, 2^5\})$	6443237376
12	$\mathcal{O}(1; \{12^{13}, 4, 3^4, 2\})$	51538821120
12	$\mathcal{O}(1; \{12^{13}, 4^3, 3, 2^2\})$	25772949504
12	$\mathcal{O}(1; \{12^{13}, 6, 4, 3^2, 2^2\})$	25770590208
12	$\mathcal{O}(1; \{12^{13}, 6^2, 4, 2^3\})$	12884115456
12	$\mathcal{O}(1; \{12^{13}, 6^2, 4^3\})$	51536461824
12	$\mathcal{O}(1; \{12^{13}, 6^3, 4, 3\})$	51538821120
12	$\mathcal{O}(1; \{12^{14}, 2^6\})$	6443237376
12	$\mathcal{O}(1; \{12^{14}, 3^3, 2^2\})$	51538821120
12	$\mathcal{O}(1; \{12^{14}, 4^2, 2^3\})$	25772949504
12	$\mathcal{O}(1; \{12^{14}, 4^4\})$	103091798016

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^{14}, 6, 3, 2^3\})$	25770590208
12	$\mathcal{O}(1; \{12^{14}, 6, 4^2, 3\})$	103082360832
12	$\mathcal{O}(1; \{12^{14}, 6^2, 3^2\})$	103080001536
12	$\mathcal{O}(1; \{12^{14}, 6^3, 2\})$	51538821120
12	$\mathcal{O}(1; \{12^{15}, 4, 3^2\})$	206155284480
12	$\mathcal{O}(1; \{12^{15}, 6, 4, 2\})$	103082360832
12	$\mathcal{O}(1; \{12^{16}, 3, 2\})$	206155284480
12	$\mathcal{O}(0; \{4^2, 3^2, 2^{30}\})$	4
12	$\mathcal{O}(0; \{4^2, 3^5, 2^{26}\})$	20
12	$\mathcal{O}(0; \{4^2, 3^8, 2^{22}\})$	172
12	$\mathcal{O}(0; \{4^2, 3^{11}, 2^{18}\})$	1364
12	$\mathcal{O}(0; \{4^2, 3^{14}, 2^{14}\})$	10924
12	$\mathcal{O}(0; \{4^2, 3^{17}, 2^{10}\})$	87380
12	$\mathcal{O}(0; \{4^2, 3^{20}, 2^6\})$	699052
12	$\mathcal{O}(0; \{4^2, 3^{23}, 2^2\})$	5592404
12	$\mathcal{O}(0; \{4^4, 3^2, 2^{27}\})$	16
12	$\mathcal{O}(0; \{4^4, 3^5, 2^{23}\})$	80
12	$\mathcal{O}(0; \{4^4, 3^8, 2^{19}\})$	688
12	$\mathcal{O}(0; \{4^4, 3^{11}, 2^{15}\})$	5456
12	$\mathcal{O}(0; \{4^4, 3^{14}, 2^{11}\})$	43696
12	$\mathcal{O}(0; \{4^4, 3^{17}, 2^7\})$	349520
12	$\mathcal{O}(0; \{4^4, 3^{20}, 2^3\})$	2796208
12	$\mathcal{O}(0; \{4^6, 3^2, 2^{24}\})$	64
12	$\mathcal{O}(0; \{4^6, 3^5, 2^{20}\})$	320
12	$\mathcal{O}(0; \{4^6, 3^8, 2^{16}\})$	2752
12	$\mathcal{O}(0; \{4^6, 3^{11}, 2^{12}\})$	21824
12	$\mathcal{O}(0; \{4^6, 3^{14}, 2^8\})$	174784
12	$\mathcal{O}(0; \{4^6, 3^{17}, 2^4\})$	1398080
12	$\mathcal{O}(0; \{4^6, 3^{20}\})$	11184832
12	$\mathcal{O}(0; \{4^8, 3^2, 2^{21}\})$	256
12	$\mathcal{O}(0; \{4^8, 3^5, 2^{17}\})$	1280
12	$\mathcal{O}(0; \{4^8, 3^8, 2^{13}\})$	11008
12	$\mathcal{O}(0; \{4^8, 3^{11}, 2^9\})$	87296
12	$\mathcal{O}(0; \{4^8, 3^{14}, 2^5\})$	699136
12	$\mathcal{O}(0; \{4^8, 3^{17}, 2\})$	5592320
12	$\mathcal{O}(0; \{4^{10}, 3^2, 2^{18}\})$	1024
12	$\mathcal{O}(0; \{4^{10}, 3^5, 2^{14}\})$	5120
12	$\mathcal{O}(0; \{4^{10}, 3^8, 2^{10}\})$	44032
12	$\mathcal{O}(0; \{4^{10}, 3^{11}, 2^6\})$	349184
12	$\mathcal{O}(0; \{4^{10}, 3^{14}, 2^2\})$	2796544
12	$\mathcal{O}(0; \{4^{12}, 3^2, 2^{15}\})$	4096
12	$\mathcal{O}(0; \{4^{12}, 3^5, 2^{11}\})$	20480
12	$\mathcal{O}(0; \{4^{12}, 3^8, 2^7\})$	176128

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{4^{12}, 3^{11}, 2^3\})$	1396736
12	$\mathcal{O}(0; \{4^{14}, 3^2, 2^{12}\})$	16384
12	$\mathcal{O}(0; \{4^{14}, 3^5, 2^8\})$	81920
12	$\mathcal{O}(0; \{4^{14}, 3^8, 2^4\})$	704512
12	$\mathcal{O}(0; \{4^{14}, 3^{11}\})$	5586944
12	$\mathcal{O}(0; \{4^{16}, 3^2, 2^9\})$	65536
12	$\mathcal{O}(0; \{4^{16}, 3^5, 2^5\})$	327680
12	$\mathcal{O}(0; \{4^{16}, 3^8, 2\})$	2818048
12	$\mathcal{O}(0; \{4^{18}, 3^2, 2^6\})$	262144
12	$\mathcal{O}(0; \{4^{18}, 3^5, 2^2\})$	1310720
12	$\mathcal{O}(0; \{4^{20}, 3^2, 2^3\})$	1048576
12	$\mathcal{O}(0; \{4^{22}, 3^2\})$	4194304
12	$\mathcal{O}(0; \{6, 4^2, 3^3, 2^{27}\})$	12
12	$\mathcal{O}(0; \{6, 4^2, 3^6, 2^{23}\})$	84
12	$\mathcal{O}(0; \{6, 4^2, 3^9, 2^{19}\})$	684
12	$\mathcal{O}(0; \{6, 4^2, 3^{12}, 2^{15}\})$	5460
12	$\mathcal{O}(0; \{6, 4^2, 3^{15}, 2^{11}\})$	43692
12	$\mathcal{O}(0; \{6, 4^2, 3^{18}, 2^7\})$	349524
12	$\mathcal{O}(0; \{6, 4^2, 3^{21}, 2^3\})$	2796204
12	$\mathcal{O}(0; \{6, 4^4, 3^3, 2^{24}\})$	48
12	$\mathcal{O}(0; \{6, 4^4, 3^6, 2^{20}\})$	336
12	$\mathcal{O}(0; \{6, 4^4, 3^9, 2^{16}\})$	2736
12	$\mathcal{O}(0; \{6, 4^4, 3^{12}, 2^{12}\})$	21840
12	$\mathcal{O}(0; \{6, 4^4, 3^{15}, 2^8\})$	174768
12	$\mathcal{O}(0; \{6, 4^4, 3^{18}, 2^4\})$	1398096
12	$\mathcal{O}(0; \{6, 4^4, 3^{21}\})$	11184816
12	$\mathcal{O}(0; \{6, 4^6, 3^3, 2^{21}\})$	192
12	$\mathcal{O}(0; \{6, 4^6, 3^6, 2^{17}\})$	1344
12	$\mathcal{O}(0; \{6, 4^6, 3^9, 2^{13}\})$	10944
12	$\mathcal{O}(0; \{6, 4^6, 3^{12}, 2^9\})$	87360
12	$\mathcal{O}(0; \{6, 4^6, 3^{15}, 2^5\})$	699072
12	$\mathcal{O}(0; \{6, 4^6, 3^{18}, 2\})$	5592384
12	$\mathcal{O}(0; \{6, 4^8, 3^3, 2^{18}\})$	768
12	$\mathcal{O}(0; \{6, 4^8, 3^6, 2^{14}\})$	5376
12	$\mathcal{O}(0; \{6, 4^8, 3^9, 2^{10}\})$	43776
12	$\mathcal{O}(0; \{6, 4^8, 3^{12}, 2^6\})$	349440
12	$\mathcal{O}(0; \{6, 4^8, 3^{15}, 2^2\})$	2796288
12	$\mathcal{O}(0; \{6, 4^{10}, 3^3, 2^{15}\})$	3072
12	$\mathcal{O}(0; \{6, 4^{10}, 3^6, 2^{11}\})$	21504
12	$\mathcal{O}(0; \{6, 4^{10}, 3^9, 2^7\})$	175104
12	$\mathcal{O}(0; \{6, 4^{10}, 3^{12}, 2^3\})$	1397760
12	$\mathcal{O}(0; \{6, 4^{12}, 3^3, 2^{12}\})$	12288
12	$\mathcal{O}(0; \{6, 4^{12}, 3^6, 2^8\})$	86016

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6, 4^{12}, 3^9, 2^4\})$	700416
12	$\mathcal{O}(0; \{6, 4^{12}, 3^{12}\})$	5591040
12	$\mathcal{O}(0; \{6, 4^{14}, 3^3, 2^9\})$	49152
12	$\mathcal{O}(0; \{6, 4^{14}, 3^6, 2^5\})$	344064
12	$\mathcal{O}(0; \{6, 4^{14}, 3^9, 2\})$	2801664
12	$\mathcal{O}(0; \{6, 4^{16}, 3^3, 2^6\})$	196608
12	$\mathcal{O}(0; \{6, 4^{16}, 3^6, 2^2\})$	1376256
12	$\mathcal{O}(0; \{6, 4^{18}, 3^3, 2^3\})$	786432
12	$\mathcal{O}(0; \{6, 4^{20}, 3^3\})$	3145728
12	$\mathcal{O}(0; \{6^2, 4^2, 3, 2^{28}\})$	4
12	$\mathcal{O}(0; \{6^2, 4^2, 3^4, 2^{24}\})$	44
12	$\mathcal{O}(0; \{6^2, 4^2, 3^7, 2^{20}\})$	340
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{10}, 2^{16}\})$	2732
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{13}, 2^{12}\})$	21844
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{16}, 2^8\})$	174764
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{19}, 2^4\})$	1398100
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{22}\})$	11184812
12	$\mathcal{O}(0; \{6^2, 4^4, 3, 2^{25}\})$	16
12	$\mathcal{O}(0; \{6^2, 4^4, 3^4, 2^{21}\})$	176
12	$\mathcal{O}(0; \{6^2, 4^4, 3^7, 2^{17}\})$	1360
12	$\mathcal{O}(0; \{6^2, 4^4, 3^{10}, 2^{13}\})$	10928
12	$\mathcal{O}(0; \{6^2, 4^4, 3^{13}, 2^9\})$	87376
12	$\mathcal{O}(0; \{6^2, 4^4, 3^{16}, 2^5\})$	699056
12	$\mathcal{O}(0; \{6^2, 4^4, 3^{19}, 2\})$	5592400
12	$\mathcal{O}(0; \{6^2, 4^6, 3, 2^{22}\})$	64
12	$\mathcal{O}(0; \{6^2, 4^6, 3^4, 2^{18}\})$	704
12	$\mathcal{O}(0; \{6^2, 4^6, 3^7, 2^{14}\})$	5440
12	$\mathcal{O}(0; \{6^2, 4^6, 3^{10}, 2^{10}\})$	43712
12	$\mathcal{O}(0; \{6^2, 4^6, 3^{13}, 2^6\})$	349504
12	$\mathcal{O}(0; \{6^2, 4^6, 3^{16}, 2^2\})$	2796224
12	$\mathcal{O}(0; \{6^2, 4^8, 3, 2^{19}\})$	256
12	$\mathcal{O}(0; \{6^2, 4^8, 3^4, 2^{15}\})$	2816
12	$\mathcal{O}(0; \{6^2, 4^8, 3^7, 2^{11}\})$	21760
12	$\mathcal{O}(0; \{6^2, 4^8, 3^{10}, 2^7\})$	174848
12	$\mathcal{O}(0; \{6^2, 4^8, 3^{13}, 2^3\})$	1398016
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3, 2^{16}\})$	1024
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^4, 2^{12}\})$	11264
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^7, 2^8\})$	87040
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^{10}, 2^4\})$	699392
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^{13}\})$	5592064
12	$\mathcal{O}(0; \{6^2, 4^{12}, 3, 2^{13}\})$	4096
12	$\mathcal{O}(0; \{6^2, 4^{12}, 3^4, 2^9\})$	45056
12	$\mathcal{O}(0; \{6^2, 4^{12}, 3^7, 2^5\})$	348160

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^2, 4^{12}, 3^{10}, 2\})$	2797568
12	$\mathcal{O}(0; \{6^2, 4^{14}, 3, 2^{10}\})$	16384
12	$\mathcal{O}(0; \{6^2, 4^{14}, 3^4, 2^6\})$	180224
12	$\mathcal{O}(0; \{6^2, 4^{14}, 3^7, 2^2\})$	1392640
12	$\mathcal{O}(0; \{6^2, 4^{16}, 3, 2^7\})$	65536
12	$\mathcal{O}(0; \{6^2, 4^{16}, 3^4, 2^3\})$	720896
12	$\mathcal{O}(0; \{6^2, 4^{18}, 3, 2^4\})$	262144
12	$\mathcal{O}(0; \{6^2, 4^{18}, 3^4\})$	2883584
12	$\mathcal{O}(0; \{6^2, 4^{20}, 3, 2\})$	1048576
12	$\mathcal{O}(0; \{6^3, 4^2, 3^2, 2^{25}\})$	20
12	$\mathcal{O}(0; \{6^3, 4^2, 3^5, 2^{21}\})$	172
12	$\mathcal{O}(0; \{6^3, 4^2, 3^8, 2^{17}\})$	1364
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{11}, 2^{13}\})$	10924
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{14}, 2^9\})$	87380
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{17}, 2^5\})$	699052
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{20}, 2\})$	5592404
12	$\mathcal{O}(0; \{6^3, 4^4, 3^2, 2^{22}\})$	80
12	$\mathcal{O}(0; \{6^3, 4^4, 3^5, 2^{18}\})$	688
12	$\mathcal{O}(0; \{6^3, 4^4, 3^8, 2^{14}\})$	5456
12	$\mathcal{O}(0; \{6^3, 4^4, 3^{11}, 2^{10}\})$	43696
12	$\mathcal{O}(0; \{6^3, 4^4, 3^{14}, 2^6\})$	349520
12	$\mathcal{O}(0; \{6^3, 4^4, 3^{17}, 2^2\})$	2796208
12	$\mathcal{O}(0; \{6^3, 4^6, 3^2, 2^{19}\})$	320
12	$\mathcal{O}(0; \{6^3, 4^6, 3^5, 2^{15}\})$	2752
12	$\mathcal{O}(0; \{6^3, 4^6, 3^8, 2^{11}\})$	21824
12	$\mathcal{O}(0; \{6^3, 4^6, 3^{11}, 2^7\})$	174784
12	$\mathcal{O}(0; \{6^3, 4^6, 3^{14}, 2^3\})$	1398080
12	$\mathcal{O}(0; \{6^3, 4^8, 3^2, 2^{16}\})$	1280
12	$\mathcal{O}(0; \{6^3, 4^8, 3^5, 2^{12}\})$	11008
12	$\mathcal{O}(0; \{6^3, 4^8, 3^8, 2^8\})$	87296
12	$\mathcal{O}(0; \{6^3, 4^8, 3^{11}, 2^4\})$	699136
12	$\mathcal{O}(0; \{6^3, 4^8, 3^{14}\})$	5592320
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3^2, 2^{13}\})$	5120
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3^5, 2^9\})$	44032
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3^8, 2^5\})$	349184
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3^{11}, 2\})$	2796544
12	$\mathcal{O}(0; \{6^3, 4^{12}, 3^2, 2^{10}\})$	20480
12	$\mathcal{O}(0; \{6^3, 4^{12}, 3^5, 2^6\})$	176128
12	$\mathcal{O}(0; \{6^3, 4^{12}, 3^8, 2^2\})$	1396736
12	$\mathcal{O}(0; \{6^3, 4^{14}, 3^2, 2^7\})$	81920
12	$\mathcal{O}(0; \{6^3, 4^{14}, 3^5, 2^3\})$	704512
12	$\mathcal{O}(0; \{6^3, 4^{16}, 3^2, 2^4\})$	327680
12	$\mathcal{O}(0; \{6^3, 4^{16}, 3^5\})$	2818048

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^3, 4^{18}, 3^2, 2\})$	1310720
12	$\mathcal{O}(0; \{6^4, 4^2, 2^{26}\})$	12
12	$\mathcal{O}(0; \{6^4, 4^2, 3^3, 2^{22}\})$	84
12	$\mathcal{O}(0; \{6^4, 4^2, 3^6, 2^{18}\})$	684
12	$\mathcal{O}(0; \{6^4, 4^2, 3^9, 2^{14}\})$	5460
12	$\mathcal{O}(0; \{6^4, 4^2, 3^{12}, 2^{10}\})$	43692
12	$\mathcal{O}(0; \{6^4, 4^2, 3^{15}, 2^6\})$	349524
12	$\mathcal{O}(0; \{6^4, 4^2, 3^{18}, 2^2\})$	2796204
12	$\mathcal{O}(0; \{6^4, 4^4, 2^{23}\})$	48
12	$\mathcal{O}(0; \{6^4, 4^4, 3^3, 2^{19}\})$	336
12	$\mathcal{O}(0; \{6^4, 4^4, 3^6, 2^{15}\})$	2736
12	$\mathcal{O}(0; \{6^4, 4^4, 3^9, 2^{11}\})$	21840
12	$\mathcal{O}(0; \{6^4, 4^4, 3^{12}, 2^7\})$	174768
12	$\mathcal{O}(0; \{6^4, 4^4, 3^{15}, 2^3\})$	1398096
12	$\mathcal{O}(0; \{6^4, 4^6, 2^{20}\})$	192
12	$\mathcal{O}(0; \{6^4, 4^6, 3^3, 2^{16}\})$	1344
12	$\mathcal{O}(0; \{6^4, 4^6, 3^6, 2^{12}\})$	10944
12	$\mathcal{O}(0; \{6^4, 4^6, 3^9, 2^8\})$	87360
12	$\mathcal{O}(0; \{6^4, 4^6, 3^{12}, 2^4\})$	699072
12	$\mathcal{O}(0; \{6^4, 4^6, 3^{15}\})$	5592384
12	$\mathcal{O}(0; \{6^4, 4^8, 2^{17}\})$	768
12	$\mathcal{O}(0; \{6^4, 4^8, 3^3, 2^{13}\})$	5376
12	$\mathcal{O}(0; \{6^4, 4^8, 3^6, 2^9\})$	43776
12	$\mathcal{O}(0; \{6^4, 4^8, 3^9, 2^5\})$	349440
12	$\mathcal{O}(0; \{6^4, 4^8, 3^{12}, 2\})$	2796288
12	$\mathcal{O}(0; \{6^4, 4^{10}, 2^{14}\})$	3072
12	$\mathcal{O}(0; \{6^4, 4^{10}, 3^3, 2^{10}\})$	21504
12	$\mathcal{O}(0; \{6^4, 4^{10}, 3^6, 2^6\})$	175104
12	$\mathcal{O}(0; \{6^4, 4^{10}, 3^9, 2^2\})$	1397760
12	$\mathcal{O}(0; \{6^4, 4^{12}, 2^{11}\})$	12288
12	$\mathcal{O}(0; \{6^4, 4^{12}, 3^3, 2^7\})$	86016
12	$\mathcal{O}(0; \{6^4, 4^{12}, 3^6, 2^3\})$	700416
12	$\mathcal{O}(0; \{6^4, 4^{14}, 2^8\})$	49152
12	$\mathcal{O}(0; \{6^4, 4^{14}, 3^3, 2^4\})$	344064
12	$\mathcal{O}(0; \{6^4, 4^{14}, 3^6\})$	2801664
12	$\mathcal{O}(0; \{6^4, 4^{16}, 2^5\})$	196608
12	$\mathcal{O}(0; \{6^4, 4^{16}, 3^3, 2\})$	1376256
12	$\mathcal{O}(0; \{6^4, 4^{18}, 2^2\})$	786432
12	$\mathcal{O}(0; \{6^5, 4^2, 3, 2^{23}\})$	44
12	$\mathcal{O}(0; \{6^5, 4^2, 3^4, 2^{19}\})$	340
12	$\mathcal{O}(0; \{6^5, 4^2, 3^7, 2^{15}\})$	2732
12	$\mathcal{O}(0; \{6^5, 4^2, 3^{10}, 2^{11}\})$	21844
12	$\mathcal{O}(0; \{6^5, 4^2, 3^{13}, 2^7\})$	174764

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^5, 4^2, 3^{16}, 2^3\})$	1398100
12	$\mathcal{O}(0; \{6^5, 4^4, 3, 2^{20}\})$	176
12	$\mathcal{O}(0; \{6^5, 4^4, 3^4, 2^{16}\})$	1360
12	$\mathcal{O}(0; \{6^5, 4^4, 3^7, 2^{12}\})$	10928
12	$\mathcal{O}(0; \{6^5, 4^4, 3^{10}, 2^8\})$	87376
12	$\mathcal{O}(0; \{6^5, 4^4, 3^{13}, 2^4\})$	699056
12	$\mathcal{O}(0; \{6^5, 4^4, 3^{16}\})$	5592400
12	$\mathcal{O}(0; \{6^5, 4^6, 3, 2^{17}\})$	704
12	$\mathcal{O}(0; \{6^5, 4^6, 3^4, 2^{13}\})$	5440
12	$\mathcal{O}(0; \{6^5, 4^6, 3^7, 2^9\})$	43712
12	$\mathcal{O}(0; \{6^5, 4^6, 3^{10}, 2^5\})$	349504
12	$\mathcal{O}(0; \{6^5, 4^6, 3^{13}, 2\})$	2796224
12	$\mathcal{O}(0; \{6^5, 4^8, 3, 2^{14}\})$	2816
12	$\mathcal{O}(0; \{6^5, 4^8, 3^4, 2^{10}\})$	21760
12	$\mathcal{O}(0; \{6^5, 4^8, 3^7, 2^6\})$	174848
12	$\mathcal{O}(0; \{6^5, 4^8, 3^{10}, 2^2\})$	1398016
12	$\mathcal{O}(0; \{6^5, 4^{10}, 3, 2^{11}\})$	11264
12	$\mathcal{O}(0; \{6^5, 4^{10}, 3^4, 2^7\})$	87040
12	$\mathcal{O}(0; \{6^5, 4^{10}, 3^7, 2^3\})$	699392
12	$\mathcal{O}(0; \{6^5, 4^{12}, 3, 2^8\})$	45056
12	$\mathcal{O}(0; \{6^5, 4^{12}, 3^4, 2^4\})$	348160
12	$\mathcal{O}(0; \{6^5, 4^{12}, 3^7\})$	2797568
12	$\mathcal{O}(0; \{6^5, 4^{14}, 3, 2^5\})$	180224
12	$\mathcal{O}(0; \{6^5, 4^{14}, 3^4, 2\})$	1392640
12	$\mathcal{O}(0; \{6^5, 4^{16}, 3, 2^2\})$	720896
12	$\mathcal{O}(0; \{6^6, 4^2, 3^2, 2^{20}\})$	172
12	$\mathcal{O}(0; \{6^6, 4^2, 3^5, 2^{16}\})$	1364
12	$\mathcal{O}(0; \{6^6, 4^2, 3^8, 2^{12}\})$	10924
12	$\mathcal{O}(0; \{6^6, 4^2, 3^{11}, 2^8\})$	87380
12	$\mathcal{O}(0; \{6^6, 4^2, 3^{14}, 2^4\})$	699052
12	$\mathcal{O}(0; \{6^6, 4^2, 3^{17}\})$	5592404
12	$\mathcal{O}(0; \{6^6, 4^4, 3^2, 2^{17}\})$	688
12	$\mathcal{O}(0; \{6^6, 4^4, 3^5, 2^{13}\})$	5456
12	$\mathcal{O}(0; \{6^6, 4^4, 3^8, 2^9\})$	43696
12	$\mathcal{O}(0; \{6^6, 4^4, 3^{11}, 2^5\})$	349520
12	$\mathcal{O}(0; \{6^6, 4^4, 3^{14}, 2\})$	2796208
12	$\mathcal{O}(0; \{6^6, 4^6, 3^2, 2^{14}\})$	2752
12	$\mathcal{O}(0; \{6^6, 4^6, 3^5, 2^{10}\})$	21824
12	$\mathcal{O}(0; \{6^6, 4^6, 3^8, 2^6\})$	174784
12	$\mathcal{O}(0; \{6^6, 4^6, 3^{11}, 2^2\})$	1398080
12	$\mathcal{O}(0; \{6^6, 4^8, 3^2, 2^{11}\})$	11008
12	$\mathcal{O}(0; \{6^6, 4^8, 3^5, 2^7\})$	87296
12	$\mathcal{O}(0; \{6^6, 4^8, 3^8, 2^3\})$	699136

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^6, 4^{10}, 3^2, 2^8\})$	44032
12	$\mathcal{O}(0; \{6^6, 4^{10}, 3^5, 2^4\})$	349184
12	$\mathcal{O}(0; \{6^6, 4^{10}, 3^8\})$	2796544
12	$\mathcal{O}(0; \{6^6, 4^{12}, 3^2, 2^5\})$	176128
12	$\mathcal{O}(0; \{6^6, 4^{12}, 3^5, 2\})$	1396736
12	$\mathcal{O}(0; \{6^6, 4^{14}, 3^2, 2^2\})$	704512
12	$\mathcal{O}(0; \{6^7, 4^2, 2^{21}\})$	84
12	$\mathcal{O}(0; \{6^7, 4^2, 3^3, 2^{17}\})$	684
12	$\mathcal{O}(0; \{6^7, 4^2, 3^6, 2^{13}\})$	5460
12	$\mathcal{O}(0; \{6^7, 4^2, 3^9, 2^9\})$	43692
12	$\mathcal{O}(0; \{6^7, 4^2, 3^{12}, 2^5\})$	349524
12	$\mathcal{O}(0; \{6^7, 4^2, 3^{15}, 2\})$	2796204
12	$\mathcal{O}(0; \{6^7, 4^4, 2^{18}\})$	336
12	$\mathcal{O}(0; \{6^7, 4^4, 3^3, 2^{14}\})$	2736
12	$\mathcal{O}(0; \{6^7, 4^4, 3^6, 2^{10}\})$	21840
12	$\mathcal{O}(0; \{6^7, 4^4, 3^9, 2^6\})$	174768
12	$\mathcal{O}(0; \{6^7, 4^4, 3^{12}, 2^2\})$	1398096
12	$\mathcal{O}(0; \{6^7, 4^6, 2^{15}\})$	1344
12	$\mathcal{O}(0; \{6^7, 4^6, 3^3, 2^{11}\})$	10944
12	$\mathcal{O}(0; \{6^7, 4^6, 3^6, 2^7\})$	87360
12	$\mathcal{O}(0; \{6^7, 4^6, 3^9, 2^3\})$	699072
12	$\mathcal{O}(0; \{6^7, 4^8, 2^{12}\})$	5376
12	$\mathcal{O}(0; \{6^7, 4^8, 3^3, 2^8\})$	43776
12	$\mathcal{O}(0; \{6^7, 4^8, 3^6, 2^4\})$	349440
12	$\mathcal{O}(0; \{6^7, 4^8, 3^9\})$	2796288
12	$\mathcal{O}(0; \{6^7, 4^{10}, 2^9\})$	21504
12	$\mathcal{O}(0; \{6^7, 4^{10}, 3^3, 2^5\})$	175104
12	$\mathcal{O}(0; \{6^7, 4^{10}, 3^6, 2\})$	1397760
12	$\mathcal{O}(0; \{6^7, 4^{12}, 2^6\})$	86016
12	$\mathcal{O}(0; \{6^7, 4^{12}, 3^3, 2^2\})$	700416
12	$\mathcal{O}(0; \{6^7, 4^{14}, 2^3\})$	344064
12	$\mathcal{O}(0; \{6^7, 4^{16}\})$	1376256
12	$\mathcal{O}(0; \{6^8, 4^2, 3, 2^{18}\})$	340
12	$\mathcal{O}(0; \{6^8, 4^2, 3^4, 2^{14}\})$	2732
12	$\mathcal{O}(0; \{6^8, 4^2, 3^7, 2^{10}\})$	21844
12	$\mathcal{O}(0; \{6^8, 4^2, 3^{10}, 2^6\})$	174764
12	$\mathcal{O}(0; \{6^8, 4^2, 3^{13}, 2^2\})$	1398100
12	$\mathcal{O}(0; \{6^8, 4^4, 3, 2^{15}\})$	1360
12	$\mathcal{O}(0; \{6^8, 4^4, 3^4, 2^{11}\})$	10928
12	$\mathcal{O}(0; \{6^8, 4^4, 3^7, 2^7\})$	87376
12	$\mathcal{O}(0; \{6^8, 4^4, 3^{10}, 2^3\})$	699056
12	$\mathcal{O}(0; \{6^8, 4^6, 3, 2^{12}\})$	5440
12	$\mathcal{O}(0; \{6^8, 4^6, 3^4, 2^8\})$	43712

Continued on next page

Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^8, 4^6, 3^7, 2^4\})$	349504
12	$\mathcal{O}(0; \{6^8, 4^6, 3^{10}\})$	2796224
12	$\mathcal{O}(0; \{6^8, 4^8, 3, 2^9\})$	21760
12	$\mathcal{O}(0; \{6^8, 4^8, 3^4, 2^5\})$	174848
12	$\mathcal{O}(0; \{6^8, 4^8, 3^7, 2\})$	1398016
12	$\mathcal{O}(0; \{6^8, 4^{10}, 3, 2^6\})$	87040
12	$\mathcal{O}(0; \{6^8, 4^{10}, 3^4, 2^2\})$	699392
12	$\mathcal{O}(0; \{6^8, 4^{12}, 3, 2^3\})$	348160
12	$\mathcal{O}(0; \{6^8, 4^{14}, 3\})$	1392640
12	$\mathcal{O}(0; \{6^9, 4^2, 3^2, 2^{15}\})$	1364
12	$\mathcal{O}(0; \{6^9, 4^2, 3^5, 2^{11}\})$	10924
12	$\mathcal{O}(0; \{6^9, 4^2, 3^8, 2^7\})$	87380
12	$\mathcal{O}(0; \{6^9, 4^2, 3^{11}, 2^3\})$	699052
12	$\mathcal{O}(0; \{6^9, 4^4, 3^2, 2^{12}\})$	5456
12	$\mathcal{O}(0; \{6^9, 4^4, 3^5, 2^8\})$	43696
12	$\mathcal{O}(0; \{6^9, 4^4, 3^8, 2^4\})$	349520
12	$\mathcal{O}(0; \{6^9, 4^4, 3^{11}\})$	2796208
12	$\mathcal{O}(0; \{6^9, 4^6, 3^2, 2^9\})$	21824
12	$\mathcal{O}(0; \{6^9, 4^6, 3^5, 2^5\})$	174784
12	$\mathcal{O}(0; \{6^9, 4^6, 3^8, 2\})$	1398080
12	$\mathcal{O}(0; \{6^9, 4^8, 3^2, 2^6\})$	87296
12	$\mathcal{O}(0; \{6^9, 4^8, 3^5, 2^2\})$	699136
12	$\mathcal{O}(0; \{6^9, 4^{10}, 3^2, 2^3\})$	349184
12	$\mathcal{O}(0; \{6^9, 4^{12}, 3^2\})$	1396736
12	$\mathcal{O}(0; \{6^{10}, 4^2, 2^{16}\})$	684
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^3, 2^{12}\})$	5460
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^6, 2^8\})$	43692
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^9, 2^4\})$	349524
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^{12}\})$	2796204
12	$\mathcal{O}(0; \{6^{10}, 4^4, 2^{13}\})$	2736
12	$\mathcal{O}(0; \{6^{10}, 4^4, 3^3, 2^9\})$	21840
12	$\mathcal{O}(0; \{6^{10}, 4^4, 3^6, 2^5\})$	174768
12	$\mathcal{O}(0; \{6^{10}, 4^4, 3^9, 2\})$	1398096
12	$\mathcal{O}(0; \{6^{10}, 4^6, 2^{10}\})$	10944
12	$\mathcal{O}(0; \{6^{10}, 4^6, 3^3, 2^6\})$	87360
12	$\mathcal{O}(0; \{6^{10}, 4^6, 3^6, 2^2\})$	699072
12	$\mathcal{O}(0; \{6^{10}, 4^8, 2^7\})$	43776
12	$\mathcal{O}(0; \{6^{10}, 4^8, 3^3, 2^3\})$	349440
12	$\mathcal{O}(0; \{6^{10}, 4^{10}, 2^4\})$	175104
12	$\mathcal{O}(0; \{6^{10}, 4^{10}, 3^3\})$	1397760
12	$\mathcal{O}(0; \{6^{10}, 4^{12}, 2\})$	700416
12	$\mathcal{O}(0; \{6^{11}, 4^2, 3, 2^{13}\})$	2732
12	$\mathcal{O}(0; \{6^{11}, 4^2, 3^4, 2^9\})$	21844

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^{11}, 4^2, 3^7, 2^5\})$	174764
12	$\mathcal{O}(0; \{6^{11}, 4^2, 3^{10}, 2\})$	1398100
12	$\mathcal{O}(0; \{6^{11}, 4^4, 3, 2^{10}\})$	10928
12	$\mathcal{O}(0; \{6^{11}, 4^4, 3^4, 2^6\})$	87376
12	$\mathcal{O}(0; \{6^{11}, 4^4, 3^7, 2^2\})$	699056
12	$\mathcal{O}(0; \{6^{11}, 4^6, 3, 2^7\})$	43712
12	$\mathcal{O}(0; \{6^{11}, 4^6, 3^4, 2^3\})$	349504
12	$\mathcal{O}(0; \{6^{11}, 4^8, 3, 2^4\})$	174848
12	$\mathcal{O}(0; \{6^{11}, 4^8, 3^4\})$	1398016
12	$\mathcal{O}(0; \{6^{11}, 4^{10}, 3, 2\})$	699392
12	$\mathcal{O}(0; \{6^{12}, 4^2, 3^2, 2^{10}\})$	10924
12	$\mathcal{O}(0; \{6^{12}, 4^2, 3^5, 2^6\})$	87380
12	$\mathcal{O}(0; \{6^{12}, 4^2, 3^8, 2^2\})$	699052
12	$\mathcal{O}(0; \{6^{12}, 4^4, 3^2, 2^7\})$	43696
12	$\mathcal{O}(0; \{6^{12}, 4^4, 3^5, 2^3\})$	349520
12	$\mathcal{O}(0; \{6^{12}, 4^6, 3^2, 2^4\})$	174784
12	$\mathcal{O}(0; \{6^{12}, 4^6, 3^5\})$	1398080
12	$\mathcal{O}(0; \{6^{12}, 4^8, 3^2, 2\})$	699136
12	$\mathcal{O}(0; \{6^{13}, 4^2, 2^{11}\})$	5460
12	$\mathcal{O}(0; \{6^{13}, 4^2, 3^3, 2^7\})$	43692
12	$\mathcal{O}(0; \{6^{13}, 4^2, 3^6, 2^3\})$	349524
12	$\mathcal{O}(0; \{6^{13}, 4^4, 2^8\})$	21840
12	$\mathcal{O}(0; \{6^{13}, 4^4, 3^3, 2^4\})$	174768
12	$\mathcal{O}(0; \{6^{13}, 4^4, 3^6\})$	1398096
12	$\mathcal{O}(0; \{6^{13}, 4^6, 2^5\})$	87360
12	$\mathcal{O}(0; \{6^{13}, 4^6, 3^3, 2\})$	699072
12	$\mathcal{O}(0; \{6^{13}, 4^8, 2^2\})$	349440
12	$\mathcal{O}(0; \{6^{14}, 4^2, 3, 2^8\})$	21844
12	$\mathcal{O}(0; \{6^{14}, 4^2, 3^4, 2^4\})$	174764
12	$\mathcal{O}(0; \{6^{14}, 4^2, 3^7\})$	1398100
12	$\mathcal{O}(0; \{6^{14}, 4^4, 3, 2^5\})$	87376
12	$\mathcal{O}(0; \{6^{14}, 4^4, 3^4, 2\})$	699056
12	$\mathcal{O}(0; \{6^{14}, 4^6, 3, 2^2\})$	349504
12	$\mathcal{O}(0; \{6^{15}, 4^2, 3^2, 2^5\})$	87380
12	$\mathcal{O}(0; \{6^{15}, 4^2, 3^5, 2\})$	699052
12	$\mathcal{O}(0; \{6^{15}, 4^4, 3^2, 2^2\})$	349520
12	$\mathcal{O}(0; \{6^{16}, 4^2, 2^6\})$	43692
12	$\mathcal{O}(0; \{6^{16}, 4^2, 3^3, 2^2\})$	349524
12	$\mathcal{O}(0; \{6^{16}, 4^4, 2^3\})$	174768
12	$\mathcal{O}(0; \{6^{16}, 4^6\})$	699072
12	$\mathcal{O}(0; \{6^{17}, 4^2, 3, 2^3\})$	174764
12	$\mathcal{O}(0; \{6^{17}, 4^4, 3\})$	699056
12	$\mathcal{O}(0; \{6^{18}, 4^2, 3^2\})$	699052

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^{19}, 4^2, 2\})$	349524
12	$\mathcal{O}(0; \{12, 4, 3, 2^{31}\})$	4
12	$\mathcal{O}(0; \{12, 4, 3^4, 2^{27}\})$	20
12	$\mathcal{O}(0; \{12, 4, 3^7, 2^{23}\})$	172
12	$\mathcal{O}(0; \{12, 4, 3^{10}, 2^{19}\})$	1364
12	$\mathcal{O}(0; \{12, 4, 3^{13}, 2^{15}\})$	10924
12	$\mathcal{O}(0; \{12, 4, 3^{16}, 2^{11}\})$	87380
12	$\mathcal{O}(0; \{12, 4, 3^{19}, 2^7\})$	699052
12	$\mathcal{O}(0; \{12, 4, 3^{22}, 2^3\})$	5592404
12	$\mathcal{O}(0; \{12, 4^3, 3, 2^{28}\})$	16
12	$\mathcal{O}(0; \{12, 4^3, 3^4, 2^{24}\})$	80
12	$\mathcal{O}(0; \{12, 4^3, 3^7, 2^{20}\})$	688
12	$\mathcal{O}(0; \{12, 4^3, 3^{10}, 2^{16}\})$	5456
12	$\mathcal{O}(0; \{12, 4^3, 3^{13}, 2^{12}\})$	43696
12	$\mathcal{O}(0; \{12, 4^3, 3^{16}, 2^8\})$	349520
12	$\mathcal{O}(0; \{12, 4^3, 3^{19}, 2^4\})$	2796208
12	$\mathcal{O}(0; \{12, 4^3, 3^{22}\})$	22369616
12	$\mathcal{O}(0; \{12, 4^5, 3, 2^{25}\})$	64
12	$\mathcal{O}(0; \{12, 4^5, 3^4, 2^{21}\})$	320
12	$\mathcal{O}(0; \{12, 4^5, 3^7, 2^{17}\})$	2752
12	$\mathcal{O}(0; \{12, 4^5, 3^{10}, 2^{13}\})$	21824
12	$\mathcal{O}(0; \{12, 4^5, 3^{13}, 2^9\})$	174784
12	$\mathcal{O}(0; \{12, 4^5, 3^{16}, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12, 4^5, 3^{19}, 2\})$	11184832
12	$\mathcal{O}(0; \{12, 4^7, 3, 2^{22}\})$	256
12	$\mathcal{O}(0; \{12, 4^7, 3^4, 2^{18}\})$	1280
12	$\mathcal{O}(0; \{12, 4^7, 3^7, 2^{14}\})$	11008
12	$\mathcal{O}(0; \{12, 4^7, 3^{10}, 2^{10}\})$	87296
12	$\mathcal{O}(0; \{12, 4^7, 3^{13}, 2^6\})$	699136
12	$\mathcal{O}(0; \{12, 4^7, 3^{16}, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12, 4^9, 3, 2^{19}\})$	1024
12	$\mathcal{O}(0; \{12, 4^9, 3^4, 2^{15}\})$	5120
12	$\mathcal{O}(0; \{12, 4^9, 3^7, 2^{11}\})$	44032
12	$\mathcal{O}(0; \{12, 4^9, 3^{10}, 2^7\})$	349184
12	$\mathcal{O}(0; \{12, 4^9, 3^{13}, 2^3\})$	2796544
12	$\mathcal{O}(0; \{12, 4^{11}, 3, 2^{16}\})$	4096
12	$\mathcal{O}(0; \{12, 4^{11}, 3^4, 2^{12}\})$	20480
12	$\mathcal{O}(0; \{12, 4^{11}, 3^7, 2^8\})$	176128
12	$\mathcal{O}(0; \{12, 4^{11}, 3^{10}, 2^4\})$	1396736
12	$\mathcal{O}(0; \{12, 4^{11}, 3^{13}\})$	11186176
12	$\mathcal{O}(0; \{12, 4^{13}, 3, 2^{13}\})$	16384
12	$\mathcal{O}(0; \{12, 4^{13}, 3^4, 2^9\})$	81920
12	$\mathcal{O}(0; \{12, 4^{13}, 3^7, 2^5\})$	704512

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 4^{13}, 3^{10}, 2\})$	5586944
12	$\mathcal{O}(0; \{12, 4^{15}, 3, 2^{10}\})$	65536
12	$\mathcal{O}(0; \{12, 4^{15}, 3^4, 2^6\})$	327680
12	$\mathcal{O}(0; \{12, 4^{15}, 3^7, 2^2\})$	2818048
12	$\mathcal{O}(0; \{12, 4^{17}, 3, 2^7\})$	262144
12	$\mathcal{O}(0; \{12, 4^{17}, 3^4, 2^3\})$	1310720
12	$\mathcal{O}(0; \{12, 4^{19}, 3, 2^4\})$	1048576
12	$\mathcal{O}(0; \{12, 4^{19}, 3^4\})$	5242880
12	$\mathcal{O}(0; \{12, 4^{21}, 3, 2\})$	4194304
12	$\mathcal{O}(0; \{12, 6, 4, 3^2, 2^{28}\})$	12
12	$\mathcal{O}(0; \{12, 6, 4, 3^5, 2^{24}\})$	84
12	$\mathcal{O}(0; \{12, 6, 4, 3^8, 2^{20}\})$	684
12	$\mathcal{O}(0; \{12, 6, 4, 3^{11}, 2^{16}\})$	5460
12	$\mathcal{O}(0; \{12, 6, 4, 3^{14}, 2^{12}\})$	43692
12	$\mathcal{O}(0; \{12, 6, 4, 3^{17}, 2^8\})$	349524
12	$\mathcal{O}(0; \{12, 6, 4, 3^{20}, 2^4\})$	2796204
12	$\mathcal{O}(0; \{12, 6, 4, 3^{23}\})$	22369620
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^2, 2^{25}\})$	48
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^5, 2^{21}\})$	336
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^8, 2^{17}\})$	2736
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{11}, 2^{13}\})$	21840
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{14}, 2^9\})$	174768
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{17}, 2^5\})$	1398096
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{20}, 2\})$	11184816
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^2, 2^{22}\})$	192
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^5, 2^{18}\})$	1344
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^8, 2^{14}\})$	10944
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^{11}, 2^{10}\})$	87360
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^{14}, 2^6\})$	699072
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^{17}, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^2, 2^{19}\})$	768
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^5, 2^{15}\})$	5376
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^8, 2^{11}\})$	43776
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^{11}, 2^7\})$	349440
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^{14}, 2^3\})$	2796288
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^2, 2^{16}\})$	3072
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^5, 2^{12}\})$	21504
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^8, 2^8\})$	175104
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^{11}, 2^4\})$	1397760
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^{14}\})$	11185152
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3^2, 2^{13}\})$	12288
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3^5, 2^9\})$	86016
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3^8, 2^5\})$	700416

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3^{11}, 2\})$	5591040
12	$\mathcal{O}(0; \{12, 6, 4^{13}, 3^2, 2^{10}\})$	49152
12	$\mathcal{O}(0; \{12, 6, 4^{13}, 3^5, 2^6\})$	344064
12	$\mathcal{O}(0; \{12, 6, 4^{13}, 3^8, 2^2\})$	2801664
12	$\mathcal{O}(0; \{12, 6, 4^{15}, 3^2, 2^7\})$	196608
12	$\mathcal{O}(0; \{12, 6, 4^{15}, 3^5, 2^3\})$	1376256
12	$\mathcal{O}(0; \{12, 6, 4^{17}, 3^2, 2^4\})$	786432
12	$\mathcal{O}(0; \{12, 6, 4^{17}, 3^5\})$	5505024
12	$\mathcal{O}(0; \{12, 6, 4^{19}, 3^2, 2\})$	3145728
12	$\mathcal{O}(0; \{12, 6^2, 4, 2^{29}\})$	4
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^3, 2^{25}\})$	44
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^6, 2^{21}\})$	340
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^9, 2^{17}\})$	2732
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{12}, 2^{13}\})$	21844
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{15}, 2^9\})$	174764
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{18}, 2^5\})$	1398100
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{21}, 2\})$	11184812
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 2^{26}\})$	16
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^3, 2^{22}\})$	176
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^6, 2^{18}\})$	1360
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^9, 2^{14}\})$	10928
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^{12}, 2^{10}\})$	87376
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^{15}, 2^6\})$	699056
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^{18}, 2^2\})$	5592400
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 2^{23}\})$	64
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^3, 2^{19}\})$	704
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^6, 2^{15}\})$	5440
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^9, 2^{11}\})$	43712
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^{12}, 2^7\})$	349504
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^{15}, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 2^{20}\})$	256
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^3, 2^{16}\})$	2816
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^6, 2^{12}\})$	21760
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^9, 2^8\})$	174848
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^{12}, 2^4\})$	1398016
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^{15}\})$	11184896
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 2^{17}\})$	1024
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^3, 2^{13}\})$	11264
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^6, 2^9\})$	87040
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^9, 2^5\})$	699392
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^{12}, 2\})$	5592064
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 2^{14}\})$	4096
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 3^3, 2^{10}\})$	45056

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 3^6, 2^6\})$	348160
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 3^9, 2^2\})$	2797568
12	$\mathcal{O}(0; \{12, 6^2, 4^{13}, 2^{11}\})$	16384
12	$\mathcal{O}(0; \{12, 6^2, 4^{13}, 3^3, 2^7\})$	180224
12	$\mathcal{O}(0; \{12, 6^2, 4^{13}, 3^6, 2^3\})$	1392640
12	$\mathcal{O}(0; \{12, 6^2, 4^{15}, 2^8\})$	65536
12	$\mathcal{O}(0; \{12, 6^2, 4^{15}, 3^3, 2^4\})$	720896
12	$\mathcal{O}(0; \{12, 6^2, 4^{15}, 3^6\})$	5570560
12	$\mathcal{O}(0; \{12, 6^2, 4^{17}, 2^5\})$	262144
12	$\mathcal{O}(0; \{12, 6^2, 4^{17}, 3^3, 2\})$	2883584
12	$\mathcal{O}(0; \{12, 6^2, 4^{19}, 2^2\})$	1048576
12	$\mathcal{O}(0; \{12, 6^3, 4, 3, 2^{26}\})$	20
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^4, 2^{22}\})$	172
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^7, 2^{18}\})$	1364
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{10}, 2^{14}\})$	10924
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{13}, 2^{10}\})$	87380
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{16}, 2^6\})$	699052
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{19}, 2^2\})$	5592404
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3, 2^{23}\})$	80
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^4, 2^{19}\})$	688
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^7, 2^{15}\})$	5456
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^{10}, 2^{11}\})$	43696
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^{13}, 2^7\})$	349520
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^{16}, 2^3\})$	2796208
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3, 2^{20}\})$	320
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^4, 2^{16}\})$	2752
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^7, 2^{12}\})$	21824
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^{10}, 2^8\})$	174784
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^{13}, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^{16}\})$	11184832
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3, 2^{17}\})$	1280
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^4, 2^{13}\})$	11008
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^7, 2^9\})$	87296
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^{10}, 2^5\})$	699136
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^{13}, 2\})$	5592320
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3, 2^{14}\})$	5120
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3^4, 2^{10}\})$	44032
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3^7, 2^6\})$	349184
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3^{10}, 2^2\})$	2796544
12	$\mathcal{O}(0; \{12, 6^3, 4^{11}, 3, 2^{11}\})$	20480
12	$\mathcal{O}(0; \{12, 6^3, 4^{11}, 3^4, 2^7\})$	176128
12	$\mathcal{O}(0; \{12, 6^3, 4^{11}, 3^7, 2^3\})$	1396736
12	$\mathcal{O}(0; \{12, 6^3, 4^{13}, 3, 2^8\})$	81920

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^3, 4^{13}, 3^4, 2^4\})$	704512
12	$\mathcal{O}(0; \{12, 6^3, 4^{13}, 3^7\})$	5586944
12	$\mathcal{O}(0; \{12, 6^3, 4^{15}, 3, 2^5\})$	327680
12	$\mathcal{O}(0; \{12, 6^3, 4^{15}, 3^4, 2\})$	2818048
12	$\mathcal{O}(0; \{12, 6^3, 4^{17}, 3, 2^2\})$	1310720
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^2, 2^{23}\})$	84
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^5, 2^{19}\})$	684
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^8, 2^{15}\})$	5460
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^{11}, 2^{11}\})$	43692
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^{14}, 2^7\})$	349524
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^{17}, 2^3\})$	2796204
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^2, 2^{20}\})$	336
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^5, 2^{16}\})$	2736
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^8, 2^{12}\})$	21840
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^{11}, 2^8\})$	174768
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^{14}, 2^4\})$	1398096
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^{17}\})$	11184816
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^2, 2^{17}\})$	1344
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^5, 2^{13}\})$	10944
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^8, 2^9\})$	87360
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^{11}, 2^5\})$	699072
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^{14}, 2\})$	5592384
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^2, 2^{14}\})$	5376
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^5, 2^{10}\})$	43776
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^8, 2^6\})$	349440
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^{11}, 2^2\})$	2796288
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 3^2, 2^{11}\})$	21504
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 3^5, 2^7\})$	175104
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 3^8, 2^3\})$	1397760
12	$\mathcal{O}(0; \{12, 6^4, 4^{11}, 3^2, 2^8\})$	86016
12	$\mathcal{O}(0; \{12, 6^4, 4^{11}, 3^5, 2^4\})$	700416
12	$\mathcal{O}(0; \{12, 6^4, 4^{11}, 3^8\})$	5591040
12	$\mathcal{O}(0; \{12, 6^4, 4^{13}, 3^2, 2^5\})$	344064
12	$\mathcal{O}(0; \{12, 6^4, 4^{13}, 3^5, 2\})$	2801664
12	$\mathcal{O}(0; \{12, 6^4, 4^{15}, 3^2, 2^2\})$	1376256
12	$\mathcal{O}(0; \{12, 6^5, 4, 2^{24}\})$	44
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^3, 2^{20}\})$	340
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^6, 2^{16}\})$	2732
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^9, 2^{12}\})$	21844
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^{12}, 2^8\})$	174764
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^{15}, 2^4\})$	1398100
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^{18}\})$	11184812
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 2^{21}\})$	176

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^3, 2^{17}\})$	1360
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^6, 2^{13}\})$	10928
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^9, 2^9\})$	87376
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^{12}, 2^5\})$	699056
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^{15}, 2\})$	5592400
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 2^{18}\})$	704
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^3, 2^{14}\})$	5440
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^6, 2^{10}\})$	43712
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^9, 2^6\})$	349504
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^{12}, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 2^{15}\})$	2816
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3^3, 2^{11}\})$	21760
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3^6, 2^7\})$	174848
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3^9, 2^3\})$	1398016
12	$\mathcal{O}(0; \{12, 6^5, 4^9, 2^{12}\})$	11264
12	$\mathcal{O}(0; \{12, 6^5, 4^9, 3^3, 2^8\})$	87040
12	$\mathcal{O}(0; \{12, 6^5, 4^9, 3^6, 2^4\})$	699392
12	$\mathcal{O}(0; \{12, 6^5, 4^9, 3^9\})$	5592064
12	$\mathcal{O}(0; \{12, 6^5, 4^{11}, 2^9\})$	45056
12	$\mathcal{O}(0; \{12, 6^5, 4^{11}, 3^3, 2^5\})$	348160
12	$\mathcal{O}(0; \{12, 6^5, 4^{11}, 3^6, 2\})$	2797568
12	$\mathcal{O}(0; \{12, 6^5, 4^{13}, 2^6\})$	180224
12	$\mathcal{O}(0; \{12, 6^5, 4^{13}, 3^3, 2^2\})$	1392640
12	$\mathcal{O}(0; \{12, 6^5, 4^{15}, 2^3\})$	720896
12	$\mathcal{O}(0; \{12, 6^5, 4^{17}\})$	2883584
12	$\mathcal{O}(0; \{12, 6^6, 4, 3, 2^{21}\})$	172
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^4, 2^{17}\})$	1364
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^7, 2^{13}\})$	10924
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^{10}, 2^9\})$	87380
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^{13}, 2^5\})$	699052
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^{16}, 2\})$	5592404
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3, 2^{18}\})$	688
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^4, 2^{14}\})$	5456
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^7, 2^{10}\})$	43696
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^{10}, 2^6\})$	349520
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^{13}, 2^2\})$	2796208
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3, 2^{15}\})$	2752
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^4, 2^{11}\})$	21824
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^7, 2^7\})$	174784
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^{10}, 2^3\})$	1398080
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 3, 2^{12}\})$	11008
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 3^4, 2^8\})$	87296
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 3^7, 2^4\})$	699136

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 3^{10}\})$	5592320
12	$\mathcal{O}(0; \{12, 6^6, 4^9, 3, 2^9\})$	44032
12	$\mathcal{O}(0; \{12, 6^6, 4^9, 3^4, 2^5\})$	349184
12	$\mathcal{O}(0; \{12, 6^6, 4^9, 3^7, 2\})$	2796544
12	$\mathcal{O}(0; \{12, 6^6, 4^{11}, 3, 2^6\})$	176128
12	$\mathcal{O}(0; \{12, 6^6, 4^{11}, 3^4, 2^2\})$	1396736
12	$\mathcal{O}(0; \{12, 6^6, 4^{13}, 3, 2^3\})$	704512
12	$\mathcal{O}(0; \{12, 6^6, 4^{15}, 3\})$	2818048
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^2, 2^{18}\})$	684
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^5, 2^{14}\})$	5460
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^8, 2^{10}\})$	43692
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^{11}, 2^6\})$	349524
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^{14}, 2^2\})$	2796204
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^2, 2^{15}\})$	2736
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^5, 2^{11}\})$	21840
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^8, 2^7\})$	174768
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^{11}, 2^3\})$	1398096
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3^2, 2^{12}\})$	10944
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3^5, 2^8\})$	87360
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3^8, 2^4\})$	699072
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3^{11}\})$	5592384
12	$\mathcal{O}(0; \{12, 6^7, 4^7, 3^2, 2^9\})$	43776
12	$\mathcal{O}(0; \{12, 6^7, 4^7, 3^5, 2^5\})$	349440
12	$\mathcal{O}(0; \{12, 6^7, 4^7, 3^8, 2\})$	2796288
12	$\mathcal{O}(0; \{12, 6^7, 4^9, 3^2, 2^6\})$	175104
12	$\mathcal{O}(0; \{12, 6^7, 4^9, 3^5, 2^2\})$	1397760
12	$\mathcal{O}(0; \{12, 6^7, 4^{11}, 3^2, 2^3\})$	700416
12	$\mathcal{O}(0; \{12, 6^7, 4^{13}, 3^2\})$	2801664
12	$\mathcal{O}(0; \{12, 6^8, 4, 2^{19}\})$	340
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^3, 2^{15}\})$	2732
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^6, 2^{11}\})$	21844
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^9, 2^7\})$	174764
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^{12}, 2^3\})$	1398100
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 2^{16}\})$	1360
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^3, 2^{12}\})$	10928
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^6, 2^8\})$	87376
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^9, 2^4\})$	699056
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^{12}\})$	5592400
12	$\mathcal{O}(0; \{12, 6^8, 4^5, 2^{13}\})$	5440
12	$\mathcal{O}(0; \{12, 6^8, 4^5, 3^3, 2^9\})$	43712
12	$\mathcal{O}(0; \{12, 6^8, 4^5, 3^6, 2^5\})$	349504
12	$\mathcal{O}(0; \{12, 6^8, 4^5, 3^9, 2\})$	2796224
12	$\mathcal{O}(0; \{12, 6^8, 4^7, 2^{10}\})$	21760

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^8, 4^7, 3^3, 2^6\})$	174848
12	$\mathcal{O}(0; \{12, 6^8, 4^7, 3^6, 2^2\})$	1398016
12	$\mathcal{O}(0; \{12, 6^8, 4^9, 2^7\})$	87040
12	$\mathcal{O}(0; \{12, 6^8, 4^9, 3^3, 2^3\})$	699392
12	$\mathcal{O}(0; \{12, 6^8, 4^{11}, 2^4\})$	348160
12	$\mathcal{O}(0; \{12, 6^8, 4^{11}, 3^3\})$	2797568
12	$\mathcal{O}(0; \{12, 6^8, 4^{13}, 2\})$	1392640
12	$\mathcal{O}(0; \{12, 6^9, 4, 3, 2^{16}\})$	1364
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^4, 2^{12}\})$	10924
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^7, 2^8\})$	87380
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^{10}, 2^4\})$	699052
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^{13}\})$	5592404
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 3, 2^{13}\})$	5456
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 3^4, 2^9\})$	43696
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 3^7, 2^5\})$	349520
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 3^{10}, 2\})$	2796208
12	$\mathcal{O}(0; \{12, 6^9, 4^5, 3, 2^{10}\})$	21824
12	$\mathcal{O}(0; \{12, 6^9, 4^5, 3^4, 2^6\})$	174784
12	$\mathcal{O}(0; \{12, 6^9, 4^5, 3^7, 2^2\})$	1398080
12	$\mathcal{O}(0; \{12, 6^9, 4^7, 3, 2^7\})$	87296
12	$\mathcal{O}(0; \{12, 6^9, 4^7, 3^4, 2^3\})$	699136
12	$\mathcal{O}(0; \{12, 6^9, 4^9, 3, 2^4\})$	349184
12	$\mathcal{O}(0; \{12, 6^9, 4^9, 3^4\})$	2796544
12	$\mathcal{O}(0; \{12, 6^9, 4^{11}, 3, 2\})$	1396736
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3^2, 2^{13}\})$	5460
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3^5, 2^9\})$	43692
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3^8, 2^5\})$	349524
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3^{11}, 2\})$	2796204
12	$\mathcal{O}(0; \{12, 6^{10}, 4^3, 3^2, 2^{10}\})$	21840
12	$\mathcal{O}(0; \{12, 6^{10}, 4^3, 3^5, 2^6\})$	174768
12	$\mathcal{O}(0; \{12, 6^{10}, 4^3, 3^8, 2^2\})$	1398096
12	$\mathcal{O}(0; \{12, 6^{10}, 4^5, 3^2, 2^7\})$	87360
12	$\mathcal{O}(0; \{12, 6^{10}, 4^5, 3^5, 2^3\})$	699072
12	$\mathcal{O}(0; \{12, 6^{10}, 4^7, 3^2, 2^4\})$	349440
12	$\mathcal{O}(0; \{12, 6^{10}, 4^7, 3^5\})$	2796288
12	$\mathcal{O}(0; \{12, 6^{10}, 4^9, 3^2, 2\})$	1397760
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 2^{14}\})$	2732
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 3^3, 2^{10}\})$	21844
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 3^6, 2^6\})$	174764
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 3^9, 2^2\})$	1398100
12	$\mathcal{O}(0; \{12, 6^{11}, 4^3, 2^{11}\})$	10928
12	$\mathcal{O}(0; \{12, 6^{11}, 4^3, 3^3, 2^7\})$	87376
12	$\mathcal{O}(0; \{12, 6^{11}, 4^3, 3^6, 2^3\})$	699056

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^{11}, 4^5, 2^8\})$	43712
12	$\mathcal{O}(0; \{12, 6^{11}, 4^5, 3^3, 2^4\})$	349504
12	$\mathcal{O}(0; \{12, 6^{11}, 4^5, 3^6\})$	2796224
12	$\mathcal{O}(0; \{12, 6^{11}, 4^7, 2^5\})$	174848
12	$\mathcal{O}(0; \{12, 6^{11}, 4^7, 3^3, 2\})$	1398016
12	$\mathcal{O}(0; \{12, 6^{11}, 4^9, 2^2\})$	699392
12	$\mathcal{O}(0; \{12, 6^{12}, 4, 3, 2^{11}\})$	10924
12	$\mathcal{O}(0; \{12, 6^{12}, 4, 3^4, 2^7\})$	87380
12	$\mathcal{O}(0; \{12, 6^{12}, 4, 3^7, 2^3\})$	699052
12	$\mathcal{O}(0; \{12, 6^{12}, 4^3, 3, 2^8\})$	43696
12	$\mathcal{O}(0; \{12, 6^{12}, 4^3, 3^4, 2^4\})$	349520
12	$\mathcal{O}(0; \{12, 6^{12}, 4^3, 3^7\})$	2796208
12	$\mathcal{O}(0; \{12, 6^{12}, 4^5, 3, 2^5\})$	174784
12	$\mathcal{O}(0; \{12, 6^{12}, 4^5, 3^4, 2\})$	1398080
12	$\mathcal{O}(0; \{12, 6^{12}, 4^7, 3, 2^2\})$	699136
12	$\mathcal{O}(0; \{12, 6^{13}, 4, 3^2, 2^8\})$	43692
12	$\mathcal{O}(0; \{12, 6^{13}, 4, 3^5, 2^4\})$	349524
12	$\mathcal{O}(0; \{12, 6^{13}, 4, 3^8\})$	2796204
12	$\mathcal{O}(0; \{12, 6^{13}, 4^3, 3^2, 2^5\})$	174768
12	$\mathcal{O}(0; \{12, 6^{13}, 4^3, 3^5, 2\})$	1398096
12	$\mathcal{O}(0; \{12, 6^{13}, 4^5, 3^2, 2^2\})$	699072
12	$\mathcal{O}(0; \{12, 6^{14}, 4, 2^9\})$	21844
12	$\mathcal{O}(0; \{12, 6^{14}, 4, 3^3, 2^5\})$	174764
12	$\mathcal{O}(0; \{12, 6^{14}, 4, 3^6, 2\})$	1398100
12	$\mathcal{O}(0; \{12, 6^{14}, 4^3, 2^6\})$	87376
12	$\mathcal{O}(0; \{12, 6^{14}, 4^3, 3^3, 2^2\})$	699056
12	$\mathcal{O}(0; \{12, 6^{14}, 4^5, 2^3\})$	349504
12	$\mathcal{O}(0; \{12, 6^{14}, 4^7\})$	1398016
12	$\mathcal{O}(0; \{12, 6^{15}, 4, 3, 2^6\})$	87380
12	$\mathcal{O}(0; \{12, 6^{15}, 4, 3^4, 2^2\})$	699052
12	$\mathcal{O}(0; \{12, 6^{15}, 4^3, 3, 2^3\})$	349520
12	$\mathcal{O}(0; \{12, 6^{15}, 4^5, 3\})$	1398080
12	$\mathcal{O}(0; \{12, 6^{16}, 4, 3^2, 2^3\})$	349524
12	$\mathcal{O}(0; \{12, 6^{16}, 4^3, 3^2\})$	1398096
12	$\mathcal{O}(0; \{12, 6^{17}, 4, 2^4\})$	174764
12	$\mathcal{O}(0; \{12, 6^{17}, 4, 3^3\})$	1398100
12	$\mathcal{O}(0; \{12, 6^{17}, 4^3, 2\})$	699056
12	$\mathcal{O}(0; \{12, 6^{18}, 4, 3, 2\})$	699052
12	$\mathcal{O}(0; \{12^2, 2^{32}\})$	4
12	$\mathcal{O}(0; \{12^2, 3^3, 2^{28}\})$	20
12	$\mathcal{O}(0; \{12^2, 3^6, 2^{24}\})$	172
12	$\mathcal{O}(0; \{12^2, 3^9, 2^{20}\})$	1364
12	$\mathcal{O}(0; \{12^2, 3^{12}, 2^{16}\})$	10924

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 3^{15}, 2^{12}\})$	87380
12	$\mathcal{O}(0; \{12^2, 3^{18}, 2^8\})$	699052
12	$\mathcal{O}(0; \{12^2, 3^{21}, 2^4\})$	5592404
12	$\mathcal{O}(0; \{12^2, 3^{24}\})$	44739244
12	$\mathcal{O}(0; \{12^2, 4^2, 2^{29}\})$	16
12	$\mathcal{O}(0; \{12^2, 4^2, 3^3, 2^{25}\})$	80
12	$\mathcal{O}(0; \{12^2, 4^2, 3^6, 2^{21}\})$	688
12	$\mathcal{O}(0; \{12^2, 4^2, 3^9, 2^{17}\})$	5456
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{12}, 2^{13}\})$	43696
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{15}, 2^9\})$	349520
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{18}, 2^5\})$	2796208
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{21}, 2\})$	22369616
12	$\mathcal{O}(0; \{12^2, 4^4, 2^{26}\})$	64
12	$\mathcal{O}(0; \{12^2, 4^4, 3^3, 2^{22}\})$	320
12	$\mathcal{O}(0; \{12^2, 4^4, 3^6, 2^{18}\})$	2752
12	$\mathcal{O}(0; \{12^2, 4^4, 3^9, 2^{14}\})$	21824
12	$\mathcal{O}(0; \{12^2, 4^4, 3^{12}, 2^{10}\})$	174784
12	$\mathcal{O}(0; \{12^2, 4^4, 3^{15}, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12^2, 4^4, 3^{18}, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^2, 4^6, 2^{23}\})$	256
12	$\mathcal{O}(0; \{12^2, 4^6, 3^3, 2^{19}\})$	1280
12	$\mathcal{O}(0; \{12^2, 4^6, 3^6, 2^{15}\})$	11008
12	$\mathcal{O}(0; \{12^2, 4^6, 3^9, 2^{11}\})$	87296
12	$\mathcal{O}(0; \{12^2, 4^6, 3^{12}, 2^7\})$	699136
12	$\mathcal{O}(0; \{12^2, 4^6, 3^{15}, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^2, 4^8, 2^{20}\})$	1024
12	$\mathcal{O}(0; \{12^2, 4^8, 3^3, 2^{16}\})$	5120
12	$\mathcal{O}(0; \{12^2, 4^8, 3^6, 2^{12}\})$	44032
12	$\mathcal{O}(0; \{12^2, 4^8, 3^9, 2^8\})$	349184
12	$\mathcal{O}(0; \{12^2, 4^8, 3^{12}, 2^4\})$	2796544
12	$\mathcal{O}(0; \{12^2, 4^8, 3^{15}\})$	22369280
12	$\mathcal{O}(0; \{12^2, 4^{10}, 2^{17}\})$	4096
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^3, 2^{13}\})$	20480
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^6, 2^9\})$	176128
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^9, 2^5\})$	1396736
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^{12}, 2\})$	11186176
12	$\mathcal{O}(0; \{12^2, 4^{12}, 2^{14}\})$	16384
12	$\mathcal{O}(0; \{12^2, 4^{12}, 3^3, 2^{10}\})$	81920
12	$\mathcal{O}(0; \{12^2, 4^{12}, 3^6, 2^6\})$	704512
12	$\mathcal{O}(0; \{12^2, 4^{12}, 3^9, 2^2\})$	5586944
12	$\mathcal{O}(0; \{12^2, 4^{14}, 2^{11}\})$	65536
12	$\mathcal{O}(0; \{12^2, 4^{14}, 3^3, 2^7\})$	327680
12	$\mathcal{O}(0; \{12^2, 4^{14}, 3^6, 2^3\})$	2818048

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 4^{16}, 2^8\})$	262144
12	$\mathcal{O}(0; \{12^2, 4^{16}, 3^3, 2^4\})$	1310720
12	$\mathcal{O}(0; \{12^2, 4^{16}, 3^6\})$	11272192
12	$\mathcal{O}(0; \{12^2, 4^{18}, 2^5\})$	1048576
12	$\mathcal{O}(0; \{12^2, 4^{18}, 3^3, 2\})$	5242880
12	$\mathcal{O}(0; \{12^2, 4^{20}, 2^2\})$	4194304
12	$\mathcal{O}(0; \{12^2, 6, 3, 2^{29}\})$	12
12	$\mathcal{O}(0; \{12^2, 6, 3^4, 2^{25}\})$	84
12	$\mathcal{O}(0; \{12^2, 6, 3^7, 2^{21}\})$	684
12	$\mathcal{O}(0; \{12^2, 6, 3^{10}, 2^{17}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6, 3^{13}, 2^{13}\})$	43692
12	$\mathcal{O}(0; \{12^2, 6, 3^{16}, 2^9\})$	349524
12	$\mathcal{O}(0; \{12^2, 6, 3^{19}, 2^5\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6, 3^{22}, 2\})$	22369620
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3, 2^{26}\})$	48
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^4, 2^{22}\})$	336
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^7, 2^{18}\})$	2736
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{10}, 2^{14}\})$	21840
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{13}, 2^{10}\})$	174768
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{16}, 2^6\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{19}, 2^2\})$	11184816
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3, 2^{23}\})$	192
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^4, 2^{19}\})$	1344
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^7, 2^{15}\})$	10944
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^{10}, 2^{11}\})$	87360
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^{13}, 2^7\})$	699072
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^{16}, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3, 2^{20}\})$	768
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^4, 2^{16}\})$	5376
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^7, 2^{12}\})$	43776
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^{10}, 2^8\})$	349440
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^{13}, 2^4\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^{16}\})$	22369536
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3, 2^{17}\})$	3072
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^4, 2^{13}\})$	21504
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^7, 2^9\})$	175104
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^{10}, 2^5\})$	1397760
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^{13}, 2\})$	11185152
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3, 2^{14}\})$	12288
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3^4, 2^{10}\})$	86016
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3^7, 2^6\})$	700416
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3^{10}, 2^2\})$	5591040
12	$\mathcal{O}(0; \{12^2, 6, 4^{12}, 3, 2^{11}\})$	49152

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6, 4^{12}, 3^4, 2^7\})$	344064
12	$\mathcal{O}(0; \{12^2, 6, 4^{12}, 3^7, 2^3\})$	2801664
12	$\mathcal{O}(0; \{12^2, 6, 4^{14}, 3, 2^8\})$	196608
12	$\mathcal{O}(0; \{12^2, 6, 4^{14}, 3^4, 2^4\})$	1376256
12	$\mathcal{O}(0; \{12^2, 6, 4^{14}, 3^7\})$	11206656
12	$\mathcal{O}(0; \{12^2, 6, 4^{16}, 3, 2^5\})$	786432
12	$\mathcal{O}(0; \{12^2, 6, 4^{16}, 3^4, 2\})$	5505024
12	$\mathcal{O}(0; \{12^2, 6, 4^{18}, 3, 2^2\})$	3145728
12	$\mathcal{O}(0; \{12^2, 6^2, 3^2, 2^{26}\})$	44
12	$\mathcal{O}(0; \{12^2, 6^2, 3^5, 2^{22}\})$	340
12	$\mathcal{O}(0; \{12^2, 6^2, 3^8, 2^{18}\})$	2732
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{11}, 2^{14}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{14}, 2^{10}\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{17}, 2^6\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{20}, 2^2\})$	11184812
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^2, 2^{23}\})$	176
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^5, 2^{19}\})$	1360
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^8, 2^{15}\})$	10928
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^{11}, 2^{11}\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^{14}, 2^7\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^{17}, 2^3\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^2, 2^{20}\})$	704
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^5, 2^{16}\})$	5440
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^8, 2^{12}\})$	43712
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^{11}, 2^8\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^{14}, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^{17}\})$	22369600
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^2, 2^{17}\})$	2816
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^5, 2^{13}\})$	21760
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^8, 2^9\})$	174848
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^{11}, 2^5\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^{14}, 2\})$	11184896
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^2, 2^{14}\})$	11264
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^5, 2^{10}\})$	87040
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^8, 2^6\})$	699392
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^{11}, 2^2\})$	5592064
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 3^2, 2^{11}\})$	45056
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 3^5, 2^7\})$	348160
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 3^8, 2^3\})$	2797568
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{12}, 3^2, 2^8\})$	180224
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{12}, 3^5, 2^4\})$	1392640
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{12}, 3^8\})$	11190272
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{14}, 3^2, 2^5\})$	720896

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{14}, 3^5, 2\})$	5570560
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{16}, 3^2, 2^2\})$	2883584
12	$\mathcal{O}(0; \{12^2, 6^3, 2^{27}\})$	20
12	$\mathcal{O}(0; \{12^2, 6^3, 3^3, 2^{23}\})$	172
12	$\mathcal{O}(0; \{12^2, 6^3, 3^6, 2^{19}\})$	1364
12	$\mathcal{O}(0; \{12^2, 6^3, 3^9, 2^{15}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{12}, 2^{11}\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{15}, 2^7\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{18}, 2^3\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 2^{24}\})$	80
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^3, 2^{20}\})$	688
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^6, 2^{16}\})$	5456
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^9, 2^{12}\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^{12}, 2^8\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^{15}, 2^4\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^{18}\})$	22369616
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 2^{21}\})$	320
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^3, 2^{17}\})$	2752
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^6, 2^{13}\})$	21824
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^9, 2^9\})$	174784
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^{12}, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^{15}, 2\})$	11184832
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 2^{18}\})$	1280
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^3, 2^{14}\})$	11008
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^6, 2^{10}\})$	87296
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^9, 2^6\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^{12}, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 2^{15}\})$	5120
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3^3, 2^{11}\})$	44032
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3^6, 2^7\})$	349184
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3^9, 2^3\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{10}, 2^{12}\})$	20480
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{10}, 3^3, 2^8\})$	176128
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{10}, 3^6, 2^4\})$	1396736
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{10}, 3^9\})$	11186176
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{12}, 2^9\})$	81920
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{12}, 3^3, 2^5\})$	704512
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{12}, 3^6, 2\})$	5586944
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{14}, 2^6\})$	327680
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{14}, 3^3, 2^2\})$	2818048
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{16}, 2^3\})$	1310720
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{18}\})$	5242880
12	$\mathcal{O}(0; \{12^2, 6^4, 3, 2^{24}\})$	84

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^4, 3^4, 2^{20}\})$	684
12	$\mathcal{O}(0; \{12^2, 6^4, 3^7, 2^{16}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6^4, 3^{10}, 2^{12}\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^4, 3^{13}, 2^8\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^4, 3^{16}, 2^4\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^4, 3^{19}\})$	22369620
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3, 2^{21}\})$	336
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^4, 2^{17}\})$	2736
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^7, 2^{13}\})$	21840
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^{10}, 2^9\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^{13}, 2^5\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^{16}, 2\})$	11184816
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3, 2^{18}\})$	1344
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^4, 2^{14}\})$	10944
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^7, 2^{10}\})$	87360
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^{10}, 2^6\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^{13}, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3, 2^{15}\})$	5376
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^4, 2^{11}\})$	43776
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^7, 2^7\})$	349440
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^{10}, 2^3\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 3, 2^{12}\})$	21504
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 3^4, 2^8\})$	175104
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 3^7, 2^4\})$	1397760
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 3^{10}\})$	11185152
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{10}, 3, 2^9\})$	86016
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{10}, 3^4, 2^5\})$	700416
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{10}, 3^7, 2\})$	5591040
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{12}, 3, 2^6\})$	344064
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{12}, 3^4, 2^2\})$	2801664
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{14}, 3, 2^3\})$	1376256
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{16}, 3\})$	5505024
12	$\mathcal{O}(0; \{12^2, 6^5, 3^2, 2^{21}\})$	340
12	$\mathcal{O}(0; \{12^2, 6^5, 3^5, 2^{17}\})$	2732
12	$\mathcal{O}(0; \{12^2, 6^5, 3^8, 2^{13}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^5, 3^{11}, 2^9\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^5, 3^{14}, 2^5\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^5, 3^{17}, 2\})$	11184812
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^2, 2^{18}\})$	1360
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^5, 2^{14}\})$	10928
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^8, 2^{10}\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^{11}, 2^6\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^{14}, 2^2\})$	5592400

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^2, 2^{15}\})$	5440
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^5, 2^{11}\})$	43712
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^8, 2^7\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^{11}, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3^2, 2^{12}\})$	21760
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3^5, 2^8\})$	174848
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3^8, 2^4\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3^{11}\})$	11184896
12	$\mathcal{O}(0; \{12^2, 6^5, 4^8, 3^2, 2^9\})$	87040
12	$\mathcal{O}(0; \{12^2, 6^5, 4^8, 3^5, 2^5\})$	699392
12	$\mathcal{O}(0; \{12^2, 6^5, 4^8, 3^8, 2\})$	5592064
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{10}, 3^2, 2^6\})$	348160
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{10}, 3^5, 2^2\})$	2797568
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{12}, 3^2, 2^3\})$	1392640
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{14}, 3^2\})$	5570560
12	$\mathcal{O}(0; \{12^2, 6^6, 2^{22}\})$	172
12	$\mathcal{O}(0; \{12^2, 6^6, 3^3, 2^{18}\})$	1364
12	$\mathcal{O}(0; \{12^2, 6^6, 3^6, 2^{14}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6^6, 3^9, 2^{10}\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^6, 3^{12}, 2^6\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^6, 3^{15}, 2^2\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 2^{19}\})$	688
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^3, 2^{15}\})$	5456
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^6, 2^{11}\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^9, 2^7\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^{12}, 2^3\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 2^{16}\})$	2752
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^3, 2^{12}\})$	21824
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^6, 2^8\})$	174784
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^9, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^{12}\})$	11184832
12	$\mathcal{O}(0; \{12^2, 6^6, 4^6, 2^{13}\})$	11008
12	$\mathcal{O}(0; \{12^2, 6^6, 4^6, 3^3, 2^9\})$	87296
12	$\mathcal{O}(0; \{12^2, 6^6, 4^6, 3^6, 2^5\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^6, 4^6, 3^9, 2\})$	5592320
12	$\mathcal{O}(0; \{12^2, 6^6, 4^8, 2^{10}\})$	44032
12	$\mathcal{O}(0; \{12^2, 6^6, 4^8, 3^3, 2^6\})$	349184
12	$\mathcal{O}(0; \{12^2, 6^6, 4^8, 3^6, 2^2\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{10}, 2^7\})$	176128
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{10}, 3^3, 2^3\})$	1396736
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{12}, 2^4\})$	704512
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{12}, 3^3\})$	5586944
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{14}, 2\})$	2818048

Continued on next page

Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^7, 3, 2^{19}\})$	684
12	$\mathcal{O}(0; \{12^2, 6^7, 3^4, 2^{15}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6^7, 3^7, 2^{11}\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^7, 3^{10}, 2^7\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^7, 3^{13}, 2^3\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3, 2^{16}\})$	2736
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^4, 2^{12}\})$	21840
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^7, 2^8\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^{10}, 2^4\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^{13}\})$	11184816
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 3, 2^{13}\})$	10944
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 3^4, 2^9\})$	87360
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 3^7, 2^5\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 3^{10}, 2\})$	5592384
12	$\mathcal{O}(0; \{12^2, 6^7, 4^6, 3, 2^{10}\})$	43776
12	$\mathcal{O}(0; \{12^2, 6^7, 4^6, 3^4, 2^6\})$	349440
12	$\mathcal{O}(0; \{12^2, 6^7, 4^6, 3^7, 2^2\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^7, 4^8, 3, 2^7\})$	175104
12	$\mathcal{O}(0; \{12^2, 6^7, 4^8, 3^4, 2^3\})$	1397760
12	$\mathcal{O}(0; \{12^2, 6^7, 4^{10}, 3, 2^4\})$	700416
12	$\mathcal{O}(0; \{12^2, 6^7, 4^{10}, 3^4\})$	5591040
12	$\mathcal{O}(0; \{12^2, 6^7, 4^{12}, 3, 2\})$	2801664
12	$\mathcal{O}(0; \{12^2, 6^8, 3^2, 2^{16}\})$	2732
12	$\mathcal{O}(0; \{12^2, 6^8, 3^5, 2^{12}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^8, 3^8, 2^8\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^8, 3^{11}, 2^4\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^8, 3^{14}\})$	11184812
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3^2, 2^{13}\})$	10928
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3^5, 2^9\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3^8, 2^5\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3^{11}, 2\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6^8, 4^4, 3^2, 2^{10}\})$	43712
12	$\mathcal{O}(0; \{12^2, 6^8, 4^4, 3^5, 2^6\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^8, 4^4, 3^8, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^8, 4^6, 3^2, 2^7\})$	174848
12	$\mathcal{O}(0; \{12^2, 6^8, 4^6, 3^5, 2^3\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^8, 4^8, 3^2, 2^4\})$	699392
12	$\mathcal{O}(0; \{12^2, 6^8, 4^8, 3^5\})$	5592064
12	$\mathcal{O}(0; \{12^2, 6^8, 4^{10}, 3^2, 2\})$	2797568
12	$\mathcal{O}(0; \{12^2, 6^9, 2^{17}\})$	1364
12	$\mathcal{O}(0; \{12^2, 6^9, 3^3, 2^{13}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6^9, 3^6, 2^9\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^9, 3^9, 2^5\})$	699052

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^9, 3^{12}, 2\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 2^{14}\})$	5456
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 3^3, 2^{10}\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 3^6, 2^6\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 3^9, 2^2\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^9, 4^4, 2^{11}\})$	21824
12	$\mathcal{O}(0; \{12^2, 6^9, 4^4, 3^3, 2^7\})$	174784
12	$\mathcal{O}(0; \{12^2, 6^9, 4^4, 3^6, 2^3\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^9, 4^6, 2^8\})$	87296
12	$\mathcal{O}(0; \{12^2, 6^9, 4^6, 3^3, 2^4\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^9, 4^6, 3^6\})$	5592320
12	$\mathcal{O}(0; \{12^2, 6^9, 4^8, 2^5\})$	349184
12	$\mathcal{O}(0; \{12^2, 6^9, 4^8, 3^3, 2\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6^9, 4^{10}, 2^2\})$	1396736
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3, 2^{14}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3^4, 2^{10}\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3^7, 2^6\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3^{10}, 2^2\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^2, 3, 2^{11}\})$	21840
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^2, 3^4, 2^7\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^2, 3^7, 2^3\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^4, 3, 2^8\})$	87360
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^4, 3^4, 2^4\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^4, 3^7\})$	5592384
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^6, 3, 2^5\})$	349440
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^6, 3^4, 2\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^8, 3, 2^2\})$	1397760
12	$\mathcal{O}(0; \{12^2, 6^{11}, 3^2, 2^{11}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^{11}, 3^5, 2^7\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^{11}, 3^8, 2^3\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^2, 3^2, 2^8\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^2, 3^5, 2^4\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^2, 3^8\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^4, 3^2, 2^5\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^4, 3^5, 2\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^6, 3^2, 2^2\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^{12}, 2^{12}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6^{12}, 3^3, 2^8\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^{12}, 3^6, 2^4\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^{12}, 3^9\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^2, 2^9\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^2, 3^3, 2^5\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^2, 3^6, 2\})$	2796208

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^4, 2^6\})$	174784
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^4, 3^3, 2^2\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^6, 2^3\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^8\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6^{13}, 3, 2^9\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^{13}, 3^4, 2^5\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^{13}, 3^7, 2\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^2, 3, 2^6\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^2, 3^4, 2^2\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^4, 3, 2^3\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^6, 3\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^{14}, 3^2, 2^6\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^{14}, 3^5, 2^2\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^{14}, 4^2, 3^2, 2^3\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^{14}, 4^4, 3^2\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^{15}, 2^7\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^{15}, 3^3, 2^3\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^{15}, 4^2, 2^4\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^{15}, 4^2, 3^3\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^{15}, 4^4, 2\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^{16}, 3, 2^4\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^{16}, 3^4\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^{16}, 4^2, 3, 2\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^{17}, 3^2, 2\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^{18}, 2^2\})$	699052
12	$\mathcal{O}(0; \{12^3, 4, 3^2, 2^{26}\})$	80
12	$\mathcal{O}(0; \{12^3, 4, 3^5, 2^{22}\})$	688
12	$\mathcal{O}(0; \{12^3, 4, 3^8, 2^{18}\})$	5456
12	$\mathcal{O}(0; \{12^3, 4, 3^{11}, 2^{14}\})$	43696
12	$\mathcal{O}(0; \{12^3, 4, 3^{14}, 2^{10}\})$	349520
12	$\mathcal{O}(0; \{12^3, 4, 3^{17}, 2^6\})$	2796208
12	$\mathcal{O}(0; \{12^3, 4, 3^{20}, 2^2\})$	22369616
12	$\mathcal{O}(0; \{12^3, 4^3, 3^2, 2^{23}\})$	320
12	$\mathcal{O}(0; \{12^3, 4^3, 3^5, 2^{19}\})$	2752
12	$\mathcal{O}(0; \{12^3, 4^3, 3^8, 2^{15}\})$	21824
12	$\mathcal{O}(0; \{12^3, 4^3, 3^{11}, 2^{11}\})$	174784
12	$\mathcal{O}(0; \{12^3, 4^3, 3^{14}, 2^7\})$	1398080
12	$\mathcal{O}(0; \{12^3, 4^3, 3^{17}, 2^3\})$	11184832
12	$\mathcal{O}(0; \{12^3, 4^5, 3^2, 2^{20}\})$	1280
12	$\mathcal{O}(0; \{12^3, 4^5, 3^5, 2^{16}\})$	11008
12	$\mathcal{O}(0; \{12^3, 4^5, 3^8, 2^{12}\})$	87296
12	$\mathcal{O}(0; \{12^3, 4^5, 3^{11}, 2^8\})$	699136
12	$\mathcal{O}(0; \{12^3, 4^5, 3^{14}, 2^4\})$	5592320

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 4^5, 3^{17}\})$	44739328
12	$\mathcal{O}(0; \{12^3, 4^7, 3^2, 2^{17}\})$	5120
12	$\mathcal{O}(0; \{12^3, 4^7, 3^5, 2^{13}\})$	44032
12	$\mathcal{O}(0; \{12^3, 4^7, 3^8, 2^9\})$	349184
12	$\mathcal{O}(0; \{12^3, 4^7, 3^{11}, 2^5\})$	2796544
12	$\mathcal{O}(0; \{12^3, 4^7, 3^{14}, 2\})$	22369280
12	$\mathcal{O}(0; \{12^3, 4^9, 3^2, 2^{14}\})$	20480
12	$\mathcal{O}(0; \{12^3, 4^9, 3^5, 2^{10}\})$	176128
12	$\mathcal{O}(0; \{12^3, 4^9, 3^8, 2^6\})$	1396736
12	$\mathcal{O}(0; \{12^3, 4^9, 3^{11}, 2^2\})$	11186176
12	$\mathcal{O}(0; \{12^3, 4^{11}, 3^2, 2^{11}\})$	81920
12	$\mathcal{O}(0; \{12^3, 4^{11}, 3^5, 2^7\})$	704512
12	$\mathcal{O}(0; \{12^3, 4^{11}, 3^8, 2^3\})$	5586944
12	$\mathcal{O}(0; \{12^3, 4^{13}, 3^2, 2^8\})$	327680
12	$\mathcal{O}(0; \{12^3, 4^{13}, 3^5, 2^4\})$	2818048
12	$\mathcal{O}(0; \{12^3, 4^{13}, 3^8\})$	22347776
12	$\mathcal{O}(0; \{12^3, 4^{15}, 3^2, 2^5\})$	1310720
12	$\mathcal{O}(0; \{12^3, 4^{15}, 3^5, 2\})$	11272192
12	$\mathcal{O}(0; \{12^3, 4^{17}, 3^2, 2^2\})$	5242880
12	$\mathcal{O}(0; \{12^3, 6, 4, 2^{27}\})$	48
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^3, 2^{23}\})$	336
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^6, 2^{19}\})$	2736
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^9, 2^{15}\})$	21840
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{12}, 2^{11}\})$	174768
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{15}, 2^7\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{18}, 2^3\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 2^{24}\})$	192
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^3, 2^{20}\})$	1344
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^6, 2^{16}\})$	10944
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^9, 2^{12}\})$	87360
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^{12}, 2^8\})$	699072
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^{15}, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^{18}\})$	44739264
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 2^{21}\})$	768
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^3, 2^{17}\})$	5376
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^6, 2^{13}\})$	43776
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^9, 2^9\})$	349440
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^{12}, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^{15}, 2\})$	22369536
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 2^{18}\})$	3072
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^3, 2^{14}\})$	21504
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^6, 2^{10}\})$	175104
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^9, 2^6\})$	1397760

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^{12}, 2^2\})$	11185152
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 2^{15}\})$	12288
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3^3, 2^{11}\})$	86016
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3^6, 2^7\})$	700416
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3^9, 2^3\})$	5591040
12	$\mathcal{O}(0; \{12^3, 6, 4^{11}, 2^{12}\})$	49152
12	$\mathcal{O}(0; \{12^3, 6, 4^{11}, 3^3, 2^8\})$	344064
12	$\mathcal{O}(0; \{12^3, 6, 4^{11}, 3^6, 2^4\})$	2801664
12	$\mathcal{O}(0; \{12^3, 6, 4^{11}, 3^9\})$	22364160
12	$\mathcal{O}(0; \{12^3, 6, 4^{13}, 2^9\})$	196608
12	$\mathcal{O}(0; \{12^3, 6, 4^{13}, 3^3, 2^5\})$	1376256
12	$\mathcal{O}(0; \{12^3, 6, 4^{13}, 3^6, 2\})$	11206656
12	$\mathcal{O}(0; \{12^3, 6, 4^{15}, 2^6\})$	786432
12	$\mathcal{O}(0; \{12^3, 6, 4^{15}, 3^3, 2^2\})$	5505024
12	$\mathcal{O}(0; \{12^3, 6, 4^{17}, 2^3\})$	3145728
12	$\mathcal{O}(0; \{12^3, 6, 4^{19}\})$	12582912
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3, 2^{24}\})$	176
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^4, 2^{20}\})$	1360
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^7, 2^{16}\})$	10928
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^{10}, 2^{12}\})$	87376
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^{13}, 2^8\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^{16}, 2^4\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^{19}\})$	44739248
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3, 2^{21}\})$	704
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^4, 2^{17}\})$	5440
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^7, 2^{13}\})$	43712
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^{10}, 2^9\})$	349504
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^{13}, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^{16}, 2\})$	22369600
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3, 2^{18}\})$	2816
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^4, 2^{14}\})$	21760
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^7, 2^{10}\})$	174848
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^{10}, 2^6\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^{13}, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3, 2^{15}\})$	11264
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^4, 2^{11}\})$	87040
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^7, 2^7\})$	699392
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^{10}, 2^3\})$	5592064
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 3, 2^{12}\})$	45056
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 3^4, 2^8\})$	348160
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 3^7, 2^4\})$	2797568
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 3^{10}\})$	22368256
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{11}, 3, 2^9\})$	180224

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{11}, 3^4, 2^5\})$	1392640
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{11}, 3^7, 2\})$	11190272
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{13}, 3, 2^6\})$	720896
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{13}, 3^4, 2^2\})$	5570560
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{15}, 3, 2^3\})$	2883584
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{17}, 3\})$	11534336
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^2, 2^{21}\})$	688
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^5, 2^{17}\})$	5456
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^8, 2^{13}\})$	43696
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^{11}, 2^9\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^{14}, 2^5\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^{17}, 2\})$	22369616
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^2, 2^{18}\})$	2752
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^5, 2^{14}\})$	21824
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^8, 2^{10}\})$	174784
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^{11}, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^{14}, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^2, 2^{15}\})$	11008
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^5, 2^{11}\})$	87296
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^8, 2^7\})$	699136
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^{11}, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3^2, 2^{12}\})$	44032
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3^5, 2^8\})$	349184
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3^8, 2^4\})$	2796544
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3^{11}\})$	22369280
12	$\mathcal{O}(0; \{12^3, 6^3, 4^9, 3^2, 2^9\})$	176128
12	$\mathcal{O}(0; \{12^3, 6^3, 4^9, 3^5, 2^5\})$	1396736
12	$\mathcal{O}(0; \{12^3, 6^3, 4^9, 3^8, 2\})$	11186176
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{11}, 3^2, 2^6\})$	704512
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{11}, 3^5, 2^2\})$	5586944
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{13}, 3^2, 2^3\})$	2818048
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{15}, 3^2\})$	11272192
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 2^{22}\})$	336
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^3, 2^{18}\})$	2736
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^6, 2^{14}\})$	21840
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^9, 2^{10}\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^{12}, 2^6\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^{15}, 2^2\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 2^{19}\})$	1344
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^3, 2^{15}\})$	10944
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^6, 2^{11}\})$	87360
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^9, 2^7\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^{12}, 2^3\})$	5592384

Continued on next page

Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 2^{16}\})$	5376
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^3, 2^{12}\})$	43776
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^6, 2^8\})$	349440
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^9, 2^4\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^{12}\})$	22369536
12	$\mathcal{O}(0; \{12^3, 6^4, 4^7, 2^{13}\})$	21504
12	$\mathcal{O}(0; \{12^3, 6^4, 4^7, 3^3, 2^9\})$	175104
12	$\mathcal{O}(0; \{12^3, 6^4, 4^7, 3^6, 2^5\})$	1397760
12	$\mathcal{O}(0; \{12^3, 6^4, 4^7, 3^9, 2\})$	11185152
12	$\mathcal{O}(0; \{12^3, 6^4, 4^9, 2^{10}\})$	86016
12	$\mathcal{O}(0; \{12^3, 6^4, 4^9, 3^3, 2^6\})$	700416
12	$\mathcal{O}(0; \{12^3, 6^4, 4^9, 3^6, 2^2\})$	5591040
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{11}, 2^7\})$	344064
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{11}, 3^3, 2^3\})$	2801664
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{13}, 2^4\})$	1376256
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{13}, 3^3\})$	11206656
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{15}, 2\})$	5505024
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3, 2^{19}\})$	1360
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^4, 2^{15}\})$	10928
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^7, 2^{11}\})$	87376
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^{10}, 2^7\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^{13}, 2^3\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3, 2^{16}\})$	5440
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^4, 2^{12}\})$	43712
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^7, 2^8\})$	349504
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^{10}, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^{13}\})$	22369600
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 3, 2^{13}\})$	21760
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 3^4, 2^9\})$	174848
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 3^7, 2^5\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 3^{10}, 2\})$	11184896
12	$\mathcal{O}(0; \{12^3, 6^5, 4^7, 3, 2^{10}\})$	87040
12	$\mathcal{O}(0; \{12^3, 6^5, 4^7, 3^4, 2^6\})$	699392
12	$\mathcal{O}(0; \{12^3, 6^5, 4^7, 3^7, 2^2\})$	5592064
12	$\mathcal{O}(0; \{12^3, 6^5, 4^9, 3, 2^7\})$	348160
12	$\mathcal{O}(0; \{12^3, 6^5, 4^9, 3^4, 2^3\})$	2797568
12	$\mathcal{O}(0; \{12^3, 6^5, 4^{11}, 3, 2^4\})$	1392640
12	$\mathcal{O}(0; \{12^3, 6^5, 4^{11}, 3^4\})$	11190272
12	$\mathcal{O}(0; \{12^3, 6^5, 4^{13}, 3, 2\})$	5570560
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^2, 2^{16}\})$	5456
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^5, 2^{12}\})$	43696
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^8, 2^8\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^{11}, 2^4\})$	2796208

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^{14}\})$	22369616
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3^2, 2^{13}\})$	21824
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3^5, 2^9\})$	174784
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3^8, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3^{11}, 2\})$	11184832
12	$\mathcal{O}(0; \{12^3, 6^6, 4^5, 3^2, 2^{10}\})$	87296
12	$\mathcal{O}(0; \{12^3, 6^6, 4^5, 3^5, 2^6\})$	699136
12	$\mathcal{O}(0; \{12^3, 6^6, 4^5, 3^8, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^6, 4^7, 3^2, 2^7\})$	349184
12	$\mathcal{O}(0; \{12^3, 6^6, 4^7, 3^5, 2^3\})$	2796544
12	$\mathcal{O}(0; \{12^3, 6^6, 4^9, 3^2, 2^4\})$	1396736
12	$\mathcal{O}(0; \{12^3, 6^6, 4^9, 3^5\})$	11186176
12	$\mathcal{O}(0; \{12^3, 6^6, 4^{11}, 3^2, 2\})$	5586944
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 2^{17}\})$	2736
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^3, 2^{13}\})$	21840
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^6, 2^9\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^9, 2^5\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^{12}, 2\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 2^{14}\})$	10944
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 3^3, 2^{10}\})$	87360
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 3^6, 2^6\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 3^9, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^7, 4^5, 2^{11}\})$	43776
12	$\mathcal{O}(0; \{12^3, 6^7, 4^5, 3^3, 2^7\})$	349440
12	$\mathcal{O}(0; \{12^3, 6^7, 4^5, 3^6, 2^3\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^7, 4^7, 2^8\})$	175104
12	$\mathcal{O}(0; \{12^3, 6^7, 4^7, 3^3, 2^4\})$	1397760
12	$\mathcal{O}(0; \{12^3, 6^7, 4^7, 3^6\})$	11185152
12	$\mathcal{O}(0; \{12^3, 6^7, 4^9, 2^5\})$	700416
12	$\mathcal{O}(0; \{12^3, 6^7, 4^9, 3^3, 2\})$	5591040
12	$\mathcal{O}(0; \{12^3, 6^7, 4^{11}, 2^2\})$	2801664
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3, 2^{14}\})$	10928
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3^4, 2^{10}\})$	87376
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3^7, 2^6\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3^{10}, 2^2\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^8, 4^3, 3, 2^{11}\})$	43712
12	$\mathcal{O}(0; \{12^3, 6^8, 4^3, 3^4, 2^7\})$	349504
12	$\mathcal{O}(0; \{12^3, 6^8, 4^3, 3^7, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^8, 4^5, 3, 2^8\})$	174848
12	$\mathcal{O}(0; \{12^3, 6^8, 4^5, 3^4, 2^4\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^8, 4^5, 3^7\})$	11184896
12	$\mathcal{O}(0; \{12^3, 6^8, 4^7, 3, 2^5\})$	699392
12	$\mathcal{O}(0; \{12^3, 6^8, 4^7, 3^4, 2\})$	5592064

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^8, 4^9, 3, 2^2\})$	2797568
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 3^2, 2^{11}\})$	43696
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 3^5, 2^7\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 3^8, 2^3\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^9, 4^3, 3^2, 2^8\})$	174784
12	$\mathcal{O}(0; \{12^3, 6^9, 4^3, 3^5, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^9, 4^3, 3^8\})$	11184832
12	$\mathcal{O}(0; \{12^3, 6^9, 4^5, 3^2, 2^5\})$	699136
12	$\mathcal{O}(0; \{12^3, 6^9, 4^5, 3^5, 2\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^9, 4^7, 3^2, 2^2\})$	2796544
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4, 2^{12}\})$	21840
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4, 3^3, 2^8\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4, 3^6, 2^4\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4, 3^9\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^3, 2^9\})$	87360
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^3, 3^3, 2^5\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^3, 3^6, 2\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^5, 2^6\})$	349440
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^5, 3^3, 2^2\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^7, 2^3\})$	1397760
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^9\})$	5591040
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4, 3, 2^9\})$	87376
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4, 3^4, 2^5\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4, 3^7, 2\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^3, 3, 2^6\})$	349504
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^3, 3^4, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^5, 3, 2^3\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^7, 3\})$	5592064
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4, 3^2, 2^6\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4, 3^5, 2^2\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4^3, 3^2, 2^3\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4^5, 3^2\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4, 2^7\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4, 3^3, 2^3\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4^3, 2^4\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4^3, 3^3\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4^5, 2\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^{14}, 4, 3, 2^4\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^{14}, 4, 3^4\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^{14}, 4^3, 3, 2\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^{15}, 4, 3^2, 2\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^{16}, 4, 2^2\})$	1398096
12	$\mathcal{O}(0; \{12^4, 3, 2^{27}\})$	80

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 3^4, 2^{23}\})$	688
12	$\mathcal{O}(0; \{12^4, 3^7, 2^{19}\})$	5456
12	$\mathcal{O}(0; \{12^4, 3^{10}, 2^{15}\})$	43696
12	$\mathcal{O}(0; \{12^4, 3^{13}, 2^{11}\})$	349520
12	$\mathcal{O}(0; \{12^4, 3^{16}, 2^7\})$	2796208
12	$\mathcal{O}(0; \{12^4, 3^{19}, 2^3\})$	22369616
12	$\mathcal{O}(0; \{12^4, 4^2, 3, 2^{24}\})$	320
12	$\mathcal{O}(0; \{12^4, 4^2, 3^4, 2^{20}\})$	2752
12	$\mathcal{O}(0; \{12^4, 4^2, 3^7, 2^{16}\})$	21824
12	$\mathcal{O}(0; \{12^4, 4^2, 3^{10}, 2^{12}\})$	174784
12	$\mathcal{O}(0; \{12^4, 4^2, 3^{13}, 2^8\})$	1398080
12	$\mathcal{O}(0; \{12^4, 4^2, 3^{16}, 2^4\})$	11184832
12	$\mathcal{O}(0; \{12^4, 4^2, 3^{19}\})$	89478464
12	$\mathcal{O}(0; \{12^4, 4^4, 3, 2^{21}\})$	1280
12	$\mathcal{O}(0; \{12^4, 4^4, 3^4, 2^{17}\})$	11008
12	$\mathcal{O}(0; \{12^4, 4^4, 3^7, 2^{13}\})$	87296
12	$\mathcal{O}(0; \{12^4, 4^4, 3^{10}, 2^9\})$	699136
12	$\mathcal{O}(0; \{12^4, 4^4, 3^{13}, 2^5\})$	5592320
12	$\mathcal{O}(0; \{12^4, 4^4, 3^{16}, 2\})$	44739328
12	$\mathcal{O}(0; \{12^4, 4^6, 3, 2^{18}\})$	5120
12	$\mathcal{O}(0; \{12^4, 4^6, 3^4, 2^{14}\})$	44032
12	$\mathcal{O}(0; \{12^4, 4^6, 3^7, 2^{10}\})$	349184
12	$\mathcal{O}(0; \{12^4, 4^6, 3^{10}, 2^6\})$	2796544
12	$\mathcal{O}(0; \{12^4, 4^6, 3^{13}, 2^2\})$	22369280
12	$\mathcal{O}(0; \{12^4, 4^8, 3, 2^{15}\})$	20480
12	$\mathcal{O}(0; \{12^4, 4^8, 3^4, 2^{11}\})$	176128
12	$\mathcal{O}(0; \{12^4, 4^8, 3^7, 2^7\})$	1396736
12	$\mathcal{O}(0; \{12^4, 4^8, 3^{10}, 2^3\})$	11186176
12	$\mathcal{O}(0; \{12^4, 4^{10}, 3, 2^{12}\})$	81920
12	$\mathcal{O}(0; \{12^4, 4^{10}, 3^4, 2^8\})$	704512
12	$\mathcal{O}(0; \{12^4, 4^{10}, 3^7, 2^4\})$	5586944
12	$\mathcal{O}(0; \{12^4, 4^{10}, 3^{10}\})$	44744704
12	$\mathcal{O}(0; \{12^4, 4^{12}, 3, 2^9\})$	327680
12	$\mathcal{O}(0; \{12^4, 4^{12}, 3^4, 2^5\})$	2818048
12	$\mathcal{O}(0; \{12^4, 4^{12}, 3^7, 2\})$	22347776
12	$\mathcal{O}(0; \{12^4, 4^{14}, 3, 2^6\})$	1310720
12	$\mathcal{O}(0; \{12^4, 4^{14}, 3^4, 2^2\})$	11272192
12	$\mathcal{O}(0; \{12^4, 4^{16}, 3, 2^3\})$	5242880
12	$\mathcal{O}(0; \{12^4, 4^{18}, 3\})$	20971520
12	$\mathcal{O}(0; \{12^4, 6, 3^2, 2^{24}\})$	336
12	$\mathcal{O}(0; \{12^4, 6, 3^5, 2^{20}\})$	2736
12	$\mathcal{O}(0; \{12^4, 6, 3^8, 2^{16}\})$	21840
12	$\mathcal{O}(0; \{12^4, 6, 3^{11}, 2^{12}\})$	174768

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6, 3^{14}, 2^8\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6, 3^{17}, 2^4\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6, 3^{20}\})$	89478480
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^2, 2^{21}\})$	1344
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^5, 2^{17}\})$	10944
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^8, 2^{13}\})$	87360
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^{11}, 2^9\})$	699072
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^{14}, 2^5\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^{17}, 2\})$	44739264
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^2, 2^{18}\})$	5376
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^5, 2^{14}\})$	43776
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^8, 2^{10}\})$	349440
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^{11}, 2^6\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^{14}, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^2, 2^{15}\})$	21504
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^5, 2^{11}\})$	175104
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^8, 2^7\})$	1397760
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^{11}, 2^3\})$	11185152
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3^2, 2^{12}\})$	86016
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3^5, 2^8\})$	700416
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3^8, 2^4\})$	5591040
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3^{11}\})$	44740608
12	$\mathcal{O}(0; \{12^4, 6, 4^{10}, 3^2, 2^9\})$	344064
12	$\mathcal{O}(0; \{12^4, 6, 4^{10}, 3^5, 2^5\})$	2801664
12	$\mathcal{O}(0; \{12^4, 6, 4^{10}, 3^8, 2\})$	22364160
12	$\mathcal{O}(0; \{12^4, 6, 4^{12}, 3^2, 2^6\})$	1376256
12	$\mathcal{O}(0; \{12^4, 6, 4^{12}, 3^5, 2^2\})$	11206656
12	$\mathcal{O}(0; \{12^4, 6, 4^{14}, 3^2, 2^3\})$	5505024
12	$\mathcal{O}(0; \{12^4, 6, 4^{16}, 3^2\})$	22020096
12	$\mathcal{O}(0; \{12^4, 6^2, 2^{25}\})$	176
12	$\mathcal{O}(0; \{12^4, 6^2, 3^3, 2^{21}\})$	1360
12	$\mathcal{O}(0; \{12^4, 6^2, 3^6, 2^{17}\})$	10928
12	$\mathcal{O}(0; \{12^4, 6^2, 3^9, 2^{13}\})$	87376
12	$\mathcal{O}(0; \{12^4, 6^2, 3^{12}, 2^9\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^2, 3^{15}, 2^5\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^2, 3^{18}, 2\})$	44739248
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 2^{22}\})$	704
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^3, 2^{18}\})$	5440
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^6, 2^{14}\})$	43712
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^9, 2^{10}\})$	349504
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^{12}, 2^6\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^{15}, 2^2\})$	22369600
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 2^{19}\})$	2816

Continued on next page

Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^3, 2^{15}\})$	21760
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^6, 2^{11}\})$	174848
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^9, 2^7\})$	1398016
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^{12}, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 2^{16}\})$	11264
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^3, 2^{12}\})$	87040
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^6, 2^8\})$	699392
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^9, 2^4\})$	5592064
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^{12}\})$	44739584
12	$\mathcal{O}(0; \{12^4, 6^2, 4^8, 2^{13}\})$	45056
12	$\mathcal{O}(0; \{12^4, 6^2, 4^8, 3^3, 2^9\})$	348160
12	$\mathcal{O}(0; \{12^4, 6^2, 4^8, 3^6, 2^5\})$	2797568
12	$\mathcal{O}(0; \{12^4, 6^2, 4^8, 3^9, 2\})$	22368256
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{10}, 2^{10}\})$	180224
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{10}, 3^3, 2^6\})$	1392640
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{10}, 3^6, 2^2\})$	11190272
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{12}, 2^7\})$	720896
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{12}, 3^3, 2^3\})$	5570560
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{14}, 2^4\})$	2883584
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{14}, 3^3\})$	22282240
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{16}, 2\})$	11534336
12	$\mathcal{O}(0; \{12^4, 6^3, 3, 2^{22}\})$	688
12	$\mathcal{O}(0; \{12^4, 6^3, 3^4, 2^{18}\})$	5456
12	$\mathcal{O}(0; \{12^4, 6^3, 3^7, 2^{14}\})$	43696
12	$\mathcal{O}(0; \{12^4, 6^3, 3^{10}, 2^{10}\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^3, 3^{13}, 2^6\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^3, 3^{16}, 2^2\})$	22369616
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3, 2^{19}\})$	2752
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^4, 2^{15}\})$	21824
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^7, 2^{11}\})$	174784
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^{10}, 2^7\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^{13}, 2^3\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3, 2^{16}\})$	11008
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^4, 2^{12}\})$	87296
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^7, 2^8\})$	699136
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^{10}, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^{13}\})$	44739328
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 3, 2^{13}\})$	44032
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 3^4, 2^9\})$	349184
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 3^7, 2^5\})$	2796544
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 3^{10}, 2\})$	22369280
12	$\mathcal{O}(0; \{12^4, 6^3, 4^8, 3, 2^{10}\})$	176128
12	$\mathcal{O}(0; \{12^4, 6^3, 4^8, 3^4, 2^6\})$	1396736

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^3, 4^8, 3^7, 2^2\})$	11186176
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{10}, 3, 2^7\})$	704512
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{10}, 3^4, 2^3\})$	5586944
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{12}, 3, 2^4\})$	2818048
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{12}, 3^4\})$	22347776
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{14}, 3, 2\})$	11272192
12	$\mathcal{O}(0; \{12^4, 6^4, 3^2, 2^{19}\})$	2736
12	$\mathcal{O}(0; \{12^4, 6^4, 3^5, 2^{15}\})$	21840
12	$\mathcal{O}(0; \{12^4, 6^4, 3^8, 2^{11}\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^4, 3^{11}, 2^7\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^4, 3^{14}, 2^3\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^2, 2^{16}\})$	10944
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^5, 2^{12}\})$	87360
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^8, 2^8\})$	699072
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^{11}, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^{14}\})$	44739264
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3^2, 2^{13}\})$	43776
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3^5, 2^9\})$	349440
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3^8, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3^{11}, 2\})$	22369536
12	$\mathcal{O}(0; \{12^4, 6^4, 4^6, 3^2, 2^{10}\})$	175104
12	$\mathcal{O}(0; \{12^4, 6^4, 4^6, 3^5, 2^6\})$	1397760
12	$\mathcal{O}(0; \{12^4, 6^4, 4^6, 3^8, 2^2\})$	11185152
12	$\mathcal{O}(0; \{12^4, 6^4, 4^8, 3^2, 2^7\})$	700416
12	$\mathcal{O}(0; \{12^4, 6^4, 4^8, 3^5, 2^3\})$	5591040
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{10}, 3^2, 2^4\})$	2801664
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{10}, 3^5\})$	22364160
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{12}, 3^2, 2\})$	11206656
12	$\mathcal{O}(0; \{12^4, 6^5, 2^{20}\})$	1360
12	$\mathcal{O}(0; \{12^4, 6^5, 3^3, 2^{16}\})$	10928
12	$\mathcal{O}(0; \{12^4, 6^5, 3^6, 2^{12}\})$	87376
12	$\mathcal{O}(0; \{12^4, 6^5, 3^9, 2^8\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^5, 3^{12}, 2^4\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^5, 3^{15}\})$	44739248
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 2^{17}\})$	5440
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^3, 2^{13}\})$	43712
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^6, 2^9\})$	349504
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^9, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^{12}, 2\})$	22369600
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 2^{14}\})$	21760
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 3^3, 2^{10}\})$	174848
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 3^6, 2^6\})$	1398016
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 3^9, 2^2\})$	11184896

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^5, 4^6, 2^{11}\})$	87040
12	$\mathcal{O}(0; \{12^4, 6^5, 4^6, 3^3, 2^7\})$	699392
12	$\mathcal{O}(0; \{12^4, 6^5, 4^6, 3^6, 2^3\})$	5592064
12	$\mathcal{O}(0; \{12^4, 6^5, 4^8, 2^8\})$	348160
12	$\mathcal{O}(0; \{12^4, 6^5, 4^8, 3^3, 2^4\})$	2797568
12	$\mathcal{O}(0; \{12^4, 6^5, 4^8, 3^6\})$	22368256
12	$\mathcal{O}(0; \{12^4, 6^5, 4^{10}, 2^5\})$	1392640
12	$\mathcal{O}(0; \{12^4, 6^5, 4^{10}, 3^3, 2\})$	11190272
12	$\mathcal{O}(0; \{12^4, 6^5, 4^{12}, 2^2\})$	5570560
12	$\mathcal{O}(0; \{12^4, 6^6, 3, 2^{17}\})$	5456
12	$\mathcal{O}(0; \{12^4, 6^6, 3^4, 2^{13}\})$	43696
12	$\mathcal{O}(0; \{12^4, 6^6, 3^7, 2^9\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^6, 3^{10}, 2^5\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^6, 3^{13}, 2\})$	22369616
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3, 2^{14}\})$	21824
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3^4, 2^{10}\})$	174784
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3^7, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3^{10}, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^6, 4^4, 3, 2^{11}\})$	87296
12	$\mathcal{O}(0; \{12^4, 6^6, 4^4, 3^4, 2^7\})$	699136
12	$\mathcal{O}(0; \{12^4, 6^6, 4^4, 3^7, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^6, 4^6, 3, 2^8\})$	349184
12	$\mathcal{O}(0; \{12^4, 6^6, 4^6, 3^4, 2^4\})$	2796544
12	$\mathcal{O}(0; \{12^4, 6^6, 4^6, 3^7\})$	22369280
12	$\mathcal{O}(0; \{12^4, 6^6, 4^8, 3, 2^5\})$	1396736
12	$\mathcal{O}(0; \{12^4, 6^6, 4^8, 3^4, 2\})$	11186176
12	$\mathcal{O}(0; \{12^4, 6^6, 4^{10}, 3, 2^2\})$	5586944
12	$\mathcal{O}(0; \{12^4, 6^7, 3^2, 2^{14}\})$	21840
12	$\mathcal{O}(0; \{12^4, 6^7, 3^5, 2^{10}\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^7, 3^8, 2^6\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^7, 3^{11}, 2^2\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 3^2, 2^{11}\})$	87360
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 3^5, 2^7\})$	699072
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 3^8, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^7, 4^4, 3^2, 2^8\})$	349440
12	$\mathcal{O}(0; \{12^4, 6^7, 4^4, 3^5, 2^4\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6^7, 4^4, 3^8\})$	22369536
12	$\mathcal{O}(0; \{12^4, 6^7, 4^6, 3^2, 2^5\})$	1397760
12	$\mathcal{O}(0; \{12^4, 6^7, 4^6, 3^5, 2\})$	11185152
12	$\mathcal{O}(0; \{12^4, 6^7, 4^8, 3^2, 2^2\})$	5591040
12	$\mathcal{O}(0; \{12^4, 6^8, 2^{15}\})$	10928
12	$\mathcal{O}(0; \{12^4, 6^8, 3^3, 2^{11}\})$	87376
12	$\mathcal{O}(0; \{12^4, 6^8, 3^6, 2^7\})$	699056

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^8, 3^9, 2^3\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^8, 4^2, 2^{12}\})$	43712
12	$\mathcal{O}(0; \{12^4, 6^8, 4^2, 3^3, 2^8\})$	349504
12	$\mathcal{O}(0; \{12^4, 6^8, 4^2, 3^6, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^8, 4^2, 3^9\})$	22369600
12	$\mathcal{O}(0; \{12^4, 6^8, 4^4, 2^9\})$	174848
12	$\mathcal{O}(0; \{12^4, 6^8, 4^4, 3^3, 2^5\})$	1398016
12	$\mathcal{O}(0; \{12^4, 6^8, 4^4, 3^6, 2\})$	11184896
12	$\mathcal{O}(0; \{12^4, 6^8, 4^6, 2^6\})$	699392
12	$\mathcal{O}(0; \{12^4, 6^8, 4^6, 3^3, 2^2\})$	5592064
12	$\mathcal{O}(0; \{12^4, 6^8, 4^8, 2^3\})$	2797568
12	$\mathcal{O}(0; \{12^4, 6^8, 4^{10}\})$	11190272
12	$\mathcal{O}(0; \{12^4, 6^9, 3, 2^{12}\})$	43696
12	$\mathcal{O}(0; \{12^4, 6^9, 3^4, 2^8\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^9, 3^7, 2^4\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^9, 3^{10}\})$	22369616
12	$\mathcal{O}(0; \{12^4, 6^9, 4^2, 3, 2^9\})$	174784
12	$\mathcal{O}(0; \{12^4, 6^9, 4^2, 3^4, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^9, 4^2, 3^7, 2\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^9, 4^4, 3, 2^6\})$	699136
12	$\mathcal{O}(0; \{12^4, 6^9, 4^4, 3^4, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^9, 4^6, 3, 2^3\})$	2796544
12	$\mathcal{O}(0; \{12^4, 6^9, 4^8, 3\})$	11186176
12	$\mathcal{O}(0; \{12^4, 6^{10}, 3^2, 2^9\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^{10}, 3^5, 2^5\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^{10}, 3^8, 2\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^2, 3^2, 2^6\})$	699072
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^2, 3^5, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^4, 3^2, 2^3\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^6, 3^2\})$	11185152
12	$\mathcal{O}(0; \{12^4, 6^{11}, 2^{10}\})$	87376
12	$\mathcal{O}(0; \{12^4, 6^{11}, 3^3, 2^6\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^{11}, 3^6, 2^2\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^2, 2^7\})$	349504
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^2, 3^3, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^4, 2^4\})$	1398016
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^4, 3^3\})$	11184896
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^6, 2\})$	5592064
12	$\mathcal{O}(0; \{12^4, 6^{12}, 3, 2^7\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^{12}, 3^4, 2^3\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^{12}, 4^2, 3, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^{12}, 4^2, 3^4\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^{12}, 4^4, 3, 2\})$	5592320

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^{13}, 3^2, 2^4\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^{13}, 3^5\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^{13}, 4^2, 3^2, 2\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^{14}, 2^5\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^{14}, 3^3, 2\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^{14}, 4^2, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^{15}, 3, 2^2\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^{17}\})$	5592400
12	$\mathcal{O}(0; \{12^5, 4, 2^{25}\})$	320
12	$\mathcal{O}(0; \{12^5, 4, 3^3, 2^{21}\})$	2752
12	$\mathcal{O}(0; \{12^5, 4, 3^6, 2^{17}\})$	21824
12	$\mathcal{O}(0; \{12^5, 4, 3^9, 2^{13}\})$	174784
12	$\mathcal{O}(0; \{12^5, 4, 3^{12}, 2^9\})$	1398080
12	$\mathcal{O}(0; \{12^5, 4, 3^{15}, 2^5\})$	11184832
12	$\mathcal{O}(0; \{12^5, 4, 3^{18}, 2\})$	89478464
12	$\mathcal{O}(0; \{12^5, 4^3, 2^{22}\})$	1280
12	$\mathcal{O}(0; \{12^5, 4^3, 3^3, 2^{18}\})$	11008
12	$\mathcal{O}(0; \{12^5, 4^3, 3^6, 2^{14}\})$	87296
12	$\mathcal{O}(0; \{12^5, 4^3, 3^9, 2^{10}\})$	699136
12	$\mathcal{O}(0; \{12^5, 4^3, 3^{12}, 2^6\})$	5592320
12	$\mathcal{O}(0; \{12^5, 4^3, 3^{15}, 2^2\})$	44739328
12	$\mathcal{O}(0; \{12^5, 4^5, 2^{19}\})$	5120
12	$\mathcal{O}(0; \{12^5, 4^5, 3^3, 2^{15}\})$	44032
12	$\mathcal{O}(0; \{12^5, 4^5, 3^6, 2^{11}\})$	349184
12	$\mathcal{O}(0; \{12^5, 4^5, 3^9, 2^7\})$	2796544
12	$\mathcal{O}(0; \{12^5, 4^5, 3^{12}, 2^3\})$	22369280
12	$\mathcal{O}(0; \{12^5, 4^7, 2^{16}\})$	20480
12	$\mathcal{O}(0; \{12^5, 4^7, 3^3, 2^{12}\})$	176128
12	$\mathcal{O}(0; \{12^5, 4^7, 3^6, 2^8\})$	1396736
12	$\mathcal{O}(0; \{12^5, 4^7, 3^9, 2^4\})$	11186176
12	$\mathcal{O}(0; \{12^5, 4^7, 3^{12}\})$	89477120
12	$\mathcal{O}(0; \{12^5, 4^9, 2^{13}\})$	81920
12	$\mathcal{O}(0; \{12^5, 4^9, 3^3, 2^9\})$	704512
12	$\mathcal{O}(0; \{12^5, 4^9, 3^6, 2^5\})$	5586944
12	$\mathcal{O}(0; \{12^5, 4^9, 3^9, 2\})$	44744704
12	$\mathcal{O}(0; \{12^5, 4^{11}, 2^{10}\})$	327680
12	$\mathcal{O}(0; \{12^5, 4^{11}, 3^3, 2^6\})$	2818048
12	$\mathcal{O}(0; \{12^5, 4^{11}, 3^6, 2^2\})$	22347776
12	$\mathcal{O}(0; \{12^5, 4^{13}, 2^7\})$	1310720
12	$\mathcal{O}(0; \{12^5, 4^{13}, 3^3, 2^3\})$	11272192
12	$\mathcal{O}(0; \{12^5, 4^{15}, 2^4\})$	5242880
12	$\mathcal{O}(0; \{12^5, 4^{15}, 3^3\})$	45088768
12	$\mathcal{O}(0; \{12^5, 4^{17}, 2\})$	20971520

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6, 4, 3, 2^{22}\})$	1344
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^4, 2^{18}\})$	10944
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^7, 2^{14}\})$	87360
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^{10}, 2^{10}\})$	699072
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^{13}, 2^6\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^{16}, 2^2\})$	44739264
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3, 2^{19}\})$	5376
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^4, 2^{15}\})$	43776
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^7, 2^{11}\})$	349440
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^{10}, 2^7\})$	2796288
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^{13}, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3, 2^{16}\})$	21504
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^4, 2^{12}\})$	175104
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^7, 2^8\})$	1397760
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^{10}, 2^4\})$	11185152
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^{13}\})$	89478144
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 3, 2^{13}\})$	86016
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 3^4, 2^9\})$	700416
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 3^7, 2^5\})$	5591040
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 3^{10}, 2\})$	44740608
12	$\mathcal{O}(0; \{12^5, 6, 4^9, 3, 2^{10}\})$	344064
12	$\mathcal{O}(0; \{12^5, 6, 4^9, 3^4, 2^6\})$	2801664
12	$\mathcal{O}(0; \{12^5, 6, 4^9, 3^7, 2^2\})$	22364160
12	$\mathcal{O}(0; \{12^5, 6, 4^{11}, 3, 2^7\})$	1376256
12	$\mathcal{O}(0; \{12^5, 6, 4^{11}, 3^4, 2^3\})$	11206656
12	$\mathcal{O}(0; \{12^5, 6, 4^{13}, 3, 2^4\})$	5505024
12	$\mathcal{O}(0; \{12^5, 6, 4^{13}, 3^4\})$	44826624
12	$\mathcal{O}(0; \{12^5, 6, 4^{15}, 3, 2\})$	22020096
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^2, 2^{19}\})$	5440
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^5, 2^{15}\})$	43712
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^8, 2^{11}\})$	349504
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^{11}, 2^7\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^{14}, 2^3\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^2, 2^{16}\})$	21760
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^5, 2^{12}\})$	174848
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^8, 2^8\})$	1398016
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^{11}, 2^4\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^{14}\})$	89478400
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3^2, 2^{13}\})$	87040
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3^5, 2^9\})$	699392
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3^8, 2^5\})$	5592064
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3^{11}, 2\})$	44739584
12	$\mathcal{O}(0; \{12^5, 6^2, 4^7, 3^2, 2^{10}\})$	348160

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6^2, 4^7, 3^5, 2^6\})$	2797568
12	$\mathcal{O}(0; \{12^5, 6^2, 4^7, 3^8, 2^2\})$	22368256
12	$\mathcal{O}(0; \{12^5, 6^2, 4^9, 3^2, 2^7\})$	1392640
12	$\mathcal{O}(0; \{12^5, 6^2, 4^9, 3^5, 2^3\})$	11190272
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{11}, 3^2, 2^4\})$	5570560
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{11}, 3^5\})$	44761088
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{13}, 3^2, 2\})$	22282240
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 2^{20}\})$	2752
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^3, 2^{16}\})$	21824
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^6, 2^{12}\})$	174784
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^9, 2^8\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^{12}, 2^4\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^{15}\})$	89478464
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 2^{17}\})$	11008
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^3, 2^{13}\})$	87296
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^6, 2^9\})$	699136
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^9, 2^5\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^{12}, 2\})$	44739328
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 2^{14}\})$	44032
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 3^3, 2^{10}\})$	349184
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 3^6, 2^6\})$	2796544
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 3^9, 2^2\})$	22369280
12	$\mathcal{O}(0; \{12^5, 6^3, 4^7, 2^{11}\})$	176128
12	$\mathcal{O}(0; \{12^5, 6^3, 4^7, 3^3, 2^7\})$	1396736
12	$\mathcal{O}(0; \{12^5, 6^3, 4^7, 3^6, 2^3\})$	11186176
12	$\mathcal{O}(0; \{12^5, 6^3, 4^9, 2^8\})$	704512
12	$\mathcal{O}(0; \{12^5, 6^3, 4^9, 3^3, 2^4\})$	5586944
12	$\mathcal{O}(0; \{12^5, 6^3, 4^9, 3^6\})$	44744704
12	$\mathcal{O}(0; \{12^5, 6^3, 4^{11}, 2^5\})$	2818048
12	$\mathcal{O}(0; \{12^5, 6^3, 4^{11}, 3^3, 2\})$	22347776
12	$\mathcal{O}(0; \{12^5, 6^3, 4^{13}, 2^2\})$	11272192
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3, 2^{17}\})$	10944
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^4, 2^{13}\})$	87360
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^7, 2^9\})$	699072
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^{10}, 2^5\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^{13}, 2\})$	44739264
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3, 2^{14}\})$	43776
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3^4, 2^{10}\})$	349440
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3^7, 2^6\})$	2796288
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3^{10}, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^5, 6^4, 4^5, 3, 2^{11}\})$	175104
12	$\mathcal{O}(0; \{12^5, 6^4, 4^5, 3^4, 2^7\})$	1397760
12	$\mathcal{O}(0; \{12^5, 6^4, 4^5, 3^7, 2^3\})$	11185152

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6^4, 4^7, 3, 2^8\})$	700416
12	$\mathcal{O}(0; \{12^5, 6^4, 4^7, 3^4, 2^4\})$	5591040
12	$\mathcal{O}(0; \{12^5, 6^4, 4^7, 3^7\})$	44740608
12	$\mathcal{O}(0; \{12^5, 6^4, 4^9, 3, 2^5\})$	2801664
12	$\mathcal{O}(0; \{12^5, 6^4, 4^9, 3^4, 2\})$	22364160
12	$\mathcal{O}(0; \{12^5, 6^4, 4^{11}, 3, 2^2\})$	11206656
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^2, 2^{14}\})$	43712
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^5, 2^{10}\})$	349504
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^8, 2^6\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^{11}, 2^2\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 3^2, 2^{11}\})$	174848
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 3^5, 2^7\})$	1398016
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 3^8, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^5, 4^5, 3^2, 2^8\})$	699392
12	$\mathcal{O}(0; \{12^5, 6^5, 4^5, 3^5, 2^4\})$	5592064
12	$\mathcal{O}(0; \{12^5, 6^5, 4^5, 3^8\})$	44739584
12	$\mathcal{O}(0; \{12^5, 6^5, 4^7, 3^2, 2^5\})$	2797568
12	$\mathcal{O}(0; \{12^5, 6^5, 4^7, 3^5, 2\})$	22368256
12	$\mathcal{O}(0; \{12^5, 6^5, 4^9, 3^2, 2^2\})$	11190272
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 2^{15}\})$	21824
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3^3, 2^{11}\})$	174784
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3^6, 2^7\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3^9, 2^3\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^6, 4^3, 2^{12}\})$	87296
12	$\mathcal{O}(0; \{12^5, 6^6, 4^3, 3^3, 2^8\})$	699136
12	$\mathcal{O}(0; \{12^5, 6^6, 4^3, 3^6, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^6, 4^3, 3^9\})$	44739328
12	$\mathcal{O}(0; \{12^5, 6^6, 4^5, 2^9\})$	349184
12	$\mathcal{O}(0; \{12^5, 6^6, 4^5, 3^3, 2^5\})$	2796544
12	$\mathcal{O}(0; \{12^5, 6^6, 4^5, 3^6, 2\})$	22369280
12	$\mathcal{O}(0; \{12^5, 6^6, 4^7, 2^6\})$	1396736
12	$\mathcal{O}(0; \{12^5, 6^6, 4^7, 3^3, 2^2\})$	11186176
12	$\mathcal{O}(0; \{12^5, 6^6, 4^9, 2^3\})$	5586944
12	$\mathcal{O}(0; \{12^5, 6^6, 4^{11}\})$	22347776
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 3, 2^{12}\})$	87360
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 3^4, 2^8\})$	699072
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 3^7, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 3^{10}\})$	44739264
12	$\mathcal{O}(0; \{12^5, 6^7, 4^3, 3, 2^9\})$	349440
12	$\mathcal{O}(0; \{12^5, 6^7, 4^3, 3^4, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12^5, 6^7, 4^3, 3^7, 2\})$	22369536
12	$\mathcal{O}(0; \{12^5, 6^7, 4^5, 3, 2^6\})$	1397760
12	$\mathcal{O}(0; \{12^5, 6^7, 4^5, 3^4, 2^2\})$	11185152

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6^7, 4^7, 3, 2^3\})$	5591040
12	$\mathcal{O}(0; \{12^5, 6^7, 4^9, 3\})$	22364160
12	$\mathcal{O}(0; \{12^5, 6^8, 4, 3^2, 2^9\})$	349504
12	$\mathcal{O}(0; \{12^5, 6^8, 4, 3^5, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^8, 4, 3^8, 2\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6^8, 4^3, 3^2, 2^6\})$	1398016
12	$\mathcal{O}(0; \{12^5, 6^8, 4^3, 3^5, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^8, 4^5, 3^2, 2^3\})$	5592064
12	$\mathcal{O}(0; \{12^5, 6^8, 4^7, 3^2\})$	22368256
12	$\mathcal{O}(0; \{12^5, 6^9, 4, 2^{10}\})$	174784
12	$\mathcal{O}(0; \{12^5, 6^9, 4, 3^3, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6^9, 4, 3^6, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^9, 4^3, 2^7\})$	699136
12	$\mathcal{O}(0; \{12^5, 6^9, 4^3, 3^3, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^9, 4^5, 2^4\})$	2796544
12	$\mathcal{O}(0; \{12^5, 6^9, 4^5, 3^3\})$	22369280
12	$\mathcal{O}(0; \{12^5, 6^9, 4^7, 2\})$	11186176
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4, 3, 2^7\})$	699072
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4, 3^4, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4^3, 3, 2^4\})$	2796288
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4^3, 3^4\})$	22369536
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4^5, 3, 2\})$	11185152
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4, 3^2, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4, 3^5\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4^3, 3^2, 2\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^{12}, 4, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6^{12}, 4, 3^3, 2\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^{12}, 4^3, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^{13}, 4, 3, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^{15}, 4\})$	11184832
12	$\mathcal{O}(0; \{12^6, 3^2, 2^{22}\})$	2752
12	$\mathcal{O}(0; \{12^6, 3^5, 2^{18}\})$	21824
12	$\mathcal{O}(0; \{12^6, 3^8, 2^{14}\})$	174784
12	$\mathcal{O}(0; \{12^6, 3^{11}, 2^{10}\})$	1398080
12	$\mathcal{O}(0; \{12^6, 3^{14}, 2^6\})$	11184832
12	$\mathcal{O}(0; \{12^6, 3^{17}, 2^2\})$	89478464
12	$\mathcal{O}(0; \{12^6, 4^2, 3^2, 2^{19}\})$	11008
12	$\mathcal{O}(0; \{12^6, 4^2, 3^5, 2^{15}\})$	87296
12	$\mathcal{O}(0; \{12^6, 4^2, 3^8, 2^{11}\})$	699136
12	$\mathcal{O}(0; \{12^6, 4^2, 3^{11}, 2^7\})$	5592320
12	$\mathcal{O}(0; \{12^6, 4^2, 3^{14}, 2^3\})$	44739328
12	$\mathcal{O}(0; \{12^6, 4^4, 3^2, 2^{16}\})$	44032
12	$\mathcal{O}(0; \{12^6, 4^4, 3^5, 2^{12}\})$	349184

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 4^4, 3^8, 2^8\})$	2796544
12	$\mathcal{O}(0; \{12^6, 4^4, 3^{11}, 2^4\})$	22369280
12	$\mathcal{O}(0; \{12^6, 4^4, 3^{14}\})$	178957312
12	$\mathcal{O}(0; \{12^6, 4^6, 3^2, 2^{13}\})$	176128
12	$\mathcal{O}(0; \{12^6, 4^6, 3^5, 2^9\})$	1396736
12	$\mathcal{O}(0; \{12^6, 4^6, 3^8, 2^5\})$	11186176
12	$\mathcal{O}(0; \{12^6, 4^6, 3^{11}, 2\})$	89477120
12	$\mathcal{O}(0; \{12^6, 4^8, 3^2, 2^{10}\})$	704512
12	$\mathcal{O}(0; \{12^6, 4^8, 3^5, 2^6\})$	5586944
12	$\mathcal{O}(0; \{12^6, 4^8, 3^8, 2^2\})$	44744704
12	$\mathcal{O}(0; \{12^6, 4^{10}, 3^2, 2^7\})$	2818048
12	$\mathcal{O}(0; \{12^6, 4^{10}, 3^5, 2^3\})$	22347776
12	$\mathcal{O}(0; \{12^6, 4^{12}, 3^2, 2^4\})$	11272192
12	$\mathcal{O}(0; \{12^6, 4^{12}, 3^5\})$	89391104
12	$\mathcal{O}(0; \{12^6, 4^{14}, 3^2, 2\})$	45088768
12	$\mathcal{O}(0; \{12^6, 6, 2^{23}\})$	1344
12	$\mathcal{O}(0; \{12^6, 6, 3^3, 2^{19}\})$	10944
12	$\mathcal{O}(0; \{12^6, 6, 3^6, 2^{15}\})$	87360
12	$\mathcal{O}(0; \{12^6, 6, 3^9, 2^{11}\})$	699072
12	$\mathcal{O}(0; \{12^6, 6, 3^{12}, 2^7\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6, 3^{15}, 2^3\})$	44739264
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 2^{20}\})$	5376
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^3, 2^{16}\})$	43776
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^6, 2^{12}\})$	349440
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^9, 2^8\})$	2796288
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^{12}, 2^4\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^{15}\})$	178957056
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 2^{17}\})$	21504
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^3, 2^{13}\})$	175104
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^6, 2^9\})$	1397760
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^9, 2^5\})$	11185152
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^{12}, 2\})$	89478144
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 2^{14}\})$	86016
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 3^3, 2^{10}\})$	700416
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 3^6, 2^6\})$	5591040
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 3^9, 2^2\})$	44740608
12	$\mathcal{O}(0; \{12^6, 6, 4^8, 2^{11}\})$	344064
12	$\mathcal{O}(0; \{12^6, 6, 4^8, 3^3, 2^7\})$	2801664
12	$\mathcal{O}(0; \{12^6, 6, 4^8, 3^6, 2^3\})$	22364160
12	$\mathcal{O}(0; \{12^6, 6, 4^{10}, 2^8\})$	1376256
12	$\mathcal{O}(0; \{12^6, 6, 4^{10}, 3^3, 2^4\})$	11206656
12	$\mathcal{O}(0; \{12^6, 6, 4^{10}, 3^6\})$	89456640
12	$\mathcal{O}(0; \{12^6, 6, 4^{12}, 2^5\})$	5505024

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6, 4^{12}, 3^3, 2\})$	44826624
12	$\mathcal{O}(0; \{12^6, 6, 4^{14}, 2^2\})$	22020096
12	$\mathcal{O}(0; \{12^6, 6^2, 3, 2^{20}\})$	5440
12	$\mathcal{O}(0; \{12^6, 6^2, 3^4, 2^{16}\})$	43712
12	$\mathcal{O}(0; \{12^6, 6^2, 3^7, 2^{12}\})$	349504
12	$\mathcal{O}(0; \{12^6, 6^2, 3^{10}, 2^8\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^2, 3^{13}, 2^4\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^2, 3^{16}\})$	178956992
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3, 2^{17}\})$	21760
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^4, 2^{13}\})$	174848
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^7, 2^9\})$	1398016
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^{10}, 2^5\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^{13}, 2\})$	89478400
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3, 2^{14}\})$	87040
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3^4, 2^{10}\})$	699392
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3^7, 2^6\})$	5592064
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3^{10}, 2^2\})$	44739584
12	$\mathcal{O}(0; \{12^6, 6^2, 4^6, 3, 2^{11}\})$	348160
12	$\mathcal{O}(0; \{12^6, 6^2, 4^6, 3^4, 2^7\})$	2797568
12	$\mathcal{O}(0; \{12^6, 6^2, 4^6, 3^7, 2^3\})$	22368256
12	$\mathcal{O}(0; \{12^6, 6^2, 4^8, 3, 2^8\})$	1392640
12	$\mathcal{O}(0; \{12^6, 6^2, 4^8, 3^4, 2^4\})$	11190272
12	$\mathcal{O}(0; \{12^6, 6^2, 4^8, 3^7\})$	89473024
12	$\mathcal{O}(0; \{12^6, 6^2, 4^{10}, 3, 2^5\})$	5570560
12	$\mathcal{O}(0; \{12^6, 6^2, 4^{10}, 3^4, 2\})$	44761088
12	$\mathcal{O}(0; \{12^6, 6^2, 4^{12}, 3, 2^2\})$	22282240
12	$\mathcal{O}(0; \{12^6, 6^3, 3^2, 2^{17}\})$	21824
12	$\mathcal{O}(0; \{12^6, 6^3, 3^5, 2^{13}\})$	174784
12	$\mathcal{O}(0; \{12^6, 6^3, 3^8, 2^9\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6^3, 3^{11}, 2^5\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^3, 3^{14}, 2\})$	89478464
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^2, 2^{14}\})$	87296
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^5, 2^{10}\})$	699136
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^8, 2^6\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^{11}, 2^2\})$	44739328
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 3^2, 2^{11}\})$	349184
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 3^5, 2^7\})$	2796544
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 3^8, 2^3\})$	22369280
12	$\mathcal{O}(0; \{12^6, 6^3, 4^6, 3^2, 2^8\})$	1396736
12	$\mathcal{O}(0; \{12^6, 6^3, 4^6, 3^5, 2^4\})$	11186176
12	$\mathcal{O}(0; \{12^6, 6^3, 4^6, 3^8\})$	89477120
12	$\mathcal{O}(0; \{12^6, 6^3, 4^8, 3^2, 2^5\})$	5586944
12	$\mathcal{O}(0; \{12^6, 6^3, 4^8, 3^5, 2\})$	44744704

Continued on next page

Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6^3, 4^{10}, 3^2, 2^2\})$	22347776
12	$\mathcal{O}(0; \{12^6, 6^4, 2^{18}\})$	10944
12	$\mathcal{O}(0; \{12^6, 6^4, 3^3, 2^{14}\})$	87360
12	$\mathcal{O}(0; \{12^6, 6^4, 3^6, 2^{10}\})$	699072
12	$\mathcal{O}(0; \{12^6, 6^4, 3^9, 2^6\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^4, 3^{12}, 2^2\})$	44739264
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 2^{15}\})$	43776
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3^3, 2^{11}\})$	349440
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3^6, 2^7\})$	2796288
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3^9, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^4, 4^4, 2^{12}\})$	175104
12	$\mathcal{O}(0; \{12^6, 6^4, 4^4, 3^3, 2^8\})$	1397760
12	$\mathcal{O}(0; \{12^6, 6^4, 4^4, 3^6, 2^4\})$	11185152
12	$\mathcal{O}(0; \{12^6, 6^4, 4^4, 3^9\})$	89478144
12	$\mathcal{O}(0; \{12^6, 6^4, 4^6, 2^9\})$	700416
12	$\mathcal{O}(0; \{12^6, 6^4, 4^6, 3^3, 2^5\})$	5591040
12	$\mathcal{O}(0; \{12^6, 6^4, 4^6, 3^6, 2\})$	44740608
12	$\mathcal{O}(0; \{12^6, 6^4, 4^8, 2^6\})$	2801664
12	$\mathcal{O}(0; \{12^6, 6^4, 4^8, 3^3, 2^2\})$	22364160
12	$\mathcal{O}(0; \{12^6, 6^4, 4^{10}, 2^3\})$	11206656
12	$\mathcal{O}(0; \{12^6, 6^4, 4^{12}\})$	44826624
12	$\mathcal{O}(0; \{12^6, 6^5, 3, 2^{15}\})$	43712
12	$\mathcal{O}(0; \{12^6, 6^5, 3^4, 2^{11}\})$	349504
12	$\mathcal{O}(0; \{12^6, 6^5, 3^7, 2^7\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^5, 3^{10}, 2^3\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 3, 2^{12}\})$	174848
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 3^4, 2^8\})$	1398016
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 3^7, 2^4\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 3^{10}\})$	89478400
12	$\mathcal{O}(0; \{12^6, 6^5, 4^4, 3, 2^9\})$	699392
12	$\mathcal{O}(0; \{12^6, 6^5, 4^4, 3^4, 2^5\})$	5592064
12	$\mathcal{O}(0; \{12^6, 6^5, 4^4, 3^7, 2\})$	44739584
12	$\mathcal{O}(0; \{12^6, 6^5, 4^6, 3, 2^6\})$	2797568
12	$\mathcal{O}(0; \{12^6, 6^5, 4^6, 3^4, 2^2\})$	22368256
12	$\mathcal{O}(0; \{12^6, 6^5, 4^8, 3, 2^3\})$	11190272
12	$\mathcal{O}(0; \{12^6, 6^5, 4^{10}, 3\})$	44761088
12	$\mathcal{O}(0; \{12^6, 6^6, 3^2, 2^{12}\})$	174784
12	$\mathcal{O}(0; \{12^6, 6^6, 3^5, 2^8\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6^6, 3^8, 2^4\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^6, 3^{11}\})$	89478464
12	$\mathcal{O}(0; \{12^6, 6^6, 4^2, 3^2, 2^9\})$	699136
12	$\mathcal{O}(0; \{12^6, 6^6, 4^2, 3^5, 2^5\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6^6, 4^2, 3^8, 2\})$	44739328

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6^6, 4^4, 3^2, 2^6\})$	2796544
12	$\mathcal{O}(0; \{12^6, 6^6, 4^4, 3^5, 2^2\})$	22369280
12	$\mathcal{O}(0; \{12^6, 6^6, 4^6, 3^2, 2^3\})$	11186176
12	$\mathcal{O}(0; \{12^6, 6^6, 4^8, 3^2\})$	44744704
12	$\mathcal{O}(0; \{12^6, 6^7, 2^{13}\})$	87360
12	$\mathcal{O}(0; \{12^6, 6^7, 3^3, 2^9\})$	699072
12	$\mathcal{O}(0; \{12^6, 6^7, 3^6, 2^5\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^7, 3^9, 2\})$	44739264
12	$\mathcal{O}(0; \{12^6, 6^7, 4^2, 2^{10}\})$	349440
12	$\mathcal{O}(0; \{12^6, 6^7, 4^2, 3^3, 2^6\})$	2796288
12	$\mathcal{O}(0; \{12^6, 6^7, 4^2, 3^6, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^7, 4^4, 2^7\})$	1397760
12	$\mathcal{O}(0; \{12^6, 6^7, 4^4, 3^3, 2^3\})$	11185152
12	$\mathcal{O}(0; \{12^6, 6^7, 4^6, 2^4\})$	5591040
12	$\mathcal{O}(0; \{12^6, 6^7, 4^6, 3^3\})$	44740608
12	$\mathcal{O}(0; \{12^6, 6^7, 4^8, 2\})$	22364160
12	$\mathcal{O}(0; \{12^6, 6^8, 3, 2^{10}\})$	349504
12	$\mathcal{O}(0; \{12^6, 6^8, 3^4, 2^6\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^8, 3^7, 2^2\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^8, 4^2, 3, 2^7\})$	1398016
12	$\mathcal{O}(0; \{12^6, 6^8, 4^2, 3^4, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^8, 4^4, 3, 2^4\})$	5592064
12	$\mathcal{O}(0; \{12^6, 6^8, 4^4, 3^4\})$	44739584
12	$\mathcal{O}(0; \{12^6, 6^8, 4^6, 3, 2\})$	22368256
12	$\mathcal{O}(0; \{12^6, 6^9, 3^2, 2^7\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6^9, 3^5, 2^3\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^9, 4^2, 3^2, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6^9, 4^2, 3^5\})$	44739328
12	$\mathcal{O}(0; \{12^6, 6^9, 4^4, 3^2, 2\})$	22369280
12	$\mathcal{O}(0; \{12^6, 6^{10}, 2^8\})$	699072
12	$\mathcal{O}(0; \{12^6, 6^{10}, 3^3, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^{10}, 3^6\})$	44739264
12	$\mathcal{O}(0; \{12^6, 6^{10}, 4^2, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12^6, 6^{10}, 4^2, 3^3, 2\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^{10}, 4^4, 2^2\})$	11185152
12	$\mathcal{O}(0; \{12^6, 6^{11}, 3, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^{11}, 3^4, 2\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^{11}, 4^2, 3, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^{12}, 3^2, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^{13}, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^{13}, 4^2\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^{14}, 3\})$	22369600
12	$\mathcal{O}(0; \{12^7, 4, 3, 2^{20}\})$	11008

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^7, 4, 3^4, 2^{16}\})$	87296
12	$\mathcal{O}(0; \{12^7, 4, 3^7, 2^{12}\})$	699136
12	$\mathcal{O}(0; \{12^7, 4, 3^{10}, 2^8\})$	5592320
12	$\mathcal{O}(0; \{12^7, 4, 3^{13}, 2^4\})$	44739328
12	$\mathcal{O}(0; \{12^7, 4, 3^{16}\})$	357913856
12	$\mathcal{O}(0; \{12^7, 4^3, 3, 2^{17}\})$	44032
12	$\mathcal{O}(0; \{12^7, 4^3, 3^4, 2^{13}\})$	349184
12	$\mathcal{O}(0; \{12^7, 4^3, 3^7, 2^9\})$	2796544
12	$\mathcal{O}(0; \{12^7, 4^3, 3^{10}, 2^5\})$	22369280
12	$\mathcal{O}(0; \{12^7, 4^3, 3^{13}, 2\})$	178957312
12	$\mathcal{O}(0; \{12^7, 4^5, 3, 2^{14}\})$	176128
12	$\mathcal{O}(0; \{12^7, 4^5, 3^4, 2^{10}\})$	1396736
12	$\mathcal{O}(0; \{12^7, 4^5, 3^7, 2^6\})$	11186176
12	$\mathcal{O}(0; \{12^7, 4^5, 3^{10}, 2^2\})$	89477120
12	$\mathcal{O}(0; \{12^7, 4^7, 3, 2^{11}\})$	704512
12	$\mathcal{O}(0; \{12^7, 4^7, 3^4, 2^7\})$	5586944
12	$\mathcal{O}(0; \{12^7, 4^7, 3^7, 2^3\})$	44744704
12	$\mathcal{O}(0; \{12^7, 4^9, 3, 2^8\})$	2818048
12	$\mathcal{O}(0; \{12^7, 4^9, 3^4, 2^4\})$	22347776
12	$\mathcal{O}(0; \{12^7, 4^9, 3^7\})$	178978816
12	$\mathcal{O}(0; \{12^7, 4^{11}, 3, 2^5\})$	11272192
12	$\mathcal{O}(0; \{12^7, 4^{11}, 3^4, 2\})$	89391104
12	$\mathcal{O}(0; \{12^7, 4^{13}, 3, 2^2\})$	45088768
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^2, 2^{17}\})$	43776
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^5, 2^{13}\})$	349440
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^8, 2^9\})$	2796288
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^{11}, 2^5\})$	22369536
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^{14}, 2\})$	178957056
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^2, 2^{14}\})$	175104
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^5, 2^{10}\})$	1397760
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^8, 2^6\})$	11185152
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^{11}, 2^2\})$	89478144
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 3^2, 2^{11}\})$	700416
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 3^5, 2^7\})$	5591040
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 3^8, 2^3\})$	44740608
12	$\mathcal{O}(0; \{12^7, 6, 4^7, 3^2, 2^8\})$	2801664
12	$\mathcal{O}(0; \{12^7, 6, 4^7, 3^5, 2^4\})$	22364160
12	$\mathcal{O}(0; \{12^7, 6, 4^7, 3^8\})$	178962432
12	$\mathcal{O}(0; \{12^7, 6, 4^9, 3^2, 2^5\})$	11206656
12	$\mathcal{O}(0; \{12^7, 6, 4^9, 3^5, 2\})$	89456640
12	$\mathcal{O}(0; \{12^7, 6, 4^{11}, 3^2, 2^2\})$	44826624
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 2^{18}\})$	21760
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^3, 2^{14}\})$	174848

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^6, 2^{10}\})$	1398016
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^9, 2^6\})$	11184896
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^{12}, 2^2\})$	89478400
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 2^{15}\})$	87040
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3^3, 2^{11}\})$	699392
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3^6, 2^7\})$	5592064
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3^9, 2^3\})$	44739584
12	$\mathcal{O}(0; \{12^7, 6^2, 4^5, 2^{12}\})$	348160
12	$\mathcal{O}(0; \{12^7, 6^2, 4^5, 3^3, 2^8\})$	2797568
12	$\mathcal{O}(0; \{12^7, 6^2, 4^5, 3^6, 2^4\})$	22368256
12	$\mathcal{O}(0; \{12^7, 6^2, 4^5, 3^9\})$	178958336
12	$\mathcal{O}(0; \{12^7, 6^2, 4^7, 2^9\})$	1392640
12	$\mathcal{O}(0; \{12^7, 6^2, 4^7, 3^3, 2^5\})$	11190272
12	$\mathcal{O}(0; \{12^7, 6^2, 4^7, 3^6, 2\})$	89473024
12	$\mathcal{O}(0; \{12^7, 6^2, 4^9, 2^6\})$	5570560
12	$\mathcal{O}(0; \{12^7, 6^2, 4^9, 3^3, 2^2\})$	44761088
12	$\mathcal{O}(0; \{12^7, 6^2, 4^{11}, 2^3\})$	22282240
12	$\mathcal{O}(0; \{12^7, 6^2, 4^{13}\})$	89128960
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3, 2^{15}\})$	87296
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^4, 2^{11}\})$	699136
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^7, 2^7\})$	5592320
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^{10}, 2^3\})$	44739328
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 3, 2^{12}\})$	349184
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 3^4, 2^8\})$	2796544
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 3^7, 2^4\})$	22369280
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 3^{10}\})$	178957312
12	$\mathcal{O}(0; \{12^7, 6^3, 4^5, 3, 2^9\})$	1396736
12	$\mathcal{O}(0; \{12^7, 6^3, 4^5, 3^4, 2^5\})$	11186176
12	$\mathcal{O}(0; \{12^7, 6^3, 4^5, 3^7, 2\})$	89477120
12	$\mathcal{O}(0; \{12^7, 6^3, 4^7, 3, 2^6\})$	5586944
12	$\mathcal{O}(0; \{12^7, 6^3, 4^7, 3^4, 2^2\})$	44744704
12	$\mathcal{O}(0; \{12^7, 6^3, 4^9, 3, 2^3\})$	22347776
12	$\mathcal{O}(0; \{12^7, 6^3, 4^{11}, 3\})$	89391104
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3^2, 2^{12}\})$	349440
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3^5, 2^8\})$	2796288
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3^8, 2^4\})$	22369536
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3^{11}\})$	178957056
12	$\mathcal{O}(0; \{12^7, 6^4, 4^3, 3^2, 2^9\})$	1397760
12	$\mathcal{O}(0; \{12^7, 6^4, 4^3, 3^5, 2^5\})$	11185152
12	$\mathcal{O}(0; \{12^7, 6^4, 4^3, 3^8, 2\})$	89478144
12	$\mathcal{O}(0; \{12^7, 6^4, 4^5, 3^2, 2^6\})$	5591040
12	$\mathcal{O}(0; \{12^7, 6^4, 4^5, 3^5, 2^2\})$	44740608
12	$\mathcal{O}(0; \{12^7, 6^4, 4^7, 3^2, 2^3\})$	22364160

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^7, 6^4, 4^9, 3^2\})$	89456640
12	$\mathcal{O}(0; \{12^7, 6^5, 4, 2^{13}\})$	174848
12	$\mathcal{O}(0; \{12^7, 6^5, 4, 3^3, 2^9\})$	1398016
12	$\mathcal{O}(0; \{12^7, 6^5, 4, 3^6, 2^5\})$	11184896
12	$\mathcal{O}(0; \{12^7, 6^5, 4, 3^9, 2\})$	89478400
12	$\mathcal{O}(0; \{12^7, 6^5, 4^3, 2^{10}\})$	699392
12	$\mathcal{O}(0; \{12^7, 6^5, 4^3, 3^3, 2^6\})$	5592064
12	$\mathcal{O}(0; \{12^7, 6^5, 4^3, 3^6, 2^2\})$	44739584
12	$\mathcal{O}(0; \{12^7, 6^5, 4^5, 2^7\})$	2797568
12	$\mathcal{O}(0; \{12^7, 6^5, 4^5, 3^3, 2^3\})$	22368256
12	$\mathcal{O}(0; \{12^7, 6^5, 4^7, 2^4\})$	11190272
12	$\mathcal{O}(0; \{12^7, 6^5, 4^7, 3^3\})$	89473024
12	$\mathcal{O}(0; \{12^7, 6^5, 4^9, 2\})$	44761088
12	$\mathcal{O}(0; \{12^7, 6^6, 4, 3, 2^{10}\})$	699136
12	$\mathcal{O}(0; \{12^7, 6^6, 4, 3^4, 2^6\})$	5592320
12	$\mathcal{O}(0; \{12^7, 6^6, 4, 3^7, 2^2\})$	44739328
12	$\mathcal{O}(0; \{12^7, 6^6, 4^3, 3, 2^7\})$	2796544
12	$\mathcal{O}(0; \{12^7, 6^6, 4^3, 3^4, 2^3\})$	22369280
12	$\mathcal{O}(0; \{12^7, 6^6, 4^5, 3, 2^4\})$	11186176
12	$\mathcal{O}(0; \{12^7, 6^6, 4^5, 3^4\})$	89477120
12	$\mathcal{O}(0; \{12^7, 6^6, 4^7, 3, 2\})$	44744704
12	$\mathcal{O}(0; \{12^7, 6^7, 4, 3^2, 2^7\})$	2796288
12	$\mathcal{O}(0; \{12^7, 6^7, 4, 3^5, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^7, 6^7, 4^3, 3^2, 2^4\})$	11185152
12	$\mathcal{O}(0; \{12^7, 6^7, 4^3, 3^5\})$	89478144
12	$\mathcal{O}(0; \{12^7, 6^7, 4^5, 3^2, 2\})$	44740608
12	$\mathcal{O}(0; \{12^7, 6^8, 4, 2^8\})$	1398016
12	$\mathcal{O}(0; \{12^7, 6^8, 4, 3^3, 2^4\})$	11184896
12	$\mathcal{O}(0; \{12^7, 6^8, 4, 3^6\})$	89478400
12	$\mathcal{O}(0; \{12^7, 6^8, 4^3, 2^5\})$	5592064
12	$\mathcal{O}(0; \{12^7, 6^8, 4^3, 3^3, 2\})$	44739584
12	$\mathcal{O}(0; \{12^7, 6^8, 4^5, 2^2\})$	22368256
12	$\mathcal{O}(0; \{12^7, 6^9, 4, 3, 2^5\})$	5592320
12	$\mathcal{O}(0; \{12^7, 6^9, 4, 3^4, 2\})$	44739328
12	$\mathcal{O}(0; \{12^7, 6^9, 4^3, 3, 2^2\})$	22369280
12	$\mathcal{O}(0; \{12^7, 6^{10}, 4, 3^2, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^7, 6^{11}, 4, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^7, 6^{11}, 4^3\})$	44739584
12	$\mathcal{O}(0; \{12^7, 6^{12}, 4, 3\})$	44739328
12	$\mathcal{O}(0; \{12^8, 2^{21}\})$	11008
12	$\mathcal{O}(0; \{12^8, 3^3, 2^{17}\})$	87296
12	$\mathcal{O}(0; \{12^8, 3^6, 2^{13}\})$	699136
12	$\mathcal{O}(0; \{12^8, 3^9, 2^9\})$	5592320

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^8, 3^{12}, 2^5\})$	44739328
12	$\mathcal{O}(0; \{12^8, 3^{15}, 2\})$	357913856
12	$\mathcal{O}(0; \{12^8, 4^2, 2^{18}\})$	44032
12	$\mathcal{O}(0; \{12^8, 4^2, 3^3, 2^{14}\})$	349184
12	$\mathcal{O}(0; \{12^8, 4^2, 3^6, 2^{10}\})$	2796544
12	$\mathcal{O}(0; \{12^8, 4^2, 3^9, 2^6\})$	22369280
12	$\mathcal{O}(0; \{12^8, 4^2, 3^{12}, 2^2\})$	178957312
12	$\mathcal{O}(0; \{12^8, 4^4, 2^{15}\})$	176128
12	$\mathcal{O}(0; \{12^8, 4^4, 3^3, 2^{11}\})$	1396736
12	$\mathcal{O}(0; \{12^8, 4^4, 3^6, 2^7\})$	11186176
12	$\mathcal{O}(0; \{12^8, 4^4, 3^9, 2^3\})$	89477120
12	$\mathcal{O}(0; \{12^8, 4^6, 2^{12}\})$	704512
12	$\mathcal{O}(0; \{12^8, 4^6, 3^3, 2^8\})$	5586944
12	$\mathcal{O}(0; \{12^8, 4^6, 3^6, 2^4\})$	44744704
12	$\mathcal{O}(0; \{12^8, 4^6, 3^9\})$	357908480
12	$\mathcal{O}(0; \{12^8, 4^8, 2^9\})$	2818048
12	$\mathcal{O}(0; \{12^8, 4^8, 3^3, 2^5\})$	22347776
12	$\mathcal{O}(0; \{12^8, 4^8, 3^6, 2\})$	178978816
12	$\mathcal{O}(0; \{12^8, 4^{10}, 2^6\})$	11272192
12	$\mathcal{O}(0; \{12^8, 4^{10}, 3^3, 2^2\})$	89391104
12	$\mathcal{O}(0; \{12^8, 4^{12}, 2^3\})$	45088768
12	$\mathcal{O}(0; \{12^8, 4^{14}\})$	180355072
12	$\mathcal{O}(0; \{12^8, 6, 3, 2^{18}\})$	43776
12	$\mathcal{O}(0; \{12^8, 6, 3^4, 2^{14}\})$	349440
12	$\mathcal{O}(0; \{12^8, 6, 3^7, 2^{10}\})$	2796288
12	$\mathcal{O}(0; \{12^8, 6, 3^{10}, 2^6\})$	22369536
12	$\mathcal{O}(0; \{12^8, 6, 3^{13}, 2^2\})$	178957056
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3, 2^{15}\})$	175104
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^4, 2^{11}\})$	1397760
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^7, 2^7\})$	11185152
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^{10}, 2^3\})$	89478144
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 3, 2^{12}\})$	700416
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 3^4, 2^8\})$	5591040
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 3^7, 2^4\})$	44740608
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 3^{10}\})$	357912576
12	$\mathcal{O}(0; \{12^8, 6, 4^6, 3, 2^9\})$	2801664
12	$\mathcal{O}(0; \{12^8, 6, 4^6, 3^4, 2^5\})$	22364160
12	$\mathcal{O}(0; \{12^8, 6, 4^6, 3^7, 2\})$	178962432
12	$\mathcal{O}(0; \{12^8, 6, 4^8, 3, 2^6\})$	11206656
12	$\mathcal{O}(0; \{12^8, 6, 4^8, 3^4, 2^2\})$	89456640
12	$\mathcal{O}(0; \{12^8, 6, 4^{10}, 3, 2^3\})$	44826624
12	$\mathcal{O}(0; \{12^8, 6, 4^{12}, 3\})$	179306496
12	$\mathcal{O}(0; \{12^8, 6^2, 3^2, 2^{15}\})$	174848

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^8, 6^2, 3^5, 2^{11}\})$	1398016
12	$\mathcal{O}(0; \{12^8, 6^2, 3^8, 2^7\})$	11184896
12	$\mathcal{O}(0; \{12^8, 6^2, 3^{11}, 2^3\})$	89478400
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3^2, 2^{12}\})$	699392
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3^5, 2^8\})$	5592064
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3^8, 2^4\})$	44739584
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3^{11}\})$	357913600
12	$\mathcal{O}(0; \{12^8, 6^2, 4^4, 3^2, 2^9\})$	2797568
12	$\mathcal{O}(0; \{12^8, 6^2, 4^4, 3^5, 2^5\})$	22368256
12	$\mathcal{O}(0; \{12^8, 6^2, 4^4, 3^8, 2\})$	178958336
12	$\mathcal{O}(0; \{12^8, 6^2, 4^6, 3^2, 2^6\})$	11190272
12	$\mathcal{O}(0; \{12^8, 6^2, 4^6, 3^5, 2^2\})$	89473024
12	$\mathcal{O}(0; \{12^8, 6^2, 4^8, 3^2, 2^3\})$	44761088
12	$\mathcal{O}(0; \{12^8, 6^2, 4^{10}, 3^2\})$	179044352
12	$\mathcal{O}(0; \{12^8, 6^3, 2^{16}\})$	87296
12	$\mathcal{O}(0; \{12^8, 6^3, 3^3, 2^{12}\})$	699136
12	$\mathcal{O}(0; \{12^8, 6^3, 3^6, 2^8\})$	5592320
12	$\mathcal{O}(0; \{12^8, 6^3, 3^9, 2^4\})$	44739328
12	$\mathcal{O}(0; \{12^8, 6^3, 3^{12}\})$	357913856
12	$\mathcal{O}(0; \{12^8, 6^3, 4^2, 2^{13}\})$	349184
12	$\mathcal{O}(0; \{12^8, 6^3, 4^2, 3^3, 2^9\})$	2796544
12	$\mathcal{O}(0; \{12^8, 6^3, 4^2, 3^6, 2^5\})$	22369280
12	$\mathcal{O}(0; \{12^8, 6^3, 4^2, 3^9, 2\})$	178957312
12	$\mathcal{O}(0; \{12^8, 6^3, 4^4, 2^{10}\})$	1396736
12	$\mathcal{O}(0; \{12^8, 6^3, 4^4, 3^3, 2^6\})$	11186176
12	$\mathcal{O}(0; \{12^8, 6^3, 4^4, 3^6, 2^2\})$	89477120
12	$\mathcal{O}(0; \{12^8, 6^3, 4^6, 2^7\})$	5586944
12	$\mathcal{O}(0; \{12^8, 6^3, 4^6, 3^3, 2^3\})$	44744704
12	$\mathcal{O}(0; \{12^8, 6^3, 4^8, 2^4\})$	22347776
12	$\mathcal{O}(0; \{12^8, 6^3, 4^8, 3^3\})$	178978816
12	$\mathcal{O}(0; \{12^8, 6^3, 4^{10}, 2\})$	89391104
12	$\mathcal{O}(0; \{12^8, 6^4, 3, 2^{13}\})$	349440
12	$\mathcal{O}(0; \{12^8, 6^4, 3^4, 2^9\})$	2796288
12	$\mathcal{O}(0; \{12^8, 6^4, 3^7, 2^5\})$	22369536
12	$\mathcal{O}(0; \{12^8, 6^4, 3^{10}, 2\})$	178957056
12	$\mathcal{O}(0; \{12^8, 6^4, 4^2, 3, 2^{10}\})$	1397760
12	$\mathcal{O}(0; \{12^8, 6^4, 4^2, 3^4, 2^6\})$	11185152
12	$\mathcal{O}(0; \{12^8, 6^4, 4^2, 3^7, 2^2\})$	89478144
12	$\mathcal{O}(0; \{12^8, 6^4, 4^4, 3, 2^7\})$	5591040
12	$\mathcal{O}(0; \{12^8, 6^4, 4^4, 3^4, 2^3\})$	44740608
12	$\mathcal{O}(0; \{12^8, 6^4, 4^6, 3, 2^4\})$	22364160
12	$\mathcal{O}(0; \{12^8, 6^4, 4^6, 3^4\})$	178962432
12	$\mathcal{O}(0; \{12^8, 6^4, 4^8, 3, 2\})$	89456640

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^8, 6^5, 3^2, 2^{10}\})$	1398016
12	$\mathcal{O}(0; \{12^8, 6^5, 3^5, 2^6\})$	11184896
12	$\mathcal{O}(0; \{12^8, 6^5, 3^8, 2^2\})$	89478400
12	$\mathcal{O}(0; \{12^8, 6^5, 4^2, 3^2, 2^7\})$	5592064
12	$\mathcal{O}(0; \{12^8, 6^5, 4^2, 3^5, 2^3\})$	44739584
12	$\mathcal{O}(0; \{12^8, 6^5, 4^4, 3^2, 2^4\})$	22368256
12	$\mathcal{O}(0; \{12^8, 6^5, 4^4, 3^5\})$	178958336
12	$\mathcal{O}(0; \{12^8, 6^5, 4^6, 3^2, 2\})$	89473024
12	$\mathcal{O}(0; \{12^8, 6^6, 2^{11}\})$	699136
12	$\mathcal{O}(0; \{12^8, 6^6, 3^3, 2^7\})$	5592320
12	$\mathcal{O}(0; \{12^8, 6^6, 3^6, 2^3\})$	44739328
12	$\mathcal{O}(0; \{12^8, 6^6, 4^2, 2^8\})$	2796544
12	$\mathcal{O}(0; \{12^8, 6^6, 4^2, 3^3, 2^4\})$	22369280
12	$\mathcal{O}(0; \{12^8, 6^6, 4^2, 3^6\})$	178957312
12	$\mathcal{O}(0; \{12^8, 6^6, 4^4, 2^5\})$	11186176
12	$\mathcal{O}(0; \{12^8, 6^6, 4^4, 3^3, 2\})$	89477120
12	$\mathcal{O}(0; \{12^8, 6^6, 4^6, 2^2\})$	44744704
12	$\mathcal{O}(0; \{12^8, 6^7, 3, 2^8\})$	2796288
12	$\mathcal{O}(0; \{12^8, 6^7, 3^4, 2^4\})$	22369536
12	$\mathcal{O}(0; \{12^8, 6^7, 3^7\})$	178957056
12	$\mathcal{O}(0; \{12^8, 6^7, 4^2, 3, 2^5\})$	11185152
12	$\mathcal{O}(0; \{12^8, 6^7, 4^2, 3^4, 2\})$	89478144
12	$\mathcal{O}(0; \{12^8, 6^7, 4^4, 3, 2^2\})$	44740608
12	$\mathcal{O}(0; \{12^8, 6^8, 3^2, 2^5\})$	11184896
12	$\mathcal{O}(0; \{12^8, 6^8, 3^5, 2\})$	89478400
12	$\mathcal{O}(0; \{12^8, 6^8, 4^2, 3^2, 2^2\})$	44739584
12	$\mathcal{O}(0; \{12^8, 6^9, 2^6\})$	5592320
12	$\mathcal{O}(0; \{12^8, 6^9, 3^3, 2^2\})$	44739328
12	$\mathcal{O}(0; \{12^8, 6^9, 4^2, 2^3\})$	22369280
12	$\mathcal{O}(0; \{12^8, 6^9, 4^4\})$	89477120
12	$\mathcal{O}(0; \{12^8, 6^{10}, 3, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^8, 6^{10}, 4^2, 3\})$	89478144
12	$\mathcal{O}(0; \{12^8, 6^{11}, 3^2\})$	89478400
12	$\mathcal{O}(0; \{12^8, 6^{12}, 2\})$	44739328
12	$\mathcal{O}(0; \{12^9, 4, 3^2, 2^{15}\})$	349184
12	$\mathcal{O}(0; \{12^9, 4, 3^5, 2^{11}\})$	2796544
12	$\mathcal{O}(0; \{12^9, 4, 3^8, 2^7\})$	22369280
12	$\mathcal{O}(0; \{12^9, 4, 3^{11}, 2^3\})$	178957312
12	$\mathcal{O}(0; \{12^9, 4^3, 3^2, 2^{12}\})$	1396736
12	$\mathcal{O}(0; \{12^9, 4^3, 3^5, 2^8\})$	11186176
12	$\mathcal{O}(0; \{12^9, 4^3, 3^8, 2^4\})$	89477120
12	$\mathcal{O}(0; \{12^9, 4^3, 3^{11}\})$	715829248
12	$\mathcal{O}(0; \{12^9, 4^5, 3^2, 2^9\})$	5586944

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^9, 4^5, 3^5, 2^5\})$	44744704
12	$\mathcal{O}(0; \{12^9, 4^5, 3^8, 2\})$	357908480
12	$\mathcal{O}(0; \{12^9, 4^7, 3^2, 2^6\})$	22347776
12	$\mathcal{O}(0; \{12^9, 4^7, 3^5, 2^2\})$	178978816
12	$\mathcal{O}(0; \{12^9, 4^9, 3^2, 2^3\})$	89391104
12	$\mathcal{O}(0; \{12^9, 4^{11}, 3^2\})$	357564416
12	$\mathcal{O}(0; \{12^9, 6, 4, 2^{16}\})$	175104
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^3, 2^{12}\})$	1397760
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^6, 2^8\})$	11185152
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^9, 2^4\})$	89478144
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^{12}\})$	715828224
12	$\mathcal{O}(0; \{12^9, 6, 4^3, 2^{13}\})$	700416
12	$\mathcal{O}(0; \{12^9, 6, 4^3, 3^3, 2^9\})$	5591040
12	$\mathcal{O}(0; \{12^9, 6, 4^3, 3^6, 2^5\})$	44740608
12	$\mathcal{O}(0; \{12^9, 6, 4^3, 3^9, 2\})$	357912576
12	$\mathcal{O}(0; \{12^9, 6, 4^5, 2^{10}\})$	2801664
12	$\mathcal{O}(0; \{12^9, 6, 4^5, 3^3, 2^6\})$	22364160
12	$\mathcal{O}(0; \{12^9, 6, 4^5, 3^6, 2^2\})$	178962432
12	$\mathcal{O}(0; \{12^9, 6, 4^7, 2^7\})$	11206656
12	$\mathcal{O}(0; \{12^9, 6, 4^7, 3^3, 2^3\})$	89456640
12	$\mathcal{O}(0; \{12^9, 6, 4^9, 2^4\})$	44826624
12	$\mathcal{O}(0; \{12^9, 6, 4^9, 3^3\})$	357826560
12	$\mathcal{O}(0; \{12^9, 6, 4^{11}, 2\})$	179306496
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 3, 2^{13}\})$	699392
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 3^4, 2^9\})$	5592064
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 3^7, 2^5\})$	44739584
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 3^{10}, 2\})$	357913600
12	$\mathcal{O}(0; \{12^9, 6^2, 4^3, 3, 2^{10}\})$	2797568
12	$\mathcal{O}(0; \{12^9, 6^2, 4^3, 3^4, 2^6\})$	22368256
12	$\mathcal{O}(0; \{12^9, 6^2, 4^3, 3^7, 2^2\})$	178958336
12	$\mathcal{O}(0; \{12^9, 6^2, 4^5, 3, 2^7\})$	11190272
12	$\mathcal{O}(0; \{12^9, 6^2, 4^5, 3^4, 2^3\})$	89473024
12	$\mathcal{O}(0; \{12^9, 6^2, 4^7, 3, 2^4\})$	44761088
12	$\mathcal{O}(0; \{12^9, 6^2, 4^7, 3^4\})$	357892096
12	$\mathcal{O}(0; \{12^9, 6^2, 4^9, 3, 2\})$	179044352
12	$\mathcal{O}(0; \{12^9, 6^3, 4, 3^2, 2^{10}\})$	2796544
12	$\mathcal{O}(0; \{12^9, 6^3, 4, 3^5, 2^6\})$	22369280
12	$\mathcal{O}(0; \{12^9, 6^3, 4, 3^8, 2^2\})$	178957312
12	$\mathcal{O}(0; \{12^9, 6^3, 4^3, 3^2, 2^7\})$	11186176
12	$\mathcal{O}(0; \{12^9, 6^3, 4^3, 3^5, 2^3\})$	89477120
12	$\mathcal{O}(0; \{12^9, 6^3, 4^5, 3^2, 2^4\})$	44744704
12	$\mathcal{O}(0; \{12^9, 6^3, 4^5, 3^5\})$	357908480
12	$\mathcal{O}(0; \{12^9, 6^3, 4^7, 3^2, 2\})$	178978816

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^9, 6^4, 4, 2^{11}\})$	1397760
12	$\mathcal{O}(0; \{12^9, 6^4, 4, 3^3, 2^7\})$	11185152
12	$\mathcal{O}(0; \{12^9, 6^4, 4, 3^6, 2^3\})$	89478144
12	$\mathcal{O}(0; \{12^9, 6^4, 4^3, 2^8\})$	5591040
12	$\mathcal{O}(0; \{12^9, 6^4, 4^3, 3^3, 2^4\})$	44740608
12	$\mathcal{O}(0; \{12^9, 6^4, 4^3, 3^6\})$	357912576
12	$\mathcal{O}(0; \{12^9, 6^4, 4^5, 2^5\})$	22364160
12	$\mathcal{O}(0; \{12^9, 6^4, 4^5, 3^3, 2\})$	178962432
12	$\mathcal{O}(0; \{12^9, 6^4, 4^7, 2^2\})$	89456640
12	$\mathcal{O}(0; \{12^9, 6^5, 4, 3, 2^8\})$	5592064
12	$\mathcal{O}(0; \{12^9, 6^5, 4, 3^4, 2^4\})$	44739584
12	$\mathcal{O}(0; \{12^9, 6^5, 4, 3^7\})$	357913600
12	$\mathcal{O}(0; \{12^9, 6^5, 4^3, 3, 2^5\})$	22368256
12	$\mathcal{O}(0; \{12^9, 6^5, 4^3, 3^4, 2\})$	178958336
12	$\mathcal{O}(0; \{12^9, 6^5, 4^5, 3, 2^2\})$	89473024
12	$\mathcal{O}(0; \{12^9, 6^6, 4, 3^2, 2^5\})$	22369280
12	$\mathcal{O}(0; \{12^9, 6^6, 4, 3^5, 2\})$	178957312
12	$\mathcal{O}(0; \{12^9, 6^6, 4^3, 3^2, 2^2\})$	89477120
12	$\mathcal{O}(0; \{12^9, 6^7, 4, 2^6\})$	11185152
12	$\mathcal{O}(0; \{12^9, 6^7, 4, 3^3, 2^2\})$	89478144
12	$\mathcal{O}(0; \{12^9, 6^7, 4^3, 2^3\})$	44740608
12	$\mathcal{O}(0; \{12^9, 6^7, 4^5\})$	178962432
12	$\mathcal{O}(0; \{12^9, 6^8, 4, 3, 2^3\})$	44739584
12	$\mathcal{O}(0; \{12^9, 6^8, 4^3, 3\})$	178958336
12	$\mathcal{O}(0; \{12^9, 6^9, 4, 3^2\})$	178957312
12	$\mathcal{O}(0; \{12^9, 6^{10}, 4, 2\})$	89478144
12	$\mathcal{O}(0; \{12^{10}, 3, 2^{16}\})$	349184
12	$\mathcal{O}(0; \{12^{10}, 3^4, 2^{12}\})$	2796544
12	$\mathcal{O}(0; \{12^{10}, 3^7, 2^8\})$	22369280
12	$\mathcal{O}(0; \{12^{10}, 3^{10}, 2^4\})$	178957312
12	$\mathcal{O}(0; \{12^{10}, 3^{13}\})$	1431655424
12	$\mathcal{O}(0; \{12^{10}, 4^2, 3, 2^{13}\})$	1396736
12	$\mathcal{O}(0; \{12^{10}, 4^2, 3^4, 2^9\})$	11186176
12	$\mathcal{O}(0; \{12^{10}, 4^2, 3^7, 2^5\})$	89477120
12	$\mathcal{O}(0; \{12^{10}, 4^2, 3^{10}, 2\})$	715829248
12	$\mathcal{O}(0; \{12^{10}, 4^4, 3, 2^{10}\})$	5586944
12	$\mathcal{O}(0; \{12^{10}, 4^4, 3^4, 2^6\})$	44744704
12	$\mathcal{O}(0; \{12^{10}, 4^4, 3^7, 2^2\})$	357908480
12	$\mathcal{O}(0; \{12^{10}, 4^6, 3, 2^7\})$	22347776
12	$\mathcal{O}(0; \{12^{10}, 4^6, 3^4, 2^3\})$	178978816
12	$\mathcal{O}(0; \{12^{10}, 4^8, 3, 2^4\})$	89391104
12	$\mathcal{O}(0; \{12^{10}, 4^8, 3^4\})$	715915264
12	$\mathcal{O}(0; \{12^{10}, 4^{10}, 3, 2\})$	357564416

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{10}, 6, 3^2, 2^{13}\})$	1397760
12	$\mathcal{O}(0; \{12^{10}, 6, 3^5, 2^9\})$	11185152
12	$\mathcal{O}(0; \{12^{10}, 6, 3^8, 2^5\})$	89478144
12	$\mathcal{O}(0; \{12^{10}, 6, 3^{11}, 2\})$	715828224
12	$\mathcal{O}(0; \{12^{10}, 6, 4^2, 3^2, 2^{10}\})$	5591040
12	$\mathcal{O}(0; \{12^{10}, 6, 4^2, 3^5, 2^6\})$	44740608
12	$\mathcal{O}(0; \{12^{10}, 6, 4^2, 3^8, 2^2\})$	357912576
12	$\mathcal{O}(0; \{12^{10}, 6, 4^4, 3^2, 2^7\})$	22364160
12	$\mathcal{O}(0; \{12^{10}, 6, 4^4, 3^5, 2^3\})$	178962432
12	$\mathcal{O}(0; \{12^{10}, 6, 4^6, 3^2, 2^4\})$	89456640
12	$\mathcal{O}(0; \{12^{10}, 6, 4^6, 3^5\})$	715849728
12	$\mathcal{O}(0; \{12^{10}, 6, 4^8, 3^2, 2\})$	357826560
12	$\mathcal{O}(0; \{12^{10}, 6^2, 2^{14}\})$	699392
12	$\mathcal{O}(0; \{12^{10}, 6^2, 3^3, 2^{10}\})$	5592064
12	$\mathcal{O}(0; \{12^{10}, 6^2, 3^6, 2^6\})$	44739584
12	$\mathcal{O}(0; \{12^{10}, 6^2, 3^9, 2^2\})$	357913600
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^2, 2^{11}\})$	2797568
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^2, 3^3, 2^7\})$	22368256
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^2, 3^6, 2^3\})$	178958336
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^4, 2^8\})$	11190272
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^4, 3^3, 2^4\})$	89473024
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^4, 3^6\})$	715833344
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^6, 2^5\})$	44761088
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^6, 3^3, 2\})$	357892096
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^8, 2^2\})$	179044352
12	$\mathcal{O}(0; \{12^{10}, 6^3, 3, 2^{11}\})$	2796544
12	$\mathcal{O}(0; \{12^{10}, 6^3, 3^4, 2^7\})$	22369280
12	$\mathcal{O}(0; \{12^{10}, 6^3, 3^7, 2^3\})$	178957312
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^2, 3, 2^8\})$	11186176
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^2, 3^4, 2^4\})$	89477120
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^2, 3^7\})$	715829248
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^4, 3, 2^5\})$	44744704
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^4, 3^4, 2\})$	357908480
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^6, 3, 2^2\})$	178978816
12	$\mathcal{O}(0; \{12^{10}, 6^4, 3^2, 2^8\})$	11185152
12	$\mathcal{O}(0; \{12^{10}, 6^4, 3^5, 2^4\})$	89478144
12	$\mathcal{O}(0; \{12^{10}, 6^4, 3^8\})$	715828224
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^2, 3^2, 2^5\})$	44740608
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^2, 3^5, 2\})$	357912576
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^4, 3^2, 2^2\})$	178962432
12	$\mathcal{O}(0; \{12^{10}, 6^5, 2^9\})$	5592064
12	$\mathcal{O}(0; \{12^{10}, 6^5, 3^3, 2^5\})$	44739584
12	$\mathcal{O}(0; \{12^{10}, 6^5, 3^6, 2\})$	357913600

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{10}, 6^5, 4^2, 2^6\})$	22368256
12	$\mathcal{O}(0; \{12^{10}, 6^5, 4^2, 3^3, 2^2\})$	178958336
12	$\mathcal{O}(0; \{12^{10}, 6^5, 4^4, 2^3\})$	89473024
12	$\mathcal{O}(0; \{12^{10}, 6^5, 4^6\})$	357892096
12	$\mathcal{O}(0; \{12^{10}, 6^6, 3, 2^6\})$	22369280
12	$\mathcal{O}(0; \{12^{10}, 6^6, 3^4, 2^2\})$	178957312
12	$\mathcal{O}(0; \{12^{10}, 6^6, 4^2, 3, 2^3\})$	89477120
12	$\mathcal{O}(0; \{12^{10}, 6^6, 4^4, 3\})$	357908480
12	$\mathcal{O}(0; \{12^{10}, 6^7, 3^2, 2^3\})$	89478144
12	$\mathcal{O}(0; \{12^{10}, 6^7, 4^2, 3^2\})$	357912576
12	$\mathcal{O}(0; \{12^{10}, 6^8, 2^4\})$	44739584
12	$\mathcal{O}(0; \{12^{10}, 6^8, 3^3\})$	357913600
12	$\mathcal{O}(0; \{12^{10}, 6^8, 4^2, 2\})$	178958336
12	$\mathcal{O}(0; \{12^{10}, 6^9, 3, 2\})$	178957312
12	$\mathcal{O}(0; \{12^{11}, 4, 2^{14}\})$	1396736
12	$\mathcal{O}(0; \{12^{11}, 4, 3^3, 2^{10}\})$	11186176
12	$\mathcal{O}(0; \{12^{11}, 4, 3^6, 2^6\})$	89477120
12	$\mathcal{O}(0; \{12^{11}, 4, 3^9, 2^2\})$	715829248
12	$\mathcal{O}(0; \{12^{11}, 4^3, 2^{11}\})$	5586944
12	$\mathcal{O}(0; \{12^{11}, 4^3, 3^3, 2^7\})$	44744704
12	$\mathcal{O}(0; \{12^{11}, 4^3, 3^6, 2^3\})$	357908480
12	$\mathcal{O}(0; \{12^{11}, 4^5, 2^8\})$	22347776
12	$\mathcal{O}(0; \{12^{11}, 4^5, 3^3, 2^4\})$	178978816
12	$\mathcal{O}(0; \{12^{11}, 4^5, 3^6\})$	1431633920
12	$\mathcal{O}(0; \{12^{11}, 4^7, 2^5\})$	89391104
12	$\mathcal{O}(0; \{12^{11}, 4^7, 3^3, 2\})$	715915264
12	$\mathcal{O}(0; \{12^{11}, 4^9, 2^2\})$	357564416
12	$\mathcal{O}(0; \{12^{11}, 6, 4, 3, 2^{11}\})$	5591040
12	$\mathcal{O}(0; \{12^{11}, 6, 4, 3^4, 2^7\})$	44740608
12	$\mathcal{O}(0; \{12^{11}, 6, 4, 3^7, 2^3\})$	357912576
12	$\mathcal{O}(0; \{12^{11}, 6, 4^3, 3, 2^8\})$	22364160
12	$\mathcal{O}(0; \{12^{11}, 6, 4^3, 3^4, 2^4\})$	178962432
12	$\mathcal{O}(0; \{12^{11}, 6, 4^3, 3^7\})$	1431650304
12	$\mathcal{O}(0; \{12^{11}, 6, 4^5, 3, 2^5\})$	89456640
12	$\mathcal{O}(0; \{12^{11}, 6, 4^5, 3^4, 2\})$	715849728
12	$\mathcal{O}(0; \{12^{11}, 6, 4^7, 3, 2^2\})$	357826560
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4, 3^2, 2^8\})$	22368256
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4, 3^5, 2^4\})$	178958336
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4, 3^8\})$	1431654400
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^3, 3^2, 2^5\})$	89473024
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^3, 3^5, 2\})$	715833344
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^5, 3^2, 2^2\})$	357892096
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4, 2^9\})$	11186176

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4, 3^3, 2^5\})$	89477120
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4, 3^6, 2\})$	715829248
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4^3, 2^6\})$	44744704
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4^3, 3^3, 2^2\})$	357908480
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4^5, 2^3\})$	178978816
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4^7\})$	715915264
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4, 3, 2^6\})$	44740608
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4, 3^4, 2^2\})$	357912576
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4^3, 3, 2^3\})$	178962432
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4^5, 3\})$	715849728
12	$\mathcal{O}(0; \{12^{11}, 6^5, 4, 3^2, 2^3\})$	178958336
12	$\mathcal{O}(0; \{12^{11}, 6^5, 4^3, 3^2\})$	715833344
12	$\mathcal{O}(0; \{12^{11}, 6^6, 4, 2^4\})$	89477120
12	$\mathcal{O}(0; \{12^{11}, 6^6, 4, 3^3\})$	715829248
12	$\mathcal{O}(0; \{12^{11}, 6^6, 4^3, 2\})$	357908480
12	$\mathcal{O}(0; \{12^{11}, 6^7, 4, 3, 2\})$	357912576
12	$\mathcal{O}(0; \{12^{12}, 3^2, 2^{11}\})$	11186176
12	$\mathcal{O}(0; \{12^{12}, 3^5, 2^7\})$	89477120
12	$\mathcal{O}(0; \{12^{12}, 3^8, 2^3\})$	715829248
12	$\mathcal{O}(0; \{12^{12}, 4^2, 3^2, 2^8\})$	44744704
12	$\mathcal{O}(0; \{12^{12}, 4^2, 3^5, 2^4\})$	357908480
12	$\mathcal{O}(0; \{12^{12}, 4^2, 3^8\})$	2863316992
12	$\mathcal{O}(0; \{12^{12}, 4^4, 3^2, 2^5\})$	178978816
12	$\mathcal{O}(0; \{12^{12}, 4^4, 3^5, 2\})$	1431633920
12	$\mathcal{O}(0; \{12^{12}, 4^6, 3^2, 2^2\})$	715915264
12	$\mathcal{O}(0; \{12^{12}, 6, 2^{12}\})$	5591040
12	$\mathcal{O}(0; \{12^{12}, 6, 3^3, 2^8\})$	44740608
12	$\mathcal{O}(0; \{12^{12}, 6, 3^6, 2^4\})$	357912576
12	$\mathcal{O}(0; \{12^{12}, 6, 3^9\})$	2863312896
12	$\mathcal{O}(0; \{12^{12}, 6, 4^2, 2^9\})$	22364160
12	$\mathcal{O}(0; \{12^{12}, 6, 4^2, 3^3, 2^5\})$	178962432
12	$\mathcal{O}(0; \{12^{12}, 6, 4^2, 3^6, 2\})$	1431650304
12	$\mathcal{O}(0; \{12^{12}, 6, 4^4, 2^6\})$	89456640
12	$\mathcal{O}(0; \{12^{12}, 6, 4^4, 3^3, 2^2\})$	715849728
12	$\mathcal{O}(0; \{12^{12}, 6, 4^6, 2^3\})$	357826560
12	$\mathcal{O}(0; \{12^{12}, 6, 4^8\})$	1431306240
12	$\mathcal{O}(0; \{12^{12}, 6^2, 3, 2^9\})$	22368256
12	$\mathcal{O}(0; \{12^{12}, 6^2, 3^4, 2^5\})$	178958336
12	$\mathcal{O}(0; \{12^{12}, 6^2, 3^7, 2\})$	1431654400
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^2, 3, 2^6\})$	89473024
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^2, 3^4, 2^2\})$	715833344
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^4, 3, 2^3\})$	357892096
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^6, 3\})$	1431568384

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{12}, 6^3, 3^2, 2^6\})$	89477120
12	$\mathcal{O}(0; \{12^{12}, 6^3, 3^5, 2^2\})$	715829248
12	$\mathcal{O}(0; \{12^{12}, 6^3, 4^2, 3^2, 2^3\})$	357908480
12	$\mathcal{O}(0; \{12^{12}, 6^3, 4^4, 3^2\})$	1431633920
12	$\mathcal{O}(0; \{12^{12}, 6^4, 2^7\})$	44740608
12	$\mathcal{O}(0; \{12^{12}, 6^4, 3^3, 2^3\})$	357912576
12	$\mathcal{O}(0; \{12^{12}, 6^4, 4^2, 2^4\})$	178962432
12	$\mathcal{O}(0; \{12^{12}, 6^4, 4^2, 3^3\})$	1431650304
12	$\mathcal{O}(0; \{12^{12}, 6^4, 4^4, 2\})$	715849728
12	$\mathcal{O}(0; \{12^{12}, 6^5, 3, 2^4\})$	178958336
12	$\mathcal{O}(0; \{12^{12}, 6^5, 3^4\})$	1431654400
12	$\mathcal{O}(0; \{12^{12}, 6^5, 4^2, 3, 2\})$	715833344
12	$\mathcal{O}(0; \{12^{12}, 6^6, 3^2, 2\})$	715829248
12	$\mathcal{O}(0; \{12^{12}, 6^7, 2^2\})$	357912576
12	$\mathcal{O}(0; \{12^{13}, 4, 3, 2^9\})$	44744704
12	$\mathcal{O}(0; \{12^{13}, 4, 3^4, 2^5\})$	357908480
12	$\mathcal{O}(0; \{12^{13}, 4, 3^7, 2\})$	2863316992
12	$\mathcal{O}(0; \{12^{13}, 4^3, 3, 2^6\})$	178978816
12	$\mathcal{O}(0; \{12^{13}, 4^3, 3^4, 2^2\})$	1431633920
12	$\mathcal{O}(0; \{12^{13}, 4^5, 3, 2^3\})$	715915264
12	$\mathcal{O}(0; \{12^{13}, 4^7, 3\})$	2863661056
12	$\mathcal{O}(0; \{12^{13}, 6, 4, 3^2, 2^6\})$	178962432
12	$\mathcal{O}(0; \{12^{13}, 6, 4, 3^5, 2^2\})$	1431650304
12	$\mathcal{O}(0; \{12^{13}, 6, 4^3, 3^2, 2^3\})$	715849728
12	$\mathcal{O}(0; \{12^{13}, 6, 4^5, 3^2\})$	2863398912
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4, 2^7\})$	89473024
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4, 3^3, 2^3\})$	715833344
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4^3, 2^4\})$	357892096
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4^3, 3^3\})$	2863333376
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4^5, 2\})$	1431568384
12	$\mathcal{O}(0; \{12^{13}, 6^3, 4, 3, 2^4\})$	357908480
12	$\mathcal{O}(0; \{12^{13}, 6^3, 4, 3^4\})$	2863316992
12	$\mathcal{O}(0; \{12^{13}, 6^3, 4^3, 3, 2\})$	1431633920
12	$\mathcal{O}(0; \{12^{13}, 6^4, 4, 3^2, 2\})$	1431650304
12	$\mathcal{O}(0; \{12^{13}, 6^5, 4, 2^2\})$	715833344
12	$\mathcal{O}(0; \{12^{14}, 2^{10}\})$	44744704
12	$\mathcal{O}(0; \{12^{14}, 3^3, 2^6\})$	357908480
12	$\mathcal{O}(0; \{12^{14}, 3^6, 2^2\})$	2863316992
12	$\mathcal{O}(0; \{12^{14}, 4^2, 2^7\})$	178978816
12	$\mathcal{O}(0; \{12^{14}, 4^2, 3^3, 2^3\})$	1431633920
12	$\mathcal{O}(0; \{12^{14}, 4^4, 2^4\})$	715915264
12	$\mathcal{O}(0; \{12^{14}, 4^4, 3^3\})$	5726535680
12	$\mathcal{O}(0; \{12^{14}, 4^6, 2\})$	2863661056

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{14}, 6, 3, 2^7\})$	178962432
12	$\mathcal{O}(0; \{12^{14}, 6, 3^4, 2^3\})$	1431650304
12	$\mathcal{O}(0; \{12^{14}, 6, 4^2, 3, 2^4\})$	715849728
12	$\mathcal{O}(0; \{12^{14}, 6, 4^2, 3^4\})$	5726601216
12	$\mathcal{O}(0; \{12^{14}, 6, 4^4, 3, 2\})$	2863398912
12	$\mathcal{O}(0; \{12^{14}, 6^2, 3^2, 2^4\})$	715833344
12	$\mathcal{O}(0; \{12^{14}, 6^2, 3^5\})$	5726617600
12	$\mathcal{O}(0; \{12^{14}, 6^2, 4^2, 3^2, 2\})$	2863333376
12	$\mathcal{O}(0; \{12^{14}, 6^3, 2^5\})$	357908480
12	$\mathcal{O}(0; \{12^{14}, 6^3, 3^3, 2\})$	2863316992
12	$\mathcal{O}(0; \{12^{14}, 6^3, 4^2, 2^2\})$	1431633920
12	$\mathcal{O}(0; \{12^{14}, 6^4, 3, 2^2\})$	1431650304
12	$\mathcal{O}(0; \{12^{14}, 6^6\})$	2863316992
12	$\mathcal{O}(0; \{12^{15}, 4, 3^2, 2^4\})$	1431633920
12	$\mathcal{O}(0; \{12^{15}, 4, 3^5\})$	11453267968
12	$\mathcal{O}(0; \{12^{15}, 4^3, 3^2, 2\})$	5726535680
12	$\mathcal{O}(0; \{12^{15}, 6, 4, 2^5\})$	715849728
12	$\mathcal{O}(0; \{12^{15}, 6, 4, 3^3, 2\})$	5726601216
12	$\mathcal{O}(0; \{12^{15}, 6, 4^3, 2^2\})$	2863398912
12	$\mathcal{O}(0; \{12^{15}, 6^2, 4, 3, 2^2\})$	2863333376
12	$\mathcal{O}(0; \{12^{15}, 6^4, 4\})$	5726601216
12	$\mathcal{O}(0; \{12^{16}, 3, 2^5\})$	1431633920
12	$\mathcal{O}(0; \{12^{16}, 3^4, 2\})$	11453267968
12	$\mathcal{O}(0; \{12^{16}, 4^2, 3, 2^2\})$	5726535680
12	$\mathcal{O}(0; \{12^{16}, 6, 3^2, 2^2\})$	5726601216
12	$\mathcal{O}(0; \{12^{16}, 6^2, 2^3\})$	2863333376
12	$\mathcal{O}(0; \{12^{16}, 6^2, 4^2\})$	11453333504
12	$\mathcal{O}(0; \{12^{16}, 6^3, 3\})$	11453267968
12	$\mathcal{O}(0; \{12^{17}, 4, 2^3\})$	5726535680
12	$\mathcal{O}(0; \{12^{17}, 4^3\})$	22906142720
12	$\mathcal{O}(0; \{12^{17}, 6, 4, 3\})$	22906404864
12	$\mathcal{O}(0; \{12^{18}, 3^2\})$	45813071872
12	$\mathcal{O}(0; \{12^{18}, 6, 2\})$	22906404864
13	$\mathcal{O}(6; \{13^5\})$	445925349244286340
13	$\mathcal{O}(0; \{13^{18}\})$	2047948713914249532
14	$\mathcal{O}(6; \{7^3, 2^2\})$	1700817371258880
14	$\mathcal{O}(6; \{14^2, 7^2\})$	10545067701805056
14	$\mathcal{O}(5; \{7^3, 2^6\})$	8677639649280
14	$\mathcal{O}(5; \{14^2, 7^2, 2^4\})$	53801365825536
14	$\mathcal{O}(5; \{14^4, 7, 2^2\})$	321072667023360
14	$\mathcal{O}(5; \{14^6\})$	1928171530070016
14	$\mathcal{O}(4; \{7^3, 2^{10}\})$	44273671680
14	$\mathcal{O}(4; \{14, 7^6, 2^3\})$	59016804349440

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
14	$\mathcal{O}(4; \{14^2, 7^2, 2^8\})$	274496764416
14	$\mathcal{O}(4; \{14^3, 7^5, 2\})$	354109680830976
14	$\mathcal{O}(4; \{14^4, 7, 2^6\})$	1638125852160
14	$\mathcal{O}(4; \{14^6, 2^4\})$	9837609847296
14	$\mathcal{O}(3; \{7^3, 2^{14}\})$	225886080
14	$\mathcal{O}(3; \{7^{10}, 2^2\})$	65040327735936
14	$\mathcal{O}(3; \{14, 7^6, 2^7\})$	301106144640
14	$\mathcal{O}(3; \{14^2, 7^2, 2^{12}\})$	1400493696
14	$\mathcal{O}(3; \{14^2, 7^9\})$	390241921238400
14	$\mathcal{O}(3; \{14^3, 7^5, 2^5\})$	1806682045056
14	$\mathcal{O}(3; \{14^4, 7, 2^{10}\})$	8357784960
14	$\mathcal{O}(3; \{14^5, 7^4, 2^3\})$	10840047093120
14	$\mathcal{O}(3; \{14^6, 2^8\})$	50191886976
14	$\mathcal{O}(3; \{14^7, 7^3, 2\})$	65040327735936
14	$\mathcal{O}(2; \{7^3, 2^{18}\})$	1152480
14	$\mathcal{O}(2; \{7^{10}, 2^6\})$	331838406816
14	$\mathcal{O}(2; \{14, 7^6, 2^{11}\})$	1536255840
14	$\mathcal{O}(2; \{14^2, 7^2, 2^{16}\})$	7145376
14	$\mathcal{O}(2; \{14^2, 7^9, 2^4\})$	1991030210400
14	$\mathcal{O}(2; \{14^3, 7^5, 2^9\})$	9217765536
14	$\mathcal{O}(2; \{14^4, 7, 2^{14}\})$	42641760
14	$\mathcal{O}(2; \{14^4, 7^8, 2^2\})$	11946181492896
14	$\mathcal{O}(2; \{14^5, 7^4, 2^7\})$	55306362720
14	$\mathcal{O}(2; \{14^6, 2^{12}\})$	256081056
14	$\mathcal{O}(2; \{14^6, 7^7\})$	71677088726880
14	$\mathcal{O}(2; \{14^7, 7^3, 2^5\})$	331838406816
14	$\mathcal{O}(2; \{14^9, 7^2, 2^3\})$	1991030210400
14	$\mathcal{O}(2; \{14^{11}, 7, 2\})$	11946181492896
14	$\mathcal{O}(1; \{7^3, 2^{22}\})$	5880
14	$\mathcal{O}(1; \{7^{10}, 2^{10}\})$	1693053096
14	$\mathcal{O}(1; \{14, 7^6, 2^{15}\})$	7838040
14	$\mathcal{O}(1; \{14, 7^{13}, 2^3\})$	2194196594856
14	$\mathcal{O}(1; \{14^2, 7^2, 2^{20}\})$	36456
14	$\mathcal{O}(1; \{14^2, 7^9, 2^8\})$	10158317400
14	$\mathcal{O}(1; \{14^3, 7^5, 2^{13}\})$	47029416
14	$\mathcal{O}(1; \{14^3, 7^{12}, 2\})$	13165179567960
14	$\mathcal{O}(1; \{14^4, 7, 2^{18}\})$	217560
14	$\mathcal{O}(1; \{14^4, 7^8, 2^6\})$	60949905576
14	$\mathcal{O}(1; \{14^5, 7^4, 2^{11}\})$	282175320
14	$\mathcal{O}(1; \{14^6, 2^{16}\})$	1306536
14	$\mathcal{O}(1; \{14^6, 7^7, 2^4\})$	365699432280
14	$\mathcal{O}(1; \{14^7, 7^3, 2^9\})$	1693053096
14	$\mathcal{O}(1; \{14^8, 7^6, 2^2\})$	2194196594856

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
14	$\mathcal{O}(1; \{14^9, 7^2, 2^7\})$	10158317400
14	$\mathcal{O}(1; \{14^{10}, 7^5\})$	13165179567960
14	$\mathcal{O}(1; \{14^{11}, 7, 2^5\})$	60949905576
14	$\mathcal{O}(1; \{14^{13}, 2^3\})$	365699432280
14	$\mathcal{O}(0; \{7^3, 2^{26}\})$	30
14	$\mathcal{O}(0; \{7^{10}, 2^{14}\})$	8638026
14	$\mathcal{O}(0; \{7^{17}, 2^2\})$	2418094206390
14	$\mathcal{O}(0; \{14, 7^6, 2^{19}\})$	39990
14	$\mathcal{O}(0; \{14, 7^{13}, 2^7\})$	11194880586
14	$\mathcal{O}(0; \{14^2, 7^2, 2^{24}\})$	186
14	$\mathcal{O}(0; \{14^2, 7^9, 2^{12}\})$	51828150
14	$\mathcal{O}(0; \{14^2, 7^{16}\})$	14508565238346
14	$\mathcal{O}(0; \{14^3, 7^5, 2^{17}\})$	239946
14	$\mathcal{O}(0; \{14^3, 7^{12}, 2^5\})$	67169283510
14	$\mathcal{O}(0; \{14^4, 7, 2^{22}\})$	1110
14	$\mathcal{O}(0; \{14^4, 7^8, 2^{10}\})$	310968906
14	$\mathcal{O}(0; \{14^5, 7^4, 2^{15}\})$	1439670
14	$\mathcal{O}(0; \{14^5, 7^{11}, 2^3\})$	403015701066
14	$\mathcal{O}(0; \{14^6, 2^{20}\})$	6666
14	$\mathcal{O}(0; \{14^6, 7^7, 2^8\})$	1865813430
14	$\mathcal{O}(0; \{14^7, 7^3, 2^{13}\})$	8638026
14	$\mathcal{O}(0; \{14^7, 7^{10}, 2\})$	2418094206390
14	$\mathcal{O}(0; \{14^8, 7^6, 2^6\})$	11194880586
14	$\mathcal{O}(0; \{14^9, 7^2, 2^{11}\})$	51828150
14	$\mathcal{O}(0; \{14^{10}, 7^5, 2^4\})$	67169283510
14	$\mathcal{O}(0; \{14^{11}, 7, 2^9\})$	310968906
14	$\mathcal{O}(0; \{14^{12}, 7^4, 2^2\})$	403015701066
14	$\mathcal{O}(0; \{14^{13}, 2^7\})$	1865813430
14	$\mathcal{O}(0; \{14^{14}, 7^3\})$	2418094206390
15	$\mathcal{O}(6; \{3^4\})$	778478024155104
15	$\mathcal{O}(6; \{15^2, 5\})$	3113912109375000
15	$\mathcal{O}(5; \{3^7\})$	24219313926192
15	$\mathcal{O}(5; \{15, 5^3, 3^2\})$	59971640625000
15	$\mathcal{O}(5; \{15^2, 5, 3^3\})$	69198046875000
15	$\mathcal{O}(5; \{15^5\})$	1176366796875000
15	$\mathcal{O}(4; \{3^{10}\})$	876506349888
15	$\mathcal{O}(4; \{5^5, 3^4\})$	3136978125000
15	$\mathcal{O}(4; \{15, 5^3, 3^5\})$	2931946875000
15	$\mathcal{O}(4; \{15^2, 5, 3^6\})$	2644903125000
15	$\mathcal{O}(4; \{15^2, 5^6\})$	67188740625000
15	$\mathcal{O}(4; \{15^3, 5^4, 3\})$	50376178125000
15	$\mathcal{O}(4; \{15^4, 5^2, 3^2\})$	46234546875000
15	$\mathcal{O}(4; \{15^5, 3^3\})$	44963353125000

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(3; \{3^{13}\})$	31094416080
15	$\mathcal{O}(3; \{5^5, 3^7\})$	97594875000
15	$\mathcal{O}(3; \{15, 5^3, 3^8\})$	100693125000
15	$\mathcal{O}(3; \{15, 5^8, 3^2\})$	1194375375000
15	$\mathcal{O}(3; \{15^2, 5, 3^9\})$	93220875000
15	$\mathcal{O}(3; \{15^2, 5^6, 3^3\})$	1493083125000
15	$\mathcal{O}(3; \{15^3, 5^4, 3^4\})$	1567258875000
15	$\mathcal{O}(3; \{15^4, 5^2, 3^5\})$	1587853125000
15	$\mathcal{O}(3; \{15^5, 3^6\})$	1584754875000
15	$\mathcal{O}(3; \{15^5, 5^5\})$	23887963125000
15	$\mathcal{O}(3; \{15^6, 5^3, 3\})$	25081882875000
15	$\mathcal{O}(3; \{15^7, 5, 3^2\})$	25382413125000
15	$\mathcal{O}(2; \{3^{16}\})$	1104184224
15	$\mathcal{O}(2; \{5^5, 3^{10}\})$	3532005000
15	$\mathcal{O}(2; \{5^{10}, 3^4\})$	63701235000
15	$\mathcal{O}(2; \{15, 5^3, 3^{11}\})$	3595995000
15	$\mathcal{O}(2; \{15, 5^8, 3^5\})$	58391685000
15	$\mathcal{O}(2; \{15^2, 5, 3^{12}\})$	3318165000
15	$\mathcal{O}(2; \{15^2, 5^6, 3^6\})$	57068955000
15	$\mathcal{O}(2; \{15^2, 5^{11}\})$	1358954415000
15	$\mathcal{O}(2; \{15^3, 5^4, 3^7\})$	56719845000
15	$\mathcal{O}(2; \{15^3, 5^9, 3\})$	1019216115000
15	$\mathcal{O}(2; \{15^4, 5^2, 3^8\})$	56706075000
15	$\mathcal{O}(2; \{15^4, 5^7, 3^2\})$	934280325000
15	$\mathcal{O}(2; \{15^5, 3^9\})$	56408805000
15	$\mathcal{O}(2; \{15^5, 5^5, 3^3\})$	913051035000
15	$\mathcal{O}(2; \{15^6, 5^3, 3^4\})$	907725285000
15	$\mathcal{O}(2; \{15^7, 5, 3^5\})$	906467355000
15	$\mathcal{O}(2; \{15^8, 5^4\})$	14608764315000
15	$\mathcal{O}(2; \{15^9, 5^2, 3\})$	14523812325000
15	$\mathcal{O}(2; \{15^{10}, 3^2\})$	14502647835000
15	$\mathcal{O}(1; \{3^{19}\})$	37748592
15	$\mathcal{O}(1; \{5^5, 3^{13}\})$	125307000
15	$\mathcal{O}(1; \{5^{10}, 3^7\})$	1981816200
15	$\mathcal{O}(1; \{15, 5^3, 3^{14}\})$	127787400
15	$\mathcal{O}(1; \{15, 5^8, 3^8\})$	2005371000
15	$\mathcal{O}(1; \{15, 5^{13}, 3^2\})$	24159191400
15	$\mathcal{O}(1; \{15^2, 5, 3^{15}\})$	117963000
15	$\mathcal{O}(1; \{15^2, 5^6, 3^9\})$	2011422600
15	$\mathcal{O}(1; \{15^2, 5^{11}, 3^3\})$	30198987000
15	$\mathcal{O}(1; \{15^3, 5^4, 3^{10}\})$	2012283000
15	$\mathcal{O}(1; \{15^3, 5^9, 3^4\})$	31708945800
15	$\mathcal{O}(1; \{15^4, 5^2, 3^{11}\})$	2015109000

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(1; \{15^4, 5^7, 3^5\})$	32086395000
15	$\mathcal{O}(1; \{15^5, 3^{12}\})$	2005371000
15	$\mathcal{O}(1; \{15^5, 5^5, 3^6\})$	32180920200
15	$\mathcal{O}(1; \{15^5, 5^{10}\})$	483183819000
15	$\mathcal{O}(1; \{15^6, 5^3, 3^7\})$	32203899000
15	$\mathcal{O}(1; \{15^6, 5^8, 3\})$	507343019400
15	$\mathcal{O}(1; \{15^7, 5, 3^8\})$	32212254600
15	$\mathcal{O}(1; \{15^7, 5^6, 3^2\})$	513382779000
15	$\mathcal{O}(1; \{15^8, 5^4, 3^3\})$	514892881800
15	$\mathcal{O}(1; \{15^9, 5^2, 3^4\})$	515269755000
15	$\mathcal{O}(1; \{15^{10}, 3^5\})$	515366584200
15	$\mathcal{O}(1; \{15^{11}, 5, 3\})$	8238284267400
15	$\mathcal{O}(1; \{15^{12}, 5, 3\})$	8244323451000
15	$\mathcal{O}(0; \{5^5, 3^{16}\})$	4456584
15	$\mathcal{O}(0; \{5^{10}, 3^{10}\})$	71722872
15	$\mathcal{O}(0; \{5^{15}, 3^4\})$	1288490184
15	$\mathcal{O}(0; \{15, 5^3, 3^{17}\})$	4543864
15	$\mathcal{O}(0; \{15, 5^8, 3^{11}\})$	71616648
15	$\mathcal{O}(0; \{15, 5^{13}, 3^5\})$	1181116024
15	$\mathcal{O}(0; \{15^2, 5, 3^{18}\})$	4194312
15	$\mathcal{O}(0; \{15^2, 5^6, 3^{12}\})$	71595896
15	$\mathcal{O}(0; \{15^2, 5^{11}, 3^6\})$	1154272392
15	$\mathcal{O}(0; \{15^2, 5^{16}\})$	27487790696
15	$\mathcal{O}(0; \{15^3, 5^4, 3^{13}\})$	71567496
15	$\mathcal{O}(0; \{15^3, 5^9, 3^7\})$	1147561848
15	$\mathcal{O}(0; \{15^3, 5^{14}, 3\})$	20615843016
15	$\mathcal{O}(0; \{15^4, 5^2, 3^{14}\})$	71653240
15	$\mathcal{O}(0; \{15^4, 5^7, 3^8\})$	1145882760
15	$\mathcal{O}(0; \{15^4, 5^{12}, 3^2\})$	18897856120
15	$\mathcal{O}(0; \{15^5, 3^{15}\})$	71303304
15	$\mathcal{O}(0; \{15^5, 5^5, 3^9\})$	1145468792
15	$\mathcal{O}(0; \{15^5, 5^{10}, 3^3\})$	18468359304
15	$\mathcal{O}(0; \{15^6, 5^3, 3^{10}\})$	1145342088
15	$\mathcal{O}(0; \{15^6, 5^8, 3^4\})$	18360985464
15	$\mathcal{O}(0; \{15^7, 5, 3^{11}\})$	1145403256
15	$\mathcal{O}(0; \{15^7, 5^6, 3^5\})$	18334140552
15	$\mathcal{O}(0; \{15^8, 5^4, 3^6\})$	18327435128
15	$\mathcal{O}(0; \{15^8, 5^9\})$	295493749896
15	$\mathcal{O}(0; \{15^9, 5^2, 3^7\})$	18325735560
15	$\mathcal{O}(0; \{15^9, 5^7, 3\})$	293775763320
15	$\mathcal{O}(0; \{15^{10}, 3^8\})$	18325403512
15	$\mathcal{O}(0; \{15^{10}, 5^5, 3^2\})$	293346265224
15	$\mathcal{O}(0; \{15^{11}, 5^3, 3^3\})$	293238896504

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(0; \{15^{12}, 5, 3^4\})$	293212031112
15	$\mathcal{O}(0; \{15^{14}, 5^2\})$	4691822278520
15	$\mathcal{O}(0; \{15^{15}, 3\})$	4691392759944
16	$\mathcal{O}(6; \{16^2\})$	2251799813685248
16	$\mathcal{O}(5; \{16^2, 2^4\})$	8796093022208
16	$\mathcal{O}(5; \{16^2, 4^2, 2\})$	35184372088832
16	$\mathcal{O}(4; \{16^2, 2^8\})$	34359738368
16	$\mathcal{O}(4; \{16^2, 4^2, 2^5\})$	137438953472
16	$\mathcal{O}(4; \{16^2, 4^4, 2^2\})$	549755813888
16	$\mathcal{O}(4; \{16^2, 8^2, 4, 2^3\})$	1099511627776
16	$\mathcal{O}(4; \{16^2, 8^2, 4^3\})$	4398046511104
16	$\mathcal{O}(4; \{16^2, 8^4, 2\})$	8796093022208
16	$\mathcal{O}(4; \{16^4, 8, 4, 2\})$	17592186044416
16	$\mathcal{O}(3; \{16^2, 2^{12}\})$	134217728
16	$\mathcal{O}(3; \{16^2, 4^2, 2^9\})$	536870912
16	$\mathcal{O}(3; \{16^2, 4^4, 2^6\})$	2147483648
16	$\mathcal{O}(3; \{16^2, 4^6, 2^3\})$	8589934592
16	$\mathcal{O}(3; \{16^2, 4^8\})$	34359738368
16	$\mathcal{O}(3; \{16^2, 8^2, 4, 2^7\})$	4294967296
16	$\mathcal{O}(3; \{16^2, 8^2, 4^3, 2^4\})$	17179869184
16	$\mathcal{O}(3; \{16^2, 8^2, 4^5, 2\})$	68719476736
16	$\mathcal{O}(3; \{16^2, 8^4, 2^5\})$	34359738368
16	$\mathcal{O}(3; \{16^2, 8^4, 4^2, 2^2\})$	137438953472
16	$\mathcal{O}(3; \{16^2, 8^6, 4\})$	1099511627776
16	$\mathcal{O}(3; \{16^4, 8, 4, 2^5\})$	68719476736
16	$\mathcal{O}(3; \{16^4, 8, 4^3, 2^2\})$	274877906944
16	$\mathcal{O}(3; \{16^4, 8^3, 2^3\})$	549755813888
16	$\mathcal{O}(3; \{16^4, 8^3, 4^2\})$	2199023255552
16	$\mathcal{O}(3; \{16^6, 4, 2^3\})$	1099511627776
16	$\mathcal{O}(3; \{16^6, 4^3\})$	4398046511104
16	$\mathcal{O}(3; \{16^6, 8^2, 2\})$	8796093022208
16	$\mathcal{O}(2; \{16^2, 2^{16}\})$	524288
16	$\mathcal{O}(2; \{16^2, 4^2, 2^{13}\})$	2097152
16	$\mathcal{O}(2; \{16^2, 4^4, 2^{10}\})$	8388608
16	$\mathcal{O}(2; \{16^2, 4^6, 2^7\})$	33554432
16	$\mathcal{O}(2; \{16^2, 4^8, 2^4\})$	134217728
16	$\mathcal{O}(2; \{16^2, 4^{10}, 2\})$	536870912
16	$\mathcal{O}(2; \{16^2, 8^2, 4, 2^{11}\})$	16777216
16	$\mathcal{O}(2; \{16^2, 8^2, 4^3, 2^8\})$	67108864
16	$\mathcal{O}(2; \{16^2, 8^2, 4^5, 2^5\})$	268435456
16	$\mathcal{O}(2; \{16^2, 8^2, 4^7, 2^2\})$	1073741824
16	$\mathcal{O}(2; \{16^2, 8^4, 2^9\})$	134217728
16	$\mathcal{O}(2; \{16^2, 8^4, 4^2, 2^6\})$	536870912

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(2; \{16^2, 8^4, 4^4, 2^3\})$	2147483648
16	$\mathcal{O}(2; \{16^2, 8^4, 4^6\})$	8589934592
16	$\mathcal{O}(2; \{16^2, 8^6, 4, 2^4\})$	4294967296
16	$\mathcal{O}(2; \{16^2, 8^6, 4^3, 2\})$	17179869184
16	$\mathcal{O}(2; \{16^2, 8^8, 2^2\})$	34359738368
16	$\mathcal{O}(2; \{16^4, 8, 4, 2^9\})$	268435456
16	$\mathcal{O}(2; \{16^4, 8, 4^3, 2^6\})$	1073741824
16	$\mathcal{O}(2; \{16^4, 8, 4^5, 2^3\})$	4294967296
16	$\mathcal{O}(2; \{16^4, 8, 4^7\})$	17179869184
16	$\mathcal{O}(2; \{16^4, 8^3, 2^7\})$	2147483648
16	$\mathcal{O}(2; \{16^4, 8^3, 4^2, 2^4\})$	8589934592
16	$\mathcal{O}(2; \{16^4, 8^3, 4^4, 2\})$	34359738368
16	$\mathcal{O}(2; \{16^4, 8^5, 4, 2^2\})$	68719476736
16	$\mathcal{O}(2; \{16^4, 8^7\})$	549755813888
16	$\mathcal{O}(2; \{16^6, 4, 2^7\})$	4294967296
16	$\mathcal{O}(2; \{16^6, 4^3, 2^4\})$	17179869184
16	$\mathcal{O}(2; \{16^6, 4^5, 2\})$	68719476736
16	$\mathcal{O}(2; \{16^6, 8^2, 2^5\})$	34359738368
16	$\mathcal{O}(2; \{16^6, 8^2, 4^2, 2^2\})$	137438953472
16	$\mathcal{O}(2; \{16^6, 8^4, 4\})$	1099511627776
16	$\mathcal{O}(2; \{16^8, 8, 2^3\})$	549755813888
16	$\mathcal{O}(2; \{16^8, 8, 4^2\})$	2199023255552
16	$\mathcal{O}(2; \{16^{10}, 2\})$	8796093022208
16	$\mathcal{O}(1; \{16^2, 2^{20}\})$	2048
16	$\mathcal{O}(1; \{16^2, 4^2, 2^{17}\})$	8192
16	$\mathcal{O}(1; \{16^2, 4^4, 2^{14}\})$	32768
16	$\mathcal{O}(1; \{16^2, 4^6, 2^{11}\})$	131072
16	$\mathcal{O}(1; \{16^2, 4^8, 2^8\})$	524288
16	$\mathcal{O}(1; \{16^2, 4^{10}, 2^5\})$	2097152
16	$\mathcal{O}(1; \{16^2, 4^{12}, 2^2\})$	8388608
16	$\mathcal{O}(1; \{16^2, 8^2, 4, 2^{15}\})$	65536
16	$\mathcal{O}(1; \{16^2, 8^2, 4^3, 2^{12}\})$	262144
16	$\mathcal{O}(1; \{16^2, 8^2, 4^5, 2^9\})$	1048576
16	$\mathcal{O}(1; \{16^2, 8^2, 4^7, 2^6\})$	4194304
16	$\mathcal{O}(1; \{16^2, 8^2, 4^9, 2^3\})$	16777216
16	$\mathcal{O}(1; \{16^2, 8^2, 4^{11}\})$	67108864
16	$\mathcal{O}(1; \{16^2, 8^4, 2^{13}\})$	524288
16	$\mathcal{O}(1; \{16^2, 8^4, 4^2, 2^{10}\})$	2097152
16	$\mathcal{O}(1; \{16^2, 8^4, 4^4, 2^7\})$	8388608
16	$\mathcal{O}(1; \{16^2, 8^4, 4^6, 2^4\})$	33554432
16	$\mathcal{O}(1; \{16^2, 8^4, 4^8, 2\})$	134217728
16	$\mathcal{O}(1; \{16^2, 8^6, 4, 2^8\})$	16777216
16	$\mathcal{O}(1; \{16^2, 8^6, 4^3, 2^5\})$	67108864

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(1; \{16^2, 8^6, 4^5, 2^2\})$	268435456
16	$\mathcal{O}(1; \{16^2, 8^8, 2^6\})$	134217728
16	$\mathcal{O}(1; \{16^2, 8^8, 4^2, 2^3\})$	536870912
16	$\mathcal{O}(1; \{16^2, 8^8, 4^4\})$	2147483648
16	$\mathcal{O}(1; \{16^2, 8^{10}, 4, 2\})$	4294967296
16	$\mathcal{O}(1; \{16^4, 8, 4, 2^{13}\})$	1048576
16	$\mathcal{O}(1; \{16^4, 8, 4^3, 2^{10}\})$	4194304
16	$\mathcal{O}(1; \{16^4, 8, 4^5, 2^7\})$	16777216
16	$\mathcal{O}(1; \{16^4, 8, 4^7, 2^4\})$	67108864
16	$\mathcal{O}(1; \{16^4, 8, 4^9, 2\})$	268435456
16	$\mathcal{O}(1; \{16^4, 8^3, 2^{11}\})$	8388608
16	$\mathcal{O}(1; \{16^4, 8^3, 4^2, 2^8\})$	33554432
16	$\mathcal{O}(1; \{16^4, 8^3, 4^4, 2^5\})$	134217728
16	$\mathcal{O}(1; \{16^4, 8^3, 4^6, 2^2\})$	536870912
16	$\mathcal{O}(1; \{16^4, 8^5, 4, 2^6\})$	268435456
16	$\mathcal{O}(1; \{16^4, 8^5, 4^3, 2^3\})$	1073741824
16	$\mathcal{O}(1; \{16^4, 8^5, 4^5\})$	4294967296
16	$\mathcal{O}(1; \{16^4, 8^7, 2^4\})$	2147483648
16	$\mathcal{O}(1; \{16^4, 8^7, 4^2, 2\})$	8589934592
16	$\mathcal{O}(1; \{16^6, 4, 2^{11}\})$	16777216
16	$\mathcal{O}(1; \{16^6, 4^3, 2^8\})$	67108864
16	$\mathcal{O}(1; \{16^6, 4^5, 2^5\})$	268435456
16	$\mathcal{O}(1; \{16^6, 4^7, 2^2\})$	1073741824
16	$\mathcal{O}(1; \{16^6, 8^2, 2^9\})$	134217728
16	$\mathcal{O}(1; \{16^6, 8^2, 4^2, 2^6\})$	536870912
16	$\mathcal{O}(1; \{16^6, 8^2, 4^4, 2^3\})$	2147483648
16	$\mathcal{O}(1; \{16^6, 8^2, 4^6\})$	8589934592
16	$\mathcal{O}(1; \{16^6, 8^4, 4, 2^4\})$	4294967296
16	$\mathcal{O}(1; \{16^6, 8^4, 4^3, 2\})$	17179869184
16	$\mathcal{O}(1; \{16^6, 8^6, 2^2\})$	34359738368
16	$\mathcal{O}(1; \{16^8, 8, 2^7\})$	2147483648
16	$\mathcal{O}(1; \{16^8, 8, 4^2, 2^4\})$	8589934592
16	$\mathcal{O}(1; \{16^8, 8, 4^4, 2\})$	34359738368
16	$\mathcal{O}(1; \{16^8, 8^3, 4, 2^2\})$	68719476736
16	$\mathcal{O}(1; \{16^8, 8^5\})$	549755813888
16	$\mathcal{O}(1; \{16^{10}, 2^5\})$	34359738368
16	$\mathcal{O}(1; \{16^{10}, 4^2, 2^2\})$	137438953472
16	$\mathcal{O}(1; \{16^{10}, 8^2, 4\})$	1099511627776
16	$\mathcal{O}(0; \{16^2, 2^{24}\})$	8
16	$\mathcal{O}(0; \{16^2, 4^2, 2^{21}\})$	32
16	$\mathcal{O}(0; \{16^2, 4^4, 2^{18}\})$	128
16	$\mathcal{O}(0; \{16^2, 4^6, 2^{15}\})$	512
16	$\mathcal{O}(0; \{16^2, 4^8, 2^{12}\})$	2048

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{16^2, 4^{10}, 2^9\})$	8192
16	$\mathcal{O}(0; \{16^2, 4^{12}, 2^6\})$	32768
16	$\mathcal{O}(0; \{16^2, 4^{14}, 2^3\})$	131072
16	$\mathcal{O}(0; \{16^2, 4^{16}\})$	524288
16	$\mathcal{O}(0; \{16^2, 8^2, 4, 2^{19}\})$	256
16	$\mathcal{O}(0; \{16^2, 8^2, 4^3, 2^{16}\})$	1024
16	$\mathcal{O}(0; \{16^2, 8^2, 4^5, 2^{13}\})$	4096
16	$\mathcal{O}(0; \{16^2, 8^2, 4^7, 2^{10}\})$	16384
16	$\mathcal{O}(0; \{16^2, 8^2, 4^9, 2^7\})$	65536
16	$\mathcal{O}(0; \{16^2, 8^2, 4^{11}, 2^4\})$	262144
16	$\mathcal{O}(0; \{16^2, 8^2, 4^{13}, 2\})$	1048576
16	$\mathcal{O}(0; \{16^2, 8^4, 2^{17}\})$	2048
16	$\mathcal{O}(0; \{16^2, 8^4, 4^2, 2^{14}\})$	8192
16	$\mathcal{O}(0; \{16^2, 8^4, 4^4, 2^{11}\})$	32768
16	$\mathcal{O}(0; \{16^2, 8^4, 4^6, 2^8\})$	131072
16	$\mathcal{O}(0; \{16^2, 8^4, 4^8, 2^5\})$	524288
16	$\mathcal{O}(0; \{16^2, 8^4, 4^{10}, 2^2\})$	2097152
16	$\mathcal{O}(0; \{16^2, 8^6, 4, 2^{12}\})$	65536
16	$\mathcal{O}(0; \{16^2, 8^6, 4^3, 2^9\})$	262144
16	$\mathcal{O}(0; \{16^2, 8^6, 4^5, 2^6\})$	1048576
16	$\mathcal{O}(0; \{16^2, 8^6, 4^7, 2^3\})$	4194304
16	$\mathcal{O}(0; \{16^2, 8^6, 4^9\})$	16777216
16	$\mathcal{O}(0; \{16^2, 8^8, 2^{10}\})$	524288
16	$\mathcal{O}(0; \{16^2, 8^8, 4^2, 2^7\})$	2097152
16	$\mathcal{O}(0; \{16^2, 8^8, 4^4, 2^4\})$	8388608
16	$\mathcal{O}(0; \{16^2, 8^8, 4^6, 2\})$	33554432
16	$\mathcal{O}(0; \{16^2, 8^{10}, 4, 2^5\})$	16777216
16	$\mathcal{O}(0; \{16^2, 8^{10}, 4^3, 2^2\})$	67108864
16	$\mathcal{O}(0; \{16^2, 8^{12}, 2^3\})$	134217728
16	$\mathcal{O}(0; \{16^2, 8^{12}, 4^2\})$	536870912
16	$\mathcal{O}(0; \{16^4, 8, 4, 2^{17}\})$	4096
16	$\mathcal{O}(0; \{16^4, 8, 4^3, 2^{14}\})$	16384
16	$\mathcal{O}(0; \{16^4, 8, 4^5, 2^{11}\})$	65536
16	$\mathcal{O}(0; \{16^4, 8, 4^7, 2^8\})$	262144
16	$\mathcal{O}(0; \{16^4, 8, 4^9, 2^5\})$	1048576
16	$\mathcal{O}(0; \{16^4, 8, 4^{11}, 2^2\})$	4194304
16	$\mathcal{O}(0; \{16^4, 8^3, 2^{15}\})$	32768
16	$\mathcal{O}(0; \{16^4, 8^3, 4^2, 2^{12}\})$	131072
16	$\mathcal{O}(0; \{16^4, 8^3, 4^4, 2^9\})$	524288
16	$\mathcal{O}(0; \{16^4, 8^3, 4^6, 2^6\})$	2097152
16	$\mathcal{O}(0; \{16^4, 8^3, 4^8, 2^3\})$	8388608
16	$\mathcal{O}(0; \{16^4, 8^3, 4^{10}\})$	33554432
16	$\mathcal{O}(0; \{16^4, 8^5, 4, 2^{10}\})$	1048576

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{16^4, 8^5, 4^3, 2^7\})$	4194304
16	$\mathcal{O}(0; \{16^4, 8^5, 4^5, 2^4\})$	16777216
16	$\mathcal{O}(0; \{16^4, 8^5, 4^7, 2\})$	67108864
16	$\mathcal{O}(0; \{16^4, 8^7, 2^8\})$	8388608
16	$\mathcal{O}(0; \{16^4, 8^7, 4^2, 2^5\})$	33554432
16	$\mathcal{O}(0; \{16^4, 8^7, 4^4, 2^2\})$	134217728
16	$\mathcal{O}(0; \{16^4, 8^9, 4, 2^3\})$	268435456
16	$\mathcal{O}(0; \{16^4, 8^9, 4^3\})$	1073741824
16	$\mathcal{O}(0; \{16^4, 8^{11}, 2\})$	2147483648
16	$\mathcal{O}(0; \{16^6, 4, 2^{15}\})$	65536
16	$\mathcal{O}(0; \{16^6, 4^3, 2^{12}\})$	262144
16	$\mathcal{O}(0; \{16^6, 4^5, 2^9\})$	1048576
16	$\mathcal{O}(0; \{16^6, 4^7, 2^6\})$	4194304
16	$\mathcal{O}(0; \{16^6, 4^9, 2^3\})$	16777216
16	$\mathcal{O}(0; \{16^6, 4^{11}\})$	67108864
16	$\mathcal{O}(0; \{16^6, 8^2, 2^{13}\})$	524288
16	$\mathcal{O}(0; \{16^6, 8^2, 4^2, 2^{10}\})$	2097152
16	$\mathcal{O}(0; \{16^6, 8^2, 4^4, 2^7\})$	8388608
16	$\mathcal{O}(0; \{16^6, 8^2, 4^6, 2^4\})$	33554432
16	$\mathcal{O}(0; \{16^6, 8^2, 4^8, 2\})$	134217728
16	$\mathcal{O}(0; \{16^6, 8^4, 4, 2^8\})$	16777216
16	$\mathcal{O}(0; \{16^6, 8^4, 4^3, 2^5\})$	67108864
16	$\mathcal{O}(0; \{16^6, 8^4, 4^5, 2^2\})$	268435456
16	$\mathcal{O}(0; \{16^6, 8^6, 2^6\})$	134217728
16	$\mathcal{O}(0; \{16^6, 8^6, 4^2, 2^3\})$	536870912
16	$\mathcal{O}(0; \{16^6, 8^6, 4^4\})$	2147483648
16	$\mathcal{O}(0; \{16^6, 8^8, 4, 2\})$	4294967296
16	$\mathcal{O}(0; \{16^8, 8, 2^{11}\})$	8388608
16	$\mathcal{O}(0; \{16^8, 8, 4^2, 2^8\})$	33554432
16	$\mathcal{O}(0; \{16^8, 8, 4^4, 2^5\})$	134217728
16	$\mathcal{O}(0; \{16^8, 8, 4^6, 2^2\})$	536870912
16	$\mathcal{O}(0; \{16^8, 8^3, 4, 2^6\})$	268435456
16	$\mathcal{O}(0; \{16^8, 8^3, 4^3, 2^3\})$	1073741824
16	$\mathcal{O}(0; \{16^8, 8^3, 4^5\})$	4294967296
16	$\mathcal{O}(0; \{16^8, 8^5, 2^4\})$	2147483648
16	$\mathcal{O}(0; \{16^8, 8^5, 4^2, 2\})$	8589934592
16	$\mathcal{O}(0; \{16^{10}, 2^9\})$	134217728
16	$\mathcal{O}(0; \{16^{10}, 4^2, 2^6\})$	536870912
16	$\mathcal{O}(0; \{16^{10}, 4^4, 2^3\})$	2147483648
16	$\mathcal{O}(0; \{16^{10}, 4^6\})$	8589934592
16	$\mathcal{O}(0; \{16^{10}, 8^2, 4, 2^4\})$	4294967296
16	$\mathcal{O}(0; \{16^{10}, 8^2, 4^3, 2\})$	17179869184
16	$\mathcal{O}(0; \{16^{10}, 8^4, 2^2\})$	34359738368

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{16^{12}, 8, 4, 2^2\})$	68719476736
16	$\mathcal{O}(0; \{16^{12}, 8^3\})$	549755813888
16	$\mathcal{O}(0; \{16^{14}, 4\})$	1099511627776
17	$\mathcal{O}(0; \{17^{14}\})$	4238682002231056
18	$\mathcal{O}(5; \{18^2, 3\})$	42845606719488
18	$\mathcal{O}(4; \{9^4, 2^2\})$	1785233613312
18	$\mathcal{O}(4; \{18, 9^2, 3^2, 2\})$	793437161472
18	$\mathcal{O}(4; \{18, 9^2, 6, 2^2\})$	396718580736
18	$\mathcal{O}(4; \{18^2, 3, 2^4\})$	132239526912
18	$\mathcal{O}(4; \{18^2, 3^4\})$	1057916215296
18	$\mathcal{O}(4; \{18^2, 6, 3^2, 2\})$	528958107648
18	$\mathcal{O}(4; \{18^2, 6^2, 2^2\})$	264479053824
18	$\mathcal{O}(4; \{18^2, 9^3\})$	8926168066560
18	$\mathcal{O}(4; \{18^3, 9, 6\})$	3570467226624
18	$\mathcal{O}(3; \{9^4, 2^6\})$	5509980288
18	$\mathcal{O}(3; \{9^4, 3^3, 2^2\})$	44079842304
18	$\mathcal{O}(3; \{9^4, 6, 3, 2^3\})$	22039921152
18	$\mathcal{O}(3; \{9^4, 6^2, 3^2\})$	88159684608
18	$\mathcal{O}(3; \{9^4, 6^3, 2\})$	44079842304
18	$\mathcal{O}(3; \{18, 9^2, 3^2, 2^5\})$	2448880128
18	$\mathcal{O}(3; \{18, 9^2, 3^5, 2\})$	19591041024
18	$\mathcal{O}(3; \{18, 9^2, 6, 2^6\})$	1224440064
18	$\mathcal{O}(3; \{18, 9^2, 6, 3^3, 2^2\})$	9795520512
18	$\mathcal{O}(3; \{18, 9^2, 6^2, 3, 2^3\})$	4897760256
18	$\mathcal{O}(3; \{18, 9^2, 6^3, 3^2\})$	19591041024
18	$\mathcal{O}(3; \{18, 9^2, 6^4, 2\})$	9795520512
18	$\mathcal{O}(3; \{18, 9^5, 3, 2\})$	363658699008
18	$\mathcal{O}(3; \{18^2, 3, 2^8\})$	408146688
18	$\mathcal{O}(3; \{18^2, 3^4, 2^4\})$	3265173504
18	$\mathcal{O}(3; \{18^2, 3^7\})$	26121388032
18	$\mathcal{O}(3; \{18^2, 6, 3^2, 2^5\})$	1632586752
18	$\mathcal{O}(3; \{18^2, 6, 3^5, 2\})$	13060694016
18	$\mathcal{O}(3; \{18^2, 6^2, 2^6\})$	816293376
18	$\mathcal{O}(3; \{18^2, 6^2, 3^3, 2^2\})$	6530347008
18	$\mathcal{O}(3; \{18^2, 6^3, 3, 2^3\})$	3265173504
18	$\mathcal{O}(3; \{18^2, 6^4, 3^2\})$	13060694016
18	$\mathcal{O}(3; \{18^2, 6^5, 2\})$	6530347008
18	$\mathcal{O}(3; \{18^2, 9^3, 2^4\})$	27549901440
18	$\mathcal{O}(3; \{18^2, 9^3, 3^3\})$	220399211520
18	$\mathcal{O}(3; \{18^2, 9^3, 6, 3, 2\})$	110199605760
18	$\mathcal{O}(3; \{18^3, 9, 3^2, 2^3\})$	22039921152
18	$\mathcal{O}(3; \{18^3, 9, 6, 2^4\})$	11019960576
18	$\mathcal{O}(3; \{18^3, 9, 6, 3^3\})$	88159684608

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(3; \{18^3, 9, 6^2, 3, 2\})$	44079842304
18	$\mathcal{O}(3; \{18^4, 9^2, 2^2\})$	181829349504
18	$\mathcal{O}(3; \{18^5, 3^2, 2\})$	110199605760
18	$\mathcal{O}(3; \{18^5, 6, 2^2\})$	55099802880
18	$\mathcal{O}(3; \{18^6, 9\})$	1041386274432
18	$\mathcal{O}(2; \{9^4, 2^{10}\})$	17006112
18	$\mathcal{O}(2; \{9^4, 3^3, 2^6\})$	136048896
18	$\mathcal{O}(2; \{9^4, 3^6, 2^2\})$	1088391168
18	$\mathcal{O}(2; \{9^4, 6, 3, 2^7\})$	68024448
18	$\mathcal{O}(2; \{9^4, 6, 3^4, 2^3\})$	544195584
18	$\mathcal{O}(2; \{9^4, 6^2, 3^2, 2^4\})$	272097792
18	$\mathcal{O}(2; \{9^4, 6^2, 3^5\})$	2176782336
18	$\mathcal{O}(2; \{9^4, 6^3, 2^5\})$	136048896
18	$\mathcal{O}(2; \{9^4, 6^3, 3^3, 2\})$	1088391168
18	$\mathcal{O}(2; \{9^4, 6^4, 3, 2^2\})$	544195584
18	$\mathcal{O}(2; \{9^4, 6^6\})$	1088391168
18	$\mathcal{O}(2; \{9^7, 3^2, 2^2\})$	12856620672
18	$\mathcal{O}(2; \{9^7, 6, 2^3\})$	6428310336
18	$\mathcal{O}(2; \{9^7, 6^2, 3\})$	25713241344
18	$\mathcal{O}(2; \{18, 9^2, 3^2, 2^9\})$	7558272
18	$\mathcal{O}(2; \{18, 9^2, 3^5, 2^5\})$	60466176
18	$\mathcal{O}(2; \{18, 9^2, 3^8, 2\})$	483729408
18	$\mathcal{O}(2; \{18, 9^2, 6, 2^{10}\})$	3779136
18	$\mathcal{O}(2; \{18, 9^2, 6, 3^3, 2^6\})$	30233088
18	$\mathcal{O}(2; \{18, 9^2, 6, 3^6, 2^2\})$	241864704
18	$\mathcal{O}(2; \{18, 9^2, 6^2, 3, 2^7\})$	15116544
18	$\mathcal{O}(2; \{18, 9^2, 6^2, 3^4, 2^3\})$	120932352
18	$\mathcal{O}(2; \{18, 9^2, 6^3, 3^2, 2^4\})$	60466176
18	$\mathcal{O}(2; \{18, 9^2, 6^3, 3^5\})$	483729408
18	$\mathcal{O}(2; \{18, 9^2, 6^4, 2^5\})$	30233088
18	$\mathcal{O}(2; \{18, 9^2, 6^4, 3^3, 2\})$	241864704
18	$\mathcal{O}(2; \{18, 9^2, 6^5, 3, 2^2\})$	120932352
18	$\mathcal{O}(2; \{18, 9^2, 6^7\})$	241864704
18	$\mathcal{O}(2; \{18, 9^5, 3, 2^5\})$	1122403392
18	$\mathcal{O}(2; \{18, 9^5, 3^4, 2\})$	8979227136
18	$\mathcal{O}(2; \{18, 9^5, 6, 3^2, 2^2\})$	4489613568
18	$\mathcal{O}(2; \{18, 9^5, 6^2, 2^3\})$	2244806784
18	$\mathcal{O}(2; \{18, 9^5, 6^3, 3\})$	8979227136
18	$\mathcal{O}(2; \{18, 9^8, 2\})$	117087081120
18	$\mathcal{O}(2; \{18^2, 3, 2^{12}\})$	1259712
18	$\mathcal{O}(2; \{18^2, 3^4, 2^8\})$	10077696
18	$\mathcal{O}(2; \{18^2, 3^7, 2^4\})$	80621568
18	$\mathcal{O}(2; \{18^2, 3^{10}\})$	644972544

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(2; \{18^2, 6, 3^2, 2^9\})$	5038848
18	$\mathcal{O}(2; \{18^2, 6, 3^5, 2^5\})$	40310784
18	$\mathcal{O}(2; \{18^2, 6, 3^8, 2\})$	322486272
18	$\mathcal{O}(2; \{18^2, 6^2, 2^{10}\})$	2519424
18	$\mathcal{O}(2; \{18^2, 6^2, 3^3, 2^6\})$	20155392
18	$\mathcal{O}(2; \{18^2, 6^2, 3^6, 2^2\})$	161243136
18	$\mathcal{O}(2; \{18^2, 6^3, 3, 2^7\})$	10077696
18	$\mathcal{O}(2; \{18^2, 6^3, 3^4, 2^3\})$	80621568
18	$\mathcal{O}(2; \{18^2, 6^4, 3^2, 2^4\})$	40310784
18	$\mathcal{O}(2; \{18^2, 6^4, 3^5\})$	322486272
18	$\mathcal{O}(2; \{18^2, 6^5, 2^5\})$	20155392
18	$\mathcal{O}(2; \{18^2, 6^5, 3^3, 2\})$	161243136
18	$\mathcal{O}(2; \{18^2, 6^6, 3, 2^2\})$	80621568
18	$\mathcal{O}(2; \{18^2, 6^8\})$	161243136
18	$\mathcal{O}(2; \{18^2, 9^3, 2^8\})$	85030560
18	$\mathcal{O}(2; \{18^2, 9^3, 3^3, 2^4\})$	680244480
18	$\mathcal{O}(2; \{18^2, 9^3, 3^6\})$	5441955840
18	$\mathcal{O}(2; \{18^2, 9^3, 6, 3, 2^5\})$	340122240
18	$\mathcal{O}(2; \{18^2, 9^3, 6, 3^4, 2\})$	2720977920
18	$\mathcal{O}(2; \{18^2, 9^3, 6^2, 3^2, 2^2\})$	1360488960
18	$\mathcal{O}(2; \{18^2, 9^3, 6^3, 2^3\})$	680244480
18	$\mathcal{O}(2; \{18^2, 9^3, 6^4, 3\})$	2720977920
18	$\mathcal{O}(2; \{18^2, 9^6, 3^2\})$	78976384128
18	$\mathcal{O}(2; \{18^2, 9^6, 6, 2\})$	39488192064
18	$\mathcal{O}(2; \{18^3, 9, 3^2, 2^7\})$	68024448
18	$\mathcal{O}(2; \{18^3, 9, 3^5, 2^3\})$	544195584
18	$\mathcal{O}(2; \{18^3, 9, 6, 2^8\})$	34012224
18	$\mathcal{O}(2; \{18^3, 9, 6, 3^3, 2^4\})$	272097792
18	$\mathcal{O}(2; \{18^3, 9, 6, 3^6\})$	2176782336
18	$\mathcal{O}(2; \{18^3, 9, 6^2, 3, 2^5\})$	136048896
18	$\mathcal{O}(2; \{18^3, 9, 6^2, 3^4, 2\})$	1088391168
18	$\mathcal{O}(2; \{18^3, 9, 6^3, 3^2, 2^2\})$	544195584
18	$\mathcal{O}(2; \{18^3, 9, 6^4, 2^3\})$	272097792
18	$\mathcal{O}(2; \{18^3, 9, 6^5, 3\})$	1088391168
18	$\mathcal{O}(2; \{18^3, 9^4, 3, 2^3\})$	6428310336
18	$\mathcal{O}(2; \{18^3, 9^4, 6, 3^2\})$	25713241344
18	$\mathcal{O}(2; \{18^3, 9^4, 6^2, 2\})$	12856620672
18	$\mathcal{O}(2; \{18^4, 9^2, 2^6\})$	561201696
18	$\mathcal{O}(2; \{18^4, 9^2, 3^3, 2^2\})$	4489613568
18	$\mathcal{O}(2; \{18^4, 9^2, 6, 3, 2^3\})$	2244806784
18	$\mathcal{O}(2; \{18^4, 9^2, 6^2, 3^2\})$	8979227136
18	$\mathcal{O}(2; \{18^4, 9^2, 6^3, 2\})$	4489613568
18	$\mathcal{O}(2; \{18^5, 3^2, 2^5\})$	340122240

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(2; \{18^5, 3^5, 2\})$	2720977920
18	$\mathcal{O}(2; \{18^5, 6, 2^6\})$	170061120
18	$\mathcal{O}(2; \{18^5, 6, 3^3, 2^2\})$	1360488960
18	$\mathcal{O}(2; \{18^5, 6^2, 3, 2^3\})$	680244480
18	$\mathcal{O}(2; \{18^5, 6^3, 3^2\})$	2720977920
18	$\mathcal{O}(2; \{18^5, 6^4, 2\})$	1360488960
18	$\mathcal{O}(2; \{18^5, 9^3, 3, 2\})$	39488192064
18	$\mathcal{O}(2; \{18^6, 9, 2^4\})$	3214155168
18	$\mathcal{O}(2; \{18^6, 9, 3^3\})$	25713241344
18	$\mathcal{O}(2; \{18^6, 9, 6, 3, 2\})$	12856620672
18	$\mathcal{O}(2; \{18^8, 2^2\})$	19744096032
18	$\mathcal{O}(1; \{9^4, 2^{14}\})$	52488
18	$\mathcal{O}(1; \{9^4, 3^3, 2^{10}\})$	419904
18	$\mathcal{O}(1; \{9^4, 3^6, 2^6\})$	3359232
18	$\mathcal{O}(1; \{9^4, 3^9, 2^2\})$	26873856
18	$\mathcal{O}(1; \{9^4, 6, 3, 2^{11}\})$	209952
18	$\mathcal{O}(1; \{9^4, 6, 3^4, 2^7\})$	1679616
18	$\mathcal{O}(1; \{9^4, 6, 3^7, 2^3\})$	13436928
18	$\mathcal{O}(1; \{9^4, 6^2, 3^2, 2^8\})$	839808
18	$\mathcal{O}(1; \{9^4, 6^2, 3^5, 2^4\})$	6718464
18	$\mathcal{O}(1; \{9^4, 6^2, 3^8\})$	53747712
18	$\mathcal{O}(1; \{9^4, 6^3, 2^9\})$	419904
18	$\mathcal{O}(1; \{9^4, 6^3, 3^3, 2^5\})$	3359232
18	$\mathcal{O}(1; \{9^4, 6^3, 3^6, 2\})$	26873856
18	$\mathcal{O}(1; \{9^4, 6^4, 3, 2^6\})$	1679616
18	$\mathcal{O}(1; \{9^4, 6^4, 3^4, 2^2\})$	13436928
18	$\mathcal{O}(1; \{9^4, 6^5, 3^2, 2^3\})$	6718464
18	$\mathcal{O}(1; \{9^4, 6^6, 2^4\})$	3359232
18	$\mathcal{O}(1; \{9^4, 6^6, 3^3\})$	26873856
18	$\mathcal{O}(1; \{9^4, 6^7, 3, 2\})$	13436928
18	$\mathcal{O}(1; \{9^7, 3^2, 2^6\})$	39680928
18	$\mathcal{O}(1; \{9^7, 3^5, 2^2\})$	317447424
18	$\mathcal{O}(1; \{9^7, 6, 2^7\})$	19840464
18	$\mathcal{O}(1; \{9^7, 6, 3^3, 2^3\})$	158723712
18	$\mathcal{O}(1; \{9^7, 6^2, 3, 2^4\})$	79361856
18	$\mathcal{O}(1; \{9^7, 6^2, 3^4\})$	634894848
18	$\mathcal{O}(1; \{9^7, 6^3, 3^2, 2\})$	317447424
18	$\mathcal{O}(1; \{9^7, 6^4, 2^2\})$	158723712
18	$\mathcal{O}(1; \{9^{10}, 3, 2^2\})$	4362067728
18	$\mathcal{O}(1; \{9^{10}, 6^2\})$	8724135456
18	$\mathcal{O}(1; \{18, 9^2, 3^2, 2^{13}\})$	23328
18	$\mathcal{O}(1; \{18, 9^2, 3^5, 2^9\})$	186624
18	$\mathcal{O}(1; \{18, 9^2, 3^8, 2^5\})$	1492992

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18, 9^2, 3^{11}, 2\})$	11943936
18	$\mathcal{O}(1; \{18, 9^2, 6, 2^{14}\})$	11664
18	$\mathcal{O}(1; \{18, 9^2, 6, 3^3, 2^{10}\})$	93312
18	$\mathcal{O}(1; \{18, 9^2, 6, 3^6, 2^6\})$	746496
18	$\mathcal{O}(1; \{18, 9^2, 6, 3^9, 2^2\})$	5971968
18	$\mathcal{O}(1; \{18, 9^2, 6^2, 3, 2^{11}\})$	46656
18	$\mathcal{O}(1; \{18, 9^2, 6^2, 3^4, 2^7\})$	373248
18	$\mathcal{O}(1; \{18, 9^2, 6^2, 3^7, 2^3\})$	2985984
18	$\mathcal{O}(1; \{18, 9^2, 6^3, 3^2, 2^8\})$	186624
18	$\mathcal{O}(1; \{18, 9^2, 6^3, 3^5, 2^4\})$	1492992
18	$\mathcal{O}(1; \{18, 9^2, 6^3, 3^8\})$	11943936
18	$\mathcal{O}(1; \{18, 9^2, 6^4, 2^9\})$	93312
18	$\mathcal{O}(1; \{18, 9^2, 6^4, 3^3, 2^5\})$	746496
18	$\mathcal{O}(1; \{18, 9^2, 6^4, 3^6, 2\})$	5971968
18	$\mathcal{O}(1; \{18, 9^2, 6^5, 3, 2^6\})$	373248
18	$\mathcal{O}(1; \{18, 9^2, 6^5, 3^4, 2^2\})$	2985984
18	$\mathcal{O}(1; \{18, 9^2, 6^6, 3^2, 2^3\})$	1492992
18	$\mathcal{O}(1; \{18, 9^2, 6^7, 2^4\})$	746496
18	$\mathcal{O}(1; \{18, 9^2, 6^7, 3^3\})$	5971968
18	$\mathcal{O}(1; \{18, 9^2, 6^8, 3, 2\})$	2985984
18	$\mathcal{O}(1; \{18, 9^5, 3, 2^9\})$	3464208
18	$\mathcal{O}(1; \{18, 9^5, 3^4, 2^5\})$	27713664
18	$\mathcal{O}(1; \{18, 9^5, 3^7, 2\})$	221709312
18	$\mathcal{O}(1; \{18, 9^5, 6, 3^2, 2^6\})$	13856832
18	$\mathcal{O}(1; \{18, 9^5, 6, 3^5, 2^2\})$	110854656
18	$\mathcal{O}(1; \{18, 9^5, 6^2, 2^7\})$	6928416
18	$\mathcal{O}(1; \{18, 9^5, 6^2, 3^3, 2^3\})$	55427328
18	$\mathcal{O}(1; \{18, 9^5, 6^3, 3, 2^4\})$	27713664
18	$\mathcal{O}(1; \{18, 9^5, 6^3, 3^4\})$	221709312
18	$\mathcal{O}(1; \{18, 9^5, 6^4, 3^2, 2\})$	110854656
18	$\mathcal{O}(1; \{18, 9^5, 6^5, 2^2\})$	55427328
18	$\mathcal{O}(1; \{18, 9^8, 2^5\})$	361379880
18	$\mathcal{O}(1; \{18, 9^8, 3^3, 2\})$	2891039040
18	$\mathcal{O}(1; \{18, 9^8, 6, 3, 2^2\})$	1445519520
18	$\mathcal{O}(1; \{18, 9^8, 6^3\})$	2891039040
18	$\mathcal{O}(1; \{18^2, 3, 2^{16}\})$	3888
18	$\mathcal{O}(1; \{18^2, 3^4, 2^{12}\})$	31104
18	$\mathcal{O}(1; \{18^2, 3^7, 2^8\})$	248832
18	$\mathcal{O}(1; \{18^2, 3^{10}, 2^4\})$	1990656
18	$\mathcal{O}(1; \{18^2, 3^{13}\})$	15925248
18	$\mathcal{O}(1; \{18^2, 6, 3^2, 2^{13}\})$	15552
18	$\mathcal{O}(1; \{18^2, 6, 3^5, 2^9\})$	124416
18	$\mathcal{O}(1; \{18^2, 6, 3^8, 2^5\})$	995328

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18^2, 6, 3^{11}, 2\})$	7962624
18	$\mathcal{O}(1; \{18^2, 6^2, 2^{14}\})$	7776
18	$\mathcal{O}(1; \{18^2, 6^2, 3^3, 2^{10}\})$	62208
18	$\mathcal{O}(1; \{18^2, 6^2, 3^6, 2^6\})$	497664
18	$\mathcal{O}(1; \{18^2, 6^2, 3^9, 2^2\})$	3981312
18	$\mathcal{O}(1; \{18^2, 6^3, 3, 2^{11}\})$	31104
18	$\mathcal{O}(1; \{18^2, 6^3, 3^4, 2^7\})$	248832
18	$\mathcal{O}(1; \{18^2, 6^3, 3^7, 2^3\})$	1990656
18	$\mathcal{O}(1; \{18^2, 6^4, 3^2, 2^8\})$	124416
18	$\mathcal{O}(1; \{18^2, 6^4, 3^5, 2^4\})$	995328
18	$\mathcal{O}(1; \{18^2, 6^4, 3^8\})$	7962624
18	$\mathcal{O}(1; \{18^2, 6^5, 2^9\})$	62208
18	$\mathcal{O}(1; \{18^2, 6^5, 3^3, 2^5\})$	497664
18	$\mathcal{O}(1; \{18^2, 6^5, 3^6, 2\})$	3981312
18	$\mathcal{O}(1; \{18^2, 6^6, 3, 2^6\})$	248832
18	$\mathcal{O}(1; \{18^2, 6^6, 3^4, 2^2\})$	1990656
18	$\mathcal{O}(1; \{18^2, 6^7, 3^2, 2^3\})$	995328
18	$\mathcal{O}(1; \{18^2, 6^8, 2^4\})$	497664
18	$\mathcal{O}(1; \{18^2, 6^8, 3^3\})$	3981312
18	$\mathcal{O}(1; \{18^2, 6^9, 3, 2\})$	1990656
18	$\mathcal{O}(1; \{18^2, 9^3, 2^{12}\})$	262440
18	$\mathcal{O}(1; \{18^2, 9^3, 3^3, 2^8\})$	2099520
18	$\mathcal{O}(1; \{18^2, 9^3, 3^6, 2^4\})$	16796160
18	$\mathcal{O}(1; \{18^2, 9^3, 3^9\})$	134369280
18	$\mathcal{O}(1; \{18^2, 9^3, 6, 3, 2^9\})$	1049760
18	$\mathcal{O}(1; \{18^2, 9^3, 6, 3^4, 2^5\})$	8398080
18	$\mathcal{O}(1; \{18^2, 9^3, 6, 3^7, 2\})$	67184640
18	$\mathcal{O}(1; \{18^2, 9^3, 6^2, 3^2, 2^6\})$	4199040
18	$\mathcal{O}(1; \{18^2, 9^3, 6^2, 3^5, 2^2\})$	33592320
18	$\mathcal{O}(1; \{18^2, 9^3, 6^3, 2^7\})$	2099520
18	$\mathcal{O}(1; \{18^2, 9^3, 6^3, 3^3, 2^3\})$	16796160
18	$\mathcal{O}(1; \{18^2, 9^3, 6^4, 3, 2^4\})$	8398080
18	$\mathcal{O}(1; \{18^2, 9^3, 6^4, 3^4\})$	67184640
18	$\mathcal{O}(1; \{18^2, 9^3, 6^5, 3^2, 2\})$	33592320
18	$\mathcal{O}(1; \{18^2, 9^3, 6^6, 2^2\})$	16796160
18	$\mathcal{O}(1; \{18^2, 9^6, 3^2, 2^4\})$	243754272
18	$\mathcal{O}(1; \{18^2, 9^6, 3^5\})$	1950034176
18	$\mathcal{O}(1; \{18^2, 9^6, 6, 2^5\})$	121877136
18	$\mathcal{O}(1; \{18^2, 9^6, 6, 3^3, 2\})$	975017088
18	$\mathcal{O}(1; \{18^2, 9^6, 6^2, 3, 2^2\})$	487508544
18	$\mathcal{O}(1; \{18^2, 9^6, 6^4\})$	975017088
18	$\mathcal{O}(1; \{18^2, 9^9, 3\})$	26095878864
18	$\mathcal{O}(1; \{18^3, 9, 3^2, 2^{11}\})$	209952

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18^3, 9, 3^5, 2^7\})$	1679616
18	$\mathcal{O}(1; \{18^3, 9, 3^8, 2^3\})$	13436928
18	$\mathcal{O}(1; \{18^3, 9, 6, 2^{12}\})$	104976
18	$\mathcal{O}(1; \{18^3, 9, 6, 3^3, 2^8\})$	839808
18	$\mathcal{O}(1; \{18^3, 9, 6, 3^6, 2^4\})$	6718464
18	$\mathcal{O}(1; \{18^3, 9, 6, 3^9\})$	53747712
18	$\mathcal{O}(1; \{18^3, 9, 6^2, 3, 2^9\})$	419904
18	$\mathcal{O}(1; \{18^3, 9, 6^2, 3^4, 2^5\})$	3359232
18	$\mathcal{O}(1; \{18^3, 9, 6^2, 3^7, 2\})$	26873856
18	$\mathcal{O}(1; \{18^3, 9, 6^3, 3^2, 2^6\})$	1679616
18	$\mathcal{O}(1; \{18^3, 9, 6^3, 3^5, 2^2\})$	13436928
18	$\mathcal{O}(1; \{18^3, 9, 6^4, 2^7\})$	839808
18	$\mathcal{O}(1; \{18^3, 9, 6^4, 3^3, 2^3\})$	6718464
18	$\mathcal{O}(1; \{18^3, 9, 6^5, 3, 2^4\})$	3359232
18	$\mathcal{O}(1; \{18^3, 9, 6^5, 3^4\})$	26873856
18	$\mathcal{O}(1; \{18^3, 9, 6^6, 3^2, 2\})$	13436928
18	$\mathcal{O}(1; \{18^3, 9, 6^7, 2^2\})$	6718464
18	$\mathcal{O}(1; \{18^3, 9^4, 3, 2^7\})$	19840464
18	$\mathcal{O}(1; \{18^3, 9^4, 3^4, 2^3\})$	158723712
18	$\mathcal{O}(1; \{18^3, 9^4, 6, 3^2, 2^4\})$	79361856
18	$\mathcal{O}(1; \{18^3, 9^4, 6, 3^5\})$	634894848
18	$\mathcal{O}(1; \{18^3, 9^4, 6^2, 2^5\})$	39680928
18	$\mathcal{O}(1; \{18^3, 9^4, 6^2, 3^3, 2\})$	317447424
18	$\mathcal{O}(1; \{18^3, 9^4, 6^3, 3, 2^2\})$	158723712
18	$\mathcal{O}(1; \{18^3, 9^4, 6^5\})$	317447424
18	$\mathcal{O}(1; \{18^3, 9^7, 2^3\})$	2181033864
18	$\mathcal{O}(1; \{18^3, 9^7, 6, 3\})$	8724135456
18	$\mathcal{O}(1; \{18^4, 9^2, 2^{10}\})$	1732104
18	$\mathcal{O}(1; \{18^4, 9^2, 3^3, 2^6\})$	13856832
18	$\mathcal{O}(1; \{18^4, 9^2, 3^6, 2^2\})$	110854656
18	$\mathcal{O}(1; \{18^4, 9^2, 6, 3, 2^7\})$	6928416
18	$\mathcal{O}(1; \{18^4, 9^2, 6, 3^4, 2^3\})$	55427328
18	$\mathcal{O}(1; \{18^4, 9^2, 6^2, 3^2, 2^4\})$	27713664
18	$\mathcal{O}(1; \{18^4, 9^2, 6^2, 3^5\})$	221709312
18	$\mathcal{O}(1; \{18^4, 9^2, 6^3, 2^5\})$	13856832
18	$\mathcal{O}(1; \{18^4, 9^2, 6^3, 3^3, 2\})$	110854656
18	$\mathcal{O}(1; \{18^4, 9^2, 6^4, 3, 2^2\})$	55427328
18	$\mathcal{O}(1; \{18^4, 9^2, 6^6\})$	110854656
18	$\mathcal{O}(1; \{18^4, 9^5, 3^2, 2^2\})$	1445519520
18	$\mathcal{O}(1; \{18^4, 9^5, 6, 2^3\})$	722759760
18	$\mathcal{O}(1; \{18^4, 9^5, 6^2, 3\})$	2891039040
18	$\mathcal{O}(1; \{18^5, 3^2, 2^9\})$	1049760
18	$\mathcal{O}(1; \{18^5, 3^5, 2^5\})$	8398080

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18^5, 3^8, 2\})$	67184640
18	$\mathcal{O}(1; \{18^5, 6, 2^{10}\})$	524880
18	$\mathcal{O}(1; \{18^5, 6, 3^3, 2^6\})$	4199040
18	$\mathcal{O}(1; \{18^5, 6, 3^6, 2^2\})$	33592320
18	$\mathcal{O}(1; \{18^5, 6^2, 3, 2^7\})$	2099520
18	$\mathcal{O}(1; \{18^5, 6^2, 3^4, 2^3\})$	16796160
18	$\mathcal{O}(1; \{18^5, 6^3, 3^2, 2^4\})$	8398080
18	$\mathcal{O}(1; \{18^5, 6^3, 3^5\})$	67184640
18	$\mathcal{O}(1; \{18^5, 6^4, 2^5\})$	4199040
18	$\mathcal{O}(1; \{18^5, 6^4, 3^3, 2\})$	33592320
18	$\mathcal{O}(1; \{18^5, 6^5, 3, 2^2\})$	16796160
18	$\mathcal{O}(1; \{18^5, 6^7\})$	33592320
18	$\mathcal{O}(1; \{18^5, 9^3, 3, 2^5\})$	121877136
18	$\mathcal{O}(1; \{18^5, 9^3, 3^4, 2\})$	975017088
18	$\mathcal{O}(1; \{18^5, 9^3, 6, 3^2, 2^2\})$	487508544
18	$\mathcal{O}(1; \{18^5, 9^3, 6^2, 2^3\})$	243754272
18	$\mathcal{O}(1; \{18^5, 9^3, 6^3, 3\})$	975017088
18	$\mathcal{O}(1; \{18^5, 9^6, 2\})$	13047939432
18	$\mathcal{O}(1; \{18^6, 9, 2^8\})$	9920232
18	$\mathcal{O}(1; \{18^6, 9, 3^3, 2^4\})$	79361856
18	$\mathcal{O}(1; \{18^6, 9, 3^6\})$	634894848
18	$\mathcal{O}(1; \{18^6, 9, 6, 3, 2^5\})$	39680928
18	$\mathcal{O}(1; \{18^6, 9, 6, 3^4, 2\})$	317447424
18	$\mathcal{O}(1; \{18^6, 9, 6^2, 3^2, 2^2\})$	158723712
18	$\mathcal{O}(1; \{18^6, 9, 6^3, 2^3\})$	79361856
18	$\mathcal{O}(1; \{18^6, 9, 6^4, 3\})$	317447424
18	$\mathcal{O}(1; \{18^6, 9^4, 3^2\})$	8724135456
18	$\mathcal{O}(1; \{18^6, 9^4, 6, 2\})$	4362067728
18	$\mathcal{O}(1; \{18^7, 9^2, 3, 2^3\})$	722759760
18	$\mathcal{O}(1; \{18^7, 9^2, 6, 3^2\})$	2891039040
18	$\mathcal{O}(1; \{18^7, 9^2, 6^2, 2\})$	1445519520
18	$\mathcal{O}(1; \{18^8, 2^6\})$	60938568
18	$\mathcal{O}(1; \{18^8, 3^3, 2^2\})$	487508544
18	$\mathcal{O}(1; \{18^8, 6, 3, 2^3\})$	243754272
18	$\mathcal{O}(1; \{18^8, 6^2, 3^2\})$	975017088
18	$\mathcal{O}(1; \{18^8, 6^3, 2\})$	487508544
18	$\mathcal{O}(1; \{18^9, 9, 3, 2\})$	4362067728
18	$\mathcal{O}(0; \{9^4, 2^{18}\})$	162
18	$\mathcal{O}(0; \{9^4, 3^3, 2^{14}\})$	1296
18	$\mathcal{O}(0; \{9^4, 3^6, 2^{10}\})$	10368
18	$\mathcal{O}(0; \{9^4, 3^9, 2^6\})$	82944
18	$\mathcal{O}(0; \{9^4, 3^{12}, 2^2\})$	663552
18	$\mathcal{O}(0; \{9^4, 6, 3, 2^{15}\})$	648

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{9^4, 6, 3^4, 2^{11}\})$	5184
18	$\mathcal{O}(0; \{9^4, 6, 3^7, 2^7\})$	41472
18	$\mathcal{O}(0; \{9^4, 6, 3^{10}, 2^3\})$	331776
18	$\mathcal{O}(0; \{9^4, 6^2, 3^2, 2^{12}\})$	2592
18	$\mathcal{O}(0; \{9^4, 6^2, 3^5, 2^8\})$	20736
18	$\mathcal{O}(0; \{9^4, 6^2, 3^8, 2^4\})$	165888
18	$\mathcal{O}(0; \{9^4, 6^2, 3^{11}\})$	1327104
18	$\mathcal{O}(0; \{9^4, 6^3, 2^{13}\})$	1296
18	$\mathcal{O}(0; \{9^4, 6^3, 3^3, 2^9\})$	10368
18	$\mathcal{O}(0; \{9^4, 6^3, 3^6, 2^5\})$	82944
18	$\mathcal{O}(0; \{9^4, 6^3, 3^9, 2\})$	663552
18	$\mathcal{O}(0; \{9^4, 6^4, 3, 2^{10}\})$	5184
18	$\mathcal{O}(0; \{9^4, 6^4, 3^4, 2^6\})$	41472
18	$\mathcal{O}(0; \{9^4, 6^4, 3^7, 2^2\})$	331776
18	$\mathcal{O}(0; \{9^4, 6^5, 3^2, 2^7\})$	20736
18	$\mathcal{O}(0; \{9^4, 6^5, 3^5, 2^3\})$	165888
18	$\mathcal{O}(0; \{9^4, 6^6, 2^8\})$	10368
18	$\mathcal{O}(0; \{9^4, 6^6, 3^3, 2^4\})$	82944
18	$\mathcal{O}(0; \{9^4, 6^6, 3^6\})$	663552
18	$\mathcal{O}(0; \{9^4, 6^7, 3, 2^5\})$	41472
18	$\mathcal{O}(0; \{9^4, 6^7, 3^4, 2\})$	331776
18	$\mathcal{O}(0; \{9^4, 6^8, 3^2, 2^2\})$	165888
18	$\mathcal{O}(0; \{9^4, 6^9, 2^3\})$	82944
18	$\mathcal{O}(0; \{9^4, 6^{10}, 3\})$	331776
18	$\mathcal{O}(0; \{9^7, 3^2, 2^{10}\})$	122472
18	$\mathcal{O}(0; \{9^7, 3^5, 2^6\})$	979776
18	$\mathcal{O}(0; \{9^7, 3^8, 2^2\})$	7838208
18	$\mathcal{O}(0; \{9^7, 6, 2^{11}\})$	61236
18	$\mathcal{O}(0; \{9^7, 6, 3^3, 2^7\})$	489888
18	$\mathcal{O}(0; \{9^7, 6, 3^6, 2^3\})$	3919104
18	$\mathcal{O}(0; \{9^7, 6^2, 3, 2^8\})$	244944
18	$\mathcal{O}(0; \{9^7, 6^2, 3^4, 2^4\})$	1959552
18	$\mathcal{O}(0; \{9^7, 6^2, 3^7\})$	15676416
18	$\mathcal{O}(0; \{9^7, 6^3, 3^2, 2^5\})$	979776
18	$\mathcal{O}(0; \{9^7, 6^3, 3^5, 2\})$	7838208
18	$\mathcal{O}(0; \{9^7, 6^4, 2^6\})$	489888
18	$\mathcal{O}(0; \{9^7, 6^4, 3^3, 2^2\})$	3919104
18	$\mathcal{O}(0; \{9^7, 6^5, 3, 2^3\})$	1959552
18	$\mathcal{O}(0; \{9^7, 6^6, 3^2\})$	7838208
18	$\mathcal{O}(0; \{9^7, 6^7, 2\})$	3919104
18	$\mathcal{O}(0; \{9^{10}, 3, 2^6\})$	13463172
18	$\mathcal{O}(0; \{9^{10}, 3^4, 2^2\})$	107705376
18	$\mathcal{O}(0; \{9^{10}, 6, 3^2, 2^3\})$	53852688

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{9^{10}, 6^2, 2^4\})$	26926344
18	$\mathcal{O}(0; \{9^{10}, 6^2, 3^3\})$	215410752
18	$\mathcal{O}(0; \{9^{10}, 6^3, 3, 2\})$	107705376
18	$\mathcal{O}(0; \{9^{13}, 2^2\})$	1450833930
18	$\mathcal{O}(0; \{18, 9^2, 3^2, 2^{17}\})$	72
18	$\mathcal{O}(0; \{18, 9^2, 3^5, 2^{13}\})$	576
18	$\mathcal{O}(0; \{18, 9^2, 3^8, 2^9\})$	4608
18	$\mathcal{O}(0; \{18, 9^2, 3^{11}, 2^5\})$	36864
18	$\mathcal{O}(0; \{18, 9^2, 3^{14}, 2\})$	294912
18	$\mathcal{O}(0; \{18, 9^2, 6, 2^{18}\})$	36
18	$\mathcal{O}(0; \{18, 9^2, 6, 3^3, 2^{14}\})$	288
18	$\mathcal{O}(0; \{18, 9^2, 6, 3^6, 2^{10}\})$	2304
18	$\mathcal{O}(0; \{18, 9^2, 6, 3^9, 2^6\})$	18432
18	$\mathcal{O}(0; \{18, 9^2, 6, 3^{12}, 2^2\})$	147456
18	$\mathcal{O}(0; \{18, 9^2, 6^2, 3, 2^{15}\})$	144
18	$\mathcal{O}(0; \{18, 9^2, 6^2, 3^4, 2^{11}\})$	1152
18	$\mathcal{O}(0; \{18, 9^2, 6^2, 3^7, 2^7\})$	9216
18	$\mathcal{O}(0; \{18, 9^2, 6^2, 3^{10}, 2^3\})$	73728
18	$\mathcal{O}(0; \{18, 9^2, 6^3, 3^2, 2^{12}\})$	576
18	$\mathcal{O}(0; \{18, 9^2, 6^3, 3^5, 2^8\})$	4608
18	$\mathcal{O}(0; \{18, 9^2, 6^3, 3^8, 2^4\})$	36864
18	$\mathcal{O}(0; \{18, 9^2, 6^3, 3^{11}\})$	294912
18	$\mathcal{O}(0; \{18, 9^2, 6^4, 2^{13}\})$	288
18	$\mathcal{O}(0; \{18, 9^2, 6^4, 3^3, 2^9\})$	2304
18	$\mathcal{O}(0; \{18, 9^2, 6^4, 3^6, 2^5\})$	18432
18	$\mathcal{O}(0; \{18, 9^2, 6^4, 3^9, 2\})$	147456
18	$\mathcal{O}(0; \{18, 9^2, 6^5, 3, 2^{10}\})$	1152
18	$\mathcal{O}(0; \{18, 9^2, 6^5, 3^4, 2^6\})$	9216
18	$\mathcal{O}(0; \{18, 9^2, 6^5, 3^7, 2^2\})$	73728
18	$\mathcal{O}(0; \{18, 9^2, 6^6, 3^2, 2^7\})$	4608
18	$\mathcal{O}(0; \{18, 9^2, 6^6, 3^5, 2^3\})$	36864
18	$\mathcal{O}(0; \{18, 9^2, 6^7, 2^8\})$	2304
18	$\mathcal{O}(0; \{18, 9^2, 6^7, 3^3, 2^4\})$	18432
18	$\mathcal{O}(0; \{18, 9^2, 6^7, 3^6\})$	147456
18	$\mathcal{O}(0; \{18, 9^2, 6^8, 3, 2^5\})$	9216
18	$\mathcal{O}(0; \{18, 9^2, 6^8, 3^4, 2\})$	73728
18	$\mathcal{O}(0; \{18, 9^2, 6^9, 3^2, 2^2\})$	36864
18	$\mathcal{O}(0; \{18, 9^2, 6^{10}, 2^3\})$	18432
18	$\mathcal{O}(0; \{18, 9^2, 6^{11}, 3\})$	73728
18	$\mathcal{O}(0; \{18, 9^5, 3, 2^{13}\})$	10692
18	$\mathcal{O}(0; \{18, 9^5, 3^4, 2^9\})$	85536
18	$\mathcal{O}(0; \{18, 9^5, 3^7, 2^5\})$	684288
18	$\mathcal{O}(0; \{18, 9^5, 3^{10}, 2\})$	5474304

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18, 9^5, 6, 3^2, 2^{10}\})$	42768
18	$\mathcal{O}(0; \{18, 9^5, 6, 3^5, 2^6\})$	342144
18	$\mathcal{O}(0; \{18, 9^5, 6, 3^8, 2^2\})$	2737152
18	$\mathcal{O}(0; \{18, 9^5, 6^2, 2^{11}\})$	21384
18	$\mathcal{O}(0; \{18, 9^5, 6^2, 3^3, 2^7\})$	171072
18	$\mathcal{O}(0; \{18, 9^5, 6^2, 3^6, 2^3\})$	1368576
18	$\mathcal{O}(0; \{18, 9^5, 6^3, 3, 2^8\})$	85536
18	$\mathcal{O}(0; \{18, 9^5, 6^3, 3^4, 2^4\})$	684288
18	$\mathcal{O}(0; \{18, 9^5, 6^3, 3^7\})$	5474304
18	$\mathcal{O}(0; \{18, 9^5, 6^4, 3^2, 2^5\})$	342144
18	$\mathcal{O}(0; \{18, 9^5, 6^4, 3^5, 2\})$	2737152
18	$\mathcal{O}(0; \{18, 9^5, 6^5, 2^6\})$	171072
18	$\mathcal{O}(0; \{18, 9^5, 6^5, 3^3, 2^2\})$	1368576
18	$\mathcal{O}(0; \{18, 9^5, 6^6, 3, 2^3\})$	684288
18	$\mathcal{O}(0; \{18, 9^5, 6^7, 3^2\})$	2737152
18	$\mathcal{O}(0; \{18, 9^5, 6^8, 2\})$	1368576
18	$\mathcal{O}(0; \{18, 9^8, 2^9\})$	1115370
18	$\mathcal{O}(0; \{18, 9^8, 3^3, 2^5\})$	8922960
18	$\mathcal{O}(0; \{18, 9^8, 3^6, 2\})$	71383680
18	$\mathcal{O}(0; \{18, 9^8, 6, 3, 2^6\})$	4461480
18	$\mathcal{O}(0; \{18, 9^8, 6, 3^4, 2^2\})$	35691840
18	$\mathcal{O}(0; \{18, 9^8, 6^2, 3^2, 2^3\})$	17845920
18	$\mathcal{O}(0; \{18, 9^8, 6^3, 2^4\})$	8922960
18	$\mathcal{O}(0; \{18, 9^8, 6^3, 3^3\})$	71383680
18	$\mathcal{O}(0; \{18, 9^8, 6^4, 3, 2\})$	35691840
18	$\mathcal{O}(0; \{18, 9^{11}, 3^2, 2\})$	967931208
18	$\mathcal{O}(0; \{18, 9^{11}, 6, 2^2\})$	483965604
18	$\mathcal{O}(0; \{18^2, 3, 2^{20}\})$	12
18	$\mathcal{O}(0; \{18^2, 3^4, 2^{16}\})$	96
18	$\mathcal{O}(0; \{18^2, 3^7, 2^{12}\})$	768
18	$\mathcal{O}(0; \{18^2, 3^{10}, 2^8\})$	6144
18	$\mathcal{O}(0; \{18^2, 3^{13}, 2^4\})$	49152
18	$\mathcal{O}(0; \{18^2, 3^{16}\})$	393216
18	$\mathcal{O}(0; \{18^2, 6, 3^2, 2^{17}\})$	48
18	$\mathcal{O}(0; \{18^2, 6, 3^5, 2^{13}\})$	384
18	$\mathcal{O}(0; \{18^2, 6, 3^8, 2^9\})$	3072
18	$\mathcal{O}(0; \{18^2, 6, 3^{11}, 2^5\})$	24576
18	$\mathcal{O}(0; \{18^2, 6, 3^{14}, 2\})$	196608
18	$\mathcal{O}(0; \{18^2, 6^2, 2^{18}\})$	24
18	$\mathcal{O}(0; \{18^2, 6^2, 3^3, 2^{14}\})$	192
18	$\mathcal{O}(0; \{18^2, 6^2, 3^6, 2^{10}\})$	1536
18	$\mathcal{O}(0; \{18^2, 6^2, 3^9, 2^6\})$	12288
18	$\mathcal{O}(0; \{18^2, 6^2, 3^{12}, 2^2\})$	98304

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^2, 6^3, 3, 2^{15}\})$	96
18	$\mathcal{O}(0; \{18^2, 6^3, 3^4, 2^{11}\})$	768
18	$\mathcal{O}(0; \{18^2, 6^3, 3^7, 2^7\})$	6144
18	$\mathcal{O}(0; \{18^2, 6^3, 3^{10}, 2^3\})$	49152
18	$\mathcal{O}(0; \{18^2, 6^4, 3^2, 2^{12}\})$	384
18	$\mathcal{O}(0; \{18^2, 6^4, 3^5, 2^8\})$	3072
18	$\mathcal{O}(0; \{18^2, 6^4, 3^8, 2^4\})$	24576
18	$\mathcal{O}(0; \{18^2, 6^4, 3^{11}\})$	196608
18	$\mathcal{O}(0; \{18^2, 6^5, 2^{13}\})$	192
18	$\mathcal{O}(0; \{18^2, 6^5, 3^3, 2^9\})$	1536
18	$\mathcal{O}(0; \{18^2, 6^5, 3^6, 2^5\})$	12288
18	$\mathcal{O}(0; \{18^2, 6^5, 3^9, 2\})$	98304
18	$\mathcal{O}(0; \{18^2, 6^6, 3, 2^{10}\})$	768
18	$\mathcal{O}(0; \{18^2, 6^6, 3^4, 2^6\})$	6144
18	$\mathcal{O}(0; \{18^2, 6^6, 3^7, 2^2\})$	49152
18	$\mathcal{O}(0; \{18^2, 6^7, 3^2, 2^7\})$	3072
18	$\mathcal{O}(0; \{18^2, 6^7, 3^5, 2^3\})$	24576
18	$\mathcal{O}(0; \{18^2, 6^8, 2^8\})$	1536
18	$\mathcal{O}(0; \{18^2, 6^8, 3^3, 2^4\})$	12288
18	$\mathcal{O}(0; \{18^2, 6^8, 3^6\})$	98304
18	$\mathcal{O}(0; \{18^2, 6^9, 3, 2^5\})$	6144
18	$\mathcal{O}(0; \{18^2, 6^9, 3^4, 2\})$	49152
18	$\mathcal{O}(0; \{18^2, 6^{10}, 3^2, 2^2\})$	24576
18	$\mathcal{O}(0; \{18^2, 6^{11}, 2^3\})$	12288
18	$\mathcal{O}(0; \{18^2, 6^{12}, 3\})$	49152
18	$\mathcal{O}(0; \{18^2, 9^3, 2^{16}\})$	810
18	$\mathcal{O}(0; \{18^2, 9^3, 3^3, 2^{12}\})$	6480
18	$\mathcal{O}(0; \{18^2, 9^3, 3^6, 2^8\})$	51840
18	$\mathcal{O}(0; \{18^2, 9^3, 3^9, 2^4\})$	414720
18	$\mathcal{O}(0; \{18^2, 9^3, 3^{12}\})$	3317760
18	$\mathcal{O}(0; \{18^2, 9^3, 6, 3, 2^{13}\})$	3240
18	$\mathcal{O}(0; \{18^2, 9^3, 6, 3^4, 2^9\})$	25920
18	$\mathcal{O}(0; \{18^2, 9^3, 6, 3^7, 2^5\})$	207360
18	$\mathcal{O}(0; \{18^2, 9^3, 6, 3^{10}, 2\})$	1658880
18	$\mathcal{O}(0; \{18^2, 9^3, 6^2, 3^2, 2^{10}\})$	12960
18	$\mathcal{O}(0; \{18^2, 9^3, 6^2, 3^5, 2^6\})$	103680
18	$\mathcal{O}(0; \{18^2, 9^3, 6^2, 3^8, 2^2\})$	829440
18	$\mathcal{O}(0; \{18^2, 9^3, 6^3, 2^{11}\})$	6480
18	$\mathcal{O}(0; \{18^2, 9^3, 6^3, 3^3, 2^7\})$	51840
18	$\mathcal{O}(0; \{18^2, 9^3, 6^3, 3^6, 2^3\})$	414720
18	$\mathcal{O}(0; \{18^2, 9^3, 6^4, 3, 2^8\})$	25920
18	$\mathcal{O}(0; \{18^2, 9^3, 6^4, 3^4, 2^4\})$	207360
18	$\mathcal{O}(0; \{18^2, 9^3, 6^4, 3^7\})$	1658880

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^2, 9^3, 6^5, 3^2, 2^5\})$	103680
18	$\mathcal{O}(0; \{18^2, 9^3, 6^5, 3^5, 2\})$	829440
18	$\mathcal{O}(0; \{18^2, 9^3, 6^6, 2^6\})$	51840
18	$\mathcal{O}(0; \{18^2, 9^3, 6^6, 3^3, 2^2\})$	414720
18	$\mathcal{O}(0; \{18^2, 9^3, 6^7, 3, 2^3\})$	207360
18	$\mathcal{O}(0; \{18^2, 9^3, 6^8, 3^2\})$	829440
18	$\mathcal{O}(0; \{18^2, 9^3, 6^9, 2\})$	414720
18	$\mathcal{O}(0; \{18^2, 9^6, 3^2, 2^8\})$	752328
18	$\mathcal{O}(0; \{18^2, 9^6, 3^5, 2^4\})$	6018624
18	$\mathcal{O}(0; \{18^2, 9^6, 3^8\})$	48148992
18	$\mathcal{O}(0; \{18^2, 9^6, 6, 2^9\})$	376164
18	$\mathcal{O}(0; \{18^2, 9^6, 6, 3^3, 2^5\})$	3009312
18	$\mathcal{O}(0; \{18^2, 9^6, 6, 3^6, 2\})$	24074496
18	$\mathcal{O}(0; \{18^2, 9^6, 6^2, 3, 2^6\})$	1504656
18	$\mathcal{O}(0; \{18^2, 9^6, 6^2, 3^4, 2^2\})$	12037248
18	$\mathcal{O}(0; \{18^2, 9^6, 6^3, 3^2, 2^3\})$	6018624
18	$\mathcal{O}(0; \{18^2, 9^6, 6^4, 2^4\})$	3009312
18	$\mathcal{O}(0; \{18^2, 9^6, 6^4, 3^3\})$	24074496
18	$\mathcal{O}(0; \{18^2, 9^6, 6^5, 3, 2\})$	12037248
18	$\mathcal{O}(0; \{18^2, 9^9, 3, 2^4\})$	80542836
18	$\mathcal{O}(0; \{18^2, 9^9, 3^4\})$	644342688
18	$\mathcal{O}(0; \{18^2, 9^9, 6, 3^2, 2\})$	322171344
18	$\mathcal{O}(0; \{18^2, 9^9, 6^2, 2^2\})$	161085672
18	$\mathcal{O}(0; \{18^2, 9^{12}\})$	8708192226
18	$\mathcal{O}(0; \{18^3, 9, 3^2, 2^{15}\})$	648
18	$\mathcal{O}(0; \{18^3, 9, 3^5, 2^{11}\})$	5184
18	$\mathcal{O}(0; \{18^3, 9, 3^8, 2^7\})$	41472
18	$\mathcal{O}(0; \{18^3, 9, 3^{11}, 2^3\})$	331776
18	$\mathcal{O}(0; \{18^3, 9, 6, 2^{16}\})$	324
18	$\mathcal{O}(0; \{18^3, 9, 6, 3^3, 2^{12}\})$	2592
18	$\mathcal{O}(0; \{18^3, 9, 6, 3^6, 2^8\})$	20736
18	$\mathcal{O}(0; \{18^3, 9, 6, 3^9, 2^4\})$	165888
18	$\mathcal{O}(0; \{18^3, 9, 6, 3^{12}\})$	1327104
18	$\mathcal{O}(0; \{18^3, 9, 6^2, 3, 2^{13}\})$	1296
18	$\mathcal{O}(0; \{18^3, 9, 6^2, 3^4, 2^9\})$	10368
18	$\mathcal{O}(0; \{18^3, 9, 6^2, 3^7, 2^5\})$	82944
18	$\mathcal{O}(0; \{18^3, 9, 6^2, 3^{10}, 2\})$	663552
18	$\mathcal{O}(0; \{18^3, 9, 6^3, 3^2, 2^{10}\})$	5184
18	$\mathcal{O}(0; \{18^3, 9, 6^3, 3^5, 2^6\})$	41472
18	$\mathcal{O}(0; \{18^3, 9, 6^3, 3^8, 2^2\})$	331776
18	$\mathcal{O}(0; \{18^3, 9, 6^4, 2^{11}\})$	2592
18	$\mathcal{O}(0; \{18^3, 9, 6^4, 3^3, 2^7\})$	20736
18	$\mathcal{O}(0; \{18^3, 9, 6^4, 3^6, 2^3\})$	165888

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^3, 9, 6^5, 3, 2^8\})$	10368
18	$\mathcal{O}(0; \{18^3, 9, 6^5, 3^4, 2^4\})$	82944
18	$\mathcal{O}(0; \{18^3, 9, 6^5, 3^7\})$	663552
18	$\mathcal{O}(0; \{18^3, 9, 6^6, 3^2, 2^5\})$	41472
18	$\mathcal{O}(0; \{18^3, 9, 6^6, 3^5, 2\})$	331776
18	$\mathcal{O}(0; \{18^3, 9, 6^7, 2^6\})$	20736
18	$\mathcal{O}(0; \{18^3, 9, 6^7, 3^3, 2^2\})$	165888
18	$\mathcal{O}(0; \{18^3, 9, 6^8, 3, 2^3\})$	82944
18	$\mathcal{O}(0; \{18^3, 9, 6^9, 3^2\})$	331776
18	$\mathcal{O}(0; \{18^3, 9, 6^{10}, 2\})$	165888
18	$\mathcal{O}(0; \{18^3, 9^4, 3, 2^{11}\})$	61236
18	$\mathcal{O}(0; \{18^3, 9^4, 3^4, 2^7\})$	489888
18	$\mathcal{O}(0; \{18^3, 9^4, 3^7, 2^3\})$	3919104
18	$\mathcal{O}(0; \{18^3, 9^4, 6, 3^2, 2^8\})$	244944
18	$\mathcal{O}(0; \{18^3, 9^4, 6, 3^5, 2^4\})$	1959552
18	$\mathcal{O}(0; \{18^3, 9^4, 6, 3^8\})$	15676416
18	$\mathcal{O}(0; \{18^3, 9^4, 6^2, 2^9\})$	122472
18	$\mathcal{O}(0; \{18^3, 9^4, 6^2, 3^3, 2^5\})$	979776
18	$\mathcal{O}(0; \{18^3, 9^4, 6^2, 3^6, 2\})$	7838208
18	$\mathcal{O}(0; \{18^3, 9^4, 6^3, 3, 2^6\})$	489888
18	$\mathcal{O}(0; \{18^3, 9^4, 6^3, 3^4, 2^2\})$	3919104
18	$\mathcal{O}(0; \{18^3, 9^4, 6^4, 3^2, 2^3\})$	1959552
18	$\mathcal{O}(0; \{18^3, 9^4, 6^5, 2^4\})$	979776
18	$\mathcal{O}(0; \{18^3, 9^4, 6^5, 3^3\})$	7838208
18	$\mathcal{O}(0; \{18^3, 9^4, 6^6, 3, 2\})$	3919104
18	$\mathcal{O}(0; \{18^3, 9^7, 2^7\})$	6731586
18	$\mathcal{O}(0; \{18^3, 9^7, 3^3, 2^3\})$	53852688
18	$\mathcal{O}(0; \{18^3, 9^7, 6, 3, 2^4\})$	26926344
18	$\mathcal{O}(0; \{18^3, 9^7, 6, 3^4\})$	215410752
18	$\mathcal{O}(0; \{18^3, 9^7, 6^2, 3^2, 2\})$	107705376
18	$\mathcal{O}(0; \{18^3, 9^7, 6^3, 2^2\})$	53852688
18	$\mathcal{O}(0; \{18^3, 9^{10}, 6\})$	2901667860
18	$\mathcal{O}(0; \{18^4, 9^2, 2^{14}\})$	5346
18	$\mathcal{O}(0; \{18^4, 9^2, 3^3, 2^{10}\})$	42768
18	$\mathcal{O}(0; \{18^4, 9^2, 3^6, 2^6\})$	342144
18	$\mathcal{O}(0; \{18^4, 9^2, 3^9, 2^2\})$	2737152
18	$\mathcal{O}(0; \{18^4, 9^2, 6, 3, 2^{11}\})$	21384
18	$\mathcal{O}(0; \{18^4, 9^2, 6, 3^4, 2^7\})$	171072
18	$\mathcal{O}(0; \{18^4, 9^2, 6, 3^7, 2^3\})$	1368576
18	$\mathcal{O}(0; \{18^4, 9^2, 6^2, 3^2, 2^8\})$	85536
18	$\mathcal{O}(0; \{18^4, 9^2, 6^2, 3^5, 2^4\})$	684288
18	$\mathcal{O}(0; \{18^4, 9^2, 6^2, 3^8\})$	5474304
18	$\mathcal{O}(0; \{18^4, 9^2, 6^3, 2^9\})$	42768

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^4, 9^2, 6^3, 3^3, 2^5\})$	342144
18	$\mathcal{O}(0; \{18^4, 9^2, 6^3, 3^6, 2\})$	2737152
18	$\mathcal{O}(0; \{18^4, 9^2, 6^4, 3, 2^6\})$	171072
18	$\mathcal{O}(0; \{18^4, 9^2, 6^4, 3^4, 2^2\})$	1368576
18	$\mathcal{O}(0; \{18^4, 9^2, 6^5, 3^2, 2^3\})$	684288
18	$\mathcal{O}(0; \{18^4, 9^2, 6^6, 2^4\})$	342144
18	$\mathcal{O}(0; \{18^4, 9^2, 6^6, 3^3\})$	2737152
18	$\mathcal{O}(0; \{18^4, 9^2, 6^7, 3, 2\})$	1368576
18	$\mathcal{O}(0; \{18^4, 9^5, 3^2, 2^6\})$	4461480
18	$\mathcal{O}(0; \{18^4, 9^5, 3^5, 2^2\})$	35691840
18	$\mathcal{O}(0; \{18^4, 9^5, 6, 2^7\})$	2230740
18	$\mathcal{O}(0; \{18^4, 9^5, 6, 3^3, 2^3\})$	17845920
18	$\mathcal{O}(0; \{18^4, 9^5, 6^2, 3, 2^4\})$	8922960
18	$\mathcal{O}(0; \{18^4, 9^5, 6^2, 3^4\})$	71383680
18	$\mathcal{O}(0; \{18^4, 9^5, 6^3, 3^2, 2\})$	35691840
18	$\mathcal{O}(0; \{18^4, 9^5, 6^4, 2^2\})$	17845920
18	$\mathcal{O}(0; \{18^4, 9^8, 3, 2^2\})$	483965604
18	$\mathcal{O}(0; \{18^4, 9^8, 6^2\})$	967931208
18	$\mathcal{O}(0; \{18^5, 3^2, 2^{13}\})$	3240
18	$\mathcal{O}(0; \{18^5, 3^5, 2^9\})$	25920
18	$\mathcal{O}(0; \{18^5, 3^8, 2^5\})$	207360
18	$\mathcal{O}(0; \{18^5, 3^{11}, 2\})$	1658880
18	$\mathcal{O}(0; \{18^5, 6, 2^{14}\})$	1620
18	$\mathcal{O}(0; \{18^5, 6, 3^3, 2^{10}\})$	12960
18	$\mathcal{O}(0; \{18^5, 6, 3^6, 2^6\})$	103680
18	$\mathcal{O}(0; \{18^5, 6, 3^9, 2^2\})$	829440
18	$\mathcal{O}(0; \{18^5, 6^2, 3, 2^{11}\})$	6480
18	$\mathcal{O}(0; \{18^5, 6^2, 3^4, 2^7\})$	51840
18	$\mathcal{O}(0; \{18^5, 6^2, 3^7, 2^3\})$	414720
18	$\mathcal{O}(0; \{18^5, 6^3, 3^2, 2^8\})$	25920
18	$\mathcal{O}(0; \{18^5, 6^3, 3^5, 2^4\})$	207360
18	$\mathcal{O}(0; \{18^5, 6^3, 3^8\})$	1658880
18	$\mathcal{O}(0; \{18^5, 6^4, 2^9\})$	12960
18	$\mathcal{O}(0; \{18^5, 6^4, 3^3, 2^5\})$	103680
18	$\mathcal{O}(0; \{18^5, 6^4, 3^6, 2\})$	829440
18	$\mathcal{O}(0; \{18^5, 6^5, 3, 2^6\})$	51840
18	$\mathcal{O}(0; \{18^5, 6^5, 3^4, 2^2\})$	414720
18	$\mathcal{O}(0; \{18^5, 6^6, 3^2, 2^3\})$	207360
18	$\mathcal{O}(0; \{18^5, 6^7, 2^4\})$	103680
18	$\mathcal{O}(0; \{18^5, 6^7, 3^3\})$	829440
18	$\mathcal{O}(0; \{18^5, 6^8, 3, 2\})$	414720
18	$\mathcal{O}(0; \{18^5, 9^3, 3, 2^9\})$	376164
18	$\mathcal{O}(0; \{18^5, 9^3, 3^4, 2^5\})$	3009312

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^5, 9^3, 3^7, 2\})$	24074496
18	$\mathcal{O}(0; \{18^5, 9^3, 6, 3^2, 2^6\})$	1504656
18	$\mathcal{O}(0; \{18^5, 9^3, 6, 3^5, 2^2\})$	12037248
18	$\mathcal{O}(0; \{18^5, 9^3, 6^2, 2^7\})$	752328
18	$\mathcal{O}(0; \{18^5, 9^3, 6^2, 3^3, 2^3\})$	6018624
18	$\mathcal{O}(0; \{18^5, 9^3, 6^3, 3, 2^4\})$	3009312
18	$\mathcal{O}(0; \{18^5, 9^3, 6^3, 3^4\})$	24074496
18	$\mathcal{O}(0; \{18^5, 9^3, 6^4, 3^2, 2\})$	12037248
18	$\mathcal{O}(0; \{18^5, 9^3, 6^5, 2^2\})$	6018624
18	$\mathcal{O}(0; \{18^5, 9^6, 2^5\})$	40271418
18	$\mathcal{O}(0; \{18^5, 9^6, 3^3, 2\})$	322171344
18	$\mathcal{O}(0; \{18^5, 9^6, 6, 3, 2^2\})$	161085672
18	$\mathcal{O}(0; \{18^5, 9^6, 6^3\})$	322171344
18	$\mathcal{O}(0; \{18^6, 9, 2^{12}\})$	30618
18	$\mathcal{O}(0; \{18^6, 9, 3^3, 2^8\})$	244944
18	$\mathcal{O}(0; \{18^6, 9, 3^6, 2^4\})$	1959552
18	$\mathcal{O}(0; \{18^6, 9, 3^9\})$	15676416
18	$\mathcal{O}(0; \{18^6, 9, 6, 3, 2^9\})$	122472
18	$\mathcal{O}(0; \{18^6, 9, 6, 3^4, 2^5\})$	979776
18	$\mathcal{O}(0; \{18^6, 9, 6, 3^7, 2\})$	7838208
18	$\mathcal{O}(0; \{18^6, 9, 6^2, 3^2, 2^6\})$	489888
18	$\mathcal{O}(0; \{18^6, 9, 6^2, 3^5, 2^2\})$	3919104
18	$\mathcal{O}(0; \{18^6, 9, 6^3, 2^7\})$	244944
18	$\mathcal{O}(0; \{18^6, 9, 6^3, 3^3, 2^3\})$	1959552
18	$\mathcal{O}(0; \{18^6, 9, 6^4, 3, 2^4\})$	979776
18	$\mathcal{O}(0; \{18^6, 9, 6^4, 3^4\})$	7838208
18	$\mathcal{O}(0; \{18^6, 9, 6^5, 3^2, 2\})$	3919104
18	$\mathcal{O}(0; \{18^6, 9, 6^6, 2^2\})$	1959552
18	$\mathcal{O}(0; \{18^6, 9^4, 3^2, 2^4\})$	26926344
18	$\mathcal{O}(0; \{18^6, 9^4, 3^5\})$	215410752
18	$\mathcal{O}(0; \{18^6, 9^4, 6, 2^5\})$	13463172
18	$\mathcal{O}(0; \{18^6, 9^4, 6, 3^3, 2\})$	107705376
18	$\mathcal{O}(0; \{18^6, 9^4, 6^2, 3, 2^2\})$	53852688
18	$\mathcal{O}(0; \{18^6, 9^4, 6^4\})$	107705376
18	$\mathcal{O}(0; \{18^6, 9^7, 3\})$	2901667860
18	$\mathcal{O}(0; \{18^7, 9^2, 3, 2^7\})$	2230740
18	$\mathcal{O}(0; \{18^7, 9^2, 3^4, 2^3\})$	17845920
18	$\mathcal{O}(0; \{18^7, 9^2, 6, 3^2, 2^4\})$	8922960
18	$\mathcal{O}(0; \{18^7, 9^2, 6, 3^5\})$	71383680
18	$\mathcal{O}(0; \{18^7, 9^2, 6^2, 2^5\})$	4461480
18	$\mathcal{O}(0; \{18^7, 9^2, 6^2, 3^3, 2\})$	35691840
18	$\mathcal{O}(0; \{18^7, 9^2, 6^3, 3, 2^2\})$	17845920
18	$\mathcal{O}(0; \{18^7, 9^2, 6^5\})$	35691840

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^7, 9^5, 2^3\})$	241982802
18	$\mathcal{O}(0; \{18^7, 9^5, 6, 3\})$	967931208
18	$\mathcal{O}(0; \{18^8, 2^{10}\})$	188082
18	$\mathcal{O}(0; \{18^8, 3^3, 2^6\})$	1504656
18	$\mathcal{O}(0; \{18^8, 3^6, 2^2\})$	12037248
18	$\mathcal{O}(0; \{18^8, 6, 3, 2^7\})$	752328
18	$\mathcal{O}(0; \{18^8, 6, 3^4, 2^3\})$	6018624
18	$\mathcal{O}(0; \{18^8, 6^2, 3^2, 2^4\})$	3009312
18	$\mathcal{O}(0; \{18^8, 6^2, 3^5\})$	24074496
18	$\mathcal{O}(0; \{18^8, 6^3, 2^5\})$	1504656
18	$\mathcal{O}(0; \{18^8, 6^3, 3^3, 2\})$	12037248
18	$\mathcal{O}(0; \{18^8, 6^4, 3, 2^2\})$	6018624
18	$\mathcal{O}(0; \{18^8, 6^6\})$	12037248
18	$\mathcal{O}(0; \{18^8, 9^3, 3^2, 2^2\})$	161085672
18	$\mathcal{O}(0; \{18^8, 9^3, 6, 2^3\})$	80542836
18	$\mathcal{O}(0; \{18^8, 9^3, 6^2, 3\})$	322171344
18	$\mathcal{O}(0; \{18^9, 9, 3, 2^5\})$	13463172
18	$\mathcal{O}(0; \{18^9, 9, 3^4, 2\})$	107705376
18	$\mathcal{O}(0; \{18^9, 9, 6, 3^2, 2^2\})$	53852688
18	$\mathcal{O}(0; \{18^9, 9, 6^2, 2^3\})$	26926344
18	$\mathcal{O}(0; \{18^9, 9, 6^3, 3\})$	107705376
18	$\mathcal{O}(0; \{18^9, 9^4, 2\})$	1450833930
18	$\mathcal{O}(0; \{18^{10}, 9^2, 3^2\})$	967931208
18	$\mathcal{O}(0; \{18^{10}, 9^2, 6, 2\})$	483965604
18	$\mathcal{O}(0; \{18^{11}, 3, 2^3\})$	80542836
18	$\mathcal{O}(0; \{18^{11}, 6, 3^2\})$	322171344
18	$\mathcal{O}(0; \{18^{11}, 6^2, 2\})$	161085672
19	$\mathcal{O}(6; \emptyset)$	2213314919066160
20	$\mathcal{O}(5; \{4^2\})$	20479997902848
20	$\mathcal{O}(4; \{4^2, 2^4\})$	51199868928
20	$\mathcal{O}(4; \{4^4, 2\})$	204799475712
20	$\mathcal{O}(4; \{20, 5, 4, 2^2\})$	204800000000
20	$\mathcal{O}(4; \{20, 10^2, 4\})$	614400000000
20	$\mathcal{O}(4; \{20^2, 5^2\})$	2662400000000
20	$\mathcal{O}(3; \{4^2, 2^8\})$	127991808
20	$\mathcal{O}(3; \{4^4, 2^5\})$	511967232
20	$\mathcal{O}(3; \{4^6, 2^2\})$	2047868928
20	$\mathcal{O}(3; \{5^5, 4^2\})$	26112000000
20	$\mathcal{O}(3; \{10, 5^2, 4^2, 2^3\})$	1536000000
20	$\mathcal{O}(3; \{10, 5^2, 4^4\})$	6144000000
20	$\mathcal{O}(3; \{10^3, 5, 4^2, 2\})$	6656000000
20	$\mathcal{O}(3; \{20, 5, 4, 2^6\})$	512000000
20	$\mathcal{O}(3; \{20, 5, 4^3, 2^3\})$	2048000000

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(3; \{20, 5, 4^5\})$	8192000000
20	$\mathcal{O}(3; \{20, 10, 5^3, 4, 2\})$	26112000000
20	$\mathcal{O}(3; \{20, 10^2, 4, 2^4\})$	1536000000
20	$\mathcal{O}(3; \{20, 10^2, 4^3, 2\})$	6144000000
20	$\mathcal{O}(3; \{20^2, 5^2, 2^4\})$	6656000000
20	$\mathcal{O}(3; \{20^2, 5^2, 4^2, 2\})$	26624000000
20	$\mathcal{O}(3; \{20^2, 10^2, 5, 2^2\})$	26112000000
20	$\mathcal{O}(3; \{20^2, 10^4\})$	104960000000
20	$\mathcal{O}(3; \{20^3, 10, 4, 2^2\})$	26624000000
20	$\mathcal{O}(3; \{20^4, 10, 5\})$	419840000000
20	$\mathcal{O}(3; \{20^5, 4\})$	417792000000
20	$\mathcal{O}(2; \{4^2, 2^{12}\})$	319488
20	$\mathcal{O}(2; \{4^4, 2^9\})$	1277952
20	$\mathcal{O}(2; \{4^6, 2^6\})$	5111808
20	$\mathcal{O}(2; \{4^8, 2^3\})$	20447232
20	$\mathcal{O}(2; \{4^{10}\})$	81788928
20	$\mathcal{O}(2; \{5^5, 4^2, 2^4\})$	65280000
20	$\mathcal{O}(2; \{5^5, 4^4, 2\})$	261120000
20	$\mathcal{O}(2; \{10, 5^2, 4^2, 2^7\})$	3840000
20	$\mathcal{O}(2; \{10, 5^2, 4^4, 2^4\})$	15360000
20	$\mathcal{O}(2; \{10, 5^2, 4^6, 2\})$	61440000
20	$\mathcal{O}(2; \{10^2, 5^4, 4^2, 2^2\})$	262400000
20	$\mathcal{O}(2; \{10^3, 5, 4^2, 2^5\})$	16640000
20	$\mathcal{O}(2; \{10^3, 5, 4^4, 2^2\})$	66560000
20	$\mathcal{O}(2; \{10^4, 5^3, 4^2\})$	1048320000
20	$\mathcal{O}(2; \{10^5, 4^2, 2^3\})$	65280000
20	$\mathcal{O}(2; \{10^5, 4^4\})$	261120000
20	$\mathcal{O}(2; \{20, 5, 4, 2^{10}\})$	1280000
20	$\mathcal{O}(2; \{20, 5, 4^3, 2^7\})$	5120000
20	$\mathcal{O}(2; \{20, 5, 4^5, 2^4\})$	20480000
20	$\mathcal{O}(2; \{20, 5, 4^7, 2\})$	81920000
20	$\mathcal{O}(2; \{20, 5^6, 4, 2^2\})$	1048320000
20	$\mathcal{O}(2; \{20, 10, 5^3, 4, 2^5\})$	65280000
20	$\mathcal{O}(2; \{20, 10, 5^3, 4^3, 2^2\})$	261120000
20	$\mathcal{O}(2; \{20, 10^2, 4, 2^8\})$	3840000
20	$\mathcal{O}(2; \{20, 10^2, 4^3, 2^5\})$	15360000
20	$\mathcal{O}(2; \{20, 10^2, 4^5, 2^2\})$	61440000
20	$\mathcal{O}(2; \{20, 10^2, 5^5, 4\})$	4194560000
20	$\mathcal{O}(2; \{20, 10^3, 5^2, 4, 2^3\})$	262400000
20	$\mathcal{O}(2; \{20, 10^3, 5^2, 4^3\})$	1049600000
20	$\mathcal{O}(2; \{20, 10^5, 5, 4, 2\})$	1048320000
20	$\mathcal{O}(2; \{20^2, 5^2, 2^8\})$	16640000
20	$\mathcal{O}(2; \{20^2, 5^2, 4^2, 2^5\})$	66560000

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(2; \{20^2, 5^2, 4^4, 2^2\})$	266240000
20	$\mathcal{O}(2; \{20^2, 5^7\})$	16776960000
20	$\mathcal{O}(2; \{20^2, 10, 5^4, 2^3\})$	1048320000
20	$\mathcal{O}(2; \{20^2, 10, 5^4, 4^2\})$	4193280000
20	$\mathcal{O}(2; \{20^2, 10^2, 5, 2^6\})$	65280000
20	$\mathcal{O}(2; \{20^2, 10^2, 5, 4^2, 2^3\})$	261120000
20	$\mathcal{O}(2; \{20^2, 10^2, 5, 4^4\})$	1044480000
20	$\mathcal{O}(2; \{20^2, 10^3, 5^3, 2\})$	4194560000
20	$\mathcal{O}(2; \{20^2, 10^4, 2^4\})$	262400000
20	$\mathcal{O}(2; \{20^2, 10^4, 4^2, 2\})$	1049600000
20	$\mathcal{O}(2; \{20^3, 5^3, 4, 2^3\})$	1049600000
20	$\mathcal{O}(2; \{20^3, 5^3, 4^3\})$	4198400000
20	$\mathcal{O}(2; \{20^3, 10, 4, 2^6\})$	66560000
20	$\mathcal{O}(2; \{20^3, 10, 4^3, 2^3\})$	266240000
20	$\mathcal{O}(2; \{20^3, 10, 4^5\})$	1064960000
20	$\mathcal{O}(2; \{20^3, 10^2, 5^2, 4, 2\})$	4193280000
20	$\mathcal{O}(2; \{20^4, 5^4, 2\})$	16778240000
20	$\mathcal{O}(2; \{20^4, 10, 5, 2^4\})$	1049600000
20	$\mathcal{O}(2; \{20^4, 10, 5, 4^2, 2\})$	4198400000
20	$\mathcal{O}(2; \{20^4, 10^3, 2^2\})$	4193280000
20	$\mathcal{O}(2; \{20^5, 4, 2^4\})$	1044480000
20	$\mathcal{O}(2; \{20^5, 4^3, 2\})$	4177920000
20	$\mathcal{O}(2; \{20^6, 5, 2^2\})$	16773120000
20	$\mathcal{O}(2; \{20^6, 10^2\})$	67112960000
20	$\mathcal{O}(1; \{4^2, 2^{16}\})$	768
20	$\mathcal{O}(1; \{4^4, 2^{13}\})$	3072
20	$\mathcal{O}(1; \{4^6, 2^{10}\})$	12288
20	$\mathcal{O}(1; \{4^8, 2^7\})$	49152
20	$\mathcal{O}(1; \{4^{10}, 2^4\})$	196608
20	$\mathcal{O}(1; \{4^{12}, 2\})$	786432
20	$\mathcal{O}(1; \{5^5, 4^2, 2^8\})$	163200
20	$\mathcal{O}(1; \{5^5, 4^4, 2^5\})$	652800
20	$\mathcal{O}(1; \{5^5, 4^6, 2^2\})$	2611200
20	$\mathcal{O}(1; \{5^{10}, 4^2\})$	167772800
20	$\mathcal{O}(1; \{10, 5^2, 4^2, 2^{11}\})$	9600
20	$\mathcal{O}(1; \{10, 5^2, 4^4, 2^8\})$	38400
20	$\mathcal{O}(1; \{10, 5^2, 4^6, 2^5\})$	153600
20	$\mathcal{O}(1; \{10, 5^2, 4^8, 2^2\})$	614400
20	$\mathcal{O}(1; \{10, 5^7, 4^2, 2^3\})$	10486400
20	$\mathcal{O}(1; \{10, 5^7, 4^4\})$	41945600
20	$\mathcal{O}(1; \{10^2, 5^4, 4^2, 2^6\})$	656000
20	$\mathcal{O}(1; \{10^2, 5^4, 4^4, 2^3\})$	2624000
20	$\mathcal{O}(1; \{10^2, 5^4, 4^6\})$	10496000

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{10^3, 5, 4^2, 2^9\})$	41600
20	$\mathcal{O}(1; \{10^3, 5, 4^4, 2^6\})$	166400
20	$\mathcal{O}(1; \{10^3, 5, 4^6, 2^3\})$	665600
20	$\mathcal{O}(1; \{10^3, 5, 4^8\})$	2662400
20	$\mathcal{O}(1; \{10^3, 5^6, 4^2, 2\})$	41942400
20	$\mathcal{O}(1; \{10^4, 5^3, 4^2, 2^4\})$	2620800
20	$\mathcal{O}(1; \{10^4, 5^3, 4^4, 2\})$	10483200
20	$\mathcal{O}(1; \{10^5, 4^2, 2^7\})$	163200
20	$\mathcal{O}(1; \{10^5, 4^4, 2^4\})$	652800
20	$\mathcal{O}(1; \{10^5, 4^6, 2\})$	2611200
20	$\mathcal{O}(1; \{10^6, 5^2, 4^2, 2^2\})$	10486400
20	$\mathcal{O}(1; \{10^8, 5, 4^2\})$	41942400
20	$\mathcal{O}(1; \{20, 5, 4, 2^{14}\})$	3200
20	$\mathcal{O}(1; \{20, 5, 4^3, 2^{11}\})$	12800
20	$\mathcal{O}(1; \{20, 5, 4^5, 2^8\})$	51200
20	$\mathcal{O}(1; \{20, 5, 4^7, 2^5\})$	204800
20	$\mathcal{O}(1; \{20, 5, 4^9, 2^2\})$	819200
20	$\mathcal{O}(1; \{20, 5^6, 4, 2^6\})$	2620800
20	$\mathcal{O}(1; \{20, 5^6, 4^3, 2^3\})$	10483200
20	$\mathcal{O}(1; \{20, 5^6, 4^5\})$	41932800
20	$\mathcal{O}(1; \{20, 10, 5^3, 4, 2^9\})$	163200
20	$\mathcal{O}(1; \{20, 10, 5^3, 4^3, 2^6\})$	652800
20	$\mathcal{O}(1; \{20, 10, 5^3, 4^5, 2^3\})$	2611200
20	$\mathcal{O}(1; \{20, 10, 5^3, 4^7\})$	10444800
20	$\mathcal{O}(1; \{20, 10, 5^8, 4, 2\})$	167772800
20	$\mathcal{O}(1; \{20, 10^2, 4, 2^{12}\})$	9600
20	$\mathcal{O}(1; \{20, 10^2, 4^3, 2^9\})$	38400
20	$\mathcal{O}(1; \{20, 10^2, 4^5, 2^6\})$	153600
20	$\mathcal{O}(1; \{20, 10^2, 4^7, 2^3\})$	614400
20	$\mathcal{O}(1; \{20, 10^2, 4^9\})$	2457600
20	$\mathcal{O}(1; \{20, 10^2, 5^5, 4, 2^4\})$	10486400
20	$\mathcal{O}(1; \{20, 10^2, 5^5, 4^3, 2\})$	41945600
20	$\mathcal{O}(1; \{20, 10^3, 5^2, 4, 2^7\})$	656000
20	$\mathcal{O}(1; \{20, 10^3, 5^2, 4^3, 2^4\})$	2624000
20	$\mathcal{O}(1; \{20, 10^3, 5^2, 4^5, 2\})$	10496000
20	$\mathcal{O}(1; \{20, 10^4, 5^4, 4, 2^2\})$	41942400
20	$\mathcal{O}(1; \{20, 10^5, 5, 4, 2^5\})$	2620800
20	$\mathcal{O}(1; \{20, 10^5, 5, 4^3, 2^2\})$	10483200
20	$\mathcal{O}(1; \{20, 10^6, 5^3, 4\})$	167772800
20	$\mathcal{O}(1; \{20, 10^7, 4, 2^3\})$	10486400
20	$\mathcal{O}(1; \{20, 10^7, 4^3\})$	41945600
20	$\mathcal{O}(1; \{20^2, 5^2, 2^{12}\})$	41600
20	$\mathcal{O}(1; \{20^2, 5^2, 4^2, 2^9\})$	166400

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{20^2, 5^2, 4^4, 2^6\})$	665600
20	$\mathcal{O}(1; \{20^2, 5^2, 4^6, 2^3\})$	2662400
20	$\mathcal{O}(1; \{20^2, 5^2, 4^8\})$	10649600
20	$\mathcal{O}(1; \{20^2, 5^7, 2^4\})$	41942400
20	$\mathcal{O}(1; \{20^2, 5^7, 4^2, 2\})$	167769600
20	$\mathcal{O}(1; \{20^2, 10, 5^4, 2^7\})$	2620800
20	$\mathcal{O}(1; \{20^2, 10, 5^4, 4^2, 2^4\})$	10483200
20	$\mathcal{O}(1; \{20^2, 10, 5^4, 4^4, 2\})$	41932800
20	$\mathcal{O}(1; \{20^2, 10^2, 5, 2^{10}\})$	163200
20	$\mathcal{O}(1; \{20^2, 10^2, 5, 4^2, 2^7\})$	652800
20	$\mathcal{O}(1; \{20^2, 10^2, 5, 4^4, 2^4\})$	2611200
20	$\mathcal{O}(1; \{20^2, 10^2, 5, 4^6, 2\})$	10444800
20	$\mathcal{O}(1; \{20^2, 10^2, 5^6, 2^2\})$	167772800
20	$\mathcal{O}(1; \{20^2, 10^3, 5^3, 2^5\})$	10486400
20	$\mathcal{O}(1; \{20^2, 10^3, 5^3, 4^2, 2^2\})$	41945600
20	$\mathcal{O}(1; \{20^2, 10^4, 2^8\})$	656000
20	$\mathcal{O}(1; \{20^2, 10^4, 4^2, 2^5\})$	2624000
20	$\mathcal{O}(1; \{20^2, 10^4, 4^4, 2^2\})$	10496000
20	$\mathcal{O}(1; \{20^2, 10^4, 5^5\})$	671088000
20	$\mathcal{O}(1; \{20^2, 10^5, 5^2, 2^3\})$	41942400
20	$\mathcal{O}(1; \{20^2, 10^5, 5^2, 4^2\})$	167769600
20	$\mathcal{O}(1; \{20^2, 10^7, 5, 2\})$	167772800
20	$\mathcal{O}(1; \{20^3, 5^3, 4, 2^7\})$	2624000
20	$\mathcal{O}(1; \{20^3, 5^3, 4^3, 2^4\})$	10496000
20	$\mathcal{O}(1; \{20^3, 5^3, 4^5, 2\})$	41984000
20	$\mathcal{O}(1; \{20^3, 10, 4, 2^{10}\})$	166400
20	$\mathcal{O}(1; \{20^3, 10, 4^3, 2^7\})$	665600
20	$\mathcal{O}(1; \{20^3, 10, 4^5, 2^4\})$	2662400
20	$\mathcal{O}(1; \{20^3, 10, 4^7, 2\})$	10649600
20	$\mathcal{O}(1; \{20^3, 10, 5^5, 4, 2^2\})$	167769600
20	$\mathcal{O}(1; \{20^3, 10^2, 5^2, 4, 2^5\})$	10483200
20	$\mathcal{O}(1; \{20^3, 10^2, 5^2, 4^3, 2^2\})$	41932800
20	$\mathcal{O}(1; \{20^3, 10^3, 5^4, 4\})$	671091200
20	$\mathcal{O}(1; \{20^3, 10^4, 5, 4, 2^3\})$	41945600
20	$\mathcal{O}(1; \{20^3, 10^4, 5, 4^3\})$	167782400
20	$\mathcal{O}(1; \{20^3, 10^6, 4, 2\})$	167769600
20	$\mathcal{O}(1; \{20^4, 5^4, 2^5\})$	41945600
20	$\mathcal{O}(1; \{20^4, 5^4, 4^2, 2^2\})$	167782400
20	$\mathcal{O}(1; \{20^4, 10, 5, 2^8\})$	2624000
20	$\mathcal{O}(1; \{20^4, 10, 5, 4^2, 2^5\})$	10496000
20	$\mathcal{O}(1; \{20^4, 10, 5, 4^4, 2^2\})$	41984000
20	$\mathcal{O}(1; \{20^4, 10, 5^6\})$	2684352000
20	$\mathcal{O}(1; \{20^4, 10^2, 5^3, 2^3\})$	167769600

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{20^4, 10^2, 5^3, 4^2\})$	671078400
20	$\mathcal{O}(1; \{20^4, 10^3, 2^6\})$	10483200
20	$\mathcal{O}(1; \{20^4, 10^3, 4^2, 2^3\})$	41932800
20	$\mathcal{O}(1; \{20^4, 10^3, 4^4\})$	167731200
20	$\mathcal{O}(1; \{20^4, 10^4, 5^2, 2\})$	671091200
20	$\mathcal{O}(1; \{20^5, 4, 2^8\})$	2611200
20	$\mathcal{O}(1; \{20^5, 4^3, 2^5\})$	10444800
20	$\mathcal{O}(1; \{20^5, 4^5, 2^2\})$	41779200
20	$\mathcal{O}(1; \{20^5, 5^5, 4\})$	2684364800
20	$\mathcal{O}(1; \{20^5, 10, 5^2, 4, 2^3\})$	167782400
20	$\mathcal{O}(1; \{20^5, 10, 5^2, 4^3\})$	671129600
20	$\mathcal{O}(1; \{20^5, 10^3, 5, 4, 2\})$	671078400
20	$\mathcal{O}(1; \{20^6, 5, 2^6\})$	41932800
20	$\mathcal{O}(1; \{20^6, 5, 4^2, 2^3\})$	167731200
20	$\mathcal{O}(1; \{20^6, 5, 4^4\})$	670924800
20	$\mathcal{O}(1; \{20^6, 10, 5^3, 2\})$	2684364800
20	$\mathcal{O}(1; \{20^6, 10^2, 2^4\})$	167782400
20	$\mathcal{O}(1; \{20^6, 10^2, 4^2, 2\})$	671129600
20	$\mathcal{O}(1; \{20^7, 5^2, 4, 2\})$	2684313600
20	$\mathcal{O}(1; \{20^8, 10, 2^2\})$	2684313600
20	$\mathcal{O}(1; \{20^{10}\})$	42949836800
20	$\mathcal{O}(0; \{5^5, 4^2, 2^{12}\})$	408
20	$\mathcal{O}(0; \{5^5, 4^4, 2^9\})$	1632
20	$\mathcal{O}(0; \{5^5, 4^6, 2^6\})$	6528
20	$\mathcal{O}(0; \{5^5, 4^8, 2^3\})$	26112
20	$\mathcal{O}(0; \{5^5, 4^{10}\})$	104448
20	$\mathcal{O}(0; \{5^{10}, 4^2, 2^4\})$	419432
20	$\mathcal{O}(0; \{5^{10}, 4^4, 2\})$	1677728
20	$\mathcal{O}(0; \{10, 5^2, 4^2, 2^{15}\})$	24
20	$\mathcal{O}(0; \{10, 5^2, 4^4, 2^{12}\})$	96
20	$\mathcal{O}(0; \{10, 5^2, 4^6, 2^9\})$	384
20	$\mathcal{O}(0; \{10, 5^2, 4^8, 2^6\})$	1536
20	$\mathcal{O}(0; \{10, 5^2, 4^{10}, 2^3\})$	6144
20	$\mathcal{O}(0; \{10, 5^2, 4^{12}\})$	24576
20	$\mathcal{O}(0; \{10, 5^7, 4^2, 2^7\})$	26216
20	$\mathcal{O}(0; \{10, 5^7, 4^4, 2^4\})$	104864
20	$\mathcal{O}(0; \{10, 5^7, 4^6, 2\})$	419456
20	$\mathcal{O}(0; \{10^2, 5^4, 4^2, 2^{10}\})$	1640
20	$\mathcal{O}(0; \{10^2, 5^4, 4^4, 2^7\})$	6560
20	$\mathcal{O}(0; \{10^2, 5^4, 4^6, 2^4\})$	26240
20	$\mathcal{O}(0; \{10^2, 5^4, 4^8, 2\})$	104960
20	$\mathcal{O}(0; \{10^2, 5^9, 4^2, 2^2\})$	1677720
20	$\mathcal{O}(0; \{10^3, 5, 4^2, 2^{13}\})$	104

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{10^3, 5, 4^4, 2^{10}\})$	416
20	$\mathcal{O}(0; \{10^3, 5, 4^6, 2^7\})$	1664
20	$\mathcal{O}(0; \{10^3, 5, 4^8, 2^4\})$	6656
20	$\mathcal{O}(0; \{10^3, 5, 4^{10}, 2\})$	26624
20	$\mathcal{O}(0; \{10^3, 5^6, 4^2, 2^5\})$	104856
20	$\mathcal{O}(0; \{10^3, 5^6, 4^4, 2^2\})$	419424
20	$\mathcal{O}(0; \{10^4, 5^3, 4^2, 2^8\})$	6552
20	$\mathcal{O}(0; \{10^4, 5^3, 4^4, 2^5\})$	26208
20	$\mathcal{O}(0; \{10^4, 5^3, 4^6, 2^2\})$	104832
20	$\mathcal{O}(0; \{10^4, 5^8, 4^2\})$	6710888
20	$\mathcal{O}(0; \{10^5, 4^2, 2^{11}\})$	408
20	$\mathcal{O}(0; \{10^5, 4^4, 2^8\})$	1632
20	$\mathcal{O}(0; \{10^5, 4^6, 2^5\})$	6528
20	$\mathcal{O}(0; \{10^5, 4^8, 2^2\})$	26112
20	$\mathcal{O}(0; \{10^5, 5^5, 4^2, 2^3\})$	419432
20	$\mathcal{O}(0; \{10^5, 5^5, 4^4\})$	1677728
20	$\mathcal{O}(0; \{10^6, 5^2, 4^2, 2^6\})$	26216
20	$\mathcal{O}(0; \{10^6, 5^2, 4^4, 2^3\})$	104864
20	$\mathcal{O}(0; \{10^6, 5^2, 4^6\})$	419456
20	$\mathcal{O}(0; \{10^7, 5^4, 4^2, 2\})$	1677720
20	$\mathcal{O}(0; \{10^8, 5, 4^2, 2^4\})$	104856
20	$\mathcal{O}(0; \{10^8, 5, 4^4, 2\})$	419424
20	$\mathcal{O}(0; \{10^{10}, 4^2, 2^2\})$	419432
20	$\mathcal{O}(0; \{20, 5, 4, 2^{18}\})$	8
20	$\mathcal{O}(0; \{20, 5, 4^3, 2^{15}\})$	32
20	$\mathcal{O}(0; \{20, 5, 4^5, 2^{12}\})$	128
20	$\mathcal{O}(0; \{20, 5, 4^7, 2^9\})$	512
20	$\mathcal{O}(0; \{20, 5, 4^9, 2^6\})$	2048
20	$\mathcal{O}(0; \{20, 5, 4^{11}, 2^3\})$	8192
20	$\mathcal{O}(0; \{20, 5, 4^{13}\})$	32768
20	$\mathcal{O}(0; \{20, 5^6, 4, 2^{10}\})$	6552
20	$\mathcal{O}(0; \{20, 5^6, 4^3, 2^7\})$	26208
20	$\mathcal{O}(0; \{20, 5^6, 4^5, 2^4\})$	104832
20	$\mathcal{O}(0; \{20, 5^6, 4^7, 2\})$	419328
20	$\mathcal{O}(0; \{20, 5^{11}, 4, 2^2\})$	6710888
20	$\mathcal{O}(0; \{20, 10, 5^3, 4, 2^{13}\})$	408
20	$\mathcal{O}(0; \{20, 10, 5^3, 4^3, 2^{10}\})$	1632
20	$\mathcal{O}(0; \{20, 10, 5^3, 4^5, 2^7\})$	6528
20	$\mathcal{O}(0; \{20, 10, 5^3, 4^7, 2^4\})$	26112
20	$\mathcal{O}(0; \{20, 10, 5^3, 4^9, 2\})$	104448
20	$\mathcal{O}(0; \{20, 10, 5^8, 4, 2^5\})$	419432
20	$\mathcal{O}(0; \{20, 10, 5^8, 4^3, 2^2\})$	1677728
20	$\mathcal{O}(0; \{20, 10^2, 4, 2^{16}\})$	24

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20, 10^2, 4^3, 2^{13}\})$	96
20	$\mathcal{O}(0; \{20, 10^2, 4^5, 2^{10}\})$	384
20	$\mathcal{O}(0; \{20, 10^2, 4^7, 2^7\})$	1536
20	$\mathcal{O}(0; \{20, 10^2, 4^9, 2^4\})$	6144
20	$\mathcal{O}(0; \{20, 10^2, 4^{11}, 2\})$	24576
20	$\mathcal{O}(0; \{20, 10^2, 5^5, 4, 2^8\})$	26216
20	$\mathcal{O}(0; \{20, 10^2, 5^5, 4^3, 2^5\})$	104864
20	$\mathcal{O}(0; \{20, 10^2, 5^5, 4^5, 2^2\})$	419456
20	$\mathcal{O}(0; \{20, 10^2, 5^{10}, 4\})$	26843544
20	$\mathcal{O}(0; \{20, 10^3, 5^2, 4, 2^{11}\})$	1640
20	$\mathcal{O}(0; \{20, 10^3, 5^2, 4^3, 2^8\})$	6560
20	$\mathcal{O}(0; \{20, 10^3, 5^2, 4^5, 2^5\})$	26240
20	$\mathcal{O}(0; \{20, 10^3, 5^2, 4^7, 2^2\})$	104960
20	$\mathcal{O}(0; \{20, 10^3, 5^7, 4, 2^3\})$	1677720
20	$\mathcal{O}(0; \{20, 10^3, 5^7, 4^3\})$	6710880
20	$\mathcal{O}(0; \{20, 10^4, 5^4, 4, 2^6\})$	104856
20	$\mathcal{O}(0; \{20, 10^4, 5^4, 4^3, 2^3\})$	419424
20	$\mathcal{O}(0; \{20, 10^4, 5^4, 4^5\})$	1677696
20	$\mathcal{O}(0; \{20, 10^5, 5, 4, 2^9\})$	6552
20	$\mathcal{O}(0; \{20, 10^5, 5, 4^3, 2^6\})$	26208
20	$\mathcal{O}(0; \{20, 10^5, 5, 4^5, 2^3\})$	104832
20	$\mathcal{O}(0; \{20, 10^5, 5, 4^7\})$	419328
20	$\mathcal{O}(0; \{20, 10^5, 5^6, 4, 2\})$	6710888
20	$\mathcal{O}(0; \{20, 10^6, 5^3, 4, 2^4\})$	419432
20	$\mathcal{O}(0; \{20, 10^6, 5^3, 4^3, 2\})$	1677728
20	$\mathcal{O}(0; \{20, 10^7, 4, 2^7\})$	26216
20	$\mathcal{O}(0; \{20, 10^7, 4^3, 2^4\})$	104864
20	$\mathcal{O}(0; \{20, 10^7, 4^5, 2\})$	419456
20	$\mathcal{O}(0; \{20, 10^8, 5^2, 4, 2^2\})$	1677720
20	$\mathcal{O}(0; \{20, 10^{10}, 5, 4\})$	6710888
20	$\mathcal{O}(0; \{20^2, 5^2, 2^{16}\})$	104
20	$\mathcal{O}(0; \{20^2, 5^2, 4^2, 2^{13}\})$	416
20	$\mathcal{O}(0; \{20^2, 5^2, 4^4, 2^{10}\})$	1664
20	$\mathcal{O}(0; \{20^2, 5^2, 4^6, 2^7\})$	6656
20	$\mathcal{O}(0; \{20^2, 5^2, 4^8, 2^4\})$	26624
20	$\mathcal{O}(0; \{20^2, 5^2, 4^{10}, 2\})$	106496
20	$\mathcal{O}(0; \{20^2, 5^7, 2^8\})$	104856
20	$\mathcal{O}(0; \{20^2, 5^7, 4^2, 2^5\})$	419424
20	$\mathcal{O}(0; \{20^2, 5^7, 4^4, 2^2\})$	1677696
20	$\mathcal{O}(0; \{20^2, 5^{12}\})$	107374184
20	$\mathcal{O}(0; \{20^2, 10, 5^4, 2^{11}\})$	6552
20	$\mathcal{O}(0; \{20^2, 10, 5^4, 4^2, 2^8\})$	26208
20	$\mathcal{O}(0; \{20^2, 10, 5^4, 4^4, 2^5\})$	104832

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20^2, 10, 5^4, 4^6, 2^2\})$	419328
20	$\mathcal{O}(0; \{20^2, 10, 5^9, 2^3\})$	6710888
20	$\mathcal{O}(0; \{20^2, 10, 5^9, 4^2\})$	26843552
20	$\mathcal{O}(0; \{20^2, 10^2, 5, 2^{14}\})$	408
20	$\mathcal{O}(0; \{20^2, 10^2, 5, 4^2, 2^{11}\})$	1632
20	$\mathcal{O}(0; \{20^2, 10^2, 5, 4^4, 2^8\})$	6528
20	$\mathcal{O}(0; \{20^2, 10^2, 5, 4^6, 2^5\})$	26112
20	$\mathcal{O}(0; \{20^2, 10^2, 5, 4^8, 2^2\})$	104448
20	$\mathcal{O}(0; \{20^2, 10^2, 5^6, 2^6\})$	419432
20	$\mathcal{O}(0; \{20^2, 10^2, 5^6, 4^2, 2^3\})$	1677728
20	$\mathcal{O}(0; \{20^2, 10^2, 5^6, 4^4\})$	6710912
20	$\mathcal{O}(0; \{20^2, 10^3, 5^3, 2^9\})$	26216
20	$\mathcal{O}(0; \{20^2, 10^3, 5^3, 4^2, 2^6\})$	104864
20	$\mathcal{O}(0; \{20^2, 10^3, 5^3, 4^4, 2^3\})$	419456
20	$\mathcal{O}(0; \{20^2, 10^3, 5^3, 4^6\})$	1677824
20	$\mathcal{O}(0; \{20^2, 10^3, 5^8, 2\})$	26843544
20	$\mathcal{O}(0; \{20^2, 10^4, 2^{12}\})$	1640
20	$\mathcal{O}(0; \{20^2, 10^4, 4^2, 2^9\})$	6560
20	$\mathcal{O}(0; \{20^2, 10^4, 4^4, 2^6\})$	26240
20	$\mathcal{O}(0; \{20^2, 10^4, 4^6, 2^3\})$	104960
20	$\mathcal{O}(0; \{20^2, 10^4, 4^8\})$	419840
20	$\mathcal{O}(0; \{20^2, 10^4, 5^5, 2^4\})$	1677720
20	$\mathcal{O}(0; \{20^2, 10^4, 5^5, 4^2, 2\})$	6710880
20	$\mathcal{O}(0; \{20^2, 10^5, 5^2, 2^7\})$	104856
20	$\mathcal{O}(0; \{20^2, 10^5, 5^2, 4^2, 2^4\})$	419424
20	$\mathcal{O}(0; \{20^2, 10^5, 5^2, 4^4, 2\})$	1677696
20	$\mathcal{O}(0; \{20^2, 10^6, 5^4, 2^2\})$	6710888
20	$\mathcal{O}(0; \{20^2, 10^7, 5, 2^5\})$	419432
20	$\mathcal{O}(0; \{20^2, 10^7, 5, 4^2, 2^2\})$	1677728
20	$\mathcal{O}(0; \{20^2, 10^8, 5^3\})$	26843544
20	$\mathcal{O}(0; \{20^2, 10^9, 2^3\})$	1677720
20	$\mathcal{O}(0; \{20^2, 10^9, 4^2\})$	6710880
20	$\mathcal{O}(0; \{20^3, 5^3, 4, 2^{11}\})$	6560
20	$\mathcal{O}(0; \{20^3, 5^3, 4^3, 2^8\})$	26240
20	$\mathcal{O}(0; \{20^3, 5^3, 4^5, 2^5\})$	104960
20	$\mathcal{O}(0; \{20^3, 5^3, 4^7, 2^2\})$	419840
20	$\mathcal{O}(0; \{20^3, 5^8, 4, 2^3\})$	6710880
20	$\mathcal{O}(0; \{20^3, 5^8, 4^3\})$	26843520
20	$\mathcal{O}(0; \{20^3, 10, 4, 2^{14}\})$	416
20	$\mathcal{O}(0; \{20^3, 10, 4^3, 2^{11}\})$	1664
20	$\mathcal{O}(0; \{20^3, 10, 4^5, 2^8\})$	6656
20	$\mathcal{O}(0; \{20^3, 10, 4^7, 2^5\})$	26624
20	$\mathcal{O}(0; \{20^3, 10, 4^9, 2^2\})$	106496

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20^3, 10, 5^5, 4, 2^6\})$	419424
20	$\mathcal{O}(0; \{20^3, 10, 5^5, 4^3, 2^3\})$	1677696
20	$\mathcal{O}(0; \{20^3, 10, 5^5, 4^5\})$	6710784
20	$\mathcal{O}(0; \{20^3, 10^2, 5^2, 4, 2^9\})$	26208
20	$\mathcal{O}(0; \{20^3, 10^2, 5^2, 4^3, 2^6\})$	104832
20	$\mathcal{O}(0; \{20^3, 10^2, 5^2, 4^5, 2^3\})$	419328
20	$\mathcal{O}(0; \{20^3, 10^2, 5^2, 4^7\})$	1677312
20	$\mathcal{O}(0; \{20^3, 10^2, 5^7, 4, 2\})$	26843552
20	$\mathcal{O}(0; \{20^3, 10^3, 5^4, 4, 2^4\})$	1677728
20	$\mathcal{O}(0; \{20^3, 10^3, 5^4, 4^3, 2\})$	6710912
20	$\mathcal{O}(0; \{20^3, 10^4, 5, 4, 2^7\})$	104864
20	$\mathcal{O}(0; \{20^3, 10^4, 5, 4^3, 2^4\})$	419456
20	$\mathcal{O}(0; \{20^3, 10^4, 5, 4^5, 2\})$	1677824
20	$\mathcal{O}(0; \{20^3, 10^5, 5^3, 4, 2^2\})$	6710880
20	$\mathcal{O}(0; \{20^3, 10^6, 4, 2^5\})$	419424
20	$\mathcal{O}(0; \{20^3, 10^6, 4^3, 2^2\})$	1677696
20	$\mathcal{O}(0; \{20^3, 10^7, 5^2, 4\})$	26843552
20	$\mathcal{O}(0; \{20^4, 5^4, 2^9\})$	104864
20	$\mathcal{O}(0; \{20^4, 5^4, 4^2, 2^6\})$	419456
20	$\mathcal{O}(0; \{20^4, 5^4, 4^4, 2^3\})$	1677824
20	$\mathcal{O}(0; \{20^4, 5^4, 4^6\})$	6711296
20	$\mathcal{O}(0; \{20^4, 5^9, 2\})$	107374176
20	$\mathcal{O}(0; \{20^4, 10, 5, 2^{12}\})$	6560
20	$\mathcal{O}(0; \{20^4, 10, 5, 4^2, 2^9\})$	26240
20	$\mathcal{O}(0; \{20^4, 10, 5, 4^4, 2^6\})$	104960
20	$\mathcal{O}(0; \{20^4, 10, 5, 4^6, 2^3\})$	419840
20	$\mathcal{O}(0; \{20^4, 10, 5, 4^8\})$	1679360
20	$\mathcal{O}(0; \{20^4, 10, 5^6, 2^4\})$	6710880
20	$\mathcal{O}(0; \{20^4, 10, 5^6, 4^2, 2\})$	26843520
20	$\mathcal{O}(0; \{20^4, 10^2, 5^3, 2^7\})$	419424
20	$\mathcal{O}(0; \{20^4, 10^2, 5^3, 4^2, 2^4\})$	1677696
20	$\mathcal{O}(0; \{20^4, 10^2, 5^3, 4^4, 2\})$	6710784
20	$\mathcal{O}(0; \{20^4, 10^3, 2^{10}\})$	26208
20	$\mathcal{O}(0; \{20^4, 10^3, 4^2, 2^7\})$	104832
20	$\mathcal{O}(0; \{20^4, 10^3, 4^4, 2^4\})$	419328
20	$\mathcal{O}(0; \{20^4, 10^3, 4^6, 2\})$	1677312
20	$\mathcal{O}(0; \{20^4, 10^3, 5^5, 2^2\})$	26843552
20	$\mathcal{O}(0; \{20^4, 10^4, 5^2, 2^5\})$	1677728
20	$\mathcal{O}(0; \{20^4, 10^4, 5^2, 4^2, 2^2\})$	6710912
20	$\mathcal{O}(0; \{20^4, 10^5, 5^4\})$	107374176
20	$\mathcal{O}(0; \{20^4, 10^6, 5, 2^3\})$	6710880
20	$\mathcal{O}(0; \{20^4, 10^6, 5, 4^2\})$	26843520
20	$\mathcal{O}(0; \{20^4, 10^8, 2\})$	26843552

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20^5, 4, 2^{12}\})$	6528
20	$\mathcal{O}(0; \{20^5, 4^3, 2^9\})$	26112
20	$\mathcal{O}(0; \{20^5, 4^5, 2^6\})$	104448
20	$\mathcal{O}(0; \{20^5, 4^7, 2^3\})$	417792
20	$\mathcal{O}(0; \{20^5, 4^9\})$	1671168
20	$\mathcal{O}(0; \{20^5, 5^5, 4, 2^4\})$	6710912
20	$\mathcal{O}(0; \{20^5, 5^5, 4^3, 2\})$	26843648
20	$\mathcal{O}(0; \{20^5, 10, 5^2, 4, 2^7\})$	419456
20	$\mathcal{O}(0; \{20^5, 10, 5^2, 4^3, 2^4\})$	1677824
20	$\mathcal{O}(0; \{20^5, 10, 5^2, 4^5, 2\})$	6711296
20	$\mathcal{O}(0; \{20^5, 10^2, 5^4, 4, 2^2\})$	26843520
20	$\mathcal{O}(0; \{20^5, 10^3, 5, 4, 2^5\})$	1677696
20	$\mathcal{O}(0; \{20^5, 10^3, 5, 4^3, 2^2\})$	6710784
20	$\mathcal{O}(0; \{20^5, 10^4, 5^3, 4\})$	107374208
20	$\mathcal{O}(0; \{20^5, 10^5, 4, 2^3\})$	6710912
20	$\mathcal{O}(0; \{20^5, 10^5, 4^3\})$	26843648
20	$\mathcal{O}(0; \{20^6, 5, 2^{10}\})$	104832
20	$\mathcal{O}(0; \{20^6, 5, 4^2, 2^7\})$	419328
20	$\mathcal{O}(0; \{20^6, 5, 4^4, 2^4\})$	1677312
20	$\mathcal{O}(0; \{20^6, 5, 4^6, 2\})$	6709248
20	$\mathcal{O}(0; \{20^6, 5^6, 2^2\})$	107374208
20	$\mathcal{O}(0; \{20^6, 10, 5^3, 2^5\})$	6710912
20	$\mathcal{O}(0; \{20^6, 10, 5^3, 4^2, 2^2\})$	26843648
20	$\mathcal{O}(0; \{20^6, 10^2, 2^8\})$	419456
20	$\mathcal{O}(0; \{20^6, 10^2, 4^2, 2^5\})$	1677824
20	$\mathcal{O}(0; \{20^6, 10^2, 4^4, 2^2\})$	6711296
20	$\mathcal{O}(0; \{20^6, 10^2, 5^5\})$	429496704
20	$\mathcal{O}(0; \{20^6, 10^3, 5^2, 2^3\})$	26843520
20	$\mathcal{O}(0; \{20^6, 10^3, 5^2, 4^2\})$	107374080
20	$\mathcal{O}(0; \{20^6, 10^5, 5, 2\})$	107374208
20	$\mathcal{O}(0; \{20^7, 5^2, 4, 2^5\})$	6710784
20	$\mathcal{O}(0; \{20^7, 5^2, 4^3, 2^2\})$	26843136
20	$\mathcal{O}(0; \{20^7, 10, 5^4, 4\})$	429496832
20	$\mathcal{O}(0; \{20^7, 10^2, 5, 4, 2^3\})$	26843648
20	$\mathcal{O}(0; \{20^7, 10^2, 5, 4^3\})$	107374592
20	$\mathcal{O}(0; \{20^7, 10^4, 4, 2\})$	107374080
20	$\mathcal{O}(0; \{20^8, 5^3, 2^3\})$	107374080
20	$\mathcal{O}(0; \{20^8, 5^3, 4^2\})$	429496320
20	$\mathcal{O}(0; \{20^8, 10, 2^6\})$	6710784
20	$\mathcal{O}(0; \{20^8, 10, 4^2, 2^3\})$	26843136
20	$\mathcal{O}(0; \{20^8, 10, 4^4\})$	107372544
20	$\mathcal{O}(0; \{20^8, 10^2, 5^2, 2\})$	429496832
20	$\mathcal{O}(0; \{20^9, 10, 5, 4, 2\})$	429496320

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20^{10}, 2^4\})$	107374592
20	$\mathcal{O}(0; \{20^{10}, 4^2, 2\})$	429498368
21	$\mathcal{O}(4; \{7^2, 3^2\})$	453874312332
21	$\mathcal{O}(3; \{7^2, 3^5\})$	5145967260
21	$\mathcal{O}(3; \{21, 7^4, 3\})$	190400788620
21	$\mathcal{O}(3; \{21^3, 7, 3^2\})$	159524985060
21	$\mathcal{O}(2; \{7^2, 3^8\})$	100352196
21	$\mathcal{O}(2; \{21, 7^4, 3^4\})$	2158739100
21	$\mathcal{O}(2; \{21^2, 7^6\})$	93329876052
21	$\mathcal{O}(2; \{21^3, 7, 3^5\})$	3110918076
21	$\mathcal{O}(2; \{21^4, 7^3, 3\})$	77772951900
21	$\mathcal{O}(2; \{21^6, 3^2\})$	111491289756
21	$\mathcal{O}(1; \{7^2, 3^{11}\})$	1804572
21	$\mathcal{O}(1; \{7^9, 3^2\})$	1269788940
21	$\mathcal{O}(1; \{21, 7^4, 3^7\})$	42097860
21	$\mathcal{O}(1; \{21^2, 7^6, 3^3\})$	1058161860
21	$\mathcal{O}(1; \{21^3, 7, 3^8\})$	55941732
21	$\mathcal{O}(1; \{21^4, 7^3, 3^4\})$	1516660740
21	$\mathcal{O}(1; \{21^5, 7^5\})$	38093694660
21	$\mathcal{O}(1; \{21^6, 3^5\})$	2004879492
21	$\mathcal{O}(1; \{21^7, 7^2, 3\})$	54600924420
21	$\mathcal{O}(0; \{7^2, 3^{14}\})$	32772
21	$\mathcal{O}(0; \{7^9, 3^5\})$	14396700
21	$\mathcal{O}(0; \{21, 7^4, 3^{10}\})$	757020
21	$\mathcal{O}(0; \{21, 7^{11}, 3\})$	621937812
21	$\mathcal{O}(0; \{21^2, 7^6, 3^6\})$	20635356
21	$\mathcal{O}(0; \{21^3, 7, 3^{11}\})$	1015932
21	$\mathcal{O}(0; \{21^3, 7^8, 3^2\})$	518281500
21	$\mathcal{O}(0; \{21^4, 7^3, 3^7\})$	27273180
21	$\mathcal{O}(0; \{21^5, 7^5, 3^3\})$	742870236
21	$\mathcal{O}(0; \{21^6, 3^8\})$	36409692
21	$\mathcal{O}(0; \{21^7, 7^2, 3^4\})$	981854940
21	$\mathcal{O}(0; \{21^8, 7^4\})$	26743325916
21	$\mathcal{O}(0; \{21^{10}, 7, 3\})$	35346798300
22	$\mathcal{O}(3; \{11^4, 2^2\})$	103175712640
22	$\mathcal{O}(3; \{22^2, 11^3\})$	1030623327360
22	$\mathcal{O}(2; \{11^4, 2^6\})$	213172960
22	$\mathcal{O}(2; \{22^2, 11^3, 2^4\})$	2129387040
22	$\mathcal{O}(2; \{22^4, 11^2, 2^2\})$	21296212960
22	$\mathcal{O}(2; \{22^6, 11\})$	212959787040
22	$\mathcal{O}(1; \{11^4, 2^{10}\})$	440440
22	$\mathcal{O}(1; \{22^2, 11^3, 2^8\})$	4399560
22	$\mathcal{O}(1; \{22^4, 11^2, 2^6\})$	44000440

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
22	$\mathcal{O}(1; \{22^6, 11, 2^4\})$	439999560
22	$\mathcal{O}(1; \{22^8, 2^2\})$	4400000440
22	$\mathcal{O}(0; \{11^4, 2^{14}\})$	910
22	$\mathcal{O}(0; \{22, 11^9, 2^3\})$	909090910
22	$\mathcal{O}(0; \{22^2, 11^3, 2^{12}\})$	9090
22	$\mathcal{O}(0; \{22^3, 11^8, 2\})$	9090909090
22	$\mathcal{O}(0; \{22^4, 11^2, 2^{10}\})$	90910
22	$\mathcal{O}(0; \{22^6, 11, 2^8\})$	909090
22	$\mathcal{O}(0; \{22^8, 2^6\})$	9090910
24	$\mathcal{O}(4; \{24^2\})$	880602513408
24	$\mathcal{O}(3; \{8^2, 6, 3^2\})$	1528823808
24	$\mathcal{O}(3; \{8^2, 6^2, 2\})$	1528823808
24	$\mathcal{O}(3; \{24, 8, 4, 3^2\})$	3057647616
24	$\mathcal{O}(3; \{24, 8, 6, 4, 2\})$	3057647616
24	$\mathcal{O}(3; \{24, 12, 8, 3, 2\})$	3057647616
24	$\mathcal{O}(3; \{24^2, 2^4\})$	1528823808
24	$\mathcal{O}(3; \{24^2, 3^3\})$	7644119040
24	$\mathcal{O}(3; \{24^2, 4^2, 2\})$	6115295232
24	$\mathcal{O}(3; \{24^2, 6, 3, 2\})$	4586471424
24	$\mathcal{O}(2; \{8^2, 3^4, 2^3\})$	7962624
24	$\mathcal{O}(2; \{8^2, 4^2, 3^4\})$	31850496
24	$\mathcal{O}(2; \{8^2, 6, 3^2, 2^4\})$	2654208
24	$\mathcal{O}(2; \{8^2, 6, 3^5\})$	29196288
24	$\mathcal{O}(2; \{8^2, 6, 4^2, 3^2, 2\})$	10616832
24	$\mathcal{O}(2; \{8^2, 6^2, 2^5\})$	2654208
24	$\mathcal{O}(2; \{8^2, 6^2, 3^3, 2\})$	13271040
24	$\mathcal{O}(2; \{8^2, 6^2, 4^2, 2^2\})$	10616832
24	$\mathcal{O}(2; \{8^2, 6^3, 3, 2^2\})$	7962624
24	$\mathcal{O}(2; \{8^2, 6^5\})$	13271040
24	$\mathcal{O}(2; \{8^4, 6^2, 4\})$	84934656
24	$\mathcal{O}(2; \{12, 8^2, 4, 3^3, 2\})$	31850496
24	$\mathcal{O}(2; \{12, 8^2, 6, 4, 3, 2^2\})$	10616832
24	$\mathcal{O}(2; \{12, 8^2, 6^3, 4\})$	31850496
24	$\mathcal{O}(2; \{12, 8^4, 6, 3\})$	84934656
24	$\mathcal{O}(2; \{12^2, 8^2, 3^2, 2^2\})$	31850496
24	$\mathcal{O}(2; \{12^2, 8^2, 6, 2^3\})$	10616832
24	$\mathcal{O}(2; \{12^2, 8^2, 6, 4^2\})$	42467328
24	$\mathcal{O}(2; \{12^2, 8^2, 6^2, 3\})$	53084160
24	$\mathcal{O}(2; \{12^3, 8^2, 4, 3\})$	127401984
24	$\mathcal{O}(2; \{12^4, 8^2, 2\})$	127401984
24	$\mathcal{O}(2; \{24, 8, 4, 3^2, 2^4\})$	5308416
24	$\mathcal{O}(2; \{24, 8, 4, 3^5\})$	58392576
24	$\mathcal{O}(2; \{24, 8, 4^3, 3^2, 2\})$	21233664

Continued on next page

Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(2; \{24, 8, 6, 4, 2^5\})$	5308416
24	$\mathcal{O}(2; \{24, 8, 6, 4, 3^3, 2\})$	26542080
24	$\mathcal{O}(2; \{24, 8, 6, 4^3, 2^2\})$	21233664
24	$\mathcal{O}(2; \{24, 8, 6^2, 4, 3, 2^2\})$	15925248
24	$\mathcal{O}(2; \{24, 8, 6^4, 4\})$	26542080
24	$\mathcal{O}(2; \{24, 8^3, 3^2, 2^2\})$	42467328
24	$\mathcal{O}(2; \{24, 8^3, 6, 2^3\})$	42467328
24	$\mathcal{O}(2; \{24, 8^3, 6, 4^2\})$	169869312
24	$\mathcal{O}(2; \{24, 8^3, 6^2, 3\})$	127401984
24	$\mathcal{O}(2; \{24, 12, 8, 3, 2^5\})$	5308416
24	$\mathcal{O}(2; \{24, 12, 8, 3^4, 2\})$	58392576
24	$\mathcal{O}(2; \{24, 12, 8, 4^2, 3, 2^2\})$	21233664
24	$\mathcal{O}(2; \{24, 12, 8, 6, 3^2, 2^2\})$	26542080
24	$\mathcal{O}(2; \{24, 12, 8, 6^2, 2^3\})$	15925248
24	$\mathcal{O}(2; \{24, 12, 8, 6^2, 4^2\})$	63700992
24	$\mathcal{O}(2; \{24, 12, 8, 6^3, 3\})$	58392576
24	$\mathcal{O}(2; \{24, 12, 8^3, 4, 3\})$	169869312
24	$\mathcal{O}(2; \{24, 12^2, 8, 4, 2^3\})$	21233664
24	$\mathcal{O}(2; \{24, 12^2, 8, 4^3\})$	84934656
24	$\mathcal{O}(2; \{24, 12^2, 8, 6, 4, 3\})$	106168320
24	$\mathcal{O}(2; \{24, 12^2, 8^3, 2\})$	169869312
24	$\mathcal{O}(2; \{24, 12^3, 8, 3^2\})$	233570304
24	$\mathcal{O}(2; \{24, 12^3, 8, 6, 2\})$	106168320
24	$\mathcal{O}(2; \{24^2, 2^8\})$	2654208
24	$\mathcal{O}(2; \{24^2, 3^3, 2^4\})$	13271040
24	$\mathcal{O}(2; \{24^2, 3^6\})$	114130944
24	$\mathcal{O}(2; \{24^2, 4^2, 2^5\})$	10616832
24	$\mathcal{O}(2; \{24^2, 4^2, 3^3, 2\})$	53084160
24	$\mathcal{O}(2; \{24^2, 4^4, 2^2\})$	42467328
24	$\mathcal{O}(2; \{24^2, 6, 3, 2^5\})$	7962624
24	$\mathcal{O}(2; \{24^2, 6, 3^4, 2\})$	55738368
24	$\mathcal{O}(2; \{24^2, 6, 4^2, 3, 2^2\})$	31850496
24	$\mathcal{O}(2; \{24^2, 6^2, 3^2, 2^2\})$	29196288
24	$\mathcal{O}(2; \{24^2, 6^3, 2^3\})$	13271040
24	$\mathcal{O}(2; \{24^2, 6^3, 4^2\})$	53084160
24	$\mathcal{O}(2; \{24^2, 6^4, 3\})$	55738368
24	$\mathcal{O}(2; \{24^2, 8^2, 4, 2^3\})$	84934656
24	$\mathcal{O}(2; \{24^2, 8^2, 4^3\})$	339738624
24	$\mathcal{O}(2; \{24^2, 8^2, 6, 4, 3\})$	254803968
24	$\mathcal{O}(2; \{24^2, 8^4, 2\})$	679477248
24	$\mathcal{O}(2; \{24^2, 12, 4, 3^2, 2^2\})$	53084160
24	$\mathcal{O}(2; \{24^2, 12, 6, 4, 2^3\})$	31850496
24	$\mathcal{O}(2; \{24^2, 12, 6, 4^3\})$	127401984

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(2; \{24^2, 12, 6^2, 4, 3\})$	116785152
24	$\mathcal{O}(2; \{24^2, 12, 8^2, 3^2\})$	424673280
24	$\mathcal{O}(2; \{24^2, 12, 8^2, 6, 2\})$	254803968
24	$\mathcal{O}(2; \{24^2, 12^2, 3, 2^3\})$	53084160
24	$\mathcal{O}(2; \{24^2, 12^2, 4^2, 3\})$	212336640
24	$\mathcal{O}(2; \{24^2, 12^2, 6, 3^2\})$	222953472
24	$\mathcal{O}(2; \{24^2, 12^2, 6^2, 2\})$	116785152
24	$\mathcal{O}(2; \{24^2, 12^3, 4, 2\})$	212336640
24	$\mathcal{O}(2; \{24^3, 8, 3, 2^3\})$	127401984
24	$\mathcal{O}(2; \{24^3, 8, 4^2, 3\})$	509607936
24	$\mathcal{O}(2; \{24^3, 8, 6, 3^2\})$	467140608
24	$\mathcal{O}(2; \{24^3, 8, 6^2, 2\})$	212336640
24	$\mathcal{O}(2; \{24^3, 12, 8, 4, 2\})$	509607936
24	$\mathcal{O}(2; \{24^4, 4, 3^2\})$	934281216
24	$\mathcal{O}(2; \{24^4, 6, 4, 2\})$	424673280
24	$\mathcal{O}(2; \{24^4, 12, 3, 2\})$	934281216
24	$\mathcal{O}(1; \{8^2, 3^4, 2^7\})$	13824
24	$\mathcal{O}(1; \{8^2, 3^7, 2^3\})$	96768
24	$\mathcal{O}(1; \{8^2, 4^2, 3^4, 2^4\})$	55296
24	$\mathcal{O}(1; \{8^2, 4^2, 3^7\})$	387072
24	$\mathcal{O}(1; \{8^2, 4^4, 3^4, 2\})$	221184
24	$\mathcal{O}(1; \{8^2, 6, 3^2, 2^8\})$	4608
24	$\mathcal{O}(1; \{8^2, 6, 3^5, 2^4\})$	50688
24	$\mathcal{O}(1; \{8^2, 6, 3^8\})$	391680
24	$\mathcal{O}(1; \{8^2, 6, 4^2, 3^2, 2^5\})$	18432
24	$\mathcal{O}(1; \{8^2, 6, 4^2, 3^5, 2\})$	202752
24	$\mathcal{O}(1; \{8^2, 6, 4^4, 3^2, 2^2\})$	73728
24	$\mathcal{O}(1; \{8^2, 6^2, 2^9\})$	4608
24	$\mathcal{O}(1; \{8^2, 6^2, 3^3, 2^5\})$	23040
24	$\mathcal{O}(1; \{8^2, 6^2, 3^6, 2\})$	198144
24	$\mathcal{O}(1; \{8^2, 6^2, 4^2, 2^6\})$	18432
24	$\mathcal{O}(1; \{8^2, 6^2, 4^2, 3^3, 2^2\})$	92160
24	$\mathcal{O}(1; \{8^2, 6^2, 4^4, 2^3\})$	73728
24	$\mathcal{O}(1; \{8^2, 6^2, 4^6\})$	294912
24	$\mathcal{O}(1; \{8^2, 6^3, 3, 2^6\})$	13824
24	$\mathcal{O}(1; \{8^2, 6^3, 3^4, 2^2\})$	96768
24	$\mathcal{O}(1; \{8^2, 6^3, 4^2, 3, 2^3\})$	55296
24	$\mathcal{O}(1; \{8^2, 6^3, 4^4, 3\})$	221184
24	$\mathcal{O}(1; \{8^2, 6^4, 3^2, 2^3\})$	50688
24	$\mathcal{O}(1; \{8^2, 6^4, 4^2, 3^2\})$	202752
24	$\mathcal{O}(1; \{8^2, 6^5, 2^4\})$	23040
24	$\mathcal{O}(1; \{8^2, 6^5, 3^3\})$	198144
24	$\mathcal{O}(1; \{8^2, 6^5, 4^2, 2\})$	92160

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{8^2, 6^6, 3, 2\})$	96768
24	$\mathcal{O}(1; \{8^4, 4, 3^4, 2^2\})$	442368
24	$\mathcal{O}(1; \{8^4, 6, 4, 3^2, 2^3\})$	147456
24	$\mathcal{O}(1; \{8^4, 6, 4^3, 3^2\})$	589824
24	$\mathcal{O}(1; \{8^4, 6^2, 4, 2^4\})$	147456
24	$\mathcal{O}(1; \{8^4, 6^2, 4, 3^3\})$	737280
24	$\mathcal{O}(1; \{8^4, 6^2, 4^3, 2\})$	589824
24	$\mathcal{O}(1; \{8^4, 6^3, 4, 3, 2\})$	442368
24	$\mathcal{O}(1; \{8^6, 3^4\})$	3538944
24	$\mathcal{O}(1; \{8^6, 6, 3^2, 2\})$	1179648
24	$\mathcal{O}(1; \{8^6, 6^2, 2^2\})$	1179648
24	$\mathcal{O}(1; \{12, 8^2, 4, 3^3, 2^5\})$	55296
24	$\mathcal{O}(1; \{12, 8^2, 4, 3^6, 2\})$	387072
24	$\mathcal{O}(1; \{12, 8^2, 4^3, 3^3, 2^2\})$	221184
24	$\mathcal{O}(1; \{12, 8^2, 6, 4, 3, 2^6\})$	18432
24	$\mathcal{O}(1; \{12, 8^2, 6, 4, 3^4, 2^2\})$	202752
24	$\mathcal{O}(1; \{12, 8^2, 6, 4^3, 3, 2^3\})$	73728
24	$\mathcal{O}(1; \{12, 8^2, 6, 4^5, 3\})$	294912
24	$\mathcal{O}(1; \{12, 8^2, 6^2, 4, 3^2, 2^3\})$	92160
24	$\mathcal{O}(1; \{12, 8^2, 6^2, 4^3, 3^2\})$	368640
24	$\mathcal{O}(1; \{12, 8^2, 6^3, 4, 2^4\})$	55296
24	$\mathcal{O}(1; \{12, 8^2, 6^3, 4, 3^3\})$	387072
24	$\mathcal{O}(1; \{12, 8^2, 6^3, 4^3, 2\})$	221184
24	$\mathcal{O}(1; \{12, 8^2, 6^4, 4, 3, 2\})$	202752
24	$\mathcal{O}(1; \{12, 8^4, 3^3, 2^3\})$	442368
24	$\mathcal{O}(1; \{12, 8^4, 4^2, 3^3\})$	1769472
24	$\mathcal{O}(1; \{12, 8^4, 6, 3, 2^4\})$	147456
24	$\mathcal{O}(1; \{12, 8^4, 6, 3^4\})$	1622016
24	$\mathcal{O}(1; \{12, 8^4, 6, 4^2, 3, 2\})$	589824
24	$\mathcal{O}(1; \{12, 8^4, 6^2, 3^2, 2\})$	737280
24	$\mathcal{O}(1; \{12, 8^4, 6^3, 2^2\})$	442368
24	$\mathcal{O}(1; \{12^2, 8^2, 3^2, 2^6\})$	55296
24	$\mathcal{O}(1; \{12^2, 8^2, 3^5, 2^2\})$	387072
24	$\mathcal{O}(1; \{12^2, 8^2, 4^2, 3^2, 2^3\})$	221184
24	$\mathcal{O}(1; \{12^2, 8^2, 4^4, 3^2\})$	884736
24	$\mathcal{O}(1; \{12^2, 8^2, 6, 2^7\})$	18432
24	$\mathcal{O}(1; \{12^2, 8^2, 6, 3^3, 2^3\})$	202752
24	$\mathcal{O}(1; \{12^2, 8^2, 6, 4^2, 2^4\})$	73728
24	$\mathcal{O}(1; \{12^2, 8^2, 6, 4^2, 3^3\})$	811008
24	$\mathcal{O}(1; \{12^2, 8^2, 6, 4^4, 2\})$	294912
24	$\mathcal{O}(1; \{12^2, 8^2, 6^2, 3, 2^4\})$	92160
24	$\mathcal{O}(1; \{12^2, 8^2, 6^2, 3^4\})$	792576
24	$\mathcal{O}(1; \{12^2, 8^2, 6^2, 4^2, 3, 2\})$	368640

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{12^2, 8^2, 6^3, 3^2, 2\})$	387072
24	$\mathcal{O}(1; \{12^2, 8^2, 6^4, 2^2\})$	202752
24	$\mathcal{O}(1; \{12^2, 8^4, 4, 3^2, 2\})$	1769472
24	$\mathcal{O}(1; \{12^2, 8^4, 6, 4, 2^2\})$	589824
24	$\mathcal{O}(1; \{12^2, 8^6, 6\})$	4718592
24	$\mathcal{O}(1; \{12^3, 8^2, 4, 3, 2^4\})$	221184
24	$\mathcal{O}(1; \{12^3, 8^2, 4, 3^4\})$	1548288
24	$\mathcal{O}(1; \{12^3, 8^2, 4^3, 3, 2\})$	884736
24	$\mathcal{O}(1; \{12^3, 8^2, 6, 4, 3^2, 2\})$	811008
24	$\mathcal{O}(1; \{12^3, 8^2, 6^2, 4, 2^2\})$	368640
24	$\mathcal{O}(1; \{12^3, 8^4, 3, 2^2\})$	1769472
24	$\mathcal{O}(1; \{12^3, 8^4, 6^2\})$	2949120
24	$\mathcal{O}(1; \{12^4, 8^2, 2^5\})$	221184
24	$\mathcal{O}(1; \{12^4, 8^2, 3^3, 2\})$	1548288
24	$\mathcal{O}(1; \{12^4, 8^2, 4^2, 2^2\})$	884736
24	$\mathcal{O}(1; \{12^4, 8^2, 6, 3, 2^2\})$	811008
24	$\mathcal{O}(1; \{12^4, 8^2, 6^3\})$	1548288
24	$\mathcal{O}(1; \{12^4, 8^4, 4\})$	7077888
24	$\mathcal{O}(1; \{12^5, 8^2, 6, 4\})$	3244032
24	$\mathcal{O}(1; \{12^6, 8^2, 3\})$	6193152
24	$\mathcal{O}(1; \{24, 8, 4, 3^2, 2^8\})$	9216
24	$\mathcal{O}(1; \{24, 8, 4, 3^5, 2^4\})$	101376
24	$\mathcal{O}(1; \{24, 8, 4, 3^8\})$	783360
24	$\mathcal{O}(1; \{24, 8, 4^3, 3^2, 2^5\})$	36864
24	$\mathcal{O}(1; \{24, 8, 4^3, 3^5, 2\})$	405504
24	$\mathcal{O}(1; \{24, 8, 4^5, 3^2, 2^2\})$	147456
24	$\mathcal{O}(1; \{24, 8, 6, 4, 2^9\})$	9216
24	$\mathcal{O}(1; \{24, 8, 6, 4, 3^3, 2^5\})$	46080
24	$\mathcal{O}(1; \{24, 8, 6, 4, 3^6, 2\})$	396288
24	$\mathcal{O}(1; \{24, 8, 6, 4^3, 2^6\})$	36864
24	$\mathcal{O}(1; \{24, 8, 6, 4^3, 3^3, 2^2\})$	184320
24	$\mathcal{O}(1; \{24, 8, 6, 4^5, 2^3\})$	147456
24	$\mathcal{O}(1; \{24, 8, 6, 4^7\})$	589824
24	$\mathcal{O}(1; \{24, 8, 6^2, 4, 3, 2^6\})$	27648
24	$\mathcal{O}(1; \{24, 8, 6^2, 4, 3^4, 2^2\})$	193536
24	$\mathcal{O}(1; \{24, 8, 6^2, 4^3, 3, 2^3\})$	110592
24	$\mathcal{O}(1; \{24, 8, 6^2, 4^5, 3\})$	442368
24	$\mathcal{O}(1; \{24, 8, 6^3, 4, 3^2, 2^3\})$	101376
24	$\mathcal{O}(1; \{24, 8, 6^3, 4^3, 3^2\})$	405504
24	$\mathcal{O}(1; \{24, 8, 6^4, 4, 2^4\})$	46080
24	$\mathcal{O}(1; \{24, 8, 6^4, 4, 3^3\})$	396288
24	$\mathcal{O}(1; \{24, 8, 6^4, 4^3, 2\})$	184320
24	$\mathcal{O}(1; \{24, 8, 6^5, 4, 3, 2\})$	193536

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24, 8^3, 3^2, 2^6\})$	73728
24	$\mathcal{O}(1; \{24, 8^3, 3^5, 2^2\})$	811008
24	$\mathcal{O}(1; \{24, 8^3, 4^2, 3^2, 2^3\})$	294912
24	$\mathcal{O}(1; \{24, 8^3, 4^4, 3^2\})$	1179648
24	$\mathcal{O}(1; \{24, 8^3, 6, 2^7\})$	73728
24	$\mathcal{O}(1; \{24, 8^3, 6, 3^3, 2^3\})$	368640
24	$\mathcal{O}(1; \{24, 8^3, 6, 4^2, 2^4\})$	294912
24	$\mathcal{O}(1; \{24, 8^3, 6, 4^2, 3^3\})$	1474560
24	$\mathcal{O}(1; \{24, 8^3, 6, 4^4, 2\})$	1179648
24	$\mathcal{O}(1; \{24, 8^3, 6^2, 3, 2^4\})$	221184
24	$\mathcal{O}(1; \{24, 8^3, 6^2, 3^4\})$	1548288
24	$\mathcal{O}(1; \{24, 8^3, 6^2, 4^2, 3, 2\})$	884736
24	$\mathcal{O}(1; \{24, 8^3, 6^3, 3^2, 2\})$	811008
24	$\mathcal{O}(1; \{24, 8^3, 6^4, 2^2\})$	368640
24	$\mathcal{O}(1; \{24, 8^5, 4, 3^2, 2\})$	2359296
24	$\mathcal{O}(1; \{24, 8^5, 6, 4, 2^2\})$	2359296
24	$\mathcal{O}(1; \{24, 8^7, 6\})$	18874368
24	$\mathcal{O}(1; \{24, 12, 8, 3, 2^9\})$	9216
24	$\mathcal{O}(1; \{24, 12, 8, 3^4, 2^5\})$	101376
24	$\mathcal{O}(1; \{24, 12, 8, 3^7, 2\})$	783360
24	$\mathcal{O}(1; \{24, 12, 8, 4^2, 3, 2^6\})$	36864
24	$\mathcal{O}(1; \{24, 12, 8, 4^2, 3^4, 2^2\})$	405504
24	$\mathcal{O}(1; \{24, 12, 8, 4^4, 3, 2^3\})$	147456
24	$\mathcal{O}(1; \{24, 12, 8, 4^6, 3\})$	589824
24	$\mathcal{O}(1; \{24, 12, 8, 6, 3^2, 2^6\})$	46080
24	$\mathcal{O}(1; \{24, 12, 8, 6, 3^5, 2^2\})$	396288
24	$\mathcal{O}(1; \{24, 12, 8, 6, 4^2, 3^2, 2^3\})$	184320
24	$\mathcal{O}(1; \{24, 12, 8, 6, 4^4, 3^2\})$	737280
24	$\mathcal{O}(1; \{24, 12, 8, 6^2, 2^7\})$	27648
24	$\mathcal{O}(1; \{24, 12, 8, 6^2, 3^3, 2^3\})$	193536
24	$\mathcal{O}(1; \{24, 12, 8, 6^2, 4^2, 2^4\})$	110592
24	$\mathcal{O}(1; \{24, 12, 8, 6^2, 4^2, 3^3\})$	774144
24	$\mathcal{O}(1; \{24, 12, 8, 6^2, 4^4, 2\})$	442368
24	$\mathcal{O}(1; \{24, 12, 8, 6^3, 3, 2^4\})$	101376
24	$\mathcal{O}(1; \{24, 12, 8, 6^3, 3^4\})$	783360
24	$\mathcal{O}(1; \{24, 12, 8, 6^3, 4^2, 3, 2\})$	405504
24	$\mathcal{O}(1; \{24, 12, 8, 6^4, 3^2, 2\})$	396288
24	$\mathcal{O}(1; \{24, 12, 8, 6^5, 2^2\})$	193536
24	$\mathcal{O}(1; \{24, 12, 8^3, 4, 3, 2^4\})$	294912
24	$\mathcal{O}(1; \{24, 12, 8^3, 4, 3^4\})$	3244032
24	$\mathcal{O}(1; \{24, 12, 8^3, 4^3, 3, 2\})$	1179648
24	$\mathcal{O}(1; \{24, 12, 8^3, 6, 4, 3^2, 2\})$	1474560
24	$\mathcal{O}(1; \{24, 12, 8^3, 6^2, 4, 2^2\})$	884736

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24, 12, 8^5, 3, 2^2\})$	2359296
24	$\mathcal{O}(1; \{24, 12, 8^5, 6^2\})$	7077888
24	$\mathcal{O}(1; \{24, 12^2, 8, 4, 2^7\})$	36864
24	$\mathcal{O}(1; \{24, 12^2, 8, 4, 3^3, 2^3\})$	405504
24	$\mathcal{O}(1; \{24, 12^2, 8, 4^3, 2^4\})$	147456
24	$\mathcal{O}(1; \{24, 12^2, 8, 4^3, 3^3\})$	1622016
24	$\mathcal{O}(1; \{24, 12^2, 8, 4^5, 2\})$	589824
24	$\mathcal{O}(1; \{24, 12^2, 8, 6, 4, 3, 2^4\})$	184320
24	$\mathcal{O}(1; \{24, 12^2, 8, 6, 4, 3^4\})$	1585152
24	$\mathcal{O}(1; \{24, 12^2, 8, 6, 4^3, 3, 2\})$	737280
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^2, 4, 3^2, 2\})$	774144
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^3, 4, 2^2\})$	405504
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 2^5\})$	294912
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 3^3, 2\})$	3244032
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 4^2, 2^2\})$	1179648
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 6, 3, 2^2\})$	1474560
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 6^3\})$	3244032
24	$\mathcal{O}(1; \{24, 12^2, 8^5, 4\})$	9437184
24	$\mathcal{O}(1; \{24, 12^3, 8, 3^2, 2^4\})$	405504
24	$\mathcal{O}(1; \{24, 12^3, 8, 3^5\})$	3133440
24	$\mathcal{O}(1; \{24, 12^3, 8, 4^2, 3^2, 2\})$	1622016
24	$\mathcal{O}(1; \{24, 12^3, 8, 6, 2^5\})$	184320
24	$\mathcal{O}(1; \{24, 12^3, 8, 6, 3^3, 2\})$	1585152
24	$\mathcal{O}(1; \{24, 12^3, 8, 6, 4^2, 2^2\})$	737280
24	$\mathcal{O}(1; \{24, 12^3, 8, 6^2, 3, 2^2\})$	774144
24	$\mathcal{O}(1; \{24, 12^3, 8, 6^4\})$	1585152
24	$\mathcal{O}(1; \{24, 12^3, 8^3, 6, 4\})$	5898240
24	$\mathcal{O}(1; \{24, 12^4, 8, 4, 3, 2^2\})$	1622016
24	$\mathcal{O}(1; \{24, 12^4, 8, 6^2, 4\})$	3096576
24	$\mathcal{O}(1; \{24, 12^4, 8^3, 3\})$	12976128
24	$\mathcal{O}(1; \{24, 12^5, 8, 2^3\})$	1622016
24	$\mathcal{O}(1; \{24, 12^5, 8, 4^2\})$	6488064
24	$\mathcal{O}(1; \{24, 12^5, 8, 6, 3\})$	6340608
24	$\mathcal{O}(1; \{24^2, 2^{12}\})$	4608
24	$\mathcal{O}(1; \{24^2, 3^3, 2^8\})$	23040
24	$\mathcal{O}(1; \{24^2, 3^6, 2^4\})$	198144
24	$\mathcal{O}(1; \{24^2, 3^9\})$	1571328
24	$\mathcal{O}(1; \{24^2, 4^2, 2^9\})$	18432
24	$\mathcal{O}(1; \{24^2, 4^2, 3^3, 2^5\})$	92160
24	$\mathcal{O}(1; \{24^2, 4^2, 3^6, 2\})$	792576
24	$\mathcal{O}(1; \{24^2, 4^4, 2^6\})$	73728
24	$\mathcal{O}(1; \{24^2, 4^4, 3^3, 2^2\})$	368640
24	$\mathcal{O}(1; \{24^2, 4^6, 2^3\})$	294912

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^2, 4^8\})$	1179648
24	$\mathcal{O}(1; \{24^2, 6, 3, 2^9\})$	13824
24	$\mathcal{O}(1; \{24^2, 6, 3^4, 2^5\})$	96768
24	$\mathcal{O}(1; \{24^2, 6, 3^7, 2\})$	787968
24	$\mathcal{O}(1; \{24^2, 6, 4^2, 3, 2^6\})$	55296
24	$\mathcal{O}(1; \{24^2, 6, 4^2, 3^4, 2^2\})$	387072
24	$\mathcal{O}(1; \{24^2, 6, 4^4, 3, 2^3\})$	221184
24	$\mathcal{O}(1; \{24^2, 6, 4^6, 3\})$	884736
24	$\mathcal{O}(1; \{24^2, 6^2, 3^2, 2^6\})$	50688
24	$\mathcal{O}(1; \{24^2, 6^2, 3^5, 2^2\})$	391680
24	$\mathcal{O}(1; \{24^2, 6^2, 4^2, 3^2, 2^3\})$	202752
24	$\mathcal{O}(1; \{24^2, 6^2, 4^4, 3^2\})$	811008
24	$\mathcal{O}(1; \{24^2, 6^3, 2^7\})$	23040
24	$\mathcal{O}(1; \{24^2, 6^3, 3^3, 2^3\})$	198144
24	$\mathcal{O}(1; \{24^2, 6^3, 4^2, 2^4\})$	92160
24	$\mathcal{O}(1; \{24^2, 6^3, 4^2, 3^3\})$	792576
24	$\mathcal{O}(1; \{24^2, 6^3, 4^4, 2\})$	368640
24	$\mathcal{O}(1; \{24^2, 6^4, 3, 2^4\})$	96768
24	$\mathcal{O}(1; \{24^2, 6^4, 3^4\})$	787968
24	$\mathcal{O}(1; \{24^2, 6^4, 4^2, 3, 2\})$	387072
24	$\mathcal{O}(1; \{24^2, 6^5, 3^2, 2\})$	391680
24	$\mathcal{O}(1; \{24^2, 6^6, 2^2\})$	198144
24	$\mathcal{O}(1; \{24^2, 8^2, 4, 2^7\})$	147456
24	$\mathcal{O}(1; \{24^2, 8^2, 4, 3^3, 2^3\})$	737280
24	$\mathcal{O}(1; \{24^2, 8^2, 4^3, 2^4\})$	589824
24	$\mathcal{O}(1; \{24^2, 8^2, 4^3, 3^3\})$	2949120
24	$\mathcal{O}(1; \{24^2, 8^2, 4^5, 2\})$	2359296
24	$\mathcal{O}(1; \{24^2, 8^2, 6, 4, 3, 2^4\})$	442368
24	$\mathcal{O}(1; \{24^2, 8^2, 6, 4, 3^4\})$	3096576
24	$\mathcal{O}(1; \{24^2, 8^2, 6, 4^3, 3, 2\})$	1769472
24	$\mathcal{O}(1; \{24^2, 8^2, 6^2, 4, 3^2, 2\})$	1622016
24	$\mathcal{O}(1; \{24^2, 8^2, 6^3, 4, 2^2\})$	737280
24	$\mathcal{O}(1; \{24^2, 8^4, 2^5\})$	1179648
24	$\mathcal{O}(1; \{24^2, 8^4, 3^3, 2\})$	5898240
24	$\mathcal{O}(1; \{24^2, 8^4, 4^2, 2^2\})$	4718592
24	$\mathcal{O}(1; \{24^2, 8^4, 6, 3, 2^2\})$	3538944
24	$\mathcal{O}(1; \{24^2, 8^4, 6^3\})$	5898240
24	$\mathcal{O}(1; \{24^2, 8^6, 4\})$	37748736
24	$\mathcal{O}(1; \{24^2, 12, 4, 3^2, 2^6\})$	92160
24	$\mathcal{O}(1; \{24^2, 12, 4, 3^5, 2^2\})$	792576
24	$\mathcal{O}(1; \{24^2, 12, 4^3, 3^2, 2^3\})$	368640
24	$\mathcal{O}(1; \{24^2, 12, 4^5, 3^2\})$	1474560
24	$\mathcal{O}(1; \{24^2, 12, 6, 4, 2^7\})$	55296

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^2, 12, 6, 4, 3^3, 2^3\})$	387072
24	$\mathcal{O}(1; \{24^2, 12, 6, 4^3, 2^4\})$	221184
24	$\mathcal{O}(1; \{24^2, 12, 6, 4^3, 3^3\})$	1548288
24	$\mathcal{O}(1; \{24^2, 12, 6, 4^5, 2\})$	884736
24	$\mathcal{O}(1; \{24^2, 12, 6^2, 4, 3, 2^4\})$	202752
24	$\mathcal{O}(1; \{24^2, 12, 6^2, 4, 3^4\})$	1566720
24	$\mathcal{O}(1; \{24^2, 12, 6^2, 4^3, 3, 2\})$	811008
24	$\mathcal{O}(1; \{24^2, 12, 6^3, 4, 3^2, 2\})$	792576
24	$\mathcal{O}(1; \{24^2, 12, 6^4, 4, 2^2\})$	387072
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 3^2, 2^4\})$	737280
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 3^5\})$	6340608
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 4^2, 3^2, 2\})$	2949120
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6, 2^5\})$	442368
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6, 3^3, 2\})$	3096576
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6, 4^2, 2^2\})$	1769472
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6^2, 3, 2^2\})$	1622016
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6^4\})$	3096576
24	$\mathcal{O}(1; \{24^2, 12, 8^4, 6, 4\})$	14155776
24	$\mathcal{O}(1; \{24^2, 12^2, 3, 2^7\})$	92160
24	$\mathcal{O}(1; \{24^2, 12^2, 3^4, 2^3\})$	792576
24	$\mathcal{O}(1; \{24^2, 12^2, 4^2, 3, 2^4\})$	368640
24	$\mathcal{O}(1; \{24^2, 12^2, 4^2, 3^4\})$	3170304
24	$\mathcal{O}(1; \{24^2, 12^2, 4^4, 3, 2\})$	1474560
24	$\mathcal{O}(1; \{24^2, 12^2, 6, 3^2, 2^4\})$	387072
24	$\mathcal{O}(1; \{24^2, 12^2, 6, 3^5\})$	3151872
24	$\mathcal{O}(1; \{24^2, 12^2, 6, 4^2, 3^2, 2\})$	1548288
24	$\mathcal{O}(1; \{24^2, 12^2, 6^2, 2^5\})$	202752
24	$\mathcal{O}(1; \{24^2, 12^2, 6^2, 3^3, 2\})$	1566720
24	$\mathcal{O}(1; \{24^2, 12^2, 6^2, 4^2, 2^2\})$	811008
24	$\mathcal{O}(1; \{24^2, 12^2, 6^3, 3, 2^2\})$	792576
24	$\mathcal{O}(1; \{24^2, 12^2, 6^5\})$	1566720
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 4, 3, 2^2\})$	2949120
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 6^2, 4\})$	6488064
24	$\mathcal{O}(1; \{24^2, 12^2, 8^4, 3\})$	23592960
24	$\mathcal{O}(1; \{24^2, 12^3, 4, 2^5\})$	368640
24	$\mathcal{O}(1; \{24^2, 12^3, 4, 3^3, 2\})$	3170304
24	$\mathcal{O}(1; \{24^2, 12^3, 4^3, 2^2\})$	1474560
24	$\mathcal{O}(1; \{24^2, 12^3, 6, 4, 3, 2^2\})$	1548288
24	$\mathcal{O}(1; \{24^2, 12^3, 6^3, 4\})$	3170304
24	$\mathcal{O}(1; \{24^2, 12^3, 8^2, 2^3\})$	2949120
24	$\mathcal{O}(1; \{24^2, 12^3, 8^2, 4^2\})$	11796480
24	$\mathcal{O}(1; \{24^2, 12^3, 8^2, 6, 3\})$	12386304
24	$\mathcal{O}(1; \{24^2, 12^4, 3^2, 2^2\})$	3170304

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^2, 12^4, 6, 2^3\})$	1548288
24	$\mathcal{O}(1; \{24^2, 12^4, 6, 4^2\})$	6193152
24	$\mathcal{O}(1; \{24^2, 12^4, 6^2, 3\})$	6266880
24	$\mathcal{O}(1; \{24^2, 12^5, 4, 3\})$	12681216
24	$\mathcal{O}(1; \{24^2, 12^6, 2\})$	12681216
24	$\mathcal{O}(1; \{24^3, 8, 3, 2^7\})$	221184
24	$\mathcal{O}(1; \{24^3, 8, 3^4, 2^3\})$	1548288
24	$\mathcal{O}(1; \{24^3, 8, 4^2, 3, 2^4\})$	884736
24	$\mathcal{O}(1; \{24^3, 8, 4^2, 3^4\})$	6193152
24	$\mathcal{O}(1; \{24^3, 8, 4^4, 3, 2\})$	3538944
24	$\mathcal{O}(1; \{24^3, 8, 6, 3^2, 2^4\})$	811008
24	$\mathcal{O}(1; \{24^3, 8, 6, 3^5\})$	6266880
24	$\mathcal{O}(1; \{24^3, 8, 6, 4^2, 3^2, 2\})$	3244032
24	$\mathcal{O}(1; \{24^3, 8, 6^2, 2^5\})$	368640
24	$\mathcal{O}(1; \{24^3, 8, 6^2, 3^3, 2\})$	3170304
24	$\mathcal{O}(1; \{24^3, 8, 6^2, 4^2, 2^2\})$	1474560
24	$\mathcal{O}(1; \{24^3, 8, 6^3, 3, 2^2\})$	1548288
24	$\mathcal{O}(1; \{24^3, 8, 6^5\})$	3170304
24	$\mathcal{O}(1; \{24^3, 8^3, 4, 3, 2^2\})$	7077888
24	$\mathcal{O}(1; \{24^3, 8^3, 6^2, 4\})$	11796480
24	$\mathcal{O}(1; \{24^3, 8^5, 3\})$	56623104
24	$\mathcal{O}(1; \{24^3, 12, 8, 4, 2^5\})$	884736
24	$\mathcal{O}(1; \{24^3, 12, 8, 4, 3^3, 2\})$	6193152
24	$\mathcal{O}(1; \{24^3, 12, 8, 4^3, 2^2\})$	3538944
24	$\mathcal{O}(1; \{24^3, 12, 8, 6, 4, 3, 2^2\})$	3244032
24	$\mathcal{O}(1; \{24^3, 12, 8, 6^3, 4\})$	6193152
24	$\mathcal{O}(1; \{24^3, 12, 8^3, 2^3\})$	7077888
24	$\mathcal{O}(1; \{24^3, 12, 8^3, 4^2\})$	28311552
24	$\mathcal{O}(1; \{24^3, 12, 8^3, 6, 3\})$	25952256
24	$\mathcal{O}(1; \{24^3, 12^2, 8, 3^2, 2^2\})$	6193152
24	$\mathcal{O}(1; \{24^3, 12^2, 8, 6, 2^3\})$	3244032
24	$\mathcal{O}(1; \{24^3, 12^2, 8, 6, 4^2\})$	12976128
24	$\mathcal{O}(1; \{24^3, 12^2, 8, 6^2, 3\})$	12681216
24	$\mathcal{O}(1; \{24^3, 12^3, 8, 4, 3\})$	24772608
24	$\mathcal{O}(1; \{24^3, 12^4, 8, 2\})$	24772608
24	$\mathcal{O}(1; \{24^4, 4, 3^2, 2^4\})$	1622016
24	$\mathcal{O}(1; \{24^4, 4, 3^5\})$	12533760
24	$\mathcal{O}(1; \{24^4, 4^3, 3^2, 2\})$	6488064
24	$\mathcal{O}(1; \{24^4, 6, 4, 2^5\})$	737280
24	$\mathcal{O}(1; \{24^4, 6, 4, 3^3, 2\})$	6340608
24	$\mathcal{O}(1; \{24^4, 6, 4^3, 2^2\})$	2949120
24	$\mathcal{O}(1; \{24^4, 6^2, 4, 3, 2^2\})$	3096576
24	$\mathcal{O}(1; \{24^4, 6^4, 4\})$	6340608

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^4, 8^2, 3^2, 2^2\})$	12976128
24	$\mathcal{O}(1; \{24^4, 8^2, 6, 2^3\})$	5898240
24	$\mathcal{O}(1; \{24^4, 8^2, 6, 4^2\})$	23592960
24	$\mathcal{O}(1; \{24^4, 8^2, 6^2, 3\})$	24772608
24	$\mathcal{O}(1; \{24^4, 12, 3, 2^5\})$	1622016
24	$\mathcal{O}(1; \{24^4, 12, 3^4, 2\})$	12533760
24	$\mathcal{O}(1; \{24^4, 12, 4^2, 3, 2^2\})$	6488064
24	$\mathcal{O}(1; \{24^4, 12, 6, 3^2, 2^2\})$	6340608
24	$\mathcal{O}(1; \{24^4, 12, 6^2, 2^3\})$	3096576
24	$\mathcal{O}(1; \{24^4, 12, 6^2, 4^2\})$	12386304
24	$\mathcal{O}(1; \{24^4, 12, 6^3, 3\})$	12533760
24	$\mathcal{O}(1; \{24^4, 12, 8^2, 4, 3\})$	51904512
24	$\mathcal{O}(1; \{24^4, 12^2, 4, 2^3\})$	6488064
24	$\mathcal{O}(1; \{24^4, 12^2, 4^3\})$	25952256
24	$\mathcal{O}(1; \{24^4, 12^2, 6, 4, 3\})$	25362432
24	$\mathcal{O}(1; \{24^4, 12^2, 8^2, 2\})$	51904512
24	$\mathcal{O}(1; \{24^4, 12^3, 3^2\})$	50135040
24	$\mathcal{O}(1; \{24^4, 12^3, 6, 2\})$	25362432
24	$\mathcal{O}(1; \{24^5, 8, 4, 2^3\})$	11796480
24	$\mathcal{O}(1; \{24^5, 8, 4^3\})$	47185920
24	$\mathcal{O}(1; \{24^5, 8, 6, 4, 3\})$	49545216
24	$\mathcal{O}(1; \{24^5, 8^3, 2\})$	94371840
24	$\mathcal{O}(1; \{24^5, 12, 8, 3^2\})$	101449728
24	$\mathcal{O}(1; \{24^5, 12, 8, 6, 2\})$	49545216
24	$\mathcal{O}(1; \{24^6, 3, 2^3\})$	24772608
24	$\mathcal{O}(1; \{24^6, 4^2, 3\})$	99090432
24	$\mathcal{O}(1; \{24^6, 6, 3^2\})$	100270080
24	$\mathcal{O}(1; \{24^6, 6^2, 2\})$	50724864
24	$\mathcal{O}(1; \{24^6, 12, 4, 2\})$	99090432
24	$\mathcal{O}(0; \{8^2, 3^4, 2^{11}\})$	24
24	$\mathcal{O}(0; \{8^2, 3^7, 2^7\})$	168
24	$\mathcal{O}(0; \{8^2, 3^{10}, 2^3\})$	1368
24	$\mathcal{O}(0; \{8^2, 4^2, 3^4, 2^8\})$	96
24	$\mathcal{O}(0; \{8^2, 4^2, 3^7, 2^4\})$	672
24	$\mathcal{O}(0; \{8^2, 4^2, 3^{10}\})$	5472
24	$\mathcal{O}(0; \{8^2, 4^4, 3^4, 2^5\})$	384
24	$\mathcal{O}(0; \{8^2, 4^4, 3^7, 2\})$	2688
24	$\mathcal{O}(0; \{8^2, 4^6, 3^4, 2^2\})$	1536
24	$\mathcal{O}(0; \{8^2, 6, 3^2, 2^{12}\})$	8
24	$\mathcal{O}(0; \{8^2, 6, 3^5, 2^8\})$	88
24	$\mathcal{O}(0; \{8^2, 6, 3^8, 2^4\})$	680
24	$\mathcal{O}(0; \{8^2, 6, 3^{11}\})$	5464
24	$\mathcal{O}(0; \{8^2, 6, 4^2, 3^2, 2^9\})$	32

Continued on next page

Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{8^2, 6, 4^2, 3^5, 2^5\})$	352
24	$\mathcal{O}(0; \{8^2, 6, 4^2, 3^8, 2\})$	2720
24	$\mathcal{O}(0; \{8^2, 6, 4^4, 3^2, 2^6\})$	128
24	$\mathcal{O}(0; \{8^2, 6, 4^4, 3^5, 2^2\})$	1408
24	$\mathcal{O}(0; \{8^2, 6, 4^6, 3^2, 2^3\})$	512
24	$\mathcal{O}(0; \{8^2, 6, 4^8, 3^2\})$	2048
24	$\mathcal{O}(0; \{8^2, 6^2, 2^{13}\})$	8
24	$\mathcal{O}(0; \{8^2, 6^2, 3^3, 2^9\})$	40
24	$\mathcal{O}(0; \{8^2, 6^2, 3^6, 2^5\})$	344
24	$\mathcal{O}(0; \{8^2, 6^2, 3^9, 2\})$	2728
24	$\mathcal{O}(0; \{8^2, 6^2, 4^2, 2^{10}\})$	32
24	$\mathcal{O}(0; \{8^2, 6^2, 4^2, 3^3, 2^6\})$	160
24	$\mathcal{O}(0; \{8^2, 6^2, 4^2, 3^6, 2^2\})$	1376
24	$\mathcal{O}(0; \{8^2, 6^2, 4^4, 2^7\})$	128
24	$\mathcal{O}(0; \{8^2, 6^2, 4^4, 3^3, 2^3\})$	640
24	$\mathcal{O}(0; \{8^2, 6^2, 4^6, 2^4\})$	512
24	$\mathcal{O}(0; \{8^2, 6^2, 4^6, 3^3\})$	2560
24	$\mathcal{O}(0; \{8^2, 6^2, 4^8, 2\})$	2048
24	$\mathcal{O}(0; \{8^2, 6^3, 3, 2^{10}\})$	24
24	$\mathcal{O}(0; \{8^2, 6^3, 3^4, 2^6\})$	168
24	$\mathcal{O}(0; \{8^2, 6^3, 3^7, 2^2\})$	1368
24	$\mathcal{O}(0; \{8^2, 6^3, 4^2, 3, 2^7\})$	96
24	$\mathcal{O}(0; \{8^2, 6^3, 4^2, 3^4, 2^3\})$	672
24	$\mathcal{O}(0; \{8^2, 6^3, 4^4, 3, 2^4\})$	384
24	$\mathcal{O}(0; \{8^2, 6^3, 4^4, 3^4\})$	2688
24	$\mathcal{O}(0; \{8^2, 6^3, 4^6, 3, 2\})$	1536
24	$\mathcal{O}(0; \{8^2, 6^4, 3^2, 2^7\})$	88
24	$\mathcal{O}(0; \{8^2, 6^4, 3^5, 2^3\})$	680
24	$\mathcal{O}(0; \{8^2, 6^4, 4^2, 3^2, 2^4\})$	352
24	$\mathcal{O}(0; \{8^2, 6^4, 4^2, 3^5\})$	2720
24	$\mathcal{O}(0; \{8^2, 6^4, 4^4, 3^2, 2\})$	1408
24	$\mathcal{O}(0; \{8^2, 6^5, 2^8\})$	40
24	$\mathcal{O}(0; \{8^2, 6^5, 3^3, 2^4\})$	344
24	$\mathcal{O}(0; \{8^2, 6^5, 3^6\})$	2728
24	$\mathcal{O}(0; \{8^2, 6^5, 4^2, 2^5\})$	160
24	$\mathcal{O}(0; \{8^2, 6^5, 4^2, 3^3, 2\})$	1376
24	$\mathcal{O}(0; \{8^2, 6^5, 4^4, 2^2\})$	640
24	$\mathcal{O}(0; \{8^2, 6^6, 3, 2^5\})$	168
24	$\mathcal{O}(0; \{8^2, 6^6, 3^4, 2\})$	1368
24	$\mathcal{O}(0; \{8^2, 6^6, 4^2, 3, 2^2\})$	672
24	$\mathcal{O}(0; \{8^2, 6^7, 3^2, 2^2\})$	680
24	$\mathcal{O}(0; \{8^2, 6^8, 2^3\})$	344
24	$\mathcal{O}(0; \{8^2, 6^8, 4^2\})$	1376

Continued on next page

Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{8^2, 6^9, 3\})$	1368
24	$\mathcal{O}(0; \{8^4, 4, 3^4, 2^6\})$	768
24	$\mathcal{O}(0; \{8^4, 4, 3^7, 2^2\})$	5376
24	$\mathcal{O}(0; \{8^4, 4^3, 3^4, 2^3\})$	3072
24	$\mathcal{O}(0; \{8^4, 4^5, 3^4\})$	12288
24	$\mathcal{O}(0; \{8^4, 6, 4, 3^2, 2^7\})$	256
24	$\mathcal{O}(0; \{8^4, 6, 4, 3^5, 2^3\})$	2816
24	$\mathcal{O}(0; \{8^4, 6, 4^3, 3^2, 2^4\})$	1024
24	$\mathcal{O}(0; \{8^4, 6, 4^3, 3^5\})$	11264
24	$\mathcal{O}(0; \{8^4, 6, 4^5, 3^2, 2\})$	4096
24	$\mathcal{O}(0; \{8^4, 6^2, 4, 2^8\})$	256
24	$\mathcal{O}(0; \{8^4, 6^2, 4, 3^3, 2^4\})$	1280
24	$\mathcal{O}(0; \{8^4, 6^2, 4, 3^6\})$	11008
24	$\mathcal{O}(0; \{8^4, 6^2, 4^3, 2^5\})$	1024
24	$\mathcal{O}(0; \{8^4, 6^2, 4^3, 3^3, 2\})$	5120
24	$\mathcal{O}(0; \{8^4, 6^2, 4^5, 2^2\})$	4096
24	$\mathcal{O}(0; \{8^4, 6^3, 4, 3, 2^5\})$	768
24	$\mathcal{O}(0; \{8^4, 6^3, 4, 3^4, 2\})$	5376
24	$\mathcal{O}(0; \{8^4, 6^3, 4^3, 3, 2^2\})$	3072
24	$\mathcal{O}(0; \{8^4, 6^4, 4, 3^2, 2^2\})$	2816
24	$\mathcal{O}(0; \{8^4, 6^5, 4, 2^3\})$	1280
24	$\mathcal{O}(0; \{8^4, 6^5, 4^3\})$	5120
24	$\mathcal{O}(0; \{8^4, 6^6, 4, 3\})$	5376
24	$\mathcal{O}(0; \{8^6, 3^4, 2^4\})$	6144
24	$\mathcal{O}(0; \{8^6, 3^7\})$	43008
24	$\mathcal{O}(0; \{8^6, 4^2, 3^4, 2\})$	24576
24	$\mathcal{O}(0; \{8^6, 6, 3^2, 2^5\})$	2048
24	$\mathcal{O}(0; \{8^6, 6, 3^5, 2\})$	22528
24	$\mathcal{O}(0; \{8^6, 6, 4^2, 3^2, 2^2\})$	8192
24	$\mathcal{O}(0; \{8^6, 6^2, 2^6\})$	2048
24	$\mathcal{O}(0; \{8^6, 6^2, 3^3, 2^2\})$	10240
24	$\mathcal{O}(0; \{8^6, 6^2, 4^2, 2^3\})$	8192
24	$\mathcal{O}(0; \{8^6, 6^2, 4^4\})$	32768
24	$\mathcal{O}(0; \{8^6, 6^3, 3, 2^3\})$	6144
24	$\mathcal{O}(0; \{8^6, 6^3, 4^2, 3\})$	24576
24	$\mathcal{O}(0; \{8^6, 6^4, 3^2\})$	22528
24	$\mathcal{O}(0; \{8^6, 6^5, 2\})$	10240
24	$\mathcal{O}(0; \{8^8, 6, 4, 3^2\})$	65536
24	$\mathcal{O}(0; \{8^8, 6^2, 4, 2\})$	65536
24	$\mathcal{O}(0; \{12, 8^2, 4, 3^3, 2^9\})$	96
24	$\mathcal{O}(0; \{12, 8^2, 4, 3^6, 2^5\})$	672
24	$\mathcal{O}(0; \{12, 8^2, 4, 3^9, 2\})$	5472
24	$\mathcal{O}(0; \{12, 8^2, 4^3, 3^3, 2^6\})$	384

Continued on next page

Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12, 8^2, 4^3, 3^6, 2^2\})$	2688
24	$\mathcal{O}(0; \{12, 8^2, 4^5, 3^3, 2^3\})$	1536
24	$\mathcal{O}(0; \{12, 8^2, 4^7, 3^3\})$	6144
24	$\mathcal{O}(0; \{12, 8^2, 6, 4, 3, 2^{10}\})$	32
24	$\mathcal{O}(0; \{12, 8^2, 6, 4, 3^4, 2^6\})$	352
24	$\mathcal{O}(0; \{12, 8^2, 6, 4, 3^7, 2^2\})$	2720
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^3, 3, 2^7\})$	128
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^3, 3^4, 2^3\})$	1408
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^5, 3, 2^4\})$	512
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^5, 3^4\})$	5632
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^7, 3, 2\})$	2048
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4, 3^2, 2^7\})$	160
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4, 3^5, 2^3\})$	1376
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^3, 3^2, 2^4\})$	640
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^3, 3^5\})$	5504
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^5, 3^2, 2\})$	2560
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4, 2^8\})$	96
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4, 3^3, 2^4\})$	672
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4, 3^6\})$	5472
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4^3, 2^5\})$	384
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4^3, 3^3, 2\})$	2688
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4^5, 2^2\})$	1536
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 4, 3, 2^5\})$	352
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 4, 3^4, 2\})$	2720
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 4^3, 3, 2^2\})$	1408
24	$\mathcal{O}(0; \{12, 8^2, 6^5, 4, 3^2, 2^2\})$	1376
24	$\mathcal{O}(0; \{12, 8^2, 6^6, 4, 2^3\})$	672
24	$\mathcal{O}(0; \{12, 8^2, 6^6, 4^3\})$	2688
24	$\mathcal{O}(0; \{12, 8^2, 6^7, 4, 3\})$	2720
24	$\mathcal{O}(0; \{12, 8^4, 3^3, 2^7\})$	768
24	$\mathcal{O}(0; \{12, 8^4, 3^6, 2^3\})$	5376
24	$\mathcal{O}(0; \{12, 8^4, 4^2, 3^3, 2^4\})$	3072
24	$\mathcal{O}(0; \{12, 8^4, 4^2, 3^6\})$	21504
24	$\mathcal{O}(0; \{12, 8^4, 4^4, 3^3, 2\})$	12288
24	$\mathcal{O}(0; \{12, 8^4, 6, 3, 2^8\})$	256
24	$\mathcal{O}(0; \{12, 8^4, 6, 3^4, 2^4\})$	2816
24	$\mathcal{O}(0; \{12, 8^4, 6, 3^7\})$	21760
24	$\mathcal{O}(0; \{12, 8^4, 6, 4^2, 3, 2^5\})$	1024
24	$\mathcal{O}(0; \{12, 8^4, 6, 4^2, 3^4, 2\})$	11264
24	$\mathcal{O}(0; \{12, 8^4, 6, 4^4, 3, 2^2\})$	4096
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 3^2, 2^5\})$	1280
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 3^5, 2\})$	11008
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 4^2, 3^2, 2^2\})$	5120

Continued on next page

Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12, 8^4, 6^3, 2^6\})$	768
24	$\mathcal{O}(0; \{12, 8^4, 6^3, 3^3, 2^2\})$	5376
24	$\mathcal{O}(0; \{12, 8^4, 6^3, 4^2, 2^3\})$	3072
24	$\mathcal{O}(0; \{12, 8^4, 6^3, 4^4\})$	12288
24	$\mathcal{O}(0; \{12, 8^4, 6^4, 3, 2^3\})$	2816
24	$\mathcal{O}(0; \{12, 8^4, 6^4, 4^2, 3\})$	11264
24	$\mathcal{O}(0; \{12, 8^4, 6^5, 3^2\})$	11008
24	$\mathcal{O}(0; \{12, 8^4, 6^6, 2\})$	5376
24	$\mathcal{O}(0; \{12, 8^6, 4, 3^3, 2^2\})$	24576
24	$\mathcal{O}(0; \{12, 8^6, 6, 4, 3, 2^3\})$	8192
24	$\mathcal{O}(0; \{12, 8^6, 6, 4^3, 3\})$	32768
24	$\mathcal{O}(0; \{12, 8^6, 6^2, 4, 3^2\})$	40960
24	$\mathcal{O}(0; \{12, 8^6, 6^3, 4, 2\})$	24576
24	$\mathcal{O}(0; \{12, 8^8, 3^3\})$	196608
24	$\mathcal{O}(0; \{12, 8^8, 6, 3, 2\})$	65536
24	$\mathcal{O}(0; \{12^2, 8^2, 3^2, 2^{10}\})$	96
24	$\mathcal{O}(0; \{12^2, 8^2, 3^5, 2^6\})$	672
24	$\mathcal{O}(0; \{12^2, 8^2, 3^8, 2^2\})$	5472
24	$\mathcal{O}(0; \{12^2, 8^2, 4^2, 3^2, 2^7\})$	384
24	$\mathcal{O}(0; \{12^2, 8^2, 4^2, 3^5, 2^3\})$	2688
24	$\mathcal{O}(0; \{12^2, 8^2, 4^4, 3^2, 2^4\})$	1536
24	$\mathcal{O}(0; \{12^2, 8^2, 4^4, 3^5\})$	10752
24	$\mathcal{O}(0; \{12^2, 8^2, 4^6, 3^2, 2\})$	6144
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 2^{11}\})$	32
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 3^3, 2^7\})$	352
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 3^6, 2^3\})$	2720
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^2, 2^8\})$	128
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^2, 3^3, 2^4\})$	1408
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^2, 3^6\})$	10880
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^4, 2^5\})$	512
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^4, 3^3, 2\})$	5632
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^6, 2^2\})$	2048
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 3, 2^8\})$	160
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 3^4, 2^4\})$	1376
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 3^7\})$	10912
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4^2, 3, 2^5\})$	640
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4^2, 3^4, 2\})$	5504
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4^4, 3, 2^2\})$	2560
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 3^2, 2^5\})$	672
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 3^5, 2\})$	5472
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 4^2, 3^2, 2^2\})$	2688
24	$\mathcal{O}(0; \{12^2, 8^2, 6^4, 2^6\})$	352
24	$\mathcal{O}(0; \{12^2, 8^2, 6^4, 3^3, 2^2\})$	2720

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12^2, 8^2, 6^4, 4^2, 2^3\})$	1408
24	$\mathcal{O}(0; \{12^2, 8^2, 6^4, 4^4\})$	5632
24	$\mathcal{O}(0; \{12^2, 8^2, 6^5, 3, 2^3\})$	1376
24	$\mathcal{O}(0; \{12^2, 8^2, 6^5, 4^2, 3\})$	5504
24	$\mathcal{O}(0; \{12^2, 8^2, 6^6, 3^2\})$	5472
24	$\mathcal{O}(0; \{12^2, 8^2, 6^7, 2\})$	2720
24	$\mathcal{O}(0; \{12^2, 8^4, 4, 3^2, 2^5\})$	3072
24	$\mathcal{O}(0; \{12^2, 8^4, 4, 3^5, 2\})$	21504
24	$\mathcal{O}(0; \{12^2, 8^4, 4^3, 3^2, 2^2\})$	12288
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 4, 2^6\})$	1024
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 4, 3^3, 2^2\})$	11264
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 4^3, 2^3\})$	4096
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 4^5\})$	16384
24	$\mathcal{O}(0; \{12^2, 8^4, 6^2, 4, 3, 2^3\})$	5120
24	$\mathcal{O}(0; \{12^2, 8^4, 6^2, 4^3, 3\})$	20480
24	$\mathcal{O}(0; \{12^2, 8^4, 6^3, 4, 3^2\})$	21504
24	$\mathcal{O}(0; \{12^2, 8^4, 6^4, 4, 2\})$	11264
24	$\mathcal{O}(0; \{12^2, 8^6, 3^2, 2^3\})$	24576
24	$\mathcal{O}(0; \{12^2, 8^6, 4^2, 3^2\})$	98304
24	$\mathcal{O}(0; \{12^2, 8^6, 6, 2^4\})$	8192
24	$\mathcal{O}(0; \{12^2, 8^6, 6, 3^3\})$	90112
24	$\mathcal{O}(0; \{12^2, 8^6, 6, 4^2, 2\})$	32768
24	$\mathcal{O}(0; \{12^2, 8^6, 6^2, 3, 2\})$	40960
24	$\mathcal{O}(0; \{12^3, 8^2, 4, 3, 2^8\})$	384
24	$\mathcal{O}(0; \{12^3, 8^2, 4, 3^4, 2^4\})$	2688
24	$\mathcal{O}(0; \{12^3, 8^2, 4, 3^7\})$	21888
24	$\mathcal{O}(0; \{12^3, 8^2, 4^3, 3, 2^5\})$	1536
24	$\mathcal{O}(0; \{12^3, 8^2, 4^3, 3^4, 2\})$	10752
24	$\mathcal{O}(0; \{12^3, 8^2, 4^5, 3, 2^2\})$	6144
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4, 3^2, 2^5\})$	1408
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4, 3^5, 2\})$	10880
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4^3, 3^2, 2^2\})$	5632
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 4, 2^6\})$	640
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 4, 3^3, 2^2\})$	5504
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 4^3, 2^3\})$	2560
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 4^5\})$	10240
24	$\mathcal{O}(0; \{12^3, 8^2, 6^3, 4, 3, 2^3\})$	2688
24	$\mathcal{O}(0; \{12^3, 8^2, 6^3, 4^3, 3\})$	10752
24	$\mathcal{O}(0; \{12^3, 8^2, 6^4, 4, 3^2\})$	10880
24	$\mathcal{O}(0; \{12^3, 8^2, 6^5, 4, 2\})$	5504
24	$\mathcal{O}(0; \{12^3, 8^4, 3, 2^6\})$	3072
24	$\mathcal{O}(0; \{12^3, 8^4, 3^4, 2^2\})$	21504
24	$\mathcal{O}(0; \{12^3, 8^4, 4^2, 3, 2^3\})$	12288

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12^3, 8^4, 4^4, 3\})$	49152
24	$\mathcal{O}(0; \{12^3, 8^4, 6, 3^2, 2^3\})$	11264
24	$\mathcal{O}(0; \{12^3, 8^4, 6, 4^2, 3^2\})$	45056
24	$\mathcal{O}(0; \{12^3, 8^4, 6^2, 2^4\})$	5120
24	$\mathcal{O}(0; \{12^3, 8^4, 6^2, 3^3\})$	44032
24	$\mathcal{O}(0; \{12^3, 8^4, 6^2, 4^2, 2\})$	20480
24	$\mathcal{O}(0; \{12^3, 8^4, 6^3, 3, 2\})$	21504
24	$\mathcal{O}(0; \{12^3, 8^6, 4, 3, 2\})$	98304
24	$\mathcal{O}(0; \{12^4, 8^2, 2^9\})$	384
24	$\mathcal{O}(0; \{12^4, 8^2, 3^3, 2^5\})$	2688
24	$\mathcal{O}(0; \{12^4, 8^2, 3^6, 2\})$	21888
24	$\mathcal{O}(0; \{12^4, 8^2, 4^2, 2^6\})$	1536
24	$\mathcal{O}(0; \{12^4, 8^2, 4^2, 3^3, 2^2\})$	10752
24	$\mathcal{O}(0; \{12^4, 8^2, 4^4, 2^3\})$	6144
24	$\mathcal{O}(0; \{12^4, 8^2, 4^6\})$	24576
24	$\mathcal{O}(0; \{12^4, 8^2, 6, 3, 2^6\})$	1408
24	$\mathcal{O}(0; \{12^4, 8^2, 6, 3^4, 2^2\})$	10880
24	$\mathcal{O}(0; \{12^4, 8^2, 6, 4^2, 3, 2^3\})$	5632
24	$\mathcal{O}(0; \{12^4, 8^2, 6, 4^4, 3\})$	22528
24	$\mathcal{O}(0; \{12^4, 8^2, 6^2, 3^2, 2^3\})$	5504
24	$\mathcal{O}(0; \{12^4, 8^2, 6^2, 4^2, 3^2\})$	22016
24	$\mathcal{O}(0; \{12^4, 8^2, 6^3, 2^4\})$	2688
24	$\mathcal{O}(0; \{12^4, 8^2, 6^3, 3^3\})$	21888
24	$\mathcal{O}(0; \{12^4, 8^2, 6^3, 4^2, 2\})$	10752
24	$\mathcal{O}(0; \{12^4, 8^2, 6^4, 3, 2\})$	10880
24	$\mathcal{O}(0; \{12^4, 8^4, 4, 2^4\})$	12288
24	$\mathcal{O}(0; \{12^4, 8^4, 4, 3^3\})$	86016
24	$\mathcal{O}(0; \{12^4, 8^4, 4^3, 2\})$	49152
24	$\mathcal{O}(0; \{12^4, 8^4, 6, 4, 3, 2\})$	45056
24	$\mathcal{O}(0; \{12^4, 8^6, 2^2\})$	98304
24	$\mathcal{O}(0; \{12^5, 8^2, 4, 3^2, 2^3\})$	10752
24	$\mathcal{O}(0; \{12^5, 8^2, 4^3, 3^2\})$	43008
24	$\mathcal{O}(0; \{12^5, 8^2, 6, 4, 2^4\})$	5632
24	$\mathcal{O}(0; \{12^5, 8^2, 6, 4, 3^3\})$	43520
24	$\mathcal{O}(0; \{12^5, 8^2, 6, 4^3, 2\})$	22528
24	$\mathcal{O}(0; \{12^5, 8^2, 6^2, 4, 3, 2\})$	22016
24	$\mathcal{O}(0; \{12^5, 8^4, 3^2, 2\})$	86016
24	$\mathcal{O}(0; \{12^5, 8^4, 6, 2^2\})$	45056
24	$\mathcal{O}(0; \{12^6, 8^2, 3, 2^4\})$	10752
24	$\mathcal{O}(0; \{12^6, 8^2, 3^4\})$	87552
24	$\mathcal{O}(0; \{12^6, 8^2, 4^2, 3, 2\})$	43008
24	$\mathcal{O}(0; \{12^6, 8^2, 6, 3^2, 2\})$	43520
24	$\mathcal{O}(0; \{12^6, 8^2, 6^2, 2^2\})$	22016

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12^7, 8^2, 4, 2^2\})$	43008
24	$\mathcal{O}(0; \{12^7, 8^4\})$	344064
24	$\mathcal{O}(0; \{12^8, 8^2, 6\})$	174080
24	$\mathcal{O}(0; \{24, 8, 4, 3^2, 2^{12}\})$	16
24	$\mathcal{O}(0; \{24, 8, 4, 3^5, 2^8\})$	176
24	$\mathcal{O}(0; \{24, 8, 4, 3^8, 2^4\})$	1360
24	$\mathcal{O}(0; \{24, 8, 4, 3^{11}\})$	10928
24	$\mathcal{O}(0; \{24, 8, 4^3, 3^2, 2^9\})$	64
24	$\mathcal{O}(0; \{24, 8, 4^3, 3^5, 2^5\})$	704
24	$\mathcal{O}(0; \{24, 8, 4^3, 3^8, 2\})$	5440
24	$\mathcal{O}(0; \{24, 8, 4^5, 3^2, 2^6\})$	256
24	$\mathcal{O}(0; \{24, 8, 4^5, 3^5, 2^2\})$	2816
24	$\mathcal{O}(0; \{24, 8, 4^7, 3^2, 2^3\})$	1024
24	$\mathcal{O}(0; \{24, 8, 4^9, 3^2\})$	4096
24	$\mathcal{O}(0; \{24, 8, 6, 4, 2^{13}\})$	16
24	$\mathcal{O}(0; \{24, 8, 6, 4, 3^3, 2^9\})$	80
24	$\mathcal{O}(0; \{24, 8, 6, 4, 3^6, 2^5\})$	688
24	$\mathcal{O}(0; \{24, 8, 6, 4, 3^9, 2\})$	5456
24	$\mathcal{O}(0; \{24, 8, 6, 4^3, 2^{10}\})$	64
24	$\mathcal{O}(0; \{24, 8, 6, 4^3, 3^3, 2^6\})$	320
24	$\mathcal{O}(0; \{24, 8, 6, 4^3, 3^6, 2^2\})$	2752
24	$\mathcal{O}(0; \{24, 8, 6, 4^5, 2^7\})$	256
24	$\mathcal{O}(0; \{24, 8, 6, 4^5, 3^3, 2^3\})$	1280
24	$\mathcal{O}(0; \{24, 8, 6, 4^7, 2^4\})$	1024
24	$\mathcal{O}(0; \{24, 8, 6, 4^7, 3^3\})$	5120
24	$\mathcal{O}(0; \{24, 8, 6, 4^9, 2\})$	4096
24	$\mathcal{O}(0; \{24, 8, 6^2, 4, 3, 2^{10}\})$	48
24	$\mathcal{O}(0; \{24, 8, 6^2, 4, 3^4, 2^6\})$	336
24	$\mathcal{O}(0; \{24, 8, 6^2, 4, 3^7, 2^2\})$	2736
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^3, 3, 2^7\})$	192
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^3, 3^4, 2^3\})$	1344
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^5, 3, 2^4\})$	768
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^5, 3^4\})$	5376
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^7, 3, 2\})$	3072
24	$\mathcal{O}(0; \{24, 8, 6^3, 4, 3^2, 2^7\})$	176
24	$\mathcal{O}(0; \{24, 8, 6^3, 4, 3^5, 2^3\})$	1360
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^3, 3^2, 2^4\})$	704
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^3, 3^5\})$	5440
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^5, 3^2, 2\})$	2816
24	$\mathcal{O}(0; \{24, 8, 6^4, 4, 2^8\})$	80
24	$\mathcal{O}(0; \{24, 8, 6^4, 4, 3^3, 2^4\})$	688
24	$\mathcal{O}(0; \{24, 8, 6^4, 4, 3^6\})$	5456
24	$\mathcal{O}(0; \{24, 8, 6^4, 4^3, 2^5\})$	320

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 8, 6^4, 4^3, 3^3, 2\})$	2752
24	$\mathcal{O}(0; \{24, 8, 6^4, 4^5, 2^2\})$	1280
24	$\mathcal{O}(0; \{24, 8, 6^5, 4, 3, 2^5\})$	336
24	$\mathcal{O}(0; \{24, 8, 6^5, 4, 3^4, 2\})$	2736
24	$\mathcal{O}(0; \{24, 8, 6^5, 4^3, 3, 2^2\})$	1344
24	$\mathcal{O}(0; \{24, 8, 6^6, 4, 3^2, 2^2\})$	1360
24	$\mathcal{O}(0; \{24, 8, 6^7, 4, 2^3\})$	688
24	$\mathcal{O}(0; \{24, 8, 6^7, 4^3\})$	2752
24	$\mathcal{O}(0; \{24, 8, 6^8, 4, 3\})$	2736
24	$\mathcal{O}(0; \{24, 8^3, 3^2, 2^{10}\})$	128
24	$\mathcal{O}(0; \{24, 8^3, 3^5, 2^6\})$	1408
24	$\mathcal{O}(0; \{24, 8^3, 3^8, 2^2\})$	10880
24	$\mathcal{O}(0; \{24, 8^3, 4^2, 3^2, 2^7\})$	512
24	$\mathcal{O}(0; \{24, 8^3, 4^2, 3^5, 2^3\})$	5632
24	$\mathcal{O}(0; \{24, 8^3, 4^4, 3^2, 2^4\})$	2048
24	$\mathcal{O}(0; \{24, 8^3, 4^4, 3^5\})$	22528
24	$\mathcal{O}(0; \{24, 8^3, 4^6, 3^2, 2\})$	8192
24	$\mathcal{O}(0; \{24, 8^3, 6, 2^{11}\})$	128
24	$\mathcal{O}(0; \{24, 8^3, 6, 3^3, 2^7\})$	640
24	$\mathcal{O}(0; \{24, 8^3, 6, 3^6, 2^3\})$	5504
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^2, 2^8\})$	512
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^2, 3^3, 2^4\})$	2560
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^2, 3^6\})$	22016
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^4, 2^5\})$	2048
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^4, 3^3, 2\})$	10240
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^6, 2^2\})$	8192
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 3, 2^8\})$	384
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 3^4, 2^4\})$	2688
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 3^7\})$	21888
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4^2, 3, 2^5\})$	1536
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4^2, 3^4, 2\})$	10752
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4^4, 3, 2^2\})$	6144
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 3^2, 2^5\})$	1408
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 3^5, 2\})$	10880
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 4^2, 3^2, 2^2\})$	5632
24	$\mathcal{O}(0; \{24, 8^3, 6^4, 2^6\})$	640
24	$\mathcal{O}(0; \{24, 8^3, 6^4, 3^3, 2^2\})$	5504
24	$\mathcal{O}(0; \{24, 8^3, 6^4, 4^2, 2^3\})$	2560
24	$\mathcal{O}(0; \{24, 8^3, 6^4, 4^4\})$	10240
24	$\mathcal{O}(0; \{24, 8^3, 6^5, 3, 2^3\})$	2688
24	$\mathcal{O}(0; \{24, 8^3, 6^5, 4^2, 3\})$	10752
24	$\mathcal{O}(0; \{24, 8^3, 6^6, 3^2\})$	10880
24	$\mathcal{O}(0; \{24, 8^3, 6^7, 2\})$	5504

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 8^5, 4, 3^2, 2^5\})$	4096
24	$\mathcal{O}(0; \{24, 8^5, 4, 3^5, 2\})$	45056
24	$\mathcal{O}(0; \{24, 8^5, 4^3, 3^2, 2^2\})$	16384
24	$\mathcal{O}(0; \{24, 8^5, 6, 4, 2^6\})$	4096
24	$\mathcal{O}(0; \{24, 8^5, 6, 4, 3^3, 2^2\})$	20480
24	$\mathcal{O}(0; \{24, 8^5, 6, 4^3, 2^3\})$	16384
24	$\mathcal{O}(0; \{24, 8^5, 6, 4^5\})$	65536
24	$\mathcal{O}(0; \{24, 8^5, 6^2, 4, 3, 2^3\})$	12288
24	$\mathcal{O}(0; \{24, 8^5, 6^2, 4^3, 3\})$	49152
24	$\mathcal{O}(0; \{24, 8^5, 6^3, 4, 3^2\})$	45056
24	$\mathcal{O}(0; \{24, 8^5, 6^4, 4, 2\})$	20480
24	$\mathcal{O}(0; \{24, 8^7, 3^2, 2^3\})$	32768
24	$\mathcal{O}(0; \{24, 8^7, 4^2, 3^2\})$	131072
24	$\mathcal{O}(0; \{24, 8^7, 6, 2^4\})$	32768
24	$\mathcal{O}(0; \{24, 8^7, 6, 3^3\})$	163840
24	$\mathcal{O}(0; \{24, 8^7, 6, 4^2, 2\})$	131072
24	$\mathcal{O}(0; \{24, 8^7, 6^2, 3, 2\})$	98304
24	$\mathcal{O}(0; \{24, 12, 8, 3, 2^{13}\})$	16
24	$\mathcal{O}(0; \{24, 12, 8, 3^4, 2^9\})$	176
24	$\mathcal{O}(0; \{24, 12, 8, 3^7, 2^5\})$	1360
24	$\mathcal{O}(0; \{24, 12, 8, 3^{10}, 2\})$	10928
24	$\mathcal{O}(0; \{24, 12, 8, 4^2, 3, 2^{10}\})$	64
24	$\mathcal{O}(0; \{24, 12, 8, 4^2, 3^4, 2^6\})$	704
24	$\mathcal{O}(0; \{24, 12, 8, 4^2, 3^7, 2^2\})$	5440
24	$\mathcal{O}(0; \{24, 12, 8, 4^4, 3, 2^7\})$	256
24	$\mathcal{O}(0; \{24, 12, 8, 4^4, 3^4, 2^3\})$	2816
24	$\mathcal{O}(0; \{24, 12, 8, 4^6, 3, 2^4\})$	1024
24	$\mathcal{O}(0; \{24, 12, 8, 4^6, 3^4\})$	11264
24	$\mathcal{O}(0; \{24, 12, 8, 4^8, 3, 2\})$	4096
24	$\mathcal{O}(0; \{24, 12, 8, 6, 3^2, 2^{10}\})$	80
24	$\mathcal{O}(0; \{24, 12, 8, 6, 3^5, 2^6\})$	688
24	$\mathcal{O}(0; \{24, 12, 8, 6, 3^8, 2^2\})$	5456
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^2, 3^2, 2^7\})$	320
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^2, 3^5, 2^3\})$	2752
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^4, 3^2, 2^4\})$	1280
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^4, 3^5\})$	11008
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^6, 3^2, 2\})$	5120
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 2^{11}\})$	48
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 3^3, 2^7\})$	336
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 3^6, 2^3\})$	2736
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^2, 2^8\})$	192
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^2, 3^3, 2^4\})$	1344
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^2, 3^6\})$	10944

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^4, 2^5\})$	768
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^4, 3^3, 2\})$	5376
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^6, 2^2\})$	3072
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 3, 2^8\})$	176
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 3^4, 2^4\})$	1360
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 3^7\})$	10928
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4^2, 3, 2^5\})$	704
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4^2, 3^4, 2\})$	5440
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4^4, 3, 2^2\})$	2816
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 3^2, 2^5\})$	688
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 3^5, 2\})$	5456
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 4^2, 3^2, 2^2\})$	2752
24	$\mathcal{O}(0; \{24, 12, 8, 6^5, 2^6\})$	336
24	$\mathcal{O}(0; \{24, 12, 8, 6^5, 3^3, 2^2\})$	2736
24	$\mathcal{O}(0; \{24, 12, 8, 6^5, 4^2, 2^3\})$	1344
24	$\mathcal{O}(0; \{24, 12, 8, 6^5, 4^4\})$	5376
24	$\mathcal{O}(0; \{24, 12, 8, 6^6, 3, 2^3\})$	1360
24	$\mathcal{O}(0; \{24, 12, 8, 6^6, 4^2, 3\})$	5440
24	$\mathcal{O}(0; \{24, 12, 8, 6^7, 3^2\})$	5456
24	$\mathcal{O}(0; \{24, 12, 8, 6^8, 2\})$	2736
24	$\mathcal{O}(0; \{24, 12, 8^3, 4, 3, 2^8\})$	512
24	$\mathcal{O}(0; \{24, 12, 8^3, 4, 3^4, 2^4\})$	5632
24	$\mathcal{O}(0; \{24, 12, 8^3, 4, 3^7\})$	43520
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^3, 3, 2^5\})$	2048
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^3, 3^4, 2\})$	22528
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^5, 3, 2^2\})$	8192
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4, 3^2, 2^5\})$	2560
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4, 3^5, 2\})$	22016
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4^3, 3^2, 2^2\})$	10240
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 4, 2^6\})$	1536
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 4, 3^3, 2^2\})$	10752
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 4^3, 2^3\})$	6144
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 4^5\})$	24576
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^3, 4, 3, 2^3\})$	5632
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^3, 4^3, 3\})$	22528
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^4, 4, 3^2\})$	22016
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^5, 4, 2\})$	10752
24	$\mathcal{O}(0; \{24, 12, 8^5, 3, 2^6\})$	4096
24	$\mathcal{O}(0; \{24, 12, 8^5, 3^4, 2^2\})$	45056
24	$\mathcal{O}(0; \{24, 12, 8^5, 4^2, 3, 2^3\})$	16384
24	$\mathcal{O}(0; \{24, 12, 8^5, 4^4, 3\})$	65536
24	$\mathcal{O}(0; \{24, 12, 8^5, 6, 3^2, 2^3\})$	20480
24	$\mathcal{O}(0; \{24, 12, 8^5, 6, 4^2, 3^2\})$	81920

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12, 8^5, 6^2, 2^4\})$	12288
24	$\mathcal{O}(0; \{24, 12, 8^5, 6^2, 3^3\})$	86016
24	$\mathcal{O}(0; \{24, 12, 8^5, 6^2, 4^2, 2\})$	49152
24	$\mathcal{O}(0; \{24, 12, 8^5, 6^3, 3, 2\})$	45056
24	$\mathcal{O}(0; \{24, 12, 8^7, 4, 3, 2\})$	131072
24	$\mathcal{O}(0; \{24, 12^2, 8, 4, 2^{11}\})$	64
24	$\mathcal{O}(0; \{24, 12^2, 8, 4, 3^3, 2^7\})$	704
24	$\mathcal{O}(0; \{24, 12^2, 8, 4, 3^6, 2^3\})$	5440
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^3, 2^8\})$	256
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^3, 3^3, 2^4\})$	2816
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^3, 3^6\})$	21760
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^5, 2^5\})$	1024
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^5, 3^3, 2\})$	11264
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^7, 2^2\})$	4096
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4, 3, 2^8\})$	320
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4, 3^4, 2^4\})$	2752
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4, 3^7\})$	21824
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^3, 3, 2^5\})$	1280
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^3, 3^4, 2\})$	11008
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^5, 3, 2^2\})$	5120
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4, 3^2, 2^5\})$	1344
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4, 3^5, 2\})$	10944
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4^3, 3^2, 2^2\})$	5376
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 4, 2^6\})$	704
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 4, 3^3, 2^2\})$	5440
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 4^3, 2^3\})$	2816
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 4^5\})$	11264
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^4, 4, 3, 2^3\})$	2752
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^4, 4^3, 3\})$	11008
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^5, 4, 3^2\})$	10944
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^6, 4, 2\})$	5440
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 2^9\})$	512
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 3^3, 2^5\})$	5632
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 3^6, 2\})$	43520
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4^2, 2^6\})$	2048
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4^2, 3^3, 2^2\})$	22528
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4^4, 2^3\})$	8192
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4^6\})$	32768
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6, 3, 2^6\})$	2560
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6, 3^4, 2^2\})$	22016
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6, 4^2, 3, 2^3\})$	10240
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6, 4^4, 3\})$	40960
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^2, 3^2, 2^3\})$	10752

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^2, 4^2, 3^2\})$	43008
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^3, 2^4\})$	5632
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^3, 3^3\})$	43520
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^3, 4^2, 2\})$	22528
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^4, 3, 2\})$	22016
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 4, 2^4\})$	16384
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 4, 3^3\})$	180224
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 4^3, 2\})$	65536
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 6, 4, 3, 2\})$	81920
24	$\mathcal{O}(0; \{24, 12^2, 8^7, 2^2\})$	131072
24	$\mathcal{O}(0; \{24, 12^3, 8, 3^2, 2^8\})$	704
24	$\mathcal{O}(0; \{24, 12^3, 8, 3^5, 2^4\})$	5440
24	$\mathcal{O}(0; \{24, 12^3, 8, 3^8\})$	43712
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^2, 3^2, 2^5\})$	2816
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^2, 3^5, 2\})$	21760
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^4, 3^2, 2^2\})$	11264
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 2^9\})$	320
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 3^3, 2^5\})$	2752
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 3^6, 2\})$	21824
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4^2, 2^6\})$	1280
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4^2, 3^3, 2^2\})$	11008
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4^4, 2^3\})$	5120
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4^6\})$	20480
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^2, 3, 2^6\})$	1344
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^2, 3^4, 2^2\})$	10944
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^2, 4^2, 3, 2^3\})$	5376
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^2, 4^4, 3\})$	21504
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^3, 3^2, 2^3\})$	5440
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^3, 4^2, 3^2\})$	21760
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^4, 2^4\})$	2752
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^4, 3^3\})$	21824
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^4, 4^2, 2\})$	11008
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^5, 3, 2\})$	10944
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 4, 3^2, 2^3\})$	22528
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 4^3, 3^2\})$	90112
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6, 4, 2^4\})$	10240
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6, 4, 3^3\})$	88064
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6, 4^3, 2\})$	40960
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6^2, 4, 3, 2\})$	43008
24	$\mathcal{O}(0; \{24, 12^3, 8^5, 3^2, 2\})$	180224
24	$\mathcal{O}(0; \{24, 12^3, 8^5, 6, 2^2\})$	81920
24	$\mathcal{O}(0; \{24, 12^4, 8, 4, 3, 2^6\})$	2816
24	$\mathcal{O}(0; \{24, 12^4, 8, 4, 3^4, 2^2\})$	21760

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12^4, 8, 4^3, 3, 2^3\})$	11264
24	$\mathcal{O}(0; \{24, 12^4, 8, 4^5, 3\})$	45056
24	$\mathcal{O}(0; \{24, 12^4, 8, 6, 4, 3^2, 2^3\})$	11008
24	$\mathcal{O}(0; \{24, 12^4, 8, 6, 4^3, 3^2\})$	44032
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^2, 4, 2^4\})$	5376
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^2, 4, 3^3\})$	43776
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^2, 4^3, 2\})$	21504
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^3, 4, 3, 2\})$	21760
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 3, 2^4\})$	22528
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 3^4\})$	174080
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 4^2, 3, 2\})$	90112
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 6, 3^2, 2\})$	88064
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 6^2, 2^2\})$	43008
24	$\mathcal{O}(0; \{24, 12^5, 8, 2^7\})$	2816
24	$\mathcal{O}(0; \{24, 12^5, 8, 3^3, 2^3\})$	21760
24	$\mathcal{O}(0; \{24, 12^5, 8, 4^2, 2^4\})$	11264
24	$\mathcal{O}(0; \{24, 12^5, 8, 4^2, 3^3\})$	87040
24	$\mathcal{O}(0; \{24, 12^5, 8, 4^4, 2\})$	45056
24	$\mathcal{O}(0; \{24, 12^5, 8, 6, 3, 2^4\})$	11008
24	$\mathcal{O}(0; \{24, 12^5, 8, 6, 3^4\})$	87296
24	$\mathcal{O}(0; \{24, 12^5, 8, 6, 4^2, 3, 2\})$	44032
24	$\mathcal{O}(0; \{24, 12^5, 8, 6^2, 3^2, 2\})$	43776
24	$\mathcal{O}(0; \{24, 12^5, 8, 6^3, 2^2\})$	21760
24	$\mathcal{O}(0; \{24, 12^5, 8^3, 4, 2^2\})$	90112
24	$\mathcal{O}(0; \{24, 12^5, 8^5\})$	720896
24	$\mathcal{O}(0; \{24, 12^6, 8, 4, 3^2, 2\})$	87040
24	$\mathcal{O}(0; \{24, 12^6, 8, 6, 4, 2^2\})$	44032
24	$\mathcal{O}(0; \{24, 12^6, 8^3, 6\})$	352256
24	$\mathcal{O}(0; \{24, 12^7, 8, 3, 2^2\})$	87040
24	$\mathcal{O}(0; \{24, 12^7, 8, 6^2\})$	175104
24	$\mathcal{O}(0; \{24, 12^8, 8, 4\})$	348160
24	$\mathcal{O}(0; \{24^2, 2^{16}\})$	8
24	$\mathcal{O}(0; \{24^2, 3^3, 2^{12}\})$	40
24	$\mathcal{O}(0; \{24^2, 3^6, 2^8\})$	344
24	$\mathcal{O}(0; \{24^2, 3^9, 2^4\})$	2728
24	$\mathcal{O}(0; \{24^2, 3^{12}\})$	21848
24	$\mathcal{O}(0; \{24^2, 4^2, 2^{13}\})$	32
24	$\mathcal{O}(0; \{24^2, 4^2, 3^3, 2^9\})$	160
24	$\mathcal{O}(0; \{24^2, 4^2, 3^6, 2^5\})$	1376
24	$\mathcal{O}(0; \{24^2, 4^2, 3^9, 2\})$	10912
24	$\mathcal{O}(0; \{24^2, 4^4, 2^{10}\})$	128
24	$\mathcal{O}(0; \{24^2, 4^4, 3^3, 2^6\})$	640
24	$\mathcal{O}(0; \{24^2, 4^4, 3^6, 2^2\})$	5504

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 4^6, 2^7\})$	512
24	$\mathcal{O}(0; \{24^2, 4^6, 3^3, 2^3\})$	2560
24	$\mathcal{O}(0; \{24^2, 4^8, 2^4\})$	2048
24	$\mathcal{O}(0; \{24^2, 4^8, 3^3\})$	10240
24	$\mathcal{O}(0; \{24^2, 4^{10}, 2\})$	8192
24	$\mathcal{O}(0; \{24^2, 6, 3, 2^{13}\})$	24
24	$\mathcal{O}(0; \{24^2, 6, 3^4, 2^9\})$	168
24	$\mathcal{O}(0; \{24^2, 6, 3^7, 2^5\})$	1368
24	$\mathcal{O}(0; \{24^2, 6, 3^{10}, 2\})$	10920
24	$\mathcal{O}(0; \{24^2, 6, 4^2, 3, 2^{10}\})$	96
24	$\mathcal{O}(0; \{24^2, 6, 4^2, 3^4, 2^6\})$	672
24	$\mathcal{O}(0; \{24^2, 6, 4^2, 3^7, 2^2\})$	5472
24	$\mathcal{O}(0; \{24^2, 6, 4^4, 3, 2^7\})$	384
24	$\mathcal{O}(0; \{24^2, 6, 4^4, 3^4, 2^3\})$	2688
24	$\mathcal{O}(0; \{24^2, 6, 4^6, 3, 2^4\})$	1536
24	$\mathcal{O}(0; \{24^2, 6, 4^6, 3^4\})$	10752
24	$\mathcal{O}(0; \{24^2, 6, 4^8, 3, 2\})$	6144
24	$\mathcal{O}(0; \{24^2, 6^2, 3^2, 2^{10}\})$	88
24	$\mathcal{O}(0; \{24^2, 6^2, 3^5, 2^6\})$	680
24	$\mathcal{O}(0; \{24^2, 6^2, 3^8, 2^2\})$	5464
24	$\mathcal{O}(0; \{24^2, 6^2, 4^2, 3^2, 2^7\})$	352
24	$\mathcal{O}(0; \{24^2, 6^2, 4^2, 3^5, 2^3\})$	2720
24	$\mathcal{O}(0; \{24^2, 6^2, 4^4, 3^2, 2^4\})$	1408
24	$\mathcal{O}(0; \{24^2, 6^2, 4^4, 3^5\})$	10880
24	$\mathcal{O}(0; \{24^2, 6^2, 4^6, 3^2, 2\})$	5632
24	$\mathcal{O}(0; \{24^2, 6^3, 2^{11}\})$	40
24	$\mathcal{O}(0; \{24^2, 6^3, 3^3, 2^7\})$	344
24	$\mathcal{O}(0; \{24^2, 6^3, 3^6, 2^3\})$	2728
24	$\mathcal{O}(0; \{24^2, 6^3, 4^2, 2^8\})$	160
24	$\mathcal{O}(0; \{24^2, 6^3, 4^2, 3^3, 2^4\})$	1376
24	$\mathcal{O}(0; \{24^2, 6^3, 4^2, 3^6\})$	10912
24	$\mathcal{O}(0; \{24^2, 6^3, 4^4, 2^5\})$	640
24	$\mathcal{O}(0; \{24^2, 6^3, 4^4, 3^3, 2\})$	5504
24	$\mathcal{O}(0; \{24^2, 6^3, 4^6, 2^2\})$	2560
24	$\mathcal{O}(0; \{24^2, 6^4, 3, 2^8\})$	168
24	$\mathcal{O}(0; \{24^2, 6^4, 3^4, 2^4\})$	1368
24	$\mathcal{O}(0; \{24^2, 6^4, 3^7\})$	10920
24	$\mathcal{O}(0; \{24^2, 6^4, 4^2, 3, 2^5\})$	672
24	$\mathcal{O}(0; \{24^2, 6^4, 4^2, 3^4, 2\})$	5472
24	$\mathcal{O}(0; \{24^2, 6^4, 4^4, 3, 2^2\})$	2688
24	$\mathcal{O}(0; \{24^2, 6^5, 3^2, 2^5\})$	680
24	$\mathcal{O}(0; \{24^2, 6^5, 3^5, 2\})$	5464
24	$\mathcal{O}(0; \{24^2, 6^5, 4^2, 3^2, 2^2\})$	2720

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 6^6, 2^6\})$	344
24	$\mathcal{O}(0; \{24^2, 6^6, 3^3, 2^2\})$	2728
24	$\mathcal{O}(0; \{24^2, 6^6, 4^2, 2^3\})$	1376
24	$\mathcal{O}(0; \{24^2, 6^6, 4^4\})$	5504
24	$\mathcal{O}(0; \{24^2, 6^7, 3, 2^3\})$	1368
24	$\mathcal{O}(0; \{24^2, 6^7, 4^2, 3\})$	5472
24	$\mathcal{O}(0; \{24^2, 6^8, 3^2\})$	5464
24	$\mathcal{O}(0; \{24^2, 6^9, 2\})$	2728
24	$\mathcal{O}(0; \{24^2, 8^2, 4, 2^{11}\})$	256
24	$\mathcal{O}(0; \{24^2, 8^2, 4, 3^3, 2^7\})$	1280
24	$\mathcal{O}(0; \{24^2, 8^2, 4, 3^6, 2^3\})$	11008
24	$\mathcal{O}(0; \{24^2, 8^2, 4^3, 2^8\})$	1024
24	$\mathcal{O}(0; \{24^2, 8^2, 4^3, 3^3, 2^4\})$	5120
24	$\mathcal{O}(0; \{24^2, 8^2, 4^3, 3^6\})$	44032
24	$\mathcal{O}(0; \{24^2, 8^2, 4^5, 2^5\})$	4096
24	$\mathcal{O}(0; \{24^2, 8^2, 4^5, 3^3, 2\})$	20480
24	$\mathcal{O}(0; \{24^2, 8^2, 4^7, 2^2\})$	16384
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4, 3, 2^8\})$	768
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4, 3^4, 2^4\})$	5376
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4, 3^7\})$	43776
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^3, 3, 2^5\})$	3072
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^3, 3^4, 2\})$	21504
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^5, 3, 2^2\})$	12288
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4, 3^2, 2^5\})$	2816
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4, 3^5, 2\})$	21760
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4^3, 3^2, 2^2\})$	11264
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 4, 2^6\})$	1280
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 4, 3^3, 2^2\})$	11008
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 4^3, 2^3\})$	5120
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 4^5\})$	20480
24	$\mathcal{O}(0; \{24^2, 8^2, 6^4, 4, 3, 2^3\})$	5376
24	$\mathcal{O}(0; \{24^2, 8^2, 6^4, 4^3, 3\})$	21504
24	$\mathcal{O}(0; \{24^2, 8^2, 6^5, 4, 3^2\})$	21760
24	$\mathcal{O}(0; \{24^2, 8^2, 6^6, 4, 2\})$	11008
24	$\mathcal{O}(0; \{24^2, 8^4, 2^9\})$	2048
24	$\mathcal{O}(0; \{24^2, 8^4, 3^3, 2^5\})$	10240
24	$\mathcal{O}(0; \{24^2, 8^4, 3^6, 2\})$	88064
24	$\mathcal{O}(0; \{24^2, 8^4, 4^2, 2^6\})$	8192
24	$\mathcal{O}(0; \{24^2, 8^4, 4^2, 3^3, 2^2\})$	40960
24	$\mathcal{O}(0; \{24^2, 8^4, 4^4, 2^3\})$	32768
24	$\mathcal{O}(0; \{24^2, 8^4, 4^6\})$	131072
24	$\mathcal{O}(0; \{24^2, 8^4, 6, 3, 2^6\})$	6144
24	$\mathcal{O}(0; \{24^2, 8^4, 6, 3^4, 2^2\})$	43008

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 8^4, 6, 4^2, 3, 2^3\})$	24576
24	$\mathcal{O}(0; \{24^2, 8^4, 6, 4^4, 3\})$	98304
24	$\mathcal{O}(0; \{24^2, 8^4, 6^2, 3^2, 2^3\})$	22528
24	$\mathcal{O}(0; \{24^2, 8^4, 6^2, 4^2, 3^2\})$	90112
24	$\mathcal{O}(0; \{24^2, 8^4, 6^3, 2^4\})$	10240
24	$\mathcal{O}(0; \{24^2, 8^4, 6^3, 3^3\})$	88064
24	$\mathcal{O}(0; \{24^2, 8^4, 6^3, 4^2, 2\})$	40960
24	$\mathcal{O}(0; \{24^2, 8^4, 6^4, 3, 2\})$	43008
24	$\mathcal{O}(0; \{24^2, 8^6, 4, 2^4\})$	65536
24	$\mathcal{O}(0; \{24^2, 8^6, 4, 3^3\})$	327680
24	$\mathcal{O}(0; \{24^2, 8^6, 4^3, 2\})$	262144
24	$\mathcal{O}(0; \{24^2, 8^6, 6, 4, 3, 2\})$	196608
24	$\mathcal{O}(0; \{24^2, 8^8, 2^2\})$	524288
24	$\mathcal{O}(0; \{24^2, 12, 4, 3^2, 2^{10}\})$	160
24	$\mathcal{O}(0; \{24^2, 12, 4, 3^5, 2^6\})$	1376
24	$\mathcal{O}(0; \{24^2, 12, 4, 3^8, 2^2\})$	10912
24	$\mathcal{O}(0; \{24^2, 12, 4^3, 3^2, 2^7\})$	640
24	$\mathcal{O}(0; \{24^2, 12, 4^3, 3^5, 2^3\})$	5504
24	$\mathcal{O}(0; \{24^2, 12, 4^5, 3^2, 2^4\})$	2560
24	$\mathcal{O}(0; \{24^2, 12, 4^5, 3^5\})$	22016
24	$\mathcal{O}(0; \{24^2, 12, 4^7, 3^2, 2\})$	10240
24	$\mathcal{O}(0; \{24^2, 12, 6, 4, 2^{11}\})$	96
24	$\mathcal{O}(0; \{24^2, 12, 6, 4, 3^3, 2^7\})$	672
24	$\mathcal{O}(0; \{24^2, 12, 6, 4, 3^6, 2^3\})$	5472
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^3, 2^8\})$	384
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^3, 3^3, 2^4\})$	2688
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^3, 3^6\})$	21888
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^5, 2^5\})$	1536
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^5, 3^3, 2\})$	10752
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^7, 2^2\})$	6144
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4, 3, 2^8\})$	352
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4, 3^4, 2^4\})$	2720
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4, 3^7\})$	21856
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^3, 3, 2^5\})$	1408
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^3, 3^4, 2\})$	10880
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^5, 3, 2^2\})$	5632
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4, 3^2, 2^5\})$	1376
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4, 3^5, 2\})$	10912
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4^3, 3^2, 2^2\})$	5504
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 4, 2^6\})$	672
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 4, 3^3, 2^2\})$	5472
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 4^3, 2^3\})$	2688
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 4^5\})$	10752

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12, 6^5, 4, 3, 2^3\})$	2720
24	$\mathcal{O}(0; \{24^2, 12, 6^5, 4^3, 3\})$	10880
24	$\mathcal{O}(0; \{24^2, 12, 6^6, 4, 3^2\})$	10912
24	$\mathcal{O}(0; \{24^2, 12, 6^7, 4, 2\})$	5472
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 3^2, 2^8\})$	1280
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 3^5, 2^4\})$	11008
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 3^8\})$	87296
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^2, 3^2, 2^5\})$	5120
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^2, 3^5, 2\})$	44032
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^4, 3^2, 2^2\})$	20480
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 2^9\})$	768
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 3^3, 2^5\})$	5376
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 3^6, 2\})$	43776
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4^2, 2^6\})$	3072
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4^2, 3^3, 2^2\})$	21504
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4^4, 2^3\})$	12288
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4^6\})$	49152
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^2, 3, 2^6\})$	2816
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^2, 3^4, 2^2\})$	21760
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^2, 4^2, 3, 2^3\})$	11264
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^2, 4^4, 3\})$	45056
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^3, 3^2, 2^3\})$	11008
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^3, 4^2, 3^2\})$	44032
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^4, 2^4\})$	5376
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^4, 3^3\})$	43776
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^4, 4^2, 2\})$	21504
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^5, 3, 2\})$	21760
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 4, 3^2, 2^3\})$	40960
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 4^3, 3^2\})$	163840
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6, 4, 2^4\})$	24576
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6, 4, 3^3\})$	172032
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6, 4^3, 2\})$	98304
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6^2, 4, 3, 2\})$	90112
24	$\mathcal{O}(0; \{24^2, 12, 8^6, 3^2, 2\})$	327680
24	$\mathcal{O}(0; \{24^2, 12, 8^6, 6, 2^2\})$	196608
24	$\mathcal{O}(0; \{24^2, 12^2, 3, 2^{11}\})$	160
24	$\mathcal{O}(0; \{24^2, 12^2, 3^4, 2^7\})$	1376
24	$\mathcal{O}(0; \{24^2, 12^2, 3^7, 2^3\})$	10912
24	$\mathcal{O}(0; \{24^2, 12^2, 4^2, 3, 2^8\})$	640
24	$\mathcal{O}(0; \{24^2, 12^2, 4^2, 3^4, 2^4\})$	5504
24	$\mathcal{O}(0; \{24^2, 12^2, 4^2, 3^7\})$	43648
24	$\mathcal{O}(0; \{24^2, 12^2, 4^4, 3, 2^5\})$	2560
24	$\mathcal{O}(0; \{24^2, 12^2, 4^4, 3^4, 2\})$	22016

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12^2, 4^6, 3, 2^2\})$	10240
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 3^2, 2^8\})$	672
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 3^5, 2^4\})$	5472
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 3^8\})$	43680
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^2, 3^2, 2^5\})$	2688
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^2, 3^5, 2\})$	21888
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^4, 3^2, 2^2\})$	10752
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 2^9\})$	352
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 3^3, 2^5\})$	2720
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 3^6, 2\})$	21856
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4^2, 2^6\})$	1408
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4^2, 3^3, 2^2\})$	10880
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4^4, 2^3\})$	5632
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4^6\})$	22528
24	$\mathcal{O}(0; \{24^2, 12^2, 6^3, 3, 2^6\})$	1376
24	$\mathcal{O}(0; \{24^2, 12^2, 6^3, 3^4, 2^2\})$	10912
24	$\mathcal{O}(0; \{24^2, 12^2, 6^3, 4^2, 3, 2^3\})$	5504
24	$\mathcal{O}(0; \{24^2, 12^2, 6^3, 4^4, 3\})$	22016
24	$\mathcal{O}(0; \{24^2, 12^2, 6^4, 3^2, 2^3\})$	5472
24	$\mathcal{O}(0; \{24^2, 12^2, 6^4, 4^2, 3^2\})$	21888
24	$\mathcal{O}(0; \{24^2, 12^2, 6^5, 2^4\})$	2720
24	$\mathcal{O}(0; \{24^2, 12^2, 6^5, 3^3\})$	21856
24	$\mathcal{O}(0; \{24^2, 12^2, 6^5, 4^2, 2\})$	10880
24	$\mathcal{O}(0; \{24^2, 12^2, 6^6, 3, 2\})$	10912
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 4, 3, 2^6\})$	5120
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 4, 3^4, 2^2\})$	44032
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 4^3, 3, 2^3\})$	20480
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 4^5, 3\})$	81920
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6, 4, 3^2, 2^3\})$	21504
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6, 4^3, 3^2\})$	86016
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^2, 4, 2^4\})$	11264
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^2, 4, 3^3\})$	87040
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^2, 4^3, 2\})$	45056
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^3, 4, 3, 2\})$	44032
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 3, 2^4\})$	40960
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 3^4\})$	352256
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 4^2, 3, 2\})$	163840
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 6, 3^2, 2\})$	172032
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 6^2, 2^2\})$	90112
24	$\mathcal{O}(0; \{24^2, 12^3, 4, 2^9\})$	640
24	$\mathcal{O}(0; \{24^2, 12^3, 4, 3^3, 2^5\})$	5504
24	$\mathcal{O}(0; \{24^2, 12^3, 4, 3^6, 2\})$	43648
24	$\mathcal{O}(0; \{24^2, 12^3, 4^3, 2^6\})$	2560

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12^3, 4^3, 3^3, 2^2\})$	22016
24	$\mathcal{O}(0; \{24^2, 12^3, 4^5, 2^3\})$	10240
24	$\mathcal{O}(0; \{24^2, 12^3, 4^7\})$	40960
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 4, 3, 2^6\})$	2688
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 4, 3^4, 2^2\})$	21888
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 4^3, 3, 2^3\})$	10752
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 4^5, 3\})$	43008
24	$\mathcal{O}(0; \{24^2, 12^3, 6^2, 4, 3^2, 2^3\})$	10880
24	$\mathcal{O}(0; \{24^2, 12^3, 6^2, 4^3, 3^2\})$	43520
24	$\mathcal{O}(0; \{24^2, 12^3, 6^3, 4, 2^4\})$	5504
24	$\mathcal{O}(0; \{24^2, 12^3, 6^3, 4, 3^3\})$	43648
24	$\mathcal{O}(0; \{24^2, 12^3, 6^3, 4^3, 2\})$	22016
24	$\mathcal{O}(0; \{24^2, 12^3, 6^4, 4, 3, 2\})$	21888
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 2^7\})$	5120
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 3^3, 2^3\})$	44032
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 4^2, 2^4\})$	20480
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 4^2, 3^3\})$	176128
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 4^4, 2\})$	81920
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6, 3, 2^4\})$	21504
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6, 3^4\})$	175104
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6, 4^2, 3, 2\})$	86016
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6^2, 3^2, 2\})$	87040
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6^3, 2^2\})$	44032
24	$\mathcal{O}(0; \{24^2, 12^3, 8^4, 4, 2^2\})$	163840
24	$\mathcal{O}(0; \{24^2, 12^3, 8^6\})$	1310720
24	$\mathcal{O}(0; \{24^2, 12^4, 3^2, 2^6\})$	5504
24	$\mathcal{O}(0; \{24^2, 12^4, 3^5, 2^2\})$	43648
24	$\mathcal{O}(0; \{24^2, 12^4, 4^2, 3^2, 2^3\})$	22016
24	$\mathcal{O}(0; \{24^2, 12^4, 4^4, 3^2\})$	88064
24	$\mathcal{O}(0; \{24^2, 12^4, 6, 2^7\})$	2688
24	$\mathcal{O}(0; \{24^2, 12^4, 6, 3^3, 2^3\})$	21888
24	$\mathcal{O}(0; \{24^2, 12^4, 6, 4^2, 2^4\})$	10752
24	$\mathcal{O}(0; \{24^2, 12^4, 6, 4^2, 3^3\})$	87552
24	$\mathcal{O}(0; \{24^2, 12^4, 6, 4^4, 2\})$	43008
24	$\mathcal{O}(0; \{24^2, 12^4, 6^2, 3, 2^4\})$	10880
24	$\mathcal{O}(0; \{24^2, 12^4, 6^2, 3^4\})$	87424
24	$\mathcal{O}(0; \{24^2, 12^4, 6^2, 4^2, 3, 2\})$	43520
24	$\mathcal{O}(0; \{24^2, 12^4, 6^3, 3^2, 2\})$	43648
24	$\mathcal{O}(0; \{24^2, 12^4, 6^4, 2^2\})$	21888
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 4, 3^2, 2\})$	176128
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 6, 4, 2^2\})$	86016
24	$\mathcal{O}(0; \{24^2, 12^4, 8^4, 6\})$	688128
24	$\mathcal{O}(0; \{24^2, 12^5, 4, 3, 2^4\})$	22016

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12^5, 4, 3^4\})$	174592
24	$\mathcal{O}(0; \{24^2, 12^5, 4^3, 3, 2\})$	88064
24	$\mathcal{O}(0; \{24^2, 12^5, 6, 4, 3^2, 2\})$	87552
24	$\mathcal{O}(0; \{24^2, 12^5, 6^2, 4, 2^2\})$	43520
24	$\mathcal{O}(0; \{24^2, 12^5, 8^2, 3, 2^2\})$	176128
24	$\mathcal{O}(0; \{24^2, 12^5, 8^2, 6^2\})$	348160
24	$\mathcal{O}(0; \{24^2, 12^6, 2^5\})$	22016
24	$\mathcal{O}(0; \{24^2, 12^6, 3^3, 2\})$	174592
24	$\mathcal{O}(0; \{24^2, 12^6, 4^2, 2^2\})$	88064
24	$\mathcal{O}(0; \{24^2, 12^6, 6, 3, 2^2\})$	87552
24	$\mathcal{O}(0; \{24^2, 12^6, 6^3\})$	174592
24	$\mathcal{O}(0; \{24^2, 12^6, 8^2, 4\})$	704512
24	$\mathcal{O}(0; \{24^2, 12^7, 6, 4\})$	350208
24	$\mathcal{O}(0; \{24^2, 12^8, 3\})$	698368
24	$\mathcal{O}(0; \{24^3, 8, 3, 2^{11}\})$	384
24	$\mathcal{O}(0; \{24^3, 8, 3^4, 2^7\})$	2688
24	$\mathcal{O}(0; \{24^3, 8, 3^7, 2^3\})$	21888
24	$\mathcal{O}(0; \{24^3, 8, 4^2, 3, 2^8\})$	1536
24	$\mathcal{O}(0; \{24^3, 8, 4^2, 3^4, 2^4\})$	10752
24	$\mathcal{O}(0; \{24^3, 8, 4^2, 3^7\})$	87552
24	$\mathcal{O}(0; \{24^3, 8, 4^4, 3, 2^5\})$	6144
24	$\mathcal{O}(0; \{24^3, 8, 4^4, 3^4, 2\})$	43008
24	$\mathcal{O}(0; \{24^3, 8, 4^6, 3, 2^2\})$	24576
24	$\mathcal{O}(0; \{24^3, 8, 6, 3^2, 2^8\})$	1408
24	$\mathcal{O}(0; \{24^3, 8, 6, 3^5, 2^4\})$	10880
24	$\mathcal{O}(0; \{24^3, 8, 6, 3^8\})$	87424
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^2, 3^2, 2^5\})$	5632
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^2, 3^5, 2\})$	43520
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^4, 3^2, 2^2\})$	22528
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 2^9\})$	640
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 3^3, 2^5\})$	5504
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 3^6, 2\})$	43648
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4^2, 2^6\})$	2560
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4^2, 3^3, 2^2\})$	22016
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4^4, 2^3\})$	10240
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4^6\})$	40960
24	$\mathcal{O}(0; \{24^3, 8, 6^3, 3, 2^6\})$	2688
24	$\mathcal{O}(0; \{24^3, 8, 6^3, 3^4, 2^2\})$	21888
24	$\mathcal{O}(0; \{24^3, 8, 6^3, 4^2, 3, 2^3\})$	10752
24	$\mathcal{O}(0; \{24^3, 8, 6^3, 4^4, 3\})$	43008
24	$\mathcal{O}(0; \{24^3, 8, 6^4, 3^2, 2^3\})$	10880
24	$\mathcal{O}(0; \{24^3, 8, 6^4, 4^2, 3^2\})$	43520
24	$\mathcal{O}(0; \{24^3, 8, 6^5, 2^4\})$	5504

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^3, 8, 6^5, 3^3\})$	43648
24	$\mathcal{O}(0; \{24^3, 8, 6^5, 4^2, 2\})$	22016
24	$\mathcal{O}(0; \{24^3, 8, 6^6, 3, 2\})$	21888
24	$\mathcal{O}(0; \{24^3, 8^3, 4, 3, 2^6\})$	12288
24	$\mathcal{O}(0; \{24^3, 8^3, 4, 3^4, 2^2\})$	86016
24	$\mathcal{O}(0; \{24^3, 8^3, 4^3, 3, 2^3\})$	49152
24	$\mathcal{O}(0; \{24^3, 8^3, 4^5, 3\})$	196608
24	$\mathcal{O}(0; \{24^3, 8^3, 6, 4, 3^2, 2^3\})$	45056
24	$\mathcal{O}(0; \{24^3, 8^3, 6, 4^3, 3^2\})$	180224
24	$\mathcal{O}(0; \{24^3, 8^3, 6^2, 4, 2^4\})$	20480
24	$\mathcal{O}(0; \{24^3, 8^3, 6^2, 4, 3^3\})$	176128
24	$\mathcal{O}(0; \{24^3, 8^3, 6^2, 4^3, 2\})$	81920
24	$\mathcal{O}(0; \{24^3, 8^3, 6^3, 4, 3, 2\})$	86016
24	$\mathcal{O}(0; \{24^3, 8^5, 3, 2^4\})$	98304
24	$\mathcal{O}(0; \{24^3, 8^5, 3^4\})$	688128
24	$\mathcal{O}(0; \{24^3, 8^5, 4^2, 3, 2\})$	393216
24	$\mathcal{O}(0; \{24^3, 8^5, 6, 3^2, 2\})$	360448
24	$\mathcal{O}(0; \{24^3, 8^5, 6^2, 2^2\})$	163840
24	$\mathcal{O}(0; \{24^3, 12, 8, 4, 2^9\})$	1536
24	$\mathcal{O}(0; \{24^3, 12, 8, 4, 3^3, 2^5\})$	10752
24	$\mathcal{O}(0; \{24^3, 12, 8, 4, 3^6, 2\})$	87552
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^3, 2^6\})$	6144
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^3, 3^3, 2^2\})$	43008
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^5, 2^3\})$	24576
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^7\})$	98304
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 4, 3, 2^6\})$	5632
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 4, 3^4, 2^2\})$	43520
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 4^3, 3, 2^3\})$	22528
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 4^5, 3\})$	90112
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^2, 4, 3^2, 2^3\})$	22016
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^2, 4^3, 3^2\})$	88064
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^3, 4, 2^4\})$	10752
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^3, 4, 3^3\})$	87552
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^3, 4^3, 2\})$	43008
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^4, 4, 3, 2\})$	43520
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 2^7\})$	12288
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 3^3, 2^3\})$	86016
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 4^2, 2^4\})$	49152
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 4^2, 3^3\})$	344064
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 4^4, 2\})$	196608
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6, 3, 2^4\})$	45056
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6, 3^4\})$	348160
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6, 4^2, 3, 2\})$	180224

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6^2, 3^2, 2\})$	176128
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6^3, 2^2\})$	86016
24	$\mathcal{O}(0; \{24^3, 12, 8^5, 4, 2^2\})$	393216
24	$\mathcal{O}(0; \{24^3, 12, 8^7\})$	3145728
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 3^2, 2^6\})$	10752
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 3^5, 2^2\})$	87552
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 4^2, 3^2, 2^3\})$	43008
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 4^4, 3^2\})$	172032
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6, 2^7\})$	5632
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6, 3^3, 2^3\})$	43520
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6, 4^2, 2^4\})$	22528
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6, 4^2, 3^3\})$	174080
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6, 4^4, 2\})$	90112
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^2, 3, 2^4\})$	22016
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^2, 3^4\})$	174592
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^2, 4^2, 3, 2\})$	88064
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^3, 3^2, 2\})$	87552
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^4, 2^2\})$	43520
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 4, 3^2, 2\})$	344064
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 6, 4, 2^2\})$	180224
24	$\mathcal{O}(0; \{24^3, 12^2, 8^5, 6\})$	1441792
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 4, 3, 2^4\})$	43008
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 4, 3^4\})$	350208
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 4^3, 3, 2\})$	172032
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6, 4, 3^2, 2\})$	174080
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6^2, 4, 2^2\})$	88064
24	$\mathcal{O}(0; \{24^3, 12^3, 8^3, 3, 2^2\})$	344064
24	$\mathcal{O}(0; \{24^3, 12^3, 8^3, 6^2\})$	704512
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 2^5\})$	43008
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 3^3, 2\})$	350208
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 4^2, 2^2\})$	172032
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 6, 3, 2^2\})$	174080
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 6^3\})$	350208
24	$\mathcal{O}(0; \{24^3, 12^4, 8^3, 4\})$	1376256
24	$\mathcal{O}(0; \{24^3, 12^5, 8, 6, 4\})$	696320
24	$\mathcal{O}(0; \{24^3, 12^6, 8, 3\})$	1400832
24	$\mathcal{O}(0; \{24^4, 4, 3^2, 2^8\})$	2816
24	$\mathcal{O}(0; \{24^4, 4, 3^5, 2^4\})$	21760
24	$\mathcal{O}(0; \{24^4, 4, 3^8\})$	174848
24	$\mathcal{O}(0; \{24^4, 4^3, 3^2, 2^5\})$	11264
24	$\mathcal{O}(0; \{24^4, 4^3, 3^5, 2\})$	87040
24	$\mathcal{O}(0; \{24^4, 4^5, 3^2, 2^2\})$	45056
24	$\mathcal{O}(0; \{24^4, 6, 4, 2^9\})$	1280

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(O), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^4, 6, 4, 3^3, 2^5\})$	11008
24	$\mathcal{O}(0; \{24^4, 6, 4, 3^6, 2\})$	87296
24	$\mathcal{O}(0; \{24^4, 6, 4^3, 2^6\})$	5120
24	$\mathcal{O}(0; \{24^4, 6, 4^3, 3^3, 2^2\})$	44032
24	$\mathcal{O}(0; \{24^4, 6, 4^5, 2^3\})$	20480
24	$\mathcal{O}(0; \{24^4, 6, 4^7\})$	81920
24	$\mathcal{O}(0; \{24^4, 6^2, 4, 3, 2^6\})$	5376
24	$\mathcal{O}(0; \{24^4, 6^2, 4, 3^4, 2^2\})$	43776
24	$\mathcal{O}(0; \{24^4, 6^2, 4^3, 3, 2^3\})$	21504
24	$\mathcal{O}(0; \{24^4, 6^2, 4^5, 3\})$	86016
24	$\mathcal{O}(0; \{24^4, 6^3, 4, 3^2, 2^3\})$	21760
24	$\mathcal{O}(0; \{24^4, 6^3, 4^3, 3^2\})$	87040
24	$\mathcal{O}(0; \{24^4, 6^4, 4, 2^4\})$	11008
24	$\mathcal{O}(0; \{24^4, 6^4, 4, 3^3\})$	87296
24	$\mathcal{O}(0; \{24^4, 6^4, 4^3, 2\})$	44032
24	$\mathcal{O}(0; \{24^4, 6^5, 4, 3, 2\})$	43776
24	$\mathcal{O}(0; \{24^4, 8^2, 3^2, 2^6\})$	22528
24	$\mathcal{O}(0; \{24^4, 8^2, 3^5, 2^2\})$	174080
24	$\mathcal{O}(0; \{24^4, 8^2, 4^2, 3^2, 2^3\})$	90112
24	$\mathcal{O}(0; \{24^4, 8^2, 4^4, 3^2\})$	360448
24	$\mathcal{O}(0; \{24^4, 8^2, 6, 2^7\})$	10240
24	$\mathcal{O}(0; \{24^4, 8^2, 6, 3^3, 2^3\})$	88064
24	$\mathcal{O}(0; \{24^4, 8^2, 6, 4^2, 2^4\})$	40960
24	$\mathcal{O}(0; \{24^4, 8^2, 6, 4^2, 3^3\})$	352256
24	$\mathcal{O}(0; \{24^4, 8^2, 6, 4^4, 2\})$	163840
24	$\mathcal{O}(0; \{24^4, 8^2, 6^2, 3, 2^4\})$	43008
24	$\mathcal{O}(0; \{24^4, 8^2, 6^2, 3^4\})$	350208
24	$\mathcal{O}(0; \{24^4, 8^2, 6^2, 4^2, 3, 2\})$	172032
24	$\mathcal{O}(0; \{24^4, 8^2, 6^3, 3^2, 2\})$	174080
24	$\mathcal{O}(0; \{24^4, 8^2, 6^4, 2^2\})$	88064
24	$\mathcal{O}(0; \{24^4, 8^4, 4, 3^2, 2\})$	720896
24	$\mathcal{O}(0; \{24^4, 8^4, 6, 4, 2^2\})$	327680
24	$\mathcal{O}(0; \{24^4, 8^6, 6\})$	2621440
24	$\mathcal{O}(0; \{24^4, 12, 3, 2^9\})$	2816
24	$\mathcal{O}(0; \{24^4, 12, 3^4, 2^5\})$	21760
24	$\mathcal{O}(0; \{24^4, 12, 3^7, 2\})$	174848
24	$\mathcal{O}(0; \{24^4, 12, 4^2, 3, 2^6\})$	11264
24	$\mathcal{O}(0; \{24^4, 12, 4^2, 3^4, 2^2\})$	87040
24	$\mathcal{O}(0; \{24^4, 12, 4^4, 3, 2^3\})$	45056
24	$\mathcal{O}(0; \{24^4, 12, 4^6, 3\})$	180224
24	$\mathcal{O}(0; \{24^4, 12, 6, 3^2, 2^6\})$	11008
24	$\mathcal{O}(0; \{24^4, 12, 6, 3^5, 2^2\})$	87296
24	$\mathcal{O}(0; \{24^4, 12, 6, 4^2, 3^2, 2^3\})$	44032

Continued on next page

Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^4, 12, 6, 4^4, 3^2\})$	176128
24	$\mathcal{O}(0; \{24^4, 12, 6^2, 2^7\})$	5376
24	$\mathcal{O}(0; \{24^4, 12, 6^2, 3^3, 2^3\})$	43776
24	$\mathcal{O}(0; \{24^4, 12, 6^2, 4^2, 2^4\})$	21504
24	$\mathcal{O}(0; \{24^4, 12, 6^2, 4^2, 3^3\})$	175104
24	$\mathcal{O}(0; \{24^4, 12, 6^2, 4^4, 2\})$	86016
24	$\mathcal{O}(0; \{24^4, 12, 6^3, 3, 2^4\})$	21760
24	$\mathcal{O}(0; \{24^4, 12, 6^3, 3^4\})$	174848
24	$\mathcal{O}(0; \{24^4, 12, 6^3, 4^2, 3, 2\})$	87040
24	$\mathcal{O}(0; \{24^4, 12, 6^4, 3^2, 2\})$	87296
24	$\mathcal{O}(0; \{24^4, 12, 6^5, 2^2\})$	43776
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 4, 3, 2^4\})$	90112
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 4, 3^4\})$	696320
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 4^3, 3, 2\})$	360448
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6, 4, 3^2, 2\})$	352256
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6^2, 4, 2^2\})$	172032
24	$\mathcal{O}(0; \{24^4, 12, 8^4, 3, 2^2\})$	720896
24	$\mathcal{O}(0; \{24^4, 12, 8^4, 6^2\})$	1376256
24	$\mathcal{O}(0; \{24^4, 12^2, 4, 2^7\})$	11264
24	$\mathcal{O}(0; \{24^4, 12^2, 4, 3^3, 2^3\})$	87040
24	$\mathcal{O}(0; \{24^4, 12^2, 4^3, 2^4\})$	45056
24	$\mathcal{O}(0; \{24^4, 12^2, 4^3, 3^3\})$	348160
24	$\mathcal{O}(0; \{24^4, 12^2, 4^5, 2\})$	180224
24	$\mathcal{O}(0; \{24^4, 12^2, 6, 4, 3, 2^4\})$	44032
24	$\mathcal{O}(0; \{24^4, 12^2, 6, 4, 3^4\})$	349184
24	$\mathcal{O}(0; \{24^4, 12^2, 6, 4^3, 3, 2\})$	176128
24	$\mathcal{O}(0; \{24^4, 12^2, 6^2, 4, 3^2, 2\})$	175104
24	$\mathcal{O}(0; \{24^4, 12^2, 6^3, 4, 2^2\})$	87040
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 2^5\})$	90112
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 3^3, 2\})$	696320
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 4^2, 2^2\})$	360448
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 6, 3, 2^2\})$	352256
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 6^3\})$	696320
24	$\mathcal{O}(0; \{24^4, 12^2, 8^4, 4\})$	2883584
24	$\mathcal{O}(0; \{24^4, 12^3, 3^2, 2^4\})$	87040
24	$\mathcal{O}(0; \{24^4, 12^3, 3^5\})$	699392
24	$\mathcal{O}(0; \{24^4, 12^3, 4^2, 3^2, 2\})$	348160
24	$\mathcal{O}(0; \{24^4, 12^3, 6, 2^5\})$	44032
24	$\mathcal{O}(0; \{24^4, 12^3, 6, 3^3, 2\})$	349184
24	$\mathcal{O}(0; \{24^4, 12^3, 6, 4^2, 2^2\})$	176128
24	$\mathcal{O}(0; \{24^4, 12^3, 6^2, 3, 2^2\})$	175104
24	$\mathcal{O}(0; \{24^4, 12^3, 6^4\})$	349184
24	$\mathcal{O}(0; \{24^4, 12^3, 8^2, 6, 4\})$	1409024

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^4, 12^4, 4, 3, 2^2\})$	348160
24	$\mathcal{O}(0; \{24^4, 12^4, 6^2, 4\})$	700416
24	$\mathcal{O}(0; \{24^4, 12^4, 8^2, 3\})$	2785280
24	$\mathcal{O}(0; \{24^4, 12^5, 2^3\})$	348160
24	$\mathcal{O}(0; \{24^4, 12^5, 4^2\})$	1392640
24	$\mathcal{O}(0; \{24^4, 12^5, 6, 3\})$	1396736
24	$\mathcal{O}(0; \{24^5, 8, 4, 2^7\})$	20480
24	$\mathcal{O}(0; \{24^5, 8, 4, 3^3, 2^3\})$	176128
24	$\mathcal{O}(0; \{24^5, 8, 4^3, 2^4\})$	81920
24	$\mathcal{O}(0; \{24^5, 8, 4^3, 3^3\})$	704512
24	$\mathcal{O}(0; \{24^5, 8, 4^5, 2\})$	327680
24	$\mathcal{O}(0; \{24^5, 8, 6, 4, 3, 2^4\})$	86016
24	$\mathcal{O}(0; \{24^5, 8, 6, 4, 3^4\})$	700416
24	$\mathcal{O}(0; \{24^5, 8, 6, 4^3, 3, 2\})$	344064
24	$\mathcal{O}(0; \{24^5, 8, 6^2, 4, 3^2, 2\})$	348160
24	$\mathcal{O}(0; \{24^5, 8, 6^3, 4, 2^2\})$	176128
24	$\mathcal{O}(0; \{24^5, 8^3, 2^5\})$	163840
24	$\mathcal{O}(0; \{24^5, 8^3, 3^3, 2\})$	1409024
24	$\mathcal{O}(0; \{24^5, 8^3, 4^2, 2^2\})$	655360
24	$\mathcal{O}(0; \{24^5, 8^3, 6, 3, 2^2\})$	688128
24	$\mathcal{O}(0; \{24^5, 8^3, 6^3\})$	1409024
24	$\mathcal{O}(0; \{24^5, 8^5, 4\})$	5242880
24	$\mathcal{O}(0; \{24^5, 12, 8, 3^2, 2^4\})$	176128
24	$\mathcal{O}(0; \{24^5, 12, 8, 3^5\})$	1396736
24	$\mathcal{O}(0; \{24^5, 12, 8, 4^2, 3^2, 2\})$	704512
24	$\mathcal{O}(0; \{24^5, 12, 8, 6, 2^5\})$	86016
24	$\mathcal{O}(0; \{24^5, 12, 8, 6, 3^3, 2\})$	700416
24	$\mathcal{O}(0; \{24^5, 12, 8, 6, 4^2, 2^2\})$	344064
24	$\mathcal{O}(0; \{24^5, 12, 8, 6^2, 3, 2^2\})$	348160
24	$\mathcal{O}(0; \{24^5, 12, 8, 6^4\})$	700416
24	$\mathcal{O}(0; \{24^5, 12, 8^3, 6, 4\})$	2752512
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 4, 3, 2^2\})$	704512
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 6^2, 4\})$	1392640
24	$\mathcal{O}(0; \{24^5, 12^2, 8^3, 3\})$	5636096
24	$\mathcal{O}(0; \{24^5, 12^3, 8, 2^3\})$	704512
24	$\mathcal{O}(0; \{24^5, 12^3, 8, 4^2\})$	2818048
24	$\mathcal{O}(0; \{24^5, 12^3, 8, 6, 3\})$	2801664
24	$\mathcal{O}(0; \{24^6, 3, 2^7\})$	43008
24	$\mathcal{O}(0; \{24^6, 3^4, 2^3\})$	350208
24	$\mathcal{O}(0; \{24^6, 4^2, 3, 2^4\})$	172032
24	$\mathcal{O}(0; \{24^6, 4^2, 3^4\})$	1400832
24	$\mathcal{O}(0; \{24^6, 4^4, 3, 2\})$	688128
24	$\mathcal{O}(0; \{24^6, 6, 3^2, 2^4\})$	174080

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^6, 6, 3^3\})$	1398784
24	$\mathcal{O}(0; \{24^6, 6, 4^2, 3^2, 2\})$	696320
24	$\mathcal{O}(0; \{24^6, 6^2, 2^5\})$	88064
24	$\mathcal{O}(0; \{24^6, 6^2, 3^3, 2\})$	698368
24	$\mathcal{O}(0; \{24^6, 6^2, 4^2, 2^2\})$	352256
24	$\mathcal{O}(0; \{24^6, 6^3, 3, 2^2\})$	350208
24	$\mathcal{O}(0; \{24^6, 6^5\})$	698368
24	$\mathcal{O}(0; \{24^6, 8^2, 4, 3, 2^2\})$	1376256
24	$\mathcal{O}(0; \{24^6, 8^2, 6^2, 4\})$	2818048
24	$\mathcal{O}(0; \{24^6, 8^4, 3\})$	11010048
24	$\mathcal{O}(0; \{24^6, 12, 4, 2^5\})$	172032
24	$\mathcal{O}(0; \{24^6, 12, 4, 3^3, 2\})$	1400832
24	$\mathcal{O}(0; \{24^6, 12, 4^3, 2^2\})$	688128
24	$\mathcal{O}(0; \{24^6, 12, 6, 4, 3, 2^2\})$	696320
24	$\mathcal{O}(0; \{24^6, 12, 6^3, 4\})$	1400832
24	$\mathcal{O}(0; \{24^6, 12, 8^2, 2^3\})$	1376256
24	$\mathcal{O}(0; \{24^6, 12, 8^2, 4^2\})$	5505024
24	$\mathcal{O}(0; \{24^6, 12, 8^2, 6, 3\})$	5570560
24	$\mathcal{O}(0; \{24^6, 12^2, 3^2, 2^2\})$	1400832
24	$\mathcal{O}(0; \{24^6, 12^2, 6, 2^3\})$	696320
24	$\mathcal{O}(0; \{24^6, 12^2, 6, 4^2\})$	2785280
24	$\mathcal{O}(0; \{24^6, 12^2, 6^2, 3\})$	2793472
24	$\mathcal{O}(0; \{24^6, 12^3, 4, 3\})$	5603328
24	$\mathcal{O}(0; \{24^6, 12^4, 2\})$	5603328
24	$\mathcal{O}(0; \{24^7, 8, 3^2, 2^2\})$	2785280
24	$\mathcal{O}(0; \{24^7, 8, 6, 2^3\})$	1409024
24	$\mathcal{O}(0; \{24^7, 8, 6, 4^2\})$	5636096
24	$\mathcal{O}(0; \{24^7, 8, 6^2, 3\})$	5603328
24	$\mathcal{O}(0; \{24^7, 12, 8, 4, 3\})$	11141120
24	$\mathcal{O}(0; \{24^7, 12^2, 8, 2\})$	11141120
24	$\mathcal{O}(0; \{24^8, 4, 2^3\})$	2818048
24	$\mathcal{O}(0; \{24^8, 4^3\})$	11272192
24	$\mathcal{O}(0; \{24^8, 6, 4, 3\})$	11206656
24	$\mathcal{O}(0; \{24^8, 8^2, 2\})$	22544384
24	$\mathcal{O}(0; \{24^8, 12, 3^2\})$	22347776
24	$\mathcal{O}(0; \{24^8, 12, 6, 2\})$	11206656
25	$\mathcal{O}(4; \{5^2\})$	61035000000
25	$\mathcal{O}(2; \{5^7\})$	1277640000
25	$\mathcal{O}(2; \{25^3, 5\})$	199218750000
25	$\mathcal{O}(0; \{25^5, 5^6\})$	522240000
25	$\mathcal{O}(0; \{25^{10}\})$	409601562500
26	$\mathcal{O}(3; \{26, 13^2, 2\})$	40776882432
26	$\mathcal{O}(2; \{26, 13^2, 2^5\})$	60320832

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
26	$\mathcal{O}(2; \{26^3, 13, 2^3\})$	729333696
26	$\mathcal{O}(2; \{26^5, 2\})$	8746520640
26	$\mathcal{O}(1; \{26, 13^2, 2^9\})$	89232
26	$\mathcal{O}(1; \{26^3, 13, 2^7\})$	1078896
26	$\mathcal{O}(1; \{26^5, 2^5\})$	12938640
26	$\mathcal{O}(0; \{13^9, 2^2\})$	396906180
26	$\mathcal{O}(0; \{26, 13^2, 2^{13}\})$	132
26	$\mathcal{O}(0; \{26^2, 13^8\})$	4762874172
26	$\mathcal{O}(0; \{26^3, 13, 2^{11}\})$	1596
26	$\mathcal{O}(0; \{26^5, 2^9\})$	19140
27	$\mathcal{O}(2; \{27^2, 9^2, 3^2\})$	1377495072
27	$\mathcal{O}(1; \{27^2, 9^2, 3^5\})$	15116544
27	$\mathcal{O}(1; \{27^2, 9^5, 3\})$	204073344
27	$\mathcal{O}(1; \{27^5, 9, 3^2\})$	1147912560
27	$\mathcal{O}(0; \{27^2, 9^2, 3^8\})$	165888
27	$\mathcal{O}(0; \{27^2, 9^5, 3^4\})$	2239488
27	$\mathcal{O}(0; \{27^2, 9^8\})$	30233088
27	$\mathcal{O}(0; \{27^5, 9, 3^5\})$	12597120
27	$\mathcal{O}(0; \{27^5, 9^4, 3\})$	170061120
27	$\mathcal{O}(0; \{27^8, 3^2\})$	1645341336
28	$\mathcal{O}(3; \{28^2, 7\})$	28913418240
28	$\mathcal{O}(2; \{14, 7, 4^2, 2^3\})$	7375872
28	$\mathcal{O}(2; \{14, 7, 4^4\})$	29503488
28	$\mathcal{O}(2; \{14^3, 4^2, 2\})$	36879360
28	$\mathcal{O}(2; \{28, 7^3, 4, 2\})$	228652032
28	$\mathcal{O}(2; \{28^2, 7, 2^4\})$	36879360
28	$\mathcal{O}(2; \{28^2, 7, 4^2, 2\})$	147517440
28	$\mathcal{O}(2; \{28^2, 14^2, 2^2\})$	228652032
28	$\mathcal{O}(2; \{28^4, 14\})$	5458145280
28	$\mathcal{O}(1; \{7^5, 4^2, 2^2\})$	1740480
28	$\mathcal{O}(1; \{14, 7, 4^2, 2^7\})$	9408
28	$\mathcal{O}(1; \{14, 7, 4^4, 2^4\})$	37632
28	$\mathcal{O}(1; \{14, 7, 4^6, 2\})$	150528
28	$\mathcal{O}(1; \{14^2, 7^4, 4^2\})$	10452288
28	$\mathcal{O}(1; \{14^3, 4^2, 2^5\})$	47040
28	$\mathcal{O}(1; \{14^3, 4^4, 2^2\})$	188160
28	$\mathcal{O}(1; \{28, 7^3, 4, 2^5\})$	291648
28	$\mathcal{O}(1; \{28, 7^3, 4^3, 2^2\})$	1166592
28	$\mathcal{O}(1; \{28, 14^2, 7^2, 4, 2^3\})$	1740480
28	$\mathcal{O}(1; \{28, 14^2, 7^2, 4^3\})$	6961920
28	$\mathcal{O}(1; \{28, 14^4, 7, 4, 2\})$	10452288
28	$\mathcal{O}(1; \{28^2, 7, 2^8\})$	47040
28	$\mathcal{O}(1; \{28^2, 7, 4^2, 2^5\})$	188160

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(1; \{28^2, 7, 4^4, 2^2\})$	752640
28	$\mathcal{O}(1; \{28^2, 14, 7^4, 2\})$	62704320
28	$\mathcal{O}(1; \{28^2, 14^2, 2^6\})$	291648
28	$\mathcal{O}(1; \{28^2, 14^2, 4^2, 2^3\})$	1166592
28	$\mathcal{O}(1; \{28^2, 14^2, 4^4\})$	4666368
28	$\mathcal{O}(1; \{28^3, 14, 7^2, 4, 2\})$	41809152
28	$\mathcal{O}(1; \{28^4, 14, 2^4\})$	6961920
28	$\mathcal{O}(1; \{28^4, 14, 4^2, 2\})$	27847680
28	$\mathcal{O}(1; \{28^6, 2^2\})$	167236608
28	$\mathcal{O}(0; \{7^5, 4^2, 2^6\})$	2220
28	$\mathcal{O}(0; \{7^5, 4^4, 2^3\})$	8880
28	$\mathcal{O}(0; \{7^5, 4^6\})$	35520
28	$\mathcal{O}(0; \{14, 7, 4^2, 2^{11}\})$	12
28	$\mathcal{O}(0; \{14, 7, 4^4, 2^8\})$	48
28	$\mathcal{O}(0; \{14, 7, 4^6, 2^5\})$	192
28	$\mathcal{O}(0; \{14, 7, 4^8, 2^2\})$	768
28	$\mathcal{O}(0; \{14^2, 7^4, 4^2, 2^4\})$	13332
28	$\mathcal{O}(0; \{14^2, 7^4, 4^4, 2\})$	53328
28	$\mathcal{O}(0; \{14^3, 4^2, 2^9\})$	60
28	$\mathcal{O}(0; \{14^3, 4^4, 2^6\})$	240
28	$\mathcal{O}(0; \{14^3, 4^6, 2^3\})$	960
28	$\mathcal{O}(0; \{14^3, 4^8\})$	3840
28	$\mathcal{O}(0; \{14^4, 7^3, 4^2, 2^2\})$	79980
28	$\mathcal{O}(0; \{14^6, 7^2, 4^2\})$	479892
28	$\mathcal{O}(0; \{28, 7^3, 4, 2^9\})$	372
28	$\mathcal{O}(0; \{28, 7^3, 4^3, 2^6\})$	1488
28	$\mathcal{O}(0; \{28, 7^3, 4^5, 2^3\})$	5952
28	$\mathcal{O}(0; \{28, 7^3, 4^7\})$	23808
28	$\mathcal{O}(0; \{28, 14, 7^6, 4, 2^2\})$	479892
28	$\mathcal{O}(0; \{28, 14^2, 7^2, 4, 2^7\})$	2220
28	$\mathcal{O}(0; \{28, 14^2, 7^2, 4^3, 2^4\})$	8880
28	$\mathcal{O}(0; \{28, 14^2, 7^2, 4^5, 2\})$	35520
28	$\mathcal{O}(0; \{28, 14^3, 7^5, 4\})$	2879340
28	$\mathcal{O}(0; \{28, 14^4, 7, 4, 2^5\})$	13332
28	$\mathcal{O}(0; \{28, 14^4, 7, 4^3, 2^2\})$	53328
28	$\mathcal{O}(0; \{28, 14^6, 4, 2^3\})$	79980
28	$\mathcal{O}(0; \{28, 14^6, 4^3\})$	319920
28	$\mathcal{O}(0; \{28^2, 7, 2^{12}\})$	60
28	$\mathcal{O}(0; \{28^2, 7, 4^2, 2^9\})$	240
28	$\mathcal{O}(0; \{28^2, 7, 4^4, 2^6\})$	960
28	$\mathcal{O}(0; \{28^2, 7, 4^6, 2^3\})$	3840
28	$\mathcal{O}(0; \{28^2, 7, 4^8\})$	15360
28	$\mathcal{O}(0; \{28^2, 7^8\})$	17276052

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(0; \{28^2, 14, 7^4, 2^5\})$	79980
28	$\mathcal{O}(0; \{28^2, 14, 7^4, 4^2, 2^2\})$	319920
28	$\mathcal{O}(0; \{28^2, 14^2, 2^{10}\})$	372
28	$\mathcal{O}(0; \{28^2, 14^2, 4^2, 2^7\})$	1488
28	$\mathcal{O}(0; \{28^2, 14^2, 4^4, 2^4\})$	5952
28	$\mathcal{O}(0; \{28^2, 14^2, 4^6, 2\})$	23808
28	$\mathcal{O}(0; \{28^2, 14^3, 7^3, 2^3\})$	479892
28	$\mathcal{O}(0; \{28^2, 14^3, 7^3, 4^2\})$	1919568
28	$\mathcal{O}(0; \{28^2, 14^5, 7^2, 2\})$	2879340
28	$\mathcal{O}(0; \{28^3, 7^6, 4\})$	11517360
28	$\mathcal{O}(0; \{28^3, 14, 7^2, 4, 2^5\})$	53328
28	$\mathcal{O}(0; \{28^3, 14, 7^2, 4^3, 2^2\})$	213312
28	$\mathcal{O}(0; \{28^3, 14^3, 7, 4, 2^3\})$	319920
28	$\mathcal{O}(0; \{28^3, 14^3, 7, 4^3\})$	1279680
28	$\mathcal{O}(0; \{28^3, 14^5, 4, 2\})$	1919568
28	$\mathcal{O}(0; \{28^4, 7^4, 2^3\})$	1919568
28	$\mathcal{O}(0; \{28^4, 7^4, 4^2\})$	7678272
28	$\mathcal{O}(0; \{28^4, 14, 2^8\})$	8880
28	$\mathcal{O}(0; \{28^4, 14, 4^2, 2^5\})$	35520
28	$\mathcal{O}(0; \{28^4, 14, 4^4, 2^2\})$	142080
28	$\mathcal{O}(0; \{28^4, 14^2, 7^3, 2\})$	11517360
28	$\mathcal{O}(0; \{28^5, 7^2, 4, 2^3\})$	1279680
28	$\mathcal{O}(0; \{28^5, 7^2, 4^3\})$	5118720
28	$\mathcal{O}(0; \{28^5, 14^2, 7, 4, 2\})$	7678272
28	$\mathcal{O}(0; \{28^6, 2^6\})$	213312
28	$\mathcal{O}(0; \{28^6, 4^2, 2^3\})$	853248
28	$\mathcal{O}(0; \{28^6, 4^4\})$	3412992
30	$\mathcal{O}(3; \{3^2, 2^2\})$	1457906688
30	$\mathcal{O}(3; \{6^2, 3\})$	1457906688
30	$\mathcal{O}(2; \{3^2, 2^6\})$	1617408
30	$\mathcal{O}(2; \{3^5, 2^2\})$	8087040
30	$\mathcal{O}(2; \{6, 3^3, 2^3\})$	4852224
30	$\mathcal{O}(2; \{6^2, 3, 2^4\})$	1617408
30	$\mathcal{O}(2; \{6^2, 3^4\})$	17791488
30	$\mathcal{O}(2; \{6^3, 3^2, 2\})$	8087040
30	$\mathcal{O}(2; \{6^4, 2^2\})$	4852224
30	$\mathcal{O}(2; \{10, 5^2, 3^2, 2\})$	19440000
30	$\mathcal{O}(2; \{15, 10, 3^3, 2\})$	19440000
30	$\mathcal{O}(2; \{15, 10, 6, 3, 2^2\})$	6480000
30	$\mathcal{O}(2; \{15, 10, 6^3\})$	19440000
30	$\mathcal{O}(2; \{15^2, 5, 3, 2^2\})$	19440000
30	$\mathcal{O}(2; \{15^2, 6^2, 5\})$	58320000
30	$\mathcal{O}(2; \{15^2, 10^2, 3\})$	84240000

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(2; \{30, 10, 5, 3, 2^2\})$	19440000
30	$\mathcal{O}(2; \{30, 10, 6^2, 5\})$	19440000
30	$\mathcal{O}(2; \{30, 10^3, 3\})$	84240000
30	$\mathcal{O}(2; \{30, 15, 6, 5^2\})$	84240000
30	$\mathcal{O}(2; \{30, 15^2, 2^3\})$	19440000
30	$\mathcal{O}(2; \{30, 15^2, 6, 3\})$	97200000
30	$\mathcal{O}(2; \{30^2, 5^3\})$	330480000
30	$\mathcal{O}(2; \{30^2, 10, 2^3\})$	19440000
30	$\mathcal{O}(2; \{30^2, 10, 6, 3\})$	58320000
30	$\mathcal{O}(2; \{30^2, 15, 5, 3\})$	252720000
30	$\mathcal{O}(2; \{30^3, 15, 2\})$	252720000
30	$\mathcal{O}(1; \{3^2, 2^{10}\})$	1728
30	$\mathcal{O}(1; \{3^5, 2^6\})$	8640
30	$\mathcal{O}(1; \{3^8, 2^2\})$	74304
30	$\mathcal{O}(1; \{5^5, 3^2, 2^2\})$	367200
30	$\mathcal{O}(1; \{6, 3^3, 2^7\})$	5184
30	$\mathcal{O}(1; \{6, 3^6, 2^3\})$	36288
30	$\mathcal{O}(1; \{6^2, 3, 2^8\})$	1728
30	$\mathcal{O}(1; \{6^2, 3^4, 2^4\})$	19008
30	$\mathcal{O}(1; \{6^2, 3^7\})$	146880
30	$\mathcal{O}(1; \{6^2, 5^5, 3\})$	367200
30	$\mathcal{O}(1; \{6^3, 3^2, 2^5\})$	8640
30	$\mathcal{O}(1; \{6^3, 3^5, 2\})$	74304
30	$\mathcal{O}(1; \{6^4, 2^6\})$	5184
30	$\mathcal{O}(1; \{6^4, 3^3, 2^2\})$	36288
30	$\mathcal{O}(1; \{6^5, 3, 2^3\})$	19008
30	$\mathcal{O}(1; \{6^6, 3^2\})$	74304
30	$\mathcal{O}(1; \{6^7, 2\})$	36288
30	$\mathcal{O}(1; \{10, 5^2, 3^2, 2^5\})$	21600
30	$\mathcal{O}(1; \{10, 5^2, 3^5, 2\})$	108000
30	$\mathcal{O}(1; \{10, 6, 5^2, 3^3, 2^2\})$	64800
30	$\mathcal{O}(1; \{10, 6^2, 5^2, 3, 2^3\})$	21600
30	$\mathcal{O}(1; \{10, 6^3, 5^2, 3^2\})$	108000
30	$\mathcal{O}(1; \{10, 6^4, 5^2, 2\})$	64800
30	$\mathcal{O}(1; \{10^2, 5^4, 3^2\})$	1476000
30	$\mathcal{O}(1; \{10^3, 5, 3^2, 2^3\})$	93600
30	$\mathcal{O}(1; \{10^3, 6, 5, 3^3\})$	280800
30	$\mathcal{O}(1; \{10^3, 6^2, 5, 3, 2\})$	93600
30	$\mathcal{O}(1; \{10^5, 3^2, 2\})$	367200
30	$\mathcal{O}(1; \{15, 5^3, 3^3, 2^2\})$	280800
30	$\mathcal{O}(1; \{15, 6, 5^3, 3, 2^3\})$	93600
30	$\mathcal{O}(1; \{15, 6^2, 5^3, 3^2\})$	468000
30	$\mathcal{O}(1; \{15, 6^3, 5^3, 2\})$	280800

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{15, 10, 3^3, 2^5\})$	21600
30	$\mathcal{O}(1; \{15, 10, 3^6, 2\})$	151200
30	$\mathcal{O}(1; \{15, 10, 6, 3, 2^6\})$	7200
30	$\mathcal{O}(1; \{15, 10, 6, 3^4, 2^2\})$	79200
30	$\mathcal{O}(1; \{15, 10, 6^2, 3^2, 2^3\})$	36000
30	$\mathcal{O}(1; \{15, 10, 6^3, 2^4\})$	21600
30	$\mathcal{O}(1; \{15, 10, 6^3, 3^3\})$	151200
30	$\mathcal{O}(1; \{15, 10, 6^4, 3, 2\})$	79200
30	$\mathcal{O}(1; \{15, 10^2, 5^2, 3^3\})$	1101600
30	$\mathcal{O}(1; \{15, 10^2, 6, 5^2, 3, 2\})$	367200
30	$\mathcal{O}(1; \{15^2, 5, 3, 2^6\})$	21600
30	$\mathcal{O}(1; \{15^2, 5, 3^4, 2^2\})$	237600
30	$\mathcal{O}(1; \{15^2, 6, 5, 3^2, 2^3\})$	108000
30	$\mathcal{O}(1; \{15^2, 6^2, 5, 2^4\})$	64800
30	$\mathcal{O}(1; \{15^2, 6^2, 5, 3^3\})$	453600
30	$\mathcal{O}(1; \{15^2, 6^3, 5, 3, 2\})$	237600
30	$\mathcal{O}(1; \{15^2, 10, 5^3, 3, 2\})$	1476000
30	$\mathcal{O}(1; \{15^2, 10^2, 3, 2^4\})$	93600
30	$\mathcal{O}(1; \{15^2, 10^2, 3^4\})$	1029600
30	$\mathcal{O}(1; \{15^2, 10^2, 6, 3^2, 2\})$	468000
30	$\mathcal{O}(1; \{15^2, 10^2, 6^2, 2^2\})$	280800
30	$\mathcal{O}(1; \{15^3, 10, 5, 3^2, 2\})$	1836000
30	$\mathcal{O}(1; \{15^3, 10, 6, 5, 2^2\})$	1101600
30	$\mathcal{O}(1; \{15^3, 10^3, 6\})$	4428000
30	$\mathcal{O}(1; \{15^4, 5^2, 2^2\})$	4428000
30	$\mathcal{O}(1; \{15^4, 10^2, 5\})$	17690400
30	$\mathcal{O}(1; \{15^5, 3, 2^2\})$	4039200
30	$\mathcal{O}(1; \{15^5, 6^2\})$	7711200
30	$\mathcal{O}(1; \{30, 5^4, 3, 2^3\})$	367200
30	$\mathcal{O}(1; \{30, 6, 5^4, 3^2\})$	1101600
30	$\mathcal{O}(1; \{30, 6^2, 5^4, 2\})$	367200
30	$\mathcal{O}(1; \{30, 10, 5, 3, 2^6\})$	21600
30	$\mathcal{O}(1; \{30, 10, 5, 3^4, 2^2\})$	108000
30	$\mathcal{O}(1; \{30, 10, 6, 5, 3^2, 2^3\})$	64800
30	$\mathcal{O}(1; \{30, 10, 6^2, 5, 2^4\})$	21600
30	$\mathcal{O}(1; \{30, 10, 6^2, 5, 3^3\})$	237600
30	$\mathcal{O}(1; \{30, 10, 6^3, 5, 3, 2\})$	108000
30	$\mathcal{O}(1; \{30, 10^2, 5^3, 3, 2\})$	1476000
30	$\mathcal{O}(1; \{30, 10^3, 3, 2^4\})$	93600
30	$\mathcal{O}(1; \{30, 10^3, 3^4\})$	468000
30	$\mathcal{O}(1; \{30, 10^3, 6, 3^2, 2\})$	280800
30	$\mathcal{O}(1; \{30, 10^3, 6^2, 2^2\})$	93600
30	$\mathcal{O}(1; \{30, 15, 5^2, 3^2, 2^3\})$	280800

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{30, 15, 6, 5^2, 2^4\})$	93600
30	$\mathcal{O}(1; \{30, 15, 6, 5^2, 3^3\})$	1029600
30	$\mathcal{O}(1; \{30, 15, 6^2, 5^2, 3, 2\})$	468000
30	$\mathcal{O}(1; \{30, 15, 10^2, 5, 3^2, 2\})$	1101600
30	$\mathcal{O}(1; \{30, 15, 10^2, 6, 5, 2^2\})$	367200
30	$\mathcal{O}(1; \{30, 15, 10^4, 6\})$	1476000
30	$\mathcal{O}(1; \{30, 15^2, 2^7\})$	21600
30	$\mathcal{O}(1; \{30, 15^2, 3^3, 2^3\})$	237600
30	$\mathcal{O}(1; \{30, 15^2, 6, 3, 2^4\})$	108000
30	$\mathcal{O}(1; \{30, 15^2, 6, 3^4\})$	928800
30	$\mathcal{O}(1; \{30, 15^2, 6^2, 3^2, 2\})$	453600
30	$\mathcal{O}(1; \{30, 15^2, 6^3, 2^2\})$	237600
30	$\mathcal{O}(1; \{30, 15^2, 10, 5^2, 2^2\})$	1476000
30	$\mathcal{O}(1; \{30, 15^2, 10^3, 5\})$	5896800
30	$\mathcal{O}(1; \{30, 15^3, 10, 3, 2^2\})$	1836000
30	$\mathcal{O}(1; \{30, 15^3, 10, 6^2\})$	4039200
30	$\mathcal{O}(1; \{30, 15^4, 6, 5\})$	16236000
30	$\mathcal{O}(1; \{30^2, 5^3, 2^4\})$	367200
30	$\mathcal{O}(1; \{30^2, 5^3, 3^3\})$	1836000
30	$\mathcal{O}(1; \{30^2, 6, 5^3, 3, 2\})$	1101600
30	$\mathcal{O}(1; \{30^2, 10, 2^7\})$	21600
30	$\mathcal{O}(1; \{30^2, 10, 3^3, 2^3\})$	108000
30	$\mathcal{O}(1; \{30^2, 10, 6, 3, 2^4\})$	64800
30	$\mathcal{O}(1; \{30^2, 10, 6, 3^4\})$	453600
30	$\mathcal{O}(1; \{30^2, 10, 6^2, 3^2, 2\})$	237600
30	$\mathcal{O}(1; \{30^2, 10, 6^3, 2^2\})$	108000
30	$\mathcal{O}(1; \{30^2, 10^2, 5^2, 2^2\})$	1476000
30	$\mathcal{O}(1; \{30^2, 10^4, 5\})$	5896800
30	$\mathcal{O}(1; \{30^2, 15, 5, 3, 2^4\})$	280800
30	$\mathcal{O}(1; \{30^2, 15, 5, 3^4\})$	1965600
30	$\mathcal{O}(1; \{30^2, 15, 6, 5, 3^2, 2\})$	1029600
30	$\mathcal{O}(1; \{30^2, 15, 6^2, 5, 2^2\})$	468000
30	$\mathcal{O}(1; \{30^2, 15, 10^2, 3, 2^2\})$	1101600
30	$\mathcal{O}(1; \{30^2, 15, 10^2, 6^2\})$	1836000
30	$\mathcal{O}(1; \{30^2, 15^2, 10, 6, 5\})$	7380000
30	$\mathcal{O}(1; \{30^2, 15^3, 5^2\})$	29484000
30	$\mathcal{O}(1; \{30^2, 15^4, 3\})$	30996000
30	$\mathcal{O}(1; \{30^3, 5^2, 3^2, 2\})$	1836000
30	$\mathcal{O}(1; \{30^3, 6, 5^2, 2^2\})$	1101600
30	$\mathcal{O}(1; \{30^3, 10^2, 6, 5\})$	4428000
30	$\mathcal{O}(1; \{30^3, 15, 2^5\})$	280800
30	$\mathcal{O}(1; \{30^3, 15, 3^3, 2\})$	1965600
30	$\mathcal{O}(1; \{30^3, 15, 6, 3, 2^2\})$	1029600

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{30^3, 15, 6^3\})$	1965600
30	$\mathcal{O}(1; \{30^3, 15, 10, 5^2\})$	17690400
30	$\mathcal{O}(1; \{30^3, 15^2, 10, 3\})$	16236000
30	$\mathcal{O}(1; \{30^4, 5, 3, 2^2\})$	1836000
30	$\mathcal{O}(1; \{30^4, 6^2, 5\})$	4039200
30	$\mathcal{O}(1; \{30^4, 10^2, 3\})$	7380000
30	$\mathcal{O}(1; \{30^5, 2^3\})$	1836000
30	$\mathcal{O}(1; \{30^5, 6, 3\})$	7711200
30	$\mathcal{O}(0; \{5^5, 3^2, 2^6\})$	408
30	$\mathcal{O}(0; \{5^5, 3^5, 2^2\})$	2040
30	$\mathcal{O}(0; \{6, 5^5, 3^3, 2^3\})$	1224
30	$\mathcal{O}(0; \{6^2, 5^5, 3, 2^4\})$	408
30	$\mathcal{O}(0; \{6^2, 5^5, 3^4\})$	4488
30	$\mathcal{O}(0; \{6^3, 5^5, 3^2, 2\})$	2040
30	$\mathcal{O}(0; \{6^4, 5^5, 2^2\})$	1224
30	$\mathcal{O}(0; \{10, 5^2, 3^2, 2^9\})$	24
30	$\mathcal{O}(0; \{10, 5^2, 3^5, 2^5\})$	120
30	$\mathcal{O}(0; \{10, 5^2, 3^8, 2\})$	1032
30	$\mathcal{O}(0; \{10, 5^7, 3^2, 2\})$	26216
30	$\mathcal{O}(0; \{10, 6, 5^2, 3^3, 2^6\})$	72
30	$\mathcal{O}(0; \{10, 6, 5^2, 3^6, 2^2\})$	504
30	$\mathcal{O}(0; \{10, 6^2, 5^2, 3, 2^7\})$	24
30	$\mathcal{O}(0; \{10, 6^2, 5^2, 3^4, 2^3\})$	264
30	$\mathcal{O}(0; \{10, 6^3, 5^2, 3^2, 2^4\})$	120
30	$\mathcal{O}(0; \{10, 6^3, 5^2, 3^5\})$	1032
30	$\mathcal{O}(0; \{10, 6^4, 5^2, 2^5\})$	72
30	$\mathcal{O}(0; \{10, 6^4, 5^2, 3^3, 2\})$	504
30	$\mathcal{O}(0; \{10, 6^5, 5^2, 3, 2^2\})$	264
30	$\mathcal{O}(0; \{10, 6^7, 5^2\})$	504
30	$\mathcal{O}(0; \{10^2, 5^4, 3^2, 2^4\})$	1640
30	$\mathcal{O}(0; \{10^2, 5^4, 3^5\})$	8200
30	$\mathcal{O}(0; \{10^2, 6, 5^4, 3^3, 2\})$	4920
30	$\mathcal{O}(0; \{10^2, 6^2, 5^4, 3, 2^2\})$	1640
30	$\mathcal{O}(0; \{10^2, 6^4, 5^4\})$	4920
30	$\mathcal{O}(0; \{10^3, 5, 3^2, 2^7\})$	104
30	$\mathcal{O}(0; \{10^3, 5, 3^5, 2^3\})$	520
30	$\mathcal{O}(0; \{10^3, 6, 5, 3^3, 2^4\})$	312
30	$\mathcal{O}(0; \{10^3, 6, 5, 3^6\})$	2184
30	$\mathcal{O}(0; \{10^3, 6^2, 5, 3, 2^5\})$	104
30	$\mathcal{O}(0; \{10^3, 6^2, 5, 3^4, 2\})$	1144
30	$\mathcal{O}(0; \{10^3, 6^3, 5, 3^2, 2^2\})$	520
30	$\mathcal{O}(0; \{10^3, 6^4, 5, 2^3\})$	312
30	$\mathcal{O}(0; \{10^3, 6^5, 5, 3\})$	1144

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{10^4, 5^3, 3^2, 2^2\})$	6552
30	$\mathcal{O}(0; \{10^4, 6^2, 5^3, 3\})$	6552
30	$\mathcal{O}(0; \{10^5, 3^2, 2^5\})$	408
30	$\mathcal{O}(0; \{10^5, 3^5, 2\})$	2040
30	$\mathcal{O}(0; \{10^5, 6, 3^3, 2^2\})$	1224
30	$\mathcal{O}(0; \{10^5, 6^2, 3, 2^3\})$	408
30	$\mathcal{O}(0; \{10^5, 6^3, 3^2\})$	2040
30	$\mathcal{O}(0; \{10^5, 6^4, 2\})$	1224
30	$\mathcal{O}(0; \{10^6, 5^2, 3^2\})$	26216
30	$\mathcal{O}(0; \{15, 5^3, 3^3, 2^6\})$	312
30	$\mathcal{O}(0; \{15, 5^3, 3^6, 2^2\})$	2184
30	$\mathcal{O}(0; \{15, 6, 5^3, 3, 2^7\})$	104
30	$\mathcal{O}(0; \{15, 6, 5^3, 3^4, 2^3\})$	1144
30	$\mathcal{O}(0; \{15, 6^2, 5^3, 3^2, 2^4\})$	520
30	$\mathcal{O}(0; \{15, 6^2, 5^3, 3^5\})$	4472
30	$\mathcal{O}(0; \{15, 6^3, 5^3, 2^5\})$	312
30	$\mathcal{O}(0; \{15, 6^3, 5^3, 3^3, 2\})$	2184
30	$\mathcal{O}(0; \{15, 6^4, 5^3, 3, 2^2\})$	1144
30	$\mathcal{O}(0; \{15, 6^6, 5^3\})$	2184
30	$\mathcal{O}(0; \{15, 10, 3^3, 2^9\})$	24
30	$\mathcal{O}(0; \{15, 10, 3^6, 2^5\})$	168
30	$\mathcal{O}(0; \{15, 10, 3^9, 2\})$	1368
30	$\mathcal{O}(0; \{15, 10, 5^5, 3^3, 2\})$	19656
30	$\mathcal{O}(0; \{15, 10, 6, 3, 2^{10}\})$	8
30	$\mathcal{O}(0; \{15, 10, 6, 3^4, 2^6\})$	88
30	$\mathcal{O}(0; \{15, 10, 6, 3^7, 2^2\})$	680
30	$\mathcal{O}(0; \{15, 10, 6, 5^5, 3, 2^2\})$	6552
30	$\mathcal{O}(0; \{15, 10, 6^2, 3^2, 2^7\})$	40
30	$\mathcal{O}(0; \{15, 10, 6^2, 3^5, 2^3\})$	344
30	$\mathcal{O}(0; \{15, 10, 6^3, 2^8\})$	24
30	$\mathcal{O}(0; \{15, 10, 6^3, 3^3, 2^4\})$	168
30	$\mathcal{O}(0; \{15, 10, 6^3, 3^6\})$	1368
30	$\mathcal{O}(0; \{15, 10, 6^3, 5^5\})$	19656
30	$\mathcal{O}(0; \{15, 10, 6^4, 3, 2^5\})$	88
30	$\mathcal{O}(0; \{15, 10, 6^4, 3^4, 2\})$	680
30	$\mathcal{O}(0; \{15, 10, 6^5, 3^2, 2^2\})$	344
30	$\mathcal{O}(0; \{15, 10, 6^6, 2^3\})$	168
30	$\mathcal{O}(0; \{15, 10, 6^7, 3\})$	680
30	$\mathcal{O}(0; \{15, 10^2, 5^2, 3^3, 2^4\})$	1224
30	$\mathcal{O}(0; \{15, 10^2, 5^2, 3^6\})$	8568
30	$\mathcal{O}(0; \{15, 10^2, 6, 5^2, 3, 2^5\})$	408
30	$\mathcal{O}(0; \{15, 10^2, 6, 5^2, 3^4, 2\})$	4488
30	$\mathcal{O}(0; \{15, 10^2, 6^2, 5^2, 3^2, 2^2\})$	2040

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{15, 10^2, 6^3, 5^2, 2^3\})$	1224
30	$\mathcal{O}(0; \{15, 10^2, 6^4, 5^2, 3\})$	4488
30	$\mathcal{O}(0; \{15, 10^3, 6, 5^4, 3\})$	26216
30	$\mathcal{O}(0; \{15, 10^4, 5, 3^3, 2^2\})$	4920
30	$\mathcal{O}(0; \{15, 10^4, 6, 5, 3, 2^3\})$	1640
30	$\mathcal{O}(0; \{15, 10^4, 6^2, 5, 3^2\})$	8200
30	$\mathcal{O}(0; \{15, 10^4, 6^3, 5, 2\})$	4920
30	$\mathcal{O}(0; \{15, 10^6, 3^3\})$	19656
30	$\mathcal{O}(0; \{15, 10^6, 6, 3, 2\})$	6552
30	$\mathcal{O}(0; \{15^2, 5, 3, 2^{10}\})$	24
30	$\mathcal{O}(0; \{15^2, 5, 3^4, 2^6\})$	264
30	$\mathcal{O}(0; \{15^2, 5, 3^7, 2^2\})$	2040
30	$\mathcal{O}(0; \{15^2, 5^6, 3, 2^2\})$	26216
30	$\mathcal{O}(0; \{15^2, 6, 5, 3^2, 2^7\})$	120
30	$\mathcal{O}(0; \{15^2, 6, 5, 3^5, 2^3\})$	1032
30	$\mathcal{O}(0; \{15^2, 6^2, 5, 2^8\})$	72
30	$\mathcal{O}(0; \{15^2, 6^2, 5, 3^3, 2^4\})$	504
30	$\mathcal{O}(0; \{15^2, 6^2, 5, 3^6\})$	4104
30	$\mathcal{O}(0; \{15^2, 6^2, 5^6\})$	78648
30	$\mathcal{O}(0; \{15^2, 6^3, 5, 3, 2^5\})$	264
30	$\mathcal{O}(0; \{15^2, 6^3, 5, 3^4, 2\})$	2040
30	$\mathcal{O}(0; \{15^2, 6^4, 5, 3^2, 2^2\})$	1032
30	$\mathcal{O}(0; \{15^2, 6^5, 5, 2^3\})$	504
30	$\mathcal{O}(0; \{15^2, 6^6, 5, 3\})$	2040
30	$\mathcal{O}(0; \{15^2, 10, 5^3, 3, 2^5\})$	1640
30	$\mathcal{O}(0; \{15^2, 10, 5^3, 3^4, 2\})$	18040
30	$\mathcal{O}(0; \{15^2, 10, 6, 5^3, 3^2, 2^2\})$	8200
30	$\mathcal{O}(0; \{15^2, 10, 6^2, 5^3, 2^3\})$	4920
30	$\mathcal{O}(0; \{15^2, 10, 6^3, 5^3, 3\})$	18040
30	$\mathcal{O}(0; \{15^2, 10^2, 3, 2^8\})$	104
30	$\mathcal{O}(0; \{15^2, 10^2, 3^4, 2^4\})$	1144
30	$\mathcal{O}(0; \{15^2, 10^2, 3^7\})$	8840
30	$\mathcal{O}(0; \{15^2, 10^2, 5^5, 3\})$	104856
30	$\mathcal{O}(0; \{15^2, 10^2, 6, 3^2, 2^5\})$	520
30	$\mathcal{O}(0; \{15^2, 10^2, 6, 3^5, 2\})$	4472
30	$\mathcal{O}(0; \{15^2, 10^2, 6^2, 2^6\})$	312
30	$\mathcal{O}(0; \{15^2, 10^2, 6^2, 3^3, 2^2\})$	2184
30	$\mathcal{O}(0; \{15^2, 10^2, 6^3, 3, 2^3\})$	1144
30	$\mathcal{O}(0; \{15^2, 10^2, 6^4, 3^2\})$	4472
30	$\mathcal{O}(0; \{15^2, 10^2, 6^5, 2\})$	2184
30	$\mathcal{O}(0; \{15^2, 10^3, 5^2, 3, 2^3\})$	6552
30	$\mathcal{O}(0; \{15^2, 10^3, 6, 5^2, 3^2\})$	32760
30	$\mathcal{O}(0; \{15^2, 10^3, 6^2, 5^2, 2\})$	19656

Continued on next page

Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{15^2, 10^5, 5, 3, 2\})$	26216
30	$\mathcal{O}(0; \{15^3, 5^4, 3^2, 2^2\})$	32760
30	$\mathcal{O}(0; \{15^3, 6, 5^4, 2^3\})$	19656
30	$\mathcal{O}(0; \{15^3, 6^2, 5^4, 3\})$	72072
30	$\mathcal{O}(0; \{15^3, 10, 5, 3^2, 2^5\})$	2040
30	$\mathcal{O}(0; \{15^3, 10, 5, 3^5, 2\})$	17544
30	$\mathcal{O}(0; \{15^3, 10, 6, 5, 2^6\})$	1224
30	$\mathcal{O}(0; \{15^3, 10, 6, 5, 3^3, 2^2\})$	8568
30	$\mathcal{O}(0; \{15^3, 10, 6^2, 5, 3, 2^3\})$	4488
30	$\mathcal{O}(0; \{15^3, 10, 6^3, 5, 3^2\})$	17544
30	$\mathcal{O}(0; \{15^3, 10, 6^4, 5, 2\})$	8568
30	$\mathcal{O}(0; \{15^3, 10^2, 5^3, 3^2\})$	131080
30	$\mathcal{O}(0; \{15^3, 10^2, 6, 5^3, 2\})$	78648
30	$\mathcal{O}(0; \{15^3, 10^3, 3^2, 2^3\})$	8200
30	$\mathcal{O}(0; \{15^3, 10^3, 6, 2^4\})$	4920
30	$\mathcal{O}(0; \{15^3, 10^3, 6, 3^3\})$	34440
30	$\mathcal{O}(0; \{15^3, 10^3, 6^2, 3, 2\})$	18040
30	$\mathcal{O}(0; \{15^4, 5^2, 2^6\})$	4920
30	$\mathcal{O}(0; \{15^4, 5^2, 3^3, 2^2\})$	34440
30	$\mathcal{O}(0; \{15^4, 6, 5^2, 3, 2^3\})$	18040
30	$\mathcal{O}(0; \{15^4, 6^2, 5^2, 3^2\})$	70520
30	$\mathcal{O}(0; \{15^4, 6^3, 5^2, 2\})$	34440
30	$\mathcal{O}(0; \{15^4, 10, 5^4, 2\})$	314568
30	$\mathcal{O}(0; \{15^4, 10^2, 5, 2^4\})$	19656
30	$\mathcal{O}(0; \{15^4, 10^2, 5, 3^3\})$	137592
30	$\mathcal{O}(0; \{15^4, 10^2, 6, 5, 3, 2\})$	72072
30	$\mathcal{O}(0; \{15^4, 10^4, 2^2\})$	78648
30	$\mathcal{O}(0; \{15^5, 3, 2^6\})$	4488
30	$\mathcal{O}(0; \{15^5, 3^4, 2^2\})$	34680
30	$\mathcal{O}(0; \{15^5, 6, 3^2, 2^3\})$	17544
30	$\mathcal{O}(0; \{15^5, 6^2, 2^4\})$	8568
30	$\mathcal{O}(0; \{15^5, 6^2, 3^3\})$	69768
30	$\mathcal{O}(0; \{15^5, 6^3, 3, 2\})$	34680
30	$\mathcal{O}(0; \{15^5, 10, 5^2, 3, 2\})$	288376
30	$\mathcal{O}(0; \{15^6, 10, 3^2, 2\})$	281736
30	$\mathcal{O}(0; \{15^6, 10, 6, 2^2\})$	137592
30	$\mathcal{O}(0; \{15^7, 5, 2^2\})$	550536
30	$\mathcal{O}(0; \{15^7, 10^2\})$	2201976
30	$\mathcal{O}(0; \{30, 5^4, 3, 2^7\})$	408
30	$\mathcal{O}(0; \{30, 5^4, 3^4, 2^3\})$	2040
30	$\mathcal{O}(0; \{30, 6, 5^4, 3^2, 2^4\})$	1224
30	$\mathcal{O}(0; \{30, 6, 5^4, 3^5\})$	8568
30	$\mathcal{O}(0; \{30, 6^2, 5^4, 2^5\})$	408

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30, 6^2, 5^4, 3^3, 2\})$	4488
30	$\mathcal{O}(0; \{30, 6^3, 5^4, 3, 2^2\})$	2040
30	$\mathcal{O}(0; \{30, 6^5, 5^4\})$	4488
30	$\mathcal{O}(0; \{30, 10, 5, 3, 2^{10}\})$	24
30	$\mathcal{O}(0; \{30, 10, 5, 3^4, 2^6\})$	120
30	$\mathcal{O}(0; \{30, 10, 5, 3^7, 2^2\})$	1032
30	$\mathcal{O}(0; \{30, 10, 5^6, 3, 2^2\})$	26216
30	$\mathcal{O}(0; \{30, 10, 6, 5, 3^2, 2^7\})$	72
30	$\mathcal{O}(0; \{30, 10, 6, 5, 3^5, 2^3\})$	504
30	$\mathcal{O}(0; \{30, 10, 6^2, 5, 2^8\})$	24
30	$\mathcal{O}(0; \{30, 10, 6^2, 5, 3^3, 2^4\})$	264
30	$\mathcal{O}(0; \{30, 10, 6^2, 5, 3^6\})$	2040
30	$\mathcal{O}(0; \{30, 10, 6^2, 5^6\})$	26216
30	$\mathcal{O}(0; \{30, 10, 6^3, 5, 3, 2^5\})$	120
30	$\mathcal{O}(0; \{30, 10, 6^3, 5, 3^4, 2\})$	1032
30	$\mathcal{O}(0; \{30, 10, 6^4, 5, 3^2, 2^2\})$	504
30	$\mathcal{O}(0; \{30, 10, 6^5, 5, 2^3\})$	264
30	$\mathcal{O}(0; \{30, 10, 6^6, 5, 3\})$	1032
30	$\mathcal{O}(0; \{30, 10^2, 5^3, 3, 2^5\})$	1640
30	$\mathcal{O}(0; \{30, 10^2, 5^3, 3^4, 2\})$	8200
30	$\mathcal{O}(0; \{30, 10^2, 6, 5^3, 3^2, 2^2\})$	4920
30	$\mathcal{O}(0; \{30, 10^2, 6^2, 5^3, 2^3\})$	1640
30	$\mathcal{O}(0; \{30, 10^2, 6^3, 5^3, 3\})$	8200
30	$\mathcal{O}(0; \{30, 10^3, 3, 2^8\})$	104
30	$\mathcal{O}(0; \{30, 10^3, 3^4, 2^4\})$	520
30	$\mathcal{O}(0; \{30, 10^3, 3^7\})$	4472
30	$\mathcal{O}(0; \{30, 10^3, 5^5, 3\})$	104856
30	$\mathcal{O}(0; \{30, 10^3, 6, 3^2, 2^5\})$	312
30	$\mathcal{O}(0; \{30, 10^3, 6, 3^5, 2\})$	2184
30	$\mathcal{O}(0; \{30, 10^3, 6^2, 2^6\})$	104
30	$\mathcal{O}(0; \{30, 10^3, 6^2, 3^3, 2^2\})$	1144
30	$\mathcal{O}(0; \{30, 10^3, 6^3, 3, 2^3\})$	520
30	$\mathcal{O}(0; \{30, 10^3, 6^4, 3^2\})$	2184
30	$\mathcal{O}(0; \{30, 10^3, 6^5, 2\})$	1144
30	$\mathcal{O}(0; \{30, 10^4, 5^2, 3, 2^3\})$	6552
30	$\mathcal{O}(0; \{30, 10^4, 6, 5^2, 3^2\})$	19656
30	$\mathcal{O}(0; \{30, 10^4, 6^2, 5^2, 2\})$	6552
30	$\mathcal{O}(0; \{30, 10^6, 5, 3, 2\})$	26216
30	$\mathcal{O}(0; \{30, 15, 5^2, 3^2, 2^7\})$	312
30	$\mathcal{O}(0; \{30, 15, 5^2, 3^5, 2^3\})$	2184
30	$\mathcal{O}(0; \{30, 15, 6, 5^2, 2^8\})$	104
30	$\mathcal{O}(0; \{30, 15, 6, 5^2, 3^3, 2^4\})$	1144
30	$\mathcal{O}(0; \{30, 15, 6, 5^2, 3^6\})$	8840

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30, 15, 6, 5^7\})$	104856
30	$\mathcal{O}(0; \{30, 15, 6^2, 5^2, 3, 2^5\})$	520
30	$\mathcal{O}(0; \{30, 15, 6^2, 5^2, 3^4, 2\})$	4472
30	$\mathcal{O}(0; \{30, 15, 6^3, 5^2, 3^2, 2^2\})$	2184
30	$\mathcal{O}(0; \{30, 15, 6^4, 5^2, 2^3\})$	1144
30	$\mathcal{O}(0; \{30, 15, 6^5, 5^2, 3\})$	4472
30	$\mathcal{O}(0; \{30, 15, 10, 5^4, 3^2, 2^2\})$	19656
30	$\mathcal{O}(0; \{30, 15, 10, 6, 5^4, 2^3\})$	6552
30	$\mathcal{O}(0; \{30, 15, 10, 6^2, 5^4, 3\})$	32760
30	$\mathcal{O}(0; \{30, 15, 10^2, 5, 3^2, 2^5\})$	1224
30	$\mathcal{O}(0; \{30, 15, 10^2, 5, 3^5, 2\})$	8568
30	$\mathcal{O}(0; \{30, 15, 10^2, 6, 5, 2^6\})$	408
30	$\mathcal{O}(0; \{30, 15, 10^2, 6, 5, 3^3, 2^2\})$	4488
30	$\mathcal{O}(0; \{30, 15, 10^2, 6^2, 5, 3, 2^3\})$	2040
30	$\mathcal{O}(0; \{30, 15, 10^2, 6^3, 5, 3^2\})$	8568
30	$\mathcal{O}(0; \{30, 15, 10^2, 6^4, 5, 2\})$	4488
30	$\mathcal{O}(0; \{30, 15, 10^3, 5^3, 3^2\})$	78648
30	$\mathcal{O}(0; \{30, 15, 10^3, 6, 5^3, 2\})$	26216
30	$\mathcal{O}(0; \{30, 15, 10^4, 3^2, 2^3\})$	4920
30	$\mathcal{O}(0; \{30, 15, 10^4, 6, 2^4\})$	1640
30	$\mathcal{O}(0; \{30, 15, 10^4, 6, 3^3\})$	18040
30	$\mathcal{O}(0; \{30, 15, 10^4, 6^2, 3, 2\})$	8200
30	$\mathcal{O}(0; \{30, 15^2, 2^{11}\})$	24
30	$\mathcal{O}(0; \{30, 15^2, 3^3, 2^7\})$	264
30	$\mathcal{O}(0; \{30, 15^2, 3^6, 2^3\})$	2040
30	$\mathcal{O}(0; \{30, 15^2, 5^5, 2^3\})$	26216
30	$\mathcal{O}(0; \{30, 15^2, 6, 3, 2^8\})$	120
30	$\mathcal{O}(0; \{30, 15^2, 6, 3^4, 2^4\})$	1032
30	$\mathcal{O}(0; \{30, 15^2, 6, 3^7\})$	8184
30	$\mathcal{O}(0; \{30, 15^2, 6, 5^5, 3\})$	131080
30	$\mathcal{O}(0; \{30, 15^2, 6^2, 3^2, 2^5\})$	504
30	$\mathcal{O}(0; \{30, 15^2, 6^2, 3^5, 2\})$	4104
30	$\mathcal{O}(0; \{30, 15^2, 6^3, 2^6\})$	264
30	$\mathcal{O}(0; \{30, 15^2, 6^3, 3^3, 2^2\})$	2040
30	$\mathcal{O}(0; \{30, 15^2, 6^4, 3, 2^3\})$	1032
30	$\mathcal{O}(0; \{30, 15^2, 6^5, 3^2\})$	4104
30	$\mathcal{O}(0; \{30, 15^2, 6^6, 2\})$	2040
30	$\mathcal{O}(0; \{30, 15^2, 10, 5^2, 2^6\})$	1640
30	$\mathcal{O}(0; \{30, 15^2, 10, 5^2, 3^3, 2^2\})$	18040
30	$\mathcal{O}(0; \{30, 15^2, 10, 6, 5^2, 3, 2^3\})$	8200
30	$\mathcal{O}(0; \{30, 15^2, 10, 6^2, 5^2, 3^2\})$	34440
30	$\mathcal{O}(0; \{30, 15^2, 10, 6^3, 5^2, 2\})$	18040
30	$\mathcal{O}(0; \{30, 15^2, 10^2, 5^4, 2\})$	104856

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30, 15^2, 10^3, 5, 2^4\})$	6552
30	$\mathcal{O}(0; \{30, 15^2, 10^3, 5, 3^3\})$	72072
30	$\mathcal{O}(0; \{30, 15^2, 10^3, 6, 5, 3, 2\})$	32760
30	$\mathcal{O}(0; \{30, 15^2, 10^5, 2^2\})$	26216
30	$\mathcal{O}(0; \{30, 15^3, 5^3, 3, 2^3\})$	32760
30	$\mathcal{O}(0; \{30, 15^3, 6, 5^3, 3^2\})$	137592
30	$\mathcal{O}(0; \{30, 15^3, 6^2, 5^3, 2\})$	72072
30	$\mathcal{O}(0; \{30, 15^3, 10, 3, 2^6\})$	2040
30	$\mathcal{O}(0; \{30, 15^3, 10, 3^4, 2^2\})$	17544
30	$\mathcal{O}(0; \{30, 15^3, 10, 6, 3^2, 2^3\})$	8568
30	$\mathcal{O}(0; \{30, 15^3, 10, 6^2, 2^4\})$	4488
30	$\mathcal{O}(0; \{30, 15^3, 10, 6^2, 3^3\})$	34680
30	$\mathcal{O}(0; \{30, 15^3, 10, 6^3, 3, 2\})$	17544
30	$\mathcal{O}(0; \{30, 15^3, 10^2, 5^2, 3, 2\})$	131080
30	$\mathcal{O}(0; \{30, 15^4, 5, 3^2, 2^3\})$	34440
30	$\mathcal{O}(0; \{30, 15^4, 6, 5, 2^4\})$	18040
30	$\mathcal{O}(0; \{30, 15^4, 6, 5, 3^3\})$	139400
30	$\mathcal{O}(0; \{30, 15^4, 6^2, 5, 3, 2\})$	70520
30	$\mathcal{O}(0; \{30, 15^4, 10^2, 3^2, 2\})$	137592
30	$\mathcal{O}(0; \{30, 15^4, 10^2, 6, 2^2\})$	72072
30	$\mathcal{O}(0; \{30, 15^5, 10, 5, 2^2\})$	288376
30	$\mathcal{O}(0; \{30, 15^5, 10^3\})$	1153416
30	$\mathcal{O}(0; \{30, 15^7, 6\})$	2228360
30	$\mathcal{O}(0; \{30^2, 5^3, 2^8\})$	408
30	$\mathcal{O}(0; \{30^2, 5^3, 3^3, 2^4\})$	2040
30	$\mathcal{O}(0; \{30^2, 5^3, 3^6\})$	17544
30	$\mathcal{O}(0; \{30^2, 5^8\})$	419432
30	$\mathcal{O}(0; \{30^2, 6, 5^3, 3, 2^5\})$	1224
30	$\mathcal{O}(0; \{30^2, 6, 5^3, 3^4, 2\})$	8568
30	$\mathcal{O}(0; \{30^2, 6^2, 5^3, 3^2, 2^2\})$	4488
30	$\mathcal{O}(0; \{30^2, 6^3, 5^3, 2^3\})$	2040
30	$\mathcal{O}(0; \{30^2, 6^4, 5^3, 3\})$	8568
30	$\mathcal{O}(0; \{30^2, 10, 2^{11}\})$	24
30	$\mathcal{O}(0; \{30^2, 10, 3^3, 2^7\})$	120
30	$\mathcal{O}(0; \{30^2, 10, 3^6, 2^3\})$	1032
30	$\mathcal{O}(0; \{30^2, 10, 5^5, 2^3\})$	26216
30	$\mathcal{O}(0; \{30^2, 10, 6, 3, 2^8\})$	72
30	$\mathcal{O}(0; \{30^2, 10, 6, 3^4, 2^4\})$	504
30	$\mathcal{O}(0; \{30^2, 10, 6, 3^7\})$	4104
30	$\mathcal{O}(0; \{30^2, 10, 6, 5^5, 3\})$	78648
30	$\mathcal{O}(0; \{30^2, 10, 6^2, 3^2, 2^5\})$	264
30	$\mathcal{O}(0; \{30^2, 10, 6^2, 3^5, 2\})$	2040
30	$\mathcal{O}(0; \{30^2, 10, 6^3, 2^6\})$	120

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30^2, 10, 6^3, 3^3, 2^2\})$	1032
30	$\mathcal{O}(0; \{30^2, 10, 6^4, 3, 2^3\})$	504
30	$\mathcal{O}(0; \{30^2, 10, 6^5, 3^2\})$	2040
30	$\mathcal{O}(0; \{30^2, 10, 6^6, 2\})$	1032
30	$\mathcal{O}(0; \{30^2, 10^2, 5^2, 2^6\})$	1640
30	$\mathcal{O}(0; \{30^2, 10^2, 5^2, 3^3, 2^2\})$	8200
30	$\mathcal{O}(0; \{30^2, 10^2, 6, 5^2, 3, 2^3\})$	4920
30	$\mathcal{O}(0; \{30^2, 10^2, 6^2, 5^2, 3^2\})$	18040
30	$\mathcal{O}(0; \{30^2, 10^2, 6^3, 5^2, 2\})$	8200
30	$\mathcal{O}(0; \{30^2, 10^3, 5^4, 2\})$	104856
30	$\mathcal{O}(0; \{30^2, 10^4, 5, 2^4\})$	6552
30	$\mathcal{O}(0; \{30^2, 10^4, 5, 3^3\})$	32760
30	$\mathcal{O}(0; \{30^2, 10^4, 6, 5, 3, 2\})$	19656
30	$\mathcal{O}(0; \{30^2, 10^6, 2^2\})$	26216
30	$\mathcal{O}(0; \{30^2, 15, 5, 3, 2^8\})$	312
30	$\mathcal{O}(0; \{30^2, 15, 5, 3^4, 2^4\})$	2184
30	$\mathcal{O}(0; \{30^2, 15, 5, 3^7\})$	17784
30	$\mathcal{O}(0; \{30^2, 15, 5^6, 3\})$	314568
30	$\mathcal{O}(0; \{30^2, 15, 6, 5, 3^2, 2^5\})$	1144
30	$\mathcal{O}(0; \{30^2, 15, 6, 5, 3^5, 2\})$	8840
30	$\mathcal{O}(0; \{30^2, 15, 6^2, 5, 2^6\})$	520
30	$\mathcal{O}(0; \{30^2, 15, 6^2, 5, 3^3, 2^2\})$	4472
30	$\mathcal{O}(0; \{30^2, 15, 6^3, 5, 3, 2^3\})$	2184
30	$\mathcal{O}(0; \{30^2, 15, 6^4, 5, 3^2\})$	8840
30	$\mathcal{O}(0; \{30^2, 15, 6^5, 5, 2\})$	4472
30	$\mathcal{O}(0; \{30^2, 15, 10, 5^3, 3, 2^3\})$	19656
30	$\mathcal{O}(0; \{30^2, 15, 10, 6, 5^3, 3^2\})$	72072
30	$\mathcal{O}(0; \{30^2, 15, 10, 6^2, 5^3, 2\})$	32760
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 3, 2^6\})$	1224
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 3^4, 2^2\})$	8568
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 6, 3^2, 2^3\})$	4488
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 6^2, 2^4\})$	2040
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 6^2, 3^3\})$	17544
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 6^3, 3, 2\})$	8568
30	$\mathcal{O}(0; \{30^2, 15, 10^3, 5^2, 3, 2\})$	78648
30	$\mathcal{O}(0; \{30^2, 15^2, 5^4, 3^2\})$	288376
30	$\mathcal{O}(0; \{30^2, 15^2, 6, 5^4, 2\})$	131080
30	$\mathcal{O}(0; \{30^2, 15^2, 10, 5, 3^2, 2^3\})$	18040
30	$\mathcal{O}(0; \{30^2, 15^2, 10, 6, 5, 2^4\})$	8200
30	$\mathcal{O}(0; \{30^2, 15^2, 10, 6, 5, 3^3\})$	70520
30	$\mathcal{O}(0; \{30^2, 15^2, 10, 6^2, 5, 3, 2\})$	34440
30	$\mathcal{O}(0; \{30^2, 15^2, 10^3, 3^2, 2\})$	72072
30	$\mathcal{O}(0; \{30^2, 15^2, 10^3, 6, 2^2\})$	32760

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30^2, 15^3, 5^2, 2^4\})$	32760
30	$\mathcal{O}(0; \{30^2, 15^3, 5^2, 3^3\})$	281736
30	$\mathcal{O}(0; \{30^2, 15^3, 6, 5^2, 3, 2\})$	137592
30	$\mathcal{O}(0; \{30^2, 15^3, 10^2, 5, 2^2\})$	131080
30	$\mathcal{O}(0; \{30^2, 15^3, 10^4\})$	524280
30	$\mathcal{O}(0; \{30^2, 15^4, 3, 2^4\})$	34440
30	$\mathcal{O}(0; \{30^2, 15^4, 3^4\})$	280440
30	$\mathcal{O}(0; \{30^2, 15^4, 6, 3^2, 2\})$	139400
30	$\mathcal{O}(0; \{30^2, 15^4, 6^2, 2^2\})$	70520
30	$\mathcal{O}(0; \{30^2, 15^5, 10, 6\})$	1127288
30	$\mathcal{O}(0; \{30^2, 15^6, 5\})$	4508808
30	$\mathcal{O}(0; \{30^3, 5^2, 3^2, 2^5\})$	2040
30	$\mathcal{O}(0; \{30^3, 5^2, 3^5, 2\})$	17544
30	$\mathcal{O}(0; \{30^3, 6, 5^2, 2^6\})$	1224
30	$\mathcal{O}(0; \{30^3, 6, 5^2, 3^3, 2^2\})$	8568
30	$\mathcal{O}(0; \{30^3, 6^2, 5^2, 3, 2^3\})$	4488
30	$\mathcal{O}(0; \{30^3, 6^3, 5^2, 3^2\})$	17544
30	$\mathcal{O}(0; \{30^3, 6^4, 5^2, 2\})$	8568
30	$\mathcal{O}(0; \{30^3, 10, 5^4, 3^2\})$	131080
30	$\mathcal{O}(0; \{30^3, 10, 6, 5^4, 2\})$	78648
30	$\mathcal{O}(0; \{30^3, 10^2, 5, 3^2, 2^3\})$	8200
30	$\mathcal{O}(0; \{30^3, 10^2, 6, 5, 2^4\})$	4920
30	$\mathcal{O}(0; \{30^3, 10^2, 6, 5, 3^3\})$	34440
30	$\mathcal{O}(0; \{30^3, 10^2, 6^2, 5, 3, 2\})$	18040
30	$\mathcal{O}(0; \{30^3, 10^4, 3^2, 2\})$	32760
30	$\mathcal{O}(0; \{30^3, 10^4, 6, 2^2\})$	19656
30	$\mathcal{O}(0; \{30^3, 15, 2^9\})$	312
30	$\mathcal{O}(0; \{30^3, 15, 3^3, 2^5\})$	2184
30	$\mathcal{O}(0; \{30^3, 15, 3^6, 2\})$	17784
30	$\mathcal{O}(0; \{30^3, 15, 5^5, 2\})$	314568
30	$\mathcal{O}(0; \{30^3, 15, 6, 3, 2^6\})$	1144
30	$\mathcal{O}(0; \{30^3, 15, 6, 3^4, 2^2\})$	8840
30	$\mathcal{O}(0; \{30^3, 15, 6^2, 3^2, 2^3\})$	4472
30	$\mathcal{O}(0; \{30^3, 15, 6^3, 2^4\})$	2184
30	$\mathcal{O}(0; \{30^3, 15, 6^3, 3^3\})$	17784
30	$\mathcal{O}(0; \{30^3, 15, 6^4, 3, 2\})$	8840
30	$\mathcal{O}(0; \{30^3, 15, 10, 5^2, 2^4\})$	19656
30	$\mathcal{O}(0; \{30^3, 15, 10, 5^2, 3^3\})$	137592
30	$\mathcal{O}(0; \{30^3, 15, 10, 6, 5^2, 3, 2\})$	72072
30	$\mathcal{O}(0; \{30^3, 15, 10^3, 5, 2^2\})$	78648
30	$\mathcal{O}(0; \{30^3, 15, 10^5\})$	314568
30	$\mathcal{O}(0; \{30^3, 15^2, 5^3, 3, 2\})$	288376
30	$\mathcal{O}(0; \{30^3, 15^2, 10, 3, 2^4\})$	18040

Continued on next page

Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30^3, 15^2, 10, 3^4\})$	139400
30	$\mathcal{O}(0; \{30^3, 15^2, 10, 6, 3^2, 2\})$	70520
30	$\mathcal{O}(0; \{30^3, 15^2, 10, 6^2, 2^2\})$	34440
30	$\mathcal{O}(0; \{30^3, 15^3, 5, 3^2, 2\})$	281736
30	$\mathcal{O}(0; \{30^3, 15^3, 6, 5, 2^2\})$	137592
30	$\mathcal{O}(0; \{30^3, 15^3, 10^2, 6\})$	550536
30	$\mathcal{O}(0; \{30^3, 15^4, 10, 5\})$	2201976
30	$\mathcal{O}(0; \{30^4, 5, 3, 2^6\})$	2040
30	$\mathcal{O}(0; \{30^4, 5, 3^4, 2^2\})$	17544
30	$\mathcal{O}(0; \{30^4, 6, 5, 3^2, 2^3\})$	8568
30	$\mathcal{O}(0; \{30^4, 6^2, 5, 2^4\})$	4488
30	$\mathcal{O}(0; \{30^4, 6^2, 5, 3^3\})$	34680
30	$\mathcal{O}(0; \{30^4, 6^3, 5, 3, 2\})$	17544
30	$\mathcal{O}(0; \{30^4, 10, 5^3, 3, 2\})$	131080
30	$\mathcal{O}(0; \{30^4, 10^2, 3, 2^4\})$	8200
30	$\mathcal{O}(0; \{30^4, 10^2, 3^4\})$	70520
30	$\mathcal{O}(0; \{30^4, 10^2, 6, 3^2, 2\})$	34440
30	$\mathcal{O}(0; \{30^4, 10^2, 6^2, 2^2\})$	18040
30	$\mathcal{O}(0; \{30^4, 15, 10, 5, 3^2, 2\})$	137592
30	$\mathcal{O}(0; \{30^4, 15, 10, 6, 5, 2^2\})$	72072
30	$\mathcal{O}(0; \{30^4, 15, 10^3, 6\})$	288376
30	$\mathcal{O}(0; \{30^4, 15^2, 5^2, 2^2\})$	288376
30	$\mathcal{O}(0; \{30^4, 15^2, 10^2, 5\})$	1153416
30	$\mathcal{O}(0; \{30^4, 15^3, 3, 2^2\})$	281736
30	$\mathcal{O}(0; \{30^4, 15^3, 6^2\})$	556920
30	$\mathcal{O}(0; \{30^5, 2^7\})$	2040
30	$\mathcal{O}(0; \{30^5, 3^3, 2^3\})$	17544
30	$\mathcal{O}(0; \{30^5, 6, 3, 2^4\})$	8568
30	$\mathcal{O}(0; \{30^5, 6, 3^4\})$	69768
30	$\mathcal{O}(0; \{30^5, 6^2, 3^2, 2\})$	34680
30	$\mathcal{O}(0; \{30^5, 6^3, 2^2\})$	17544
30	$\mathcal{O}(0; \{30^5, 10, 5^2, 2^2\})$	131080
30	$\mathcal{O}(0; \{30^5, 10^3, 5\})$	524280
30	$\mathcal{O}(0; \{30^5, 15, 10, 3, 2^2\})$	137592
30	$\mathcal{O}(0; \{30^5, 15, 10, 6^2\})$	281736
30	$\mathcal{O}(0; \{30^5, 15^2, 6, 5\})$	1127288
30	$\mathcal{O}(0; \{30^6, 10, 6, 5\})$	550536
30	$\mathcal{O}(0; \{30^6, 15, 5^2\})$	2201976
30	$\mathcal{O}(0; \{30^6, 15^2, 3\})$	2228360
30	$\mathcal{O}(0; \{30^7, 10, 3\})$	1127288
32	$\mathcal{O}(3; \{32^2\})$	17179869184
32	$\mathcal{O}(2; \{32^2, 2^4\})$	16777216
32	$\mathcal{O}(2; \{32^2, 4^2, 2\})$	67108864

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
32	$\mathcal{O}(1; \{32^2, 2^8\})$	16384
32	$\mathcal{O}(1; \{32^2, 4^2, 2^5\})$	65536
32	$\mathcal{O}(1; \{32^2, 4^4, 2^2\})$	262144
32	$\mathcal{O}(1; \{32^2, 8^2, 4, 2^3\})$	524288
32	$\mathcal{O}(1; \{32^2, 8^2, 4^3\})$	2097152
32	$\mathcal{O}(1; \{32^2, 8^4, 2\})$	4194304
32	$\mathcal{O}(1; \{32^2, 16^2, 8, 4, 2\})$	8388608
32	$\mathcal{O}(0; \{32^2, 2^{12}\})$	16
32	$\mathcal{O}(0; \{32^2, 4^2, 2^9\})$	64
32	$\mathcal{O}(0; \{32^2, 4^4, 2^6\})$	256
32	$\mathcal{O}(0; \{32^2, 4^6, 2^3\})$	1024
32	$\mathcal{O}(0; \{32^2, 4^8\})$	4096
32	$\mathcal{O}(0; \{32^2, 8^2, 4, 2^7\})$	512
32	$\mathcal{O}(0; \{32^2, 8^2, 4^3, 2^4\})$	2048
32	$\mathcal{O}(0; \{32^2, 8^2, 4^5, 2\})$	8192
32	$\mathcal{O}(0; \{32^2, 8^4, 2^5\})$	4096
32	$\mathcal{O}(0; \{32^2, 8^4, 4^2, 2^2\})$	16384
32	$\mathcal{O}(0; \{32^2, 8^6, 4\})$	131072
32	$\mathcal{O}(0; \{32^2, 16^2, 8, 4, 2^5\})$	8192
32	$\mathcal{O}(0; \{32^2, 16^2, 8, 4^3, 2^2\})$	32768
32	$\mathcal{O}(0; \{32^2, 16^2, 8^3, 2^3\})$	65536
32	$\mathcal{O}(0; \{32^2, 16^2, 8^3, 4^2\})$	262144
32	$\mathcal{O}(0; \{32^2, 16^4, 4, 2^3\})$	131072
32	$\mathcal{O}(0; \{32^2, 16^4, 4^3\})$	524288
32	$\mathcal{O}(0; \{32^2, 16^4, 8^2, 2\})$	1048576
32	$\mathcal{O}(0; \{32^4, 16, 8, 4, 2^3\})$	262144
32	$\mathcal{O}(0; \{32^4, 16, 8, 4^3\})$	1048576
32	$\mathcal{O}(0; \{32^4, 16, 8^3, 2\})$	2097152
32	$\mathcal{O}(0; \{32^4, 16^3, 4, 2\})$	4194304
32	$\mathcal{O}(0; \{32^6, 8, 4, 2\})$	8388608
33	$\mathcal{O}(2; \{33^2, 11^2\})$	2158376220
33	$\mathcal{O}(1; \{33^2, 11^2, 3^3\})$	9909900
33	$\mathcal{O}(1; \{33^5, 11\})$	990009900
33	$\mathcal{O}(0; \{33, 11^6, 3^2\})$	1818180
33	$\mathcal{O}(0; \{33^2, 11^2, 3^6\})$	78260
33	$\mathcal{O}(0; \{33^3, 11, 3^3\})$	7818260
33	$\mathcal{O}(0; \{33^8\})$	781818260
34	$\mathcal{O}(0; \{17^7, 2^2\})$	15790320
34	$\mathcal{O}(0; \{34^2, 17^6\})$	252645136
35	$\mathcal{O}(2; \{7^4\})$	278669664
35	$\mathcal{O}(2; \{35, 7, 5^2\})$	108045000
35	$\mathcal{O}(1; \{35^3, 7^2, 5\})$	70707000
35	$\mathcal{O}(0; \{7^4, 5^5\})$	37944

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
35	$\mathcal{O}(0; \{35, 7, 5^7\})$	78648
35	$\mathcal{O}(0; \{35^5, 7^3\})$	48948984
35	$\mathcal{O}(0; \{35^6, 5^2\})$	87377928
36	$\mathcal{O}(2; \{9^2, 4^2\})$	20155392
36	$\mathcal{O}(2; \{36, 9, 4, 3\})$	40310784
36	$\mathcal{O}(2; \{36, 12, 9, 2\})$	40310784
36	$\mathcal{O}(2; \{36^2, 3^2\})$	80621568
36	$\mathcal{O}(2; \{36^2, 6, 2\})$	40310784
36	$\mathcal{O}(1; \{9^2, 4^2, 2^4\})$	15552
36	$\mathcal{O}(1; \{9^2, 4^2, 3^3\})$	124416
36	$\mathcal{O}(1; \{9^2, 4^4, 2\})$	62208
36	$\mathcal{O}(1; \{9^2, 6, 4^2, 3, 2\})$	62208
36	$\mathcal{O}(1; \{12, 9^2, 4, 3^2, 2\})$	124416
36	$\mathcal{O}(1; \{12, 9^2, 6, 4, 2^2\})$	62208
36	$\mathcal{O}(1; \{12^2, 9^2, 3, 2^2\})$	124416
36	$\mathcal{O}(1; \{12^2, 9^2, 6^2\})$	248832
36	$\mathcal{O}(1; \{12^3, 9^2, 4\})$	497664
36	$\mathcal{O}(1; \{18, 12, 9^3, 4\})$	839808
36	$\mathcal{O}(1; \{18^2, 9, 4^2, 2^2\})$	46656
36	$\mathcal{O}(1; \{18^2, 12, 9, 6, 4\})$	186624
36	$\mathcal{O}(1; \{18^2, 12^2, 9, 3\})$	373248
36	$\mathcal{O}(1; \{18^4, 4^2\})$	419904
36	$\mathcal{O}(1; \{36, 9, 4, 3, 2^4\})$	31104
36	$\mathcal{O}(1; \{36, 9, 4, 3^4\})$	248832
36	$\mathcal{O}(1; \{36, 9, 4^3, 3, 2\})$	124416
36	$\mathcal{O}(1; \{36, 9, 6, 4, 3^2, 2\})$	124416
36	$\mathcal{O}(1; \{36, 9, 6^2, 4, 2^2\})$	62208
36	$\mathcal{O}(1; \{36, 9^4, 4\})$	2099520
36	$\mathcal{O}(1; \{36, 12, 9, 2^5\})$	31104
36	$\mathcal{O}(1; \{36, 12, 9, 3^3, 2\})$	248832
36	$\mathcal{O}(1; \{36, 12, 9, 4^2, 2^2\})$	124416
36	$\mathcal{O}(1; \{36, 12, 9, 6, 3, 2^2\})$	124416
36	$\mathcal{O}(1; \{36, 12, 9, 6^3\})$	248832
36	$\mathcal{O}(1; \{36, 12^2, 9, 6, 4\})$	497664
36	$\mathcal{O}(1; \{36, 12^3, 9, 3\})$	995328
36	$\mathcal{O}(1; \{36, 18, 9^2, 6, 4\})$	839808
36	$\mathcal{O}(1; \{36, 18, 12, 9^2, 3\})$	1679616
36	$\mathcal{O}(1; \{36, 18^2, 4, 3, 2^2\})$	93312
36	$\mathcal{O}(1; \{36, 18^2, 6^2, 4\})$	186624
36	$\mathcal{O}(1; \{36, 18^2, 12, 2^3\})$	93312
36	$\mathcal{O}(1; \{36, 18^2, 12, 4^2\})$	373248
36	$\mathcal{O}(1; \{36, 18^2, 12, 6, 3\})$	373248
36	$\mathcal{O}(1; \{36^2, 3^2, 2^4\})$	62208

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(1; \{36^2, 3^5\})$	497664
36	$\mathcal{O}(1; \{36^2, 4^2, 3^2, 2\})$	248832
36	$\mathcal{O}(1; \{36^2, 6, 2^5\})$	31104
36	$\mathcal{O}(1; \{36^2, 6, 3^3, 2\})$	248832
36	$\mathcal{O}(1; \{36^2, 6, 4^2, 2^2\})$	124416
36	$\mathcal{O}(1; \{36^2, 6^2, 3, 2^2\})$	124416
36	$\mathcal{O}(1; \{36^2, 6^4\})$	248832
36	$\mathcal{O}(1; \{36^2, 9^3, 3\})$	4199040
36	$\mathcal{O}(1; \{36^2, 12, 4, 3, 2^2\})$	248832
36	$\mathcal{O}(1; \{36^2, 12, 6^2, 4\})$	497664
36	$\mathcal{O}(1; \{36^2, 12^2, 2^3\})$	248832
36	$\mathcal{O}(1; \{36^2, 12^2, 4^2\})$	995328
36	$\mathcal{O}(1; \{36^2, 12^2, 6, 3\})$	995328
36	$\mathcal{O}(1; \{36^2, 18, 9, 2^3\})$	419904
36	$\mathcal{O}(1; \{36^2, 18, 9, 4^2\})$	1679616
36	$\mathcal{O}(1; \{36^2, 18, 9, 6, 3\})$	1679616
36	$\mathcal{O}(1; \{36^2, 18^3, 2\})$	2099520
36	$\mathcal{O}(1; \{36^3, 18, 4, 3\})$	3359232
36	$\mathcal{O}(1; \{36^3, 18, 12, 2\})$	3359232
36	$\mathcal{O}(1; \{36^4, 9, 2\})$	8398080
36	$\mathcal{O}(0; \{9^2, 4^2, 2^8\})$	12
36	$\mathcal{O}(0; \{9^2, 4^2, 3^3, 2^4\})$	96
36	$\mathcal{O}(0; \{9^2, 4^2, 3^6\})$	768
36	$\mathcal{O}(0; \{9^2, 4^4, 2^5\})$	48
36	$\mathcal{O}(0; \{9^2, 4^4, 3^3, 2\})$	384
36	$\mathcal{O}(0; \{9^2, 4^6, 2^2\})$	192
36	$\mathcal{O}(0; \{9^2, 6, 4^2, 3, 2^5\})$	48
36	$\mathcal{O}(0; \{9^2, 6, 4^2, 3^4, 2\})$	384
36	$\mathcal{O}(0; \{9^2, 6, 4^4, 3, 2^2\})$	192
36	$\mathcal{O}(0; \{9^2, 6^2, 4^2, 3^2, 2^2\})$	192
36	$\mathcal{O}(0; \{9^2, 6^3, 4^2, 2^3\})$	96
36	$\mathcal{O}(0; \{9^2, 6^3, 4^4\})$	384
36	$\mathcal{O}(0; \{9^2, 6^4, 4^2, 3\})$	384
36	$\mathcal{O}(0; \{9^5, 4^2, 3^2\})$	6480
36	$\mathcal{O}(0; \{9^5, 6, 4^2, 2\})$	3240
36	$\mathcal{O}(0; \{12, 9^2, 4, 3^2, 2^5\})$	96
36	$\mathcal{O}(0; \{12, 9^2, 4, 3^5, 2\})$	768
36	$\mathcal{O}(0; \{12, 9^2, 4^3, 3^2, 2^2\})$	384
36	$\mathcal{O}(0; \{12, 9^2, 6, 4, 2^6\})$	48
36	$\mathcal{O}(0; \{12, 9^2, 6, 4, 3^3, 2^2\})$	384
36	$\mathcal{O}(0; \{12, 9^2, 6, 4^3, 2^3\})$	192
36	$\mathcal{O}(0; \{12, 9^2, 6, 4^5\})$	768
36	$\mathcal{O}(0; \{12, 9^2, 6^2, 4, 3, 2^3\})$	192

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{12, 9^2, 6^2, 4^3, 3\})$	768
36	$\mathcal{O}(0; \{12, 9^2, 6^3, 4, 3^2\})$	768
36	$\mathcal{O}(0; \{12, 9^2, 6^4, 4, 2\})$	384
36	$\mathcal{O}(0; \{12, 9^5, 4, 3, 2\})$	6480
36	$\mathcal{O}(0; \{12^2, 9^2, 3, 2^6\})$	96
36	$\mathcal{O}(0; \{12^2, 9^2, 3^4, 2^2\})$	768
36	$\mathcal{O}(0; \{12^2, 9^2, 4^2, 3, 2^3\})$	384
36	$\mathcal{O}(0; \{12^2, 9^2, 4^4, 3\})$	1536
36	$\mathcal{O}(0; \{12^2, 9^2, 6, 3^2, 2^3\})$	384
36	$\mathcal{O}(0; \{12^2, 9^2, 6, 4^2, 3^2\})$	1536
36	$\mathcal{O}(0; \{12^2, 9^2, 6^2, 2^4\})$	192
36	$\mathcal{O}(0; \{12^2, 9^2, 6^2, 3^3\})$	1536
36	$\mathcal{O}(0; \{12^2, 9^2, 6^2, 4^2, 2\})$	768
36	$\mathcal{O}(0; \{12^2, 9^2, 6^3, 3, 2\})$	768
36	$\mathcal{O}(0; \{12^2, 9^5, 2^2\})$	6480
36	$\mathcal{O}(0; \{12^3, 9^2, 4, 2^4\})$	384
36	$\mathcal{O}(0; \{12^3, 9^2, 4, 3^3\})$	3072
36	$\mathcal{O}(0; \{12^3, 9^2, 4^3, 2\})$	1536
36	$\mathcal{O}(0; \{12^3, 9^2, 6, 4, 3, 2\})$	1536
36	$\mathcal{O}(0; \{12^4, 9^2, 3^2, 2\})$	3072
36	$\mathcal{O}(0; \{12^4, 9^2, 6, 2^2\})$	1536
36	$\mathcal{O}(0; \{12^6, 9^2\})$	12288
36	$\mathcal{O}(0; \{18, 9^3, 4^2, 3, 2^3\})$	648
36	$\mathcal{O}(0; \{18, 9^3, 4^4, 3\})$	2592
36	$\mathcal{O}(0; \{18, 9^3, 6, 4^2, 3^2\})$	2592
36	$\mathcal{O}(0; \{18, 9^3, 6^2, 4^2, 2\})$	1296
36	$\mathcal{O}(0; \{18, 12, 9^3, 4, 2^4\})$	648
36	$\mathcal{O}(0; \{18, 12, 9^3, 4, 3^3\})$	5184
36	$\mathcal{O}(0; \{18, 12, 9^3, 4^3, 2\})$	2592
36	$\mathcal{O}(0; \{18, 12, 9^3, 6, 4, 3, 2\})$	2592
36	$\mathcal{O}(0; \{18, 12^2, 9^3, 3^2, 2\})$	5184
36	$\mathcal{O}(0; \{18, 12^2, 9^3, 6, 2^2\})$	2592
36	$\mathcal{O}(0; \{18, 12^4, 9^3\})$	20736
36	$\mathcal{O}(0; \{18^2, 9, 4^2, 2^6\})$	36
36	$\mathcal{O}(0; \{18^2, 9, 4^2, 3^3, 2^2\})$	288
36	$\mathcal{O}(0; \{18^2, 9, 4^4, 2^3\})$	144
36	$\mathcal{O}(0; \{18^2, 9, 4^6\})$	576
36	$\mathcal{O}(0; \{18^2, 9, 6, 4^2, 3, 2^3\})$	144
36	$\mathcal{O}(0; \{18^2, 9, 6, 4^4, 3\})$	576
36	$\mathcal{O}(0; \{18^2, 9, 6^2, 4^2, 3^2\})$	576
36	$\mathcal{O}(0; \{18^2, 9, 6^3, 4^2, 2\})$	288
36	$\mathcal{O}(0; \{18^2, 12, 9, 4, 3^2, 2^3\})$	288
36	$\mathcal{O}(0; \{18^2, 12, 9, 4^3, 3^2\})$	1152

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{18^2, 12, 9, 6, 4, 2^4\})$	144
36	$\mathcal{O}(0; \{18^2, 12, 9, 6, 4, 3^3\})$	1152
36	$\mathcal{O}(0; \{18^2, 12, 9, 6, 4^3, 2\})$	576
36	$\mathcal{O}(0; \{18^2, 12, 9, 6^2, 4, 3, 2\})$	576
36	$\mathcal{O}(0; \{18^2, 12^2, 9, 3, 2^4\})$	288
36	$\mathcal{O}(0; \{18^2, 12^2, 9, 3^4\})$	2304
36	$\mathcal{O}(0; \{18^2, 12^2, 9, 4^2, 3, 2\})$	1152
36	$\mathcal{O}(0; \{18^2, 12^2, 9, 6, 3^2, 2\})$	1152
36	$\mathcal{O}(0; \{18^2, 12^2, 9, 6^2, 2^2\})$	576
36	$\mathcal{O}(0; \{18^2, 12^2, 9^4\})$	42768
36	$\mathcal{O}(0; \{18^2, 12^3, 9, 4, 2^2\})$	1152
36	$\mathcal{O}(0; \{18^2, 12^4, 9, 6\})$	4608
36	$\mathcal{O}(0; \{18^3, 9^2, 4^2, 3, 2\})$	3240
36	$\mathcal{O}(0; \{18^3, 12, 9^2, 4, 2^2\})$	3240
36	$\mathcal{O}(0; \{18^3, 12^2, 9^2, 6\})$	12960
36	$\mathcal{O}(0; \{18^4, 4^2, 2^4\})$	324
36	$\mathcal{O}(0; \{18^4, 4^2, 3^3\})$	2592
36	$\mathcal{O}(0; \{18^4, 4^4, 2\})$	1296
36	$\mathcal{O}(0; \{18^4, 6, 4^2, 3, 2\})$	1296
36	$\mathcal{O}(0; \{18^4, 12, 4, 3^2, 2\})$	2592
36	$\mathcal{O}(0; \{18^4, 12, 6, 4, 2^2\})$	1296
36	$\mathcal{O}(0; \{18^4, 12^2, 3, 2^2\})$	2592
36	$\mathcal{O}(0; \{18^4, 12^2, 6^2\})$	5184
36	$\mathcal{O}(0; \{18^4, 12^3, 4\})$	10368
36	$\mathcal{O}(0; \{18^5, 12, 9, 4\})$	21384
36	$\mathcal{O}(0; \{36, 9, 4, 3, 2^8\})$	24
36	$\mathcal{O}(0; \{36, 9, 4, 3^4, 2^4\})$	192
36	$\mathcal{O}(0; \{36, 9, 4, 3^7\})$	1536
36	$\mathcal{O}(0; \{36, 9, 4^3, 3, 2^5\})$	96
36	$\mathcal{O}(0; \{36, 9, 4^3, 3^4, 2\})$	768
36	$\mathcal{O}(0; \{36, 9, 4^5, 3, 2^2\})$	384
36	$\mathcal{O}(0; \{36, 9, 6, 4, 3^2, 2^5\})$	96
36	$\mathcal{O}(0; \{36, 9, 6, 4, 3^5, 2\})$	768
36	$\mathcal{O}(0; \{36, 9, 6, 4^3, 3^2, 2^2\})$	384
36	$\mathcal{O}(0; \{36, 9, 6^2, 4, 2^6\})$	48
36	$\mathcal{O}(0; \{36, 9, 6^2, 4, 3^3, 2^2\})$	384
36	$\mathcal{O}(0; \{36, 9, 6^2, 4^3, 2^3\})$	192
36	$\mathcal{O}(0; \{36, 9, 6^2, 4^5\})$	768
36	$\mathcal{O}(0; \{36, 9, 6^3, 4, 3, 2^3\})$	192
36	$\mathcal{O}(0; \{36, 9, 6^3, 4^3, 3\})$	768
36	$\mathcal{O}(0; \{36, 9, 6^4, 4, 3^2\})$	768
36	$\mathcal{O}(0; \{36, 9, 6^5, 4, 2\})$	384
36	$\mathcal{O}(0; \{36, 9^4, 4, 2^4\})$	1620

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36, 9^4, 4, 3^3\})$	12960
36	$\mathcal{O}(0; \{36, 9^4, 4^3, 2\})$	6480
36	$\mathcal{O}(0; \{36, 9^4, 6, 4, 3, 2\})$	6480
36	$\mathcal{O}(0; \{36, 12, 9, 2^9\})$	24
36	$\mathcal{O}(0; \{36, 12, 9, 3^3, 2^5\})$	192
36	$\mathcal{O}(0; \{36, 12, 9, 3^6, 2\})$	1536
36	$\mathcal{O}(0; \{36, 12, 9, 4^2, 2^6\})$	96
36	$\mathcal{O}(0; \{36, 12, 9, 4^2, 3^3, 2^2\})$	768
36	$\mathcal{O}(0; \{36, 12, 9, 4^4, 2^3\})$	384
36	$\mathcal{O}(0; \{36, 12, 9, 4^6\})$	1536
36	$\mathcal{O}(0; \{36, 12, 9, 6, 3, 2^6\})$	96
36	$\mathcal{O}(0; \{36, 12, 9, 6, 3^4, 2^2\})$	768
36	$\mathcal{O}(0; \{36, 12, 9, 6, 4^2, 3, 2^3\})$	384
36	$\mathcal{O}(0; \{36, 12, 9, 6, 4^4, 3\})$	1536
36	$\mathcal{O}(0; \{36, 12, 9, 6^2, 3^2, 2^3\})$	384
36	$\mathcal{O}(0; \{36, 12, 9, 6^2, 4^2, 3^2\})$	1536
36	$\mathcal{O}(0; \{36, 12, 9, 6^3, 2^4\})$	192
36	$\mathcal{O}(0; \{36, 12, 9, 6^3, 3^3\})$	1536
36	$\mathcal{O}(0; \{36, 12, 9, 6^3, 4^2, 2\})$	768
36	$\mathcal{O}(0; \{36, 12, 9, 6^4, 3, 2\})$	768
36	$\mathcal{O}(0; \{36, 12, 9^4, 3^2, 2\})$	12960
36	$\mathcal{O}(0; \{36, 12, 9^4, 6, 2^2\})$	6480
36	$\mathcal{O}(0; \{36, 12^2, 9, 4, 3^2, 2^3\})$	768
36	$\mathcal{O}(0; \{36, 12^2, 9, 4^3, 3^2\})$	3072
36	$\mathcal{O}(0; \{36, 12^2, 9, 6, 4, 2^4\})$	384
36	$\mathcal{O}(0; \{36, 12^2, 9, 6, 4, 3^3\})$	3072
36	$\mathcal{O}(0; \{36, 12^2, 9, 6, 4^3, 2\})$	1536
36	$\mathcal{O}(0; \{36, 12^2, 9, 6^2, 4, 3, 2\})$	1536
36	$\mathcal{O}(0; \{36, 12^3, 9, 3, 2^4\})$	768
36	$\mathcal{O}(0; \{36, 12^3, 9, 3^4\})$	6144
36	$\mathcal{O}(0; \{36, 12^3, 9, 4^2, 3, 2\})$	3072
36	$\mathcal{O}(0; \{36, 12^3, 9, 6, 3^2, 2\})$	3072
36	$\mathcal{O}(0; \{36, 12^3, 9, 6^2, 2^2\})$	1536
36	$\mathcal{O}(0; \{36, 12^3, 9^4\})$	51840
36	$\mathcal{O}(0; \{36, 12^4, 9, 4, 2^2\})$	3072
36	$\mathcal{O}(0; \{36, 12^5, 9, 6\})$	12288
36	$\mathcal{O}(0; \{36, 18, 9^2, 4, 3^2, 2^3\})$	1296
36	$\mathcal{O}(0; \{36, 18, 9^2, 4^3, 3^2\})$	5184
36	$\mathcal{O}(0; \{36, 18, 9^2, 6, 4, 2^4\})$	648
36	$\mathcal{O}(0; \{36, 18, 9^2, 6, 4, 3^3\})$	5184
36	$\mathcal{O}(0; \{36, 18, 9^2, 6, 4^3, 2\})$	2592
36	$\mathcal{O}(0; \{36, 18, 9^2, 6^2, 4, 3, 2\})$	2592
36	$\mathcal{O}(0; \{36, 18, 12, 9^2, 3, 2^4\})$	1296

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36, 18, 12, 9^2, 3^4\})$	10368
36	$\mathcal{O}(0; \{36, 18, 12, 9^2, 4^2, 3, 2\})$	5184
36	$\mathcal{O}(0; \{36, 18, 12, 9^2, 6, 3^2, 2\})$	5184
36	$\mathcal{O}(0; \{36, 18, 12, 9^2, 6^2, 2^2\})$	2592
36	$\mathcal{O}(0; \{36, 18, 12, 9^5\})$	122472
36	$\mathcal{O}(0; \{36, 18, 12^2, 9^2, 4, 2^2\})$	5184
36	$\mathcal{O}(0; \{36, 18, 12^3, 9^2, 6\})$	20736
36	$\mathcal{O}(0; \{36, 18^2, 4, 3, 2^6\})$	72
36	$\mathcal{O}(0; \{36, 18^2, 4, 3^4, 2^2\})$	576
36	$\mathcal{O}(0; \{36, 18^2, 4^3, 3, 2^3\})$	288
36	$\mathcal{O}(0; \{36, 18^2, 4^5, 3\})$	1152
36	$\mathcal{O}(0; \{36, 18^2, 6, 4, 3^2, 2^3\})$	288
36	$\mathcal{O}(0; \{36, 18^2, 6, 4^3, 3^2\})$	1152
36	$\mathcal{O}(0; \{36, 18^2, 6^2, 4, 2^4\})$	144
36	$\mathcal{O}(0; \{36, 18^2, 6^2, 4, 3^3\})$	1152
36	$\mathcal{O}(0; \{36, 18^2, 6^2, 4^3, 2\})$	576
36	$\mathcal{O}(0; \{36, 18^2, 6^3, 4, 3, 2\})$	576
36	$\mathcal{O}(0; \{36, 18^2, 9^3, 4, 2^2\})$	10692
36	$\mathcal{O}(0; \{36, 18^2, 12, 2^7\})$	72
36	$\mathcal{O}(0; \{36, 18^2, 12, 3^3, 2^3\})$	576
36	$\mathcal{O}(0; \{36, 18^2, 12, 4^2, 2^4\})$	288
36	$\mathcal{O}(0; \{36, 18^2, 12, 4^2, 3^3\})$	2304
36	$\mathcal{O}(0; \{36, 18^2, 12, 4^4, 2\})$	1152
36	$\mathcal{O}(0; \{36, 18^2, 12, 6, 3, 2^4\})$	288
36	$\mathcal{O}(0; \{36, 18^2, 12, 6, 3^4\})$	2304
36	$\mathcal{O}(0; \{36, 18^2, 12, 6, 4^2, 3, 2\})$	1152
36	$\mathcal{O}(0; \{36, 18^2, 12, 6^2, 3^2, 2\})$	1152
36	$\mathcal{O}(0; \{36, 18^2, 12, 6^3, 2^2\})$	576
36	$\mathcal{O}(0; \{36, 18^2, 12, 9^3, 6\})$	42768
36	$\mathcal{O}(0; \{36, 18^2, 12^2, 4, 3^2, 2\})$	2304
36	$\mathcal{O}(0; \{36, 18^2, 12^2, 6, 4, 2^2\})$	1152
36	$\mathcal{O}(0; \{36, 18^2, 12^3, 3, 2^2\})$	2304
36	$\mathcal{O}(0; \{36, 18^2, 12^3, 6^2\})$	4608
36	$\mathcal{O}(0; \{36, 18^2, 12^4, 4\})$	9216
36	$\mathcal{O}(0; \{36, 18^3, 9, 4, 3^2, 2\})$	6480
36	$\mathcal{O}(0; \{36, 18^3, 9, 6, 4, 2^2\})$	3240
36	$\mathcal{O}(0; \{36, 18^3, 12, 9, 3, 2^2\})$	6480
36	$\mathcal{O}(0; \{36, 18^3, 12, 9, 6^2\})$	12960
36	$\mathcal{O}(0; \{36, 18^3, 12^2, 9, 4\})$	25920
36	$\mathcal{O}(0; \{36, 18^4, 9^2, 4\})$	61236
36	$\mathcal{O}(0; \{36, 18^5, 6, 4\})$	21384
36	$\mathcal{O}(0; \{36, 18^5, 12, 3\})$	42768
36	$\mathcal{O}(0; \{36^2, 3^2, 2^8\})$	48

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36^2, 3^5, 2^4\})$	384
36	$\mathcal{O}(0; \{36^2, 3^8\})$	3072
36	$\mathcal{O}(0; \{36^2, 4^2, 3^2, 2^5\})$	192
36	$\mathcal{O}(0; \{36^2, 4^2, 3^5, 2\})$	1536
36	$\mathcal{O}(0; \{36^2, 4^4, 3^2, 2^2\})$	768
36	$\mathcal{O}(0; \{36^2, 6, 2^9\})$	24
36	$\mathcal{O}(0; \{36^2, 6, 3^3, 2^5\})$	192
36	$\mathcal{O}(0; \{36^2, 6, 3^6, 2\})$	1536
36	$\mathcal{O}(0; \{36^2, 6, 4^2, 2^6\})$	96
36	$\mathcal{O}(0; \{36^2, 6, 4^2, 3^3, 2^2\})$	768
36	$\mathcal{O}(0; \{36^2, 6, 4^4, 2^3\})$	384
36	$\mathcal{O}(0; \{36^2, 6, 4^6\})$	1536
36	$\mathcal{O}(0; \{36^2, 6^2, 3, 2^6\})$	96
36	$\mathcal{O}(0; \{36^2, 6^2, 3^4, 2^2\})$	768
36	$\mathcal{O}(0; \{36^2, 6^2, 4^2, 3, 2^3\})$	384
36	$\mathcal{O}(0; \{36^2, 6^2, 4^4, 3\})$	1536
36	$\mathcal{O}(0; \{36^2, 6^3, 3^2, 2^3\})$	384
36	$\mathcal{O}(0; \{36^2, 6^3, 4^2, 3^2\})$	1536
36	$\mathcal{O}(0; \{36^2, 6^4, 2^4\})$	192
36	$\mathcal{O}(0; \{36^2, 6^4, 3^3\})$	1536
36	$\mathcal{O}(0; \{36^2, 6^4, 4^2, 2\})$	768
36	$\mathcal{O}(0; \{36^2, 6^5, 3, 2\})$	768
36	$\mathcal{O}(0; \{36^2, 9^3, 3, 2^4\})$	3240
36	$\mathcal{O}(0; \{36^2, 9^3, 3^4\})$	25920
36	$\mathcal{O}(0; \{36^2, 9^3, 4^2, 3, 2\})$	12960
36	$\mathcal{O}(0; \{36^2, 9^3, 6, 3^2, 2\})$	12960
36	$\mathcal{O}(0; \{36^2, 9^3, 6^2, 2^2\})$	6480
36	$\mathcal{O}(0; \{36^2, 9^6\})$	376164
36	$\mathcal{O}(0; \{36^2, 12, 4, 3, 2^6\})$	192
36	$\mathcal{O}(0; \{36^2, 12, 4, 3^4, 2^2\})$	1536
36	$\mathcal{O}(0; \{36^2, 12, 4^3, 3, 2^3\})$	768
36	$\mathcal{O}(0; \{36^2, 12, 4^5, 3\})$	3072
36	$\mathcal{O}(0; \{36^2, 12, 6, 4, 3^2, 2^3\})$	768
36	$\mathcal{O}(0; \{36^2, 12, 6, 4^3, 3^2\})$	3072
36	$\mathcal{O}(0; \{36^2, 12, 6^2, 4, 2^4\})$	384
36	$\mathcal{O}(0; \{36^2, 12, 6^2, 4, 3^3\})$	3072
36	$\mathcal{O}(0; \{36^2, 12, 6^2, 4^3, 2\})$	1536
36	$\mathcal{O}(0; \{36^2, 12, 6^3, 4, 3, 2\})$	1536
36	$\mathcal{O}(0; \{36^2, 12, 9^3, 4, 2^2\})$	12960
36	$\mathcal{O}(0; \{36^2, 12^2, 2^7\})$	192
36	$\mathcal{O}(0; \{36^2, 12^2, 3^3, 2^3\})$	1536
36	$\mathcal{O}(0; \{36^2, 12^2, 4^2, 2^4\})$	768
36	$\mathcal{O}(0; \{36^2, 12^2, 4^2, 3^3\})$	6144

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36^2, 12^2, 4^4, 2\})$	3072
36	$\mathcal{O}(0; \{36^2, 12^2, 6, 3, 2^4\})$	768
36	$\mathcal{O}(0; \{36^2, 12^2, 6, 3^4\})$	6144
36	$\mathcal{O}(0; \{36^2, 12^2, 6, 4^2, 3, 2\})$	3072
36	$\mathcal{O}(0; \{36^2, 12^2, 6^2, 3^2, 2\})$	3072
36	$\mathcal{O}(0; \{36^2, 12^2, 6^3, 2^2\})$	1536
36	$\mathcal{O}(0; \{36^2, 12^2, 9^3, 6\})$	51840
36	$\mathcal{O}(0; \{36^2, 12^3, 4, 3^2, 2\})$	6144
36	$\mathcal{O}(0; \{36^2, 12^3, 6, 4, 2^2\})$	3072
36	$\mathcal{O}(0; \{36^2, 12^4, 3, 2^2\})$	6144
36	$\mathcal{O}(0; \{36^2, 12^4, 6^2\})$	12288
36	$\mathcal{O}(0; \{36^2, 12^5, 4\})$	24576
36	$\mathcal{O}(0; \{36^2, 18, 9, 2^7\})$	324
36	$\mathcal{O}(0; \{36^2, 18, 9, 3^3, 2^3\})$	2592
36	$\mathcal{O}(0; \{36^2, 18, 9, 4^2, 2^4\})$	1296
36	$\mathcal{O}(0; \{36^2, 18, 9, 4^2, 3^3\})$	10368
36	$\mathcal{O}(0; \{36^2, 18, 9, 4^4, 2\})$	5184
36	$\mathcal{O}(0; \{36^2, 18, 9, 6, 3, 2^4\})$	1296
36	$\mathcal{O}(0; \{36^2, 18, 9, 6, 3^4\})$	10368
36	$\mathcal{O}(0; \{36^2, 18, 9, 6, 4^2, 3, 2\})$	5184
36	$\mathcal{O}(0; \{36^2, 18, 9, 6^2, 3^2, 2\})$	5184
36	$\mathcal{O}(0; \{36^2, 18, 9, 6^3, 2^2\})$	2592
36	$\mathcal{O}(0; \{36^2, 18, 9^4, 6\})$	122472
36	$\mathcal{O}(0; \{36^2, 18, 12, 9, 4, 3^2, 2\})$	10368
36	$\mathcal{O}(0; \{36^2, 18, 12, 9, 6, 4, 2^2\})$	5184
36	$\mathcal{O}(0; \{36^2, 18, 12^2, 9, 3, 2^2\})$	10368
36	$\mathcal{O}(0; \{36^2, 18, 12^2, 9, 6^2\})$	20736
36	$\mathcal{O}(0; \{36^2, 18, 12^3, 9, 4\})$	41472
36	$\mathcal{O}(0; \{36^2, 18^2, 9^2, 3, 2^2\})$	21384
36	$\mathcal{O}(0; \{36^2, 18^2, 9^2, 6^2\})$	42768
36	$\mathcal{O}(0; \{36^2, 18^2, 12, 9^2, 4\})$	85536
36	$\mathcal{O}(0; \{36^2, 18^3, 2^5\})$	1620
36	$\mathcal{O}(0; \{36^2, 18^3, 3^3, 2\})$	12960
36	$\mathcal{O}(0; \{36^2, 18^3, 4^2, 2^2\})$	6480
36	$\mathcal{O}(0; \{36^2, 18^3, 6, 3, 2^2\})$	6480
36	$\mathcal{O}(0; \{36^2, 18^3, 6^3\})$	12960
36	$\mathcal{O}(0; \{36^2, 18^3, 12, 6, 4\})$	25920
36	$\mathcal{O}(0; \{36^2, 18^3, 12^2, 3\})$	51840
36	$\mathcal{O}(0; \{36^2, 18^4, 9, 3\})$	122472
36	$\mathcal{O}(0; \{36^3, 9^2, 4, 3^2, 2\})$	25920
36	$\mathcal{O}(0; \{36^3, 9^2, 6, 4, 2^2\})$	12960
36	$\mathcal{O}(0; \{36^3, 12, 9^2, 3, 2^2\})$	25920
36	$\mathcal{O}(0; \{36^3, 12, 9^2, 6^2\})$	51840

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36^3, 12^2, 9^2, 4\})$	103680
36	$\mathcal{O}(0; \{36^3, 18, 4, 3, 2^4\})$	2592
36	$\mathcal{O}(0; \{36^3, 18, 4, 3^4\})$	20736
36	$\mathcal{O}(0; \{36^3, 18, 4^3, 3, 2\})$	10368
36	$\mathcal{O}(0; \{36^3, 18, 6, 4, 3^2, 2\})$	10368
36	$\mathcal{O}(0; \{36^3, 18, 6^2, 4, 2^2\})$	5184
36	$\mathcal{O}(0; \{36^3, 18, 9^3, 4\})$	244944
36	$\mathcal{O}(0; \{36^3, 18, 12, 2^5\})$	2592
36	$\mathcal{O}(0; \{36^3, 18, 12, 3^3, 2\})$	20736
36	$\mathcal{O}(0; \{36^3, 18, 12, 4^2, 2^2\})$	10368
36	$\mathcal{O}(0; \{36^3, 18, 12, 6, 3, 2^2\})$	10368
36	$\mathcal{O}(0; \{36^3, 18, 12, 6^3\})$	20736
36	$\mathcal{O}(0; \{36^3, 18, 12^2, 6, 4\})$	41472
36	$\mathcal{O}(0; \{36^3, 18, 12^3, 3\})$	82944
36	$\mathcal{O}(0; \{36^3, 18^2, 9, 6, 4\})$	85536
36	$\mathcal{O}(0; \{36^3, 18^2, 12, 9, 3\})$	171072
36	$\mathcal{O}(0; \{36^4, 9, 2^5\})$	6480
36	$\mathcal{O}(0; \{36^4, 9, 3^3, 2\})$	51840
36	$\mathcal{O}(0; \{36^4, 9, 4^2, 2^2\})$	25920
36	$\mathcal{O}(0; \{36^4, 9, 6, 3, 2^2\})$	25920
36	$\mathcal{O}(0; \{36^4, 9, 6^3\})$	51840
36	$\mathcal{O}(0; \{36^4, 12, 9, 6, 4\})$	103680
36	$\mathcal{O}(0; \{36^4, 12^2, 9, 3\})$	207360
36	$\mathcal{O}(0; \{36^4, 18, 9^2, 3\})$	489888
36	$\mathcal{O}(0; \{36^4, 18^2, 2^3\})$	42768
36	$\mathcal{O}(0; \{36^4, 18^2, 4^2\})$	171072
36	$\mathcal{O}(0; \{36^4, 18^2, 6, 3\})$	171072
36	$\mathcal{O}(0; \{36^5, 4, 3, 2^2\})$	51840
36	$\mathcal{O}(0; \{36^5, 6^2, 4\})$	103680
36	$\mathcal{O}(0; \{36^5, 12, 2^3\})$	51840
36	$\mathcal{O}(0; \{36^5, 12, 4^2\})$	207360
36	$\mathcal{O}(0; \{36^5, 12, 6, 3\})$	207360
36	$\mathcal{O}(0; \{36^6, 18, 2\})$	979776
38	$\mathcal{O}(3; \{2^2\})$	3010936320
38	$\mathcal{O}(2; \{2^6\})$	2085120
38	$\mathcal{O}(1; \{2^{10}\})$	1440
39	$\mathcal{O}(2; \{39^2, 13\})$	610748424
39	$\mathcal{O}(1; \{39^2, 13, 3^3\})$	2007720
39	$\mathcal{O}(1; \{39^5\})$	291119400
39	$\mathcal{O}(0; \{13^6, 3^2\})$	459384
39	$\mathcal{O}(0; \{39^2, 13, 3^6\})$	11352
39	$\mathcal{O}(0; \{39^5, 3^3\})$	1646040
40	$\mathcal{O}(2; \{8^2, 2^2\})$	10223616

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
40	$\mathcal{O}(2; \{40, 10, 8\})$	40960000
40	$\mathcal{O}(2; \{40^2, 5\})$	122880000
40	$\mathcal{O}(1; \{8^2, 2^6\})$	6144
40	$\mathcal{O}(1; \{8^2, 4^2, 2^3\})$	24576
40	$\mathcal{O}(1; \{8^2, 4^4\})$	98304
40	$\mathcal{O}(1; \{8^4, 4, 2\})$	196608
40	$\mathcal{O}(1; \{10, 8^2, 5^2, 2\})$	76800
40	$\mathcal{O}(1; \{20, 8^2, 5, 4, 2\})$	102400
40	$\mathcal{O}(1; \{40, 8, 5^3, 2\})$	332800
40	$\mathcal{O}(1; \{40, 10, 8, 2^4\})$	25600
40	$\mathcal{O}(1; \{40, 10, 8, 4^2, 2\})$	102400
40	$\mathcal{O}(1; \{40, 20^2, 8, 2^2\})$	307200
40	$\mathcal{O}(1; \{40^2, 5, 2^4\})$	76800
40	$\mathcal{O}(1; \{40^2, 5, 4^2, 2\})$	307200
40	$\mathcal{O}(1; \{40^2, 10^2, 2^2\})$	332800
40	$\mathcal{O}(1; \{40^2, 20^2, 10\})$	5222400
40	$\mathcal{O}(1; \{40^3, 20, 8\})$	10649600
40	$\mathcal{O}(0; \{8^2, 5^5, 2^2\})$	816
40	$\mathcal{O}(0; \{10, 8^2, 5^2, 2^5\})$	48
40	$\mathcal{O}(0; \{10, 8^2, 5^2, 4^2, 2^2\})$	192
40	$\mathcal{O}(0; \{10, 8^4, 5^2, 4\})$	1536
40	$\mathcal{O}(0; \{10^2, 8^2, 5^4\})$	3280
40	$\mathcal{O}(0; \{10^3, 8^2, 5, 2^3\})$	208
40	$\mathcal{O}(0; \{10^3, 8^2, 5, 4^2\})$	832
40	$\mathcal{O}(0; \{10^5, 8^2, 2\})$	816
40	$\mathcal{O}(0; \{20, 8^2, 5, 4, 2^5\})$	64
40	$\mathcal{O}(0; \{20, 8^2, 5, 4^3, 2^2\})$	256
40	$\mathcal{O}(0; \{20, 8^4, 5, 2^3\})$	512
40	$\mathcal{O}(0; \{20, 8^4, 5, 4^2\})$	2048
40	$\mathcal{O}(0; \{20, 10, 8^2, 5^3, 4\})$	3264
40	$\mathcal{O}(0; \{20, 10^2, 8^2, 4, 2^3\})$	192
40	$\mathcal{O}(0; \{20, 10^2, 8^2, 4^3\})$	768
40	$\mathcal{O}(0; \{20, 10^2, 8^4, 2\})$	1536
40	$\mathcal{O}(0; \{20^2, 8^2, 5^2, 2^3\})$	832
40	$\mathcal{O}(0; \{20^2, 8^2, 5^2, 4^2\})$	3328
40	$\mathcal{O}(0; \{20^2, 10^2, 8^2, 5, 2\})$	3264
40	$\mathcal{O}(0; \{20^3, 10, 8^2, 4, 2\})$	3328
40	$\mathcal{O}(0; \{40, 8, 5^3, 2^5\})$	208
40	$\mathcal{O}(0; \{40, 8, 5^3, 4^2, 2^2\})$	832
40	$\mathcal{O}(0; \{40, 8^3, 5^3, 4\})$	6656
40	$\mathcal{O}(0; \{40, 10, 8, 2^8\})$	16
40	$\mathcal{O}(0; \{40, 10, 8, 4^2, 2^5\})$	64
40	$\mathcal{O}(0; \{40, 10, 8, 4^4, 2^2\})$	256

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
40	$\mathcal{O}(0; \{40, 10, 8, 5^5\})$	13104
40	$\mathcal{O}(0; \{40, 10, 8^3, 4, 2^3\})$	512
40	$\mathcal{O}(0; \{40, 10, 8^3, 4^3\})$	2048
40	$\mathcal{O}(0; \{40, 10, 8^5, 2\})$	4096
40	$\mathcal{O}(0; \{40, 10^2, 8, 5^2, 2^3\})$	816
40	$\mathcal{O}(0; \{40, 10^2, 8, 5^2, 4^2\})$	3264
40	$\mathcal{O}(0; \{40, 10^4, 8, 5, 2\})$	3280
40	$\mathcal{O}(0; \{40, 20, 8, 5^4, 4\})$	13120
40	$\mathcal{O}(0; \{40, 20, 10, 8, 5, 4, 2^3\})$	832
40	$\mathcal{O}(0; \{40, 20, 10, 8, 5, 4^3\})$	3328
40	$\mathcal{O}(0; \{40, 20, 10, 8^3, 5, 2\})$	6656
40	$\mathcal{O}(0; \{40, 20, 10^3, 8, 4, 2\})$	3264
40	$\mathcal{O}(0; \{40, 20^2, 8, 2^6\})$	192
40	$\mathcal{O}(0; \{40, 20^2, 8, 4^2, 2^3\})$	768
40	$\mathcal{O}(0; \{40, 20^2, 8, 4^4\})$	3072
40	$\mathcal{O}(0; \{40, 20^2, 8^3, 4, 2\})$	6144
40	$\mathcal{O}(0; \{40, 20^2, 10, 8, 5^2, 2\})$	13120
40	$\mathcal{O}(0; \{40, 20^3, 8, 5, 4, 2\})$	13056
40	$\mathcal{O}(0; \{40^2, 5, 2^8\})$	48
40	$\mathcal{O}(0; \{40^2, 5, 4^2, 2^5\})$	192
40	$\mathcal{O}(0; \{40^2, 5, 4^4, 2^2\})$	768
40	$\mathcal{O}(0; \{40^2, 5^6\})$	52432
40	$\mathcal{O}(0; \{40^2, 8^2, 5, 4, 2^3\})$	1536
40	$\mathcal{O}(0; \{40^2, 8^2, 5, 4^3\})$	6144
40	$\mathcal{O}(0; \{40^2, 8^4, 5, 2\})$	12288
40	$\mathcal{O}(0; \{40^2, 10, 5^3, 2^3\})$	3280
40	$\mathcal{O}(0; \{40^2, 10, 5^3, 4^2\})$	13120
40	$\mathcal{O}(0; \{40^2, 10^2, 2^6\})$	208
40	$\mathcal{O}(0; \{40^2, 10^2, 4^2, 2^3\})$	832
40	$\mathcal{O}(0; \{40^2, 10^2, 4^4\})$	3328
40	$\mathcal{O}(0; \{40^2, 10^2, 8^2, 4, 2\})$	6656
40	$\mathcal{O}(0; \{40^2, 10^3, 5^2, 2\})$	13104
40	$\mathcal{O}(0; \{40^2, 20, 5^2, 4, 2^3\})$	3264
40	$\mathcal{O}(0; \{40^2, 20, 5^2, 4^3\})$	13056
40	$\mathcal{O}(0; \{40^2, 20, 8^2, 5^2, 2\})$	26112
40	$\mathcal{O}(0; \{40^2, 20, 10^2, 5, 4, 2\})$	13120
40	$\mathcal{O}(0; \{40^2, 20^2, 5^3, 2\})$	52416
40	$\mathcal{O}(0; \{40^2, 20^2, 10, 2^4\})$	3264
40	$\mathcal{O}(0; \{40^2, 20^2, 10, 4^2, 2\})$	13056
40	$\mathcal{O}(0; \{40^2, 20^4, 2^2\})$	52480
40	$\mathcal{O}(0; \{40^3, 10, 8, 5, 4, 2\})$	26112
40	$\mathcal{O}(0; \{40^3, 20, 8, 2^4\})$	6656
40	$\mathcal{O}(0; \{40^3, 20, 8, 4^2, 2\})$	26624

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
40	$\mathcal{O}(0; \{40^4, 5^2, 4, 2\})$	104960
40	$\mathcal{O}(0; \{40^4, 20, 10, 2^2\})$	104960
40	$\mathcal{O}(0; \{40^4, 20^3\})$	1677312
40	$\mathcal{O}(0; \{40^5, 8, 2^2\})$	208896
40	$\mathcal{O}(0; \{40^6, 10\})$	3354624
42	$\mathcal{O}(1; \{14^2, 3^4\})$	63504
42	$\mathcal{O}(1; \{14^2, 6, 3^2, 2\})$	21168
42	$\mathcal{O}(1; \{14^2, 6^2, 2^2\})$	21168
42	$\mathcal{O}(1; \{21^2, 14, 7, 6\})$	656208
42	$\mathcal{O}(1; \{21^3, 3, 2^2\})$	317520
42	$\mathcal{O}(1; \{21^3, 6^2\})$	529200
42	$\mathcal{O}(1; \{42, 7^2, 3^2, 2\})$	105840
42	$\mathcal{O}(1; \{42, 7^2, 6, 2^2\})$	105840
42	$\mathcal{O}(1; \{42, 14^2, 7, 6\})$	656208
42	$\mathcal{O}(1; \{42, 21, 14, 3, 2^2\})$	105840
42	$\mathcal{O}(1; \{42, 21, 14, 6^2\})$	317520
42	$\mathcal{O}(1; \{42^2, 7^3\})$	3916080
42	$\mathcal{O}(1; \{42^2, 21^2, 3\})$	3281040
42	$\mathcal{O}(1; \{42^3, 14, 3\})$	1968624
42	$\mathcal{O}(0; \{14, 7^4, 6, 3^2\})$	2220
42	$\mathcal{O}(0; \{14, 7^4, 6^2, 2\})$	2220
42	$\mathcal{O}(0; \{14^2, 3^4, 2^4\})$	36
42	$\mathcal{O}(0; \{14^2, 3^7\})$	252
42	$\mathcal{O}(0; \{14^2, 6, 3^2, 2^5\})$	12
42	$\mathcal{O}(0; \{14^2, 6, 3^5, 2\})$	132
42	$\mathcal{O}(0; \{14^2, 6^2, 2^6\})$	12
42	$\mathcal{O}(0; \{14^2, 6^2, 3^3, 2^2\})$	60
42	$\mathcal{O}(0; \{14^2, 6^3, 3, 2^3\})$	36
42	$\mathcal{O}(0; \{14^2, 6^4, 3^2\})$	132
42	$\mathcal{O}(0; \{14^2, 6^5, 2\})$	60
42	$\mathcal{O}(0; \{21, 7^3, 3^3, 2^2\})$	1116
42	$\mathcal{O}(0; \{21, 7^3, 6, 3, 2^3\})$	372
42	$\mathcal{O}(0; \{21, 7^3, 6^2, 3^2\})$	1860
42	$\mathcal{O}(0; \{21, 7^3, 6^3, 2\})$	1116
42	$\mathcal{O}(0; \{21, 14^2, 7^2, 3^3\})$	6660
42	$\mathcal{O}(0; \{21, 14^2, 7^2, 6, 3, 2\})$	2220
42	$\mathcal{O}(0; \{21^2, 14, 7, 3^2, 2^3\})$	1116
42	$\mathcal{O}(0; \{21^2, 14, 7, 6, 2^4\})$	372
42	$\mathcal{O}(0; \{21^2, 14, 7, 6, 3^3\})$	4092
42	$\mathcal{O}(0; \{21^2, 14, 7, 6^2, 3, 2\})$	1860
42	$\mathcal{O}(0; \{21^2, 14^3, 3^2, 2\})$	6660
42	$\mathcal{O}(0; \{21^2, 14^3, 6, 2^2\})$	2220
42	$\mathcal{O}(0; \{21^3, 3, 2^6\})$	180

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(0; \{21^3, 3^4, 2^2\})$	1260
42	$\mathcal{O}(0; \{21^3, 6, 3^2, 2^3\})$	660
42	$\mathcal{O}(0; \{21^3, 6^2, 2^4\})$	300
42	$\mathcal{O}(0; \{21^3, 6^2, 3^3\})$	2580
42	$\mathcal{O}(0; \{21^3, 6^3, 3, 2\})$	1260
42	$\mathcal{O}(0; \{21^4, 7^2, 2^2\})$	39996
42	$\mathcal{O}(0; \{21^4, 14^2, 7\})$	239940
42	$\mathcal{O}(0; \{21^5, 14, 6\})$	146652
42	$\mathcal{O}(0; \{42, 7^2, 3^2, 2^5\})$	60
42	$\mathcal{O}(0; \{42, 7^2, 3^5, 2\})$	660
42	$\mathcal{O}(0; \{42, 7^2, 6, 2^6\})$	60
42	$\mathcal{O}(0; \{42, 7^2, 6, 3^3, 2^2\})$	300
42	$\mathcal{O}(0; \{42, 7^2, 6^2, 3, 2^3\})$	180
42	$\mathcal{O}(0; \{42, 7^2, 6^3, 3^2\})$	660
42	$\mathcal{O}(0; \{42, 7^2, 6^4, 2\})$	300
42	$\mathcal{O}(0; \{42, 14^2, 7, 3^2, 2^3\})$	372
42	$\mathcal{O}(0; \{42, 14^2, 7, 6, 2^4\})$	372
42	$\mathcal{O}(0; \{42, 14^2, 7, 6, 3^3\})$	1860
42	$\mathcal{O}(0; \{42, 14^2, 7, 6^2, 3, 2\})$	1116
42	$\mathcal{O}(0; \{42, 14^4, 3^2, 2\})$	2220
42	$\mathcal{O}(0; \{42, 14^4, 6, 2^2\})$	2220
42	$\mathcal{O}(0; \{42, 21, 7^4, 3, 2\})$	13332
42	$\mathcal{O}(0; \{42, 21, 14, 3, 2^6\})$	60
42	$\mathcal{O}(0; \{42, 21, 14, 3^4, 2^2\})$	660
42	$\mathcal{O}(0; \{42, 21, 14, 6, 3^2, 2^3\})$	300
42	$\mathcal{O}(0; \{42, 21, 14, 6^2, 2^4\})$	180
42	$\mathcal{O}(0; \{42, 21, 14, 6^2, 3^3\})$	1260
42	$\mathcal{O}(0; \{42, 21, 14, 6^3, 3, 2\})$	660
42	$\mathcal{O}(0; \{42, 21^2, 14, 7^2, 2^2\})$	13332
42	$\mathcal{O}(0; \{42, 21^2, 14^3, 7\})$	79980
42	$\mathcal{O}(0; \{42, 21^3, 7, 3^2, 2\})$	24420
42	$\mathcal{O}(0; \{42, 21^3, 7, 6, 2^2\})$	11100
42	$\mathcal{O}(0; \{42, 21^3, 14^2, 6\})$	66660
42	$\mathcal{O}(0; \{42^2, 7^3, 2^4\})$	2220
42	$\mathcal{O}(0; \{42^2, 7^3, 3^3\})$	11100
42	$\mathcal{O}(0; \{42^2, 7^3, 6, 3, 2\})$	6660
42	$\mathcal{O}(0; \{42^2, 14^2, 7^2, 2^2\})$	13332
42	$\mathcal{O}(0; \{42^2, 14^4, 7\})$	79980
42	$\mathcal{O}(0; \{42^2, 21, 14, 7, 3^2, 2\})$	11100
42	$\mathcal{O}(0; \{42^2, 21, 14, 7, 6, 2^2\})$	6660
42	$\mathcal{O}(0; \{42^2, 21, 14^3, 6\})$	39996
42	$\mathcal{O}(0; \{42^2, 21^2, 3, 2^4\})$	1860
42	$\mathcal{O}(0; \{42^2, 21^2, 3^4\})$	15996

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(0; \{42^2, 21^2, 6, 3^2, 2\})$	7812
42	$\mathcal{O}(0; \{42^2, 21^2, 6^2, 2^2\})$	4092
42	$\mathcal{O}(0; \{42^2, 21^3, 7^2\})$	399900
42	$\mathcal{O}(0; \{42^3, 14, 3, 2^4\})$	1116
42	$\mathcal{O}(0; \{42^3, 14, 3^4\})$	7812
42	$\mathcal{O}(0; \{42^3, 14, 6, 3^2, 2\})$	4092
42	$\mathcal{O}(0; \{42^3, 14, 6^2, 2^2\})$	1860
42	$\mathcal{O}(0; \{42^3, 21, 14, 7^2\})$	239940
42	$\mathcal{O}(0; \{42^3, 21^2, 7, 6\})$	146652
42	$\mathcal{O}(0; \{42^4, 14, 7, 6\})$	66660
42	$\mathcal{O}(0; \{42^4, 21, 3, 2^2\})$	24420
42	$\mathcal{O}(0; \{42^4, 21, 6^2\})$	46620
42	$\mathcal{O}(0; \{42^6, 3\})$	279972
44	$\mathcal{O}(1; \{11^2, 4^2, 2^2\})$	38720
44	$\mathcal{O}(1; \{22^2, 11, 4^2\})$	348480
44	$\mathcal{O}(1; \{44^2, 22, 11, 2\})$	3523520
44	$\mathcal{O}(0; \{11^2, 4^2, 2^6\})$	20
44	$\mathcal{O}(0; \{11^2, 4^4, 2^3\})$	80
44	$\mathcal{O}(0; \{11^2, 4^6\})$	320
44	$\mathcal{O}(0; \{22^2, 11, 4^2, 2^4\})$	180
44	$\mathcal{O}(0; \{22^2, 11, 4^4, 2\})$	720
44	$\mathcal{O}(0; \{22^4, 4^2, 2^2\})$	1820
44	$\mathcal{O}(0; \{44, 22, 11^4, 4\})$	181820
44	$\mathcal{O}(0; \{44^2, 22, 11, 2^5\})$	1820
44	$\mathcal{O}(0; \{44^2, 22, 11, 4^2, 2^2\})$	7280
44	$\mathcal{O}(0; \{44^2, 22^3, 2^3\})$	18180
44	$\mathcal{O}(0; \{44^2, 22^3, 4^2\})$	72720
44	$\mathcal{O}(0; \{44^4, 11, 2^3\})$	72720
44	$\mathcal{O}(0; \{44^4, 11, 4^2\})$	290880
44	$\mathcal{O}(0; \{44^4, 22^2, 2\})$	727280
45	$\mathcal{O}(1; \{9^4, 3\})$	629856
45	$\mathcal{O}(1; \{45, 9^2, 5, 3\})$	291600
45	$\mathcal{O}(1; \{45^2, 5^2, 3\})$	1263600
45	$\mathcal{O}(1; \{45^2, 15, 3^2\})$	1166400
45	$\mathcal{O}(0; \{15^2, 9^4, 5\})$	7776
45	$\mathcal{O}(0; \{45, 9^2, 5, 3^4\})$	1152
45	$\mathcal{O}(0; \{45, 9^5, 5\})$	21384
45	$\mathcal{O}(0; \{45, 15^2, 9^2, 5^2\})$	14688
45	$\mathcal{O}(0; \{45, 15^3, 9^2, 3\})$	14976
45	$\mathcal{O}(0; \{45^2, 5^2, 3^4\})$	4992
45	$\mathcal{O}(0; \{45^2, 9^3, 5^2\})$	42120
45	$\mathcal{O}(0; \{45^2, 15, 3^5\})$	4608
45	$\mathcal{O}(0; \{45^2, 15, 9^3, 3\})$	38880

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
45	$\mathcal{O}(0; \{45^2, 15^2, 5^3\})$	78624
45	$\mathcal{O}(0; \{45^2, 15^3, 5, 3\})$	78720
45	$\mathcal{O}(0; \{45^3, 9, 5^3\})$	132840
45	$\mathcal{O}(0; \{45^3, 15, 9, 5, 3\})$	132192
45	$\mathcal{O}(0; \{45^5, 3^2\})$	660960
48	$\mathcal{O}(2; \{48^2\})$	84934656
48	$\mathcal{O}(1; \{16^2, 4, 3^2\})$	73728
48	$\mathcal{O}(1; \{16^2, 12, 3, 2\})$	73728
48	$\mathcal{O}(1; \{48, 16, 8, 3, 2\})$	147456
48	$\mathcal{O}(1; \{48^2, 2^4\})$	36864
48	$\mathcal{O}(1; \{48^2, 3^3\})$	184320
48	$\mathcal{O}(1; \{48^2, 4^2, 2\})$	147456
48	$\mathcal{O}(1; \{48^2, 6, 3, 2\})$	110592
48	$\mathcal{O}(0; \{16^2, 4, 3^2, 2^4\})$	32
48	$\mathcal{O}(0; \{16^2, 4, 3^5\})$	160
48	$\mathcal{O}(0; \{16^2, 4^3, 3^2, 2\})$	128
48	$\mathcal{O}(0; \{16^2, 6, 4, 3^3, 2\})$	96
48	$\mathcal{O}(0; \{16^2, 6^2, 4, 3, 2^2\})$	32
48	$\mathcal{O}(0; \{16^2, 6^4, 4\})$	96
48	$\mathcal{O}(0; \{16^2, 8^2, 3^2, 2^2\})$	256
48	$\mathcal{O}(0; \{16^2, 8^2, 6^2, 3\})$	256
48	$\mathcal{O}(0; \{16^2, 12, 3, 2^5\})$	32
48	$\mathcal{O}(0; \{16^2, 12, 3^4, 2\})$	160
48	$\mathcal{O}(0; \{16^2, 12, 4^2, 3, 2^2\})$	128
48	$\mathcal{O}(0; \{16^2, 12, 6, 3^2, 2^2\})$	96
48	$\mathcal{O}(0; \{16^2, 12, 6^2, 2^3\})$	32
48	$\mathcal{O}(0; \{16^2, 12, 6^2, 4^2\})$	128
48	$\mathcal{O}(0; \{16^2, 12, 6^3, 3\})$	160
48	$\mathcal{O}(0; \{16^2, 12, 8^2, 4, 3\})$	1024
48	$\mathcal{O}(0; \{16^2, 12^2, 4, 2^3\})$	128
48	$\mathcal{O}(0; \{16^2, 12^2, 4^3\})$	512
48	$\mathcal{O}(0; \{16^2, 12^2, 6, 4, 3\})$	384
48	$\mathcal{O}(0; \{16^2, 12^2, 8^2, 2\})$	1024
48	$\mathcal{O}(0; \{16^2, 12^3, 3^2\})$	640
48	$\mathcal{O}(0; \{16^2, 12^3, 6, 2\})$	384
48	$\mathcal{O}(0; \{16^4, 8, 3^2\})$	4096
48	$\mathcal{O}(0; \{24, 16^2, 8, 6, 4, 3\})$	512
48	$\mathcal{O}(0; \{24, 16^2, 12, 8, 3^2\})$	1536
48	$\mathcal{O}(0; \{24, 16^2, 12, 8, 6, 2\})$	512
48	$\mathcal{O}(0; \{24^2, 16^2, 3, 2^3\})$	256
48	$\mathcal{O}(0; \{24^2, 16^2, 4^2, 3\})$	1024
48	$\mathcal{O}(0; \{24^2, 16^2, 6, 3^2\})$	1280
48	$\mathcal{O}(0; \{24^2, 16^2, 6^2, 2\})$	768

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{24^2, 16^2, 12, 4, 2\})$	1024
48	$\mathcal{O}(0; \{48, 16, 8, 3, 2^5\})$	64
48	$\mathcal{O}(0; \{48, 16, 8, 3^4, 2\})$	320
48	$\mathcal{O}(0; \{48, 16, 8, 4^2, 3, 2^2\})$	256
48	$\mathcal{O}(0; \{48, 16, 8, 6, 3^2, 2^2\})$	192
48	$\mathcal{O}(0; \{48, 16, 8, 6^2, 2^3\})$	64
48	$\mathcal{O}(0; \{48, 16, 8, 6^2, 4^2\})$	256
48	$\mathcal{O}(0; \{48, 16, 8, 6^3, 3\})$	320
48	$\mathcal{O}(0; \{48, 16, 8^3, 4, 3\})$	2048
48	$\mathcal{O}(0; \{48, 16, 12, 8, 4, 2^3\})$	256
48	$\mathcal{O}(0; \{48, 16, 12, 8, 4^3\})$	1024
48	$\mathcal{O}(0; \{48, 16, 12, 8, 6, 4, 3\})$	768
48	$\mathcal{O}(0; \{48, 16, 12, 8^3, 2\})$	2048
48	$\mathcal{O}(0; \{48, 16, 12^2, 8, 3^2\})$	1280
48	$\mathcal{O}(0; \{48, 16, 12^2, 8, 6, 2\})$	768
48	$\mathcal{O}(0; \{48, 16^3, 3, 2^3\})$	1024
48	$\mathcal{O}(0; \{48, 16^3, 4^2, 3\})$	4096
48	$\mathcal{O}(0; \{48, 16^3, 6, 3^2\})$	3072
48	$\mathcal{O}(0; \{48, 16^3, 6^2, 2\})$	1024
48	$\mathcal{O}(0; \{48, 16^3, 12, 4, 2\})$	4096
48	$\mathcal{O}(0; \{48, 24, 16, 4, 3^2, 2^2\})$	384
48	$\mathcal{O}(0; \{48, 24, 16, 6, 4, 2^3\})$	128
48	$\mathcal{O}(0; \{48, 24, 16, 6, 4^3\})$	512
48	$\mathcal{O}(0; \{48, 24, 16, 6^2, 4, 3\})$	640
48	$\mathcal{O}(0; \{48, 24, 16, 8^2, 3^2\})$	3072
48	$\mathcal{O}(0; \{48, 24, 16, 8^2, 6, 2\})$	1024
48	$\mathcal{O}(0; \{48, 24, 16, 12, 3, 2^3\})$	384
48	$\mathcal{O}(0; \{48, 24, 16, 12, 4^2, 3\})$	1536
48	$\mathcal{O}(0; \{48, 24, 16, 12, 6, 3^2\})$	1408
48	$\mathcal{O}(0; \{48, 24, 16, 12, 6^2, 2\})$	640
48	$\mathcal{O}(0; \{48, 24, 16, 12^2, 4, 2\})$	1536
48	$\mathcal{O}(0; \{48, 24^2, 16, 8, 4, 2\})$	2048
48	$\mathcal{O}(0; \{48, 24^3, 16, 3, 2\})$	5120
48	$\mathcal{O}(0; \{48^2, 2^8\})$	16
48	$\mathcal{O}(0; \{48^2, 3^3, 2^4\})$	80
48	$\mathcal{O}(0; \{48^2, 3^6\})$	688
48	$\mathcal{O}(0; \{48^2, 4^2, 2^5\})$	64
48	$\mathcal{O}(0; \{48^2, 4^2, 3^3, 2\})$	320
48	$\mathcal{O}(0; \{48^2, 4^4, 2^2\})$	256
48	$\mathcal{O}(0; \{48^2, 6, 3, 2^5\})$	48
48	$\mathcal{O}(0; \{48^2, 6, 3^4, 2\})$	336
48	$\mathcal{O}(0; \{48^2, 6, 4^2, 3, 2^2\})$	192
48	$\mathcal{O}(0; \{48^2, 6^2, 3^2, 2^2\})$	176

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{48^2, 6^3, 2^3\})$	80
48	$\mathcal{O}(0; \{48^2, 6^3, 4^2\})$	320
48	$\mathcal{O}(0; \{48^2, 6^4, 3\})$	336
48	$\mathcal{O}(0; \{48^2, 8^2, 4, 2^3\})$	512
48	$\mathcal{O}(0; \{48^2, 8^2, 4^3\})$	2048
48	$\mathcal{O}(0; \{48^2, 8^2, 6, 4, 3\})$	1536
48	$\mathcal{O}(0; \{48^2, 8^4, 2\})$	4096
48	$\mathcal{O}(0; \{48^2, 12, 4, 3^2, 2^2\})$	320
48	$\mathcal{O}(0; \{48^2, 12, 6, 4, 2^3\})$	192
48	$\mathcal{O}(0; \{48^2, 12, 6, 4^3\})$	768
48	$\mathcal{O}(0; \{48^2, 12, 6^2, 4, 3\})$	704
48	$\mathcal{O}(0; \{48^2, 12, 8^2, 3^2\})$	2560
48	$\mathcal{O}(0; \{48^2, 12, 8^2, 6, 2\})$	1536
48	$\mathcal{O}(0; \{48^2, 12^2, 3, 2^3\})$	320
48	$\mathcal{O}(0; \{48^2, 12^2, 4^2, 3\})$	1280
48	$\mathcal{O}(0; \{48^2, 12^2, 6, 3^2\})$	1344
48	$\mathcal{O}(0; \{48^2, 12^2, 6^2, 2\})$	704
48	$\mathcal{O}(0; \{48^2, 12^3, 4, 2\})$	1280
48	$\mathcal{O}(0; \{48^2, 16^2, 8, 4, 2\})$	8192
48	$\mathcal{O}(0; \{48^2, 24, 8, 3, 2^3\})$	768
48	$\mathcal{O}(0; \{48^2, 24, 8, 4^2, 3\})$	3072
48	$\mathcal{O}(0; \{48^2, 24, 8, 6, 3^2\})$	2816
48	$\mathcal{O}(0; \{48^2, 24, 8, 6^2, 2\})$	1280
48	$\mathcal{O}(0; \{48^2, 24, 12, 8, 4, 2\})$	3072
48	$\mathcal{O}(0; \{48^2, 24, 16^2, 3, 2\})$	12288
48	$\mathcal{O}(0; \{48^2, 24^2, 4, 3^2\})$	5632
48	$\mathcal{O}(0; \{48^2, 24^2, 6, 4, 2\})$	2560
48	$\mathcal{O}(0; \{48^2, 24^2, 12, 3, 2\})$	5632
48	$\mathcal{O}(0; \{48^3, 16, 4, 3^2\})$	10240
48	$\mathcal{O}(0; \{48^3, 16, 6, 4, 2\})$	6144
48	$\mathcal{O}(0; \{48^3, 16, 12, 3, 2\})$	10240
48	$\mathcal{O}(0; \{48^4, 8, 3, 2\})$	20480
49	$\mathcal{O}(0; \{49^6\})$	112035462
50	$\mathcal{O}(2; \{10^2\})$	24960000
50	$\mathcal{O}(1; \{10, 5^3, 2\})$	124800
50	$\mathcal{O}(1; \{10^2, 2^4\})$	9600
50	$\mathcal{O}(1; \{50, 25^2, 10\})$	3000000
50	$\mathcal{O}(0; \{25^5, 2^2\})$	127500
50	$\mathcal{O}(0; \{50, 25^2, 5^3, 2\})$	19200
50	$\mathcal{O}(0; \{50, 25^2, 10, 2^4\})$	1200
50	$\mathcal{O}(0; \{50^2, 25^4\})$	2562500
50	$\mathcal{O}(0; \{50^3, 25, 10, 2^2\})$	26000
50	$\mathcal{O}(0; \{50^5, 10\})$	510000

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
51	$\mathcal{O}(0; \{51^2, 17^4\})$	1973792
52	$\mathcal{O}(1; \{52, 13, 4, 2^2\})$	64896
52	$\mathcal{O}(1; \{52, 26^2, 4\})$	713856
52	$\mathcal{O}(0; \{52, 13, 4, 2^6\})$	24
52	$\mathcal{O}(0; \{52, 13, 4^3, 2^3\})$	96
52	$\mathcal{O}(0; \{52, 13, 4^5\})$	384
52	$\mathcal{O}(0; \{52, 26^2, 4, 2^4\})$	264
52	$\mathcal{O}(0; \{52, 26^2, 4^3, 2\})$	1056
52	$\mathcal{O}(0; \{52^2, 13^4\})$	459384
52	$\mathcal{O}(0; \{52^3, 26, 4, 2^2\})$	12768
52	$\mathcal{O}(0; \{52^5, 4\})$	612480
54	$\mathcal{O}(1; \{54^2, 9, 3\})$	629856
54	$\mathcal{O}(0; \{27^4, 3, 2^2\})$	8748
54	$\mathcal{O}(0; \{27^4, 6^2\})$	17496
54	$\mathcal{O}(0; \{54, 27^2, 9^2, 6\})$	11664
54	$\mathcal{O}(0; \{54, 27^2, 18, 3, 2^2\})$	1944
54	$\mathcal{O}(0; \{54, 27^2, 18, 6^2\})$	3888
54	$\mathcal{O}(0; \{54^2, 9, 3, 2^4\})$	216
54	$\mathcal{O}(0; \{54^2, 9, 3^4\})$	1728
54	$\mathcal{O}(0; \{54^2, 9, 6, 3^2, 2\})$	864
54	$\mathcal{O}(0; \{54^2, 9, 6^2, 2^2\})$	432
54	$\mathcal{O}(0; \{54^2, 9^4\})$	23328
54	$\mathcal{O}(0; \{54^2, 18, 9^2, 6\})$	7776
54	$\mathcal{O}(0; \{54^2, 18^2, 3, 2^2\})$	1296
54	$\mathcal{O}(0; \{54^2, 18^2, 6^2\})$	2592
54	$\mathcal{O}(0; \{54^2, 27^3, 3\})$	131220
54	$\mathcal{O}(0; \{54^3, 27, 18, 3\})$	52488
55	$\mathcal{O}(0; \{55^3, 11, 5^2\})$	185640
56	$\mathcal{O}(1; \{56^2, 14, 2\})$	376320
56	$\mathcal{O}(0; \{14, 8^2, 7^2, 2^2\})$	120
56	$\mathcal{O}(0; \{14^3, 8^2, 7\})$	744
56	$\mathcal{O}(0; \{28, 14, 8^2, 4, 2^2\})$	96
56	$\mathcal{O}(0; \{28, 14, 8^4\})$	768
56	$\mathcal{O}(0; \{28^2, 8^2, 7^2\})$	2976
56	$\mathcal{O}(0; \{28^3, 8^2, 4\})$	1920
56	$\mathcal{O}(0; \{56, 14, 8, 7, 4, 2^2\})$	240
56	$\mathcal{O}(0; \{56, 14, 8^3, 7\})$	1920
56	$\mathcal{O}(0; \{56, 14^3, 8, 4\})$	1488
56	$\mathcal{O}(0; \{56, 28, 8, 7^3\})$	8880
56	$\mathcal{O}(0; \{56, 28^2, 8, 7, 4\})$	5952
56	$\mathcal{O}(0; \{56^2, 7^4\})$	26664
56	$\mathcal{O}(0; \{56^2, 14, 2^5\})$	120
56	$\mathcal{O}(0; \{56^2, 14, 4^2, 2^2\})$	480

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
56	$\mathcal{O}(0; \{56^2, 14, 8^2, 4\})$	3840
56	$\mathcal{O}(0; \{56^2, 28, 7^2, 4\})$	17760
56	$\mathcal{O}(0; \{56^2, 28^2, 2^3\})$	2976
56	$\mathcal{O}(0; \{56^2, 28^2, 4^2\})$	11904
56	$\mathcal{O}(0; \{56^4, 28, 2\})$	142080
57	$\mathcal{O}(2; \{3^2\})$	21111840
57	$\mathcal{O}(1; \{3^5\})$	32400
60	$\mathcal{O}(1; \{6^2, 4^2\})$	13824
60	$\mathcal{O}(1; \{12, 6, 4, 3\})$	13824
60	$\mathcal{O}(1; \{12^2, 3^2\})$	41472
60	$\mathcal{O}(1; \{12^2, 6, 2\})$	13824
60	$\mathcal{O}(1; \{60, 15, 4, 2\})$	57600
60	$\mathcal{O}(0; \{12^2, 10, 6, 5^2\})$	48
60	$\mathcal{O}(0; \{15, 10, 4^2, 3^2, 2\})$	16
60	$\mathcal{O}(0; \{15, 10, 6, 4^2, 2^2\})$	16
60	$\mathcal{O}(0; \{15, 12, 10, 4, 3, 2^2\})$	16
60	$\mathcal{O}(0; \{15, 12, 10, 6^2, 4\})$	48
60	$\mathcal{O}(0; \{15, 12^2, 5^3\})$	208
60	$\mathcal{O}(0; \{15, 12^2, 10, 2^3\})$	16
60	$\mathcal{O}(0; \{15, 12^2, 10, 4^2\})$	64
60	$\mathcal{O}(0; \{15, 12^2, 10, 6, 3\})$	80
60	$\mathcal{O}(0; \{15^2, 5, 4^2, 2^2\})$	48
60	$\mathcal{O}(0; \{15^2, 10^2, 4^2\})$	208
60	$\mathcal{O}(0; \{15^2, 12, 6, 5, 4\})$	144
60	$\mathcal{O}(0; \{15^2, 12^2, 5, 3\})$	240
60	$\mathcal{O}(0; \{20, 5, 4, 3^4\})$	48
60	$\mathcal{O}(0; \{20, 6, 5, 4, 3^2, 2\})$	16
60	$\mathcal{O}(0; \{20, 6^2, 5, 4, 2^2\})$	16
60	$\mathcal{O}(0; \{20, 10^2, 6^2, 4\})$	48
60	$\mathcal{O}(0; \{20, 12, 5, 3^3, 2\})$	48
60	$\mathcal{O}(0; \{20, 12, 6, 5, 3, 2^2\})$	16
60	$\mathcal{O}(0; \{20, 12, 6^3, 5\})$	48
60	$\mathcal{O}(0; \{20, 12, 10^2, 6, 3\})$	48
60	$\mathcal{O}(0; \{20, 12^2, 6, 5, 4\})$	64
60	$\mathcal{O}(0; \{20, 12^3, 5, 3\})$	192
60	$\mathcal{O}(0; \{20, 15, 10, 6, 5, 4\})$	208
60	$\mathcal{O}(0; \{20, 15, 12, 10, 5, 3\})$	208
60	$\mathcal{O}(0; \{20, 15^2, 5^2, 4\})$	816
60	$\mathcal{O}(0; \{20, 15^3, 4, 3\})$	624
60	$\mathcal{O}(0; \{20, 15^3, 12, 2\})$	624
60	$\mathcal{O}(0; \{20^2, 6^2, 5^2\})$	208
60	$\mathcal{O}(0; \{20^2, 15, 3^2, 2^2\})$	48
60	$\mathcal{O}(0; \{20^2, 15, 6, 2^3\})$	48

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{20^2, 15, 6, 4^2\})$	192
60	$\mathcal{O}(0; \{20^2, 15, 6^2, 3\})$	144
60	$\mathcal{O}(0; \{20^2, 15, 12, 4, 3\})$	192
60	$\mathcal{O}(0; \{20^2, 15, 12^2, 2\})$	192
60	$\mathcal{O}(0; \{20^2, 15^2, 10, 2\})$	816
60	$\mathcal{O}(0; \{30, 12, 10, 6, 5, 4\})$	48
60	$\mathcal{O}(0; \{30, 12^2, 10, 5, 3\})$	144
60	$\mathcal{O}(0; \{30, 15, 12, 5^2, 4\})$	208
60	$\mathcal{O}(0; \{30, 15^2, 6, 4^2\})$	144
60	$\mathcal{O}(0; \{30, 15^2, 12, 4, 3\})$	240
60	$\mathcal{O}(0; \{30, 15^2, 12^2, 2\})$	240
60	$\mathcal{O}(0; \{30, 20, 4, 3^3, 2\})$	48
60	$\mathcal{O}(0; \{30, 20, 6, 4, 3, 2^2\})$	16
60	$\mathcal{O}(0; \{30, 20, 6^3, 4\})$	48
60	$\mathcal{O}(0; \{30, 20, 12, 3^2, 2^2\})$	48
60	$\mathcal{O}(0; \{30, 20, 12, 6, 2^3\})$	16
60	$\mathcal{O}(0; \{30, 20, 12, 6, 4^2\})$	64
60	$\mathcal{O}(0; \{30, 20, 12, 6^2, 3\})$	80
60	$\mathcal{O}(0; \{30, 20, 12^2, 4, 3\})$	192
60	$\mathcal{O}(0; \{30, 20, 12^3, 2\})$	192
60	$\mathcal{O}(0; \{30, 20, 15, 10, 4, 3\})$	208
60	$\mathcal{O}(0; \{30, 20, 15, 12, 10, 2\})$	208
60	$\mathcal{O}(0; \{30, 20^2, 6, 5, 3\})$	208
60	$\mathcal{O}(0; \{30^2, 10, 6, 4^2\})$	48
60	$\mathcal{O}(0; \{30^2, 12, 10, 4, 3\})$	144
60	$\mathcal{O}(0; \{30^2, 12^2, 10, 2\})$	144
60	$\mathcal{O}(0; \{30^2, 15, 5, 4^2\})$	208
60	$\mathcal{O}(0; \{30^2, 20^2, 3^2\})$	624
60	$\mathcal{O}(0; \{30^2, 20^2, 6, 2\})$	208
60	$\mathcal{O}(0; \{60, 5^2, 4, 3^2, 2\})$	48
60	$\mathcal{O}(0; \{60, 6, 5^2, 4, 2^2\})$	48
60	$\mathcal{O}(0; \{60, 10^2, 6, 5, 4\})$	208
60	$\mathcal{O}(0; \{60, 12, 5^2, 3, 2^2\})$	48
60	$\mathcal{O}(0; \{60, 12, 6^2, 5^2\})$	144
60	$\mathcal{O}(0; \{60, 12, 10^2, 5, 3\})$	208
60	$\mathcal{O}(0; \{60, 12^2, 5^2, 4\})$	192
60	$\mathcal{O}(0; \{60, 15, 4, 2^5\})$	16
60	$\mathcal{O}(0; \{60, 15, 4, 3^3, 2\})$	80
60	$\mathcal{O}(0; \{60, 15, 4^3, 2^2\})$	64
60	$\mathcal{O}(0; \{60, 15, 6, 4, 3, 2^2\})$	48
60	$\mathcal{O}(0; \{60, 15, 6^3, 4\})$	80
60	$\mathcal{O}(0; \{60, 15, 10, 5^2, 4\})$	816
60	$\mathcal{O}(0; \{60, 15, 12, 3^2, 2^2\})$	80

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{60, 15, 12, 6, 2^3\})$	48
60	$\mathcal{O}(0; \{60, 15, 12, 6, 4^2\})$	192
60	$\mathcal{O}(0; \{60, 15, 12, 6^2, 3\})$	176
60	$\mathcal{O}(0; \{60, 15, 12^2, 4, 3\})$	320
60	$\mathcal{O}(0; \{60, 15, 12^3, 2\})$	320
60	$\mathcal{O}(0; \{60, 15^2, 10, 4, 3\})$	624
60	$\mathcal{O}(0; \{60, 15^2, 12, 10, 2\})$	624
60	$\mathcal{O}(0; \{60, 20, 6, 5^3\})$	816
60	$\mathcal{O}(0; \{60, 20, 10, 3^2, 2^2\})$	48
60	$\mathcal{O}(0; \{60, 20, 10, 6, 2^3\})$	48
60	$\mathcal{O}(0; \{60, 20, 10, 6, 4^2\})$	192
60	$\mathcal{O}(0; \{60, 20, 10, 6^2, 3\})$	144
60	$\mathcal{O}(0; \{60, 20, 12, 10, 4, 3\})$	192
60	$\mathcal{O}(0; \{60, 20, 12^2, 10, 2\})$	192
60	$\mathcal{O}(0; \{60, 20, 15, 5, 2^3\})$	208
60	$\mathcal{O}(0; \{60, 20, 15, 5, 4^2\})$	832
60	$\mathcal{O}(0; \{60, 20, 15, 6, 5, 3\})$	624
60	$\mathcal{O}(0; \{60, 20, 15, 10^2, 2\})$	816
60	$\mathcal{O}(0; \{60, 20^3, 3^2\})$	832
60	$\mathcal{O}(0; \{60, 20^3, 6, 2\})$	832
60	$\mathcal{O}(0; \{60, 30, 5, 4, 3, 2^2\})$	48
60	$\mathcal{O}(0; \{60, 30, 6^2, 5, 4\})$	144
60	$\mathcal{O}(0; \{60, 30, 10^2, 4, 3\})$	208
60	$\mathcal{O}(0; \{60, 30, 12, 5, 2^3\})$	48
60	$\mathcal{O}(0; \{60, 30, 12, 5, 4^2\})$	192
60	$\mathcal{O}(0; \{60, 30, 12, 6, 5, 3\})$	240
60	$\mathcal{O}(0; \{60, 30, 12, 10^2, 2\})$	208
60	$\mathcal{O}(0; \{60, 30, 20, 5^2, 3\})$	816
60	$\mathcal{O}(0; \{60, 30, 20, 15, 3^2\})$	1040
60	$\mathcal{O}(0; \{60, 30, 20, 15, 6, 2\})$	624
60	$\mathcal{O}(0; \{60, 30^2, 4, 2^3\})$	48
60	$\mathcal{O}(0; \{60, 30^2, 4^3\})$	192
60	$\mathcal{O}(0; \{60, 30^2, 6, 4, 3\})$	240
60	$\mathcal{O}(0; \{60, 30^2, 12, 3^2\})$	528
60	$\mathcal{O}(0; \{60, 30^2, 12, 6, 2\})$	240
60	$\mathcal{O}(0; \{60, 30^2, 20, 5, 2\})$	816
60	$\mathcal{O}(0; \{60^2, 5^4\})$	3280
60	$\mathcal{O}(0; \{60^2, 10, 5, 2^3\})$	208
60	$\mathcal{O}(0; \{60^2, 10, 5, 4^2\})$	832
60	$\mathcal{O}(0; \{60^2, 10, 6, 5, 3\})$	624
60	$\mathcal{O}(0; \{60^2, 10^3, 2\})$	816
60	$\mathcal{O}(0; \{60^2, 15, 5^2, 3\})$	2448
60	$\mathcal{O}(0; \{60^2, 15^2, 3^2\})$	2288

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{60^2, 15^2, 6, 2\})$	1040
60	$\mathcal{O}(0; \{60^2, 20, 4, 2^3\})$	192
60	$\mathcal{O}(0; \{60^2, 20, 4^3\})$	768
60	$\mathcal{O}(0; \{60^2, 20, 6, 4, 3\})$	576
60	$\mathcal{O}(0; \{60^2, 20, 12, 3^2\})$	960
60	$\mathcal{O}(0; \{60^2, 20, 12, 6, 2\})$	576
60	$\mathcal{O}(0; \{60^2, 20^2, 5, 2\})$	3264
60	$\mathcal{O}(0; \{60^2, 30, 10, 3^2\})$	1040
60	$\mathcal{O}(0; \{60^2, 30, 10, 6, 2\})$	624
60	$\mathcal{O}(0; \{60^2, 30, 15, 5, 2\})$	2448
60	$\mathcal{O}(0; \{60^3, 5, 4, 3\})$	2496
60	$\mathcal{O}(0; \{60^3, 12, 5, 2\})$	2496
60	$\mathcal{O}(0; \{60^3, 30, 4, 2\})$	2496
63	$\mathcal{O}(0; \{9^2, 7^3, 3\})$	360
63	$\mathcal{O}(0; \{21^2, 9^2, 3^2\})$	576
63	$\mathcal{O}(0; \{63, 21, 9, 7, 3^2\})$	1440
63	$\mathcal{O}(0; \{63^2, 7^2, 3^2\})$	4464
64	$\mathcal{O}(1; \{64^2, 2^2\})$	131072
64	$\mathcal{O}(0; \{64^2, 2^6\})$	32
64	$\mathcal{O}(0; \{64^2, 4^2, 2^3\})$	128
64	$\mathcal{O}(0; \{64^2, 4^4\})$	512
64	$\mathcal{O}(0; \{64^2, 8^2, 4, 2\})$	1024
65	$\mathcal{O}(0; \{65^3\})$	3904560
66	$\mathcal{O}(1; \{66^2, 11\})$	784080
66	$\mathcal{O}(0; \{33, 11, 3^3, 2^2\})$	60
66	$\mathcal{O}(0; \{33, 11, 6, 3, 2^3\})$	20
66	$\mathcal{O}(0; \{33, 11, 6^2, 3^2\})$	100
66	$\mathcal{O}(0; \{33, 11, 6^3, 2\})$	60
66	$\mathcal{O}(0; \{33, 22^2, 3^3\})$	540
66	$\mathcal{O}(0; \{33, 22^2, 6, 3, 2\})$	180
66	$\mathcal{O}(0; \{33^4, 2^2\})$	5460
66	$\mathcal{O}(0; \{66, 11^3, 3, 2\})$	1820
66	$\mathcal{O}(0; \{66, 33^2, 22, 2^2\})$	1820
66	$\mathcal{O}(0; \{66^2, 11, 2^4\})$	180
66	$\mathcal{O}(0; \{66^2, 11, 3^3\})$	900
66	$\mathcal{O}(0; \{66^2, 11, 6, 3, 2\})$	540
66	$\mathcal{O}(0; \{66^2, 22^2, 2^2\})$	1820
66	$\mathcal{O}(0; \{66^2, 33^3\})$	90900
66	$\mathcal{O}(0; \{66^3, 33, 22\})$	54540
68	$\mathcal{O}(0; \{68^2, 17^3\})$	123360
70	$\mathcal{O}(1; \{7^2, 2^2\})$	28224
70	$\mathcal{O}(1; \{14^2, 7\})$	141120
70	$\mathcal{O}(1; \{70, 14, 5\})$	117600

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
70	$\mathcal{O}(0; \{10, 7^2, 5^2, 2\})$	72
70	$\mathcal{O}(0; \{35^3, 5, 2^2\})$	1560
70	$\mathcal{O}(0; \{35^3, 10^2\})$	6120
70	$\mathcal{O}(0; \{70, 14, 5, 2^4\})$	24
70	$\mathcal{O}(0; \{70, 14, 10^2, 2^2\})$	72
70	$\mathcal{O}(0; \{70, 35, 10, 7, 2^2\})$	360
70	$\mathcal{O}(0; \{70, 35, 14^2, 10\})$	2232
70	$\mathcal{O}(0; \{70, 35^2, 14, 7\})$	13320
70	$\mathcal{O}(0; \{70^2, 35^2, 5\})$	37944
70	$\mathcal{O}(0; \{70^3, 10, 7\})$	9672
72	$\mathcal{O}(1; \{72^2, 3\})$	248832
72	$\mathcal{O}(0; \{18^2, 8^2, 2^2\})$	24
72	$\mathcal{O}(0; \{24, 18^2, 12, 8\})$	192
72	$\mathcal{O}(0; \{24^2, 18, 9^2\})$	288
72	$\mathcal{O}(0; \{24^2, 18^2, 6\})$	192
72	$\mathcal{O}(0; \{36, 24, 18, 9, 8\})$	288
72	$\mathcal{O}(0; \{36^2, 18, 8^2\})$	288
72	$\mathcal{O}(0; \{72, 9^2, 8, 2^2\})$	72
72	$\mathcal{O}(0; \{72, 18, 8, 3^2, 2\})$	96
72	$\mathcal{O}(0; \{72, 18, 8, 6, 2^2\})$	48
72	$\mathcal{O}(0; \{72, 18, 12^2, 8\})$	384
72	$\mathcal{O}(0; \{72, 18^2, 9, 8\})$	648
72	$\mathcal{O}(0; \{72, 24, 12, 9^2\})$	576
72	$\mathcal{O}(0; \{72, 24, 18, 4, 2^2\})$	96
72	$\mathcal{O}(0; \{72, 24, 18, 8^2\})$	768
72	$\mathcal{O}(0; \{72, 24, 18, 12, 6\})$	384
72	$\mathcal{O}(0; \{72, 36, 12, 9, 8\})$	576
72	$\mathcal{O}(0; \{72, 36, 24, 9, 6\})$	576
72	$\mathcal{O}(0; \{72, 36^2, 8, 6\})$	576
72	$\mathcal{O}(0; \{72, 36^2, 24, 4\})$	1152
72	$\mathcal{O}(0; \{72^2, 3, 2^4\})$	48
72	$\mathcal{O}(0; \{72^2, 3^4\})$	384
72	$\mathcal{O}(0; \{72^2, 4^2, 3, 2\})$	192
72	$\mathcal{O}(0; \{72^2, 6, 3^2, 2\})$	192
72	$\mathcal{O}(0; \{72^2, 6^2, 2^2\})$	96
72	$\mathcal{O}(0; \{72^2, 9^3\})$	3240
72	$\mathcal{O}(0; \{72^2, 12, 4, 2^2\})$	192
72	$\mathcal{O}(0; \{72^2, 12, 8^2\})$	1536
72	$\mathcal{O}(0; \{72^2, 12^2, 6\})$	768
72	$\mathcal{O}(0; \{72^2, 18, 9, 6\})$	1296
72	$\mathcal{O}(0; \{72^2, 24, 8, 6\})$	1536
72	$\mathcal{O}(0; \{72^2, 24^2, 4\})$	3072
72	$\mathcal{O}(0; \{72^2, 36, 18, 4\})$	2592

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
75	$\mathcal{O}(1; \{15^2, 3\})$	43200
75	$\mathcal{O}(0; \{75, 25^3, 3\})$	13000
75	$\mathcal{O}(0; \{75^2, 25, 5^2\})$	9600
75	$\mathcal{O}(0; \{75^2, 25, 15, 3\})$	7200
76	$\mathcal{O}(1; \{4^2, 2^2\})$	11520
77	$\mathcal{O}(0; \{77, 11, 7^3\})$	1860
78	$\mathcal{O}(0; \{13^3, 6^2\})$	264
78	$\mathcal{O}(0; \{39, 26, 3^3, 2\})$	72
78	$\mathcal{O}(0; \{39, 26, 6, 3, 2^2\})$	24
78	$\mathcal{O}(0; \{39, 26, 6^3\})$	72
78	$\mathcal{O}(0; \{78, 39^2, 2^3\})$	264
78	$\mathcal{O}(0; \{78, 39^2, 6, 3\})$	1320
78	$\mathcal{O}(0; \{78^2, 26, 2^3\})$	264
78	$\mathcal{O}(0; \{78^2, 26, 6, 3\})$	792
78	$\mathcal{O}(0; \{78^3, 39, 2\})$	9576
80	$\mathcal{O}(1; \{16^2, 2\})$	49152
80	$\mathcal{O}(0; \{16^2, 10, 5^2\})$	96
80	$\mathcal{O}(0; \{20, 16^2, 5, 4\})$	128
80	$\mathcal{O}(0; \{80, 16, 10, 5, 4\})$	192
80	$\mathcal{O}(0; \{80, 20, 16, 2^3\})$	64
80	$\mathcal{O}(0; \{80, 20, 16, 4^2\})$	256
80	$\mathcal{O}(0; \{80, 40^2, 16, 2\})$	1536
80	$\mathcal{O}(0; \{80^2, 5^3\})$	1632
80	$\mathcal{O}(0; \{80^2, 10, 2^3\})$	96
80	$\mathcal{O}(0; \{80^2, 10, 4^2\})$	384
80	$\mathcal{O}(0; \{80^2, 20^2, 2\})$	1664
84	$\mathcal{O}(0; \{21^2, 7, 4^2\})$	120
84	$\mathcal{O}(0; \{28, 12, 7^2, 3\})$	120
84	$\mathcal{O}(0; \{28, 21, 14, 4, 3\})$	120
84	$\mathcal{O}(0; \{28, 21, 14, 12, 2\})$	120
84	$\mathcal{O}(0; \{28^2, 3^2, 2^2\})$	24
84	$\mathcal{O}(0; \{28^2, 6^2, 3\})$	24
84	$\mathcal{O}(0; \{28^2, 12, 4, 3\})$	96
84	$\mathcal{O}(0; \{28^2, 12^2, 2\})$	96
84	$\mathcal{O}(0; \{42, 21, 6, 4^2\})$	24
84	$\mathcal{O}(0; \{42, 21, 12, 4, 3\})$	72
84	$\mathcal{O}(0; \{42, 21, 12^2, 2\})$	72
84	$\mathcal{O}(0; \{84, 7, 4, 3, 2^2\})$	24
84	$\mathcal{O}(0; \{84, 7, 6^2, 4\})$	24
84	$\mathcal{O}(0; \{84, 12, 7, 2^3\})$	24
84	$\mathcal{O}(0; \{84, 12, 7, 4^2\})$	96
84	$\mathcal{O}(0; \{84, 12, 7, 6, 3\})$	72
84	$\mathcal{O}(0; \{84, 14^2, 4, 3\})$	120

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
84	$\mathcal{O}(0; \{84, 14^2, 12, 2\})$	120
84	$\mathcal{O}(0; \{84, 28, 21, 7, 2\})$	744
84	$\mathcal{O}(0; \{84, 42, 28, 3^2\})$	360
84	$\mathcal{O}(0; \{84, 42, 28, 6, 2\})$	120
84	$\mathcal{O}(0; \{84^2, 14, 7, 2\})$	744
84	$\mathcal{O}(0; \{84^2, 21, 3^2\})$	600
84	$\mathcal{O}(0; \{84^2, 21, 6, 2\})$	360
88	$\mathcal{O}(0; \{22^2, 8^2, 2\})$	40
90	$\mathcal{O}(0; \{15, 10, 9^2, 2\})$	48
90	$\mathcal{O}(0; \{45, 18, 9, 5, 2\})$	72
90	$\mathcal{O}(0; \{90, 10, 9, 3^2\})$	96
90	$\mathcal{O}(0; \{90, 10, 9, 6, 2\})$	48
90	$\mathcal{O}(0; \{90, 15, 9, 5, 2\})$	144
90	$\mathcal{O}(0; \{90, 45^2, 3, 2\})$	432
90	$\mathcal{O}(0; \{90^2, 5, 3^2\})$	288
90	$\mathcal{O}(0; \{90^2, 6, 5, 2\})$	144
90	$\mathcal{O}(0; \{90^2, 30, 3, 2\})$	288
95	$\mathcal{O}(2; \emptyset)$	81319680
96	$\mathcal{O}(1; \{96^2\})$	294912
96	$\mathcal{O}(0; \{96^2, 2^4\})$	32
96	$\mathcal{O}(0; \{96^2, 3^3\})$	160
96	$\mathcal{O}(0; \{96^2, 4^2, 2\})$	128
96	$\mathcal{O}(0; \{96^2, 6, 3, 2\})$	96
97	$\mathcal{O}(0; \{97^4\})$	875616
98	$\mathcal{O}(0; \{49^3, 2^2\})$	1470
98	$\mathcal{O}(0; \{98^2, 49^2\})$	63798
99	$\mathcal{O}(0; \{99^2, 33^2\})$	21840
100	$\mathcal{O}(1; \{20^2\})$	76800
100	$\mathcal{O}(0; \{100, 25, 20, 2^2\})$	160
100	$\mathcal{O}(0; \{100, 50^2, 20\})$	2400
100	$\mathcal{O}(0; \{100^2, 25^2\})$	13000
102	$\mathcal{O}(0; \{102^2, 17^2\})$	7712
104	$\mathcal{O}(0; \{104, 26, 8, 2^2\})$	48
104	$\mathcal{O}(0; \{104, 52^2, 8\})$	2112
104	$\mathcal{O}(0; \{104^2, 13^2\})$	6384
105	$\mathcal{O}(0; \{35, 21^2, 15\})$	240
105	$\mathcal{O}(0; \{35^2, 15^2\})$	624
105	$\mathcal{O}(0; \{105, 21, 15^2\})$	432
105	$\mathcal{O}(0; \{105^2, 35, 7\})$	4464
108	$\mathcal{O}(0; \{27^2, 12^2\})$	144
108	$\mathcal{O}(0; \{108, 27, 12, 9\})$	432
108	$\mathcal{O}(0; \{108, 36, 27, 6\})$	432
108	$\mathcal{O}(0; \{108^2, 9^2\})$	1296

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Table 6 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
108	$\mathcal{O}(0; \{108^2, 18, 6\})$	432
110	$\mathcal{O}(0; \{110, 55, 22, 5\})$	1080
112	$\mathcal{O}(0; \{28, 16^2, 7\})$	96
112	$\mathcal{O}(0; \{112^2, 7^2\})$	1488
112	$\mathcal{O}(0; \{112^2, 28, 4\})$	960
114	$\mathcal{O}(1; \{6^2\})$	25920
117	$\mathcal{O}(0; \{13^2, 9^2\})$	72
117	$\mathcal{O}(0; \{117^2, 39, 3\})$	3168
119	$\mathcal{O}(0; \{17^2, 7^2\})$	96
120	$\mathcal{O}(0; \{40^2, 30, 3\})$	96
120	$\mathcal{O}(0; \{60, 40, 24, 3\})$	64
120	$\mathcal{O}(0; \{120, 12, 8, 5\})$	64
120	$\mathcal{O}(0; \{120, 24, 6, 5\})$	32
120	$\mathcal{O}(0; \{120, 30, 8, 4\})$	64
120	$\mathcal{O}(0; \{120, 30, 24, 3\})$	96
120	$\mathcal{O}(0; \{120, 40, 20, 3\})$	192
120	$\mathcal{O}(0; \{120^2, 5^2\})$	416
120	$\mathcal{O}(0; \{120^2, 15, 3\})$	288
126	$\mathcal{O}(0; \{126^2, 7, 3\})$	360
128	$\mathcal{O}(0; \{128^2, 2^3\})$	64
128	$\mathcal{O}(0; \{128^2, 4^2\})$	256
130	$\mathcal{O}(0; \{130, 65^2, 2\})$	1584
132	$\mathcal{O}(0; \{33^2, 4^2\})$	40
132	$\mathcal{O}(0; \{132, 44, 33, 2\})$	360
132	$\mathcal{O}(0; \{132^2, 22, 2\})$	360
140	$\mathcal{O}(0; \{140, 28, 10, 2\})$	48
144	$\mathcal{O}(0; \{144, 16, 9, 2\})$	48
144	$\mathcal{O}(0; \{144^2, 3^2\})$	192
144	$\mathcal{O}(0; \{144^2, 6, 2\})$	96
147	$\mathcal{O}(0; \{49^2, 3^2\})$	84
156	$\mathcal{O}(0; \{156, 39, 4, 2\})$	48
190	$\mathcal{O}(1; \{2^2\})$	34560
192	$\mathcal{O}(0; \{192^2, 2^2\})$	64
193	$\mathcal{O}(0; \{193^3\})$	36672
194	$\mathcal{O}(0; \{97^2, 2^2\})$	96
194	$\mathcal{O}(0; \{194^2, 97\})$	9120
195	$\mathcal{O}(0; \{195^2, 65\})$	3168
196	$\mathcal{O}(0; \{196^2, 49\})$	2940
198	$\mathcal{O}(0; \{198^2, 33\})$	1080
200	$\mathcal{O}(0; \{200, 50, 40\})$	320
200	$\mathcal{O}(0; \{200^2, 25\})$	1200
204	$\mathcal{O}(0; \{204^2, 17\})$	960
208	$\mathcal{O}(0; \{208, 52, 16\})$	192

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
208	$\mathcal{O}(0; \{208^2, 13\})$	1056
210	$\mathcal{O}(0; \{70, 30, 21\})$	48
210	$\mathcal{O}(0; \{210, 42, 15\})$	48
216	$\mathcal{O}(0; \{216^2, 9\})$	432
221	$\mathcal{O}(0; \{221, 17, 13\})$	192
224	$\mathcal{O}(0; \{224^2, 7\})$	480
225	$\mathcal{O}(0; \{225, 25, 9\})$	120
231	$\mathcal{O}(0; \{231, 33, 7\})$	120
240	$\mathcal{O}(0; \{240^2, 5\})$	192
245	$\mathcal{O}(0; \{245, 49, 5\})$	168
256	$\mathcal{O}(0; \{256^2, 4\})$	256
260	$\mathcal{O}(0; \{260, 65, 4\})$	96
288	$\mathcal{O}(0; \{288^2, 3\})$	192
291	$\mathcal{O}(0; \{291, 97, 3\})$	192
384	$\mathcal{O}(0; \{384^2, 2\})$	128
386	$\mathcal{O}(0; \{386, 193, 2\})$	192

Table 7: 97-admissible orbifolds.

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
1	$\mathcal{O}(97; \emptyset)$	1
2	$\mathcal{O}(49; \emptyset)$	316912650057057350374175801343
2	$\mathcal{O}(48; \{2^4\})$	79228162514264337593543950336
2	$\mathcal{O}(47; \{2^8\})$	19807040628566084398385987584
2	$\mathcal{O}(46; \{2^{12}\})$	4951760157141521099596496896
2	$\mathcal{O}(45; \{2^{16}\})$	1237940039285380274899124224
2	$\mathcal{O}(44; \{2^{20}\})$	309485009821345068724781056
2	$\mathcal{O}(43; \{2^{24}\})$	77371252455336267181195264
2	$\mathcal{O}(42; \{2^{28}\})$	19342813113834066795298816
2	$\mathcal{O}(41; \{2^{32}\})$	4835703278458516698824704
2	$\mathcal{O}(40; \{2^{36}\})$	1208925819614629174706176
2	$\mathcal{O}(39; \{2^{40}\})$	302231454903657293676544
2	$\mathcal{O}(38; \{2^{44}\})$	75557863725914323419136
2	$\mathcal{O}(37; \{2^{48}\})$	18889465931478580854784
2	$\mathcal{O}(36; \{2^{52}\})$	4722366482869645213696
2	$\mathcal{O}(35; \{2^{56}\})$	1180591620717411303424
2	$\mathcal{O}(34; \{2^{60}\})$	295147905179352825856
2	$\mathcal{O}(33; \{2^{64}\})$	73786976294838206464
2	$\mathcal{O}(32; \{2^{68}\})$	18446744073709551616
2	$\mathcal{O}(31; \{2^{72}\})$	4611686018427387904

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
2	$\mathcal{O}(30; \{2^{76}\})$	1152921504606846976
2	$\mathcal{O}(29; \{2^{80}\})$	288230376151711744
2	$\mathcal{O}(28; \{2^{84}\})$	72057594037927936
2	$\mathcal{O}(27; \{2^{88}\})$	18014398509481984
2	$\mathcal{O}(26; \{2^{92}\})$	4503599627370496
2	$\mathcal{O}(25; \{2^{96}\})$	1125899906842624
2	$\mathcal{O}(24; \{2^{100}\})$	281474976710656
2	$\mathcal{O}(23; \{2^{104}\})$	70368744177664
2	$\mathcal{O}(22; \{2^{108}\})$	17592186044416
2	$\mathcal{O}(21; \{2^{112}\})$	4398046511104
2	$\mathcal{O}(20; \{2^{116}\})$	1099511627776
2	$\mathcal{O}(19; \{2^{120}\})$	274877906944
2	$\mathcal{O}(18; \{2^{124}\})$	68719476736
2	$\mathcal{O}(17; \{2^{128}\})$	17179869184
2	$\mathcal{O}(16; \{2^{132}\})$	4294967296
2	$\mathcal{O}(15; \{2^{136}\})$	1073741824
2	$\mathcal{O}(14; \{2^{140}\})$	268435456
2	$\mathcal{O}(13; \{2^{144}\})$	67108864
2	$\mathcal{O}(12; \{2^{148}\})$	16777216
2	$\mathcal{O}(11; \{2^{152}\})$	4194304
2	$\mathcal{O}(10; \{2^{156}\})$	1048576
2	$\mathcal{O}(9; \{2^{160}\})$	262144
2	$\mathcal{O}(8; \{2^{164}\})$	65536
2	$\mathcal{O}(7; \{2^{168}\})$	16384
2	$\mathcal{O}(6; \{2^{172}\})$	4096
2	$\mathcal{O}(5; \{2^{176}\})$	1024
2	$\mathcal{O}(4; \{2^{180}\})$	256
2	$\mathcal{O}(3; \{2^{184}\})$	64
2	$\mathcal{O}(2; \{2^{188}\})$	16
2	$\mathcal{O}(1; \{2^{192}\})$	4
2	$\mathcal{O}(0; \{2^{196}\})$	1
3	$\mathcal{O}(33; \emptyset)$	30903154382632612361920641803528
3	$\mathcal{O}(32; \{3^3\})$	6867367640585024969315698178562
3	$\mathcal{O}(31; \{3^6\})$	8393449338492808295830297773798
3	$\mathcal{O}(30; \{3^9\})$	7206496906786754597430053644170
3	$\mathcal{O}(29; \{3^{12}\})$	6434035800438370444502910639174
3	$\mathcal{O}(28; \{3^{15}\})$	5716002847924831787445972832362
3	$\mathcal{O}(27; \{3^{18}\})$	5081240318799646495865673747558
3	$\mathcal{O}(26; \{3^{21}\})$	4516619294663905969618583071050
3	$\mathcal{O}(25; \{3^{24}\})$	4014777013755842568554273129094
3	$\mathcal{O}(24; \{3^{27}\})$	3568690200295423821924294712362
3	$\mathcal{O}(23; \{3^{30}\})$	3172169120106894337403268542118
3	$\mathcal{O}(22; \{3^{33}\})$	2819705878630836220145682417930

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
3	$\mathcal{O}(21; \{3^{36}\})$	2506405226106146130474125193414
3	$\mathcal{O}(20; \{3^{39}\})$	2227915756465850567667103043562
3	$\mathcal{O}(19; \{3^{42}\})$	1980369561311083392676796213478
3	$\mathcal{O}(18; \{3^{45}\})$	1760328498942284670123147972810
3	$\mathcal{O}(17; \{3^{48}\})$	1564736443504353103199662864134
3	$\mathcal{O}(16; \{3^{51}\})$	1390876838670524973611900545962
3	$\mathcal{O}(15; \{3^{54}\})$	1236334967707134545224037497638
3	$\mathcal{O}(14; \{3^{57}\})$	1098964415739675014049500823690
3	$\mathcal{O}(13; \{3^{60}\})$	976857258435266694406306813254
3	$\mathcal{O}(12; \{3^{63}\})$	868317563053570393333251059562
3	$\mathcal{O}(11; \{3^{66}\})$	771837833825395905373398410598
3	$\mathcal{O}(10; \{3^{69}\})$	686078074511463026977655658570
3	$\mathcal{O}(9; \{3^{72}\})$	609847177343522690649129552774
3	$\mathcal{O}(8; \{3^{75}\})$	542086379860909058354523544362
3	$\mathcal{O}(7; \{3^{78}\})$	481854559876363607426271848358
3	$\mathcal{O}(6; \{3^{81}\})$	428315164334545428823349565450
3	$\mathcal{O}(5; \{3^{84}\})$	380724590519595936731866634694
3	$\mathcal{O}(4; \{3^{87}\})$	338421858239640832650548080362
3	$\mathcal{O}(3; \{3^{90}\})$	300819429546347406800487186918
3	$\mathcal{O}(2; \{3^{93}\})$	267395048485642139378210832330
3	$\mathcal{O}(1; \{3^{96}\})$	237684487542793012780631851014
3	$\mathcal{O}(0; \{3^{99}\})$	211275100038038233582783867562
4	$\mathcal{O}(25; \emptyset)$	1267650600228228275596796362752
4	$\mathcal{O}(24; \{2^4\})$	79228162514264056118567239680
4	$\mathcal{O}(24; \{4^2, 2\})$	158456325028528675187087900672
4	$\mathcal{O}(23; \{2^8\})$	4951760157141450730852319232
4	$\mathcal{O}(23; \{4^2, 2^5\})$	9903520314283042199192993792
4	$\mathcal{O}(23; \{4^4, 2^2\})$	39614081257132168796771975168
4	$\mathcal{O}(22; \{2^{12}\})$	309485009821327476538736640
4	$\mathcal{O}(22; \{4^2, 2^9\})$	618970019642690137449562112
4	$\mathcal{O}(22; \{4^4, 2^6\})$	2475880078570760549798248448
4	$\mathcal{O}(22; \{4^6, 2^3\})$	9903520314283042199192993792
4	$\mathcal{O}(22; \{4^8\})$	39614081257132168796771975168
4	$\mathcal{O}(21; \{2^{16}\})$	19342813113829668748787712
4	$\mathcal{O}(21; \{4^2, 2^{13}\})$	38685626227668133590597632
4	$\mathcal{O}(21; \{4^4, 2^{10}\})$	154742504910672534362390528
4	$\mathcal{O}(21; \{4^6, 2^7\})$	618970019642690137449562112
4	$\mathcal{O}(21; \{4^8, 2^4\})$	2475880078570760549798248448
4	$\mathcal{O}(21; \{4^{10}, 2\})$	9903520314283042199192993792
4	$\mathcal{O}(20; \{2^{20}\})$	1208925819613529663078400
4	$\mathcal{O}(20; \{4^2, 2^{17}\})$	2417851639229258349412352
4	$\mathcal{O}(20; \{4^4, 2^{14}\})$	9671406556917033397649408
4	$\mathcal{O}(20; \{4^6, 2^{11}\})$	38685626227668133590597632

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(20; \{4^8, 2^8\})$	154742504910672534362390528
4	$\mathcal{O}(20; \{4^{10}, 2^5\})$	618970019642690137449562112
4	$\mathcal{O}(20; \{4^{12}, 2^2\})$	2475880078570760549798248448
4	$\mathcal{O}(19; \{2^{24}\})$	75557863725639445512192
4	$\mathcal{O}(19; \{4^2, 2^{21}\})$	151115727451828646838272
4	$\mathcal{O}(19; \{4^4, 2^{18}\})$	604462909807314587353088
4	$\mathcal{O}(19; \{4^6, 2^{15}\})$	2417851639229258349412352
4	$\mathcal{O}(19; \{4^8, 2^{12}\})$	9671406556917033397649408
4	$\mathcal{O}(19; \{4^{10}, 2^9\})$	38685626227668133590597632
4	$\mathcal{O}(19; \{4^{12}, 2^6\})$	154742504910672534362390528
4	$\mathcal{O}(19; \{4^{14}, 2^3\})$	618970019642690137449562112
4	$\mathcal{O}(19; \{4^{16}\})$	2475880078570760549798248448
4	$\mathcal{O}(18; \{2^{28}\})$	4722366482800925736960
4	$\mathcal{O}(18; \{4^2, 2^{25}\})$	9444732965739290427392
4	$\mathcal{O}(18; \{4^4, 2^{22}\})$	37778931862957161709568
4	$\mathcal{O}(18; \{4^6, 2^{19}\})$	151115727451828646838272
4	$\mathcal{O}(18; \{4^8, 2^{16}\})$	604462909807314587353088
4	$\mathcal{O}(18; \{4^{10}, 2^{13}\})$	2417851639229258349412352
4	$\mathcal{O}(18; \{4^{12}, 2^{10}\})$	9671406556917033397649408
4	$\mathcal{O}(18; \{4^{14}, 2^7\})$	38685626227668133590597632
4	$\mathcal{O}(18; \{4^{16}, 2^4\})$	154742504910672534362390528
4	$\mathcal{O}(18; \{4^{18}, 2\})$	618970019642690137449562112
4	$\mathcal{O}(17; \{2^{32}\})$	295147905162172956672
4	$\mathcal{O}(17; \{4^2, 2^{29}\})$	590295810358705651712
4	$\mathcal{O}(17; \{4^4, 2^{26}\})$	2361183241434822606848
4	$\mathcal{O}(17; \{4^6, 2^{23}\})$	9444732965739290427392
4	$\mathcal{O}(17; \{4^8, 2^{20}\})$	37778931862957161709568
4	$\mathcal{O}(17; \{4^{10}, 2^{17}\})$	151115727451828646838272
4	$\mathcal{O}(17; \{4^{12}, 2^{14}\})$	604462909807314587353088
4	$\mathcal{O}(17; \{4^{14}, 2^{11}\})$	2417851639229258349412352
4	$\mathcal{O}(17; \{4^{16}, 2^8\})$	9671406556917033397649408
4	$\mathcal{O}(17; \{4^{18}, 2^5\})$	38685626227668133590597632
4	$\mathcal{O}(17; \{4^{20}, 2^2\})$	154742504910672534362390528
4	$\mathcal{O}(16; \{2^{36}\})$	18446744069414584320
4	$\mathcal{O}(16; \{4^2, 2^{33}\})$	36893488147419103232
4	$\mathcal{O}(16; \{4^4, 2^{30}\})$	147573952589676412928
4	$\mathcal{O}(16; \{4^6, 2^{27}\})$	590295810358705651712
4	$\mathcal{O}(16; \{4^8, 2^{24}\})$	2361183241434822606848
4	$\mathcal{O}(16; \{4^{10}, 2^{21}\})$	9444732965739290427392
4	$\mathcal{O}(16; \{4^{12}, 2^{18}\})$	37778931862957161709568
4	$\mathcal{O}(16; \{4^{14}, 2^{15}\})$	151115727451828646838272
4	$\mathcal{O}(16; \{4^{16}, 2^{12}\})$	604462909807314587353088
4	$\mathcal{O}(16; \{4^{18}, 2^9\})$	2417851639229258349412352

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(16; \{4^{20}, 2^6\})$	9671406556917033397649408
4	$\mathcal{O}(16; \{4^{22}, 2^3\})$	38685626227668133590597632
4	$\mathcal{O}(16; \{4^{24}\})$	154742504910672534362390528
4	$\mathcal{O}(15; \{2^{40}\})$	1152921503533105152
4	$\mathcal{O}(15; \{4^2, 2^{37}\})$	2305843009213693952
4	$\mathcal{O}(15; \{4^4, 2^{34}\})$	9223372036854775808
4	$\mathcal{O}(15; \{4^6, 2^{31}\})$	36893488147419103232
4	$\mathcal{O}(15; \{4^8, 2^{28}\})$	147573952589676412928
4	$\mathcal{O}(15; \{4^{10}, 2^{25}\})$	590295810358705651712
4	$\mathcal{O}(15; \{4^{12}, 2^{22}\})$	2361183241434822606848
4	$\mathcal{O}(15; \{4^{14}, 2^{19}\})$	9444732965739290427392
4	$\mathcal{O}(15; \{4^{16}, 2^{16}\})$	37778931862957161709568
4	$\mathcal{O}(15; \{4^{18}, 2^{13}\})$	151115727451828646838272
4	$\mathcal{O}(15; \{4^{20}, 2^{10}\})$	604462909807314587353088
4	$\mathcal{O}(15; \{4^{22}, 2^7\})$	2417851639229258349412352
4	$\mathcal{O}(15; \{4^{24}, 2^4\})$	9671406556917033397649408
4	$\mathcal{O}(15; \{4^{26}, 2\})$	38685626227668133590597632
4	$\mathcal{O}(14; \{2^{44}\})$	72057593769492480
4	$\mathcal{O}(14; \{4^2, 2^{41}\})$	144115188075855872
4	$\mathcal{O}(14; \{4^4, 2^{38}\})$	576460752303423488
4	$\mathcal{O}(14; \{4^6, 2^{35}\})$	2305843009213693952
4	$\mathcal{O}(14; \{4^8, 2^{32}\})$	9223372036854775808
4	$\mathcal{O}(14; \{4^{10}, 2^{29}\})$	36893488147419103232
4	$\mathcal{O}(14; \{4^{12}, 2^{26}\})$	147573952589676412928
4	$\mathcal{O}(14; \{4^{14}, 2^{23}\})$	590295810358705651712
4	$\mathcal{O}(14; \{4^{16}, 2^{20}\})$	2361183241434822606848
4	$\mathcal{O}(14; \{4^{18}, 2^{17}\})$	9444732965739290427392
4	$\mathcal{O}(14; \{4^{20}, 2^{14}\})$	37778931862957161709568
4	$\mathcal{O}(14; \{4^{22}, 2^{11}\})$	151115727451828646838272
4	$\mathcal{O}(14; \{4^{24}, 2^8\})$	604462909807314587353088
4	$\mathcal{O}(14; \{4^{26}, 2^5\})$	2417851639229258349412352
4	$\mathcal{O}(14; \{4^{28}, 2^2\})$	9671406556917033397649408
4	$\mathcal{O}(13; \{2^{48}\})$	4503599560261632
4	$\mathcal{O}(13; \{4^2, 2^{45}\})$	9007199254740992
4	$\mathcal{O}(13; \{4^4, 2^{42}\})$	36028797018963968
4	$\mathcal{O}(13; \{4^6, 2^{39}\})$	144115188075855872
4	$\mathcal{O}(13; \{4^8, 2^{36}\})$	576460752303423488
4	$\mathcal{O}(13; \{4^{10}, 2^{33}\})$	2305843009213693952
4	$\mathcal{O}(13; \{4^{12}, 2^{30}\})$	9223372036854775808
4	$\mathcal{O}(13; \{4^{14}, 2^{27}\})$	36893488147419103232
4	$\mathcal{O}(13; \{4^{16}, 2^{24}\})$	147573952589676412928
4	$\mathcal{O}(13; \{4^{18}, 2^{21}\})$	590295810358705651712
4	$\mathcal{O}(13; \{4^{20}, 2^{18}\})$	2361183241434822606848

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(13; \{4^{22}, 2^{15}\})$	9444732965739290427392
4	$\mathcal{O}(13; \{4^{24}, 2^{12}\})$	37778931862957161709568
4	$\mathcal{O}(13; \{4^{26}, 2^9\})$	151115727451828646838272
4	$\mathcal{O}(13; \{4^{28}, 2^6\})$	604462909807314587353088
4	$\mathcal{O}(13; \{4^{30}, 2^3\})$	2417851639229258349412352
4	$\mathcal{O}(13; \{4^{32}\})$	9671406556917033397649408
4	$\mathcal{O}(12; \{2^{52}\})$	281474959933440
4	$\mathcal{O}(12; \{4^2, 2^{49}\})$	562949953421312
4	$\mathcal{O}(12; \{4^4, 2^{46}\})$	2251799813685248
4	$\mathcal{O}(12; \{4^6, 2^{43}\})$	9007199254740992
4	$\mathcal{O}(12; \{4^8, 2^{40}\})$	36028797018963968
4	$\mathcal{O}(12; \{4^{10}, 2^{37}\})$	144115188075855872
4	$\mathcal{O}(12; \{4^{12}, 2^{34}\})$	576460752303423488
4	$\mathcal{O}(12; \{4^{14}, 2^{31}\})$	2305843009213693952
4	$\mathcal{O}(12; \{4^{16}, 2^{28}\})$	9223372036854775808
4	$\mathcal{O}(12; \{4^{18}, 2^{25}\})$	36893488147419103232
4	$\mathcal{O}(12; \{4^{20}, 2^{22}\})$	147573952589676412928
4	$\mathcal{O}(12; \{4^{22}, 2^{19}\})$	590295810358705651712
4	$\mathcal{O}(12; \{4^{24}, 2^{16}\})$	2361183241434822606848
4	$\mathcal{O}(12; \{4^{26}, 2^{13}\})$	9444732965739290427392
4	$\mathcal{O}(12; \{4^{28}, 2^{10}\})$	37778931862957161709568
4	$\mathcal{O}(12; \{4^{30}, 2^7\})$	151115727451828646838272
4	$\mathcal{O}(12; \{4^{32}, 2^4\})$	604462909807314587353088
4	$\mathcal{O}(12; \{4^{34}, 2\})$	2417851639229258349412352
4	$\mathcal{O}(11; \{2^{56}\})$	17592181850112
4	$\mathcal{O}(11; \{4^2, 2^{53}\})$	35184372088832
4	$\mathcal{O}(11; \{4^4, 2^{50}\})$	140737488355328
4	$\mathcal{O}(11; \{4^6, 2^{47}\})$	562949953421312
4	$\mathcal{O}(11; \{4^8, 2^{44}\})$	2251799813685248
4	$\mathcal{O}(11; \{4^{10}, 2^{41}\})$	9007199254740992
4	$\mathcal{O}(11; \{4^{12}, 2^{38}\})$	36028797018963968
4	$\mathcal{O}(11; \{4^{14}, 2^{35}\})$	144115188075855872
4	$\mathcal{O}(11; \{4^{16}, 2^{32}\})$	576460752303423488
4	$\mathcal{O}(11; \{4^{18}, 2^{29}\})$	2305843009213693952
4	$\mathcal{O}(11; \{4^{20}, 2^{26}\})$	9223372036854775808
4	$\mathcal{O}(11; \{4^{22}, 2^{23}\})$	36893488147419103232
4	$\mathcal{O}(11; \{4^{24}, 2^{20}\})$	147573952589676412928
4	$\mathcal{O}(11; \{4^{26}, 2^{17}\})$	590295810358705651712
4	$\mathcal{O}(11; \{4^{28}, 2^{14}\})$	2361183241434822606848
4	$\mathcal{O}(11; \{4^{30}, 2^{11}\})$	9444732965739290427392
4	$\mathcal{O}(11; \{4^{32}, 2^8\})$	37778931862957161709568
4	$\mathcal{O}(11; \{4^{34}, 2^5\})$	151115727451828646838272
4	$\mathcal{O}(11; \{4^{36}, 2^2\})$	604462909807314587353088

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(10; \{2^{60}\})$	1099510579200
4	$\mathcal{O}(10; \{4^2, 2^{57}\})$	2199023255552
4	$\mathcal{O}(10; \{4^4, 2^{54}\})$	8796093022208
4	$\mathcal{O}(10; \{4^6, 2^{51}\})$	35184372088832
4	$\mathcal{O}(10; \{4^8, 2^{48}\})$	140737488355328
4	$\mathcal{O}(10; \{4^{10}, 2^{45}\})$	562949953421312
4	$\mathcal{O}(10; \{4^{12}, 2^{42}\})$	2251799813685248
4	$\mathcal{O}(10; \{4^{14}, 2^{39}\})$	9007199254740992
4	$\mathcal{O}(10; \{4^{16}, 2^{36}\})$	36028797018963968
4	$\mathcal{O}(10; \{4^{18}, 2^{33}\})$	144115188075855872
4	$\mathcal{O}(10; \{4^{20}, 2^{30}\})$	576460752303423488
4	$\mathcal{O}(10; \{4^{22}, 2^{27}\})$	2305843009213693952
4	$\mathcal{O}(10; \{4^{24}, 2^{24}\})$	9223372036854775808
4	$\mathcal{O}(10; \{4^{26}, 2^{21}\})$	36893488147419103232
4	$\mathcal{O}(10; \{4^{28}, 2^{18}\})$	147573952589676412928
4	$\mathcal{O}(10; \{4^{30}, 2^{15}\})$	590295810358705651712
4	$\mathcal{O}(10; \{4^{32}, 2^{12}\})$	2361183241434822606848
4	$\mathcal{O}(10; \{4^{34}, 2^9\})$	9444732965739290427392
4	$\mathcal{O}(10; \{4^{36}, 2^6\})$	37778931862957161709568
4	$\mathcal{O}(10; \{4^{38}, 2^3\})$	151115727451828646838272
4	$\mathcal{O}(10; \{4^{40}\})$	604462909807314587353088
4	$\mathcal{O}(9; \{2^{64}\})$	68719214592
4	$\mathcal{O}(9; \{4^2, 2^{61}\})$	137438953472
4	$\mathcal{O}(9; \{4^4, 2^{58}\})$	549755813888
4	$\mathcal{O}(9; \{4^6, 2^{55}\})$	2199023255552
4	$\mathcal{O}(9; \{4^8, 2^{52}\})$	8796093022208
4	$\mathcal{O}(9; \{4^{10}, 2^{49}\})$	35184372088832
4	$\mathcal{O}(9; \{4^{12}, 2^{46}\})$	140737488355328
4	$\mathcal{O}(9; \{4^{14}, 2^{43}\})$	562949953421312
4	$\mathcal{O}(9; \{4^{16}, 2^{40}\})$	2251799813685248
4	$\mathcal{O}(9; \{4^{18}, 2^{37}\})$	9007199254740992
4	$\mathcal{O}(9; \{4^{20}, 2^{34}\})$	36028797018963968
4	$\mathcal{O}(9; \{4^{22}, 2^{31}\})$	144115188075855872
4	$\mathcal{O}(9; \{4^{24}, 2^{28}\})$	576460752303423488
4	$\mathcal{O}(9; \{4^{26}, 2^{25}\})$	2305843009213693952
4	$\mathcal{O}(9; \{4^{28}, 2^{22}\})$	9223372036854775808
4	$\mathcal{O}(9; \{4^{30}, 2^{19}\})$	36893488147419103232
4	$\mathcal{O}(9; \{4^{32}, 2^{16}\})$	147573952589676412928
4	$\mathcal{O}(9; \{4^{34}, 2^{13}\})$	590295810358705651712
4	$\mathcal{O}(9; \{4^{36}, 2^{10}\})$	2361183241434822606848
4	$\mathcal{O}(9; \{4^{38}, 2^7\})$	9444732965739290427392
4	$\mathcal{O}(9; \{4^{40}, 2^4\})$	37778931862957161709568
4	$\mathcal{O}(9; \{4^{42}, 2\})$	151115727451828646838272

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(8; \{2^{68}\})$	4294901760
4	$\mathcal{O}(8; \{4^2, 2^{65}\})$	8589934592
4	$\mathcal{O}(8; \{4^4, 2^{62}\})$	34359738368
4	$\mathcal{O}(8; \{4^6, 2^{59}\})$	137438953472
4	$\mathcal{O}(8; \{4^8, 2^{56}\})$	549755813888
4	$\mathcal{O}(8; \{4^{10}, 2^{53}\})$	2199023255552
4	$\mathcal{O}(8; \{4^{12}, 2^{50}\})$	8796093022208
4	$\mathcal{O}(8; \{4^{14}, 2^{47}\})$	35184372088832
4	$\mathcal{O}(8; \{4^{16}, 2^{44}\})$	140737488355328
4	$\mathcal{O}(8; \{4^{18}, 2^{41}\})$	562949953421312
4	$\mathcal{O}(8; \{4^{20}, 2^{38}\})$	2251799813685248
4	$\mathcal{O}(8; \{4^{22}, 2^{35}\})$	9007199254740992
4	$\mathcal{O}(8; \{4^{24}, 2^{32}\})$	36028797018963968
4	$\mathcal{O}(8; \{4^{26}, 2^{29}\})$	144115188075855872
4	$\mathcal{O}(8; \{4^{28}, 2^{26}\})$	576460752303423488
4	$\mathcal{O}(8; \{4^{30}, 2^{23}\})$	2305843009213693952
4	$\mathcal{O}(8; \{4^{32}, 2^{20}\})$	9223372036854775808
4	$\mathcal{O}(8; \{4^{34}, 2^{17}\})$	36893488147419103232
4	$\mathcal{O}(8; \{4^{36}, 2^{14}\})$	147573952589676412928
4	$\mathcal{O}(8; \{4^{38}, 2^{11}\})$	590295810358705651712
4	$\mathcal{O}(8; \{4^{40}, 2^8\})$	2361183241434822606848
4	$\mathcal{O}(8; \{4^{42}, 2^5\})$	9444732965739290427392
4	$\mathcal{O}(8; \{4^{44}, 2^2\})$	37778931862957161709568
4	$\mathcal{O}(7; \{2^{72}\})$	268419072
4	$\mathcal{O}(7; \{4^2, 2^{69}\})$	536870912
4	$\mathcal{O}(7; \{4^4, 2^{66}\})$	2147483648
4	$\mathcal{O}(7; \{4^6, 2^{63}\})$	8589934592
4	$\mathcal{O}(7; \{4^8, 2^{60}\})$	34359738368
4	$\mathcal{O}(7; \{4^{10}, 2^{57}\})$	137438953472
4	$\mathcal{O}(7; \{4^{12}, 2^{54}\})$	549755813888
4	$\mathcal{O}(7; \{4^{14}, 2^{51}\})$	2199023255552
4	$\mathcal{O}(7; \{4^{16}, 2^{48}\})$	8796093022208
4	$\mathcal{O}(7; \{4^{18}, 2^{45}\})$	35184372088832
4	$\mathcal{O}(7; \{4^{20}, 2^{42}\})$	140737488355328
4	$\mathcal{O}(7; \{4^{22}, 2^{39}\})$	562949953421312
4	$\mathcal{O}(7; \{4^{24}, 2^{36}\})$	2251799813685248
4	$\mathcal{O}(7; \{4^{26}, 2^{33}\})$	9007199254740992
4	$\mathcal{O}(7; \{4^{28}, 2^{30}\})$	36028797018963968
4	$\mathcal{O}(7; \{4^{30}, 2^{27}\})$	144115188075855872
4	$\mathcal{O}(7; \{4^{32}, 2^{24}\})$	576460752303423488
4	$\mathcal{O}(7; \{4^{34}, 2^{21}\})$	2305843009213693952
4	$\mathcal{O}(7; \{4^{36}, 2^{18}\})$	9223372036854775808
4	$\mathcal{O}(7; \{4^{38}, 2^{15}\})$	36893488147419103232

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(7; \{4^{40}, 2^{12}\})$	147573952589676412928
4	$\mathcal{O}(7; \{4^{42}, 2^9\})$	590295810358705651712
4	$\mathcal{O}(7; \{4^{44}, 2^6\})$	2361183241434822606848
4	$\mathcal{O}(7; \{4^{46}, 2^3\})$	9444732965739290427392
4	$\mathcal{O}(7; \{4^{48}\})$	37778931862957161709568
4	$\mathcal{O}(6; \{2^{76}\})$	16773120
4	$\mathcal{O}(6; \{4^2, 2^{73}\})$	33554432
4	$\mathcal{O}(6; \{4^4, 2^{70}\})$	134217728
4	$\mathcal{O}(6; \{4^6, 2^{67}\})$	536870912
4	$\mathcal{O}(6; \{4^8, 2^{64}\})$	2147483648
4	$\mathcal{O}(6; \{4^{10}, 2^{61}\})$	8589934592
4	$\mathcal{O}(6; \{4^{12}, 2^{58}\})$	34359738368
4	$\mathcal{O}(6; \{4^{14}, 2^{55}\})$	137438953472
4	$\mathcal{O}(6; \{4^{16}, 2^{52}\})$	549755813888
4	$\mathcal{O}(6; \{4^{18}, 2^{49}\})$	2199023255552
4	$\mathcal{O}(6; \{4^{20}, 2^{46}\})$	8796093022208
4	$\mathcal{O}(6; \{4^{22}, 2^{43}\})$	35184372088832
4	$\mathcal{O}(6; \{4^{24}, 2^{40}\})$	140737488355328
4	$\mathcal{O}(6; \{4^{26}, 2^{37}\})$	562949953421312
4	$\mathcal{O}(6; \{4^{28}, 2^{34}\})$	2251799813685248
4	$\mathcal{O}(6; \{4^{30}, 2^{31}\})$	9007199254740992
4	$\mathcal{O}(6; \{4^{32}, 2^{28}\})$	36028797018963968
4	$\mathcal{O}(6; \{4^{34}, 2^{25}\})$	144115188075855872
4	$\mathcal{O}(6; \{4^{36}, 2^{22}\})$	576460752303423488
4	$\mathcal{O}(6; \{4^{38}, 2^{19}\})$	2305843009213693952
4	$\mathcal{O}(6; \{4^{40}, 2^{16}\})$	9223372036854775808
4	$\mathcal{O}(6; \{4^{42}, 2^{13}\})$	36893488147419103232
4	$\mathcal{O}(6; \{4^{44}, 2^{10}\})$	147573952589676412928
4	$\mathcal{O}(6; \{4^{46}, 2^7\})$	590295810358705651712
4	$\mathcal{O}(6; \{4^{48}, 2^4\})$	2361183241434822606848
4	$\mathcal{O}(6; \{4^{50}, 2\})$	9444732965739290427392
4	$\mathcal{O}(5; \{2^{80}\})$	1047552
4	$\mathcal{O}(5; \{4^2, 2^{77}\})$	2097152
4	$\mathcal{O}(5; \{4^4, 2^{74}\})$	8388608
4	$\mathcal{O}(5; \{4^6, 2^{71}\})$	33554432
4	$\mathcal{O}(5; \{4^8, 2^{68}\})$	134217728
4	$\mathcal{O}(5; \{4^{10}, 2^{65}\})$	536870912
4	$\mathcal{O}(5; \{4^{12}, 2^{62}\})$	2147483648
4	$\mathcal{O}(5; \{4^{14}, 2^{59}\})$	8589934592
4	$\mathcal{O}(5; \{4^{16}, 2^{56}\})$	34359738368
4	$\mathcal{O}(5; \{4^{18}, 2^{53}\})$	137438953472
4	$\mathcal{O}(5; \{4^{20}, 2^{50}\})$	549755813888
4	$\mathcal{O}(5; \{4^{22}, 2^{47}\})$	2199023255552

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(5; \{4^{24}, 2^{44}\})$	8796093022208
4	$\mathcal{O}(5; \{4^{26}, 2^{41}\})$	35184372088832
4	$\mathcal{O}(5; \{4^{28}, 2^{38}\})$	140737488355328
4	$\mathcal{O}(5; \{4^{30}, 2^{35}\})$	562949953421312
4	$\mathcal{O}(5; \{4^{32}, 2^{32}\})$	2251799813685248
4	$\mathcal{O}(5; \{4^{34}, 2^{29}\})$	9007199254740992
4	$\mathcal{O}(5; \{4^{36}, 2^{26}\})$	36028797018963968
4	$\mathcal{O}(5; \{4^{38}, 2^{23}\})$	144115188075855872
4	$\mathcal{O}(5; \{4^{40}, 2^{20}\})$	576460752303423488
4	$\mathcal{O}(5; \{4^{42}, 2^{17}\})$	2305843009213693952
4	$\mathcal{O}(5; \{4^{44}, 2^{14}\})$	9223372036854775808
4	$\mathcal{O}(5; \{4^{46}, 2^{11}\})$	36893488147419103232
4	$\mathcal{O}(5; \{4^{48}, 2^8\})$	147573952589676412928
4	$\mathcal{O}(5; \{4^{50}, 2^5\})$	590295810358705651712
4	$\mathcal{O}(5; \{4^{52}, 2^2\})$	2361183241434822606848
4	$\mathcal{O}(4; \{2^{84}\})$	65280
4	$\mathcal{O}(4; \{4^2, 2^{81}\})$	131072
4	$\mathcal{O}(4; \{4^4, 2^{78}\})$	524288
4	$\mathcal{O}(4; \{4^6, 2^{75}\})$	2097152
4	$\mathcal{O}(4; \{4^8, 2^{72}\})$	8388608
4	$\mathcal{O}(4; \{4^{10}, 2^{69}\})$	33554432
4	$\mathcal{O}(4; \{4^{12}, 2^{66}\})$	134217728
4	$\mathcal{O}(4; \{4^{14}, 2^{63}\})$	536870912
4	$\mathcal{O}(4; \{4^{16}, 2^{60}\})$	2147483648
4	$\mathcal{O}(4; \{4^{18}, 2^{57}\})$	8589934592
4	$\mathcal{O}(4; \{4^{20}, 2^{54}\})$	34359738368
4	$\mathcal{O}(4; \{4^{22}, 2^{51}\})$	137438953472
4	$\mathcal{O}(4; \{4^{24}, 2^{48}\})$	549755813888
4	$\mathcal{O}(4; \{4^{26}, 2^{45}\})$	2199023255552
4	$\mathcal{O}(4; \{4^{28}, 2^{42}\})$	8796093022208
4	$\mathcal{O}(4; \{4^{30}, 2^{39}\})$	35184372088832
4	$\mathcal{O}(4; \{4^{32}, 2^{36}\})$	140737488355328
4	$\mathcal{O}(4; \{4^{34}, 2^{33}\})$	562949953421312
4	$\mathcal{O}(4; \{4^{36}, 2^{30}\})$	2251799813685248
4	$\mathcal{O}(4; \{4^{38}, 2^{27}\})$	9007199254740992
4	$\mathcal{O}(4; \{4^{40}, 2^{24}\})$	36028797018963968
4	$\mathcal{O}(4; \{4^{42}, 2^{21}\})$	144115188075855872
4	$\mathcal{O}(4; \{4^{44}, 2^{18}\})$	576460752303423488
4	$\mathcal{O}(4; \{4^{46}, 2^{15}\})$	2305843009213693952
4	$\mathcal{O}(4; \{4^{48}, 2^{12}\})$	9223372036854775808
4	$\mathcal{O}(4; \{4^{50}, 2^9\})$	36893488147419103232
4	$\mathcal{O}(4; \{4^{52}, 2^6\})$	147573952589676412928
4	$\mathcal{O}(4; \{4^{54}, 2^3\})$	590295810358705651712

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(4; \{4^{56}\})$	2361183241434822606848
4	$\mathcal{O}(3; \{2^{88}\})$	4032
4	$\mathcal{O}(3; \{4^2, 2^{85}\})$	8192
4	$\mathcal{O}(3; \{4^4, 2^{82}\})$	32768
4	$\mathcal{O}(3; \{4^6, 2^{79}\})$	131072
4	$\mathcal{O}(3; \{4^8, 2^{76}\})$	524288
4	$\mathcal{O}(3; \{4^{10}, 2^{73}\})$	2097152
4	$\mathcal{O}(3; \{4^{12}, 2^{70}\})$	8388608
4	$\mathcal{O}(3; \{4^{14}, 2^{67}\})$	33554432
4	$\mathcal{O}(3; \{4^{16}, 2^{64}\})$	134217728
4	$\mathcal{O}(3; \{4^{18}, 2^{61}\})$	536870912
4	$\mathcal{O}(3; \{4^{20}, 2^{58}\})$	2147483648
4	$\mathcal{O}(3; \{4^{22}, 2^{55}\})$	8589934592
4	$\mathcal{O}(3; \{4^{24}, 2^{52}\})$	34359738368
4	$\mathcal{O}(3; \{4^{26}, 2^{49}\})$	137438953472
4	$\mathcal{O}(3; \{4^{28}, 2^{46}\})$	549755813888
4	$\mathcal{O}(3; \{4^{30}, 2^{43}\})$	2199023255552
4	$\mathcal{O}(3; \{4^{32}, 2^{40}\})$	8796093022208
4	$\mathcal{O}(3; \{4^{34}, 2^{37}\})$	35184372088832
4	$\mathcal{O}(3; \{4^{36}, 2^{34}\})$	140737488355328
4	$\mathcal{O}(3; \{4^{38}, 2^{31}\})$	562949953421312
4	$\mathcal{O}(3; \{4^{40}, 2^{28}\})$	2251799813685248
4	$\mathcal{O}(3; \{4^{42}, 2^{25}\})$	9007199254740992
4	$\mathcal{O}(3; \{4^{44}, 2^{22}\})$	36028797018963968
4	$\mathcal{O}(3; \{4^{46}, 2^{19}\})$	144115188075855872
4	$\mathcal{O}(3; \{4^{48}, 2^{16}\})$	576460752303423488
4	$\mathcal{O}(3; \{4^{50}, 2^{13}\})$	2305843009213693952
4	$\mathcal{O}(3; \{4^{52}, 2^{10}\})$	9223372036854775808
4	$\mathcal{O}(3; \{4^{54}, 2^7\})$	36893488147419103232
4	$\mathcal{O}(3; \{4^{56}, 2^4\})$	147573952589676412928
4	$\mathcal{O}(3; \{4^{58}, 2\})$	590295810358705651712
4	$\mathcal{O}(2; \{2^{92}\})$	240
4	$\mathcal{O}(2; \{4^2, 2^{89}\})$	512
4	$\mathcal{O}(2; \{4^4, 2^{86}\})$	2048
4	$\mathcal{O}(2; \{4^6, 2^{83}\})$	8192
4	$\mathcal{O}(2; \{4^8, 2^{80}\})$	32768
4	$\mathcal{O}(2; \{4^{10}, 2^{77}\})$	131072
4	$\mathcal{O}(2; \{4^{12}, 2^{74}\})$	524288
4	$\mathcal{O}(2; \{4^{14}, 2^{71}\})$	2097152
4	$\mathcal{O}(2; \{4^{16}, 2^{68}\})$	8388608
4	$\mathcal{O}(2; \{4^{18}, 2^{65}\})$	33554432
4	$\mathcal{O}(2; \{4^{20}, 2^{62}\})$	134217728
4	$\mathcal{O}(2; \{4^{22}, 2^{59}\})$	536870912

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(2; \{4^{24}, 2^{56}\})$	2147483648
4	$\mathcal{O}(2; \{4^{26}, 2^{53}\})$	8589934592
4	$\mathcal{O}(2; \{4^{28}, 2^{50}\})$	34359738368
4	$\mathcal{O}(2; \{4^{30}, 2^{47}\})$	137438953472
4	$\mathcal{O}(2; \{4^{32}, 2^{44}\})$	549755813888
4	$\mathcal{O}(2; \{4^{34}, 2^{41}\})$	2199023255552
4	$\mathcal{O}(2; \{4^{36}, 2^{38}\})$	8796093022208
4	$\mathcal{O}(2; \{4^{38}, 2^{35}\})$	35184372088832
4	$\mathcal{O}(2; \{4^{40}, 2^{32}\})$	140737488355328
4	$\mathcal{O}(2; \{4^{42}, 2^{29}\})$	562949953421312
4	$\mathcal{O}(2; \{4^{44}, 2^{26}\})$	2251799813685248
4	$\mathcal{O}(2; \{4^{46}, 2^{23}\})$	9007199254740992
4	$\mathcal{O}(2; \{4^{48}, 2^{20}\})$	36028797018963968
4	$\mathcal{O}(2; \{4^{50}, 2^{17}\})$	144115188075855872
4	$\mathcal{O}(2; \{4^{52}, 2^{14}\})$	576460752303423488
4	$\mathcal{O}(2; \{4^{54}, 2^{11}\})$	2305843009213693952
4	$\mathcal{O}(2; \{4^{56}, 2^8\})$	9223372036854775808
4	$\mathcal{O}(2; \{4^{58}, 2^5\})$	36893488147419103232
4	$\mathcal{O}(2; \{4^{60}, 2^2\})$	147573952589676412928
4	$\mathcal{O}(1; \{2^{96}\})$	12
4	$\mathcal{O}(1; \{4^2, 2^{93}\})$	32
4	$\mathcal{O}(1; \{4^4, 2^{90}\})$	128
4	$\mathcal{O}(1; \{4^6, 2^{87}\})$	512
4	$\mathcal{O}(1; \{4^8, 2^{84}\})$	2048
4	$\mathcal{O}(1; \{4^{10}, 2^{81}\})$	8192
4	$\mathcal{O}(1; \{4^{12}, 2^{78}\})$	32768
4	$\mathcal{O}(1; \{4^{14}, 2^{75}\})$	131072
4	$\mathcal{O}(1; \{4^{16}, 2^{72}\})$	524288
4	$\mathcal{O}(1; \{4^{18}, 2^{69}\})$	2097152
4	$\mathcal{O}(1; \{4^{20}, 2^{66}\})$	8388608
4	$\mathcal{O}(1; \{4^{22}, 2^{63}\})$	33554432
4	$\mathcal{O}(1; \{4^{24}, 2^{60}\})$	134217728
4	$\mathcal{O}(1; \{4^{26}, 2^{57}\})$	536870912
4	$\mathcal{O}(1; \{4^{28}, 2^{54}\})$	2147483648
4	$\mathcal{O}(1; \{4^{30}, 2^{51}\})$	8589934592
4	$\mathcal{O}(1; \{4^{32}, 2^{48}\})$	34359738368
4	$\mathcal{O}(1; \{4^{34}, 2^{45}\})$	137438953472
4	$\mathcal{O}(1; \{4^{36}, 2^{42}\})$	549755813888
4	$\mathcal{O}(1; \{4^{38}, 2^{39}\})$	2199023255552
4	$\mathcal{O}(1; \{4^{40}, 2^{36}\})$	8796093022208
4	$\mathcal{O}(1; \{4^{42}, 2^{33}\})$	35184372088832
4	$\mathcal{O}(1; \{4^{44}, 2^{30}\})$	140737488355328
4	$\mathcal{O}(1; \{4^{46}, 2^{27}\})$	562949953421312

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(1; \{4^{48}, 2^{24}\})$	2251799813685248
4	$\mathcal{O}(1; \{4^{50}, 2^{21}\})$	9007199254740992
4	$\mathcal{O}(1; \{4^{52}, 2^{18}\})$	36028797018963968
4	$\mathcal{O}(1; \{4^{54}, 2^{15}\})$	144115188075855872
4	$\mathcal{O}(1; \{4^{56}, 2^{12}\})$	576460752303423488
4	$\mathcal{O}(1; \{4^{58}, 2^9\})$	2305843009213693952
4	$\mathcal{O}(1; \{4^{60}, 2^6\})$	9223372036854775808
4	$\mathcal{O}(1; \{4^{62}, 2^3\})$	36893488147419103232
4	$\mathcal{O}(1; \{4^{64}\})$	147573952589676412928
4	$\mathcal{O}(0; \{4^2, 2^{97}\})$	2
4	$\mathcal{O}(0; \{4^4, 2^{94}\})$	8
4	$\mathcal{O}(0; \{4^6, 2^{91}\})$	32
4	$\mathcal{O}(0; \{4^8, 2^{88}\})$	128
4	$\mathcal{O}(0; \{4^{10}, 2^{85}\})$	512
4	$\mathcal{O}(0; \{4^{12}, 2^{82}\})$	2048
4	$\mathcal{O}(0; \{4^{14}, 2^{79}\})$	8192
4	$\mathcal{O}(0; \{4^{16}, 2^{76}\})$	32768
4	$\mathcal{O}(0; \{4^{18}, 2^{73}\})$	131072
4	$\mathcal{O}(0; \{4^{20}, 2^{70}\})$	524288
4	$\mathcal{O}(0; \{4^{22}, 2^{67}\})$	2097152
4	$\mathcal{O}(0; \{4^{24}, 2^{64}\})$	8388608
4	$\mathcal{O}(0; \{4^{26}, 2^{61}\})$	33554432
4	$\mathcal{O}(0; \{4^{28}, 2^{58}\})$	134217728
4	$\mathcal{O}(0; \{4^{30}, 2^{55}\})$	536870912
4	$\mathcal{O}(0; \{4^{32}, 2^{52}\})$	2147483648
4	$\mathcal{O}(0; \{4^{34}, 2^{49}\})$	8589934592
4	$\mathcal{O}(0; \{4^{36}, 2^{46}\})$	34359738368
4	$\mathcal{O}(0; \{4^{38}, 2^{43}\})$	137438953472
4	$\mathcal{O}(0; \{4^{40}, 2^{40}\})$	549755813888
4	$\mathcal{O}(0; \{4^{42}, 2^{37}\})$	2199023255552
4	$\mathcal{O}(0; \{4^{44}, 2^{34}\})$	8796093022208
4	$\mathcal{O}(0; \{4^{46}, 2^{31}\})$	35184372088832
4	$\mathcal{O}(0; \{4^{48}, 2^{28}\})$	140737488355328
4	$\mathcal{O}(0; \{4^{50}, 2^{25}\})$	562949953421312
4	$\mathcal{O}(0; \{4^{52}, 2^{22}\})$	2251799813685248
4	$\mathcal{O}(0; \{4^{54}, 2^{19}\})$	9007199254740992
4	$\mathcal{O}(0; \{4^{56}, 2^{16}\})$	36028797018963968
4	$\mathcal{O}(0; \{4^{58}, 2^{13}\})$	144115188075855872
4	$\mathcal{O}(0; \{4^{60}, 2^{10}\})$	576460752303423488
4	$\mathcal{O}(0; \{4^{62}, 2^7\})$	2305843009213693952
4	$\mathcal{O}(0; \{4^{64}, 2^4\})$	9223372036854775808
4	$\mathcal{O}(0; \{4^{66}, 2\})$	36893488147419103232
5	$\mathcal{O}(19; \{5^3\})$	4365574568510055541992187500

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
5	$\mathcal{O}(17; \{5^8\})$	7629860192537307739257812500
5	$\mathcal{O}(15; \{5^{13}\})$	12499999254941940307617187500
5	$\mathcal{O}(13; \{5^{18}\})$	20480000001192092895507812500
5	$\mathcal{O}(11; \{5^{23}\})$	33554431999998092651367187500
5	$\mathcal{O}(9; \{5^{28}\})$	54975581388800003051757812500
5	$\mathcal{O}(7; \{5^{33}\})$	90071992547409919995117187500
5	$\mathcal{O}(5; \{5^{38}\})$	147573952589676412928007812500
5	$\mathcal{O}(3; \{5^{43}\})$	241785163922925834941235187500
5	$\mathcal{O}(1; \{5^{48}\})$	396140812571321687967719751700
6	$\mathcal{O}(17; \emptyset)$	286511799941393232958573944
6	$\mathcal{O}(16; \{2^4\})$	7958661109946396589424640
6	$\mathcal{O}(16; \{3^3\})$	15917322216186761391080190
6	$\mathcal{O}(16; \{6, 3, 2\})$	15917322219892801768783872
6	$\mathcal{O}(15; \{2^8\})$	221073919720732284157952
6	$\mathcal{O}(15; \{3^3, 2^4\})$	442147839441466715799552
6	$\mathcal{O}(15; \{3^6\})$	4863626229326528967712794
6	$\mathcal{O}(15; \{6, 3, 2^5\})$	442147839441466715799552
6	$\mathcal{O}(15; \{6, 3^4, 2\})$	2210739197207333578997760
6	$\mathcal{O}(15; \{6^2, 3^2, 2^2\})$	1326443518324400147398656
6	$\mathcal{O}(15; \{6^3, 2^3\})$	442147839441466715799552
6	$\mathcal{O}(15; \{6^4, 3\})$	2210739197207333578997760
6	$\mathcal{O}(14; \{2^{12}\})$	6140942214464547061760
6	$\mathcal{O}(14; \{3^3, 2^8\})$	12281884428929630994432
6	$\mathcal{O}(14; \{3^6, 2^4\})$	135100728718225940938752
6	$\mathcal{O}(14; \{3^9\})$	1043960172569963917183350
6	$\mathcal{O}(14; \{6, 3, 2^9\})$	12281884428929630994432
6	$\mathcal{O}(14; \{6, 3^4, 2^5\})$	61409422144648154972160
6	$\mathcal{O}(14; \{6, 3^7, 2\})$	528121030443974132760576
6	$\mathcal{O}(14; \{6^2, 3^2, 2^6\})$	36845653286788892983296
6	$\mathcal{O}(14; \{6^2, 3^5, 2^2\})$	257919573007522250883072
6	$\mathcal{O}(14; \{6^3, 2^7\})$	12281884428929630994432
6	$\mathcal{O}(14; \{6^3, 3^3, 2^3\})$	135100728718225940938752
6	$\mathcal{O}(14; \{6^4, 3, 2^4\})$	61409422144648154972160
6	$\mathcal{O}(14; \{6^4, 3^4\})$	528121030443974132760576
6	$\mathcal{O}(14; \{6^5, 3^2, 2\})$	257919573007522250883072
6	$\mathcal{O}(14; \{6^6, 2^2\})$	135100728718225940938752
6	$\mathcal{O}(13; \{2^{16}\})$	170581728179511099392
6	$\mathcal{O}(13; \{3^3, 2^{12}\})$	341163456359156416512
6	$\mathcal{O}(13; \{3^6, 2^8\})$	3752798019950720581632
6	$\mathcal{O}(13; \{3^9, 2^4\})$	28998893790528295403520
6	$\mathcal{O}(13; \{3^{12}\})$	233014637221115110980282
6	$\mathcal{O}(13; \{6, 3, 2^{13}\})$	341163456359156416512
6	$\mathcal{O}(13; \{6, 3^4, 2^9\})$	1705817281795782082560

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(13; \{6, 3^7, 2^5\})$	14670028623443725910016
6	$\mathcal{O}(13; \{6, 3^{10}, 2\})$	116336738618472338030592
6	$\mathcal{O}(13; \{6^2, 3^2, 2^{10}\})$	1023490369077469249536
6	$\mathcal{O}(13; \{6^2, 3^5, 2^6\})$	7164432583542284746752
6	$\mathcal{O}(13; \{6^2, 3^8, 2^2\})$	58338951037415747223552
6	$\mathcal{O}(13; \{6^3, 2^{11}\})$	341163456359156416512
6	$\mathcal{O}(13; \{6^3, 3^3, 2^7\})$	3752798019950720581632
6	$\mathcal{O}(13; \{6^3, 3^6, 2^3\})$	28998893790528295403520
6	$\mathcal{O}(13; \{6^4, 3, 2^8\})$	1705817281795782082560
6	$\mathcal{O}(13; \{6^4, 3^4, 2^4\})$	14670028623443725910016
6	$\mathcal{O}(13; \{6^4, 3^7\})$	116336738618472338030592
6	$\mathcal{O}(13; \{6^5, 3^2, 2^5\})$	7164432583542284746752
6	$\mathcal{O}(13; \{6^5, 3^5, 2\})$	58338951037415747223552
6	$\mathcal{O}(13; \{6^6, 2^6\})$	3752798019950720581632
6	$\mathcal{O}(13; \{6^6, 3^3, 2^2\})$	28998893790528295403520
6	$\mathcal{O}(13; \{6^7, 3, 2^3\})$	14670028623443725910016
6	$\mathcal{O}(13; \{6^8, 3^2\})$	58338951037415747223552
6	$\mathcal{O}(13; \{6^9, 2\})$	28998893790528295403520
6	$\mathcal{O}(12; \{2^{20}\})$	4738381338304839680
6	$\mathcal{O}(12; \{3^3, 2^{16}\})$	9476762676643233792
6	$\mathcal{O}(12; \{3^6, 2^{12}\})$	104244389443075571712
6	$\mathcal{O}(12; \{3^9, 2^8\})$	805524827514674872320
6	$\mathcal{O}(12; \{3^{12}, 2^4\})$	6472628908147328679936
6	$\mathcal{O}(12; \{3^{15}\})$	51752597892453302292630
6	$\mathcal{O}(12; \{6, 3, 2^{17}\})$	9476762676643233792
6	$\mathcal{O}(12; \{6, 3^4, 2^{13}\})$	47383813383216168960
6	$\mathcal{O}(12; \{6, 3^7, 2^9\})$	407500795095659053056
6	$\mathcal{O}(12; \{6, 3^{10}, 2^5\})$	3231576072735342723072
6	$\mathcal{O}(12; \{6, 3^{13}, 2\})$	25881038869912671485952
6	$\mathcal{O}(12; \{6^2, 3^2, 2^{14}\})$	28430288029929701376
6	$\mathcal{O}(12; \{6^2, 3^5, 2^{10}\})$	199012016209507909632
6	$\mathcal{O}(12; \{6^2, 3^8, 2^6\})$	1620526417705992978432
6	$\mathcal{O}(12; \{6^2, 3^{11}, 2^2\})$	12935781053618014126080
6	$\mathcal{O}(12; \{6^3, 2^{15}\})$	9476762676643233792
6	$\mathcal{O}(12; \{6^3, 3^3, 2^{11}\})$	104244389443075571712
6	$\mathcal{O}(12; \{6^3, 3^6, 2^7\})$	805524827514674872320
6	$\mathcal{O}(12; \{6^3, 3^9, 2^3\})$	6472628908147328679936
6	$\mathcal{O}(12; \{6^4, 3, 2^{12}\})$	47383813383216168960
6	$\mathcal{O}(12; \{6^4, 3^4, 2^8\})$	407500795095659053056
6	$\mathcal{O}(12; \{6^4, 3^7, 2^4\})$	3231576072735342723072
6	$\mathcal{O}(12; \{6^4, 3^{10}\})$	25881038869912671485952
6	$\mathcal{O}(12; \{6^5, 3^2, 2^9\})$	199012016209507909632
6	$\mathcal{O}(12; \{6^5, 3^5, 2^5\})$	1620526417705992978432

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(12; \{6^5, 3^8, 2\})$	12935781053618014126080
6	$\mathcal{O}(12; \{6^6, 2^{10}\})$	104244389443075571712
6	$\mathcal{O}(12; \{6^6, 3^3, 2^6\})$	805524827514674872320
6	$\mathcal{O}(12; \{6^6, 3^6, 2^2\})$	6472628908147328679936
6	$\mathcal{O}(12; \{6^7, 3, 2^7\})$	407500795095659053056
6	$\mathcal{O}(12; \{6^7, 3^4, 2^3\})$	3231576072735342723072
6	$\mathcal{O}(12; \{6^8, 3^2, 2^4\})$	1620526417705992978432
6	$\mathcal{O}(12; \{6^8, 3^5\})$	12935781053618014126080
6	$\mathcal{O}(12; \{6^9, 2^5\})$	805524827514674872320
6	$\mathcal{O}(12; \{6^9, 3^3, 2\})$	6472628908147328679936
6	$\mathcal{O}(12; \{6^{10}, 3, 2^2\})$	3231576072735342723072
6	$\mathcal{O}(12; \{6^{12}\})$	6472628908147328679936
6	$\mathcal{O}(11; \{2^{24}\})$	131621703838072832
6	$\mathcal{O}(11; \{3^3, 2^{20}\})$	263243407684534272
6	$\mathcal{O}(11; \{3^6, 2^{16}\})$	2895677484529876992
6	$\mathcal{O}(11; \{3^9, 2^{12}\})$	22375689653185413120
6	$\mathcal{O}(11; \{3^{12}, 2^8\})$	179795247448536907776
6	$\mathcal{O}(11; \{3^{15}, 2^4\})$	1437572249365241659392
6	$\mathcal{O}(11; \{3^{18}\})$	11501364983005236124314
6	$\mathcal{O}(11; \{6, 3, 2^{21}\})$	263243407684534272
6	$\mathcal{O}(11; \{6, 3^4, 2^{17}\})$	1316217038422671360
6	$\mathcal{O}(11; \{6, 3^7, 2^{13}\})$	11319466530434973696
6	$\mathcal{O}(11; \{6, 3^{10}, 2^9\})$	89766002020426186752
6	$\mathcal{O}(11; \{6, 3^{13}, 2^5\})$	718917746386463096832
6	$\mathcal{O}(11; \{6, 3^{16}, 2\})$	5750552240868651171840
6	$\mathcal{O}(11; \{6^2, 3^2, 2^{18}\})$	789730223053602816
6	$\mathcal{O}(11; \{6^2, 3^5, 2^{14}\})$	5528111561375219712
6	$\mathcal{O}(11; \{6^2, 3^8, 2^{10}\})$	45014622714055360512
6	$\mathcal{O}(11; \{6^2, 3^{11}, 2^6\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^2, 3^{14}, 2^2\})$	2875407742138167853056
6	$\mathcal{O}(11; \{6^3, 2^{19}\})$	263243407684534272
6	$\mathcal{O}(11; \{6^3, 3^3, 2^{15}\})$	2895677484529876992
6	$\mathcal{O}(11; \{6^3, 3^6, 2^{11}\})$	22375689653185413120
6	$\mathcal{O}(11; \{6^3, 3^9, 2^7\})$	179795247448536907776
6	$\mathcal{O}(11; \{6^3, 3^{12}, 2^3\})$	1437572249365241659392
6	$\mathcal{O}(11; \{6^4, 3, 2^{16}\})$	1316217038422671360
6	$\mathcal{O}(11; \{6^4, 3^4, 2^{12}\})$	11319466530434973696
6	$\mathcal{O}(11; \{6^4, 3^7, 2^8\})$	89766002020426186752
6	$\mathcal{O}(11; \{6^4, 3^{10}, 2^4\})$	718917746386463096832
6	$\mathcal{O}(11; \{6^4, 3^{13}\})$	5750552240868651171840
6	$\mathcal{O}(11; \{6^5, 3^2, 2^{13}\})$	5528111561375219712
6	$\mathcal{O}(11; \{6^5, 3^5, 2^9\})$	45014622714055360512
6	$\mathcal{O}(11; \{6^5, 3^8, 2^5\})$	359327251489389281280

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(11; \{6^5, 3^{11}, 2\})$	2875407742138167853056
6	$\mathcal{O}(11; \{6^6, 2^{14}\})$	2895677484529876992
6	$\mathcal{O}(11; \{6^6, 3^3, 2^{10}\})$	22375689653185413120
6	$\mathcal{O}(11; \{6^6, 3^6, 2^6\})$	179795247448536907776
6	$\mathcal{O}(11; \{6^6, 3^9, 2^2\})$	1437572249365241659392
6	$\mathcal{O}(11; \{6^7, 3, 2^{11}\})$	11319466530434973696
6	$\mathcal{O}(11; \{6^7, 3^4, 2^7\})$	89766002020426186752
6	$\mathcal{O}(11; \{6^7, 3^7, 2^3\})$	718917746386463096832
6	$\mathcal{O}(11; \{6^8, 3^2, 2^8\})$	45014622714055360512
6	$\mathcal{O}(11; \{6^8, 3^5, 2^4\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^8, 3^8\})$	2875407742138167853056
6	$\mathcal{O}(11; \{6^9, 2^9\})$	22375689653185413120
6	$\mathcal{O}(11; \{6^9, 3^3, 2^5\})$	179795247448536907776
6	$\mathcal{O}(11; \{6^9, 3^6, 2\})$	1437572249365241659392
6	$\mathcal{O}(11; \{6^{10}, 3, 2^6\})$	89766002020426186752
6	$\mathcal{O}(11; \{6^{10}, 3^4, 2^2\})$	718917746386463096832
6	$\mathcal{O}(11; \{6^{11}, 3^2, 2^3\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^{12}, 2^4\})$	179795247448536907776
6	$\mathcal{O}(11; \{6^{12}, 3^3\})$	1437572249365241659392
6	$\mathcal{O}(11; \{6^{13}, 3, 2\})$	718917746386463096832
6	$\mathcal{O}(10; \{2^{28}\})$	3656158439014400
6	$\mathcal{O}(10; \{3^3, 2^{24}\})$	7312316880125952
6	$\mathcal{O}(10; \{3^6, 2^{20}\})$	80435485681385472
6	$\mathcal{O}(10; \{3^9, 2^{16}\})$	621546934810705920
6	$\mathcal{O}(10; \{3^{12}, 2^{12}\})$	4994312429126025216
6	$\mathcal{O}(10; \{3^{15}, 2^8\})$	39932562482367823872
6	$\mathcal{O}(10; \{3^{18}, 2^4\})$	319482436809582968832
6	$\mathcal{O}(10; \{3^{21}\})$	2555835120089387853750
6	$\mathcal{O}(10; \{6, 3, 2^{25}\})$	7312316880125952
6	$\mathcal{O}(10; \{6, 3^4, 2^{21}\})$	36561584400629760
6	$\mathcal{O}(10; \{6, 3^7, 2^{17}\})$	314429625845415936
6	$\mathcal{O}(10; \{6, 3^{10}, 2^{13}\})$	2493500056122949632
6	$\mathcal{O}(10; \{6, 3^{13}, 2^9\})$	19969937399623974912
6	$\mathcal{O}(10; \{6, 3^{16}, 2^5\})$	159737562246351421440
6	$\mathcal{O}(10; \{6, 3^{19}, 2\})$	1277922434921451749376
6	$\mathcal{O}(10; \{6^2, 3^2, 2^{22}\})$	21936950640377856
6	$\mathcal{O}(10; \{6^2, 3^5, 2^{18}\})$	153558654482644992
6	$\mathcal{O}(10; \{6^2, 3^8, 2^{14}\})$	1250406186501537792
6	$\mathcal{O}(10; \{6^2, 3^{11}, 2^{10}\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^2, 3^{14}, 2^6\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^2, 3^{17}, 2^2\})$	638957561302285811712
6	$\mathcal{O}(10; \{6^3, 2^{23}\})$	7312316880125952
6	$\mathcal{O}(10; \{6^3, 3^3, 2^{19}\})$	80435485681385472

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(10; \{6^3, 3^6, 2^{15}\})$	621546934810705920
6	$\mathcal{O}(10; \{6^3, 3^9, 2^{11}\})$	4994312429126025216
6	$\mathcal{O}(10; \{6^3, 3^{12}, 2^7\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^3, 3^{15}, 2^3\})$	319482436809582968832
6	$\mathcal{O}(10; \{6^4, 3, 2^{20}\})$	36561584400629760
6	$\mathcal{O}(10; \{6^4, 3^4, 2^{16}\})$	314429625845415936
6	$\mathcal{O}(10; \{6^4, 3^7, 2^{12}\})$	2493500056122949632
6	$\mathcal{O}(10; \{6^4, 3^{10}, 2^8\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^4, 3^{13}, 2^4\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^4, 3^{16}\})$	1277922434921451749376
6	$\mathcal{O}(10; \{6^5, 3^2, 2^{17}\})$	153558654482644992
6	$\mathcal{O}(10; \{6^5, 3^5, 2^{13}\})$	1250406186501537792
6	$\mathcal{O}(10; \{6^5, 3^8, 2^9\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^5, 3^{11}, 2^5\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^5, 3^{14}, 2\})$	638957561302285811712
6	$\mathcal{O}(10; \{6^6, 2^{18}\})$	80435485681385472
6	$\mathcal{O}(10; \{6^6, 3^3, 2^{14}\})$	621546934810705920
6	$\mathcal{O}(10; \{6^6, 3^6, 2^{10}\})$	4994312429126025216
6	$\mathcal{O}(10; \{6^6, 3^9, 2^6\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^6, 3^{12}, 2^2\})$	319482436809582968832
6	$\mathcal{O}(10; \{6^7, 3, 2^{15}\})$	314429625845415936
6	$\mathcal{O}(10; \{6^7, 3^4, 2^{11}\})$	2493500056122949632
6	$\mathcal{O}(10; \{6^7, 3^7, 2^7\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^7, 3^{10}, 2^3\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^8, 3^2, 2^{12}\})$	1250406186501537792
6	$\mathcal{O}(10; \{6^8, 3^5, 2^8\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^8, 3^8, 2^4\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^8, 3^{11}\})$	638957561302285811712
6	$\mathcal{O}(10; \{6^9, 2^{13}\})$	621546934810705920
6	$\mathcal{O}(10; \{6^9, 3^3, 2^9\})$	4994312429126025216
6	$\mathcal{O}(10; \{6^9, 3^6, 2^5\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^9, 3^9, 2\})$	319482436809582968832
6	$\mathcal{O}(10; \{6^{10}, 3, 2^{10}\})$	2493500056122949632
6	$\mathcal{O}(10; \{6^{10}, 3^4, 2^6\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^{10}, 3^7, 2^2\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^{11}, 3^2, 2^7\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^{11}, 3^5, 2^3\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^{12}, 2^8\})$	4994312429126025216
6	$\mathcal{O}(10; \{6^{12}, 3^3, 2^4\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^{12}, 3^6\})$	319482436809582968832
6	$\mathcal{O}(10; \{6^{13}, 3, 2^5\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^{13}, 3^4, 2\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^{14}, 3^2, 2^2\})$	79872437281615773696

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(10; \{6^{15}, 2^3\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^{16}, 3\})$	159737562246351421440
6	$\mathcal{O}(9; \{2^{32}\})$	101559956406272
6	$\mathcal{O}(9; \{3^3, 2^{28}\})$	203119913336832
6	$\mathcal{O}(9; \{3^6, 2^{24}\})$	2234319046705152
6	$\mathcal{O}(9; \{3^9, 2^{20}\})$	17265192633630720
6	$\mathcal{O}(9; \{3^{12}, 2^{16}\})$	138730900809056256
6	$\mathcal{O}(9; \{3^{15}, 2^{12}\})$	1109237846732439552
6	$\mathcal{O}(9; \{3^{18}, 2^8\})$	8874512133599526912
6	$\mathcal{O}(9; \{3^{21}, 2^4\})$	70995487709056204800
6	$\mathcal{O}(9; \{3^{24}\})$	567962344419522442362
6	$\mathcal{O}(9; \{6, 3, 2^{29}\})$	203119913336832
6	$\mathcal{O}(9; \{6, 3^4, 2^{25}\})$	1015599566684160
6	$\mathcal{O}(9; \{6, 3^7, 2^{21}\})$	8734156273483776
6	$\mathcal{O}(9; \{6, 3^{10}, 2^{17}\})$	69263890447859712
6	$\mathcal{O}(9; \{6, 3^{13}, 2^{13}\})$	554720483322888192
6	$\mathcal{O}(9; \{6, 3^{16}, 2^9\})$	4437154506843095040
6	$\mathcal{O}(9; \{6, 3^{19}, 2^5\})$	35497845414484770816
6	$\mathcal{O}(9; \{6, 3^{22}, 2\})$	283982153956138156032
6	$\mathcal{O}(9; \{6^2, 3^2, 2^{26}\})$	609359740010496
6	$\mathcal{O}(9; \{6^2, 3^5, 2^{22}\})$	4265518180073472
6	$\mathcal{O}(9; \{6^2, 3^8, 2^{18}\})$	34733505180598272
6	$\mathcal{O}(9; \{6^2, 3^{11}, 2^{14}\})$	277258681704775680
6	$\mathcal{O}(9; \{6^2, 3^{14}, 2^{10}\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^2, 3^{17}, 2^6\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^2, 3^{20}, 2^2\})$	141991178538025746432
6	$\mathcal{O}(9; \{6^3, 2^{27}\})$	203119913336832
6	$\mathcal{O}(9; \{6^3, 3^3, 2^{23}\})$	2234319046705152
6	$\mathcal{O}(9; \{6^3, 3^6, 2^{19}\})$	17265192633630720
6	$\mathcal{O}(9; \{6^3, 3^9, 2^{15}\})$	138730900809056256
6	$\mathcal{O}(9; \{6^3, 3^{12}, 2^{11}\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^3, 3^{15}, 2^7\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^3, 3^{18}, 2^3\})$	70995487709056204800
6	$\mathcal{O}(9; \{6^4, 3, 2^{24}\})$	1015599566684160
6	$\mathcal{O}(9; \{6^4, 3^4, 2^{20}\})$	8734156273483776
6	$\mathcal{O}(9; \{6^4, 3^7, 2^{16}\})$	69263890447859712
6	$\mathcal{O}(9; \{6^4, 3^{10}, 2^{12}\})$	554720483322888192
6	$\mathcal{O}(9; \{6^4, 3^{13}, 2^8\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^4, 3^{16}, 2^4\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^4, 3^{19}\})$	283982153956138156032
6	$\mathcal{O}(9; \{6^5, 3^2, 2^{21}\})$	4265518180073472
6	$\mathcal{O}(9; \{6^5, 3^5, 2^{17}\})$	34733505180598272
6	$\mathcal{O}(9; \{6^5, 3^8, 2^{13}\})$	277258681704775680

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(9; \{6^5, 3^{11}, 2^9\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^5, 3^{14}, 2^5\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^5, 3^{17}, 2\})$	141991178538025746432
6	$\mathcal{O}(9; \{6^6, 2^{22}\})$	2234319046705152
6	$\mathcal{O}(9; \{6^6, 3^3, 2^{18}\})$	17265192633630720
6	$\mathcal{O}(9; \{6^6, 3^6, 2^{14}\})$	138730900809056256
6	$\mathcal{O}(9; \{6^6, 3^9, 2^{10}\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^6, 3^{12}, 2^6\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^6, 3^{15}, 2^2\})$	70995487709056204800
6	$\mathcal{O}(9; \{6^7, 3, 2^{19}\})$	8734156273483776
6	$\mathcal{O}(9; \{6^7, 3^4, 2^{15}\})$	69263890447859712
6	$\mathcal{O}(9; \{6^7, 3^7, 2^{11}\})$	554720483322888192
6	$\mathcal{O}(9; \{6^7, 3^{10}, 2^7\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^7, 3^{13}, 2^3\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^8, 3^2, 2^{16}\})$	34733505180598272
6	$\mathcal{O}(9; \{6^8, 3^5, 2^{12}\})$	277258681704775680
6	$\mathcal{O}(9; \{6^8, 3^8, 2^8\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^8, 3^{11}, 2^4\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^8, 3^{14}\})$	141991178538025746432
6	$\mathcal{O}(9; \{6^9, 2^{17}\})$	17265192633630720
6	$\mathcal{O}(9; \{6^9, 3^3, 2^{13}\})$	138730900809056256
6	$\mathcal{O}(9; \{6^9, 3^6, 2^9\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^9, 3^9, 2^5\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^9, 3^{12}, 2\})$	70995487709056204800
6	$\mathcal{O}(9; \{6^{10}, 3, 2^{14}\})$	69263890447859712
6	$\mathcal{O}(9; \{6^{10}, 3^4, 2^{10}\})$	554720483322888192
6	$\mathcal{O}(9; \{6^{10}, 3^7, 2^6\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^{10}, 3^{10}, 2^2\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^{11}, 3^2, 2^{11}\})$	277258681704775680
6	$\mathcal{O}(9; \{6^{11}, 3^5, 2^7\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^{11}, 3^8, 2^3\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^{12}, 2^{12}\})$	138730900809056256
6	$\mathcal{O}(9; \{6^{12}, 3^3, 2^8\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^{12}, 3^6, 2^4\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^{12}, 3^9\})$	70995487709056204800
6	$\mathcal{O}(9; \{6^{13}, 3, 2^9\})$	554720483322888192
6	$\mathcal{O}(9; \{6^{13}, 3^4, 2^5\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^{13}, 3^7, 2\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^{14}, 3^2, 2^6\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^{14}, 3^5, 2^2\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^{15}, 2^7\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^{15}, 3^3, 2^3\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^{16}, 3, 2^4\})$	4437154506843095040

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(9; \{6^{16}, 3^4\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^{17}, 3^2, 2\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^{18}, 2^2\})$	8874512133599526912
6	$\mathcal{O}(8; \{2^{36}\})$	2821109841920
6	$\mathcal{O}(8; \{3^3, 2^{32}\})$	5642219814912
6	$\mathcal{O}(8; \{3^6, 2^{28}\})$	62064417964032
6	$\mathcal{O}(8; \{3^9, 2^{24}\})$	479588684267520
6	$\mathcal{O}(8; \{3^{12}, 2^{20}\})$	3853636133584896
6	$\mathcal{O}(8; \{3^{15}, 2^{16}\})$	30812162409234432
6	$\mathcal{O}(8; \{3^{18}, 2^{12}\})$	246514225933320192
6	$\mathcal{O}(8; \{3^{21}, 2^8\})$	1972096880807116800
6	$\mathcal{O}(8; \{3^{24}, 2^4\})$	15776791973116379136
6	$\mathcal{O}(8; \{3^{27}\})$	126212392980603462870
6	$\mathcal{O}(8; \{6, 3, 2^{33}\})$	5642219814912
6	$\mathcal{O}(8; \{6, 3^4, 2^{29}\})$	28211099074560
6	$\mathcal{O}(8; \{6, 3^7, 2^{25}\})$	242615452041216
6	$\mathcal{O}(8; \{6, 3^{10}, 2^{21}\})$	1923996956884992
6	$\mathcal{O}(8; \{6, 3^{13}, 2^{17}\})$	15408902314524672
6	$\mathcal{O}(8; \{6, 3^{16}, 2^{13}\})$	123254291856752640
6	$\mathcal{O}(8; \{6, 3^{19}, 2^9\})$	986051261513465856
6	$\mathcal{O}(8; \{6, 3^{22}, 2^5\})$	7888393165448282112
6	$\mathcal{O}(8; \{6, 3^{25}, 2\})$	63107162250245701632
6	$\mathcal{O}(8; \{6^2, 3^2, 2^{30}\})$	16926659444736
6	$\mathcal{O}(8; \{6^2, 3^5, 2^{26}\})$	118486616113152
6	$\mathcal{O}(8; \{6^2, 3^8, 2^{22}\})$	964819588349952
6	$\mathcal{O}(8; \{6^2, 3^{11}, 2^{18}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^2, 3^{14}, 2^{14}\})$	61629967038283776
6	$\mathcal{O}(8; \{6^2, 3^{17}, 2^{10}\})$	493022809646825472
6	$\mathcal{O}(8; \{6^2, 3^{20}, 2^6\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^2, 3^{23}, 2^2\})$	31553578304012943360
6	$\mathcal{O}(8; \{6^3, 2^{31}\})$	5642219814912
6	$\mathcal{O}(8; \{6^3, 3^3, 2^{27}\})$	62064417964032
6	$\mathcal{O}(8; \{6^3, 3^6, 2^{23}\})$	479588684267520
6	$\mathcal{O}(8; \{6^3, 3^9, 2^{19}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^3, 3^{12}, 2^{15}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^3, 3^{15}, 2^{11}\})$	246514225933320192
6	$\mathcal{O}(8; \{6^3, 3^{18}, 2^7\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^3, 3^{21}, 2^3\})$	15776791973116379136
6	$\mathcal{O}(8; \{6^4, 3, 2^{28}\})$	28211099074560
6	$\mathcal{O}(8; \{6^4, 3^4, 2^{24}\})$	242615452041216
6	$\mathcal{O}(8; \{6^4, 3^7, 2^{20}\})$	1923996956884992
6	$\mathcal{O}(8; \{6^4, 3^{10}, 2^{16}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^4, 3^{13}, 2^{12}\})$	123254291856752640

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(8; \{6^4, 3^{16}, 2^8\})$	986051261513465856
6	$\mathcal{O}(8; \{6^4, 3^{19}, 2^4\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^4, 3^{22}\})$	63107162250245701632
6	$\mathcal{O}(8; \{6^5, 3^2, 2^{25}\})$	118486616113152
6	$\mathcal{O}(8; \{6^5, 3^5, 2^{21}\})$	964819588349952
6	$\mathcal{O}(8; \{6^5, 3^8, 2^{17}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^5, 3^{11}, 2^{13}\})$	61629967038283776
6	$\mathcal{O}(8; \{6^5, 3^{14}, 2^9\})$	493022809646825472
6	$\mathcal{O}(8; \{6^5, 3^{17}, 2^5\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^5, 3^{20}, 2\})$	31553578304012943360
6	$\mathcal{O}(8; \{6^6, 2^{26}\})$	62064417964032
6	$\mathcal{O}(8; \{6^6, 3^3, 2^{22}\})$	479588684267520
6	$\mathcal{O}(8; \{6^6, 3^6, 2^{18}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^6, 3^9, 2^{14}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^6, 3^{12}, 2^{10}\})$	246514225933320192
6	$\mathcal{O}(8; \{6^6, 3^{15}, 2^6\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^6, 3^{18}, 2^2\})$	15776791973116379136
6	$\mathcal{O}(8; \{6^7, 3, 2^{23}\})$	242615452041216
6	$\mathcal{O}(8; \{6^7, 3^4, 2^{19}\})$	1923996956884992
6	$\mathcal{O}(8; \{6^7, 3^7, 2^{15}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^7, 3^{10}, 2^{11}\})$	123254291856752640
6	$\mathcal{O}(8; \{6^7, 3^{13}, 2^7\})$	986051261513465856
6	$\mathcal{O}(8; \{6^7, 3^{16}, 2^3\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^8, 3^2, 2^{20}\})$	964819588349952
6	$\mathcal{O}(8; \{6^8, 3^5, 2^{16}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^8, 3^8, 2^{12}\})$	61629967038283776
6	$\mathcal{O}(8; \{6^8, 3^{11}, 2^8\})$	493022809646825472
6	$\mathcal{O}(8; \{6^8, 3^{14}, 2^4\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^8, 3^{17}\})$	31553578304012943360
6	$\mathcal{O}(8; \{6^9, 2^{21}\})$	479588684267520
6	$\mathcal{O}(8; \{6^9, 3^3, 2^{17}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^9, 3^6, 2^{13}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^9, 3^9, 2^9\})$	246514225933320192
6	$\mathcal{O}(8; \{6^9, 3^{12}, 2^5\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^9, 3^{15}, 2\})$	15776791973116379136
6	$\mathcal{O}(8; \{6^{10}, 3, 2^{18}\})$	1923996956884992
6	$\mathcal{O}(8; \{6^{10}, 3^4, 2^{14}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^{10}, 3^7, 2^{10}\})$	123254291856752640
6	$\mathcal{O}(8; \{6^{10}, 3^{10}, 2^6\})$	986051261513465856
6	$\mathcal{O}(8; \{6^{10}, 3^{13}, 2^2\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^{11}, 3^2, 2^{15}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^{11}, 3^5, 2^{11}\})$	61629967038283776
6	$\mathcal{O}(8; \{6^{11}, 3^8, 2^7\})$	493022809646825472

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(8; \{6^{11}, 3^{11}, 2^3\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^{12}, 2^{16}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^{12}, 3^3, 2^{12}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^{12}, 3^6, 2^8\})$	246514225933320192
6	$\mathcal{O}(8; \{6^{12}, 3^9, 2^4\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^{12}, 3^{12}\})$	15776791973116379136
6	$\mathcal{O}(8; \{6^{13}, 3, 2^{13}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^{13}, 3^4, 2^9\})$	123254291856752640
6	$\mathcal{O}(8; \{6^{13}, 3^7, 2^5\})$	986051261513465856
6	$\mathcal{O}(8; \{6^{13}, 3^{10}, 2\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^{14}, 3^2, 2^{10}\})$	61629967038283776
6	$\mathcal{O}(8; \{6^{14}, 3^5, 2^6\})$	493022809646825472
6	$\mathcal{O}(8; \{6^{14}, 3^8, 2^2\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^{15}, 2^{11}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^{15}, 3^3, 2^7\})$	246514225933320192
6	$\mathcal{O}(8; \{6^{15}, 3^6, 2^3\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^{16}, 3, 2^8\})$	123254291856752640
6	$\mathcal{O}(8; \{6^{16}, 3^4, 2^4\})$	986051261513465856
6	$\mathcal{O}(8; \{6^{16}, 3^7\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^{17}, 3^2, 2^5\})$	493022809646825472
6	$\mathcal{O}(8; \{6^{17}, 3^5, 2\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^{18}, 2^6\})$	246514225933320192
6	$\mathcal{O}(8; \{6^{18}, 3^3, 2^2\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^{19}, 3, 2^3\})$	986051261513465856
6	$\mathcal{O}(8; \{6^{20}, 3^2\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^{21}, 2\})$	1972096880807116800
6	$\mathcal{O}(7; \{2^{40}\})$	78364147712
6	$\mathcal{O}(7; \{3^3, 2^{36}\})$	156728328192
6	$\mathcal{O}(7; \{3^6, 2^{32}\})$	1724011610112
6	$\mathcal{O}(7; \{3^9, 2^{28}\})$	13321907896320
6	$\mathcal{O}(7; \{3^{12}, 2^{24}\})$	107045448155136
6	$\mathcal{O}(7; \{3^{15}, 2^{20}\})$	855893400256512
6	$\mathcal{O}(7; \{3^{18}, 2^{16}\})$	6847617387036672
6	$\mathcal{O}(7; \{3^{21}, 2^{12}\})$	54780468911308800
6	$\mathcal{O}(7; \{3^{24}, 2^8\})$	438244221475454976
6	$\mathcal{O}(7; \{3^{27}, 2^4\})$	3505953301618655232
6	$\mathcal{O}(7; \{3^{30}\})$	28045914991844972634
6	$\mathcal{O}(7; \{6, 3, 2^{37}\})$	156728328192
6	$\mathcal{O}(7; \{6, 3^4, 2^{33}\})$	783641640960
6	$\mathcal{O}(7; \{6, 3^7, 2^{29}\})$	6739318112256
6	$\mathcal{O}(7; \{6, 3^{10}, 2^{25}\})$	53444359913472
6	$\mathcal{O}(7; \{6, 3^{13}, 2^{21}\})$	428025064292352
6	$\mathcal{O}(7; \{6, 3^{16}, 2^{17}\})$	3423730329354240

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{6, 3^{19}, 2^{13}\})$	27390312819818496
6	$\mathcal{O}(7; \{6, 3^{22}, 2^9\})$	219122032373563392
6	$\mathcal{O}(7; \{6, 3^{25}, 2^5\})$	1752976729173491712
6	$\mathcal{O}(7; \{6, 3^{28}, 2\})$	14023813363202949120
6	$\mathcal{O}(7; \{6^2, 3^2, 2^{34}\})$	470184984576
6	$\mathcal{O}(7; \{6^2, 3^5, 2^{30}\})$	3291294892032
6	$\mathcal{O}(7; \{6^2, 3^8, 2^{26}\})$	26800544120832
6	$\mathcal{O}(7; \{6^2, 3^{11}, 2^{22}\})$	213934167982080
6	$\mathcal{O}(7; \{6^2, 3^{14}, 2^{18}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^2, 3^{17}, 2^{14}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^2, 3^{20}, 2^{10}\})$	109561094550945792
6	$\mathcal{O}(7; \{6^2, 3^{23}, 2^6\})$	876488286222581760
6	$\mathcal{O}(7; \{6^2, 3^{26}, 2^2\})$	7011906759965638656
6	$\mathcal{O}(7; \{6^3, 2^{35}\})$	156728328192
6	$\mathcal{O}(7; \{6^3, 3^3, 2^{31}\})$	1724011610112
6	$\mathcal{O}(7; \{6^3, 3^6, 2^{27}\})$	13321907896320
6	$\mathcal{O}(7; \{6^3, 3^9, 2^{23}\})$	107045448155136
6	$\mathcal{O}(7; \{6^3, 3^{12}, 2^{19}\})$	855893400256512
6	$\mathcal{O}(7; \{6^3, 3^{15}, 2^{15}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^3, 3^{18}, 2^{11}\})$	54780468911308800
6	$\mathcal{O}(7; \{6^3, 3^{21}, 2^7\})$	438244221475454976
6	$\mathcal{O}(7; \{6^3, 3^{24}, 2^3\})$	3505953301618655232
6	$\mathcal{O}(7; \{6^4, 3, 2^{32}\})$	783641640960
6	$\mathcal{O}(7; \{6^4, 3^4, 2^{28}\})$	6739318112256
6	$\mathcal{O}(7; \{6^4, 3^7, 2^{24}\})$	53444359913472
6	$\mathcal{O}(7; \{6^4, 3^{10}, 2^{20}\})$	428025064292352
6	$\mathcal{O}(7; \{6^4, 3^{13}, 2^{16}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^4, 3^{16}, 2^{12}\})$	27390312819818496
6	$\mathcal{O}(7; \{6^4, 3^{19}, 2^8\})$	219122032373563392
6	$\mathcal{O}(7; \{6^4, 3^{22}, 2^4\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^4, 3^{25}\})$	14023813363202949120
6	$\mathcal{O}(7; \{6^5, 3^2, 2^{29}\})$	3291294892032
6	$\mathcal{O}(7; \{6^5, 3^5, 2^{25}\})$	26800544120832
6	$\mathcal{O}(7; \{6^5, 3^8, 2^{21}\})$	213934167982080
6	$\mathcal{O}(7; \{6^5, 3^{11}, 2^{17}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^5, 3^{14}, 2^{13}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^5, 3^{17}, 2^9\})$	109561094550945792
6	$\mathcal{O}(7; \{6^5, 3^{20}, 2^5\})$	876488286222581760
6	$\mathcal{O}(7; \{6^5, 3^{23}, 2\})$	7011906759965638656
6	$\mathcal{O}(7; \{6^6, 2^{30}\})$	1724011610112
6	$\mathcal{O}(7; \{6^6, 3^3, 2^{26}\})$	13321907896320
6	$\mathcal{O}(7; \{6^6, 3^6, 2^{22}\})$	107045448155136
6	$\mathcal{O}(7; \{6^6, 3^9, 2^{18}\})$	855893400256512

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{6^6, 3^{12}, 2^{14}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^6, 3^{15}, 2^{10}\})$	54780468911308800
6	$\mathcal{O}(7; \{6^6, 3^{18}, 2^6\})$	438244221475454976
6	$\mathcal{O}(7; \{6^6, 3^{21}, 2^2\})$	3505953301618655232
6	$\mathcal{O}(7; \{6^7, 3, 2^{27}\})$	6739318112256
6	$\mathcal{O}(7; \{6^7, 3^4, 2^{23}\})$	53444359913472
6	$\mathcal{O}(7; \{6^7, 3^7, 2^{19}\})$	428025064292352
6	$\mathcal{O}(7; \{6^7, 3^{10}, 2^{15}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^7, 3^{13}, 2^{11}\})$	27390312819818496
6	$\mathcal{O}(7; \{6^7, 3^{16}, 2^7\})$	219122032373563392
6	$\mathcal{O}(7; \{6^7, 3^{19}, 2^3\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^8, 3^2, 2^{24}\})$	26800544120832
6	$\mathcal{O}(7; \{6^8, 3^5, 2^{20}\})$	213934167982080
6	$\mathcal{O}(7; \{6^8, 3^8, 2^{16}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^8, 3^{11}, 2^{12}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^8, 3^{14}, 2^8\})$	109561094550945792
6	$\mathcal{O}(7; \{6^8, 3^{17}, 2^4\})$	876488286222581760
6	$\mathcal{O}(7; \{6^8, 3^{20}\})$	7011906759965638656
6	$\mathcal{O}(7; \{6^9, 2^{25}\})$	13321907896320
6	$\mathcal{O}(7; \{6^9, 3^3, 2^{21}\})$	107045448155136
6	$\mathcal{O}(7; \{6^9, 3^6, 2^{17}\})$	855893400256512
6	$\mathcal{O}(7; \{6^9, 3^9, 2^{13}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^9, 3^{12}, 2^9\})$	54780468911308800
6	$\mathcal{O}(7; \{6^9, 3^{15}, 2^5\})$	438244221475454976
6	$\mathcal{O}(7; \{6^9, 3^{18}, 2\})$	3505953301618655232
6	$\mathcal{O}(7; \{6^{10}, 3, 2^{22}\})$	53444359913472
6	$\mathcal{O}(7; \{6^{10}, 3^4, 2^{18}\})$	428025064292352
6	$\mathcal{O}(7; \{6^{10}, 3^7, 2^{14}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^{10}, 3^{10}, 2^{10}\})$	27390312819818496
6	$\mathcal{O}(7; \{6^{10}, 3^{13}, 2^6\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{10}, 3^{16}, 2^2\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^{11}, 3^2, 2^{19}\})$	213934167982080
6	$\mathcal{O}(7; \{6^{11}, 3^5, 2^{15}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^{11}, 3^8, 2^{11}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^{11}, 3^{11}, 2^7\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{11}, 3^{14}, 2^3\})$	876488286222581760
6	$\mathcal{O}(7; \{6^{12}, 2^{20}\})$	107045448155136
6	$\mathcal{O}(7; \{6^{12}, 3^3, 2^{16}\})$	855893400256512
6	$\mathcal{O}(7; \{6^{12}, 3^6, 2^{12}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^{12}, 3^9, 2^8\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{12}, 3^{12}, 2^4\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{12}, 3^{15}\})$	3505953301618655232
6	$\mathcal{O}(7; \{6^{13}, 3, 2^{17}\})$	428025064292352

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{6^{13}, 3^4, 2^{13}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^{13}, 3^7, 2^9\})$	27390312819818496
6	$\mathcal{O}(7; \{6^{13}, 3^{10}, 2^5\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{13}, 3^{13}, 2\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^{14}, 3^2, 2^{14}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^{14}, 3^5, 2^{10}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^{14}, 3^8, 2^6\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{14}, 3^{11}, 2^2\})$	876488286222581760
6	$\mathcal{O}(7; \{6^{15}, 2^{15}\})$	855893400256512
6	$\mathcal{O}(7; \{6^{15}, 3^3, 2^{11}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^{15}, 3^6, 2^7\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{15}, 3^9, 2^3\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{16}, 3, 2^{12}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^{16}, 3^4, 2^8\})$	27390312819818496
6	$\mathcal{O}(7; \{6^{16}, 3^7, 2^4\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{16}, 3^{10}\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^{17}, 3^2, 2^9\})$	13695078045745152
6	$\mathcal{O}(7; \{6^{17}, 3^5, 2^5\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{17}, 3^8, 2\})$	876488286222581760
6	$\mathcal{O}(7; \{6^{18}, 2^{10}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^{18}, 3^3, 2^6\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{18}, 3^6, 2^2\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{19}, 3, 2^7\})$	27390312819818496
6	$\mathcal{O}(7; \{6^{19}, 3^4, 2^3\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{20}, 3^2, 2^4\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{20}, 3^5\})$	876488286222581760
6	$\mathcal{O}(7; \{6^{21}, 2^5\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{21}, 3^3, 2\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{22}, 3, 2^2\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{24}\})$	438244221475454976
6	$\mathcal{O}(6; \{2^{44}\})$	2176778240
6	$\mathcal{O}(6; \{3^3, 2^{40}\})$	4353564672
6	$\mathcal{O}(6; \{3^6, 2^{36}\})$	47889211392
6	$\mathcal{O}(6; \{3^9, 2^{32}\})$	370052997120
6	$\mathcal{O}(6; \{3^{12}, 2^{28}\})$	2973484670976
6	$\mathcal{O}(6; \{3^{15}, 2^{24}\})$	23774816673792
6	$\mathcal{O}(6; \{3^{18}, 2^{20}\})$	190211594084352
6	$\mathcal{O}(6; \{3^{21}, 2^{16}\})$	1521679691980800
6	$\mathcal{O}(6; \{3^{24}, 2^{12}\})$	12173450596540416
6	$\mathcal{O}(6; \{3^{27}, 2^8\})$	97387591711629312
6	$\mathcal{O}(6; \{3^{30}, 2^4\})$	779100746753728512
6	$\mathcal{O}(6; \{3^{33}\})$	6231284279826319350
6	$\mathcal{O}(6; \{6, 3, 2^{41}\})$	4353564672

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{6, 3^4, 2^{37}\})$	21767823360
6	$\mathcal{O}(6; \{6, 3^7, 2^{33}\})$	187203280896
6	$\mathcal{O}(6; \{6, 3^{10}, 2^{29}\})$	1484565553152
6	$\mathcal{O}(6; \{6, 3^{13}, 2^{25}\})$	11889585119232
6	$\mathcal{O}(6; \{6, 3^{16}, 2^{21}\})$	95103620259840
6	$\mathcal{O}(6; \{6, 3^{19}, 2^{17}\})$	760842022772736
6	$\mathcal{O}(6; \{6, 3^{22}, 2^{13}\})$	6086723121487872
6	$\mathcal{O}(6; \{6, 3^{25}, 2^9\})$	48693798032596992
6	$\mathcal{O}(6; \{6, 3^{28}, 2^5\})$	389550371200081920
6	$\mathcal{O}(6; \{6, 3^{31}, 2\})$	3116402982661349376
6	$\mathcal{O}(6; \{6^2, 3^2, 2^{38}\})$	13060694016
6	$\mathcal{O}(6; \{6^2, 3^5, 2^{34}\})$	91424858112
6	$\mathcal{O}(6; \{6^2, 3^8, 2^{30}\})$	744459558912
6	$\mathcal{O}(6; \{6^2, 3^{11}, 2^{26}\})$	5942615777280
6	$\mathcal{O}(6; \{6^2, 3^{14}, 2^{22}\})$	47553986912256
6	$\mathcal{O}(6; \{6^2, 3^{17}, 2^{18}\})$	380418834604032
6	$\mathcal{O}(6; \{6^2, 3^{20}, 2^{14}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^2, 3^{23}, 2^{10}\})$	24346896839516160
6	$\mathcal{O}(6; \{6^2, 3^{26}, 2^6\})$	194775187776823296
6	$\mathcal{O}(6; \{6^2, 3^{29}, 2^2\})$	1558201489153892352
6	$\mathcal{O}(6; \{6^3, 2^{39}\})$	4353564672
6	$\mathcal{O}(6; \{6^3, 3^3, 2^{35}\})$	47889211392
6	$\mathcal{O}(6; \{6^3, 3^6, 2^{31}\})$	370052997120
6	$\mathcal{O}(6; \{6^3, 3^9, 2^{27}\})$	2973484670976
6	$\mathcal{O}(6; \{6^3, 3^{12}, 2^{23}\})$	23774816673792
6	$\mathcal{O}(6; \{6^3, 3^{15}, 2^{19}\})$	190211594084352
6	$\mathcal{O}(6; \{6^3, 3^{18}, 2^{15}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^3, 3^{21}, 2^{11}\})$	12173450596540416
6	$\mathcal{O}(6; \{6^3, 3^{24}, 2^7\})$	97387591711629312
6	$\mathcal{O}(6; \{6^3, 3^{27}, 2^3\})$	779100746753728512
6	$\mathcal{O}(6; \{6^4, 3, 2^{36}\})$	21767823360
6	$\mathcal{O}(6; \{6^4, 3^4, 2^{32}\})$	187203280896
6	$\mathcal{O}(6; \{6^4, 3^7, 2^{28}\})$	1484565553152
6	$\mathcal{O}(6; \{6^4, 3^{10}, 2^{24}\})$	11889585119232
6	$\mathcal{O}(6; \{6^4, 3^{13}, 2^{20}\})$	95103620259840
6	$\mathcal{O}(6; \{6^4, 3^{16}, 2^{16}\})$	760842022772736
6	$\mathcal{O}(6; \{6^4, 3^{19}, 2^{12}\})$	6086723121487872
6	$\mathcal{O}(6; \{6^4, 3^{22}, 2^8\})$	48693798032596992
6	$\mathcal{O}(6; \{6^4, 3^{25}, 2^4\})$	389550371200081920
6	$\mathcal{O}(6; \{6^4, 3^{28}\})$	3116402982661349376
6	$\mathcal{O}(6; \{6^5, 3^2, 2^{33}\})$	91424858112
6	$\mathcal{O}(6; \{6^5, 3^5, 2^{29}\})$	744459558912
6	$\mathcal{O}(6; \{6^5, 3^8, 2^{25}\})$	5942615777280

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{6^5, 3^{11}, 2^{21}\})$	47553986912256
6	$\mathcal{O}(6; \{6^5, 3^{14}, 2^{17}\})$	380418834604032
6	$\mathcal{O}(6; \{6^5, 3^{17}, 2^{13}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^5, 3^{20}, 2^9\})$	24346896839516160
6	$\mathcal{O}(6; \{6^5, 3^{23}, 2^5\})$	194775187776823296
6	$\mathcal{O}(6; \{6^5, 3^{26}, 2\})$	1558201489153892352
6	$\mathcal{O}(6; \{6^6, 2^{34}\})$	47889211392
6	$\mathcal{O}(6; \{6^6, 3^3, 2^{30}\})$	370052997120
6	$\mathcal{O}(6; \{6^6, 3^6, 2^{26}\})$	2973484670976
6	$\mathcal{O}(6; \{6^6, 3^9, 2^{22}\})$	23774816673792
6	$\mathcal{O}(6; \{6^6, 3^{12}, 2^{18}\})$	190211594084352
6	$\mathcal{O}(6; \{6^6, 3^{15}, 2^{14}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^6, 3^{18}, 2^{10}\})$	12173450596540416
6	$\mathcal{O}(6; \{6^6, 3^{21}, 2^6\})$	97387591711629312
6	$\mathcal{O}(6; \{6^6, 3^{24}, 2^2\})$	779100746753728512
6	$\mathcal{O}(6; \{6^7, 3, 2^{31}\})$	187203280896
6	$\mathcal{O}(6; \{6^7, 3^4, 2^{27}\})$	1484565553152
6	$\mathcal{O}(6; \{6^7, 3^7, 2^{23}\})$	11889585119232
6	$\mathcal{O}(6; \{6^7, 3^{10}, 2^{19}\})$	95103620259840
6	$\mathcal{O}(6; \{6^7, 3^{13}, 2^{15}\})$	760842022772736
6	$\mathcal{O}(6; \{6^7, 3^{16}, 2^{11}\})$	6086723121487872
6	$\mathcal{O}(6; \{6^7, 3^{19}, 2^7\})$	48693798032596992
6	$\mathcal{O}(6; \{6^7, 3^{22}, 2^3\})$	389550371200081920
6	$\mathcal{O}(6; \{6^8, 3^2, 2^{28}\})$	744459558912
6	$\mathcal{O}(6; \{6^8, 3^5, 2^{24}\})$	5942615777280
6	$\mathcal{O}(6; \{6^8, 3^8, 2^{20}\})$	47553986912256
6	$\mathcal{O}(6; \{6^8, 3^{11}, 2^{16}\})$	380418834604032
6	$\mathcal{O}(6; \{6^8, 3^{14}, 2^{12}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^8, 3^{17}, 2^8\})$	24346896839516160
6	$\mathcal{O}(6; \{6^8, 3^{20}, 2^4\})$	194775187776823296
6	$\mathcal{O}(6; \{6^8, 3^{23}\})$	1558201489153892352
6	$\mathcal{O}(6; \{6^9, 2^{29}\})$	370052997120
6	$\mathcal{O}(6; \{6^9, 3^3, 2^{25}\})$	2973484670976
6	$\mathcal{O}(6; \{6^9, 3^6, 2^{21}\})$	23774816673792
6	$\mathcal{O}(6; \{6^9, 3^9, 2^{17}\})$	190211594084352
6	$\mathcal{O}(6; \{6^9, 3^{12}, 2^{13}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^9, 3^{15}, 2^9\})$	12173450596540416
6	$\mathcal{O}(6; \{6^9, 3^{18}, 2^5\})$	97387591711629312
6	$\mathcal{O}(6; \{6^9, 3^{21}, 2\})$	779100746753728512
6	$\mathcal{O}(6; \{6^{10}, 3, 2^{26}\})$	1484565553152
6	$\mathcal{O}(6; \{6^{10}, 3^4, 2^{22}\})$	11889585119232
6	$\mathcal{O}(6; \{6^{10}, 3^7, 2^{18}\})$	95103620259840
6	$\mathcal{O}(6; \{6^{10}, 3^{10}, 2^{14}\})$	760842022772736

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{6^{10}, 3^{13}, 2^{10}\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{10}, 3^{16}, 2^6\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{10}, 3^{19}, 2^2\})$	389550371200081920
6	$\mathcal{O}(6; \{6^{11}, 3^2, 2^{23}\})$	5942615777280
6	$\mathcal{O}(6; \{6^{11}, 3^5, 2^{19}\})$	47553986912256
6	$\mathcal{O}(6; \{6^{11}, 3^8, 2^{15}\})$	380418834604032
6	$\mathcal{O}(6; \{6^{11}, 3^{11}, 2^{11}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{11}, 3^{14}, 2^7\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{11}, 3^{17}, 2^3\})$	194775187776823296
6	$\mathcal{O}(6; \{6^{12}, 2^{24}\})$	2973484670976
6	$\mathcal{O}(6; \{6^{12}, 3^3, 2^{20}\})$	23774816673792
6	$\mathcal{O}(6; \{6^{12}, 3^6, 2^{16}\})$	190211594084352
6	$\mathcal{O}(6; \{6^{12}, 3^9, 2^{12}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{12}, 3^{12}, 2^8\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{12}, 3^{15}, 2^4\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{12}, 3^{18}\})$	779100746753728512
6	$\mathcal{O}(6; \{6^{13}, 3, 2^{21}\})$	11889585119232
6	$\mathcal{O}(6; \{6^{13}, 3^4, 2^{17}\})$	95103620259840
6	$\mathcal{O}(6; \{6^{13}, 3^7, 2^{13}\})$	760842022772736
6	$\mathcal{O}(6; \{6^{13}, 3^{10}, 2^9\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{13}, 3^{13}, 2^5\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{13}, 3^{16}, 2\})$	389550371200081920
6	$\mathcal{O}(6; \{6^{14}, 3^2, 2^{18}\})$	47553986912256
6	$\mathcal{O}(6; \{6^{14}, 3^5, 2^{14}\})$	380418834604032
6	$\mathcal{O}(6; \{6^{14}, 3^8, 2^{10}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{14}, 3^{11}, 2^6\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{14}, 3^{14}, 2^2\})$	194775187776823296
6	$\mathcal{O}(6; \{6^{15}, 2^{19}\})$	23774816673792
6	$\mathcal{O}(6; \{6^{15}, 3^3, 2^{15}\})$	190211594084352
6	$\mathcal{O}(6; \{6^{15}, 3^6, 2^{11}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{15}, 3^9, 2^7\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{15}, 3^{12}, 2^3\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{16}, 3, 2^{16}\})$	95103620259840
6	$\mathcal{O}(6; \{6^{16}, 3^4, 2^{12}\})$	760842022772736
6	$\mathcal{O}(6; \{6^{16}, 3^7, 2^8\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{16}, 3^{10}, 2^4\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{16}, 3^{13}\})$	389550371200081920
6	$\mathcal{O}(6; \{6^{17}, 3^2, 2^{13}\})$	380418834604032
6	$\mathcal{O}(6; \{6^{17}, 3^5, 2^9\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{17}, 3^8, 2^5\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{17}, 3^{11}, 2\})$	194775187776823296
6	$\mathcal{O}(6; \{6^{18}, 2^{14}\})$	190211594084352
6	$\mathcal{O}(6; \{6^{18}, 3^3, 2^{10}\})$	1521679691980800

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{6^{18}, 3^6, 2^6\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{18}, 3^9, 2^2\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{19}, 3, 2^{11}\})$	760842022772736
6	$\mathcal{O}(6; \{6^{19}, 3^4, 2^7\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{19}, 3^7, 2^3\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{20}, 3^2, 2^8\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{20}, 3^5, 2^4\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{20}, 3^8\})$	194775187776823296
6	$\mathcal{O}(6; \{6^{21}, 2^9\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{21}, 3^3, 2^5\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{21}, 3^6, 2\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{22}, 3, 2^6\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{22}, 3^4, 2^2\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{23}, 3^2, 2^3\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{24}, 2^4\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{24}, 3^3\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{25}, 3, 2\})$	48693798032596992
6	$\mathcal{O}(5; \{2^{48}\})$	60465152
6	$\mathcal{O}(5; \{3^3, 2^{44}\})$	120932352
6	$\mathcal{O}(5; \{3^6, 2^{40}\})$	1330255872
6	$\mathcal{O}(5; \{3^9, 2^{36}\})$	10279249920
6	$\mathcal{O}(5; \{3^{12}, 2^{32}\})$	82596796416
6	$\mathcal{O}(5; \{3^{15}, 2^{28}\})$	660411574272
6	$\mathcal{O}(5; \{3^{18}, 2^{24}\})$	5283655391232
6	$\mathcal{O}(5; \{3^{21}, 2^{20}\})$	42268880332800
6	$\mathcal{O}(5; \{3^{24}, 2^{16}\})$	338151405459456
6	$\mathcal{O}(5; \{3^{27}, 2^{12}\})$	2705210880878592
6	$\mathcal{O}(5; \{3^{30}, 2^8\})$	21641687409825792
6	$\mathcal{O}(5; \{3^{33}, 2^4\})$	173133498915809280
6	$\mathcal{O}(5; \{3^{36}\})$	1383715386228637242
6	$\mathcal{O}(5; \{6, 3, 2^{45}\})$	120932352
6	$\mathcal{O}(5; \{6, 3^4, 2^{41}\})$	604661760
6	$\mathcal{O}(5; \{6, 3^7, 2^{37}\})$	5200091136
6	$\mathcal{O}(5; \{6, 3^{10}, 2^{33}\})$	41237932032
6	$\mathcal{O}(5; \{6, 3^{13}, 2^{29}\})$	330266253312
6	$\mathcal{O}(5; \{6, 3^{16}, 2^{25}\})$	2641767229440
6	$\mathcal{O}(5; \{6, 3^{19}, 2^{21}\})$	21134500632576
6	$\mathcal{O}(5; \{6, 3^{22}, 2^{17}\})$	169075642263552
6	$\mathcal{O}(5; \{6, 3^{25}, 2^{13}\})$	1352605500905472
6	$\mathcal{O}(5; \{6, 3^{28}, 2^9\})$	10820843644446720
6	$\mathcal{O}(5; \{6, 3^{31}, 2^5\})$	86566749518370816
6	$\mathcal{O}(5; \{6, 3^{34}, 2\})$	692533995784169472
6	$\mathcal{O}(5; \{6^2, 3^2, 2^{42}\})$	362797056

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6^2, 3^5, 2^{38}\})$	2539579392
6	$\mathcal{O}(5; \{6^2, 3^8, 2^{34}\})$	20679432192
6	$\mathcal{O}(5; \{6^2, 3^{11}, 2^{30}\})$	165072660480
6	$\mathcal{O}(5; \{6^2, 3^{14}, 2^{26}\})$	1320944080896
6	$\mathcal{O}(5; \{6^2, 3^{17}, 2^{22}\})$	10567189850112
6	$\mathcal{O}(5; \{6^2, 3^{20}, 2^{18}\})$	84537881597952
6	$\mathcal{O}(5; \{6^2, 3^{23}, 2^{14}\})$	676302689986560
6	$\mathcal{O}(5; \{6^2, 3^{26}, 2^{10}\})$	5410421882689536
6	$\mathcal{O}(5; \{6^2, 3^{29}, 2^6\})$	43283374698719232
6	$\mathcal{O}(5; \{6^2, 3^{32}, 2^2\})$	346266997952550912
6	$\mathcal{O}(5; \{6^3, 2^{43}\})$	120932352
6	$\mathcal{O}(5; \{6^3, 3^3, 2^{39}\})$	1330255872
6	$\mathcal{O}(5; \{6^3, 3^6, 2^{35}\})$	10279249920
6	$\mathcal{O}(5; \{6^3, 3^9, 2^{31}\})$	82596796416
6	$\mathcal{O}(5; \{6^3, 3^{12}, 2^{27}\})$	660411574272
6	$\mathcal{O}(5; \{6^3, 3^{15}, 2^{23}\})$	5283655391232
6	$\mathcal{O}(5; \{6^3, 3^{18}, 2^{19}\})$	42268880332800
6	$\mathcal{O}(5; \{6^3, 3^{21}, 2^{15}\})$	338151405459456
6	$\mathcal{O}(5; \{6^3, 3^{24}, 2^{11}\})$	2705210880878592
6	$\mathcal{O}(5; \{6^3, 3^{27}, 2^7\})$	21641687409825792
6	$\mathcal{O}(5; \{6^3, 3^{30}, 2^3\})$	173133498915809280
6	$\mathcal{O}(5; \{6^4, 3, 2^{40}\})$	604661760
6	$\mathcal{O}(5; \{6^4, 3^4, 2^{36}\})$	5200091136
6	$\mathcal{O}(5; \{6^4, 3^7, 2^{32}\})$	41237932032
6	$\mathcal{O}(5; \{6^4, 3^{10}, 2^{28}\})$	330266253312
6	$\mathcal{O}(5; \{6^4, 3^{13}, 2^{24}\})$	2641767229440
6	$\mathcal{O}(5; \{6^4, 3^{16}, 2^{20}\})$	21134500632576
6	$\mathcal{O}(5; \{6^4, 3^{19}, 2^{16}\})$	169075642263552
6	$\mathcal{O}(5; \{6^4, 3^{22}, 2^{12}\})$	1352605500905472
6	$\mathcal{O}(5; \{6^4, 3^{25}, 2^8\})$	10820843644446720
6	$\mathcal{O}(5; \{6^4, 3^{28}, 2^4\})$	86566749518370816
6	$\mathcal{O}(5; \{6^4, 3^{31}\})$	692533995784169472
6	$\mathcal{O}(5; \{6^5, 3^2, 2^{37}\})$	2539579392
6	$\mathcal{O}(5; \{6^5, 3^5, 2^{33}\})$	20679432192
6	$\mathcal{O}(5; \{6^5, 3^8, 2^{29}\})$	165072660480
6	$\mathcal{O}(5; \{6^5, 3^{11}, 2^{25}\})$	1320944080896
6	$\mathcal{O}(5; \{6^5, 3^{14}, 2^{21}\})$	10567189850112
6	$\mathcal{O}(5; \{6^5, 3^{17}, 2^{17}\})$	84537881597952
6	$\mathcal{O}(5; \{6^5, 3^{20}, 2^{13}\})$	676302689986560
6	$\mathcal{O}(5; \{6^5, 3^{23}, 2^9\})$	5410421882689536
6	$\mathcal{O}(5; \{6^5, 3^{26}, 2^5\})$	43283374698719232
6	$\mathcal{O}(5; \{6^5, 3^{29}, 2\})$	346266997952550912
6	$\mathcal{O}(5; \{6^6, 2^{38}\})$	1330255872

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6^6, 3^3, 2^{34}\})$	10279249920
6	$\mathcal{O}(5; \{6^6, 3^6, 2^{30}\})$	82596796416
6	$\mathcal{O}(5; \{6^6, 3^9, 2^{26}\})$	660411574272
6	$\mathcal{O}(5; \{6^6, 3^{12}, 2^{22}\})$	5283655391232
6	$\mathcal{O}(5; \{6^6, 3^{15}, 2^{18}\})$	42268880332800
6	$\mathcal{O}(5; \{6^6, 3^{18}, 2^{14}\})$	338151405459456
6	$\mathcal{O}(5; \{6^6, 3^{21}, 2^{10}\})$	2705210880878592
6	$\mathcal{O}(5; \{6^6, 3^{24}, 2^6\})$	21641687409825792
6	$\mathcal{O}(5; \{6^6, 3^{27}, 2^2\})$	173133498915809280
6	$\mathcal{O}(5; \{6^7, 3, 2^{35}\})$	5200091136
6	$\mathcal{O}(5; \{6^7, 3^4, 2^{31}\})$	41237932032
6	$\mathcal{O}(5; \{6^7, 3^7, 2^{27}\})$	330266253312
6	$\mathcal{O}(5; \{6^7, 3^{10}, 2^{23}\})$	2641767229440
6	$\mathcal{O}(5; \{6^7, 3^{13}, 2^{19}\})$	21134500632576
6	$\mathcal{O}(5; \{6^7, 3^{16}, 2^{15}\})$	169075642263552
6	$\mathcal{O}(5; \{6^7, 3^{19}, 2^{11}\})$	1352605500905472
6	$\mathcal{O}(5; \{6^7, 3^{22}, 2^7\})$	10820843644446720
6	$\mathcal{O}(5; \{6^7, 3^{25}, 2^3\})$	86566749518370816
6	$\mathcal{O}(5; \{6^8, 3^2, 2^{32}\})$	20679432192
6	$\mathcal{O}(5; \{6^8, 3^5, 2^{28}\})$	165072660480
6	$\mathcal{O}(5; \{6^8, 3^8, 2^{24}\})$	1320944080896
6	$\mathcal{O}(5; \{6^8, 3^{11}, 2^{20}\})$	10567189850112
6	$\mathcal{O}(5; \{6^8, 3^{14}, 2^{16}\})$	84537881597952
6	$\mathcal{O}(5; \{6^8, 3^{17}, 2^{12}\})$	676302689986560
6	$\mathcal{O}(5; \{6^8, 3^{20}, 2^8\})$	5410421882689536
6	$\mathcal{O}(5; \{6^8, 3^{23}, 2^4\})$	43283374698719232
6	$\mathcal{O}(5; \{6^8, 3^{26}\})$	346266997952550912
6	$\mathcal{O}(5; \{6^9, 2^{33}\})$	10279249920
6	$\mathcal{O}(5; \{6^9, 3^3, 2^{29}\})$	82596796416
6	$\mathcal{O}(5; \{6^9, 3^6, 2^{25}\})$	660411574272
6	$\mathcal{O}(5; \{6^9, 3^9, 2^{21}\})$	5283655391232
6	$\mathcal{O}(5; \{6^9, 3^{12}, 2^{17}\})$	42268880332800
6	$\mathcal{O}(5; \{6^9, 3^{15}, 2^{13}\})$	338151405459456
6	$\mathcal{O}(5; \{6^9, 3^{18}, 2^9\})$	2705210880878592
6	$\mathcal{O}(5; \{6^9, 3^{21}, 2^5\})$	21641687409825792
6	$\mathcal{O}(5; \{6^9, 3^{24}, 2\})$	173133498915809280
6	$\mathcal{O}(5; \{6^{10}, 3, 2^{30}\})$	41237932032
6	$\mathcal{O}(5; \{6^{10}, 3^4, 2^{26}\})$	330266253312
6	$\mathcal{O}(5; \{6^{10}, 3^7, 2^{22}\})$	2641767229440
6	$\mathcal{O}(5; \{6^{10}, 3^{10}, 2^{18}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{10}, 3^{13}, 2^{14}\})$	169075642263552
6	$\mathcal{O}(5; \{6^{10}, 3^{16}, 2^{10}\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{10}, 3^{19}, 2^6\})$	10820843644446720

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6^{10}, 3^{22}, 2^2\})$	86566749518370816
6	$\mathcal{O}(5; \{6^{11}, 3^2, 2^{27}\})$	165072660480
6	$\mathcal{O}(5; \{6^{11}, 3^5, 2^{23}\})$	1320944080896
6	$\mathcal{O}(5; \{6^{11}, 3^8, 2^{19}\})$	10567189850112
6	$\mathcal{O}(5; \{6^{11}, 3^{11}, 2^{15}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{11}, 3^{14}, 2^{11}\})$	676302689986560
6	$\mathcal{O}(5; \{6^{11}, 3^{17}, 2^7\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{11}, 3^{20}, 2^3\})$	43283374698719232
6	$\mathcal{O}(5; \{6^{12}, 2^{28}\})$	82596796416
6	$\mathcal{O}(5; \{6^{12}, 3^3, 2^{24}\})$	660411574272
6	$\mathcal{O}(5; \{6^{12}, 3^6, 2^{20}\})$	5283655391232
6	$\mathcal{O}(5; \{6^{12}, 3^9, 2^{16}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{12}, 3^{12}, 2^{12}\})$	338151405459456
6	$\mathcal{O}(5; \{6^{12}, 3^{15}, 2^8\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{12}, 3^{18}, 2^4\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{12}, 3^{21}\})$	173133498915809280
6	$\mathcal{O}(5; \{6^{13}, 3, 2^{25}\})$	330266253312
6	$\mathcal{O}(5; \{6^{13}, 3^4, 2^{21}\})$	2641767229440
6	$\mathcal{O}(5; \{6^{13}, 3^7, 2^{17}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{13}, 3^{10}, 2^{13}\})$	169075642263552
6	$\mathcal{O}(5; \{6^{13}, 3^{13}, 2^9\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{13}, 3^{16}, 2^5\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{13}, 3^{19}, 2\})$	86566749518370816
6	$\mathcal{O}(5; \{6^{14}, 3^2, 2^{22}\})$	1320944080896
6	$\mathcal{O}(5; \{6^{14}, 3^5, 2^{18}\})$	10567189850112
6	$\mathcal{O}(5; \{6^{14}, 3^8, 2^{14}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{14}, 3^{11}, 2^{10}\})$	676302689986560
6	$\mathcal{O}(5; \{6^{14}, 3^{14}, 2^6\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{14}, 3^{17}, 2^2\})$	43283374698719232
6	$\mathcal{O}(5; \{6^{15}, 2^{23}\})$	660411574272
6	$\mathcal{O}(5; \{6^{15}, 3^3, 2^{19}\})$	5283655391232
6	$\mathcal{O}(5; \{6^{15}, 3^6, 2^{15}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{15}, 3^9, 2^{11}\})$	338151405459456
6	$\mathcal{O}(5; \{6^{15}, 3^{12}, 2^7\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{15}, 3^{15}, 2^3\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{16}, 3, 2^{20}\})$	2641767229440
6	$\mathcal{O}(5; \{6^{16}, 3^4, 2^{16}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{16}, 3^7, 2^{12}\})$	169075642263552
6	$\mathcal{O}(5; \{6^{16}, 3^{10}, 2^8\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{16}, 3^{13}, 2^4\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{16}, 3^{16}\})$	86566749518370816
6	$\mathcal{O}(5; \{6^{17}, 3^2, 2^{17}\})$	10567189850112
6	$\mathcal{O}(5; \{6^{17}, 3^5, 2^{13}\})$	84537881597952

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6^{17}, 3^8, 2^9\})$	676302689986560
6	$\mathcal{O}(5; \{6^{17}, 3^{11}, 2^5\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{17}, 3^{14}, 2\})$	43283374698719232
6	$\mathcal{O}(5; \{6^{18}, 2^{18}\})$	5283655391232
6	$\mathcal{O}(5; \{6^{18}, 3^3, 2^{14}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{18}, 3^6, 2^{10}\})$	338151405459456
6	$\mathcal{O}(5; \{6^{18}, 3^9, 2^6\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{18}, 3^{12}, 2^2\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{19}, 3, 2^{15}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{19}, 3^4, 2^{11}\})$	169075642263552
6	$\mathcal{O}(5; \{6^{19}, 3^7, 2^7\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{19}, 3^{10}, 2^3\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{20}, 3^2, 2^{12}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{20}, 3^5, 2^8\})$	676302689986560
6	$\mathcal{O}(5; \{6^{20}, 3^8, 2^4\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{20}, 3^{11}\})$	43283374698719232
6	$\mathcal{O}(5; \{6^{21}, 2^{13}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{21}, 3^3, 2^9\})$	338151405459456
6	$\mathcal{O}(5; \{6^{21}, 3^6, 2^5\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{21}, 3^9, 2\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{22}, 3, 2^{10}\})$	169075642263552
6	$\mathcal{O}(5; \{6^{22}, 3^4, 2^6\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{22}, 3^7, 2^2\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{23}, 3^2, 2^7\})$	676302689986560
6	$\mathcal{O}(5; \{6^{23}, 3^5, 2^3\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{24}, 2^8\})$	338151405459456
6	$\mathcal{O}(5; \{6^{24}, 3^3, 2^4\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{24}, 3^6\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{25}, 3, 2^5\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{25}, 3^4, 2\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{26}, 3^2, 2^2\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{27}, 2^3\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{28}, 3\})$	10820843644446720
6	$\mathcal{O}(4; \{2^{52}\})$	1679360
6	$\mathcal{O}(4; \{3^3, 2^{48}\})$	3359232
6	$\mathcal{O}(4; \{3^6, 2^{44}\})$	36951552
6	$\mathcal{O}(4; \{3^9, 2^{40}\})$	285534720
6	$\mathcal{O}(4; \{3^{12}, 2^{36}\})$	2294355456
6	$\mathcal{O}(4; \{3^{15}, 2^{32}\})$	18344765952
6	$\mathcal{O}(4; \{3^{18}, 2^{28}\})$	146768205312
6	$\mathcal{O}(4; \{3^{21}, 2^{24}\})$	1174135564800
6	$\mathcal{O}(4; \{3^{24}, 2^{20}\})$	9393094596096
6	$\mathcal{O}(4; \{3^{27}, 2^{16}\})$	75144746691072

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{3^{30}, 2^{12}\})$	601157983606272
6	$\mathcal{O}(4; \{3^{33}, 2^8\})$	4809263858772480
6	$\mathcal{O}(4; \{3^{36}, 2^4\})$	38474110880257536
6	$\mathcal{O}(4; \{3^{39}\})$	306590571067013910
6	$\mathcal{O}(4; \{6, 3, 2^{49}\})$	3359232
6	$\mathcal{O}(4; \{6, 3^4, 2^{45}\})$	16796160
6	$\mathcal{O}(4; \{6, 3^7, 2^{41}\})$	144446976
6	$\mathcal{O}(4; \{6, 3^{10}, 2^{37}\})$	1145498112
6	$\mathcal{O}(4; \{6, 3^{13}, 2^{33}\})$	9174062592
6	$\mathcal{O}(4; \{6, 3^{16}, 2^{29}\})$	73382423040
6	$\mathcal{O}(4; \{6, 3^{19}, 2^{25}\})$	587069462016
6	$\mathcal{O}(4; \{6, 3^{22}, 2^{21}\})$	4696545618432
6	$\mathcal{O}(4; \{6, 3^{25}, 2^{17}\})$	37572375025152
6	$\mathcal{O}(4; \{6, 3^{28}, 2^{13}\})$	300578990123520
6	$\mathcal{O}(4; \{6, 3^{31}, 2^9\})$	2404631931065856
6	$\mathcal{O}(4; \{6, 3^{34}, 2^5\})$	19237055438449152
6	$\mathcal{O}(4; \{6, 3^{37}, 2\})$	153896443517670912
6	$\mathcal{O}(4; \{6^2, 3^2, 2^{46}\})$	10077696
6	$\mathcal{O}(4; \{6^2, 3^5, 2^{42}\})$	70543872
6	$\mathcal{O}(4; \{6^2, 3^8, 2^{38}\})$	574428672
6	$\mathcal{O}(4; \{6^2, 3^{11}, 2^{34}\})$	4585351680
6	$\mathcal{O}(4; \{6^2, 3^{14}, 2^{30}\})$	36692891136
6	$\mathcal{O}(4; \{6^2, 3^{17}, 2^{26}\})$	293533051392
6	$\mathcal{O}(4; \{6^2, 3^{20}, 2^{22}\})$	2348274488832
6	$\mathcal{O}(4; \{6^2, 3^{23}, 2^{18}\})$	18786185832960
6	$\mathcal{O}(4; \{6^2, 3^{26}, 2^{14}\})$	150289496741376
6	$\mathcal{O}(4; \{6^2, 3^{29}, 2^{10}\})$	1202315963853312
6	$\mathcal{O}(4; \{6^2, 3^{32}, 2^6\})$	9618527720904192
6	$\mathcal{O}(4; \{6^2, 3^{35}, 2^2\})$	76948221757155840
6	$\mathcal{O}(4; \{6^3, 2^{47}\})$	3359232
6	$\mathcal{O}(4; \{6^3, 3^3, 2^{43}\})$	36951552
6	$\mathcal{O}(4; \{6^3, 3^6, 2^{39}\})$	285534720
6	$\mathcal{O}(4; \{6^3, 3^9, 2^{35}\})$	2294355456
6	$\mathcal{O}(4; \{6^3, 3^{12}, 2^{31}\})$	18344765952
6	$\mathcal{O}(4; \{6^3, 3^{15}, 2^{27}\})$	146768205312
6	$\mathcal{O}(4; \{6^3, 3^{18}, 2^{23}\})$	1174135564800
6	$\mathcal{O}(4; \{6^3, 3^{21}, 2^{19}\})$	9393094596096
6	$\mathcal{O}(4; \{6^3, 3^{24}, 2^{15}\})$	75144746691072
6	$\mathcal{O}(4; \{6^3, 3^{27}, 2^{11}\})$	601157983606272
6	$\mathcal{O}(4; \{6^3, 3^{30}, 2^7\})$	4809263858772480
6	$\mathcal{O}(4; \{6^3, 3^{33}, 2^3\})$	38474110880257536
6	$\mathcal{O}(4; \{6^4, 3, 2^{44}\})$	16796160
6	$\mathcal{O}(4; \{6^4, 3^4, 2^{40}\})$	144446976

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^4, 3^7, 2^{36}\})$	1145498112
6	$\mathcal{O}(4; \{6^4, 3^{10}, 2^{32}\})$	9174062592
6	$\mathcal{O}(4; \{6^4, 3^{13}, 2^{28}\})$	73382423040
6	$\mathcal{O}(4; \{6^4, 3^{16}, 2^{24}\})$	587069462016
6	$\mathcal{O}(4; \{6^4, 3^{19}, 2^{20}\})$	4696545618432
6	$\mathcal{O}(4; \{6^4, 3^{22}, 2^{16}\})$	37572375025152
6	$\mathcal{O}(4; \{6^4, 3^{25}, 2^{12}\})$	300578990123520
6	$\mathcal{O}(4; \{6^4, 3^{28}, 2^8\})$	2404631931065856
6	$\mathcal{O}(4; \{6^4, 3^{31}, 2^4\})$	19237055438449152
6	$\mathcal{O}(4; \{6^4, 3^{34}\})$	153896443517670912
6	$\mathcal{O}(4; \{6^5, 3^2, 2^{41}\})$	70543872
6	$\mathcal{O}(4; \{6^5, 3^5, 2^{37}\})$	574428672
6	$\mathcal{O}(4; \{6^5, 3^8, 2^{33}\})$	4585351680
6	$\mathcal{O}(4; \{6^5, 3^{11}, 2^{29}\})$	36692891136
6	$\mathcal{O}(4; \{6^5, 3^{14}, 2^{25}\})$	293533051392
6	$\mathcal{O}(4; \{6^5, 3^{17}, 2^{21}\})$	2348274488832
6	$\mathcal{O}(4; \{6^5, 3^{20}, 2^{17}\})$	18786185832960
6	$\mathcal{O}(4; \{6^5, 3^{23}, 2^{13}\})$	150289496741376
6	$\mathcal{O}(4; \{6^5, 3^{26}, 2^9\})$	1202315963853312
6	$\mathcal{O}(4; \{6^5, 3^{29}, 2^5\})$	9618527720904192
6	$\mathcal{O}(4; \{6^5, 3^{32}, 2\})$	76948221757155840
6	$\mathcal{O}(4; \{6^6, 2^{42}\})$	36951552
6	$\mathcal{O}(4; \{6^6, 3^3, 2^{38}\})$	285534720
6	$\mathcal{O}(4; \{6^6, 3^6, 2^{34}\})$	2294355456
6	$\mathcal{O}(4; \{6^6, 3^9, 2^{30}\})$	18344765952
6	$\mathcal{O}(4; \{6^6, 3^{12}, 2^{26}\})$	146768205312
6	$\mathcal{O}(4; \{6^6, 3^{15}, 2^{22}\})$	1174135564800
6	$\mathcal{O}(4; \{6^6, 3^{18}, 2^{18}\})$	9393094596096
6	$\mathcal{O}(4; \{6^6, 3^{21}, 2^{14}\})$	75144746691072
6	$\mathcal{O}(4; \{6^6, 3^{24}, 2^{10}\})$	601157983606272
6	$\mathcal{O}(4; \{6^6, 3^{27}, 2^6\})$	4809263858772480
6	$\mathcal{O}(4; \{6^6, 3^{30}, 2^2\})$	38474110880257536
6	$\mathcal{O}(4; \{6^7, 3, 2^{39}\})$	144446976
6	$\mathcal{O}(4; \{6^7, 3^4, 2^{35}\})$	1145498112
6	$\mathcal{O}(4; \{6^7, 3^7, 2^{31}\})$	9174062592
6	$\mathcal{O}(4; \{6^7, 3^{10}, 2^{27}\})$	73382423040
6	$\mathcal{O}(4; \{6^7, 3^{13}, 2^{23}\})$	587069462016
6	$\mathcal{O}(4; \{6^7, 3^{16}, 2^{19}\})$	4696545618432
6	$\mathcal{O}(4; \{6^7, 3^{19}, 2^{15}\})$	37572375025152
6	$\mathcal{O}(4; \{6^7, 3^{22}, 2^{11}\})$	300578990123520
6	$\mathcal{O}(4; \{6^7, 3^{25}, 2^7\})$	2404631931065856
6	$\mathcal{O}(4; \{6^7, 3^{28}, 2^3\})$	19237055438449152
6	$\mathcal{O}(4; \{6^8, 3^2, 2^{36}\})$	574428672

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^8, 3^5, 2^{32}\})$	4585351680
6	$\mathcal{O}(4; \{6^8, 3^8, 2^{28}\})$	36692891136
6	$\mathcal{O}(4; \{6^8, 3^{11}, 2^{24}\})$	293533051392
6	$\mathcal{O}(4; \{6^8, 3^{14}, 2^{20}\})$	2348274488832
6	$\mathcal{O}(4; \{6^8, 3^{17}, 2^{16}\})$	18786185832960
6	$\mathcal{O}(4; \{6^8, 3^{20}, 2^{12}\})$	150289496741376
6	$\mathcal{O}(4; \{6^8, 3^{23}, 2^8\})$	1202315963853312
6	$\mathcal{O}(4; \{6^8, 3^{26}, 2^4\})$	9618527720904192
6	$\mathcal{O}(4; \{6^8, 3^{29}\})$	76948221757155840
6	$\mathcal{O}(4; \{6^9, 2^{37}\})$	285534720
6	$\mathcal{O}(4; \{6^9, 3^3, 2^{33}\})$	2294355456
6	$\mathcal{O}(4; \{6^9, 3^6, 2^{29}\})$	18344765952
6	$\mathcal{O}(4; \{6^9, 3^9, 2^{25}\})$	146768205312
6	$\mathcal{O}(4; \{6^9, 3^{12}, 2^{21}\})$	1174135564800
6	$\mathcal{O}(4; \{6^9, 3^{15}, 2^{17}\})$	9393094596096
6	$\mathcal{O}(4; \{6^9, 3^{18}, 2^{13}\})$	75144746691072
6	$\mathcal{O}(4; \{6^9, 3^{21}, 2^9\})$	601157983606272
6	$\mathcal{O}(4; \{6^9, 3^{24}, 2^5\})$	4809263858772480
6	$\mathcal{O}(4; \{6^9, 3^{27}, 2\})$	38474110880257536
6	$\mathcal{O}(4; \{6^{10}, 3, 2^{34}\})$	1145498112
6	$\mathcal{O}(4; \{6^{10}, 3^4, 2^{30}\})$	9174062592
6	$\mathcal{O}(4; \{6^{10}, 3^7, 2^{26}\})$	73382423040
6	$\mathcal{O}(4; \{6^{10}, 3^{10}, 2^{22}\})$	587069462016
6	$\mathcal{O}(4; \{6^{10}, 3^{13}, 2^{18}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{10}, 3^{16}, 2^{14}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{10}, 3^{19}, 2^{10}\})$	300578990123520
6	$\mathcal{O}(4; \{6^{10}, 3^{22}, 2^6\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{10}, 3^{25}, 2^2\})$	19237055438449152
6	$\mathcal{O}(4; \{6^{11}, 3^2, 2^{31}\})$	4585351680
6	$\mathcal{O}(4; \{6^{11}, 3^5, 2^{27}\})$	36692891136
6	$\mathcal{O}(4; \{6^{11}, 3^8, 2^{23}\})$	293533051392
6	$\mathcal{O}(4; \{6^{11}, 3^{11}, 2^{19}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{11}, 3^{14}, 2^{15}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{11}, 3^{17}, 2^{11}\})$	150289496741376
6	$\mathcal{O}(4; \{6^{11}, 3^{20}, 2^7\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{11}, 3^{23}, 2^3\})$	9618527720904192
6	$\mathcal{O}(4; \{6^{12}, 2^{32}\})$	2294355456
6	$\mathcal{O}(4; \{6^{12}, 3^3, 2^{28}\})$	18344765952
6	$\mathcal{O}(4; \{6^{12}, 3^6, 2^{24}\})$	146768205312
6	$\mathcal{O}(4; \{6^{12}, 3^9, 2^{20}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{12}, 3^{12}, 2^{16}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{12}, 3^{15}, 2^{12}\})$	75144746691072
6	$\mathcal{O}(4; \{6^{12}, 3^{18}, 2^8\})$	601157983606272

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^{12}, 3^{21}, 2^4\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{12}, 3^{24}\})$	38474110880257536
6	$\mathcal{O}(4; \{6^{13}, 3, 2^{29}\})$	9174062592
6	$\mathcal{O}(4; \{6^{13}, 3^4, 2^{25}\})$	73382423040
6	$\mathcal{O}(4; \{6^{13}, 3^7, 2^{21}\})$	587069462016
6	$\mathcal{O}(4; \{6^{13}, 3^{10}, 2^{17}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{13}, 3^{13}, 2^{13}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{13}, 3^{16}, 2^9\})$	300578990123520
6	$\mathcal{O}(4; \{6^{13}, 3^{19}, 2^5\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{13}, 3^{22}, 2\})$	19237055438449152
6	$\mathcal{O}(4; \{6^{14}, 3^2, 2^{26}\})$	36692891136
6	$\mathcal{O}(4; \{6^{14}, 3^5, 2^{22}\})$	293533051392
6	$\mathcal{O}(4; \{6^{14}, 3^8, 2^{18}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{14}, 3^{11}, 2^{14}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{14}, 3^{14}, 2^{10}\})$	150289496741376
6	$\mathcal{O}(4; \{6^{14}, 3^{17}, 2^6\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{14}, 3^{20}, 2^2\})$	9618527720904192
6	$\mathcal{O}(4; \{6^{15}, 2^{27}\})$	18344765952
6	$\mathcal{O}(4; \{6^{15}, 3^3, 2^{23}\})$	146768205312
6	$\mathcal{O}(4; \{6^{15}, 3^6, 2^{19}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{15}, 3^9, 2^{15}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{15}, 3^{12}, 2^{11}\})$	75144746691072
6	$\mathcal{O}(4; \{6^{15}, 3^{15}, 2^7\})$	601157983606272
6	$\mathcal{O}(4; \{6^{15}, 3^{18}, 2^3\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{16}, 3, 2^{24}\})$	73382423040
6	$\mathcal{O}(4; \{6^{16}, 3^4, 2^{20}\})$	587069462016
6	$\mathcal{O}(4; \{6^{16}, 3^7, 2^{16}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{16}, 3^{10}, 2^{12}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{16}, 3^{13}, 2^8\})$	300578990123520
6	$\mathcal{O}(4; \{6^{16}, 3^{16}, 2^4\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{16}, 3^{19}\})$	19237055438449152
6	$\mathcal{O}(4; \{6^{17}, 3^2, 2^{21}\})$	293533051392
6	$\mathcal{O}(4; \{6^{17}, 3^5, 2^{17}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{17}, 3^8, 2^{13}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{17}, 3^{11}, 2^9\})$	150289496741376
6	$\mathcal{O}(4; \{6^{17}, 3^{14}, 2^5\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{17}, 3^{17}, 2\})$	9618527720904192
6	$\mathcal{O}(4; \{6^{18}, 2^{22}\})$	146768205312
6	$\mathcal{O}(4; \{6^{18}, 3^3, 2^{18}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{18}, 3^6, 2^{14}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{18}, 3^9, 2^{10}\})$	75144746691072
6	$\mathcal{O}(4; \{6^{18}, 3^{12}, 2^6\})$	601157983606272
6	$\mathcal{O}(4; \{6^{18}, 3^{15}, 2^2\})$	4809263858772480

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^{19}, 3, 2^{19}\})$	587069462016
6	$\mathcal{O}(4; \{6^{19}, 3^4, 2^{15}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{19}, 3^7, 2^{11}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{19}, 3^{10}, 2^7\})$	300578990123520
6	$\mathcal{O}(4; \{6^{19}, 3^{13}, 2^3\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{20}, 3^2, 2^{16}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{20}, 3^5, 2^{12}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{20}, 3^8, 2^8\})$	150289496741376
6	$\mathcal{O}(4; \{6^{20}, 3^{11}, 2^4\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{20}, 3^{14}\})$	9618527720904192
6	$\mathcal{O}(4; \{6^{21}, 2^{17}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{21}, 3^3, 2^{13}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{21}, 3^6, 2^9\})$	75144746691072
6	$\mathcal{O}(4; \{6^{21}, 3^9, 2^5\})$	601157983606272
6	$\mathcal{O}(4; \{6^{21}, 3^{12}, 2\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{22}, 3, 2^{14}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{22}, 3^4, 2^{10}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{22}, 3^7, 2^6\})$	300578990123520
6	$\mathcal{O}(4; \{6^{22}, 3^{10}, 2^2\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{23}, 3^2, 2^{11}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{23}, 3^5, 2^7\})$	150289496741376
6	$\mathcal{O}(4; \{6^{23}, 3^8, 2^3\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{24}, 2^{12}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{24}, 3^3, 2^8\})$	75144746691072
6	$\mathcal{O}(4; \{6^{24}, 3^6, 2^4\})$	601157983606272
6	$\mathcal{O}(4; \{6^{24}, 3^9\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{25}, 3, 2^9\})$	37572375025152
6	$\mathcal{O}(4; \{6^{25}, 3^4, 2^5\})$	300578990123520
6	$\mathcal{O}(4; \{6^{25}, 3^7, 2\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{26}, 3^2, 2^6\})$	150289496741376
6	$\mathcal{O}(4; \{6^{26}, 3^5, 2^2\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{27}, 2^7\})$	75144746691072
6	$\mathcal{O}(4; \{6^{27}, 3^3, 2^3\})$	601157983606272
6	$\mathcal{O}(4; \{6^{28}, 3, 2^4\})$	300578990123520
6	$\mathcal{O}(4; \{6^{28}, 3^4\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{29}, 3^2, 2\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{30}, 2^2\})$	601157983606272
6	$\mathcal{O}(3; \{2^{56}\})$	46592
6	$\mathcal{O}(3; \{3^3, 2^{52}\})$	93312
6	$\mathcal{O}(3; \{3^6, 2^{48}\})$	1026432
6	$\mathcal{O}(3; \{3^9, 2^{44}\})$	7931520
6	$\mathcal{O}(3; \{3^{12}, 2^{40}\})$	63732096
6	$\mathcal{O}(3; \{3^{15}, 2^{36}\})$	509576832

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{3^{18}, 2^{32}\})$	4076894592
6	$\mathcal{O}(3; \{3^{21}, 2^{28}\})$	32614876800
6	$\mathcal{O}(3; \{3^{24}, 2^{24}\})$	260919294336
6	$\mathcal{O}(3; \{3^{27}, 2^{20}\})$	2087354074752
6	$\mathcal{O}(3; \{3^{30}, 2^{16}\})$	16698832877952
6	$\mathcal{O}(3; \{3^{33}, 2^{12}\})$	133590662743680
6	$\mathcal{O}(3; \{3^{36}, 2^8\})$	1068725302229376
6	$\mathcal{O}(3; \{3^{39}, 2^4\})$	8549802417555072
6	$\mathcal{O}(3; \{3^{42}\})$	67329694038521754
6	$\mathcal{O}(3; \{6, 3, 2^{53}\})$	93312
6	$\mathcal{O}(3; \{6, 3^4, 2^{49}\})$	466560
6	$\mathcal{O}(3; \{6, 3^7, 2^{45}\})$	4012416
6	$\mathcal{O}(3; \{6, 3^{10}, 2^{41}\})$	31819392
6	$\mathcal{O}(3; \{6, 3^{13}, 2^{37}\})$	254835072
6	$\mathcal{O}(3; \{6, 3^{16}, 2^{33}\})$	2038400640
6	$\mathcal{O}(3; \{6, 3^{19}, 2^{29}\})$	16307485056
6	$\mathcal{O}(3; \{6, 3^{22}, 2^{25}\})$	130459600512
6	$\mathcal{O}(3; \{6, 3^{25}, 2^{21}\})$	1043677084032
6	$\mathcal{O}(3; \{6, 3^{28}, 2^{17}\})$	8349416392320
6	$\mathcal{O}(3; \{6, 3^{31}, 2^{13}\})$	66795331418496
6	$\mathcal{O}(3; \{6, 3^{34}, 2^9\})$	534362651068032
6	$\mathcal{O}(3; \{6, 3^{37}, 2^5\})$	4274901208824192
6	$\mathcal{O}(3; \{6, 3^{40}, 2\})$	34199209670313600
6	$\mathcal{O}(3; \{6^2, 3^2, 2^{50}\})$	279936
6	$\mathcal{O}(3; \{6^2, 3^5, 2^{46}\})$	1959552
6	$\mathcal{O}(3; \{6^2, 3^8, 2^{42}\})$	15956352
6	$\mathcal{O}(3; \{6^2, 3^{11}, 2^{38}\})$	127370880
6	$\mathcal{O}(3; \{6^2, 3^{14}, 2^{34}\})$	1019246976
6	$\mathcal{O}(3; \{6^2, 3^{17}, 2^{30}\})$	8153695872
6	$\mathcal{O}(3; \{6^2, 3^{20}, 2^{26}\})$	65229846912
6	$\mathcal{O}(3; \{6^2, 3^{23}, 2^{22}\})$	521838495360
6	$\mathcal{O}(3; \{6^2, 3^{26}, 2^{18}\})$	4174708242816
6	$\mathcal{O}(3; \{6^2, 3^{29}, 2^{14}\})$	33397665662592
6	$\mathcal{O}(3; \{6^2, 3^{32}, 2^{10}\})$	267181325580672
6	$\mathcal{O}(3; \{6^2, 3^{35}, 2^6\})$	2137450604365440
6	$\mathcal{O}(3; \{6^2, 3^{38}, 2^2\})$	17099604835203456
6	$\mathcal{O}(3; \{6^3, 2^{51}\})$	93312
6	$\mathcal{O}(3; \{6^3, 3^3, 2^{47}\})$	1026432
6	$\mathcal{O}(3; \{6^3, 3^6, 2^{43}\})$	7931520
6	$\mathcal{O}(3; \{6^3, 3^9, 2^{39}\})$	63732096
6	$\mathcal{O}(3; \{6^3, 3^{12}, 2^{35}\})$	509576832
6	$\mathcal{O}(3; \{6^3, 3^{15}, 2^{31}\})$	4076894592
6	$\mathcal{O}(3; \{6^3, 3^{18}, 2^{27}\})$	32614876800

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^3, 3^{21}, 2^{23}\})$	260919294336
6	$\mathcal{O}(3; \{6^3, 3^{24}, 2^{19}\})$	2087354074752
6	$\mathcal{O}(3; \{6^3, 3^{27}, 2^{15}\})$	16698832877952
6	$\mathcal{O}(3; \{6^3, 3^{30}, 2^{11}\})$	133590662743680
6	$\mathcal{O}(3; \{6^3, 3^{33}, 2^7\})$	1068725302229376
6	$\mathcal{O}(3; \{6^3, 3^{36}, 2^3\})$	854980241755072
6	$\mathcal{O}(3; \{6^4, 3, 2^{48}\})$	466560
6	$\mathcal{O}(3; \{6^4, 3^4, 2^{44}\})$	4012416
6	$\mathcal{O}(3; \{6^4, 3^7, 2^{40}\})$	31819392
6	$\mathcal{O}(3; \{6^4, 3^{10}, 2^{36}\})$	254835072
6	$\mathcal{O}(3; \{6^4, 3^{13}, 2^{32}\})$	2038400640
6	$\mathcal{O}(3; \{6^4, 3^{16}, 2^{28}\})$	16307485056
6	$\mathcal{O}(3; \{6^4, 3^{19}, 2^{24}\})$	130459600512
6	$\mathcal{O}(3; \{6^4, 3^{22}, 2^{20}\})$	1043677084032
6	$\mathcal{O}(3; \{6^4, 3^{25}, 2^{16}\})$	8349416392320
6	$\mathcal{O}(3; \{6^4, 3^{28}, 2^{12}\})$	66795331418496
6	$\mathcal{O}(3; \{6^4, 3^{31}, 2^8\})$	534362651068032
6	$\mathcal{O}(3; \{6^4, 3^{34}, 2^4\})$	4274901208824192
6	$\mathcal{O}(3; \{6^4, 3^{37}\})$	34199209670313600
6	$\mathcal{O}(3; \{6^5, 3^2, 2^{45}\})$	1959552
6	$\mathcal{O}(3; \{6^5, 3^5, 2^{41}\})$	15956352
6	$\mathcal{O}(3; \{6^5, 3^8, 2^{37}\})$	127370880
6	$\mathcal{O}(3; \{6^5, 3^{11}, 2^{33}\})$	1019246976
6	$\mathcal{O}(3; \{6^5, 3^{14}, 2^{29}\})$	8153695872
6	$\mathcal{O}(3; \{6^5, 3^{17}, 2^{25}\})$	65229846912
6	$\mathcal{O}(3; \{6^5, 3^{20}, 2^{21}\})$	521838495360
6	$\mathcal{O}(3; \{6^5, 3^{23}, 2^{17}\})$	4174708242816
6	$\mathcal{O}(3; \{6^5, 3^{26}, 2^{13}\})$	33397665662592
6	$\mathcal{O}(3; \{6^5, 3^{29}, 2^9\})$	267181325580672
6	$\mathcal{O}(3; \{6^5, 3^{32}, 2^5\})$	2137450604365440
6	$\mathcal{O}(3; \{6^5, 3^{35}, 2\})$	17099604835203456
6	$\mathcal{O}(3; \{6^6, 2^{46}\})$	1026432
6	$\mathcal{O}(3; \{6^6, 3^3, 2^{42}\})$	7931520
6	$\mathcal{O}(3; \{6^6, 3^6, 2^{38}\})$	63732096
6	$\mathcal{O}(3; \{6^6, 3^9, 2^{34}\})$	509576832
6	$\mathcal{O}(3; \{6^6, 3^{12}, 2^{30}\})$	4076894592
6	$\mathcal{O}(3; \{6^6, 3^{15}, 2^{26}\})$	32614876800
6	$\mathcal{O}(3; \{6^6, 3^{18}, 2^{22}\})$	260919294336
6	$\mathcal{O}(3; \{6^6, 3^{21}, 2^{18}\})$	2087354074752
6	$\mathcal{O}(3; \{6^6, 3^{24}, 2^{14}\})$	16698832877952
6	$\mathcal{O}(3; \{6^6, 3^{27}, 2^{10}\})$	133590662743680
6	$\mathcal{O}(3; \{6^6, 3^{30}, 2^6\})$	1068725302229376
6	$\mathcal{O}(3; \{6^6, 3^{33}, 2^2\})$	854980241755072

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^7, 3, 2^{43}\})$	4012416
6	$\mathcal{O}(3; \{6^7, 3^4, 2^{39}\})$	31819392
6	$\mathcal{O}(3; \{6^7, 3^7, 2^{35}\})$	254835072
6	$\mathcal{O}(3; \{6^7, 3^{10}, 2^{31}\})$	2038400640
6	$\mathcal{O}(3; \{6^7, 3^{13}, 2^{27}\})$	16307485056
6	$\mathcal{O}(3; \{6^7, 3^{16}, 2^{23}\})$	130459600512
6	$\mathcal{O}(3; \{6^7, 3^{19}, 2^{19}\})$	1043677084032
6	$\mathcal{O}(3; \{6^7, 3^{22}, 2^{15}\})$	8349416392320
6	$\mathcal{O}(3; \{6^7, 3^{25}, 2^{11}\})$	66795331418496
6	$\mathcal{O}(3; \{6^7, 3^{28}, 2^7\})$	534362651068032
6	$\mathcal{O}(3; \{6^7, 3^{31}, 2^3\})$	4274901208824192
6	$\mathcal{O}(3; \{6^8, 3^2, 2^{40}\})$	15956352
6	$\mathcal{O}(3; \{6^8, 3^5, 2^{36}\})$	127370880
6	$\mathcal{O}(3; \{6^8, 3^8, 2^{32}\})$	1019246976
6	$\mathcal{O}(3; \{6^8, 3^{11}, 2^{28}\})$	8153695872
6	$\mathcal{O}(3; \{6^8, 3^{14}, 2^{24}\})$	65229846912
6	$\mathcal{O}(3; \{6^8, 3^{17}, 2^{20}\})$	521838495360
6	$\mathcal{O}(3; \{6^8, 3^{20}, 2^{16}\})$	4174708242816
6	$\mathcal{O}(3; \{6^8, 3^{23}, 2^{12}\})$	33397665662592
6	$\mathcal{O}(3; \{6^8, 3^{26}, 2^8\})$	267181325580672
6	$\mathcal{O}(3; \{6^8, 3^{29}, 2^4\})$	2137450604365440
6	$\mathcal{O}(3; \{6^8, 3^{32}\})$	17099604835203456
6	$\mathcal{O}(3; \{6^9, 2^{41}\})$	7931520
6	$\mathcal{O}(3; \{6^9, 3^3, 2^{37}\})$	63732096
6	$\mathcal{O}(3; \{6^9, 3^6, 2^{33}\})$	509576832
6	$\mathcal{O}(3; \{6^9, 3^9, 2^{29}\})$	4076894592
6	$\mathcal{O}(3; \{6^9, 3^{12}, 2^{25}\})$	32614876800
6	$\mathcal{O}(3; \{6^9, 3^{15}, 2^{21}\})$	260919294336
6	$\mathcal{O}(3; \{6^9, 3^{18}, 2^{17}\})$	2087354074752
6	$\mathcal{O}(3; \{6^9, 3^{21}, 2^{13}\})$	16698832877952
6	$\mathcal{O}(3; \{6^9, 3^{24}, 2^9\})$	133590662743680
6	$\mathcal{O}(3; \{6^9, 3^{27}, 2^5\})$	1068725302229376
6	$\mathcal{O}(3; \{6^9, 3^{30}, 2\})$	8549802417555072
6	$\mathcal{O}(3; \{6^{10}, 3, 2^{38}\})$	31819392
6	$\mathcal{O}(3; \{6^{10}, 3^4, 2^{34}\})$	254835072
6	$\mathcal{O}(3; \{6^{10}, 3^7, 2^{30}\})$	2038400640
6	$\mathcal{O}(3; \{6^{10}, 3^{10}, 2^{26}\})$	16307485056
6	$\mathcal{O}(3; \{6^{10}, 3^{13}, 2^{22}\})$	130459600512
6	$\mathcal{O}(3; \{6^{10}, 3^{16}, 2^{18}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{10}, 3^{19}, 2^{14}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{10}, 3^{22}, 2^{10}\})$	66795331418496
6	$\mathcal{O}(3; \{6^{10}, 3^{25}, 2^6\})$	534362651068032
6	$\mathcal{O}(3; \{6^{10}, 3^{28}, 2^2\})$	4274901208824192

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^{11}, 3^2, 2^{35}\})$	127370880
6	$\mathcal{O}(3; \{6^{11}, 3^5, 2^{31}\})$	1019246976
6	$\mathcal{O}(3; \{6^{11}, 3^8, 2^{27}\})$	8153695872
6	$\mathcal{O}(3; \{6^{11}, 3^{11}, 2^{23}\})$	65229846912
6	$\mathcal{O}(3; \{6^{11}, 3^{14}, 2^{19}\})$	521838495360
6	$\mathcal{O}(3; \{6^{11}, 3^{17}, 2^{15}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{11}, 3^{20}, 2^{11}\})$	33397665662592
6	$\mathcal{O}(3; \{6^{11}, 3^{23}, 2^7\})$	267181325580672
6	$\mathcal{O}(3; \{6^{11}, 3^{26}, 2^3\})$	2137450604365440
6	$\mathcal{O}(3; \{6^{12}, 2^{36}\})$	63732096
6	$\mathcal{O}(3; \{6^{12}, 3^3, 2^{32}\})$	509576832
6	$\mathcal{O}(3; \{6^{12}, 3^6, 2^{28}\})$	4076894592
6	$\mathcal{O}(3; \{6^{12}, 3^9, 2^{24}\})$	32614876800
6	$\mathcal{O}(3; \{6^{12}, 3^{12}, 2^{20}\})$	260919294336
6	$\mathcal{O}(3; \{6^{12}, 3^{15}, 2^{16}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{12}, 3^{18}, 2^{12}\})$	16698832877952
6	$\mathcal{O}(3; \{6^{12}, 3^{21}, 2^8\})$	133590662743680
6	$\mathcal{O}(3; \{6^{12}, 3^{24}, 2^4\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{12}, 3^{27}\})$	8549802417555072
6	$\mathcal{O}(3; \{6^{13}, 3, 2^{33}\})$	254835072
6	$\mathcal{O}(3; \{6^{13}, 3^4, 2^{29}\})$	2038400640
6	$\mathcal{O}(3; \{6^{13}, 3^7, 2^{25}\})$	16307485056
6	$\mathcal{O}(3; \{6^{13}, 3^{10}, 2^{21}\})$	130459600512
6	$\mathcal{O}(3; \{6^{13}, 3^{13}, 2^{17}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{13}, 3^{16}, 2^{13}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{13}, 3^{19}, 2^9\})$	66795331418496
6	$\mathcal{O}(3; \{6^{13}, 3^{22}, 2^5\})$	534362651068032
6	$\mathcal{O}(3; \{6^{13}, 3^{25}, 2\})$	4274901208824192
6	$\mathcal{O}(3; \{6^{14}, 3^2, 2^{30}\})$	1019246976
6	$\mathcal{O}(3; \{6^{14}, 3^5, 2^{26}\})$	8153695872
6	$\mathcal{O}(3; \{6^{14}, 3^8, 2^{22}\})$	65229846912
6	$\mathcal{O}(3; \{6^{14}, 3^{11}, 2^{18}\})$	521838495360
6	$\mathcal{O}(3; \{6^{14}, 3^{14}, 2^{14}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{14}, 3^{17}, 2^{10}\})$	33397665662592
6	$\mathcal{O}(3; \{6^{14}, 3^{20}, 2^6\})$	267181325580672
6	$\mathcal{O}(3; \{6^{14}, 3^{23}, 2^2\})$	2137450604365440
6	$\mathcal{O}(3; \{6^{15}, 2^{31}\})$	509576832
6	$\mathcal{O}(3; \{6^{15}, 3^3, 2^{27}\})$	4076894592
6	$\mathcal{O}(3; \{6^{15}, 3^6, 2^{23}\})$	32614876800
6	$\mathcal{O}(3; \{6^{15}, 3^9, 2^{19}\})$	260919294336
6	$\mathcal{O}(3; \{6^{15}, 3^{12}, 2^{15}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{15}, 3^{15}, 2^{11}\})$	16698832877952
6	$\mathcal{O}(3; \{6^{15}, 3^{18}, 2^7\})$	133590662743680

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^{15}, 3^{21}, 2^3\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{16}, 3, 2^{28}\})$	2038400640
6	$\mathcal{O}(3; \{6^{16}, 3^4, 2^{24}\})$	16307485056
6	$\mathcal{O}(3; \{6^{16}, 3^7, 2^{20}\})$	130459600512
6	$\mathcal{O}(3; \{6^{16}, 3^{10}, 2^{16}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{16}, 3^{13}, 2^{12}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{16}, 3^{16}, 2^8\})$	66795331418496
6	$\mathcal{O}(3; \{6^{16}, 3^{19}, 2^4\})$	534362651068032
6	$\mathcal{O}(3; \{6^{16}, 3^{22}\})$	4274901208824192
6	$\mathcal{O}(3; \{6^{17}, 3^2, 2^{25}\})$	8153695872
6	$\mathcal{O}(3; \{6^{17}, 3^5, 2^{21}\})$	65229846912
6	$\mathcal{O}(3; \{6^{17}, 3^8, 2^{17}\})$	521838495360
6	$\mathcal{O}(3; \{6^{17}, 3^{11}, 2^{13}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{17}, 3^{14}, 2^9\})$	33397665662592
6	$\mathcal{O}(3; \{6^{17}, 3^{17}, 2^5\})$	267181325580672
6	$\mathcal{O}(3; \{6^{17}, 3^{20}, 2\})$	2137450604365440
6	$\mathcal{O}(3; \{6^{18}, 2^{26}\})$	4076894592
6	$\mathcal{O}(3; \{6^{18}, 3^3, 2^{22}\})$	32614876800
6	$\mathcal{O}(3; \{6^{18}, 3^6, 2^{18}\})$	260919294336
6	$\mathcal{O}(3; \{6^{18}, 3^9, 2^{14}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{18}, 3^{12}, 2^{10}\})$	16698832877952
6	$\mathcal{O}(3; \{6^{18}, 3^{15}, 2^6\})$	133590662743680
6	$\mathcal{O}(3; \{6^{18}, 3^{18}, 2^2\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{19}, 3, 2^{23}\})$	16307485056
6	$\mathcal{O}(3; \{6^{19}, 3^4, 2^{19}\})$	130459600512
6	$\mathcal{O}(3; \{6^{19}, 3^7, 2^{15}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{19}, 3^{10}, 2^{11}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{19}, 3^{13}, 2^7\})$	66795331418496
6	$\mathcal{O}(3; \{6^{19}, 3^{16}, 2^3\})$	534362651068032
6	$\mathcal{O}(3; \{6^{20}, 3^2, 2^{20}\})$	65229846912
6	$\mathcal{O}(3; \{6^{20}, 3^5, 2^{16}\})$	521838495360
6	$\mathcal{O}(3; \{6^{20}, 3^8, 2^{12}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{20}, 3^{11}, 2^8\})$	33397665662592
6	$\mathcal{O}(3; \{6^{20}, 3^{14}, 2^4\})$	267181325580672
6	$\mathcal{O}(3; \{6^{20}, 3^{17}\})$	2137450604365440
6	$\mathcal{O}(3; \{6^{21}, 2^{21}\})$	32614876800
6	$\mathcal{O}(3; \{6^{21}, 3^3, 2^{17}\})$	260919294336
6	$\mathcal{O}(3; \{6^{21}, 3^6, 2^{13}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{21}, 3^9, 2^9\})$	16698832877952
6	$\mathcal{O}(3; \{6^{21}, 3^{12}, 2^5\})$	133590662743680
6	$\mathcal{O}(3; \{6^{21}, 3^{15}, 2\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{22}, 3, 2^{18}\})$	130459600512
6	$\mathcal{O}(3; \{6^{22}, 3^4, 2^{14}\})$	1043677084032

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^{22}, 3^7, 2^{10}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{22}, 3^{10}, 2^6\})$	66795331418496
6	$\mathcal{O}(3; \{6^{22}, 3^{13}, 2^2\})$	534362651068032
6	$\mathcal{O}(3; \{6^{23}, 3^2, 2^{15}\})$	521838495360
6	$\mathcal{O}(3; \{6^{23}, 3^5, 2^{11}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{23}, 3^8, 2^7\})$	33397665662592
6	$\mathcal{O}(3; \{6^{23}, 3^{11}, 2^3\})$	267181325580672
6	$\mathcal{O}(3; \{6^{24}, 2^{16}\})$	260919294336
6	$\mathcal{O}(3; \{6^{24}, 3^3, 2^{12}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{24}, 3^6, 2^8\})$	16698832877952
6	$\mathcal{O}(3; \{6^{24}, 3^9, 2^4\})$	133590662743680
6	$\mathcal{O}(3; \{6^{24}, 3^{12}\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{25}, 3, 2^{13}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{25}, 3^4, 2^9\})$	8349416392320
6	$\mathcal{O}(3; \{6^{25}, 3^7, 2^5\})$	66795331418496
6	$\mathcal{O}(3; \{6^{25}, 3^{10}, 2\})$	534362651068032
6	$\mathcal{O}(3; \{6^{26}, 3^2, 2^{10}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{26}, 3^5, 2^6\})$	33397665662592
6	$\mathcal{O}(3; \{6^{26}, 3^8, 2^2\})$	267181325580672
6	$\mathcal{O}(3; \{6^{27}, 2^{11}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{27}, 3^3, 2^7\})$	16698832877952
6	$\mathcal{O}(3; \{6^{27}, 3^6, 2^3\})$	133590662743680
6	$\mathcal{O}(3; \{6^{28}, 3, 2^8\})$	8349416392320
6	$\mathcal{O}(3; \{6^{28}, 3^4, 2^4\})$	66795331418496
6	$\mathcal{O}(3; \{6^{28}, 3^7\})$	534362651068032
6	$\mathcal{O}(3; \{6^{29}, 3^2, 2^5\})$	33397665662592
6	$\mathcal{O}(3; \{6^{29}, 3^5, 2\})$	267181325580672
6	$\mathcal{O}(3; \{6^{30}, 2^6\})$	16698832877952
6	$\mathcal{O}(3; \{6^{30}, 3^3, 2^2\})$	133590662743680
6	$\mathcal{O}(3; \{6^{31}, 3, 2^3\})$	66795331418496
6	$\mathcal{O}(3; \{6^{32}, 3^2\})$	267181325580672
6	$\mathcal{O}(3; \{6^{33}, 2\})$	133590662743680
6	$\mathcal{O}(2; \{2^{60}\})$	1280
6	$\mathcal{O}(2; \{3^3, 2^{56}\})$	2592
6	$\mathcal{O}(2; \{3^6, 2^{52}\})$	28512
6	$\mathcal{O}(2; \{3^9, 2^{48}\})$	220320
6	$\mathcal{O}(2; \{3^{12}, 2^{44}\})$	1770336
6	$\mathcal{O}(2; \{3^{15}, 2^{40}\})$	14154912
6	$\mathcal{O}(2; \{3^{18}, 2^{36}\})$	113247072
6	$\mathcal{O}(2; \{3^{21}, 2^{32}\})$	905968800
6	$\mathcal{O}(2; \{3^{24}, 2^{28}\})$	7247758176
6	$\mathcal{O}(2; \{3^{27}, 2^{24}\})$	57982057632
6	$\mathcal{O}(2; \{3^{30}, 2^{20}\})$	463856468832

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{3^{33}, 2^{16}\})$	3710851742880
6	$\mathcal{O}(2; \{3^{36}, 2^{12}\})$	29686813950816
6	$\mathcal{O}(2; \{3^{39}, 2^8\})$	237494511598752
6	$\mathcal{O}(2; \{3^{42}, 2^4\})$	1899956092797792
6	$\mathcal{O}(2; \{3^{45}\})$	14249670695976150
6	$\mathcal{O}(2; \{6, 3, 2^{57}\})$	2592
6	$\mathcal{O}(2; \{6, 3^4, 2^{53}\})$	12960
6	$\mathcal{O}(2; \{6, 3^7, 2^{49}\})$	111456
6	$\mathcal{O}(2; \{6, 3^{10}, 2^{45}\})$	883872
6	$\mathcal{O}(2; \{6, 3^{13}, 2^{41}\})$	7078752
6	$\mathcal{O}(2; \{6, 3^{16}, 2^{37}\})$	56622240
6	$\mathcal{O}(2; \{6, 3^{19}, 2^{33}\})$	452985696
6	$\mathcal{O}(2; \{6, 3^{22}, 2^{29}\})$	3623877792
6	$\mathcal{O}(2; \{6, 3^{25}, 2^{25}\})$	28991030112
6	$\mathcal{O}(2; \{6, 3^{28}, 2^{21}\})$	231928233120
6	$\mathcal{O}(2; \{6, 3^{31}, 2^{17}\})$	1855425872736
6	$\mathcal{O}(2; \{6, 3^{34}, 2^{13}\})$	14843406974112
6	$\mathcal{O}(2; \{6, 3^{37}, 2^9\})$	118747255800672
6	$\mathcal{O}(2; \{6, 3^{40}, 2^5\})$	949978046397600
6	$\mathcal{O}(2; \{6, 3^{43}, 2\})$	7599824371188576
6	$\mathcal{O}(2; \{6^2, 3^2, 2^{54}\})$	7776
6	$\mathcal{O}(2; \{6^2, 3^5, 2^{50}\})$	54432
6	$\mathcal{O}(2; \{6^2, 3^8, 2^{46}\})$	443232
6	$\mathcal{O}(2; \{6^2, 3^{11}, 2^{42}\})$	3538080
6	$\mathcal{O}(2; \{6^2, 3^{14}, 2^{38}\})$	28312416
6	$\mathcal{O}(2; \{6^2, 3^{17}, 2^{34}\})$	226491552
6	$\mathcal{O}(2; \{6^2, 3^{20}, 2^{30}\})$	1811940192
6	$\mathcal{O}(2; \{6^2, 3^{23}, 2^{26}\})$	14495513760
6	$\mathcal{O}(2; \{6^2, 3^{26}, 2^{22}\})$	115964117856
6	$\mathcal{O}(2; \{6^2, 3^{29}, 2^{18}\})$	927712935072
6	$\mathcal{O}(2; \{6^2, 3^{32}, 2^{14}\})$	7421703488352
6	$\mathcal{O}(2; \{6^2, 3^{35}, 2^{10}\})$	59373627899040
6	$\mathcal{O}(2; \{6^2, 3^{38}, 2^6\})$	474989023200096
6	$\mathcal{O}(2; \{6^2, 3^{41}, 2^2\})$	3799912185592992
6	$\mathcal{O}(2; \{6^3, 2^{55}\})$	2592
6	$\mathcal{O}(2; \{6^3, 3^3, 2^{51}\})$	28512
6	$\mathcal{O}(2; \{6^3, 3^6, 2^{47}\})$	220320
6	$\mathcal{O}(2; \{6^3, 3^9, 2^{43}\})$	1770336
6	$\mathcal{O}(2; \{6^3, 3^{12}, 2^{39}\})$	14154912
6	$\mathcal{O}(2; \{6^3, 3^{15}, 2^{35}\})$	113247072
6	$\mathcal{O}(2; \{6^3, 3^{18}, 2^{31}\})$	905968800
6	$\mathcal{O}(2; \{6^3, 3^{21}, 2^{27}\})$	7247758176
6	$\mathcal{O}(2; \{6^3, 3^{24}, 2^{23}\})$	57982057632

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^3, 3^{27}, 2^{19}\})$	463856468832
6	$\mathcal{O}(2; \{6^3, 3^{30}, 2^{15}\})$	3710851742880
6	$\mathcal{O}(2; \{6^3, 3^{33}, 2^{11}\})$	29686813950816
6	$\mathcal{O}(2; \{6^3, 3^{36}, 2^7\})$	237494511598752
6	$\mathcal{O}(2; \{6^3, 3^{39}, 2^3\})$	1899956092797792
6	$\mathcal{O}(2; \{6^4, 3, 2^{52}\})$	12960
6	$\mathcal{O}(2; \{6^4, 3^4, 2^{48}\})$	111456
6	$\mathcal{O}(2; \{6^4, 3^7, 2^{44}\})$	883872
6	$\mathcal{O}(2; \{6^4, 3^{10}, 2^{40}\})$	7078752
6	$\mathcal{O}(2; \{6^4, 3^{13}, 2^{36}\})$	56622240
6	$\mathcal{O}(2; \{6^4, 3^{16}, 2^{32}\})$	452985696
6	$\mathcal{O}(2; \{6^4, 3^{19}, 2^{28}\})$	3623877792
6	$\mathcal{O}(2; \{6^4, 3^{22}, 2^{24}\})$	28991030112
6	$\mathcal{O}(2; \{6^4, 3^{25}, 2^{20}\})$	231928233120
6	$\mathcal{O}(2; \{6^4, 3^{28}, 2^{16}\})$	1855425872736
6	$\mathcal{O}(2; \{6^4, 3^{31}, 2^{12}\})$	14843406974112
6	$\mathcal{O}(2; \{6^4, 3^{34}, 2^8\})$	118747255800672
6	$\mathcal{O}(2; \{6^4, 3^{37}, 2^4\})$	949978046397600
6	$\mathcal{O}(2; \{6^4, 3^{40}\})$	7599824371188576
6	$\mathcal{O}(2; \{6^5, 3^2, 2^{49}\})$	54432
6	$\mathcal{O}(2; \{6^5, 3^5, 2^{45}\})$	443232
6	$\mathcal{O}(2; \{6^5, 3^8, 2^{41}\})$	3538080
6	$\mathcal{O}(2; \{6^5, 3^{11}, 2^{37}\})$	28312416
6	$\mathcal{O}(2; \{6^5, 3^{14}, 2^{33}\})$	226491552
6	$\mathcal{O}(2; \{6^5, 3^{17}, 2^{29}\})$	1811940192
6	$\mathcal{O}(2; \{6^5, 3^{20}, 2^{25}\})$	14495513760
6	$\mathcal{O}(2; \{6^5, 3^{23}, 2^{21}\})$	115964117856
6	$\mathcal{O}(2; \{6^5, 3^{26}, 2^{17}\})$	927712935072
6	$\mathcal{O}(2; \{6^5, 3^{29}, 2^{13}\})$	7421703488352
6	$\mathcal{O}(2; \{6^5, 3^{32}, 2^9\})$	59373627899040
6	$\mathcal{O}(2; \{6^5, 3^{35}, 2^5\})$	474989023200096
6	$\mathcal{O}(2; \{6^5, 3^{38}, 2\})$	3799912185592992
6	$\mathcal{O}(2; \{6^6, 2^{50}\})$	28512
6	$\mathcal{O}(2; \{6^6, 3^3, 2^{46}\})$	220320
6	$\mathcal{O}(2; \{6^6, 3^6, 2^{42}\})$	1770336
6	$\mathcal{O}(2; \{6^6, 3^9, 2^{38}\})$	14154912
6	$\mathcal{O}(2; \{6^6, 3^{12}, 2^{34}\})$	113247072
6	$\mathcal{O}(2; \{6^6, 3^{15}, 2^{30}\})$	905968800
6	$\mathcal{O}(2; \{6^6, 3^{18}, 2^{26}\})$	7247758176
6	$\mathcal{O}(2; \{6^6, 3^{21}, 2^{22}\})$	57982057632
6	$\mathcal{O}(2; \{6^6, 3^{24}, 2^{18}\})$	463856468832
6	$\mathcal{O}(2; \{6^6, 3^{27}, 2^{14}\})$	3710851742880
6	$\mathcal{O}(2; \{6^6, 3^{30}, 2^{10}\})$	29686813950816

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^6, 3^{33}, 2^6\})$	237494511598752
6	$\mathcal{O}(2; \{6^6, 3^{36}, 2^2\})$	1899956092797792
6	$\mathcal{O}(2; \{6^7, 3, 2^{47}\})$	111456
6	$\mathcal{O}(2; \{6^7, 3^4, 2^{43}\})$	883872
6	$\mathcal{O}(2; \{6^7, 3^7, 2^{39}\})$	7078752
6	$\mathcal{O}(2; \{6^7, 3^{10}, 2^{35}\})$	56622240
6	$\mathcal{O}(2; \{6^7, 3^{13}, 2^{31}\})$	452985696
6	$\mathcal{O}(2; \{6^7, 3^{16}, 2^{27}\})$	3623877792
6	$\mathcal{O}(2; \{6^7, 3^{19}, 2^{23}\})$	28991030112
6	$\mathcal{O}(2; \{6^7, 3^{22}, 2^{19}\})$	231928233120
6	$\mathcal{O}(2; \{6^7, 3^{25}, 2^{15}\})$	1855425872736
6	$\mathcal{O}(2; \{6^7, 3^{28}, 2^{11}\})$	14843406974112
6	$\mathcal{O}(2; \{6^7, 3^{31}, 2^7\})$	118747255800672
6	$\mathcal{O}(2; \{6^7, 3^{34}, 2^3\})$	949978046397600
6	$\mathcal{O}(2; \{6^8, 3^2, 2^{44}\})$	443232
6	$\mathcal{O}(2; \{6^8, 3^5, 2^{40}\})$	3538080
6	$\mathcal{O}(2; \{6^8, 3^8, 2^{36}\})$	28312416
6	$\mathcal{O}(2; \{6^8, 3^{11}, 2^{32}\})$	226491552
6	$\mathcal{O}(2; \{6^8, 3^{14}, 2^{28}\})$	1811940192
6	$\mathcal{O}(2; \{6^8, 3^{17}, 2^{24}\})$	14495513760
6	$\mathcal{O}(2; \{6^8, 3^{20}, 2^{20}\})$	115964117856
6	$\mathcal{O}(2; \{6^8, 3^{23}, 2^{16}\})$	927712935072
6	$\mathcal{O}(2; \{6^8, 3^{26}, 2^{12}\})$	7421703488352
6	$\mathcal{O}(2; \{6^8, 3^{29}, 2^8\})$	59373627899040
6	$\mathcal{O}(2; \{6^8, 3^{32}, 2^4\})$	474989023200096
6	$\mathcal{O}(2; \{6^8, 3^{35}\})$	3799912185592992
6	$\mathcal{O}(2; \{6^9, 2^{45}\})$	220320
6	$\mathcal{O}(2; \{6^9, 3^3, 2^{41}\})$	1770336
6	$\mathcal{O}(2; \{6^9, 3^6, 2^{37}\})$	14154912
6	$\mathcal{O}(2; \{6^9, 3^9, 2^{33}\})$	113247072
6	$\mathcal{O}(2; \{6^9, 3^{12}, 2^{29}\})$	905968800
6	$\mathcal{O}(2; \{6^9, 3^{15}, 2^{25}\})$	7247758176
6	$\mathcal{O}(2; \{6^9, 3^{18}, 2^{21}\})$	57982057632
6	$\mathcal{O}(2; \{6^9, 3^{21}, 2^{17}\})$	463856468832
6	$\mathcal{O}(2; \{6^9, 3^{24}, 2^{13}\})$	3710851742880
6	$\mathcal{O}(2; \{6^9, 3^{27}, 2^9\})$	29686813950816
6	$\mathcal{O}(2; \{6^9, 3^{30}, 2^5\})$	237494511598752
6	$\mathcal{O}(2; \{6^9, 3^{33}, 2\})$	1899956092797792
6	$\mathcal{O}(2; \{6^{10}, 3, 2^{42}\})$	883872
6	$\mathcal{O}(2; \{6^{10}, 3^4, 2^{38}\})$	7078752
6	$\mathcal{O}(2; \{6^{10}, 3^7, 2^{34}\})$	56622240
6	$\mathcal{O}(2; \{6^{10}, 3^{10}, 2^{30}\})$	452985696
6	$\mathcal{O}(2; \{6^{10}, 3^{13}, 2^{26}\})$	3623877792

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^{10}, 3^{16}, 2^{22}\})$	28991030112
6	$\mathcal{O}(2; \{6^{10}, 3^{19}, 2^{18}\})$	231928233120
6	$\mathcal{O}(2; \{6^{10}, 3^{22}, 2^{14}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{10}, 3^{25}, 2^{10}\})$	14843406974112
6	$\mathcal{O}(2; \{6^{10}, 3^{28}, 2^6\})$	118747255800672
6	$\mathcal{O}(2; \{6^{10}, 3^{31}, 2^2\})$	949978046397600
6	$\mathcal{O}(2; \{6^{11}, 3^2, 2^{39}\})$	3538080
6	$\mathcal{O}(2; \{6^{11}, 3^5, 2^{35}\})$	28312416
6	$\mathcal{O}(2; \{6^{11}, 3^8, 2^{31}\})$	226491552
6	$\mathcal{O}(2; \{6^{11}, 3^{11}, 2^{27}\})$	1811940192
6	$\mathcal{O}(2; \{6^{11}, 3^{14}, 2^{23}\})$	14495513760
6	$\mathcal{O}(2; \{6^{11}, 3^{17}, 2^{19}\})$	115964117856
6	$\mathcal{O}(2; \{6^{11}, 3^{20}, 2^{15}\})$	927712935072
6	$\mathcal{O}(2; \{6^{11}, 3^{23}, 2^{11}\})$	7421703488352
6	$\mathcal{O}(2; \{6^{11}, 3^{26}, 2^7\})$	59373627899040
6	$\mathcal{O}(2; \{6^{11}, 3^{29}, 2^3\})$	474989023200096
6	$\mathcal{O}(2; \{6^{12}, 2^{40}\})$	1770336
6	$\mathcal{O}(2; \{6^{12}, 3^3, 2^{36}\})$	14154912
6	$\mathcal{O}(2; \{6^{12}, 3^6, 2^{32}\})$	113247072
6	$\mathcal{O}(2; \{6^{12}, 3^9, 2^{28}\})$	905968800
6	$\mathcal{O}(2; \{6^{12}, 3^{12}, 2^{24}\})$	7247758176
6	$\mathcal{O}(2; \{6^{12}, 3^{15}, 2^{20}\})$	57982057632
6	$\mathcal{O}(2; \{6^{12}, 3^{18}, 2^{16}\})$	463856468832
6	$\mathcal{O}(2; \{6^{12}, 3^{21}, 2^{12}\})$	3710851742880
6	$\mathcal{O}(2; \{6^{12}, 3^{24}, 2^8\})$	29686813950816
6	$\mathcal{O}(2; \{6^{12}, 3^{27}, 2^4\})$	237494511598752
6	$\mathcal{O}(2; \{6^{12}, 3^{30}\})$	1899956092797792
6	$\mathcal{O}(2; \{6^{13}, 3, 2^{37}\})$	7078752
6	$\mathcal{O}(2; \{6^{13}, 3^4, 2^{33}\})$	56622240
6	$\mathcal{O}(2; \{6^{13}, 3^7, 2^{29}\})$	452985696
6	$\mathcal{O}(2; \{6^{13}, 3^{10}, 2^{25}\})$	3623877792
6	$\mathcal{O}(2; \{6^{13}, 3^{13}, 2^{21}\})$	28991030112
6	$\mathcal{O}(2; \{6^{13}, 3^{16}, 2^{17}\})$	231928233120
6	$\mathcal{O}(2; \{6^{13}, 3^{19}, 2^{13}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{13}, 3^{22}, 2^9\})$	14843406974112
6	$\mathcal{O}(2; \{6^{13}, 3^{25}, 2^5\})$	118747255800672
6	$\mathcal{O}(2; \{6^{13}, 3^{28}, 2\})$	949978046397600
6	$\mathcal{O}(2; \{6^{14}, 3^2, 2^{34}\})$	28312416
6	$\mathcal{O}(2; \{6^{14}, 3^5, 2^{30}\})$	226491552
6	$\mathcal{O}(2; \{6^{14}, 3^8, 2^{26}\})$	1811940192
6	$\mathcal{O}(2; \{6^{14}, 3^{11}, 2^{22}\})$	14495513760
6	$\mathcal{O}(2; \{6^{14}, 3^{14}, 2^{18}\})$	115964117856
6	$\mathcal{O}(2; \{6^{14}, 3^{17}, 2^{14}\})$	927712935072

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^{14}, 3^{20}, 2^{10}\})$	7421703488352
6	$\mathcal{O}(2; \{6^{14}, 3^{23}, 2^6\})$	59373627899040
6	$\mathcal{O}(2; \{6^{14}, 3^{26}, 2^2\})$	474989023200096
6	$\mathcal{O}(2; \{6^{15}, 2^{35}\})$	14154912
6	$\mathcal{O}(2; \{6^{15}, 3^3, 2^{31}\})$	113247072
6	$\mathcal{O}(2; \{6^{15}, 3^6, 2^{27}\})$	905968800
6	$\mathcal{O}(2; \{6^{15}, 3^9, 2^{23}\})$	7247758176
6	$\mathcal{O}(2; \{6^{15}, 3^{12}, 2^{19}\})$	57982057632
6	$\mathcal{O}(2; \{6^{15}, 3^{15}, 2^{15}\})$	463856468832
6	$\mathcal{O}(2; \{6^{15}, 3^{18}, 2^{11}\})$	3710851742880
6	$\mathcal{O}(2; \{6^{15}, 3^{21}, 2^7\})$	29686813950816
6	$\mathcal{O}(2; \{6^{15}, 3^{24}, 2^3\})$	237494511598752
6	$\mathcal{O}(2; \{6^{16}, 3, 2^{32}\})$	56622240
6	$\mathcal{O}(2; \{6^{16}, 3^4, 2^{28}\})$	452985696
6	$\mathcal{O}(2; \{6^{16}, 3^7, 2^{24}\})$	3623877792
6	$\mathcal{O}(2; \{6^{16}, 3^{10}, 2^{20}\})$	28991030112
6	$\mathcal{O}(2; \{6^{16}, 3^{13}, 2^{16}\})$	231928233120
6	$\mathcal{O}(2; \{6^{16}, 3^{16}, 2^{12}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{16}, 3^{19}, 2^8\})$	14843406974112
6	$\mathcal{O}(2; \{6^{16}, 3^{22}, 2^4\})$	118747255800672
6	$\mathcal{O}(2; \{6^{16}, 3^{25}\})$	949978046397600
6	$\mathcal{O}(2; \{6^{17}, 3^2, 2^{29}\})$	226491552
6	$\mathcal{O}(2; \{6^{17}, 3^5, 2^{25}\})$	1811940192
6	$\mathcal{O}(2; \{6^{17}, 3^8, 2^{21}\})$	14495513760
6	$\mathcal{O}(2; \{6^{17}, 3^{11}, 2^{17}\})$	115964117856
6	$\mathcal{O}(2; \{6^{17}, 3^{14}, 2^{13}\})$	927712935072
6	$\mathcal{O}(2; \{6^{17}, 3^{17}, 2^9\})$	7421703488352
6	$\mathcal{O}(2; \{6^{17}, 3^{20}, 2^5\})$	59373627899040
6	$\mathcal{O}(2; \{6^{17}, 3^{23}, 2\})$	474989023200096
6	$\mathcal{O}(2; \{6^{18}, 2^{30}\})$	113247072
6	$\mathcal{O}(2; \{6^{18}, 3^3, 2^{26}\})$	905968800
6	$\mathcal{O}(2; \{6^{18}, 3^6, 2^{22}\})$	7247758176
6	$\mathcal{O}(2; \{6^{18}, 3^9, 2^{18}\})$	57982057632
6	$\mathcal{O}(2; \{6^{18}, 3^{12}, 2^{14}\})$	463856468832
6	$\mathcal{O}(2; \{6^{18}, 3^{15}, 2^{10}\})$	3710851742880
6	$\mathcal{O}(2; \{6^{18}, 3^{18}, 2^6\})$	29686813950816
6	$\mathcal{O}(2; \{6^{18}, 3^{21}, 2^2\})$	237494511598752
6	$\mathcal{O}(2; \{6^{19}, 3, 2^{27}\})$	452985696
6	$\mathcal{O}(2; \{6^{19}, 3^4, 2^{23}\})$	3623877792
6	$\mathcal{O}(2; \{6^{19}, 3^7, 2^{19}\})$	28991030112
6	$\mathcal{O}(2; \{6^{19}, 3^{10}, 2^{15}\})$	231928233120
6	$\mathcal{O}(2; \{6^{19}, 3^{13}, 2^{11}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{19}, 3^{16}, 2^7\})$	14843406974112

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^{19}, 3^{19}, 2^3\})$	118747255800672
6	$\mathcal{O}(2; \{6^{20}, 3^2, 2^{24}\})$	1811940192
6	$\mathcal{O}(2; \{6^{20}, 3^5, 2^{20}\})$	14495513760
6	$\mathcal{O}(2; \{6^{20}, 3^8, 2^{16}\})$	115964117856
6	$\mathcal{O}(2; \{6^{20}, 3^{11}, 2^{12}\})$	927712935072
6	$\mathcal{O}(2; \{6^{20}, 3^{14}, 2^8\})$	7421703488352
6	$\mathcal{O}(2; \{6^{20}, 3^{17}, 2^4\})$	59373627899040
6	$\mathcal{O}(2; \{6^{20}, 3^{20}\})$	474989023200096
6	$\mathcal{O}(2; \{6^{21}, 2^{25}\})$	905968800
6	$\mathcal{O}(2; \{6^{21}, 3^3, 2^{21}\})$	7247758176
6	$\mathcal{O}(2; \{6^{21}, 3^6, 2^{17}\})$	57982057632
6	$\mathcal{O}(2; \{6^{21}, 3^9, 2^{13}\})$	463856468832
6	$\mathcal{O}(2; \{6^{21}, 3^{12}, 2^9\})$	3710851742880
6	$\mathcal{O}(2; \{6^{21}, 3^{15}, 2^5\})$	29686813950816
6	$\mathcal{O}(2; \{6^{21}, 3^{18}, 2\})$	237494511598752
6	$\mathcal{O}(2; \{6^{22}, 3, 2^{22}\})$	3623877792
6	$\mathcal{O}(2; \{6^{22}, 3^4, 2^{18}\})$	28991030112
6	$\mathcal{O}(2; \{6^{22}, 3^7, 2^{14}\})$	231928233120
6	$\mathcal{O}(2; \{6^{22}, 3^{10}, 2^{10}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{22}, 3^{13}, 2^6\})$	14843406974112
6	$\mathcal{O}(2; \{6^{22}, 3^{16}, 2^2\})$	118747255800672
6	$\mathcal{O}(2; \{6^{23}, 3^2, 2^{19}\})$	14495513760
6	$\mathcal{O}(2; \{6^{23}, 3^5, 2^{15}\})$	115964117856
6	$\mathcal{O}(2; \{6^{23}, 3^8, 2^{11}\})$	927712935072
6	$\mathcal{O}(2; \{6^{23}, 3^{11}, 2^7\})$	7421703488352
6	$\mathcal{O}(2; \{6^{23}, 3^{14}, 2^3\})$	59373627899040
6	$\mathcal{O}(2; \{6^{24}, 2^{20}\})$	7247758176
6	$\mathcal{O}(2; \{6^{24}, 3^3, 2^{16}\})$	57982057632
6	$\mathcal{O}(2; \{6^{24}, 3^6, 2^{12}\})$	463856468832
6	$\mathcal{O}(2; \{6^{24}, 3^9, 2^8\})$	3710851742880
6	$\mathcal{O}(2; \{6^{24}, 3^{12}, 2^4\})$	29686813950816
6	$\mathcal{O}(2; \{6^{24}, 3^{15}\})$	237494511598752
6	$\mathcal{O}(2; \{6^{25}, 3, 2^{17}\})$	28991030112
6	$\mathcal{O}(2; \{6^{25}, 3^4, 2^{13}\})$	231928233120
6	$\mathcal{O}(2; \{6^{25}, 3^7, 2^9\})$	1855425872736
6	$\mathcal{O}(2; \{6^{25}, 3^{10}, 2^5\})$	14843406974112
6	$\mathcal{O}(2; \{6^{25}, 3^{13}, 2\})$	118747255800672
6	$\mathcal{O}(2; \{6^{26}, 3^2, 2^{14}\})$	115964117856
6	$\mathcal{O}(2; \{6^{26}, 3^5, 2^{10}\})$	927712935072
6	$\mathcal{O}(2; \{6^{26}, 3^8, 2^6\})$	7421703488352
6	$\mathcal{O}(2; \{6^{26}, 3^{11}, 2^2\})$	59373627899040
6	$\mathcal{O}(2; \{6^{27}, 2^{15}\})$	57982057632
6	$\mathcal{O}(2; \{6^{27}, 3^3, 2^{11}\})$	463856468832

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^{27}, 3^6, 2^7\})$	3710851742880
6	$\mathcal{O}(2; \{6^{27}, 3^9, 2^3\})$	29686813950816
6	$\mathcal{O}(2; \{6^{28}, 3, 2^{12}\})$	231928233120
6	$\mathcal{O}(2; \{6^{28}, 3^4, 2^8\})$	1855425872736
6	$\mathcal{O}(2; \{6^{28}, 3^7, 2^4\})$	14843406974112
6	$\mathcal{O}(2; \{6^{28}, 3^{10}\})$	118747255800672
6	$\mathcal{O}(2; \{6^{29}, 3^2, 2^9\})$	927712935072
6	$\mathcal{O}(2; \{6^{29}, 3^5, 2^5\})$	7421703488352
6	$\mathcal{O}(2; \{6^{29}, 3^8, 2\})$	59373627899040
6	$\mathcal{O}(2; \{6^{30}, 2^{10}\})$	463856468832
6	$\mathcal{O}(2; \{6^{30}, 3^3, 2^6\})$	3710851742880
6	$\mathcal{O}(2; \{6^{30}, 3^6, 2^2\})$	29686813950816
6	$\mathcal{O}(2; \{6^{31}, 3, 2^7\})$	1855425872736
6	$\mathcal{O}(2; \{6^{31}, 3^4, 2^3\})$	14843406974112
6	$\mathcal{O}(2; \{6^{32}, 3^2, 2^4\})$	7421703488352
6	$\mathcal{O}(2; \{6^{32}, 3^5\})$	59373627899040
6	$\mathcal{O}(2; \{6^{33}, 2^5\})$	3710851742880
6	$\mathcal{O}(2; \{6^{33}, 3^3, 2\})$	29686813950816
6	$\mathcal{O}(2; \{6^{34}, 3, 2^2\})$	14843406974112
6	$\mathcal{O}(2; \{6^{36}\})$	29686813950816
6	$\mathcal{O}(1; \{2^{64}\})$	32
6	$\mathcal{O}(1; \{3^3, 2^{60}\})$	72
6	$\mathcal{O}(1; \{3^6, 2^{56}\})$	792
6	$\mathcal{O}(1; \{3^9, 2^{52}\})$	6120
6	$\mathcal{O}(1; \{3^{12}, 2^{48}\})$	49176
6	$\mathcal{O}(1; \{3^{15}, 2^{44}\})$	393192
6	$\mathcal{O}(1; \{3^{18}, 2^{40}\})$	3145752
6	$\mathcal{O}(1; \{3^{21}, 2^{36}\})$	25165800
6	$\mathcal{O}(1; \{3^{24}, 2^{32}\})$	201326616
6	$\mathcal{O}(1; \{3^{27}, 2^{28}\})$	1610612712
6	$\mathcal{O}(1; \{3^{30}, 2^{24}\})$	12884901912
6	$\mathcal{O}(1; \{3^{33}, 2^{20}\})$	103079215080
6	$\mathcal{O}(1; \{3^{36}, 2^{16}\})$	824633720856
6	$\mathcal{O}(1; \{3^{39}, 2^{12}\})$	6597069766632
6	$\mathcal{O}(1; \{3^{42}, 2^8\})$	52776558133272
6	$\mathcal{O}(1; \{3^{45}, 2^4\})$	422212465065960
6	$\mathcal{O}(1; \{3^{48}\})$	2533274790395922
6	$\mathcal{O}(1; \{6, 3, 2^{61}\})$	72
6	$\mathcal{O}(1; \{6, 3^4, 2^{57}\})$	360
6	$\mathcal{O}(1; \{6, 3^7, 2^{53}\})$	3096
6	$\mathcal{O}(1; \{6, 3^{10}, 2^{49}\})$	24552
6	$\mathcal{O}(1; \{6, 3^{13}, 2^{45}\})$	196632
6	$\mathcal{O}(1; \{6, 3^{16}, 2^{41}\})$	1572840

Continued on next page

Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6, 3^{19}, 2^{37}\})$	12582936
6	$\mathcal{O}(1; \{6, 3^{22}, 2^{33}\})$	100663272
6	$\mathcal{O}(1; \{6, 3^{25}, 2^{29}\})$	805306392
6	$\mathcal{O}(1; \{6, 3^{28}, 2^{25}\})$	6442450920
6	$\mathcal{O}(1; \{6, 3^{31}, 2^{21}\})$	51539607576
6	$\mathcal{O}(1; \{6, 3^{34}, 2^{17}\})$	412316860392
6	$\mathcal{O}(1; \{6, 3^{37}, 2^{13}\})$	3298534883352
6	$\mathcal{O}(1; \{6, 3^{40}, 2^9\})$	26388279066600
6	$\mathcal{O}(1; \{6, 3^{43}, 2^5\})$	211106232533016
6	$\mathcal{O}(1; \{6, 3^{46}, 2\})$	1688849860263912
6	$\mathcal{O}(1; \{6^2, 3^2, 2^{58}\})$	216
6	$\mathcal{O}(1; \{6^2, 3^5, 2^{54}\})$	1512
6	$\mathcal{O}(1; \{6^2, 3^8, 2^{50}\})$	12312
6	$\mathcal{O}(1; \{6^2, 3^{11}, 2^{46}\})$	98280
6	$\mathcal{O}(1; \{6^2, 3^{14}, 2^{42}\})$	786456
6	$\mathcal{O}(1; \{6^2, 3^{17}, 2^{38}\})$	6291432
6	$\mathcal{O}(1; \{6^2, 3^{20}, 2^{34}\})$	50331672
6	$\mathcal{O}(1; \{6^2, 3^{23}, 2^{30}\})$	402653160
6	$\mathcal{O}(1; \{6^2, 3^{26}, 2^{26}\})$	3221225496
6	$\mathcal{O}(1; \{6^2, 3^{29}, 2^{22}\})$	25769803752
6	$\mathcal{O}(1; \{6^2, 3^{32}, 2^{18}\})$	206158430232
6	$\mathcal{O}(1; \{6^2, 3^{35}, 2^{14}\})$	1649267441640
6	$\mathcal{O}(1; \{6^2, 3^{38}, 2^{10}\})$	13194139533336
6	$\mathcal{O}(1; \{6^2, 3^{41}, 2^6\})$	105553116266472
6	$\mathcal{O}(1; \{6^2, 3^{44}, 2^2\})$	844424930131992
6	$\mathcal{O}(1; \{6^3, 2^{59}\})$	72
6	$\mathcal{O}(1; \{6^3, 3^3, 2^{55}\})$	792
6	$\mathcal{O}(1; \{6^3, 3^6, 2^{51}\})$	6120
6	$\mathcal{O}(1; \{6^3, 3^9, 2^{47}\})$	49176
6	$\mathcal{O}(1; \{6^3, 3^{12}, 2^{43}\})$	393192
6	$\mathcal{O}(1; \{6^3, 3^{15}, 2^{39}\})$	3145752
6	$\mathcal{O}(1; \{6^3, 3^{18}, 2^{35}\})$	25165800
6	$\mathcal{O}(1; \{6^3, 3^{21}, 2^{31}\})$	201326616
6	$\mathcal{O}(1; \{6^3, 3^{24}, 2^{27}\})$	1610612712
6	$\mathcal{O}(1; \{6^3, 3^{27}, 2^{23}\})$	12884901912
6	$\mathcal{O}(1; \{6^3, 3^{30}, 2^{19}\})$	103079215080
6	$\mathcal{O}(1; \{6^3, 3^{33}, 2^{15}\})$	824633720856
6	$\mathcal{O}(1; \{6^3, 3^{36}, 2^{11}\})$	6597069766632
6	$\mathcal{O}(1; \{6^3, 3^{39}, 2^7\})$	52776558133272
6	$\mathcal{O}(1; \{6^3, 3^{42}, 2^3\})$	422212465065960
6	$\mathcal{O}(1; \{6^4, 3, 2^{56}\})$	360
6	$\mathcal{O}(1; \{6^4, 3^4, 2^{52}\})$	3096
6	$\mathcal{O}(1; \{6^4, 3^7, 2^{48}\})$	24552

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^4, 3^{10}, 2^{44}\})$	196632
6	$\mathcal{O}(1; \{6^4, 3^{13}, 2^{40}\})$	1572840
6	$\mathcal{O}(1; \{6^4, 3^{16}, 2^{36}\})$	12582936
6	$\mathcal{O}(1; \{6^4, 3^{19}, 2^{32}\})$	100663272
6	$\mathcal{O}(1; \{6^4, 3^{22}, 2^{28}\})$	805306392
6	$\mathcal{O}(1; \{6^4, 3^{25}, 2^{24}\})$	6442450920
6	$\mathcal{O}(1; \{6^4, 3^{28}, 2^{20}\})$	51539607576
6	$\mathcal{O}(1; \{6^4, 3^{31}, 2^{16}\})$	412316860392
6	$\mathcal{O}(1; \{6^4, 3^{34}, 2^{12}\})$	3298534883352
6	$\mathcal{O}(1; \{6^4, 3^{37}, 2^8\})$	26388279066600
6	$\mathcal{O}(1; \{6^4, 3^{40}, 2^4\})$	211106232533016
6	$\mathcal{O}(1; \{6^4, 3^{43}\})$	1688849860263912
6	$\mathcal{O}(1; \{6^5, 3^2, 2^{53}\})$	1512
6	$\mathcal{O}(1; \{6^5, 3^5, 2^{49}\})$	12312
6	$\mathcal{O}(1; \{6^5, 3^8, 2^{45}\})$	98280
6	$\mathcal{O}(1; \{6^5, 3^{11}, 2^{41}\})$	786456
6	$\mathcal{O}(1; \{6^5, 3^{14}, 2^{37}\})$	6291432
6	$\mathcal{O}(1; \{6^5, 3^{17}, 2^{33}\})$	50331672
6	$\mathcal{O}(1; \{6^5, 3^{20}, 2^{29}\})$	402653160
6	$\mathcal{O}(1; \{6^5, 3^{23}, 2^{25}\})$	3221225496
6	$\mathcal{O}(1; \{6^5, 3^{26}, 2^{21}\})$	25769803752
6	$\mathcal{O}(1; \{6^5, 3^{29}, 2^{17}\})$	206158430232
6	$\mathcal{O}(1; \{6^5, 3^{32}, 2^{13}\})$	1649267441640
6	$\mathcal{O}(1; \{6^5, 3^{35}, 2^9\})$	13194139533336
6	$\mathcal{O}(1; \{6^5, 3^{38}, 2^5\})$	105553116266472
6	$\mathcal{O}(1; \{6^5, 3^{41}, 2\})$	844424930131992
6	$\mathcal{O}(1; \{6^6, 2^{54}\})$	792
6	$\mathcal{O}(1; \{6^6, 3^3, 2^{50}\})$	6120
6	$\mathcal{O}(1; \{6^6, 3^6, 2^{46}\})$	49176
6	$\mathcal{O}(1; \{6^6, 3^9, 2^{42}\})$	393192
6	$\mathcal{O}(1; \{6^6, 3^{12}, 2^{38}\})$	3145752
6	$\mathcal{O}(1; \{6^6, 3^{15}, 2^{34}\})$	25165800
6	$\mathcal{O}(1; \{6^6, 3^{18}, 2^{30}\})$	201326616
6	$\mathcal{O}(1; \{6^6, 3^{21}, 2^{26}\})$	1610612712
6	$\mathcal{O}(1; \{6^6, 3^{24}, 2^{22}\})$	12884901912
6	$\mathcal{O}(1; \{6^6, 3^{27}, 2^{18}\})$	103079215080
6	$\mathcal{O}(1; \{6^6, 3^{30}, 2^{14}\})$	824633720856
6	$\mathcal{O}(1; \{6^6, 3^{33}, 2^{10}\})$	6597069766632
6	$\mathcal{O}(1; \{6^6, 3^{36}, 2^6\})$	52776558133272
6	$\mathcal{O}(1; \{6^6, 3^{39}, 2^2\})$	422212465065960
6	$\mathcal{O}(1; \{6^7, 3, 2^{51}\})$	3096
6	$\mathcal{O}(1; \{6^7, 3^4, 2^{47}\})$	24552
6	$\mathcal{O}(1; \{6^7, 3^7, 2^{43}\})$	196632

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^7, 3^{10}, 2^{39}\})$	1572840
6	$\mathcal{O}(1; \{6^7, 3^{13}, 2^{35}\})$	12582936
6	$\mathcal{O}(1; \{6^7, 3^{16}, 2^{31}\})$	100663272
6	$\mathcal{O}(1; \{6^7, 3^{19}, 2^{27}\})$	805306392
6	$\mathcal{O}(1; \{6^7, 3^{22}, 2^{23}\})$	6442450920
6	$\mathcal{O}(1; \{6^7, 3^{25}, 2^{19}\})$	51539607576
6	$\mathcal{O}(1; \{6^7, 3^{28}, 2^{15}\})$	412316860392
6	$\mathcal{O}(1; \{6^7, 3^{31}, 2^{11}\})$	3298534883352
6	$\mathcal{O}(1; \{6^7, 3^{34}, 2^7\})$	26388279066600
6	$\mathcal{O}(1; \{6^7, 3^{37}, 2^3\})$	211106232533016
6	$\mathcal{O}(1; \{6^8, 3^2, 2^{48}\})$	12312
6	$\mathcal{O}(1; \{6^8, 3^5, 2^{44}\})$	98280
6	$\mathcal{O}(1; \{6^8, 3^8, 2^{40}\})$	786456
6	$\mathcal{O}(1; \{6^8, 3^{11}, 2^{36}\})$	6291432
6	$\mathcal{O}(1; \{6^8, 3^{14}, 2^{32}\})$	50331672
6	$\mathcal{O}(1; \{6^8, 3^{17}, 2^{28}\})$	402653160
6	$\mathcal{O}(1; \{6^8, 3^{20}, 2^{24}\})$	3221225496
6	$\mathcal{O}(1; \{6^8, 3^{23}, 2^{20}\})$	25769803752
6	$\mathcal{O}(1; \{6^8, 3^{26}, 2^{16}\})$	206158430232
6	$\mathcal{O}(1; \{6^8, 3^{29}, 2^{12}\})$	1649267441640
6	$\mathcal{O}(1; \{6^8, 3^{32}, 2^8\})$	13194139533336
6	$\mathcal{O}(1; \{6^8, 3^{35}, 2^4\})$	105553116266472
6	$\mathcal{O}(1; \{6^8, 3^{38}\})$	844424930131992
6	$\mathcal{O}(1; \{6^9, 2^{49}\})$	6120
6	$\mathcal{O}(1; \{6^9, 3^3, 2^{45}\})$	49176
6	$\mathcal{O}(1; \{6^9, 3^6, 2^{41}\})$	393192
6	$\mathcal{O}(1; \{6^9, 3^9, 2^{37}\})$	3145752
6	$\mathcal{O}(1; \{6^9, 3^{12}, 2^{33}\})$	25165800
6	$\mathcal{O}(1; \{6^9, 3^{15}, 2^{29}\})$	201326616
6	$\mathcal{O}(1; \{6^9, 3^{18}, 2^{25}\})$	1610612712
6	$\mathcal{O}(1; \{6^9, 3^{21}, 2^{21}\})$	12884901912
6	$\mathcal{O}(1; \{6^9, 3^{24}, 2^{17}\})$	103079215080
6	$\mathcal{O}(1; \{6^9, 3^{27}, 2^{13}\})$	824633720856
6	$\mathcal{O}(1; \{6^9, 3^{30}, 2^9\})$	6597069766632
6	$\mathcal{O}(1; \{6^9, 3^{33}, 2^5\})$	52776558133272
6	$\mathcal{O}(1; \{6^9, 3^{36}, 2\})$	422212465065960
6	$\mathcal{O}(1; \{6^{10}, 3, 2^{46}\})$	24552
6	$\mathcal{O}(1; \{6^{10}, 3^4, 2^{42}\})$	196632
6	$\mathcal{O}(1; \{6^{10}, 3^7, 2^{38}\})$	1572840
6	$\mathcal{O}(1; \{6^{10}, 3^{10}, 2^{34}\})$	12582936
6	$\mathcal{O}(1; \{6^{10}, 3^{13}, 2^{30}\})$	100663272
6	$\mathcal{O}(1; \{6^{10}, 3^{16}, 2^{26}\})$	805306392
6	$\mathcal{O}(1; \{6^{10}, 3^{19}, 2^{22}\})$	6442450920

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{10}, 3^{22}, 2^{18}\})$	51539607576
6	$\mathcal{O}(1; \{6^{10}, 3^{25}, 2^{14}\})$	412316860392
6	$\mathcal{O}(1; \{6^{10}, 3^{28}, 2^{10}\})$	3298534883352
6	$\mathcal{O}(1; \{6^{10}, 3^{31}, 2^6\})$	26388279066600
6	$\mathcal{O}(1; \{6^{10}, 3^{34}, 2^2\})$	211106232533016
6	$\mathcal{O}(1; \{6^{11}, 3^2, 2^{43}\})$	98280
6	$\mathcal{O}(1; \{6^{11}, 3^5, 2^{39}\})$	786456
6	$\mathcal{O}(1; \{6^{11}, 3^8, 2^{35}\})$	6291432
6	$\mathcal{O}(1; \{6^{11}, 3^{11}, 2^{31}\})$	50331672
6	$\mathcal{O}(1; \{6^{11}, 3^{14}, 2^{27}\})$	402653160
6	$\mathcal{O}(1; \{6^{11}, 3^{17}, 2^{23}\})$	3221225496
6	$\mathcal{O}(1; \{6^{11}, 3^{20}, 2^{19}\})$	25769803752
6	$\mathcal{O}(1; \{6^{11}, 3^{23}, 2^{15}\})$	206158430232
6	$\mathcal{O}(1; \{6^{11}, 3^{26}, 2^{11}\})$	1649267441640
6	$\mathcal{O}(1; \{6^{11}, 3^{29}, 2^7\})$	13194139533336
6	$\mathcal{O}(1; \{6^{11}, 3^{32}, 2^3\})$	105553116266472
6	$\mathcal{O}(1; \{6^{12}, 2^{44}\})$	49176
6	$\mathcal{O}(1; \{6^{12}, 3^3, 2^{40}\})$	393192
6	$\mathcal{O}(1; \{6^{12}, 3^6, 2^{36}\})$	3145752
6	$\mathcal{O}(1; \{6^{12}, 3^9, 2^{32}\})$	25165800
6	$\mathcal{O}(1; \{6^{12}, 3^{12}, 2^{28}\})$	201326616
6	$\mathcal{O}(1; \{6^{12}, 3^{15}, 2^{24}\})$	1610612712
6	$\mathcal{O}(1; \{6^{12}, 3^{18}, 2^{20}\})$	12884901912
6	$\mathcal{O}(1; \{6^{12}, 3^{21}, 2^{16}\})$	103079215080
6	$\mathcal{O}(1; \{6^{12}, 3^{24}, 2^{12}\})$	824633720856
6	$\mathcal{O}(1; \{6^{12}, 3^{27}, 2^8\})$	6597069766632
6	$\mathcal{O}(1; \{6^{12}, 3^{30}, 2^4\})$	52776558133272
6	$\mathcal{O}(1; \{6^{12}, 3^{33}\})$	422212465065960
6	$\mathcal{O}(1; \{6^{13}, 3, 2^{41}\})$	196632
6	$\mathcal{O}(1; \{6^{13}, 3^4, 2^{37}\})$	1572840
6	$\mathcal{O}(1; \{6^{13}, 3^7, 2^{33}\})$	12582936
6	$\mathcal{O}(1; \{6^{13}, 3^{10}, 2^{29}\})$	100663272
6	$\mathcal{O}(1; \{6^{13}, 3^{13}, 2^{25}\})$	805306392
6	$\mathcal{O}(1; \{6^{13}, 3^{16}, 2^{21}\})$	6442450920
6	$\mathcal{O}(1; \{6^{13}, 3^{19}, 2^{17}\})$	51539607576
6	$\mathcal{O}(1; \{6^{13}, 3^{22}, 2^{13}\})$	412316860392
6	$\mathcal{O}(1; \{6^{13}, 3^{25}, 2^9\})$	3298534883352
6	$\mathcal{O}(1; \{6^{13}, 3^{28}, 2^5\})$	26388279066600
6	$\mathcal{O}(1; \{6^{13}, 3^{31}, 2\})$	211106232533016
6	$\mathcal{O}(1; \{6^{14}, 3^2, 2^{38}\})$	786456
6	$\mathcal{O}(1; \{6^{14}, 3^5, 2^{34}\})$	6291432
6	$\mathcal{O}(1; \{6^{14}, 3^8, 2^{30}\})$	50331672
6	$\mathcal{O}(1; \{6^{14}, 3^{11}, 2^{26}\})$	402653160

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{14}, 3^{14}, 2^{22}\})$	3221225496
6	$\mathcal{O}(1; \{6^{14}, 3^{17}, 2^{18}\})$	25769803752
6	$\mathcal{O}(1; \{6^{14}, 3^{20}, 2^{14}\})$	206158430232
6	$\mathcal{O}(1; \{6^{14}, 3^{23}, 2^{10}\})$	1649267441640
6	$\mathcal{O}(1; \{6^{14}, 3^{26}, 2^6\})$	13194139533336
6	$\mathcal{O}(1; \{6^{14}, 3^{29}, 2^2\})$	105553116266472
6	$\mathcal{O}(1; \{6^{15}, 2^{39}\})$	393192
6	$\mathcal{O}(1; \{6^{15}, 3^3, 2^{35}\})$	3145752
6	$\mathcal{O}(1; \{6^{15}, 3^6, 2^{31}\})$	25165800
6	$\mathcal{O}(1; \{6^{15}, 3^9, 2^{27}\})$	201326616
6	$\mathcal{O}(1; \{6^{15}, 3^{12}, 2^{23}\})$	1610612712
6	$\mathcal{O}(1; \{6^{15}, 3^{15}, 2^{19}\})$	12884901912
6	$\mathcal{O}(1; \{6^{15}, 3^{18}, 2^{15}\})$	103079215080
6	$\mathcal{O}(1; \{6^{15}, 3^{21}, 2^{11}\})$	824633720856
6	$\mathcal{O}(1; \{6^{15}, 3^{24}, 2^7\})$	6597069766632
6	$\mathcal{O}(1; \{6^{15}, 3^{27}, 2^3\})$	52776558133272
6	$\mathcal{O}(1; \{6^{16}, 3, 2^{36}\})$	1572840
6	$\mathcal{O}(1; \{6^{16}, 3^4, 2^{32}\})$	12582936
6	$\mathcal{O}(1; \{6^{16}, 3^7, 2^{28}\})$	100663272
6	$\mathcal{O}(1; \{6^{16}, 3^{10}, 2^{24}\})$	805306392
6	$\mathcal{O}(1; \{6^{16}, 3^{13}, 2^{20}\})$	6442450920
6	$\mathcal{O}(1; \{6^{16}, 3^{16}, 2^{16}\})$	51539607576
6	$\mathcal{O}(1; \{6^{16}, 3^{19}, 2^{12}\})$	412316860392
6	$\mathcal{O}(1; \{6^{16}, 3^{22}, 2^8\})$	3298534883352
6	$\mathcal{O}(1; \{6^{16}, 3^{25}, 2^4\})$	26388279066600
6	$\mathcal{O}(1; \{6^{16}, 3^{28}\})$	211106232533016
6	$\mathcal{O}(1; \{6^{17}, 3^2, 2^{33}\})$	6291432
6	$\mathcal{O}(1; \{6^{17}, 3^5, 2^{29}\})$	50331672
6	$\mathcal{O}(1; \{6^{17}, 3^8, 2^{25}\})$	402653160
6	$\mathcal{O}(1; \{6^{17}, 3^{11}, 2^{21}\})$	3221225496
6	$\mathcal{O}(1; \{6^{17}, 3^{14}, 2^{17}\})$	25769803752
6	$\mathcal{O}(1; \{6^{17}, 3^{17}, 2^{13}\})$	206158430232
6	$\mathcal{O}(1; \{6^{17}, 3^{20}, 2^9\})$	1649267441640
6	$\mathcal{O}(1; \{6^{17}, 3^{23}, 2^5\})$	13194139533336
6	$\mathcal{O}(1; \{6^{17}, 3^{26}, 2\})$	105553116266472
6	$\mathcal{O}(1; \{6^{18}, 2^{34}\})$	3145752
6	$\mathcal{O}(1; \{6^{18}, 3^3, 2^{30}\})$	25165800
6	$\mathcal{O}(1; \{6^{18}, 3^6, 2^{26}\})$	201326616
6	$\mathcal{O}(1; \{6^{18}, 3^9, 2^{22}\})$	1610612712
6	$\mathcal{O}(1; \{6^{18}, 3^{12}, 2^{18}\})$	12884901912
6	$\mathcal{O}(1; \{6^{18}, 3^{15}, 2^{14}\})$	103079215080
6	$\mathcal{O}(1; \{6^{18}, 3^{18}, 2^{10}\})$	824633720856
6	$\mathcal{O}(1; \{6^{18}, 3^{21}, 2^6\})$	6597069766632

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{18}, 3^{24}, 2^2\})$	52776558133272
6	$\mathcal{O}(1; \{6^{19}, 3, 2^{31}\})$	12582936
6	$\mathcal{O}(1; \{6^{19}, 3^4, 2^{27}\})$	100663272
6	$\mathcal{O}(1; \{6^{19}, 3^7, 2^{23}\})$	805306392
6	$\mathcal{O}(1; \{6^{19}, 3^{10}, 2^{19}\})$	6442450920
6	$\mathcal{O}(1; \{6^{19}, 3^{13}, 2^{15}\})$	51539607576
6	$\mathcal{O}(1; \{6^{19}, 3^{16}, 2^{11}\})$	412316860392
6	$\mathcal{O}(1; \{6^{19}, 3^{19}, 2^7\})$	3298534883352
6	$\mathcal{O}(1; \{6^{19}, 3^{22}, 2^3\})$	26388279066600
6	$\mathcal{O}(1; \{6^{20}, 3^2, 2^{28}\})$	50331672
6	$\mathcal{O}(1; \{6^{20}, 3^5, 2^{24}\})$	402653160
6	$\mathcal{O}(1; \{6^{20}, 3^8, 2^{20}\})$	3221225496
6	$\mathcal{O}(1; \{6^{20}, 3^{11}, 2^{16}\})$	25769803752
6	$\mathcal{O}(1; \{6^{20}, 3^{14}, 2^{12}\})$	206158430232
6	$\mathcal{O}(1; \{6^{20}, 3^{17}, 2^8\})$	1649267441640
6	$\mathcal{O}(1; \{6^{20}, 3^{20}, 2^4\})$	13194139533336
6	$\mathcal{O}(1; \{6^{20}, 3^{23}\})$	105553116266472
6	$\mathcal{O}(1; \{6^{21}, 2^{29}\})$	25165800
6	$\mathcal{O}(1; \{6^{21}, 3^3, 2^{25}\})$	201326616
6	$\mathcal{O}(1; \{6^{21}, 3^6, 2^{21}\})$	1610612712
6	$\mathcal{O}(1; \{6^{21}, 3^9, 2^{17}\})$	12884901912
6	$\mathcal{O}(1; \{6^{21}, 3^{12}, 2^{13}\})$	103079215080
6	$\mathcal{O}(1; \{6^{21}, 3^{15}, 2^9\})$	824633720856
6	$\mathcal{O}(1; \{6^{21}, 3^{18}, 2^5\})$	6597069766632
6	$\mathcal{O}(1; \{6^{21}, 3^{21}, 2\})$	52776558133272
6	$\mathcal{O}(1; \{6^{22}, 3, 2^{26}\})$	100663272
6	$\mathcal{O}(1; \{6^{22}, 3^4, 2^{22}\})$	805306392
6	$\mathcal{O}(1; \{6^{22}, 3^7, 2^{18}\})$	6442450920
6	$\mathcal{O}(1; \{6^{22}, 3^{10}, 2^{14}\})$	51539607576
6	$\mathcal{O}(1; \{6^{22}, 3^{13}, 2^{10}\})$	412316860392
6	$\mathcal{O}(1; \{6^{22}, 3^{16}, 2^6\})$	3298534883352
6	$\mathcal{O}(1; \{6^{22}, 3^{19}, 2^2\})$	26388279066600
6	$\mathcal{O}(1; \{6^{23}, 3^2, 2^{23}\})$	402653160
6	$\mathcal{O}(1; \{6^{23}, 3^5, 2^{19}\})$	3221225496
6	$\mathcal{O}(1; \{6^{23}, 3^8, 2^{15}\})$	25769803752
6	$\mathcal{O}(1; \{6^{23}, 3^{11}, 2^{11}\})$	206158430232
6	$\mathcal{O}(1; \{6^{23}, 3^{14}, 2^7\})$	1649267441640
6	$\mathcal{O}(1; \{6^{23}, 3^{17}, 2^3\})$	13194139533336
6	$\mathcal{O}(1; \{6^{24}, 2^{24}\})$	201326616
6	$\mathcal{O}(1; \{6^{24}, 3^3, 2^{20}\})$	1610612712
6	$\mathcal{O}(1; \{6^{24}, 3^6, 2^{16}\})$	12884901912
6	$\mathcal{O}(1; \{6^{24}, 3^9, 2^{12}\})$	103079215080
6	$\mathcal{O}(1; \{6^{24}, 3^{12}, 2^8\})$	824633720856

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{24}, 3^{15}, 2^4\})$	6597069766632
6	$\mathcal{O}(1; \{6^{24}, 3^{18}\})$	52776558133272
6	$\mathcal{O}(1; \{6^{25}, 3, 2^{21}\})$	805306392
6	$\mathcal{O}(1; \{6^{25}, 3^4, 2^{17}\})$	6442450920
6	$\mathcal{O}(1; \{6^{25}, 3^7, 2^{13}\})$	51539607576
6	$\mathcal{O}(1; \{6^{25}, 3^{10}, 2^9\})$	412316860392
6	$\mathcal{O}(1; \{6^{25}, 3^{13}, 2^5\})$	3298534883352
6	$\mathcal{O}(1; \{6^{25}, 3^{16}, 2\})$	26388279066600
6	$\mathcal{O}(1; \{6^{26}, 3^2, 2^{18}\})$	3221225496
6	$\mathcal{O}(1; \{6^{26}, 3^5, 2^{14}\})$	25769803752
6	$\mathcal{O}(1; \{6^{26}, 3^8, 2^{10}\})$	206158430232
6	$\mathcal{O}(1; \{6^{26}, 3^{11}, 2^6\})$	1649267441640
6	$\mathcal{O}(1; \{6^{26}, 3^{14}, 2^2\})$	13194139533336
6	$\mathcal{O}(1; \{6^{27}, 2^{19}\})$	1610612712
6	$\mathcal{O}(1; \{6^{27}, 3^3, 2^{15}\})$	12884901912
6	$\mathcal{O}(1; \{6^{27}, 3^6, 2^{11}\})$	103079215080
6	$\mathcal{O}(1; \{6^{27}, 3^9, 2^7\})$	824633720856
6	$\mathcal{O}(1; \{6^{27}, 3^{12}, 2^3\})$	6597069766632
6	$\mathcal{O}(1; \{6^{28}, 3, 2^{16}\})$	6442450920
6	$\mathcal{O}(1; \{6^{28}, 3^4, 2^{12}\})$	51539607576
6	$\mathcal{O}(1; \{6^{28}, 3^7, 2^8\})$	412316860392
6	$\mathcal{O}(1; \{6^{28}, 3^{10}, 2^4\})$	3298534883352
6	$\mathcal{O}(1; \{6^{28}, 3^{13}\})$	26388279066600
6	$\mathcal{O}(1; \{6^{29}, 3^2, 2^{13}\})$	25769803752
6	$\mathcal{O}(1; \{6^{29}, 3^5, 2^9\})$	206158430232
6	$\mathcal{O}(1; \{6^{29}, 3^8, 2^5\})$	1649267441640
6	$\mathcal{O}(1; \{6^{29}, 3^{11}, 2\})$	13194139533336
6	$\mathcal{O}(1; \{6^{30}, 2^{14}\})$	12884901912
6	$\mathcal{O}(1; \{6^{30}, 3^3, 2^{10}\})$	103079215080
6	$\mathcal{O}(1; \{6^{30}, 3^6, 2^6\})$	824633720856
6	$\mathcal{O}(1; \{6^{30}, 3^9, 2^2\})$	6597069766632
6	$\mathcal{O}(1; \{6^{31}, 3, 2^{11}\})$	51539607576
6	$\mathcal{O}(1; \{6^{31}, 3^4, 2^7\})$	412316860392
6	$\mathcal{O}(1; \{6^{31}, 3^7, 2^3\})$	3298534883352
6	$\mathcal{O}(1; \{6^{32}, 3^2, 2^8\})$	206158430232
6	$\mathcal{O}(1; \{6^{32}, 3^5, 2^4\})$	1649267441640
6	$\mathcal{O}(1; \{6^{32}, 3^8\})$	13194139533336
6	$\mathcal{O}(1; \{6^{33}, 2^9\})$	103079215080
6	$\mathcal{O}(1; \{6^{33}, 3^3, 2^5\})$	824633720856
6	$\mathcal{O}(1; \{6^{33}, 3^6, 2\})$	6597069766632
6	$\mathcal{O}(1; \{6^{34}, 3, 2^6\})$	412316860392
6	$\mathcal{O}(1; \{6^{34}, 3^4, 2^2\})$	3298534883352
6	$\mathcal{O}(1; \{6^{35}, 3^2, 2^3\})$	1649267441640

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{36}, 2^4\})$	824633720856
6	$\mathcal{O}(1; \{6^{36}, 3^3\})$	6597069766632
6	$\mathcal{O}(1; \{6^{37}, 3, 2\})$	3298534883352
6	$\mathcal{O}(0; \{3^3, 2^{64}\})$	2
6	$\mathcal{O}(0; \{3^6, 2^{60}\})$	22
6	$\mathcal{O}(0; \{3^9, 2^{56}\})$	170
6	$\mathcal{O}(0; \{3^{12}, 2^{52}\})$	1366
6	$\mathcal{O}(0; \{3^{15}, 2^{48}\})$	10922
6	$\mathcal{O}(0; \{3^{18}, 2^{44}\})$	87382
6	$\mathcal{O}(0; \{3^{21}, 2^{40}\})$	699050
6	$\mathcal{O}(0; \{3^{24}, 2^{36}\})$	5592406
6	$\mathcal{O}(0; \{3^{27}, 2^{32}\})$	44739242
6	$\mathcal{O}(0; \{3^{30}, 2^{28}\})$	357913942
6	$\mathcal{O}(0; \{3^{33}, 2^{24}\})$	2863311530
6	$\mathcal{O}(0; \{3^{36}, 2^{20}\})$	22906492246
6	$\mathcal{O}(0; \{3^{39}, 2^{16}\})$	183251937962
6	$\mathcal{O}(0; \{3^{42}, 2^{12}\})$	1466015503702
6	$\mathcal{O}(0; \{3^{45}, 2^8\})$	11728124029610
6	$\mathcal{O}(0; \{3^{48}, 2^4\})$	93824992236886
6	$\mathcal{O}(0; \{6, 3, 2^{65}\})$	2
6	$\mathcal{O}(0; \{6, 3^4, 2^{61}\})$	10
6	$\mathcal{O}(0; \{6, 3^7, 2^{57}\})$	86
6	$\mathcal{O}(0; \{6, 3^{10}, 2^{53}\})$	682
6	$\mathcal{O}(0; \{6, 3^{13}, 2^{49}\})$	5462
6	$\mathcal{O}(0; \{6, 3^{16}, 2^{45}\})$	43690
6	$\mathcal{O}(0; \{6, 3^{19}, 2^{41}\})$	349526
6	$\mathcal{O}(0; \{6, 3^{22}, 2^{37}\})$	2796202
6	$\mathcal{O}(0; \{6, 3^{25}, 2^{33}\})$	22369622
6	$\mathcal{O}(0; \{6, 3^{28}, 2^{29}\})$	178956970
6	$\mathcal{O}(0; \{6, 3^{31}, 2^{25}\})$	1431655766
6	$\mathcal{O}(0; \{6, 3^{34}, 2^{21}\})$	11453246122
6	$\mathcal{O}(0; \{6, 3^{37}, 2^{17}\})$	91625968982
6	$\mathcal{O}(0; \{6, 3^{40}, 2^{13}\})$	733007751850
6	$\mathcal{O}(0; \{6, 3^{43}, 2^9\})$	5864062014806
6	$\mathcal{O}(0; \{6, 3^{46}, 2^5\})$	46912496118442
6	$\mathcal{O}(0; \{6, 3^{49}, 2\})$	375299968947542
6	$\mathcal{O}(0; \{6^2, 3^2, 2^{62}\})$	6
6	$\mathcal{O}(0; \{6^2, 3^5, 2^{58}\})$	42
6	$\mathcal{O}(0; \{6^2, 3^8, 2^{54}\})$	342
6	$\mathcal{O}(0; \{6^2, 3^{11}, 2^{50}\})$	2730
6	$\mathcal{O}(0; \{6^2, 3^{14}, 2^{46}\})$	21846
6	$\mathcal{O}(0; \{6^2, 3^{17}, 2^{42}\})$	174762
6	$\mathcal{O}(0; \{6^2, 3^{20}, 2^{38}\})$	1398102

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^2, 3^{23}, 2^{34}\})$	11184810
6	$\mathcal{O}(0; \{6^2, 3^{26}, 2^{30}\})$	89478486
6	$\mathcal{O}(0; \{6^2, 3^{29}, 2^{26}\})$	715827882
6	$\mathcal{O}(0; \{6^2, 3^{32}, 2^{22}\})$	5726623062
6	$\mathcal{O}(0; \{6^2, 3^{35}, 2^{18}\})$	45812984490
6	$\mathcal{O}(0; \{6^2, 3^{38}, 2^{14}\})$	366503875926
6	$\mathcal{O}(0; \{6^2, 3^{41}, 2^{10}\})$	2932031007402
6	$\mathcal{O}(0; \{6^2, 3^{44}, 2^6\})$	23456248059222
6	$\mathcal{O}(0; \{6^2, 3^{47}, 2^2\})$	187649984473770
6	$\mathcal{O}(0; \{6^3, 2^{63}\})$	2
6	$\mathcal{O}(0; \{6^3, 3^3, 2^{59}\})$	22
6	$\mathcal{O}(0; \{6^3, 3^6, 2^{55}\})$	170
6	$\mathcal{O}(0; \{6^3, 3^9, 2^{51}\})$	1366
6	$\mathcal{O}(0; \{6^3, 3^{12}, 2^{47}\})$	10922
6	$\mathcal{O}(0; \{6^3, 3^{15}, 2^{43}\})$	87382
6	$\mathcal{O}(0; \{6^3, 3^{18}, 2^{39}\})$	699050
6	$\mathcal{O}(0; \{6^3, 3^{21}, 2^{35}\})$	5592406
6	$\mathcal{O}(0; \{6^3, 3^{24}, 2^{31}\})$	44739242
6	$\mathcal{O}(0; \{6^3, 3^{27}, 2^{27}\})$	357913942
6	$\mathcal{O}(0; \{6^3, 3^{30}, 2^{23}\})$	2863311530
6	$\mathcal{O}(0; \{6^3, 3^{33}, 2^{19}\})$	22906492246
6	$\mathcal{O}(0; \{6^3, 3^{36}, 2^{15}\})$	183251937962
6	$\mathcal{O}(0; \{6^3, 3^{39}, 2^{11}\})$	1466015503702
6	$\mathcal{O}(0; \{6^3, 3^{42}, 2^7\})$	11728124029610
6	$\mathcal{O}(0; \{6^3, 3^{45}, 2^3\})$	93824992236886
6	$\mathcal{O}(0; \{6^4, 3, 2^{60}\})$	10
6	$\mathcal{O}(0; \{6^4, 3^4, 2^{56}\})$	86
6	$\mathcal{O}(0; \{6^4, 3^7, 2^{52}\})$	682
6	$\mathcal{O}(0; \{6^4, 3^{10}, 2^{48}\})$	5462
6	$\mathcal{O}(0; \{6^4, 3^{13}, 2^{44}\})$	43690
6	$\mathcal{O}(0; \{6^4, 3^{16}, 2^{40}\})$	349526
6	$\mathcal{O}(0; \{6^4, 3^{19}, 2^{36}\})$	2796202
6	$\mathcal{O}(0; \{6^4, 3^{22}, 2^{32}\})$	22369622
6	$\mathcal{O}(0; \{6^4, 3^{25}, 2^{28}\})$	178956970
6	$\mathcal{O}(0; \{6^4, 3^{28}, 2^{24}\})$	1431655766
6	$\mathcal{O}(0; \{6^4, 3^{31}, 2^{20}\})$	11453246122
6	$\mathcal{O}(0; \{6^4, 3^{34}, 2^{16}\})$	91625968982
6	$\mathcal{O}(0; \{6^4, 3^{37}, 2^{12}\})$	733007751850
6	$\mathcal{O}(0; \{6^4, 3^{40}, 2^8\})$	5864062014806
6	$\mathcal{O}(0; \{6^4, 3^{43}, 2^4\})$	46912496118442
6	$\mathcal{O}(0; \{6^4, 3^{46}\})$	375299968947542
6	$\mathcal{O}(0; \{6^5, 3^2, 2^{57}\})$	42
6	$\mathcal{O}(0; \{6^5, 3^5, 2^{53}\})$	342

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^5, 3^8, 2^{49}\})$	2730
6	$\mathcal{O}(0; \{6^5, 3^{11}, 2^{45}\})$	21846
6	$\mathcal{O}(0; \{6^5, 3^{14}, 2^{41}\})$	174762
6	$\mathcal{O}(0; \{6^5, 3^{17}, 2^{37}\})$	1398102
6	$\mathcal{O}(0; \{6^5, 3^{20}, 2^{33}\})$	11184810
6	$\mathcal{O}(0; \{6^5, 3^{23}, 2^{29}\})$	89478486
6	$\mathcal{O}(0; \{6^5, 3^{26}, 2^{25}\})$	715827882
6	$\mathcal{O}(0; \{6^5, 3^{29}, 2^{21}\})$	5726623062
6	$\mathcal{O}(0; \{6^5, 3^{32}, 2^{17}\})$	45812984490
6	$\mathcal{O}(0; \{6^5, 3^{35}, 2^{13}\})$	366503875926
6	$\mathcal{O}(0; \{6^5, 3^{38}, 2^9\})$	2932031007402
6	$\mathcal{O}(0; \{6^5, 3^{41}, 2^5\})$	23456248059222
6	$\mathcal{O}(0; \{6^5, 3^{44}, 2\})$	187649984473770
6	$\mathcal{O}(0; \{6^6, 2^{58}\})$	22
6	$\mathcal{O}(0; \{6^6, 3^3, 2^{54}\})$	170
6	$\mathcal{O}(0; \{6^6, 3^6, 2^{50}\})$	1366
6	$\mathcal{O}(0; \{6^6, 3^9, 2^{46}\})$	10922
6	$\mathcal{O}(0; \{6^6, 3^{12}, 2^{42}\})$	87382
6	$\mathcal{O}(0; \{6^6, 3^{15}, 2^{38}\})$	699050
6	$\mathcal{O}(0; \{6^6, 3^{18}, 2^{34}\})$	5592406
6	$\mathcal{O}(0; \{6^6, 3^{21}, 2^{30}\})$	44739242
6	$\mathcal{O}(0; \{6^6, 3^{24}, 2^{26}\})$	357913942
6	$\mathcal{O}(0; \{6^6, 3^{27}, 2^{22}\})$	2863311530
6	$\mathcal{O}(0; \{6^6, 3^{30}, 2^{18}\})$	22906492246
6	$\mathcal{O}(0; \{6^6, 3^{33}, 2^{14}\})$	183251937962
6	$\mathcal{O}(0; \{6^6, 3^{36}, 2^{10}\})$	1466015503702
6	$\mathcal{O}(0; \{6^6, 3^{39}, 2^6\})$	11728124029610
6	$\mathcal{O}(0; \{6^6, 3^{42}, 2^2\})$	93824992236886
6	$\mathcal{O}(0; \{6^7, 3, 2^{55}\})$	86
6	$\mathcal{O}(0; \{6^7, 3^4, 2^{51}\})$	682
6	$\mathcal{O}(0; \{6^7, 3^7, 2^{47}\})$	5462
6	$\mathcal{O}(0; \{6^7, 3^{10}, 2^{43}\})$	43690
6	$\mathcal{O}(0; \{6^7, 3^{13}, 2^{39}\})$	349526
6	$\mathcal{O}(0; \{6^7, 3^{16}, 2^{35}\})$	2796202
6	$\mathcal{O}(0; \{6^7, 3^{19}, 2^{31}\})$	22369622
6	$\mathcal{O}(0; \{6^7, 3^{22}, 2^{27}\})$	178956970
6	$\mathcal{O}(0; \{6^7, 3^{25}, 2^{23}\})$	1431655766
6	$\mathcal{O}(0; \{6^7, 3^{28}, 2^{19}\})$	11453246122
6	$\mathcal{O}(0; \{6^7, 3^{31}, 2^{15}\})$	91625968982
6	$\mathcal{O}(0; \{6^7, 3^{34}, 2^{11}\})$	733007751850
6	$\mathcal{O}(0; \{6^7, 3^{37}, 2^7\})$	5864062014806
6	$\mathcal{O}(0; \{6^7, 3^{40}, 2^3\})$	46912496118442
6	$\mathcal{O}(0; \{6^8, 3^2, 2^{52}\})$	342

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^8, 3^5, 2^{48}\})$	2730
6	$\mathcal{O}(0; \{6^8, 3^8, 2^{44}\})$	21846
6	$\mathcal{O}(0; \{6^8, 3^{11}, 2^{40}\})$	174762
6	$\mathcal{O}(0; \{6^8, 3^{14}, 2^{36}\})$	1398102
6	$\mathcal{O}(0; \{6^8, 3^{17}, 2^{32}\})$	11184810
6	$\mathcal{O}(0; \{6^8, 3^{20}, 2^{28}\})$	89478486
6	$\mathcal{O}(0; \{6^8, 3^{23}, 2^{24}\})$	715827882
6	$\mathcal{O}(0; \{6^8, 3^{26}, 2^{20}\})$	5726623062
6	$\mathcal{O}(0; \{6^8, 3^{29}, 2^{16}\})$	45812984490
6	$\mathcal{O}(0; \{6^8, 3^{32}, 2^{12}\})$	366503875926
6	$\mathcal{O}(0; \{6^8, 3^{35}, 2^8\})$	2932031007402
6	$\mathcal{O}(0; \{6^8, 3^{38}, 2^4\})$	23456248059222
6	$\mathcal{O}(0; \{6^8, 3^{41}\})$	187649984473770
6	$\mathcal{O}(0; \{6^9, 2^{53}\})$	170
6	$\mathcal{O}(0; \{6^9, 3^3, 2^{49}\})$	1366
6	$\mathcal{O}(0; \{6^9, 3^6, 2^{45}\})$	10922
6	$\mathcal{O}(0; \{6^9, 3^9, 2^{41}\})$	87382
6	$\mathcal{O}(0; \{6^9, 3^{12}, 2^{37}\})$	699050
6	$\mathcal{O}(0; \{6^9, 3^{15}, 2^{33}\})$	5592406
6	$\mathcal{O}(0; \{6^9, 3^{18}, 2^{29}\})$	44739242
6	$\mathcal{O}(0; \{6^9, 3^{21}, 2^{25}\})$	357913942
6	$\mathcal{O}(0; \{6^9, 3^{24}, 2^{21}\})$	2863311530
6	$\mathcal{O}(0; \{6^9, 3^{27}, 2^{17}\})$	22906492246
6	$\mathcal{O}(0; \{6^9, 3^{30}, 2^{13}\})$	183251937962
6	$\mathcal{O}(0; \{6^9, 3^{33}, 2^9\})$	1466015503702
6	$\mathcal{O}(0; \{6^9, 3^{36}, 2^5\})$	11728124029610
6	$\mathcal{O}(0; \{6^9, 3^{39}, 2\})$	93824992236886
6	$\mathcal{O}(0; \{6^{10}, 3, 2^{50}\})$	682
6	$\mathcal{O}(0; \{6^{10}, 3^4, 2^{46}\})$	5462
6	$\mathcal{O}(0; \{6^{10}, 3^7, 2^{42}\})$	43690
6	$\mathcal{O}(0; \{6^{10}, 3^{10}, 2^{38}\})$	349526
6	$\mathcal{O}(0; \{6^{10}, 3^{13}, 2^{34}\})$	2796202
6	$\mathcal{O}(0; \{6^{10}, 3^{16}, 2^{30}\})$	22369622
6	$\mathcal{O}(0; \{6^{10}, 3^{19}, 2^{26}\})$	178956970
6	$\mathcal{O}(0; \{6^{10}, 3^{22}, 2^{22}\})$	1431655766
6	$\mathcal{O}(0; \{6^{10}, 3^{25}, 2^{18}\})$	11453246122
6	$\mathcal{O}(0; \{6^{10}, 3^{28}, 2^{14}\})$	91625968982
6	$\mathcal{O}(0; \{6^{10}, 3^{31}, 2^{10}\})$	733007751850
6	$\mathcal{O}(0; \{6^{10}, 3^{34}, 2^6\})$	5864062014806
6	$\mathcal{O}(0; \{6^{10}, 3^{37}, 2^2\})$	46912496118442
6	$\mathcal{O}(0; \{6^{11}, 3^2, 2^{47}\})$	2730
6	$\mathcal{O}(0; \{6^{11}, 3^5, 2^{43}\})$	21846
6	$\mathcal{O}(0; \{6^{11}, 3^8, 2^{39}\})$	174762

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{11}, 3^{11}, 2^{35}\})$	1398102
6	$\mathcal{O}(0; \{6^{11}, 3^{14}, 2^{31}\})$	11184810
6	$\mathcal{O}(0; \{6^{11}, 3^{17}, 2^{27}\})$	89478486
6	$\mathcal{O}(0; \{6^{11}, 3^{20}, 2^{23}\})$	715827882
6	$\mathcal{O}(0; \{6^{11}, 3^{23}, 2^{19}\})$	5726623062
6	$\mathcal{O}(0; \{6^{11}, 3^{26}, 2^{15}\})$	45812984490
6	$\mathcal{O}(0; \{6^{11}, 3^{29}, 2^{11}\})$	366503875926
6	$\mathcal{O}(0; \{6^{11}, 3^{32}, 2^7\})$	2932031007402
6	$\mathcal{O}(0; \{6^{11}, 3^{35}, 2^3\})$	23456248059222
6	$\mathcal{O}(0; \{6^{12}, 2^{48}\})$	1366
6	$\mathcal{O}(0; \{6^{12}, 3^3, 2^{44}\})$	10922
6	$\mathcal{O}(0; \{6^{12}, 3^6, 2^{40}\})$	87382
6	$\mathcal{O}(0; \{6^{12}, 3^9, 2^{36}\})$	699050
6	$\mathcal{O}(0; \{6^{12}, 3^{12}, 2^{32}\})$	5592406
6	$\mathcal{O}(0; \{6^{12}, 3^{15}, 2^{28}\})$	44739242
6	$\mathcal{O}(0; \{6^{12}, 3^{18}, 2^{24}\})$	357913942
6	$\mathcal{O}(0; \{6^{12}, 3^{21}, 2^{20}\})$	2863311530
6	$\mathcal{O}(0; \{6^{12}, 3^{24}, 2^{16}\})$	22906492246
6	$\mathcal{O}(0; \{6^{12}, 3^{27}, 2^{12}\})$	183251937962
6	$\mathcal{O}(0; \{6^{12}, 3^{30}, 2^8\})$	1466015503702
6	$\mathcal{O}(0; \{6^{12}, 3^{33}, 2^4\})$	11728124029610
6	$\mathcal{O}(0; \{6^{12}, 3^{36}\})$	93824992236886
6	$\mathcal{O}(0; \{6^{13}, 3, 2^{45}\})$	5462
6	$\mathcal{O}(0; \{6^{13}, 3^4, 2^{41}\})$	43690
6	$\mathcal{O}(0; \{6^{13}, 3^7, 2^{37}\})$	349526
6	$\mathcal{O}(0; \{6^{13}, 3^{10}, 2^{33}\})$	2796202
6	$\mathcal{O}(0; \{6^{13}, 3^{13}, 2^{29}\})$	22369622
6	$\mathcal{O}(0; \{6^{13}, 3^{16}, 2^{25}\})$	178956970
6	$\mathcal{O}(0; \{6^{13}, 3^{19}, 2^{21}\})$	1431655766
6	$\mathcal{O}(0; \{6^{13}, 3^{22}, 2^{17}\})$	11453246122
6	$\mathcal{O}(0; \{6^{13}, 3^{25}, 2^{13}\})$	91625968982
6	$\mathcal{O}(0; \{6^{13}, 3^{28}, 2^9\})$	733007751850
6	$\mathcal{O}(0; \{6^{13}, 3^{31}, 2^5\})$	5864062014806
6	$\mathcal{O}(0; \{6^{13}, 3^{34}, 2\})$	46912496118442
6	$\mathcal{O}(0; \{6^{14}, 3^2, 2^{42}\})$	21846
6	$\mathcal{O}(0; \{6^{14}, 3^5, 2^{38}\})$	174762
6	$\mathcal{O}(0; \{6^{14}, 3^8, 2^{34}\})$	1398102
6	$\mathcal{O}(0; \{6^{14}, 3^{11}, 2^{30}\})$	11184810
6	$\mathcal{O}(0; \{6^{14}, 3^{14}, 2^{26}\})$	89478486
6	$\mathcal{O}(0; \{6^{14}, 3^{17}, 2^{22}\})$	715827882
6	$\mathcal{O}(0; \{6^{14}, 3^{20}, 2^{18}\})$	5726623062
6	$\mathcal{O}(0; \{6^{14}, 3^{23}, 2^{14}\})$	45812984490
6	$\mathcal{O}(0; \{6^{14}, 3^{26}, 2^{10}\})$	366503875926

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{14}, 3^{29}, 2^6\})$	2932031007402
6	$\mathcal{O}(0; \{6^{14}, 3^{32}, 2^2\})$	23456248059222
6	$\mathcal{O}(0; \{6^{15}, 2^{43}\})$	10922
6	$\mathcal{O}(0; \{6^{15}, 3^3, 2^{39}\})$	87382
6	$\mathcal{O}(0; \{6^{15}, 3^6, 2^{35}\})$	699050
6	$\mathcal{O}(0; \{6^{15}, 3^9, 2^{31}\})$	5592406
6	$\mathcal{O}(0; \{6^{15}, 3^{12}, 2^{27}\})$	44739242
6	$\mathcal{O}(0; \{6^{15}, 3^{15}, 2^{23}\})$	357913942
6	$\mathcal{O}(0; \{6^{15}, 3^{18}, 2^{19}\})$	2863311530
6	$\mathcal{O}(0; \{6^{15}, 3^{21}, 2^{15}\})$	22906492246
6	$\mathcal{O}(0; \{6^{15}, 3^{24}, 2^{11}\})$	183251937962
6	$\mathcal{O}(0; \{6^{15}, 3^{27}, 2^7\})$	1466015503702
6	$\mathcal{O}(0; \{6^{15}, 3^{30}, 2^3\})$	11728124029610
6	$\mathcal{O}(0; \{6^{16}, 3, 2^{40}\})$	43690
6	$\mathcal{O}(0; \{6^{16}, 3^4, 2^{36}\})$	349526
6	$\mathcal{O}(0; \{6^{16}, 3^7, 2^{32}\})$	2796202
6	$\mathcal{O}(0; \{6^{16}, 3^{10}, 2^{28}\})$	22369622
6	$\mathcal{O}(0; \{6^{16}, 3^{13}, 2^{24}\})$	178956970
6	$\mathcal{O}(0; \{6^{16}, 3^{16}, 2^{20}\})$	1431655766
6	$\mathcal{O}(0; \{6^{16}, 3^{19}, 2^{16}\})$	11453246122
6	$\mathcal{O}(0; \{6^{16}, 3^{22}, 2^{12}\})$	91625968982
6	$\mathcal{O}(0; \{6^{16}, 3^{25}, 2^8\})$	733007751850
6	$\mathcal{O}(0; \{6^{16}, 3^{28}, 2^4\})$	5864062014806
6	$\mathcal{O}(0; \{6^{16}, 3^{31}\})$	46912496118442
6	$\mathcal{O}(0; \{6^{17}, 3^2, 2^{37}\})$	174762
6	$\mathcal{O}(0; \{6^{17}, 3^5, 2^{33}\})$	1398102
6	$\mathcal{O}(0; \{6^{17}, 3^8, 2^{29}\})$	11184810
6	$\mathcal{O}(0; \{6^{17}, 3^{11}, 2^{25}\})$	89478486
6	$\mathcal{O}(0; \{6^{17}, 3^{14}, 2^{21}\})$	715827882
6	$\mathcal{O}(0; \{6^{17}, 3^{17}, 2^{17}\})$	5726623062
6	$\mathcal{O}(0; \{6^{17}, 3^{20}, 2^{13}\})$	45812984490
6	$\mathcal{O}(0; \{6^{17}, 3^{23}, 2^9\})$	366503875926
6	$\mathcal{O}(0; \{6^{17}, 3^{26}, 2^5\})$	2932031007402
6	$\mathcal{O}(0; \{6^{17}, 3^{29}, 2\})$	23456248059222
6	$\mathcal{O}(0; \{6^{18}, 2^{38}\})$	87382
6	$\mathcal{O}(0; \{6^{18}, 3^3, 2^{34}\})$	699050
6	$\mathcal{O}(0; \{6^{18}, 3^6, 2^{30}\})$	5592406
6	$\mathcal{O}(0; \{6^{18}, 3^9, 2^{26}\})$	44739242
6	$\mathcal{O}(0; \{6^{18}, 3^{12}, 2^{22}\})$	357913942
6	$\mathcal{O}(0; \{6^{18}, 3^{15}, 2^{18}\})$	2863311530
6	$\mathcal{O}(0; \{6^{18}, 3^{18}, 2^{14}\})$	22906492246
6	$\mathcal{O}(0; \{6^{18}, 3^{21}, 2^{10}\})$	183251937962
6	$\mathcal{O}(0; \{6^{18}, 3^{24}, 2^6\})$	1466015503702

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{18}, 3^{27}, 2^2\})$	11728124029610
6	$\mathcal{O}(0; \{6^{19}, 3, 2^{35}\})$	349526
6	$\mathcal{O}(0; \{6^{19}, 3^4, 2^{31}\})$	2796202
6	$\mathcal{O}(0; \{6^{19}, 3^7, 2^{27}\})$	22369622
6	$\mathcal{O}(0; \{6^{19}, 3^{10}, 2^{23}\})$	178956970
6	$\mathcal{O}(0; \{6^{19}, 3^{13}, 2^{19}\})$	1431655766
6	$\mathcal{O}(0; \{6^{19}, 3^{16}, 2^{15}\})$	11453246122
6	$\mathcal{O}(0; \{6^{19}, 3^{19}, 2^{11}\})$	91625968982
6	$\mathcal{O}(0; \{6^{19}, 3^{22}, 2^7\})$	733007751850
6	$\mathcal{O}(0; \{6^{19}, 3^{25}, 2^3\})$	5864062014806
6	$\mathcal{O}(0; \{6^{20}, 3^2, 2^{32}\})$	1398102
6	$\mathcal{O}(0; \{6^{20}, 3^5, 2^{28}\})$	11184810
6	$\mathcal{O}(0; \{6^{20}, 3^8, 2^{24}\})$	89478486
6	$\mathcal{O}(0; \{6^{20}, 3^{11}, 2^{20}\})$	715827882
6	$\mathcal{O}(0; \{6^{20}, 3^{14}, 2^{16}\})$	5726623062
6	$\mathcal{O}(0; \{6^{20}, 3^{17}, 2^{12}\})$	45812984490
6	$\mathcal{O}(0; \{6^{20}, 3^{20}, 2^8\})$	366503875926
6	$\mathcal{O}(0; \{6^{20}, 3^{23}, 2^4\})$	2932031007402
6	$\mathcal{O}(0; \{6^{20}, 3^{26}\})$	23456248059222
6	$\mathcal{O}(0; \{6^{21}, 2^{33}\})$	699050
6	$\mathcal{O}(0; \{6^{21}, 3^3, 2^{29}\})$	5592406
6	$\mathcal{O}(0; \{6^{21}, 3^6, 2^{25}\})$	44739242
6	$\mathcal{O}(0; \{6^{21}, 3^9, 2^{21}\})$	357913942
6	$\mathcal{O}(0; \{6^{21}, 3^{12}, 2^{17}\})$	2863311530
6	$\mathcal{O}(0; \{6^{21}, 3^{15}, 2^{13}\})$	22906492246
6	$\mathcal{O}(0; \{6^{21}, 3^{18}, 2^9\})$	183251937962
6	$\mathcal{O}(0; \{6^{21}, 3^{21}, 2^5\})$	1466015503702
6	$\mathcal{O}(0; \{6^{21}, 3^{24}, 2\})$	11728124029610
6	$\mathcal{O}(0; \{6^{22}, 3, 2^{30}\})$	2796202
6	$\mathcal{O}(0; \{6^{22}, 3^4, 2^{26}\})$	22369622
6	$\mathcal{O}(0; \{6^{22}, 3^7, 2^{22}\})$	178956970
6	$\mathcal{O}(0; \{6^{22}, 3^{10}, 2^{18}\})$	1431655766
6	$\mathcal{O}(0; \{6^{22}, 3^{13}, 2^{14}\})$	11453246122
6	$\mathcal{O}(0; \{6^{22}, 3^{16}, 2^{10}\})$	91625968982
6	$\mathcal{O}(0; \{6^{22}, 3^{19}, 2^6\})$	733007751850
6	$\mathcal{O}(0; \{6^{22}, 3^{22}, 2^2\})$	5864062014806
6	$\mathcal{O}(0; \{6^{23}, 3^2, 2^{27}\})$	11184810
6	$\mathcal{O}(0; \{6^{23}, 3^5, 2^{23}\})$	89478486
6	$\mathcal{O}(0; \{6^{23}, 3^8, 2^{19}\})$	715827882
6	$\mathcal{O}(0; \{6^{23}, 3^{11}, 2^{15}\})$	5726623062
6	$\mathcal{O}(0; \{6^{23}, 3^{14}, 2^{11}\})$	45812984490
6	$\mathcal{O}(0; \{6^{23}, 3^{17}, 2^7\})$	366503875926
6	$\mathcal{O}(0; \{6^{23}, 3^{20}, 2^3\})$	2932031007402

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{24}, 2^{28}\})$	5592406
6	$\mathcal{O}(0; \{6^{24}, 3^3, 2^{24}\})$	44739242
6	$\mathcal{O}(0; \{6^{24}, 3^6, 2^{20}\})$	357913942
6	$\mathcal{O}(0; \{6^{24}, 3^9, 2^{16}\})$	2863311530
6	$\mathcal{O}(0; \{6^{24}, 3^{12}, 2^{12}\})$	22906492246
6	$\mathcal{O}(0; \{6^{24}, 3^{15}, 2^8\})$	183251937962
6	$\mathcal{O}(0; \{6^{24}, 3^{18}, 2^4\})$	1466015503702
6	$\mathcal{O}(0; \{6^{24}, 3^{21}\})$	11728124029610
6	$\mathcal{O}(0; \{6^{25}, 3, 2^{25}\})$	22369622
6	$\mathcal{O}(0; \{6^{25}, 3^4, 2^{21}\})$	178956970
6	$\mathcal{O}(0; \{6^{25}, 3^7, 2^{17}\})$	1431655766
6	$\mathcal{O}(0; \{6^{25}, 3^{10}, 2^{13}\})$	11453246122
6	$\mathcal{O}(0; \{6^{25}, 3^{13}, 2^9\})$	91625968982
6	$\mathcal{O}(0; \{6^{25}, 3^{16}, 2^5\})$	733007751850
6	$\mathcal{O}(0; \{6^{25}, 3^{19}, 2\})$	5864062014806
6	$\mathcal{O}(0; \{6^{26}, 3^2, 2^{22}\})$	89478486
6	$\mathcal{O}(0; \{6^{26}, 3^5, 2^{18}\})$	715827882
6	$\mathcal{O}(0; \{6^{26}, 3^8, 2^{14}\})$	5726623062
6	$\mathcal{O}(0; \{6^{26}, 3^{11}, 2^{10}\})$	45812984490
6	$\mathcal{O}(0; \{6^{26}, 3^{14}, 2^6\})$	366503875926
6	$\mathcal{O}(0; \{6^{26}, 3^{17}, 2^2\})$	2932031007402
6	$\mathcal{O}(0; \{6^{27}, 2^{23}\})$	44739242
6	$\mathcal{O}(0; \{6^{27}, 3^3, 2^{19}\})$	357913942
6	$\mathcal{O}(0; \{6^{27}, 3^6, 2^{15}\})$	2863311530
6	$\mathcal{O}(0; \{6^{27}, 3^9, 2^{11}\})$	22906492246
6	$\mathcal{O}(0; \{6^{27}, 3^{12}, 2^7\})$	183251937962
6	$\mathcal{O}(0; \{6^{27}, 3^{15}, 2^3\})$	1466015503702
6	$\mathcal{O}(0; \{6^{28}, 3, 2^{20}\})$	178956970
6	$\mathcal{O}(0; \{6^{28}, 3^4, 2^{16}\})$	1431655766
6	$\mathcal{O}(0; \{6^{28}, 3^7, 2^{12}\})$	11453246122
6	$\mathcal{O}(0; \{6^{28}, 3^{10}, 2^8\})$	91625968982
6	$\mathcal{O}(0; \{6^{28}, 3^{13}, 2^4\})$	733007751850
6	$\mathcal{O}(0; \{6^{28}, 3^{16}\})$	5864062014806
6	$\mathcal{O}(0; \{6^{29}, 3^2, 2^{17}\})$	715827882
6	$\mathcal{O}(0; \{6^{29}, 3^5, 2^{13}\})$	5726623062
6	$\mathcal{O}(0; \{6^{29}, 3^8, 2^9\})$	45812984490
6	$\mathcal{O}(0; \{6^{29}, 3^{11}, 2^5\})$	366503875926
6	$\mathcal{O}(0; \{6^{29}, 3^{14}, 2\})$	2932031007402
6	$\mathcal{O}(0; \{6^{30}, 2^{18}\})$	357913942
6	$\mathcal{O}(0; \{6^{30}, 3^3, 2^{14}\})$	2863311530
6	$\mathcal{O}(0; \{6^{30}, 3^6, 2^{10}\})$	22906492246
6	$\mathcal{O}(0; \{6^{30}, 3^9, 2^6\})$	183251937962
6	$\mathcal{O}(0; \{6^{30}, 3^{12}, 2^2\})$	1466015503702

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{31}, 3, 2^{15}\})$	1431655766
6	$\mathcal{O}(0; \{6^{31}, 3^4, 2^{11}\})$	11453246122
6	$\mathcal{O}(0; \{6^{31}, 3^7, 2^7\})$	91625968982
6	$\mathcal{O}(0; \{6^{31}, 3^{10}, 2^3\})$	733007751850
6	$\mathcal{O}(0; \{6^{32}, 3^2, 2^{12}\})$	5726623062
6	$\mathcal{O}(0; \{6^{32}, 3^5, 2^8\})$	45812984490
6	$\mathcal{O}(0; \{6^{32}, 3^8, 2^4\})$	366503875926
6	$\mathcal{O}(0; \{6^{32}, 3^{11}\})$	2932031007402
6	$\mathcal{O}(0; \{6^{33}, 2^{13}\})$	2863311530
6	$\mathcal{O}(0; \{6^{33}, 3^3, 2^9\})$	22906492246
6	$\mathcal{O}(0; \{6^{33}, 3^6, 2^5\})$	183251937962
6	$\mathcal{O}(0; \{6^{33}, 3^9, 2\})$	1466015503702
6	$\mathcal{O}(0; \{6^{34}, 3, 2^{10}\})$	11453246122
6	$\mathcal{O}(0; \{6^{34}, 3^4, 2^6\})$	91625968982
6	$\mathcal{O}(0; \{6^{34}, 3^7, 2^2\})$	733007751850
6	$\mathcal{O}(0; \{6^{35}, 3^2, 2^7\})$	45812984490
6	$\mathcal{O}(0; \{6^{35}, 3^5, 2^3\})$	366503875926
6	$\mathcal{O}(0; \{6^{36}, 2^8\})$	22906492246
6	$\mathcal{O}(0; \{6^{36}, 3^3, 2^4\})$	183251937962
6	$\mathcal{O}(0; \{6^{36}, 3^6\})$	1466015503702
6	$\mathcal{O}(0; \{6^{37}, 3, 2^5\})$	91625968982
6	$\mathcal{O}(0; \{6^{37}, 3^4, 2\})$	733007751850
6	$\mathcal{O}(0; \{6^{38}, 3^2, 2^2\})$	366503875926
6	$\mathcal{O}(0; \{6^{39}, 2^3\})$	183251937962
6	$\mathcal{O}(0; \{6^{40}, 3\})$	733007751850
7	$\mathcal{O}(13; \{7^4\})$	1746071342802482300850714
7	$\mathcal{O}(10; \{7^{11}\})$	4135485546512579429628150
7	$\mathcal{O}(7; \{7^{18}\})$	9840043698581208206267754
7	$\mathcal{O}(4; \{7^{25}\})$	23413564695032396055353910
7	$\mathcal{O}(1; \{7^{32}\})$	55710627769624806190743594
8	$\mathcal{O}(13; \emptyset)$	302231450400057666306048
8	$\mathcal{O}(12; \{2^4\})$	4722366201394668503040
8	$\mathcal{O}(12; \{4^2, 2\})$	9444732402789337006080
8	$\mathcal{O}(11; \{2^8\})$	73786958702652162048
8	$\mathcal{O}(11; \{4^2, 2^5\})$	147573917405304324096
8	$\mathcal{O}(11; \{4^4, 2^2\})$	590295669621217296384
8	$\mathcal{O}(11; \{8^2, 4, 2^3\})$	590295810358705651712
8	$\mathcal{O}(11; \{8^2, 4^3\})$	2361183241434822606848
8	$\mathcal{O}(11; \{8^4, 2\})$	4722366482869645213696
8	$\mathcal{O}(10; \{2^{12}\})$	1152920405095219200
8	$\mathcal{O}(10; \{4^2, 2^9\})$	2305840810190438400
8	$\mathcal{O}(10; \{4^4, 2^6\})$	9223363240761753600
8	$\mathcal{O}(10; \{4^6, 2^3\})$	36893452963047014400

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(10; \{4^8\})$	147573811852188057600
8	$\mathcal{O}(10; \{8^2, 4, 2^7\})$	9223372036854775808
8	$\mathcal{O}(10; \{8^2, 4^3, 2^4\})$	36893488147419103232
8	$\mathcal{O}(10; \{8^2, 4^5, 2\})$	147573952589676412928
8	$\mathcal{O}(10; \{8^4, 2^5\})$	73786976294838206464
8	$\mathcal{O}(10; \{8^4, 4^2, 2^2\})$	295147905179352825856
8	$\mathcal{O}(10; \{8^6, 4\})$	2361183241434822606848
8	$\mathcal{O}(9; \{2^{16}\})$	18014329790005248
8	$\mathcal{O}(9; \{4^2, 2^{13}\})$	36028659580010496
8	$\mathcal{O}(9; \{4^4, 2^{10}\})$	144114638320041984
8	$\mathcal{O}(9; \{4^6, 2^7\})$	576458553280167936
8	$\mathcal{O}(9; \{4^8, 2^4\})$	2305834213120671744
8	$\mathcal{O}(9; \{4^{10}, 2\})$	9223336852482686976
8	$\mathcal{O}(9; \{8^2, 4, 2^{11}\})$	144115188075855872
8	$\mathcal{O}(9; \{8^2, 4^3, 2^8\})$	576460752303423488
8	$\mathcal{O}(9; \{8^2, 4^5, 2^5\})$	2305843009213693952
8	$\mathcal{O}(9; \{8^2, 4^7, 2^2\})$	9223372036854775808
8	$\mathcal{O}(9; \{8^4, 2^9\})$	1152921504606846976
8	$\mathcal{O}(9; \{8^4, 4^2, 2^6\})$	4611686018427387904
8	$\mathcal{O}(9; \{8^4, 4^4, 2^3\})$	18446744073709551616
8	$\mathcal{O}(9; \{8^4, 4^6\})$	73786976294838206464
8	$\mathcal{O}(9; \{8^6, 4, 2^4\})$	36893488147419103232
8	$\mathcal{O}(9; \{8^6, 4^3, 2\})$	147573952589676412928
8	$\mathcal{O}(9; \{8^8, 2^2\})$	295147905179352825856
8	$\mathcal{O}(8; \{2^{20}\})$	281470681743360
8	$\mathcal{O}(8; \{4^2, 2^{17}\})$	562941363486720
8	$\mathcal{O}(8; \{4^4, 2^{14}\})$	2251765453946880
8	$\mathcal{O}(8; \{4^6, 2^{11}\})$	9007061815787520
8	$\mathcal{O}(8; \{4^8, 2^8\})$	36028247263150080
8	$\mathcal{O}(8; \{4^{10}, 2^5\})$	144112989052600320
8	$\mathcal{O}(8; \{4^{12}, 2^2\})$	576451956210401280
8	$\mathcal{O}(8; \{8^2, 4, 2^{15}\})$	2251799813685248
8	$\mathcal{O}(8; \{8^2, 4^3, 2^{12}\})$	9007199254740992
8	$\mathcal{O}(8; \{8^2, 4^5, 2^9\})$	36028797018963968
8	$\mathcal{O}(8; \{8^2, 4^7, 2^6\})$	144115188075855872
8	$\mathcal{O}(8; \{8^2, 4^9, 2^3\})$	576460752303423488
8	$\mathcal{O}(8; \{8^2, 4^{11}\})$	2305843009213693952
8	$\mathcal{O}(8; \{8^4, 2^{13}\})$	18014398509481984
8	$\mathcal{O}(8; \{8^4, 4^2, 2^{10}\})$	72057594037927936
8	$\mathcal{O}(8; \{8^4, 4^4, 2^7\})$	288230376151711744
8	$\mathcal{O}(8; \{8^4, 4^6, 2^4\})$	1152921504606846976
8	$\mathcal{O}(8; \{8^4, 4^8, 2\})$	4611686018427387904
8	$\mathcal{O}(8; \{8^6, 4, 2^8\})$	576460752303423488

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(8; \{8^6, 4^3, 2^5\})$	2305843009213693952
8	$\mathcal{O}(8; \{8^6, 4^5, 2^2\})$	9223372036854775808
8	$\mathcal{O}(8; \{8^8, 2^6\})$	4611686018427387904
8	$\mathcal{O}(8; \{8^8, 4^2, 2^3\})$	18446744073709551616
8	$\mathcal{O}(8; \{8^8, 4^4\})$	73786976294838206464
8	$\mathcal{O}(8; \{8^{10}, 4, 2\})$	147573952589676412928
8	$\mathcal{O}(7; \{2^{24}\})$	4397778075648
8	$\mathcal{O}(7; \{4^2, 2^{21}\})$	8795556151296
8	$\mathcal{O}(7; \{4^4, 2^{18}\})$	35182224605184
8	$\mathcal{O}(7; \{4^6, 2^{15}\})$	140728898420736
8	$\mathcal{O}(7; \{4^8, 2^{12}\})$	562915593682944
8	$\mathcal{O}(7; \{4^{10}, 2^9\})$	2251662374731776
8	$\mathcal{O}(7; \{4^{12}, 2^6\})$	9006649498927104
8	$\mathcal{O}(7; \{4^{14}, 2^3\})$	36026597995708416
8	$\mathcal{O}(7; \{4^{16}\})$	144106391982833664
8	$\mathcal{O}(7; \{8^2, 4, 2^{19}\})$	35184372088832
8	$\mathcal{O}(7; \{8^2, 4^3, 2^{16}\})$	140737488355328
8	$\mathcal{O}(7; \{8^2, 4^5, 2^{13}\})$	562949953421312
8	$\mathcal{O}(7; \{8^2, 4^7, 2^{10}\})$	2251799813685248
8	$\mathcal{O}(7; \{8^2, 4^9, 2^7\})$	9007199254740992
8	$\mathcal{O}(7; \{8^2, 4^{11}, 2^4\})$	36028797018963968
8	$\mathcal{O}(7; \{8^2, 4^{13}, 2\})$	144115188075855872
8	$\mathcal{O}(7; \{8^4, 2^{17}\})$	281474976710656
8	$\mathcal{O}(7; \{8^4, 4^2, 2^{14}\})$	1125899906842624
8	$\mathcal{O}(7; \{8^4, 4^4, 2^{11}\})$	4503599627370496
8	$\mathcal{O}(7; \{8^4, 4^6, 2^8\})$	18014398509481984
8	$\mathcal{O}(7; \{8^4, 4^8, 2^5\})$	72057594037927936
8	$\mathcal{O}(7; \{8^4, 4^{10}, 2^2\})$	288230376151711744
8	$\mathcal{O}(7; \{8^6, 4, 2^{12}\})$	9007199254740992
8	$\mathcal{O}(7; \{8^6, 4^3, 2^9\})$	36028797018963968
8	$\mathcal{O}(7; \{8^6, 4^5, 2^6\})$	144115188075855872
8	$\mathcal{O}(7; \{8^6, 4^7, 2^3\})$	576460752303423488
8	$\mathcal{O}(7; \{8^6, 4^9\})$	2305843009213693952
8	$\mathcal{O}(7; \{8^8, 2^{10}\})$	72057594037927936
8	$\mathcal{O}(7; \{8^8, 4^2, 2^7\})$	288230376151711744
8	$\mathcal{O}(7; \{8^8, 4^4, 2^4\})$	1152921504606846976
8	$\mathcal{O}(7; \{8^8, 4^6, 2\})$	4611686018427387904
8	$\mathcal{O}(7; \{8^{10}, 4, 2^5\})$	2305843009213693952
8	$\mathcal{O}(7; \{8^{10}, 4^3, 2^2\})$	9223372036854775808
8	$\mathcal{O}(7; \{8^{12}, 2^3\})$	18446744073709551616
8	$\mathcal{O}(7; \{8^{12}, 4^2\})$	73786976294838206464
8	$\mathcal{O}(6; \{2^{28}\})$	68702699520
8	$\mathcal{O}(6; \{4^2, 2^{25}\})$	137405399040

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(6; \{4^4, 2^{22}\})$	549621596160
8	$\mathcal{O}(6; \{4^6, 2^{19}\})$	2198486384640
8	$\mathcal{O}(6; \{4^8, 2^{16}\})$	8793945538560
8	$\mathcal{O}(6; \{4^{10}, 2^{13}\})$	35175782154240
8	$\mathcal{O}(6; \{4^{12}, 2^{10}\})$	140703128616960
8	$\mathcal{O}(6; \{4^{14}, 2^7\})$	562812514467840
8	$\mathcal{O}(6; \{4^{16}, 2^4\})$	2251250057871360
8	$\mathcal{O}(6; \{4^{18}, 2\})$	9005000231485440
8	$\mathcal{O}(6; \{8^2, 4, 2^{23}\})$	549755813888
8	$\mathcal{O}(6; \{8^2, 4^3, 2^{20}\})$	2199023255552
8	$\mathcal{O}(6; \{8^2, 4^5, 2^{17}\})$	8796093022208
8	$\mathcal{O}(6; \{8^2, 4^7, 2^{14}\})$	35184372088832
8	$\mathcal{O}(6; \{8^2, 4^9, 2^{11}\})$	140737488355328
8	$\mathcal{O}(6; \{8^2, 4^{11}, 2^8\})$	562949953421312
8	$\mathcal{O}(6; \{8^2, 4^{13}, 2^5\})$	2251799813685248
8	$\mathcal{O}(6; \{8^2, 4^{15}, 2^2\})$	9007199254740992
8	$\mathcal{O}(6; \{8^4, 2^{21}\})$	4398046511104
8	$\mathcal{O}(6; \{8^4, 4^2, 2^{18}\})$	17592186044416
8	$\mathcal{O}(6; \{8^4, 4^4, 2^{15}\})$	70368744177664
8	$\mathcal{O}(6; \{8^4, 4^6, 2^{12}\})$	281474976710656
8	$\mathcal{O}(6; \{8^4, 4^8, 2^9\})$	1125899906842624
8	$\mathcal{O}(6; \{8^4, 4^{10}, 2^6\})$	4503599627370496
8	$\mathcal{O}(6; \{8^4, 4^{12}, 2^3\})$	18014398509481984
8	$\mathcal{O}(6; \{8^4, 4^{14}\})$	72057594037927936
8	$\mathcal{O}(6; \{8^6, 4, 2^{16}\})$	140737488355328
8	$\mathcal{O}(6; \{8^6, 4^3, 2^{13}\})$	562949953421312
8	$\mathcal{O}(6; \{8^6, 4^5, 2^{10}\})$	2251799813685248
8	$\mathcal{O}(6; \{8^6, 4^7, 2^7\})$	9007199254740992
8	$\mathcal{O}(6; \{8^6, 4^9, 2^4\})$	36028797018963968
8	$\mathcal{O}(6; \{8^6, 4^{11}, 2\})$	144115188075855872
8	$\mathcal{O}(6; \{8^8, 2^{14}\})$	1125899906842624
8	$\mathcal{O}(6; \{8^8, 4^2, 2^{11}\})$	4503599627370496
8	$\mathcal{O}(6; \{8^8, 4^4, 2^8\})$	18014398509481984
8	$\mathcal{O}(6; \{8^8, 4^6, 2^5\})$	72057594037927936
8	$\mathcal{O}(6; \{8^8, 4^8, 2^2\})$	288230376151711744
8	$\mathcal{O}(6; \{8^{10}, 4, 2^9\})$	36028797018963968
8	$\mathcal{O}(6; \{8^{10}, 4^3, 2^6\})$	144115188075855872
8	$\mathcal{O}(6; \{8^{10}, 4^5, 2^3\})$	576460752303423488
8	$\mathcal{O}(6; \{8^{10}, 4^7\})$	2305843009213693952
8	$\mathcal{O}(6; \{8^{12}, 2^7\})$	288230376151711744
8	$\mathcal{O}(6; \{8^{12}, 4^2, 2^4\})$	1152921504606846976
8	$\mathcal{O}(6; \{8^{12}, 4^4, 2\})$	4611686018427387904
8	$\mathcal{O}(6; \{8^{14}, 4, 2^2\})$	9223372036854775808

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(6; \{8^{16}\})$	73786976294838206464
8	$\mathcal{O}(5; \{2^{32}\})$	1072693248
8	$\mathcal{O}(5; \{4^2, 2^{29}\})$	2145386496
8	$\mathcal{O}(5; \{4^4, 2^{26}\})$	8581545984
8	$\mathcal{O}(5; \{4^6, 2^{23}\})$	34326183936
8	$\mathcal{O}(5; \{4^8, 2^{20}\})$	137304735744
8	$\mathcal{O}(5; \{4^{10}, 2^{17}\})$	549218942976
8	$\mathcal{O}(5; \{4^{12}, 2^{14}\})$	2196875771904
8	$\mathcal{O}(5; \{4^{14}, 2^{11}\})$	8787503087616
8	$\mathcal{O}(5; \{4^{16}, 2^8\})$	35150012350464
8	$\mathcal{O}(5; \{4^{18}, 2^5\})$	140600049401856
8	$\mathcal{O}(5; \{4^{20}, 2^2\})$	562400197607424
8	$\mathcal{O}(5; \{8^2, 4, 2^{27}\})$	8589934592
8	$\mathcal{O}(5; \{8^2, 4^3, 2^{24}\})$	34359738368
8	$\mathcal{O}(5; \{8^2, 4^5, 2^{21}\})$	137438953472
8	$\mathcal{O}(5; \{8^2, 4^7, 2^{18}\})$	549755813888
8	$\mathcal{O}(5; \{8^2, 4^9, 2^{15}\})$	2199023255552
8	$\mathcal{O}(5; \{8^2, 4^{11}, 2^{12}\})$	8796093022208
8	$\mathcal{O}(5; \{8^2, 4^{13}, 2^9\})$	35184372088832
8	$\mathcal{O}(5; \{8^2, 4^{15}, 2^6\})$	140737488355328
8	$\mathcal{O}(5; \{8^2, 4^{17}, 2^3\})$	562949953421312
8	$\mathcal{O}(5; \{8^2, 4^{19}\})$	2251799813685248
8	$\mathcal{O}(5; \{8^4, 2^{25}\})$	68719476736
8	$\mathcal{O}(5; \{8^4, 4^2, 2^{22}\})$	274877906944
8	$\mathcal{O}(5; \{8^4, 4^4, 2^{19}\})$	1099511627776
8	$\mathcal{O}(5; \{8^4, 4^6, 2^{16}\})$	4398046511104
8	$\mathcal{O}(5; \{8^4, 4^8, 2^{13}\})$	17592186044416
8	$\mathcal{O}(5; \{8^4, 4^{10}, 2^{10}\})$	70368744177664
8	$\mathcal{O}(5; \{8^4, 4^{12}, 2^7\})$	281474976710656
8	$\mathcal{O}(5; \{8^4, 4^{14}, 2^4\})$	1125899906842624
8	$\mathcal{O}(5; \{8^4, 4^{16}, 2\})$	4503599627370496
8	$\mathcal{O}(5; \{8^6, 4, 2^{20}\})$	2199023255552
8	$\mathcal{O}(5; \{8^6, 4^3, 2^{17}\})$	8796093022208
8	$\mathcal{O}(5; \{8^6, 4^5, 2^{14}\})$	35184372088832
8	$\mathcal{O}(5; \{8^6, 4^7, 2^{11}\})$	140737488355328
8	$\mathcal{O}(5; \{8^6, 4^9, 2^8\})$	562949953421312
8	$\mathcal{O}(5; \{8^6, 4^{11}, 2^5\})$	2251799813685248
8	$\mathcal{O}(5; \{8^6, 4^{13}, 2^2\})$	9007199254740992
8	$\mathcal{O}(5; \{8^8, 2^{18}\})$	17592186044416
8	$\mathcal{O}(5; \{8^8, 4^2, 2^{15}\})$	70368744177664
8	$\mathcal{O}(5; \{8^8, 4^4, 2^{12}\})$	281474976710656
8	$\mathcal{O}(5; \{8^8, 4^6, 2^9\})$	1125899906842624
8	$\mathcal{O}(5; \{8^8, 4^8, 2^6\})$	4503599627370496

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(5; \{8^8, 4^{10}, 2^3\})$	18014398509481984
8	$\mathcal{O}(5; \{8^8, 4^{12}\})$	72057594037927936
8	$\mathcal{O}(5; \{8^{10}, 4, 2^{13}\})$	562949953421312
8	$\mathcal{O}(5; \{8^{10}, 4^3, 2^{10}\})$	2251799813685248
8	$\mathcal{O}(5; \{8^{10}, 4^5, 2^7\})$	9007199254740992
8	$\mathcal{O}(5; \{8^{10}, 4^7, 2^4\})$	36028797018963968
8	$\mathcal{O}(5; \{8^{10}, 4^9, 2\})$	144115188075855872
8	$\mathcal{O}(5; \{8^{12}, 2^{11}\})$	4503599627370496
8	$\mathcal{O}(5; \{8^{12}, 4^2, 2^8\})$	18014398509481984
8	$\mathcal{O}(5; \{8^{12}, 4^4, 2^5\})$	72057594037927936
8	$\mathcal{O}(5; \{8^{12}, 4^6, 2^2\})$	288230376151711744
8	$\mathcal{O}(5; \{8^{14}, 4, 2^6\})$	144115188075855872
8	$\mathcal{O}(5; \{8^{14}, 4^3, 2^3\})$	576460752303423488
8	$\mathcal{O}(5; \{8^{14}, 4^5\})$	2305843009213693952
8	$\mathcal{O}(5; \{8^{16}, 2^4\})$	1152921504606846976
8	$\mathcal{O}(5; \{8^{16}, 4^2, 2\})$	4611686018427387904
8	$\mathcal{O}(4; \{2^{36}\})$	16711680
8	$\mathcal{O}(4; \{4^2, 2^{33}\})$	33423360
8	$\mathcal{O}(4; \{4^4, 2^{30}\})$	133693440
8	$\mathcal{O}(4; \{4^6, 2^{27}\})$	534773760
8	$\mathcal{O}(4; \{4^8, 2^{24}\})$	2139095040
8	$\mathcal{O}(4; \{4^{10}, 2^{21}\})$	8556380160
8	$\mathcal{O}(4; \{4^{12}, 2^{18}\})$	34225520640
8	$\mathcal{O}(4; \{4^{14}, 2^{15}\})$	136902082560
8	$\mathcal{O}(4; \{4^{16}, 2^{12}\})$	547608330240
8	$\mathcal{O}(4; \{4^{18}, 2^9\})$	2190433320960
8	$\mathcal{O}(4; \{4^{20}, 2^6\})$	8761733283840
8	$\mathcal{O}(4; \{4^{22}, 2^3\})$	35046933135360
8	$\mathcal{O}(4; \{4^{24}\})$	140187732541440
8	$\mathcal{O}(4; \{8^2, 4, 2^{31}\})$	134217728
8	$\mathcal{O}(4; \{8^2, 4^3, 2^{28}\})$	536870912
8	$\mathcal{O}(4; \{8^2, 4^5, 2^{25}\})$	2147483648
8	$\mathcal{O}(4; \{8^2, 4^7, 2^{22}\})$	8589934592
8	$\mathcal{O}(4; \{8^2, 4^9, 2^{19}\})$	34359738368
8	$\mathcal{O}(4; \{8^2, 4^{11}, 2^{16}\})$	137438953472
8	$\mathcal{O}(4; \{8^2, 4^{13}, 2^{13}\})$	549755813888
8	$\mathcal{O}(4; \{8^2, 4^{15}, 2^{10}\})$	2199023255552
8	$\mathcal{O}(4; \{8^2, 4^{17}, 2^7\})$	8796093022208
8	$\mathcal{O}(4; \{8^2, 4^{19}, 2^4\})$	35184372088832
8	$\mathcal{O}(4; \{8^2, 4^{21}, 2\})$	140737488355328
8	$\mathcal{O}(4; \{8^4, 2^{29}\})$	1073741824
8	$\mathcal{O}(4; \{8^4, 4^2, 2^{26}\})$	4294967296
8	$\mathcal{O}(4; \{8^4, 4^4, 2^{23}\})$	17179869184

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(4; \{8^4, 4^6, 2^{20}\})$	68719476736
8	$\mathcal{O}(4; \{8^4, 4^8, 2^{17}\})$	274877906944
8	$\mathcal{O}(4; \{8^4, 4^{10}, 2^{14}\})$	1099511627776
8	$\mathcal{O}(4; \{8^4, 4^{12}, 2^{11}\})$	4398046511104
8	$\mathcal{O}(4; \{8^4, 4^{14}, 2^8\})$	17592186044416
8	$\mathcal{O}(4; \{8^4, 4^{16}, 2^5\})$	70368744177664
8	$\mathcal{O}(4; \{8^4, 4^{18}, 2^2\})$	281474976710656
8	$\mathcal{O}(4; \{8^6, 4, 2^{24}\})$	34359738368
8	$\mathcal{O}(4; \{8^6, 4^3, 2^{21}\})$	137438953472
8	$\mathcal{O}(4; \{8^6, 4^5, 2^{18}\})$	549755813888
8	$\mathcal{O}(4; \{8^6, 4^7, 2^{15}\})$	2199023255552
8	$\mathcal{O}(4; \{8^6, 4^9, 2^{12}\})$	8796093022208
8	$\mathcal{O}(4; \{8^6, 4^{11}, 2^9\})$	35184372088832
8	$\mathcal{O}(4; \{8^6, 4^{13}, 2^6\})$	140737488355328
8	$\mathcal{O}(4; \{8^6, 4^{15}, 2^3\})$	562949953421312
8	$\mathcal{O}(4; \{8^6, 4^{17}\})$	2251799813685248
8	$\mathcal{O}(4; \{8^8, 2^{22}\})$	274877906944
8	$\mathcal{O}(4; \{8^8, 4^2, 2^{19}\})$	1099511627776
8	$\mathcal{O}(4; \{8^8, 4^4, 2^{16}\})$	4398046511104
8	$\mathcal{O}(4; \{8^8, 4^6, 2^{13}\})$	17592186044416
8	$\mathcal{O}(4; \{8^8, 4^8, 2^{10}\})$	70368744177664
8	$\mathcal{O}(4; \{8^8, 4^{10}, 2^7\})$	281474976710656
8	$\mathcal{O}(4; \{8^8, 4^{12}, 2^4\})$	1125899906842624
8	$\mathcal{O}(4; \{8^8, 4^{14}, 2\})$	4503599627370496
8	$\mathcal{O}(4; \{8^{10}, 4, 2^{17}\})$	8796093022208
8	$\mathcal{O}(4; \{8^{10}, 4^3, 2^{14}\})$	35184372088832
8	$\mathcal{O}(4; \{8^{10}, 4^5, 2^{11}\})$	140737488355328
8	$\mathcal{O}(4; \{8^{10}, 4^7, 2^8\})$	562949953421312
8	$\mathcal{O}(4; \{8^{10}, 4^9, 2^5\})$	2251799813685248
8	$\mathcal{O}(4; \{8^{10}, 4^{11}, 2^2\})$	9007199254740992
8	$\mathcal{O}(4; \{8^{12}, 2^{15}\})$	70368744177664
8	$\mathcal{O}(4; \{8^{12}, 4^2, 2^{12}\})$	281474976710656
8	$\mathcal{O}(4; \{8^{12}, 4^4, 2^9\})$	1125899906842624
8	$\mathcal{O}(4; \{8^{12}, 4^6, 2^6\})$	4503599627370496
8	$\mathcal{O}(4; \{8^{12}, 4^8, 2^3\})$	18014398509481984
8	$\mathcal{O}(4; \{8^{12}, 4^{10}\})$	72057594037927936
8	$\mathcal{O}(4; \{8^{14}, 4, 2^{10}\})$	2251799813685248
8	$\mathcal{O}(4; \{8^{14}, 4^3, 2^7\})$	9007199254740992
8	$\mathcal{O}(4; \{8^{14}, 4^5, 2^4\})$	36028797018963968
8	$\mathcal{O}(4; \{8^{14}, 4^7, 2\})$	144115188075855872
8	$\mathcal{O}(4; \{8^{16}, 2^8\})$	18014398509481984
8	$\mathcal{O}(4; \{8^{16}, 4^2, 2^5\})$	72057594037927936
8	$\mathcal{O}(4; \{8^{16}, 4^4, 2^2\})$	288230376151711744

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(4; \{8^{18}, 4, 2^3\})$	576460752303423488
8	$\mathcal{O}(4; \{8^{18}, 4^3\})$	2305843009213693952
8	$\mathcal{O}(4; \{8^{20}, 2\})$	4611686018427387904
8	$\mathcal{O}(3; \{2^{40}\})$	258048
8	$\mathcal{O}(3; \{4^2, 2^{37}\})$	516096
8	$\mathcal{O}(3; \{4^4, 2^{34}\})$	2064384
8	$\mathcal{O}(3; \{4^6, 2^{31}\})$	8257536
8	$\mathcal{O}(3; \{4^8, 2^{28}\})$	33030144
8	$\mathcal{O}(3; \{4^{10}, 2^{25}\})$	132120576
8	$\mathcal{O}(3; \{4^{12}, 2^{22}\})$	528482304
8	$\mathcal{O}(3; \{4^{14}, 2^{19}\})$	2113929216
8	$\mathcal{O}(3; \{4^{16}, 2^{16}\})$	8455716864
8	$\mathcal{O}(3; \{4^{18}, 2^{13}\})$	33822867456
8	$\mathcal{O}(3; \{4^{20}, 2^{10}\})$	135291469824
8	$\mathcal{O}(3; \{4^{22}, 2^7\})$	541165879296
8	$\mathcal{O}(3; \{4^{24}, 2^4\})$	2164663517184
8	$\mathcal{O}(3; \{4^{26}, 2\})$	8658654068736
8	$\mathcal{O}(3; \{8^2, 4, 2^{35}\})$	2097152
8	$\mathcal{O}(3; \{8^2, 4^3, 2^{32}\})$	8388608
8	$\mathcal{O}(3; \{8^2, 4^5, 2^{29}\})$	33554432
8	$\mathcal{O}(3; \{8^2, 4^7, 2^{26}\})$	134217728
8	$\mathcal{O}(3; \{8^2, 4^9, 2^{23}\})$	536870912
8	$\mathcal{O}(3; \{8^2, 4^{11}, 2^{20}\})$	2147483648
8	$\mathcal{O}(3; \{8^2, 4^{13}, 2^{17}\})$	8589934592
8	$\mathcal{O}(3; \{8^2, 4^{15}, 2^{14}\})$	34359738368
8	$\mathcal{O}(3; \{8^2, 4^{17}, 2^{11}\})$	137438953472
8	$\mathcal{O}(3; \{8^2, 4^{19}, 2^8\})$	549755813888
8	$\mathcal{O}(3; \{8^2, 4^{21}, 2^5\})$	2199023255552
8	$\mathcal{O}(3; \{8^2, 4^{23}, 2^2\})$	8796093022208
8	$\mathcal{O}(3; \{8^4, 2^{33}\})$	16777216
8	$\mathcal{O}(3; \{8^4, 4^2, 2^{30}\})$	67108864
8	$\mathcal{O}(3; \{8^4, 4^4, 2^{27}\})$	268435456
8	$\mathcal{O}(3; \{8^4, 4^6, 2^{24}\})$	1073741824
8	$\mathcal{O}(3; \{8^4, 4^8, 2^{21}\})$	4294967296
8	$\mathcal{O}(3; \{8^4, 4^{10}, 2^{18}\})$	17179869184
8	$\mathcal{O}(3; \{8^4, 4^{12}, 2^{15}\})$	68719476736
8	$\mathcal{O}(3; \{8^4, 4^{14}, 2^{12}\})$	274877906944
8	$\mathcal{O}(3; \{8^4, 4^{16}, 2^9\})$	1099511627776
8	$\mathcal{O}(3; \{8^4, 4^{18}, 2^6\})$	4398046511104
8	$\mathcal{O}(3; \{8^4, 4^{20}, 2^3\})$	17592186044416
8	$\mathcal{O}(3; \{8^4, 4^{22}\})$	70368744177664
8	$\mathcal{O}(3; \{8^6, 4, 2^{28}\})$	536870912
8	$\mathcal{O}(3; \{8^6, 4^3, 2^{25}\})$	2147483648

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(3; \{8^6, 4^5, 2^{22}\})$	8589934592
8	$\mathcal{O}(3; \{8^6, 4^7, 2^{19}\})$	34359738368
8	$\mathcal{O}(3; \{8^6, 4^9, 2^{16}\})$	137438953472
8	$\mathcal{O}(3; \{8^6, 4^{11}, 2^{13}\})$	549755813888
8	$\mathcal{O}(3; \{8^6, 4^{13}, 2^{10}\})$	2199023255552
8	$\mathcal{O}(3; \{8^6, 4^{15}, 2^7\})$	8796093022208
8	$\mathcal{O}(3; \{8^6, 4^{17}, 2^4\})$	35184372088832
8	$\mathcal{O}(3; \{8^6, 4^{19}, 2\})$	140737488355328
8	$\mathcal{O}(3; \{8^8, 2^{26}\})$	4294967296
8	$\mathcal{O}(3; \{8^8, 4^2, 2^{23}\})$	17179869184
8	$\mathcal{O}(3; \{8^8, 4^4, 2^{20}\})$	68719476736
8	$\mathcal{O}(3; \{8^8, 4^6, 2^{17}\})$	274877906944
8	$\mathcal{O}(3; \{8^8, 4^8, 2^{14}\})$	1099511627776
8	$\mathcal{O}(3; \{8^8, 4^{10}, 2^{11}\})$	4398046511104
8	$\mathcal{O}(3; \{8^8, 4^{12}, 2^8\})$	17592186044416
8	$\mathcal{O}(3; \{8^8, 4^{14}, 2^5\})$	70368744177664
8	$\mathcal{O}(3; \{8^8, 4^{16}, 2^2\})$	281474976710656
8	$\mathcal{O}(3; \{8^{10}, 4, 2^{21}\})$	137438953472
8	$\mathcal{O}(3; \{8^{10}, 4^3, 2^{18}\})$	549755813888
8	$\mathcal{O}(3; \{8^{10}, 4^5, 2^{15}\})$	2199023255552
8	$\mathcal{O}(3; \{8^{10}, 4^7, 2^{12}\})$	8796093022208
8	$\mathcal{O}(3; \{8^{10}, 4^9, 2^9\})$	35184372088832
8	$\mathcal{O}(3; \{8^{10}, 4^{11}, 2^6\})$	140737488355328
8	$\mathcal{O}(3; \{8^{10}, 4^{13}, 2^3\})$	562949953421312
8	$\mathcal{O}(3; \{8^{10}, 4^{15}\})$	2251799813685248
8	$\mathcal{O}(3; \{8^{12}, 2^{19}\})$	1099511627776
8	$\mathcal{O}(3; \{8^{12}, 4^2, 2^{16}\})$	4398046511104
8	$\mathcal{O}(3; \{8^{12}, 4^4, 2^{13}\})$	17592186044416
8	$\mathcal{O}(3; \{8^{12}, 4^6, 2^{10}\})$	70368744177664
8	$\mathcal{O}(3; \{8^{12}, 4^8, 2^7\})$	281474976710656
8	$\mathcal{O}(3; \{8^{12}, 4^{10}, 2^4\})$	1125899906842624
8	$\mathcal{O}(3; \{8^{12}, 4^{12}, 2\})$	4503599627370496
8	$\mathcal{O}(3; \{8^{14}, 4, 2^{14}\})$	35184372088832
8	$\mathcal{O}(3; \{8^{14}, 4^3, 2^{11}\})$	140737488355328
8	$\mathcal{O}(3; \{8^{14}, 4^5, 2^8\})$	562949953421312
8	$\mathcal{O}(3; \{8^{14}, 4^7, 2^5\})$	2251799813685248
8	$\mathcal{O}(3; \{8^{14}, 4^9, 2^2\})$	9007199254740992
8	$\mathcal{O}(3; \{8^{16}, 2^{12}\})$	281474976710656
8	$\mathcal{O}(3; \{8^{16}, 4^2, 2^9\})$	1125899906842624
8	$\mathcal{O}(3; \{8^{16}, 4^4, 2^6\})$	4503599627370496
8	$\mathcal{O}(3; \{8^{16}, 4^6, 2^3\})$	18014398509481984
8	$\mathcal{O}(3; \{8^{16}, 4^8\})$	72057594037927936
8	$\mathcal{O}(3; \{8^{18}, 4, 2^7\})$	9007199254740992

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(3; \{8^{18}, 4^3, 2^4\})$	36028797018963968
8	$\mathcal{O}(3; \{8^{18}, 4^5, 2\})$	144115188075855872
8	$\mathcal{O}(3; \{8^{20}, 2^5\})$	72057594037927936
8	$\mathcal{O}(3; \{8^{20}, 4^2, 2^2\})$	288230376151711744
8	$\mathcal{O}(3; \{8^{22}, 4\})$	2305843009213693952
8	$\mathcal{O}(2; \{2^{44}\})$	3840
8	$\mathcal{O}(2; \{4^2, 2^{41}\})$	7680
8	$\mathcal{O}(2; \{4^4, 2^{38}\})$	30720
8	$\mathcal{O}(2; \{4^6, 2^{35}\})$	122880
8	$\mathcal{O}(2; \{4^8, 2^{32}\})$	491520
8	$\mathcal{O}(2; \{4^{10}, 2^{29}\})$	1966080
8	$\mathcal{O}(2; \{4^{12}, 2^{26}\})$	7864320
8	$\mathcal{O}(2; \{4^{14}, 2^{23}\})$	31457280
8	$\mathcal{O}(2; \{4^{16}, 2^{20}\})$	125829120
8	$\mathcal{O}(2; \{4^{18}, 2^{17}\})$	503316480
8	$\mathcal{O}(2; \{4^{20}, 2^{14}\})$	2013265920
8	$\mathcal{O}(2; \{4^{22}, 2^{11}\})$	8053063680
8	$\mathcal{O}(2; \{4^{24}, 2^8\})$	32212254720
8	$\mathcal{O}(2; \{4^{26}, 2^5\})$	128849018880
8	$\mathcal{O}(2; \{4^{28}, 2^2\})$	515396075520
8	$\mathcal{O}(2; \{8^2, 4, 2^{39}\})$	32768
8	$\mathcal{O}(2; \{8^2, 4^3, 2^{36}\})$	131072
8	$\mathcal{O}(2; \{8^2, 4^5, 2^{33}\})$	524288
8	$\mathcal{O}(2; \{8^2, 4^7, 2^{30}\})$	2097152
8	$\mathcal{O}(2; \{8^2, 4^9, 2^{27}\})$	8388608
8	$\mathcal{O}(2; \{8^2, 4^{11}, 2^{24}\})$	33554432
8	$\mathcal{O}(2; \{8^2, 4^{13}, 2^{21}\})$	134217728
8	$\mathcal{O}(2; \{8^2, 4^{15}, 2^{18}\})$	536870912
8	$\mathcal{O}(2; \{8^2, 4^{17}, 2^{15}\})$	2147483648
8	$\mathcal{O}(2; \{8^2, 4^{19}, 2^{12}\})$	8589934592
8	$\mathcal{O}(2; \{8^2, 4^{21}, 2^9\})$	34359738368
8	$\mathcal{O}(2; \{8^2, 4^{23}, 2^6\})$	137438953472
8	$\mathcal{O}(2; \{8^2, 4^{25}, 2^3\})$	549755813888
8	$\mathcal{O}(2; \{8^2, 4^{27}\})$	2199023255552
8	$\mathcal{O}(2; \{8^4, 2^{37}\})$	262144
8	$\mathcal{O}(2; \{8^4, 4^2, 2^{34}\})$	1048576
8	$\mathcal{O}(2; \{8^4, 4^4, 2^{31}\})$	4194304
8	$\mathcal{O}(2; \{8^4, 4^6, 2^{28}\})$	16777216
8	$\mathcal{O}(2; \{8^4, 4^8, 2^{25}\})$	67108864
8	$\mathcal{O}(2; \{8^4, 4^{10}, 2^{22}\})$	268435456
8	$\mathcal{O}(2; \{8^4, 4^{12}, 2^{19}\})$	1073741824
8	$\mathcal{O}(2; \{8^4, 4^{14}, 2^{16}\})$	4294967296
8	$\mathcal{O}(2; \{8^4, 4^{16}, 2^{13}\})$	17179869184

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{8^4, 4^{18}, 2^{10}\})$	68719476736
8	$\mathcal{O}(2; \{8^4, 4^{20}, 2^7\})$	274877906944
8	$\mathcal{O}(2; \{8^4, 4^{22}, 2^4\})$	1099511627776
8	$\mathcal{O}(2; \{8^4, 4^{24}, 2\})$	4398046511104
8	$\mathcal{O}(2; \{8^6, 4, 2^{32}\})$	8388608
8	$\mathcal{O}(2; \{8^6, 4^3, 2^{29}\})$	33554432
8	$\mathcal{O}(2; \{8^6, 4^5, 2^{26}\})$	134217728
8	$\mathcal{O}(2; \{8^6, 4^7, 2^{23}\})$	536870912
8	$\mathcal{O}(2; \{8^6, 4^9, 2^{20}\})$	2147483648
8	$\mathcal{O}(2; \{8^6, 4^{11}, 2^{17}\})$	8589934592
8	$\mathcal{O}(2; \{8^6, 4^{13}, 2^{14}\})$	34359738368
8	$\mathcal{O}(2; \{8^6, 4^{15}, 2^{11}\})$	137438953472
8	$\mathcal{O}(2; \{8^6, 4^{17}, 2^8\})$	549755813888
8	$\mathcal{O}(2; \{8^6, 4^{19}, 2^5\})$	2199023255552
8	$\mathcal{O}(2; \{8^6, 4^{21}, 2^2\})$	8796093022208
8	$\mathcal{O}(2; \{8^8, 2^{30}\})$	67108864
8	$\mathcal{O}(2; \{8^8, 4^2, 2^{27}\})$	268435456
8	$\mathcal{O}(2; \{8^8, 4^4, 2^{24}\})$	1073741824
8	$\mathcal{O}(2; \{8^8, 4^6, 2^{21}\})$	4294967296
8	$\mathcal{O}(2; \{8^8, 4^8, 2^{18}\})$	17179869184
8	$\mathcal{O}(2; \{8^8, 4^{10}, 2^{15}\})$	68719476736
8	$\mathcal{O}(2; \{8^8, 4^{12}, 2^{12}\})$	274877906944
8	$\mathcal{O}(2; \{8^8, 4^{14}, 2^9\})$	1099511627776
8	$\mathcal{O}(2; \{8^8, 4^{16}, 2^6\})$	4398046511104
8	$\mathcal{O}(2; \{8^8, 4^{18}, 2^3\})$	17592186044416
8	$\mathcal{O}(2; \{8^8, 4^{20}\})$	70368744177664
8	$\mathcal{O}(2; \{8^{10}, 4, 2^{25}\})$	2147483648
8	$\mathcal{O}(2; \{8^{10}, 4^3, 2^{22}\})$	8589934592
8	$\mathcal{O}(2; \{8^{10}, 4^5, 2^{19}\})$	34359738368
8	$\mathcal{O}(2; \{8^{10}, 4^7, 2^{16}\})$	137438953472
8	$\mathcal{O}(2; \{8^{10}, 4^9, 2^{13}\})$	549755813888
8	$\mathcal{O}(2; \{8^{10}, 4^{11}, 2^{10}\})$	2199023255552
8	$\mathcal{O}(2; \{8^{10}, 4^{13}, 2^7\})$	8796093022208
8	$\mathcal{O}(2; \{8^{10}, 4^{15}, 2^4\})$	35184372088832
8	$\mathcal{O}(2; \{8^{10}, 4^{17}, 2\})$	140737488355328
8	$\mathcal{O}(2; \{8^{12}, 2^{23}\})$	17179869184
8	$\mathcal{O}(2; \{8^{12}, 4^2, 2^{20}\})$	68719476736
8	$\mathcal{O}(2; \{8^{12}, 4^4, 2^{17}\})$	274877906944
8	$\mathcal{O}(2; \{8^{12}, 4^6, 2^{14}\})$	1099511627776
8	$\mathcal{O}(2; \{8^{12}, 4^8, 2^{11}\})$	4398046511104
8	$\mathcal{O}(2; \{8^{12}, 4^{10}, 2^8\})$	17592186044416
8	$\mathcal{O}(2; \{8^{12}, 4^{12}, 2^5\})$	70368744177664
8	$\mathcal{O}(2; \{8^{12}, 4^{14}, 2^2\})$	281474976710656

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{8^{14}, 4, 2^{18}\})$	549755813888
8	$\mathcal{O}(2; \{8^{14}, 4^3, 2^{15}\})$	2199023255552
8	$\mathcal{O}(2; \{8^{14}, 4^5, 2^{12}\})$	8796093022208
8	$\mathcal{O}(2; \{8^{14}, 4^7, 2^9\})$	35184372088832
8	$\mathcal{O}(2; \{8^{14}, 4^9, 2^6\})$	140737488355328
8	$\mathcal{O}(2; \{8^{14}, 4^{11}, 2^3\})$	562949953421312
8	$\mathcal{O}(2; \{8^{14}, 4^{13}\})$	2251799813685248
8	$\mathcal{O}(2; \{8^{16}, 2^{16}\})$	4398046511104
8	$\mathcal{O}(2; \{8^{16}, 4^2, 2^{13}\})$	17592186044416
8	$\mathcal{O}(2; \{8^{16}, 4^4, 2^{10}\})$	70368744177664
8	$\mathcal{O}(2; \{8^{16}, 4^6, 2^7\})$	281474976710656
8	$\mathcal{O}(2; \{8^{16}, 4^8, 2^4\})$	112589906842624
8	$\mathcal{O}(2; \{8^{16}, 4^{10}, 2\})$	4503599627370496
8	$\mathcal{O}(2; \{8^{18}, 4, 2^{11}\})$	140737488355328
8	$\mathcal{O}(2; \{8^{18}, 4^3, 2^8\})$	562949953421312
8	$\mathcal{O}(2; \{8^{18}, 4^5, 2^5\})$	2251799813685248
8	$\mathcal{O}(2; \{8^{18}, 4^7, 2^2\})$	9007199254740992
8	$\mathcal{O}(2; \{8^{20}, 2^9\})$	112589906842624
8	$\mathcal{O}(2; \{8^{20}, 4^2, 2^6\})$	4503599627370496
8	$\mathcal{O}(2; \{8^{20}, 4^4, 2^3\})$	18014398509481984
8	$\mathcal{O}(2; \{8^{20}, 4^6\})$	72057594037927936
8	$\mathcal{O}(2; \{8^{22}, 4, 2^4\})$	36028797018963968
8	$\mathcal{O}(2; \{8^{22}, 4^3, 2\})$	144115188075855872
8	$\mathcal{O}(2; \{8^{24}, 2^2\})$	288230376151711744
8	$\mathcal{O}(1; \{2^{48}\})$	48
8	$\mathcal{O}(1; \{4^2, 2^{45}\})$	96
8	$\mathcal{O}(1; \{4^4, 2^{42}\})$	384
8	$\mathcal{O}(1; \{4^6, 2^{39}\})$	1536
8	$\mathcal{O}(1; \{4^8, 2^{36}\})$	6144
8	$\mathcal{O}(1; \{4^{10}, 2^{33}\})$	24576
8	$\mathcal{O}(1; \{4^{12}, 2^{30}\})$	98304
8	$\mathcal{O}(1; \{4^{14}, 2^{27}\})$	393216
8	$\mathcal{O}(1; \{4^{16}, 2^{24}\})$	1572864
8	$\mathcal{O}(1; \{4^{18}, 2^{21}\})$	6291456
8	$\mathcal{O}(1; \{4^{20}, 2^{18}\})$	25165824
8	$\mathcal{O}(1; \{4^{22}, 2^{15}\})$	100663296
8	$\mathcal{O}(1; \{4^{24}, 2^{12}\})$	402653184
8	$\mathcal{O}(1; \{4^{26}, 2^9\})$	1610612736
8	$\mathcal{O}(1; \{4^{28}, 2^6\})$	6442450944
8	$\mathcal{O}(1; \{4^{30}, 2^3\})$	25769803776
8	$\mathcal{O}(1; \{4^{32}\})$	103079215104
8	$\mathcal{O}(1; \{8^2, 4, 2^{43}\})$	512
8	$\mathcal{O}(1; \{8^2, 4^3, 2^{40}\})$	2048

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{8^2, 4^5, 2^{37}\})$	8192
8	$\mathcal{O}(1; \{8^2, 4^7, 2^{34}\})$	32768
8	$\mathcal{O}(1; \{8^2, 4^9, 2^{31}\})$	131072
8	$\mathcal{O}(1; \{8^2, 4^{11}, 2^{28}\})$	524288
8	$\mathcal{O}(1; \{8^2, 4^{13}, 2^{25}\})$	2097152
8	$\mathcal{O}(1; \{8^2, 4^{15}, 2^{22}\})$	8388608
8	$\mathcal{O}(1; \{8^2, 4^{17}, 2^{19}\})$	33554432
8	$\mathcal{O}(1; \{8^2, 4^{19}, 2^{16}\})$	134217728
8	$\mathcal{O}(1; \{8^2, 4^{21}, 2^{13}\})$	536870912
8	$\mathcal{O}(1; \{8^2, 4^{23}, 2^{10}\})$	2147483648
8	$\mathcal{O}(1; \{8^2, 4^{25}, 2^7\})$	8589934592
8	$\mathcal{O}(1; \{8^2, 4^{27}, 2^4\})$	34359738368
8	$\mathcal{O}(1; \{8^2, 4^{29}, 2\})$	137438953472
8	$\mathcal{O}(1; \{8^4, 2^{41}\})$	4096
8	$\mathcal{O}(1; \{8^4, 4^2, 2^{38}\})$	16384
8	$\mathcal{O}(1; \{8^4, 4^4, 2^{35}\})$	65536
8	$\mathcal{O}(1; \{8^4, 4^6, 2^{32}\})$	262144
8	$\mathcal{O}(1; \{8^4, 4^8, 2^{29}\})$	1048576
8	$\mathcal{O}(1; \{8^4, 4^{10}, 2^{26}\})$	4194304
8	$\mathcal{O}(1; \{8^4, 4^{12}, 2^{23}\})$	16777216
8	$\mathcal{O}(1; \{8^4, 4^{14}, 2^{20}\})$	67108864
8	$\mathcal{O}(1; \{8^4, 4^{16}, 2^{17}\})$	268435456
8	$\mathcal{O}(1; \{8^4, 4^{18}, 2^{14}\})$	1073741824
8	$\mathcal{O}(1; \{8^4, 4^{20}, 2^{11}\})$	4294967296
8	$\mathcal{O}(1; \{8^4, 4^{22}, 2^8\})$	17179869184
8	$\mathcal{O}(1; \{8^4, 4^{24}, 2^5\})$	68719476736
8	$\mathcal{O}(1; \{8^4, 4^{26}, 2^2\})$	274877906944
8	$\mathcal{O}(1; \{8^6, 4, 2^{36}\})$	131072
8	$\mathcal{O}(1; \{8^6, 4^3, 2^{33}\})$	524288
8	$\mathcal{O}(1; \{8^6, 4^5, 2^{30}\})$	2097152
8	$\mathcal{O}(1; \{8^6, 4^7, 2^{27}\})$	8388608
8	$\mathcal{O}(1; \{8^6, 4^9, 2^{24}\})$	33554432
8	$\mathcal{O}(1; \{8^6, 4^{11}, 2^{21}\})$	134217728
8	$\mathcal{O}(1; \{8^6, 4^{13}, 2^{18}\})$	536870912
8	$\mathcal{O}(1; \{8^6, 4^{15}, 2^{15}\})$	2147483648
8	$\mathcal{O}(1; \{8^6, 4^{17}, 2^{12}\})$	8589934592
8	$\mathcal{O}(1; \{8^6, 4^{19}, 2^9\})$	34359738368
8	$\mathcal{O}(1; \{8^6, 4^{21}, 2^6\})$	137438953472
8	$\mathcal{O}(1; \{8^6, 4^{23}, 2^3\})$	549755813888
8	$\mathcal{O}(1; \{8^6, 4^{25}\})$	2199023255552
8	$\mathcal{O}(1; \{8^8, 2^{34}\})$	1048576
8	$\mathcal{O}(1; \{8^8, 4^2, 2^{31}\})$	4194304
8	$\mathcal{O}(1; \{8^8, 4^4, 2^{28}\})$	16777216

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{8^8, 4^6, 2^{25}\})$	67108864
8	$\mathcal{O}(1; \{8^8, 4^8, 2^{22}\})$	268435456
8	$\mathcal{O}(1; \{8^8, 4^{10}, 2^{19}\})$	1073741824
8	$\mathcal{O}(1; \{8^8, 4^{12}, 2^{16}\})$	4294967296
8	$\mathcal{O}(1; \{8^8, 4^{14}, 2^{13}\})$	17179869184
8	$\mathcal{O}(1; \{8^8, 4^{16}, 2^{10}\})$	68719476736
8	$\mathcal{O}(1; \{8^8, 4^{18}, 2^7\})$	274877906944
8	$\mathcal{O}(1; \{8^8, 4^{20}, 2^4\})$	1099511627776
8	$\mathcal{O}(1; \{8^8, 4^{22}, 2\})$	4398046511104
8	$\mathcal{O}(1; \{8^{10}, 4, 2^{29}\})$	33554432
8	$\mathcal{O}(1; \{8^{10}, 4^3, 2^{26}\})$	134217728
8	$\mathcal{O}(1; \{8^{10}, 4^5, 2^{23}\})$	536870912
8	$\mathcal{O}(1; \{8^{10}, 4^7, 2^{20}\})$	2147483648
8	$\mathcal{O}(1; \{8^{10}, 4^9, 2^{17}\})$	8589934592
8	$\mathcal{O}(1; \{8^{10}, 4^{11}, 2^{14}\})$	34359738368
8	$\mathcal{O}(1; \{8^{10}, 4^{13}, 2^{11}\})$	137438953472
8	$\mathcal{O}(1; \{8^{10}, 4^{15}, 2^8\})$	549755813888
8	$\mathcal{O}(1; \{8^{10}, 4^{17}, 2^5\})$	2199023255552
8	$\mathcal{O}(1; \{8^{10}, 4^{19}, 2^2\})$	8796093022208
8	$\mathcal{O}(1; \{8^{12}, 2^{27}\})$	268435456
8	$\mathcal{O}(1; \{8^{12}, 4^2, 2^{24}\})$	1073741824
8	$\mathcal{O}(1; \{8^{12}, 4^4, 2^{21}\})$	4294967296
8	$\mathcal{O}(1; \{8^{12}, 4^6, 2^{18}\})$	17179869184
8	$\mathcal{O}(1; \{8^{12}, 4^8, 2^{15}\})$	68719476736
8	$\mathcal{O}(1; \{8^{12}, 4^{10}, 2^{12}\})$	274877906944
8	$\mathcal{O}(1; \{8^{12}, 4^{12}, 2^9\})$	1099511627776
8	$\mathcal{O}(1; \{8^{12}, 4^{14}, 2^6\})$	4398046511104
8	$\mathcal{O}(1; \{8^{12}, 4^{16}, 2^3\})$	17592186044416
8	$\mathcal{O}(1; \{8^{12}, 4^{18}\})$	70368744177664
8	$\mathcal{O}(1; \{8^{14}, 4, 2^{22}\})$	8589934592
8	$\mathcal{O}(1; \{8^{14}, 4^3, 2^{19}\})$	34359738368
8	$\mathcal{O}(1; \{8^{14}, 4^5, 2^{16}\})$	137438953472
8	$\mathcal{O}(1; \{8^{14}, 4^7, 2^{13}\})$	549755813888
8	$\mathcal{O}(1; \{8^{14}, 4^9, 2^{10}\})$	2199023255552
8	$\mathcal{O}(1; \{8^{14}, 4^{11}, 2^7\})$	8796093022208
8	$\mathcal{O}(1; \{8^{14}, 4^{13}, 2^4\})$	35184372088832
8	$\mathcal{O}(1; \{8^{14}, 4^{15}, 2\})$	140737488355328
8	$\mathcal{O}(1; \{8^{16}, 2^{20}\})$	68719476736
8	$\mathcal{O}(1; \{8^{16}, 4^2, 2^{17}\})$	274877906944
8	$\mathcal{O}(1; \{8^{16}, 4^4, 2^{14}\})$	1099511627776
8	$\mathcal{O}(1; \{8^{16}, 4^6, 2^{11}\})$	4398046511104
8	$\mathcal{O}(1; \{8^{16}, 4^8, 2^8\})$	17592186044416
8	$\mathcal{O}(1; \{8^{16}, 4^{10}, 2^5\})$	70368744177664

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{8^{16}, 4^{12}, 2^2\})$	281474976710656
8	$\mathcal{O}(1; \{8^{18}, 4, 2^{15}\})$	2199023255552
8	$\mathcal{O}(1; \{8^{18}, 4^3, 2^{12}\})$	8796093022208
8	$\mathcal{O}(1; \{8^{18}, 4^5, 2^9\})$	35184372088832
8	$\mathcal{O}(1; \{8^{18}, 4^7, 2^6\})$	140737488355328
8	$\mathcal{O}(1; \{8^{18}, 4^9, 2^3\})$	562949953421312
8	$\mathcal{O}(1; \{8^{18}, 4^{11}\})$	2251799813685248
8	$\mathcal{O}(1; \{8^{20}, 2^{13}\})$	17592186044416
8	$\mathcal{O}(1; \{8^{20}, 4^2, 2^{10}\})$	70368744177664
8	$\mathcal{O}(1; \{8^{20}, 4^4, 2^7\})$	281474976710656
8	$\mathcal{O}(1; \{8^{20}, 4^6, 2^4\})$	1125899906842624
8	$\mathcal{O}(1; \{8^{20}, 4^8, 2\})$	4503599627370496
8	$\mathcal{O}(1; \{8^{22}, 4, 2^8\})$	562949953421312
8	$\mathcal{O}(1; \{8^{22}, 4^3, 2^5\})$	2251799813685248
8	$\mathcal{O}(1; \{8^{22}, 4^5, 2^2\})$	9007199254740992
8	$\mathcal{O}(1; \{8^{24}, 2^6\})$	4503599627370496
8	$\mathcal{O}(1; \{8^{24}, 4^2, 2^3\})$	18014398509481984
8	$\mathcal{O}(1; \{8^{24}, 4^4\})$	72057594037927936
8	$\mathcal{O}(1; \{8^{26}, 4, 2\})$	144115188075855872
8	$\mathcal{O}(0; \{8^2, 4, 2^{47}\})$	8
8	$\mathcal{O}(0; \{8^2, 4^3, 2^{44}\})$	32
8	$\mathcal{O}(0; \{8^2, 4^5, 2^{41}\})$	128
8	$\mathcal{O}(0; \{8^2, 4^7, 2^{38}\})$	512
8	$\mathcal{O}(0; \{8^2, 4^9, 2^{35}\})$	2048
8	$\mathcal{O}(0; \{8^2, 4^{11}, 2^{32}\})$	8192
8	$\mathcal{O}(0; \{8^2, 4^{13}, 2^{29}\})$	32768
8	$\mathcal{O}(0; \{8^2, 4^{15}, 2^{26}\})$	131072
8	$\mathcal{O}(0; \{8^2, 4^{17}, 2^{23}\})$	524288
8	$\mathcal{O}(0; \{8^2, 4^{19}, 2^{20}\})$	2097152
8	$\mathcal{O}(0; \{8^2, 4^{21}, 2^{17}\})$	8388608
8	$\mathcal{O}(0; \{8^2, 4^{23}, 2^{14}\})$	33554432
8	$\mathcal{O}(0; \{8^2, 4^{25}, 2^{11}\})$	134217728
8	$\mathcal{O}(0; \{8^2, 4^{27}, 2^8\})$	536870912
8	$\mathcal{O}(0; \{8^2, 4^{29}, 2^5\})$	2147483648
8	$\mathcal{O}(0; \{8^2, 4^{31}, 2^2\})$	8589934592
8	$\mathcal{O}(0; \{8^4, 2^{45}\})$	64
8	$\mathcal{O}(0; \{8^4, 4^2, 2^{42}\})$	256
8	$\mathcal{O}(0; \{8^4, 4^4, 2^{39}\})$	1024
8	$\mathcal{O}(0; \{8^4, 4^6, 2^{36}\})$	4096
8	$\mathcal{O}(0; \{8^4, 4^8, 2^{33}\})$	16384
8	$\mathcal{O}(0; \{8^4, 4^{10}, 2^{30}\})$	65536
8	$\mathcal{O}(0; \{8^4, 4^{12}, 2^{27}\})$	262144
8	$\mathcal{O}(0; \{8^4, 4^{14}, 2^{24}\})$	1048576

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{8^4, 4^{16}, 2^{21}\})$	4194304
8	$\mathcal{O}(0; \{8^4, 4^{18}, 2^{18}\})$	16777216
8	$\mathcal{O}(0; \{8^4, 4^{20}, 2^{15}\})$	67108864
8	$\mathcal{O}(0; \{8^4, 4^{22}, 2^{12}\})$	268435456
8	$\mathcal{O}(0; \{8^4, 4^{24}, 2^9\})$	1073741824
8	$\mathcal{O}(0; \{8^4, 4^{26}, 2^6\})$	4294967296
8	$\mathcal{O}(0; \{8^4, 4^{28}, 2^3\})$	17179869184
8	$\mathcal{O}(0; \{8^4, 4^{30}\})$	68719476736
8	$\mathcal{O}(0; \{8^6, 4, 2^{40}\})$	2048
8	$\mathcal{O}(0; \{8^6, 4^3, 2^{37}\})$	8192
8	$\mathcal{O}(0; \{8^6, 4^5, 2^{34}\})$	32768
8	$\mathcal{O}(0; \{8^6, 4^7, 2^{31}\})$	131072
8	$\mathcal{O}(0; \{8^6, 4^9, 2^{28}\})$	524288
8	$\mathcal{O}(0; \{8^6, 4^{11}, 2^{25}\})$	2097152
8	$\mathcal{O}(0; \{8^6, 4^{13}, 2^{22}\})$	8388608
8	$\mathcal{O}(0; \{8^6, 4^{15}, 2^{19}\})$	33554432
8	$\mathcal{O}(0; \{8^6, 4^{17}, 2^{16}\})$	134217728
8	$\mathcal{O}(0; \{8^6, 4^{19}, 2^{13}\})$	536870912
8	$\mathcal{O}(0; \{8^6, 4^{21}, 2^{10}\})$	2147483648
8	$\mathcal{O}(0; \{8^6, 4^{23}, 2^7\})$	8589934592
8	$\mathcal{O}(0; \{8^6, 4^{25}, 2^4\})$	34359738368
8	$\mathcal{O}(0; \{8^6, 4^{27}, 2\})$	137438953472
8	$\mathcal{O}(0; \{8^8, 2^{38}\})$	16384
8	$\mathcal{O}(0; \{8^8, 4^2, 2^{35}\})$	65536
8	$\mathcal{O}(0; \{8^8, 4^4, 2^{32}\})$	262144
8	$\mathcal{O}(0; \{8^8, 4^6, 2^{29}\})$	1048576
8	$\mathcal{O}(0; \{8^8, 4^8, 2^{26}\})$	4194304
8	$\mathcal{O}(0; \{8^8, 4^{10}, 2^{23}\})$	16777216
8	$\mathcal{O}(0; \{8^8, 4^{12}, 2^{20}\})$	67108864
8	$\mathcal{O}(0; \{8^8, 4^{14}, 2^{17}\})$	268435456
8	$\mathcal{O}(0; \{8^8, 4^{16}, 2^{14}\})$	1073741824
8	$\mathcal{O}(0; \{8^8, 4^{18}, 2^{11}\})$	4294967296
8	$\mathcal{O}(0; \{8^8, 4^{20}, 2^8\})$	17179869184
8	$\mathcal{O}(0; \{8^8, 4^{22}, 2^5\})$	68719476736
8	$\mathcal{O}(0; \{8^8, 4^{24}, 2^2\})$	274877906944
8	$\mathcal{O}(0; \{8^{10}, 4, 2^{33}\})$	524288
8	$\mathcal{O}(0; \{8^{10}, 4^3, 2^{30}\})$	2097152
8	$\mathcal{O}(0; \{8^{10}, 4^5, 2^{27}\})$	8388608
8	$\mathcal{O}(0; \{8^{10}, 4^7, 2^{24}\})$	33554432
8	$\mathcal{O}(0; \{8^{10}, 4^9, 2^{21}\})$	134217728
8	$\mathcal{O}(0; \{8^{10}, 4^{11}, 2^{18}\})$	536870912
8	$\mathcal{O}(0; \{8^{10}, 4^{13}, 2^{15}\})$	2147483648
8	$\mathcal{O}(0; \{8^{10}, 4^{15}, 2^{12}\})$	8589934592

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{8^{10}, 4^{17}, 2^9\})$	34359738368
8	$\mathcal{O}(0; \{8^{10}, 4^{19}, 2^6\})$	137438953472
8	$\mathcal{O}(0; \{8^{10}, 4^{21}, 2^3\})$	549755813888
8	$\mathcal{O}(0; \{8^{10}, 4^{23}\})$	2199023255552
8	$\mathcal{O}(0; \{8^{12}, 2^{31}\})$	4194304
8	$\mathcal{O}(0; \{8^{12}, 4^2, 2^{28}\})$	16777216
8	$\mathcal{O}(0; \{8^{12}, 4^4, 2^{25}\})$	67108864
8	$\mathcal{O}(0; \{8^{12}, 4^6, 2^{22}\})$	268435456
8	$\mathcal{O}(0; \{8^{12}, 4^8, 2^{19}\})$	1073741824
8	$\mathcal{O}(0; \{8^{12}, 4^{10}, 2^{16}\})$	4294967296
8	$\mathcal{O}(0; \{8^{12}, 4^{12}, 2^{13}\})$	17179869184
8	$\mathcal{O}(0; \{8^{12}, 4^{14}, 2^{10}\})$	68719476736
8	$\mathcal{O}(0; \{8^{12}, 4^{16}, 2^7\})$	274877906944
8	$\mathcal{O}(0; \{8^{12}, 4^{18}, 2^4\})$	1099511627776
8	$\mathcal{O}(0; \{8^{12}, 4^{20}, 2\})$	4398046511104
8	$\mathcal{O}(0; \{8^{14}, 4, 2^{26}\})$	134217728
8	$\mathcal{O}(0; \{8^{14}, 4^3, 2^{23}\})$	536870912
8	$\mathcal{O}(0; \{8^{14}, 4^5, 2^{20}\})$	2147483648
8	$\mathcal{O}(0; \{8^{14}, 4^7, 2^{17}\})$	8589934592
8	$\mathcal{O}(0; \{8^{14}, 4^9, 2^{14}\})$	34359738368
8	$\mathcal{O}(0; \{8^{14}, 4^{11}, 2^{11}\})$	137438953472
8	$\mathcal{O}(0; \{8^{14}, 4^{13}, 2^8\})$	549755813888
8	$\mathcal{O}(0; \{8^{14}, 4^{15}, 2^5\})$	2199023255552
8	$\mathcal{O}(0; \{8^{14}, 4^{17}, 2^2\})$	8796093022208
8	$\mathcal{O}(0; \{8^{16}, 2^{24}\})$	1073741824
8	$\mathcal{O}(0; \{8^{16}, 4^2, 2^{21}\})$	4294967296
8	$\mathcal{O}(0; \{8^{16}, 4^4, 2^{18}\})$	17179869184
8	$\mathcal{O}(0; \{8^{16}, 4^6, 2^{15}\})$	68719476736
8	$\mathcal{O}(0; \{8^{16}, 4^8, 2^{12}\})$	274877906944
8	$\mathcal{O}(0; \{8^{16}, 4^{10}, 2^9\})$	1099511627776
8	$\mathcal{O}(0; \{8^{16}, 4^{12}, 2^6\})$	4398046511104
8	$\mathcal{O}(0; \{8^{16}, 4^{14}, 2^3\})$	17592186044416
8	$\mathcal{O}(0; \{8^{16}, 4^{16}\})$	70368744177664
8	$\mathcal{O}(0; \{8^{18}, 4, 2^{19}\})$	34359738368
8	$\mathcal{O}(0; \{8^{18}, 4^3, 2^{16}\})$	137438953472
8	$\mathcal{O}(0; \{8^{18}, 4^5, 2^{13}\})$	549755813888
8	$\mathcal{O}(0; \{8^{18}, 4^7, 2^{10}\})$	2199023255552
8	$\mathcal{O}(0; \{8^{18}, 4^9, 2^7\})$	8796093022208
8	$\mathcal{O}(0; \{8^{18}, 4^{11}, 2^4\})$	35184372088832
8	$\mathcal{O}(0; \{8^{18}, 4^{13}, 2\})$	140737488355328
8	$\mathcal{O}(0; \{8^{20}, 2^{17}\})$	274877906944
8	$\mathcal{O}(0; \{8^{20}, 4^2, 2^{14}\})$	1099511627776
8	$\mathcal{O}(0; \{8^{20}, 4^4, 2^{11}\})$	4398046511104

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{8^{20}, 4^6, 2^8\})$	17592186044416
8	$\mathcal{O}(0; \{8^{20}, 4^8, 2^5\})$	70368744177664
8	$\mathcal{O}(0; \{8^{20}, 4^{10}, 2^2\})$	281474976710656
8	$\mathcal{O}(0; \{8^{22}, 4, 2^{12}\})$	8796093022208
8	$\mathcal{O}(0; \{8^{22}, 4^3, 2^9\})$	35184372088832
8	$\mathcal{O}(0; \{8^{22}, 4^5, 2^6\})$	140737488355328
8	$\mathcal{O}(0; \{8^{22}, 4^7, 2^3\})$	562949953421312
8	$\mathcal{O}(0; \{8^{22}, 4^9\})$	2251799813685248
8	$\mathcal{O}(0; \{8^{24}, 2^{10}\})$	70368744177664
8	$\mathcal{O}(0; \{8^{24}, 4^2, 2^7\})$	281474976710656
8	$\mathcal{O}(0; \{8^{24}, 4^4, 2^4\})$	1125899906842624
8	$\mathcal{O}(0; \{8^{24}, 4^6, 2\})$	4503599627370496
8	$\mathcal{O}(0; \{8^{26}, 4, 2^5\})$	2251799813685248
8	$\mathcal{O}(0; \{8^{26}, 4^3, 2^2\})$	9007199254740992
8	$\mathcal{O}(0; \{8^{28}, 2^3\})$	18014398509481984
8	$\mathcal{O}(0; \{8^{28}, 4^2\})$	72057594037927936
9	$\mathcal{O}(11; \{3^2\})$	1969541804304460346544
9	$\mathcal{O}(10; \{3^5\})$	121576654555701444000
9	$\mathcal{O}(10; \{9^3, 3\})$	437675956526049436836
9	$\mathcal{O}(9; \{3^8\})$	12908138602223762352
9	$\mathcal{O}(9; \{9^3, 3^4\})$	43227254965535746848
9	$\mathcal{O}(9; \{9^6\})$	802405920297757300866
9	$\mathcal{O}(8; \{3^{11}\})$	1263759739439091840
9	$\mathcal{O}(8; \{9^3, 3^7\})$	4269358515114641664
9	$\mathcal{O}(8; \{9^6, 3^3\})$	79249967436815535888
9	$\mathcal{O}(7; \{3^{14}\})$	124953014264420304
9	$\mathcal{O}(7; \{9^3, 3^{10}\})$	421665038529841152
9	$\mathcal{O}(7; \{9^6, 3^6\})$	7827157277710176384
9	$\mathcal{O}(7; \{9^9, 3^2\})$	102064352001959402280
9	$\mathcal{O}(6; \{3^{17}\})$	12339323230197600
9	$\mathcal{O}(6; \{9^3, 3^{13}\})$	41645929731342336
9	$\mathcal{O}(6; \{9^6, 3^9\})$	773052570638042112
9	$\mathcal{O}(6; \{9^9, 3^5\})$	10080429827354015040
9	$\mathcal{O}(6; \{9^{12}, 3\})$	136686181210467199524
9	$\mathcal{O}(5; \{3^{20}\})$	1218701165383152
9	$\mathcal{O}(5; \{9^3, 3^{16}\})$	4113178245070848
9	$\mathcal{O}(5; \{9^6, 3^{12}\})$	76350871174127616
9	$\mathcal{O}(5; \{9^9, 3^8\})$	995598007639902720
9	$\mathcal{O}(5; \{9^{12}, 3^4\})$	13499869749181945632
9	$\mathcal{O}(5; \{9^{15}\})$	182148178523758266618
9	$\mathcal{O}(4; \{3^{23}\})$	120348981472320
9	$\mathcal{O}(4; \{9^3, 3^{19}\})$	406239826673664
9	$\mathcal{O}(4; \{9^6, 3^{15}\})$	7540826782629888

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
9	$\mathcal{O}(4; \{9^9, 3^{11}\})$	98330667421224960
9	$\mathcal{O}(4; \{9^{12}, 3^7\})$	1333320469055006976
9	$\mathcal{O}(4; \{9^{15}, 3^3\})$	17989943557902051024
9	$\mathcal{O}(3; \{3^{26}\})$	11871826830864
9	$\mathcal{O}(3; \{9^3, 3^{22}\})$	40122452017152
9	$\mathcal{O}(3; \{9^6, 3^{18}\})$	744773015568384
9	$\mathcal{O}(3; \{9^9, 3^{14}\})$	9711670856417280
9	$\mathcal{O}(3; \{9^{12}, 3^{10}\})$	131685972252346368
9	$\mathcal{O}(3; \{9^{15}, 3^6\})$	1776784548928597632
9	$\mathcal{O}(3; \{9^{18}, 3^2\})$	23988238539592825224
9	$\mathcal{O}(2; \{3^{29}\})$	1159641165600
9	$\mathcal{O}(2; \{9^3, 3^{25}\})$	3962711310336
9	$\mathcal{O}(2; \{9^6, 3^{21}\})$	73557828698112
9	$\mathcal{O}(2; \{9^9, 3^{17}\})$	959177368535040
9	$\mathcal{O}(2; \{9^{12}, 3^{13}\})$	13006021950849024
9	$\mathcal{O}(2; \{9^{15}, 3^9\})$	175484893721342976
9	$\mathcal{O}(2; \{9^{18}, 3^5\})$	2369208744651143232
9	$\mathcal{O}(2; \{9^{21}, 3\})$	31984043531280974100
9	$\mathcal{O}(1; \{3^{32}\})$	103079215152
9	$\mathcal{O}(1; \{9^3, 3^{28}\})$	391378894848
9	$\mathcal{O}(1; \{9^6, 3^{24}\})$	7264970735616
9	$\mathcal{O}(1; \{9^9, 3^{20}\})$	94733567262720
9	$\mathcal{O}(1; \{9^{12}, 3^{16}\})$	1284545377861632
9	$\mathcal{O}(1; \{9^{15}, 3^{12}\})$	17331841355194368
9	$\mathcal{O}(1; \{9^{18}, 3^8\})$	233995925397643776
9	$\mathcal{O}(1; \{9^{21}, 3^4\})$	3158917879632688800
9	$\mathcal{O}(1; \{9^{24}\})$	42645437128626208722
9	$\mathcal{O}(0; \{9^3, 3^{31}\})$	38654705664
9	$\mathcal{O}(0; \{9^6, 3^{27}\})$	717527973888
9	$\mathcal{O}(0; \{9^9, 3^{23}\})$	9356401704960
9	$\mathcal{O}(0; \{9^{12}, 3^{19}\})$	126868679294976
9	$\mathcal{O}(0; \{9^{15}, 3^{15}\})$	1711786800513024
9	$\mathcal{O}(0; \{9^{18}, 3^{11}\})$	23110708681248768
9	$\mathcal{O}(0; \{9^{21}, 3^7\})$	311991889346438400
9	$\mathcal{O}(0; \{9^{24}, 3^3\})$	4211895025049502096
10	$\mathcal{O}(9; \{5^4\})$	51999801635742187500
10	$\mathcal{O}(9; \{10, 5, 2^3\})$	4000000000000000000
10	$\mathcal{O}(9; \{10^3, 2\})$	12000000000000000000
10	$\mathcal{O}(8; \{5^4, 2^4\})$	5200000000000000000
10	$\mathcal{O}(8; \{10, 5, 2^7\})$	4000000000000000000
10	$\mathcal{O}(8; \{10^2, 5^3, 2^2\})$	20400000000000000000
10	$\mathcal{O}(8; \{10^3, 2^5\})$	12000000000000000000
10	$\mathcal{O}(8; \{10^4, 5^2\})$	82000000000000000000

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(7; \{5^4, 2^8\})$	5200000000000000
10	$\mathcal{O}(7; \{5^9\})$	5242480004882812500
10	$\mathcal{O}(7; \{10, 5, 2^{11}\})$	4000000000000000
10	$\mathcal{O}(7; \{10, 5^6, 2^3\})$	327600000000000000
10	$\mathcal{O}(7; \{10^2, 5^3, 2^6\})$	204000000000000000
10	$\mathcal{O}(7; \{10^3, 2^9\})$	120000000000000000
10	$\mathcal{O}(7; \{10^3, 5^5, 2\})$	13108000000000000000
10	$\mathcal{O}(7; \{10^4, 5^2, 2^4\})$	820000000000000000
10	$\mathcal{O}(7; \{10^6, 5, 2^2\})$	32760000000000000000
10	$\mathcal{O}(7; \{10^8\})$	13108000000000000000
10	$\mathcal{O}(6; \{5^4, 2^{12}\})$	5200000000000000
10	$\mathcal{O}(6; \{5^9, 2^4\})$	52428000000000000000
10	$\mathcal{O}(6; \{10, 5, 2^{15}\})$	4000000000000000
10	$\mathcal{O}(6; \{10, 5^6, 2^7\})$	32760000000000000000
10	$\mathcal{O}(6; \{10^2, 5^3, 2^{10}\})$	204000000000000000
10	$\mathcal{O}(6; \{10^2, 5^8, 2^2\})$	20971600000000000000
10	$\mathcal{O}(6; \{10^3, 2^{13}\})$	120000000000000000
10	$\mathcal{O}(6; \{10^3, 5^5, 2^5\})$	13108000000000000000
10	$\mathcal{O}(6; \{10^4, 5^2, 2^8\})$	820000000000000000
10	$\mathcal{O}(6; \{10^4, 5^7\})$	83886000000000000000
10	$\mathcal{O}(6; \{10^5, 5^4, 2^3\})$	52428000000000000000
10	$\mathcal{O}(6; \{10^6, 5, 2^6\})$	32760000000000000000
10	$\mathcal{O}(6; \{10^7, 5^3, 2\})$	20971600000000000000
10	$\mathcal{O}(6; \{10^8, 2^4\})$	13108000000000000000
10	$\mathcal{O}(5; \{5^4, 2^{16}\})$	5200000000000000
10	$\mathcal{O}(5; \{5^9, 2^8\})$	52428000000000000000
10	$\mathcal{O}(5; \{5^{14}\})$	536346631992187500
10	$\mathcal{O}(5; \{10, 5, 2^{19}\})$	4000000000000000
10	$\mathcal{O}(5; \{10, 5^6, 2^{11}\})$	32760000000000000000
10	$\mathcal{O}(5; \{10, 5^{11}, 2^3\})$	33554440000000000000
10	$\mathcal{O}(5; \{10^2, 5^3, 2^{14}\})$	204000000000000000
10	$\mathcal{O}(5; \{10^2, 5^8, 2^6\})$	20971600000000000000
10	$\mathcal{O}(5; \{10^3, 2^{17}\})$	120000000000000000
10	$\mathcal{O}(5; \{10^3, 5^5, 2^9\})$	13108000000000000000
10	$\mathcal{O}(5; \{10^3, 5^{10}, 2\})$	13421772000000000000
10	$\mathcal{O}(5; \{10^4, 5^2, 2^{12}\})$	820000000000000000
10	$\mathcal{O}(5; \{10^4, 5^7, 2^4\})$	83886000000000000000
10	$\mathcal{O}(5; \{10^5, 5^4, 2^7\})$	52428000000000000000
10	$\mathcal{O}(5; \{10^6, 5, 2^{10}\})$	32760000000000000000
10	$\mathcal{O}(5; \{10^6, 5^6, 2^2\})$	33554440000000000000
10	$\mathcal{O}(5; \{10^7, 5^3, 2^5\})$	20971600000000000000
10	$\mathcal{O}(5; \{10^8, 2^8\})$	13108000000000000000
10	$\mathcal{O}(5; \{10^8, 5^5\})$	13421772000000000000

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(5; \{10^9, 5^2, 2^3\})$	8388600000000000
10	$\mathcal{O}(5; \{10^{11}, 5, 2\})$	3355444000000000
10	$\mathcal{O}(4; \{5^4, 2^{20}\})$	5200000000
10	$\mathcal{O}(4; \{5^9, 2^{12}\})$	5242800000000
10	$\mathcal{O}(4; \{5^{14}, 2^4\})$	5368709200000000
10	$\mathcal{O}(4; \{10, 5, 2^{23}\})$	400000000
10	$\mathcal{O}(4; \{10, 5^6, 2^{15}\})$	3276000000000
10	$\mathcal{O}(4; \{10, 5^{11}, 2^7\})$	3355444000000000
10	$\mathcal{O}(4; \{10^2, 5^3, 2^{18}\})$	20400000000
10	$\mathcal{O}(4; \{10^2, 5^8, 2^{10}\})$	20971600000000
10	$\mathcal{O}(4; \{10^2, 5^{13}, 2^2\})$	21474836400000000
10	$\mathcal{O}(4; \{10^3, 2^{21}\})$	1200000000
10	$\mathcal{O}(4; \{10^3, 5^5, 2^{13}\})$	1310800000000
10	$\mathcal{O}(4; \{10^3, 5^{10}, 2^5\})$	1342177200000000
10	$\mathcal{O}(4; \{10^4, 5^2, 2^{16}\})$	82000000000
10	$\mathcal{O}(4; \{10^4, 5^7, 2^8\})$	838860000000000
10	$\mathcal{O}(4; \{10^4, 5^{12}\})$	85899346000000000
10	$\mathcal{O}(4; \{10^5, 5^4, 2^{11}\})$	5242800000000
10	$\mathcal{O}(4; \{10^5, 5^9, 2^3\})$	5368709200000000
10	$\mathcal{O}(4; \{10^6, 5, 2^{14}\})$	3276000000000
10	$\mathcal{O}(4; \{10^6, 5^6, 2^6\})$	3355444000000000
10	$\mathcal{O}(4; \{10^7, 5^3, 2^9\})$	20971600000000
10	$\mathcal{O}(4; \{10^7, 5^8, 2\})$	21474836400000000
10	$\mathcal{O}(4; \{10^8, 2^{12}\})$	1310800000000
10	$\mathcal{O}(4; \{10^8, 5^5, 2^4\})$	1342177200000000
10	$\mathcal{O}(4; \{10^9, 5^2, 2^7\})$	838860000000000
10	$\mathcal{O}(4; \{10^{10}, 5^4, 2^2\})$	5368709200000000
10	$\mathcal{O}(4; \{10^{11}, 5, 2^5\})$	3355444000000000
10	$\mathcal{O}(4; \{10^{12}, 5^3\})$	21474836400000000
10	$\mathcal{O}(4; \{10^{13}, 2^3\})$	1342177200000000
10	$\mathcal{O}(3; \{5^4, 2^{24}\})$	52000000
10	$\mathcal{O}(3; \{5^9, 2^{16}\})$	52428000000
10	$\mathcal{O}(3; \{5^{14}, 2^8\})$	53687092000000
10	$\mathcal{O}(3; \{5^{19}\})$	54116587928812500
10	$\mathcal{O}(3; \{10, 5, 2^{27}\})$	4000000
10	$\mathcal{O}(3; \{10, 5^6, 2^{19}\})$	3276000000
10	$\mathcal{O}(3; \{10, 5^{11}, 2^{11}\})$	3355444000000
10	$\mathcal{O}(3; \{10, 5^{16}, 2^3\})$	3435973836000000
10	$\mathcal{O}(3; \{10^2, 5^3, 2^{22}\})$	204000000
10	$\mathcal{O}(3; \{10^2, 5^8, 2^{14}\})$	209716000000
10	$\mathcal{O}(3; \{10^2, 5^{13}, 2^6\})$	214748364000000
10	$\mathcal{O}(3; \{10^3, 2^{25}\})$	12000000
10	$\mathcal{O}(3; \{10^3, 5^5, 2^{17}\})$	13108000000

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(3; \{10^3, 5^{10}, 2^9\})$	13421772000000
10	$\mathcal{O}(3; \{10^3, 5^{15}, 2\})$	1374389534800000
10	$\mathcal{O}(3; \{10^4, 5^2, 2^{20}\})$	820000000
10	$\mathcal{O}(3; \{10^4, 5^7, 2^{12}\})$	838860000000
10	$\mathcal{O}(3; \{10^4, 5^{12}, 2^4\})$	85899346000000
10	$\mathcal{O}(3; \{10^5, 5^4, 2^{15}\})$	5242800000
10	$\mathcal{O}(3; \{10^5, 5^9, 2^7\})$	53687092000000
10	$\mathcal{O}(3; \{10^6, 5, 2^{18}\})$	3276000000
10	$\mathcal{O}(3; \{10^6, 5^6, 2^{10}\})$	3355444000000
10	$\mathcal{O}(3; \{10^6, 5^{11}, 2^2\})$	3435973836000000
10	$\mathcal{O}(3; \{10^7, 5^3, 2^{13}\})$	209716000000
10	$\mathcal{O}(3; \{10^7, 5^8, 2^5\})$	214748364000000
10	$\mathcal{O}(3; \{10^8, 2^{16}\})$	13108000000
10	$\mathcal{O}(3; \{10^8, 5^5, 2^8\})$	13421772000000
10	$\mathcal{O}(3; \{10^8, 5^{10}\})$	1374389534800000
10	$\mathcal{O}(3; \{10^9, 5^2, 2^{11}\})$	838860000000
10	$\mathcal{O}(3; \{10^9, 5^7, 2^3\})$	85899346000000
10	$\mathcal{O}(3; \{10^{10}, 5^4, 2^6\})$	53687092000000
10	$\mathcal{O}(3; \{10^{11}, 5, 2^9\})$	3355444000000
10	$\mathcal{O}(3; \{10^{11}, 5^6, 2\})$	3435973836000000
10	$\mathcal{O}(3; \{10^{12}, 5^3, 2^4\})$	214748364000000
10	$\mathcal{O}(3; \{10^{13}, 2^7\})$	13421772000000
10	$\mathcal{O}(3; \{10^{14}, 5^2, 2^2\})$	85899346000000
10	$\mathcal{O}(3; \{10^{16}, 5\})$	3435973836000000
10	$\mathcal{O}(2; \{5^4, 2^{28}\})$	520000
10	$\mathcal{O}(2; \{5^9, 2^{20}\})$	524280000
10	$\mathcal{O}(2; \{5^{14}, 2^{12}\})$	536870920000
10	$\mathcal{O}(2; \{5^{19}, 2^4\})$	549755813880000
10	$\mathcal{O}(2; \{10, 5, 2^{31}\})$	40000
10	$\mathcal{O}(2; \{10, 5^6, 2^{23}\})$	32760000
10	$\mathcal{O}(2; \{10, 5^{11}, 2^{15}\})$	33554440000
10	$\mathcal{O}(2; \{10, 5^{16}, 2^7\})$	34359738360000
10	$\mathcal{O}(2; \{10^2, 5^3, 2^{26}\})$	2040000
10	$\mathcal{O}(2; \{10^2, 5^8, 2^{18}\})$	2097160000
10	$\mathcal{O}(2; \{10^2, 5^{13}, 2^{10}\})$	2147483640000
10	$\mathcal{O}(2; \{10^2, 5^{18}, 2^2\})$	2199023255560000
10	$\mathcal{O}(2; \{10^3, 2^{29}\})$	120000
10	$\mathcal{O}(2; \{10^3, 5^5, 2^{21}\})$	131080000
10	$\mathcal{O}(2; \{10^3, 5^{10}, 2^{13}\})$	134217720000
10	$\mathcal{O}(2; \{10^3, 5^{15}, 2^5\})$	137438953480000
10	$\mathcal{O}(2; \{10^4, 5^2, 2^{24}\})$	8200000
10	$\mathcal{O}(2; \{10^4, 5^7, 2^{16}\})$	8388600000
10	$\mathcal{O}(2; \{10^4, 5^{12}, 2^8\})$	8589934600000

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(2; \{10^4, 5^{17}\})$	8796093022200000
10	$\mathcal{O}(2; \{10^5, 5^4, 2^{19}\})$	524280000
10	$\mathcal{O}(2; \{10^5, 5^9, 2^{11}\})$	536870920000
10	$\mathcal{O}(2; \{10^5, 5^{14}, 2^3\})$	549755813880000
10	$\mathcal{O}(2; \{10^6, 5, 2^{22}\})$	32760000
10	$\mathcal{O}(2; \{10^6, 5^6, 2^{14}\})$	33554440000
10	$\mathcal{O}(2; \{10^6, 5^{11}, 2^6\})$	34359738360000
10	$\mathcal{O}(2; \{10^7, 5^3, 2^{17}\})$	2097160000
10	$\mathcal{O}(2; \{10^7, 5^8, 2^9\})$	2147483640000
10	$\mathcal{O}(2; \{10^7, 5^{13}, 2\})$	2199023255560000
10	$\mathcal{O}(2; \{10^8, 2^{20}\})$	131080000
10	$\mathcal{O}(2; \{10^8, 5^5, 2^{12}\})$	134217720000
10	$\mathcal{O}(2; \{10^8, 5^{10}, 2^4\})$	137438953480000
10	$\mathcal{O}(2; \{10^9, 5^2, 2^{15}\})$	8388600000
10	$\mathcal{O}(2; \{10^9, 5^7, 2^7\})$	8589934600000
10	$\mathcal{O}(2; \{10^{10}, 5^4, 2^{10}\})$	536870920000
10	$\mathcal{O}(2; \{10^{10}, 5^9, 2^2\})$	549755813880000
10	$\mathcal{O}(2; \{10^{11}, 5, 2^{13}\})$	33554440000
10	$\mathcal{O}(2; \{10^{11}, 5^6, 2^5\})$	34359738360000
10	$\mathcal{O}(2; \{10^{12}, 5^3, 2^8\})$	2147483640000
10	$\mathcal{O}(2; \{10^{12}, 5^8\})$	2199023255560000
10	$\mathcal{O}(2; \{10^{13}, 2^{11}\})$	134217720000
10	$\mathcal{O}(2; \{10^{13}, 5^5, 2^3\})$	137438953480000
10	$\mathcal{O}(2; \{10^{14}, 5^2, 2^6\})$	8589934600000
10	$\mathcal{O}(2; \{10^{15}, 5^4, 2\})$	549755813880000
10	$\mathcal{O}(2; \{10^{16}, 5, 2^4\})$	34359738360000
10	$\mathcal{O}(2; \{10^{18}, 2^2\})$	137438953480000
10	$\mathcal{O}(1; \{5^4, 2^{32}\})$	5200
10	$\mathcal{O}(1; \{5^9, 2^{24}\})$	5242800
10	$\mathcal{O}(1; \{5^{14}, 2^{16}\})$	5368709200
10	$\mathcal{O}(1; \{5^{19}, 2^8\})$	5497558138800
10	$\mathcal{O}(1; \{5^{24}\})$	4222124650659900
10	$\mathcal{O}(1; \{10, 5, 2^{35}\})$	400
10	$\mathcal{O}(1; \{10, 5^6, 2^{27}\})$	327600
10	$\mathcal{O}(1; \{10, 5^{11}, 2^{19}\})$	335544400
10	$\mathcal{O}(1; \{10, 5^{16}, 2^{11}\})$	343597383600
10	$\mathcal{O}(1; \{10, 5^{21}, 2^3\})$	351843720888400
10	$\mathcal{O}(1; \{10^2, 5^3, 2^{30}\})$	20400
10	$\mathcal{O}(1; \{10^2, 5^8, 2^{22}\})$	20971600
10	$\mathcal{O}(1; \{10^2, 5^{13}, 2^{14}\})$	21474836400
10	$\mathcal{O}(1; \{10^2, 5^{18}, 2^6\})$	21990232555600
10	$\mathcal{O}(1; \{10^3, 2^{33}\})$	1200
10	$\mathcal{O}(1; \{10^3, 5^5, 2^{25}\})$	1310800

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(1; \{10^3, 5^{10}, 2^{17}\})$	1342177200
10	$\mathcal{O}(1; \{10^3, 5^{15}, 2^9\})$	1374389534800
10	$\mathcal{O}(1; \{10^3, 5^{20}, 2\})$	1407374883553200
10	$\mathcal{O}(1; \{10^4, 5^2, 2^{28}\})$	82000
10	$\mathcal{O}(1; \{10^4, 5^7, 2^{20}\})$	83886000
10	$\mathcal{O}(1; \{10^4, 5^{12}, 2^{12}\})$	85899346000
10	$\mathcal{O}(1; \{10^4, 5^{17}, 2^4\})$	87960930222000
10	$\mathcal{O}(1; \{10^5, 5^4, 2^{23}\})$	5242800
10	$\mathcal{O}(1; \{10^5, 5^9, 2^{15}\})$	5368709200
10	$\mathcal{O}(1; \{10^5, 5^{14}, 2^7\})$	5497558138800
10	$\mathcal{O}(1; \{10^6, 5, 2^{26}\})$	327600
10	$\mathcal{O}(1; \{10^6, 5^6, 2^{18}\})$	335544400
10	$\mathcal{O}(1; \{10^6, 5^{11}, 2^{10}\})$	343597383600
10	$\mathcal{O}(1; \{10^6, 5^{16}, 2^2\})$	351843720888400
10	$\mathcal{O}(1; \{10^7, 5^3, 2^{21}\})$	20971600
10	$\mathcal{O}(1; \{10^7, 5^8, 2^{13}\})$	21474836400
10	$\mathcal{O}(1; \{10^7, 5^{13}, 2^5\})$	21990232555600
10	$\mathcal{O}(1; \{10^8, 2^{24}\})$	1310800
10	$\mathcal{O}(1; \{10^8, 5^5, 2^{16}\})$	1342177200
10	$\mathcal{O}(1; \{10^8, 5^{10}, 2^8\})$	1374389534800
10	$\mathcal{O}(1; \{10^8, 5^{15}\})$	1407374883553200
10	$\mathcal{O}(1; \{10^9, 5^2, 2^{19}\})$	83886000
10	$\mathcal{O}(1; \{10^9, 5^7, 2^{11}\})$	85899346000
10	$\mathcal{O}(1; \{10^9, 5^{12}, 2^3\})$	87960930222000
10	$\mathcal{O}(1; \{10^{10}, 5^4, 2^{14}\})$	5368709200
10	$\mathcal{O}(1; \{10^{10}, 5^9, 2^6\})$	5497558138800
10	$\mathcal{O}(1; \{10^{11}, 5, 2^{17}\})$	335544400
10	$\mathcal{O}(1; \{10^{11}, 5^6, 2^9\})$	343597383600
10	$\mathcal{O}(1; \{10^{11}, 5^{11}, 2\})$	351843720888400
10	$\mathcal{O}(1; \{10^{12}, 5^3, 2^{12}\})$	21474836400
10	$\mathcal{O}(1; \{10^{12}, 5^8, 2^4\})$	21990232555600
10	$\mathcal{O}(1; \{10^{13}, 2^{15}\})$	1342177200
10	$\mathcal{O}(1; \{10^{13}, 5^5, 2^7\})$	1374389534800
10	$\mathcal{O}(1; \{10^{14}, 5^2, 2^{10}\})$	85899346000
10	$\mathcal{O}(1; \{10^{14}, 5^7, 2^2\})$	87960930222000
10	$\mathcal{O}(1; \{10^{15}, 5^4, 2^5\})$	5497558138800
10	$\mathcal{O}(1; \{10^{16}, 5, 2^8\})$	343597383600
10	$\mathcal{O}(1; \{10^{16}, 5^6\})$	351843720888400
10	$\mathcal{O}(1; \{10^{17}, 5^3, 2^3\})$	21990232555600
10	$\mathcal{O}(1; \{10^{18}, 2^6\})$	1374389534800
10	$\mathcal{O}(1; \{10^{19}, 5^2, 2\})$	87960930222000
10	$\mathcal{O}(0; \{5^4, 2^{36}\})$	52
10	$\mathcal{O}(0; \{5^9, 2^{28}\})$	52428

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(0; \{5^{14}, 2^{20}\})$	53687092
10	$\mathcal{O}(0; \{5^{19}, 2^{12}\})$	54975581388
10	$\mathcal{O}(0; \{5^{24}, 2^4\})$	56294995342132
10	$\mathcal{O}(0; \{10, 5, 2^{39}\})$	4
10	$\mathcal{O}(0; \{10, 5^6, 2^{31}\})$	3276
10	$\mathcal{O}(0; \{10, 5^{11}, 2^{23}\})$	3355444
10	$\mathcal{O}(0; \{10, 5^{16}, 2^{15}\})$	3435973836
10	$\mathcal{O}(0; \{10, 5^{21}, 2^7\})$	3518437208884
10	$\mathcal{O}(0; \{10^2, 5^3, 2^{34}\})$	204
10	$\mathcal{O}(0; \{10^2, 5^8, 2^{26}\})$	209716
10	$\mathcal{O}(0; \{10^2, 5^{13}, 2^{18}\})$	214748364
10	$\mathcal{O}(0; \{10^2, 5^{18}, 2^{10}\})$	219902325556
10	$\mathcal{O}(0; \{10^2, 5^{23}, 2^2\})$	225179981368524
10	$\mathcal{O}(0; \{10^3, 2^{37}\})$	12
10	$\mathcal{O}(0; \{10^3, 5^5, 2^{29}\})$	13108
10	$\mathcal{O}(0; \{10^3, 5^{10}, 2^{21}\})$	13421772
10	$\mathcal{O}(0; \{10^3, 5^{15}, 2^{13}\})$	13743895348
10	$\mathcal{O}(0; \{10^3, 5^{20}, 2^5\})$	14073748835532
10	$\mathcal{O}(0; \{10^4, 5^2, 2^{32}\})$	820
10	$\mathcal{O}(0; \{10^4, 5^7, 2^{24}\})$	838860
10	$\mathcal{O}(0; \{10^4, 5^{12}, 2^{16}\})$	858993460
10	$\mathcal{O}(0; \{10^4, 5^{17}, 2^8\})$	879609302220
10	$\mathcal{O}(0; \{10^4, 5^{22}\})$	900719925474100
10	$\mathcal{O}(0; \{10^5, 5^4, 2^{27}\})$	52428
10	$\mathcal{O}(0; \{10^5, 5^9, 2^{19}\})$	53687092
10	$\mathcal{O}(0; \{10^5, 5^{14}, 2^{11}\})$	54975581388
10	$\mathcal{O}(0; \{10^5, 5^{19}, 2^3\})$	56294995342132
10	$\mathcal{O}(0; \{10^6, 5, 2^{30}\})$	3276
10	$\mathcal{O}(0; \{10^6, 5^6, 2^{22}\})$	3355444
10	$\mathcal{O}(0; \{10^6, 5^{11}, 2^{14}\})$	3435973836
10	$\mathcal{O}(0; \{10^6, 5^{16}, 2^6\})$	3518437208884
10	$\mathcal{O}(0; \{10^7, 5^3, 2^{25}\})$	209716
10	$\mathcal{O}(0; \{10^7, 5^8, 2^{17}\})$	214748364
10	$\mathcal{O}(0; \{10^7, 5^{13}, 2^9\})$	219902325556
10	$\mathcal{O}(0; \{10^7, 5^{18}, 2\})$	225179981368524
10	$\mathcal{O}(0; \{10^8, 2^{28}\})$	13108
10	$\mathcal{O}(0; \{10^8, 5^5, 2^{20}\})$	13421772
10	$\mathcal{O}(0; \{10^8, 5^{10}, 2^{12}\})$	13743895348
10	$\mathcal{O}(0; \{10^8, 5^{15}, 2^4\})$	14073748835532
10	$\mathcal{O}(0; \{10^9, 5^2, 2^{23}\})$	838860
10	$\mathcal{O}(0; \{10^9, 5^7, 2^{15}\})$	858993460
10	$\mathcal{O}(0; \{10^9, 5^{12}, 2^7\})$	879609302220
10	$\mathcal{O}(0; \{10^{10}, 5^4, 2^{18}\})$	53687092

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(0; \{10^{10}, 5^9, 2^{10}\})$	54975581388
10	$\mathcal{O}(0; \{10^{10}, 5^{14}, 2^2\})$	56294995342132
10	$\mathcal{O}(0; \{10^{11}, 5, 2^{21}\})$	3355444
10	$\mathcal{O}(0; \{10^{11}, 5^6, 2^{13}\})$	3435973836
10	$\mathcal{O}(0; \{10^{11}, 5^{11}, 2^5\})$	3518437208884
10	$\mathcal{O}(0; \{10^{12}, 5^3, 2^{16}\})$	214748364
10	$\mathcal{O}(0; \{10^{12}, 5^8, 2^8\})$	219902325556
10	$\mathcal{O}(0; \{10^{12}, 5^{13}\})$	225179981368524
10	$\mathcal{O}(0; \{10^{13}, 2^{19}\})$	13421772
10	$\mathcal{O}(0; \{10^{13}, 5^5, 2^{11}\})$	13743895348
10	$\mathcal{O}(0; \{10^{13}, 5^{10}, 2^3\})$	14073748835532
10	$\mathcal{O}(0; \{10^{14}, 5^2, 2^{14}\})$	858993460
10	$\mathcal{O}(0; \{10^{14}, 5^7, 2^6\})$	879609302220
10	$\mathcal{O}(0; \{10^{15}, 5^4, 2^9\})$	54975581388
10	$\mathcal{O}(0; \{10^{15}, 5^9, 2\})$	56294995342132
10	$\mathcal{O}(0; \{10^{16}, 5, 2^{12}\})$	3435973836
10	$\mathcal{O}(0; \{10^{16}, 5^6, 2^4\})$	3518437208884
10	$\mathcal{O}(0; \{10^{17}, 5^3, 2^7\})$	219902325556
10	$\mathcal{O}(0; \{10^{18}, 2^{10}\})$	13743895348
10	$\mathcal{O}(0; \{10^{18}, 5^5, 2^2\})$	14073748835532
10	$\mathcal{O}(0; \{10^{19}, 5^2, 2^5\})$	879609302220
10	$\mathcal{O}(0; \{10^{20}, 5^4\})$	56294995342132
10	$\mathcal{O}(0; \{10^{21}, 5, 2^3\})$	3518437208884
10	$\mathcal{O}(0; \{10^{23}, 2\})$	14073748835532
11	$\mathcal{O}(7; \{11^6\})$	34523057371052439310
11	$\mathcal{O}(2; \{11^{17}\})$	133099999999999986690
12	$\mathcal{O}(9; \emptyset)$	26623231652209360896
12	$\mathcal{O}(8; \{2^4\})$	184881433490227200
12	$\mathcal{O}(8; \{3^3\})$	369762875570257920
12	$\mathcal{O}(8; \{4^2, 2\})$	369768509200138240
12	$\mathcal{O}(8; \{6, 3, 2\})$	369762875570257920
12	$\mathcal{O}(7; \{2^8\})$	1283839831965696
12	$\mathcal{O}(7; \{3^3, 2^4\})$	2567680200769536
12	$\mathcal{O}(7; \{3^6\})$	28244482208464896
12	$\mathcal{O}(7; \{4^2, 2^5\})$	2567836392226816
12	$\mathcal{O}(7; \{4^2, 3^3, 2\})$	5135673858195456
12	$\mathcal{O}(7; \{4^4, 2^2\})$	10271345568907264
12	$\mathcal{O}(7; \{6, 3, 2^5\})$	2567680200769536
12	$\mathcal{O}(7; \{6, 3^4, 2\})$	12838401003847680
12	$\mathcal{O}(7; \{6, 4^2, 3, 2^2\})$	5135673858195456
12	$\mathcal{O}(7; \{6^2, 3^2, 2^2\})$	7703040602308608
12	$\mathcal{O}(7; \{6^3, 2^3\})$	2567680200769536
12	$\mathcal{O}(7; \{6^3, 4^2\})$	5135673858195456

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(7; \{6^4, 3\})$	12838401003847680
12	$\mathcal{O}(7; \{12, 4, 3^2, 2^2\})$	5135673858195456
12	$\mathcal{O}(7; \{12, 6, 4, 2^3\})$	5135673858195456
12	$\mathcal{O}(7; \{12, 6, 4^3\})$	20542695432781824
12	$\mathcal{O}(7; \{12, 6^2, 4, 3\})$	15407021574586368
12	$\mathcal{O}(7; \{12^2, 3, 2^3\})$	5135673858195456
12	$\mathcal{O}(7; \{12^2, 4^2, 3\})$	20542695432781824
12	$\mathcal{O}(7; \{12^2, 6, 3^2\})$	25678369290977280
12	$\mathcal{O}(7; \{12^2, 6^2, 2\})$	15407021574586368
12	$\mathcal{O}(7; \{12^3, 4, 2\})$	20542695432781824
12	$\mathcal{O}(6; \{2^{12}\})$	8913906892800
12	$\mathcal{O}(6; \{3^3, 2^8\})$	17827847331840
12	$\mathcal{O}(6; \{3^6, 2^4\})$	196106320650240
12	$\mathcal{O}(6; \{3^9\})$	1515367023206400
12	$\mathcal{O}(6; \{4^2, 2^9\})$	17832167342080
12	$\mathcal{O}(6; \{4^2, 3^3, 2^5\})$	35664401793024
12	$\mathcal{O}(6; \{4^2, 3^6, 2\})$	392308419723264
12	$\mathcal{O}(6; \{4^4, 2^6\})$	71328669368320
12	$\mathcal{O}(6; \{4^4, 3^3, 2^2\})$	142657607172096
12	$\mathcal{O}(6; \{4^6, 2^3\})$	285314677473280
12	$\mathcal{O}(6; \{4^8\})$	1141258709893120
12	$\mathcal{O}(6; \{6, 3, 2^9\})$	17827847331840
12	$\mathcal{O}(6; \{6, 3^4, 2^5\})$	89139236659200
12	$\mathcal{O}(6; \{6, 3^7, 2\})$	766597435269120
12	$\mathcal{O}(6; \{6, 4^2, 3, 2^6\})$	35664401793024
12	$\mathcal{O}(6; \{6, 4^2, 3^4, 2^2\})$	178322008965120
12	$\mathcal{O}(6; \{6, 4^4, 3, 2^3\})$	142657607172096
12	$\mathcal{O}(6; \{6, 4^6, 3\})$	570630428688384
12	$\mathcal{O}(6; \{6^2, 3^2, 2^6\})$	53483541995520
12	$\mathcal{O}(6; \{6^2, 3^5, 2^2\})$	374384793968640
12	$\mathcal{O}(6; \{6^2, 4^2, 3^2, 2^3\})$	106993205379072
12	$\mathcal{O}(6; \{6^2, 4^4, 3^2\})$	427972821516288
12	$\mathcal{O}(6; \{6^3, 2^7\})$	17827847331840
12	$\mathcal{O}(6; \{6^3, 3^3, 2^3\})$	196106320650240
12	$\mathcal{O}(6; \{6^3, 4^2, 2^4\})$	35664401793024
12	$\mathcal{O}(6; \{6^3, 4^2, 3^3\})$	392308419723264
12	$\mathcal{O}(6; \{6^3, 4^4, 2\})$	142657607172096
12	$\mathcal{O}(6; \{6^4, 3, 2^4\})$	89139236659200
12	$\mathcal{O}(6; \{6^4, 3^4\})$	766597435269120
12	$\mathcal{O}(6; \{6^4, 4^2, 3, 2\})$	178322008965120
12	$\mathcal{O}(6; \{6^5, 3^2, 2\})$	374384793968640
12	$\mathcal{O}(6; \{6^6, 2^2\})$	196106320650240
12	$\mathcal{O}(6; \{12, 4, 3^2, 2^6\})$	35664401793024

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(6; \{12, 4, 3^5, 2^2\})$	392308419723264
12	$\mathcal{O}(6; \{12, 4^3, 3^2, 2^3\})$	142657607172096
12	$\mathcal{O}(6; \{12, 4^5, 3^2\})$	570630428688384
12	$\mathcal{O}(6; \{12, 6, 4, 2^7\})$	35664401793024
12	$\mathcal{O}(6; \{12, 6, 4, 3^3, 2^3\})$	178322008965120
12	$\mathcal{O}(6; \{12, 6, 4^3, 2^4\})$	142657607172096
12	$\mathcal{O}(6; \{12, 6, 4^3, 3^3\})$	713288035860480
12	$\mathcal{O}(6; \{12, 6, 4^5, 2\})$	570630428688384
12	$\mathcal{O}(6; \{12, 6^2, 4, 3, 2^4\})$	106993205379072
12	$\mathcal{O}(6; \{12, 6^2, 4, 3^4\})$	748952437653504
12	$\mathcal{O}(6; \{12, 6^2, 4^3, 3, 2\})$	427972821516288
12	$\mathcal{O}(6; \{12, 6^3, 4, 3^2, 2\})$	392308419723264
12	$\mathcal{O}(6; \{12, 6^4, 4, 2^2\})$	178322008965120
12	$\mathcal{O}(6; \{12^2, 3, 2^7\})$	35664401793024
12	$\mathcal{O}(6; \{12^2, 3^4, 2^3\})$	392308419723264
12	$\mathcal{O}(6; \{12^2, 4^2, 3, 2^4\})$	142657607172096
12	$\mathcal{O}(6; \{12^2, 4^2, 3^4\})$	1569233678893056
12	$\mathcal{O}(6; \{12^2, 4^4, 3, 2\})$	570630428688384
12	$\mathcal{O}(6; \{12^2, 6, 3^2, 2^4\})$	178322008965120
12	$\mathcal{O}(6; \{12^2, 6, 3^5\})$	1533569277100032
12	$\mathcal{O}(6; \{12^2, 6, 4^2, 3^2, 2\})$	713288035860480
12	$\mathcal{O}(6; \{12^2, 6^2, 2^5\})$	106993205379072
12	$\mathcal{O}(6; \{12^2, 6^2, 3^3, 2\})$	748952437653504
12	$\mathcal{O}(6; \{12^2, 6^2, 4^2, 2^2\})$	427972821516288
12	$\mathcal{O}(6; \{12^2, 6^3, 3, 2^2\})$	392308419723264
12	$\mathcal{O}(6; \{12^2, 6^5\})$	748952437653504
12	$\mathcal{O}(6; \{12^3, 4, 2^5\})$	142657607172096
12	$\mathcal{O}(6; \{12^3, 4, 3^3, 2\})$	1569233678893056
12	$\mathcal{O}(6; \{12^3, 4^3, 2^2\})$	570630428688384
12	$\mathcal{O}(6; \{12^3, 6, 4, 3, 2^2\})$	713288035860480
12	$\mathcal{O}(6; \{12^3, 6^3, 4\})$	1569233678893056
12	$\mathcal{O}(6; \{12^4, 3^2, 2^2\})$	1569233678893056
12	$\mathcal{O}(6; \{12^4, 6, 2^3\})$	713288035860480
12	$\mathcal{O}(6; \{12^4, 6, 4^2\})$	2853152143441920
12	$\mathcal{O}(6; \{12^4, 6^2, 3\})$	2995809750614016
12	$\mathcal{O}(6; \{12^5, 4, 3\})$	6276934715572224
12	$\mathcal{O}(6; \{12^6, 2\})$	6276934715572224
12	$\mathcal{O}(5; \{2^{16}\})$	61855850496
12	$\mathcal{O}(5; \{3^3, 2^{12}\})$	123713796096
12	$\mathcal{O}(5; \{3^6, 2^8\})$	1360851757056
12	$\mathcal{O}(5; \{3^9, 2^4\})$	10515672668160
12	$\mathcal{O}(5; \{3^{12}\})$	84496522733568
12	$\mathcal{O}(5; \{4^2, 2^{13}\})$	123832631296

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{4^2, 3^3, 2^9\})$	247669456896
12	$\mathcal{O}(5; \{4^2, 3^6, 2^5\})$	2724364025856
12	$\mathcal{O}(5; \{4^2, 3^9, 2\})$	21051903836160
12	$\mathcal{O}(5; \{4^4, 2^{10}\})$	495330525184
12	$\mathcal{O}(5; \{4^4, 3^3, 2^6\})$	990677827584
12	$\mathcal{O}(5; \{4^4, 3^6, 2^2\})$	10897456103424
12	$\mathcal{O}(5; \{4^6, 2^7\})$	1981322100736
12	$\mathcal{O}(5; \{4^6, 3^3, 2^3\})$	3962711310336
12	$\mathcal{O}(5; \{4^8, 2^4\})$	7925288402944
12	$\mathcal{O}(5; \{4^8, 3^3\})$	15850845241344
12	$\mathcal{O}(5; \{4^{10}, 2\})$	31701153611776
12	$\mathcal{O}(5; \{6, 3, 2^{13}\})$	123713796096
12	$\mathcal{O}(5; \{6, 3^4, 2^9\})$	618568980480
12	$\mathcal{O}(5; \{6, 3^7, 2^5\})$	5319693232128
12	$\mathcal{O}(5; \{6, 3^{10}, 2\})$	42186404468736
12	$\mathcal{O}(5; \{6, 4^2, 3, 2^{10}\})$	247669456896
12	$\mathcal{O}(5; \{6, 4^2, 3^4, 2^6\})$	1238347284480
12	$\mathcal{O}(5; \{6, 4^2, 3^7, 2^2\})$	10649786646528
12	$\mathcal{O}(5; \{6, 4^4, 3, 2^7\})$	990677827584
12	$\mathcal{O}(5; \{6, 4^4, 3^4, 2^3\})$	4953389137920
12	$\mathcal{O}(5; \{6, 4^6, 3, 2^4\})$	3962711310336
12	$\mathcal{O}(5; \{6, 4^6, 3^4\})$	19813556551680
12	$\mathcal{O}(5; \{6, 4^8, 3, 2\})$	15850845241344
12	$\mathcal{O}(5; \{6^2, 3^2, 2^{10}\})$	371141388288
12	$\mathcal{O}(5; \{6^2, 3^5, 2^6\})$	2597989718016
12	$\mathcal{O}(5; \{6^2, 3^8, 2^2\})$	21155059132416
12	$\mathcal{O}(5; \{6^2, 4^2, 3^2, 2^7\})$	743008370688
12	$\mathcal{O}(5; \{6^2, 4^2, 3^5, 2^3\})$	5201058594816
12	$\mathcal{O}(5; \{6^2, 4^4, 3^2, 2^4\})$	2972033482752
12	$\mathcal{O}(5; \{6^2, 4^4, 3^5\})$	20804234379264
12	$\mathcal{O}(5; \{6^2, 4^6, 3^2, 2\})$	11888133931008
12	$\mathcal{O}(5; \{6^3, 2^{11}\})$	123713796096
12	$\mathcal{O}(5; \{6^3, 3^3, 2^7\})$	1360851757056
12	$\mathcal{O}(5; \{6^3, 3^6, 2^3\})$	10515672668160
12	$\mathcal{O}(5; \{6^3, 4^2, 2^8\})$	247669456896
12	$\mathcal{O}(5; \{6^3, 4^2, 3^3, 2^4\})$	2724364025856
12	$\mathcal{O}(5; \{6^3, 4^2, 3^6\})$	21051903836160
12	$\mathcal{O}(5; \{6^3, 4^4, 2^5\})$	990677827584
12	$\mathcal{O}(5; \{6^3, 4^4, 3^3, 2\})$	10897456103424
12	$\mathcal{O}(5; \{6^3, 4^6, 2^2\})$	3962711310336
12	$\mathcal{O}(5; \{6^4, 3, 2^8\})$	618568980480
12	$\mathcal{O}(5; \{6^4, 3^4, 2^4\})$	5319693232128
12	$\mathcal{O}(5; \{6^4, 3^7\})$	42186404468736

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{6^4, 4^2, 3, 2^5\})$	1238347284480
12	$\mathcal{O}(5; \{6^4, 4^2, 3^4, 2\})$	10649786646528
12	$\mathcal{O}(5; \{6^4, 4^4, 3, 2^2\})$	4953389137920
12	$\mathcal{O}(5; \{6^5, 3^2, 2^5\})$	2597989718016
12	$\mathcal{O}(5; \{6^5, 3^5, 2\})$	21155059132416
12	$\mathcal{O}(5; \{6^5, 4^2, 3^2, 2^2\})$	5201058594816
12	$\mathcal{O}(5; \{6^6, 2^6\})$	1360851757056
12	$\mathcal{O}(5; \{6^6, 3^3, 2^2\})$	10515672668160
12	$\mathcal{O}(5; \{6^6, 4^2, 2^3\})$	2724364025856
12	$\mathcal{O}(5; \{6^6, 4^4\})$	10897456103424
12	$\mathcal{O}(5; \{6^7, 3, 2^3\})$	5319693232128
12	$\mathcal{O}(5; \{6^7, 4^2, 3\})$	10649786646528
12	$\mathcal{O}(5; \{6^8, 3^2\})$	21155059132416
12	$\mathcal{O}(5; \{6^9, 2\})$	10515672668160
12	$\mathcal{O}(5; \{12, 4, 3^2, 2^{10}\})$	247669456896
12	$\mathcal{O}(5; \{12, 4, 3^5, 2^6\})$	2724364025856
12	$\mathcal{O}(5; \{12, 4, 3^8, 2^2\})$	21051903836160
12	$\mathcal{O}(5; \{12, 4^3, 3^2, 2^7\})$	990677827584
12	$\mathcal{O}(5; \{12, 4^3, 3^5, 2^3\})$	10897456103424
12	$\mathcal{O}(5; \{12, 4^5, 3^2, 2^4\})$	3962711310336
12	$\mathcal{O}(5; \{12, 4^5, 3^5\})$	43589824413696
12	$\mathcal{O}(5; \{12, 4^7, 3^2, 2\})$	15850845241344
12	$\mathcal{O}(5; \{12, 6, 4, 2^{11}\})$	247669456896
12	$\mathcal{O}(5; \{12, 6, 4, 3^3, 2^7\})$	1238347284480
12	$\mathcal{O}(5; \{12, 6, 4, 3^6, 2^3\})$	10649786646528
12	$\mathcal{O}(5; \{12, 6, 4^3, 2^8\})$	990677827584
12	$\mathcal{O}(5; \{12, 6, 4^3, 3^3, 2^4\})$	4953389137920
12	$\mathcal{O}(5; \{12, 6, 4^3, 3^6\})$	42599146586112
12	$\mathcal{O}(5; \{12, 6, 4^5, 2^5\})$	3962711310336
12	$\mathcal{O}(5; \{12, 6, 4^5, 3^3, 2\})$	19813556551680
12	$\mathcal{O}(5; \{12, 6, 4^7, 2^2\})$	15850845241344
12	$\mathcal{O}(5; \{12, 6^2, 4, 3, 2^8\})$	743008370688
12	$\mathcal{O}(5; \{12, 6^2, 4, 3^4, 2^4\})$	5201058594816
12	$\mathcal{O}(5; \{12, 6^2, 4, 3^7\})$	42351477129216
12	$\mathcal{O}(5; \{12, 6^2, 4^3, 3, 2^5\})$	2972033482752
12	$\mathcal{O}(5; \{12, 6^2, 4^3, 3^4, 2\})$	20804234379264
12	$\mathcal{O}(5; \{12, 6^2, 4^5, 3, 2^2\})$	11888133931008
12	$\mathcal{O}(5; \{12, 6^3, 4, 3^2, 2^5\})$	2724364025856
12	$\mathcal{O}(5; \{12, 6^3, 4, 3^5, 2\})$	21051903836160
12	$\mathcal{O}(5; \{12, 6^3, 4^3, 3^2, 2^2\})$	10897456103424
12	$\mathcal{O}(5; \{12, 6^4, 4, 2^6\})$	1238347284480
12	$\mathcal{O}(5; \{12, 6^4, 4, 3^3, 2^2\})$	10649786646528
12	$\mathcal{O}(5; \{12, 6^4, 4^3, 2^3\})$	4953389137920

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{12, 6^4, 4^5\})$	19813556551680
12	$\mathcal{O}(5; \{12, 6^5, 4, 3, 2^3\})$	5201058594816
12	$\mathcal{O}(5; \{12, 6^5, 4^3, 3\})$	20804234379264
12	$\mathcal{O}(5; \{12, 6^6, 4, 3^2\})$	21051903836160
12	$\mathcal{O}(5; \{12, 6^7, 4, 2\})$	10649786646528
12	$\mathcal{O}(5; \{12^2, 3, 2^{11}\})$	247669456896
12	$\mathcal{O}(5; \{12^2, 3^4, 2^7\})$	2724364025856
12	$\mathcal{O}(5; \{12^2, 3^7, 2^3\})$	21051903836160
12	$\mathcal{O}(5; \{12^2, 4^2, 3, 2^8\})$	990677827584
12	$\mathcal{O}(5; \{12^2, 4^2, 3^4, 2^4\})$	10897456103424
12	$\mathcal{O}(5; \{12^2, 4^2, 3^7\})$	84207615344640
12	$\mathcal{O}(5; \{12^2, 4^4, 3, 2^5\})$	3962711310336
12	$\mathcal{O}(5; \{12^2, 4^4, 3^4, 2\})$	43589824413696
12	$\mathcal{O}(5; \{12^2, 4^6, 3, 2^2\})$	15850845241344
12	$\mathcal{O}(5; \{12^2, 6, 3^2, 2^8\})$	1238347284480
12	$\mathcal{O}(5; \{12^2, 6, 3^5, 2^4\})$	10649786646528
12	$\mathcal{O}(5; \{12^2, 6, 3^8\})$	84455284801536
12	$\mathcal{O}(5; \{12^2, 6, 4^2, 3^2, 2^5\})$	4953389137920
12	$\mathcal{O}(5; \{12^2, 6, 4^2, 3^5, 2\})$	42599146586112
12	$\mathcal{O}(5; \{12^2, 6, 4^4, 3^2, 2^2\})$	19813556551680
12	$\mathcal{O}(5; \{12^2, 6^2, 2^9\})$	743008370688
12	$\mathcal{O}(5; \{12^2, 6^2, 3^3, 2^5\})$	5201058594816
12	$\mathcal{O}(5; \{12^2, 6^2, 3^6, 2\})$	42351477129216
12	$\mathcal{O}(5; \{12^2, 6^2, 4^2, 2^6\})$	2972033482752
12	$\mathcal{O}(5; \{12^2, 6^2, 4^2, 3^3, 2^2\})$	20804234379264
12	$\mathcal{O}(5; \{12^2, 6^2, 4^4, 2^3\})$	11888133931008
12	$\mathcal{O}(5; \{12^2, 6^2, 4^6\})$	47552535724032
12	$\mathcal{O}(5; \{12^2, 6^3, 3, 2^6\})$	2724364025856
12	$\mathcal{O}(5; \{12^2, 6^3, 3^4, 2^2\})$	21051903836160
12	$\mathcal{O}(5; \{12^2, 6^3, 4^2, 3, 2^3\})$	10897456103424
12	$\mathcal{O}(5; \{12^2, 6^3, 4^4, 3\})$	43589824413696
12	$\mathcal{O}(5; \{12^2, 6^4, 3^2, 2^3\})$	10649786646528
12	$\mathcal{O}(5; \{12^2, 6^4, 4^2, 3^2\})$	42599146586112
12	$\mathcal{O}(5; \{12^2, 6^5, 2^4\})$	5201058594816
12	$\mathcal{O}(5; \{12^2, 6^5, 3^3\})$	42351477129216
12	$\mathcal{O}(5; \{12^2, 6^5, 4^2, 2\})$	20804234379264
12	$\mathcal{O}(5; \{12^2, 6^6, 3, 2\})$	21051903836160
12	$\mathcal{O}(5; \{12^3, 4, 2^9\})$	990677827584
12	$\mathcal{O}(5; \{12^3, 4, 3^3, 2^5\})$	10897456103424
12	$\mathcal{O}(5; \{12^3, 4, 3^6, 2\})$	84207615344640
12	$\mathcal{O}(5; \{12^3, 4^3, 2^6\})$	3962711310336
12	$\mathcal{O}(5; \{12^3, 4^3, 3^3, 2^2\})$	43589824413696
12	$\mathcal{O}(5; \{12^3, 4^5, 2^3\})$	15850845241344

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{12^3, 4^7\})$	63403380965376
12	$\mathcal{O}(5; \{12^3, 6, 4, 3, 2^6\})$	4953389137920
12	$\mathcal{O}(5; \{12^3, 6, 4, 3^4, 2^2\})$	42599146586112
12	$\mathcal{O}(5; \{12^3, 6, 4^3, 3, 2^3\})$	19813556551680
12	$\mathcal{O}(5; \{12^3, 6, 4^5, 3\})$	79254226206720
12	$\mathcal{O}(5; \{12^3, 6^2, 4, 3^2, 2^3\})$	20804234379264
12	$\mathcal{O}(5; \{12^3, 6^2, 4^3, 3^2\})$	83216937517056
12	$\mathcal{O}(5; \{12^3, 6^3, 4, 2^4\})$	10897456103424
12	$\mathcal{O}(5; \{12^3, 6^3, 4, 3^3\})$	84207615344640
12	$\mathcal{O}(5; \{12^3, 6^3, 4^3, 2\})$	43589824413696
12	$\mathcal{O}(5; \{12^3, 6^4, 4, 3, 2\})$	42599146586112
12	$\mathcal{O}(5; \{12^4, 3^2, 2^6\})$	10897456103424
12	$\mathcal{O}(5; \{12^4, 3^5, 2^2\})$	84207615344640
12	$\mathcal{O}(5; \{12^4, 4^2, 3^2, 2^3\})$	43589824413696
12	$\mathcal{O}(5; \{12^4, 4^4, 3^2\})$	174359297654784
12	$\mathcal{O}(5; \{12^4, 6, 2^7\})$	4953389137920
12	$\mathcal{O}(5; \{12^4, 6, 3^3, 2^3\})$	42599146586112
12	$\mathcal{O}(5; \{12^4, 6, 4^2, 2^4\})$	19813556551680
12	$\mathcal{O}(5; \{12^4, 6, 4^2, 3^3\})$	170396586344448
12	$\mathcal{O}(5; \{12^4, 6, 4^4, 2\})$	79254226206720
12	$\mathcal{O}(5; \{12^4, 6^2, 3, 2^4\})$	20804234379264
12	$\mathcal{O}(5; \{12^4, 6^2, 3^4\})$	169405908516864
12	$\mathcal{O}(5; \{12^4, 6^2, 4^2, 3, 2\})$	83216937517056
12	$\mathcal{O}(5; \{12^4, 6^3, 3^2, 2\})$	84207615344640
12	$\mathcal{O}(5; \{12^4, 6^4, 2^2\})$	42599146586112
12	$\mathcal{O}(5; \{12^5, 4, 3, 2^4\})$	43589824413696
12	$\mathcal{O}(5; \{12^5, 4, 3^4\})$	336830461378560
12	$\mathcal{O}(5; \{12^5, 4^3, 3, 2\})$	174359297654784
12	$\mathcal{O}(5; \{12^5, 6, 4, 3^2, 2\})$	170396586344448
12	$\mathcal{O}(5; \{12^5, 6^2, 4, 2^2\})$	83216937517056
12	$\mathcal{O}(5; \{12^6, 2^5\})$	43589824413696
12	$\mathcal{O}(5; \{12^6, 3^3, 2\})$	336830461378560
12	$\mathcal{O}(5; \{12^6, 4^2, 2^2\})$	174359297654784
12	$\mathcal{O}(5; \{12^6, 6, 3, 2^2\})$	170396586344448
12	$\mathcal{O}(5; \{12^6, 6^3\})$	336830461378560
12	$\mathcal{O}(5; \{12^7, 6, 4\})$	681586345377792
12	$\mathcal{O}(5; \{12^8, 3\})$	1347321845514240
12	$\mathcal{O}(4; \{2^{20}\})$	428236800
12	$\mathcal{O}(4; \{3^3, 2^{16}\})$	856604160
12	$\mathcal{O}(4; \{3^6, 2^{12}\})$	9422645760
12	$\mathcal{O}(4; \{3^9, 2^8\})$	72811353600
12	$\mathcal{O}(4; \{3^{12}, 2^4\})$	585060641280
12	$\mathcal{O}(4; \{3^{15}\})$	4677915317760

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{4^2, 2^{17}\})$	859832320
12	$\mathcal{O}(4; \{4^2, 3^3, 2^{13}\})$	1719926784
12	$\mathcal{O}(4; \{4^2, 3^6, 2^9\})$	18919194624
12	$\mathcal{O}(4; \{4^2, 3^9, 2^5\})$	146193776640
12	$\mathcal{O}(4; \{4^2, 3^{12}, 2\})$	1174709993472
12	$\mathcal{O}(4; \{4^4, 2^{14}\})$	3439329280
12	$\mathcal{O}(4; \{4^4, 3^3, 2^{10}\})$	6879707136
12	$\mathcal{O}(4; \{4^4, 3^6, 2^6\})$	75676778496
12	$\mathcal{O}(4; \{4^4, 3^9, 2^2\})$	584775106560
12	$\mathcal{O}(4; \{4^6, 2^{11}\})$	13757317120
12	$\mathcal{O}(4; \{4^6, 3^3, 2^7\})$	27518828544
12	$\mathcal{O}(4; \{4^6, 3^6, 2^3\})$	302707113984
12	$\mathcal{O}(4; \{4^8, 2^8\})$	55029268480
12	$\mathcal{O}(4; \{4^8, 3^3, 2^4\})$	110075314176
12	$\mathcal{O}(4; \{4^8, 3^6\})$	1210828455936
12	$\mathcal{O}(4; \{4^{10}, 2^5\})$	220117073920
12	$\mathcal{O}(4; \{4^{10}, 3^3, 2\})$	440301256704
12	$\mathcal{O}(4; \{4^{12}, 2^2\})$	880468295680
12	$\mathcal{O}(4; \{6, 3, 2^{17}\})$	856604160
12	$\mathcal{O}(4; \{6, 3^4, 2^{13}\})$	4283020800
12	$\mathcal{O}(4; \{6, 3^7, 2^9\})$	36833978880
12	$\mathcal{O}(4; \{6, 3^{10}, 2^5\})$	292102018560
12	$\mathcal{O}(4; \{6, 3^{13}, 2\})$	2339385960960
12	$\mathcal{O}(4; \{6, 4^2, 3, 2^{14}\})$	1719926784
12	$\mathcal{O}(4; \{6, 4^2, 3^4, 2^{10}\})$	8599633920
12	$\mathcal{O}(4; \{6, 4^2, 3^7, 2^6\})$	73956851712
12	$\mathcal{O}(4; \{6, 4^2, 3^{10}, 2^2\})$	586495033344
12	$\mathcal{O}(4; \{6, 4^4, 3, 2^{11}\})$	6879707136
12	$\mathcal{O}(4; \{6, 4^4, 3^4, 2^7\})$	34398535680
12	$\mathcal{O}(4; \{6, 4^4, 3^7, 2^3\})$	295827406848
12	$\mathcal{O}(4; \{6, 4^6, 3, 2^8\})$	27518828544
12	$\mathcal{O}(4; \{6, 4^6, 3^4, 2^4\})$	137594142720
12	$\mathcal{O}(4; \{6, 4^6, 3^7\})$	1183309627392
12	$\mathcal{O}(4; \{6, 4^8, 3, 2^5\})$	110075314176
12	$\mathcal{O}(4; \{6, 4^8, 3^4, 2\})$	550376570880
12	$\mathcal{O}(4; \{6, 4^{10}, 3, 2^2\})$	440301256704
12	$\mathcal{O}(4; \{6^2, 3^2, 2^{14}\})$	2569812480
12	$\mathcal{O}(4; \{6^2, 3^5, 2^{10}\})$	17988687360
12	$\mathcal{O}(4; \{6^2, 3^8, 2^6\})$	146479311360
12	$\mathcal{O}(4; \{6^2, 3^{11}, 2^2\})$	1169264678400
12	$\mathcal{O}(4; \{6^2, 4^2, 3^2, 2^{11}\})$	5159780352
12	$\mathcal{O}(4; \{6^2, 4^2, 3^5, 2^7\})$	36118462464
12	$\mathcal{O}(4; \{6^2, 4^2, 3^8, 2^3\})$	294107480064

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{6^2, 4^4, 3^2, 2^8\})$	20639121408
12	$\mathcal{O}(4; \{6^2, 4^4, 3^5, 2^4\})$	144473849856
12	$\mathcal{O}(4; \{6^2, 4^4, 3^8\})$	1176429920256
12	$\mathcal{O}(4; \{6^2, 4^6, 3^2, 2^5\})$	82556485632
12	$\mathcal{O}(4; \{6^2, 4^6, 3^5, 2\})$	577895399424
12	$\mathcal{O}(4; \{6^2, 4^8, 3^2, 2^2\})$	330225942528
12	$\mathcal{O}(4; \{6^3, 2^{15}\})$	856604160
12	$\mathcal{O}(4; \{6^3, 3^3, 2^{11}\})$	9422645760
12	$\mathcal{O}(4; \{6^3, 3^6, 2^7\})$	72811353600
12	$\mathcal{O}(4; \{6^3, 3^9, 2^3\})$	585060641280
12	$\mathcal{O}(4; \{6^3, 4^2, 2^{12}\})$	1719926784
12	$\mathcal{O}(4; \{6^3, 4^2, 3^3, 2^8\})$	18919194624
12	$\mathcal{O}(4; \{6^3, 4^2, 3^6, 2^4\})$	146193776640
12	$\mathcal{O}(4; \{6^3, 4^2, 3^9\})$	1174709993472
12	$\mathcal{O}(4; \{6^3, 4^4, 2^9\})$	6879707136
12	$\mathcal{O}(4; \{6^3, 4^4, 3^3, 2^5\})$	75676778496
12	$\mathcal{O}(4; \{6^3, 4^4, 3^6, 2\})$	584775106560
12	$\mathcal{O}(4; \{6^3, 4^6, 2^6\})$	27518828544
12	$\mathcal{O}(4; \{6^3, 4^6, 3^3, 2^2\})$	302707113984
12	$\mathcal{O}(4; \{6^3, 4^8, 2^3\})$	110075314176
12	$\mathcal{O}(4; \{6^3, 4^{10}\})$	440301256704
12	$\mathcal{O}(4; \{6^4, 3, 2^{12}\})$	4283020800
12	$\mathcal{O}(4; \{6^4, 3^4, 2^8\})$	36833978880
12	$\mathcal{O}(4; \{6^4, 3^7, 2^4\})$	292102018560
12	$\mathcal{O}(4; \{6^4, 3^{10}\})$	2339385960960
12	$\mathcal{O}(4; \{6^4, 4^2, 3, 2^9\})$	8599633920
12	$\mathcal{O}(4; \{6^4, 4^2, 3^4, 2^5\})$	73956851712
12	$\mathcal{O}(4; \{6^4, 4^2, 3^7, 2\})$	586495033344
12	$\mathcal{O}(4; \{6^4, 4^4, 3, 2^6\})$	34398535680
12	$\mathcal{O}(4; \{6^4, 4^4, 3^4, 2^2\})$	295827406848
12	$\mathcal{O}(4; \{6^4, 4^6, 3, 2^3\})$	137594142720
12	$\mathcal{O}(4; \{6^4, 4^8, 3\})$	550376570880
12	$\mathcal{O}(4; \{6^5, 3^2, 2^9\})$	17988687360
12	$\mathcal{O}(4; \{6^5, 3^5, 2^5\})$	146479311360
12	$\mathcal{O}(4; \{6^5, 3^8, 2\})$	1169264678400
12	$\mathcal{O}(4; \{6^5, 4^2, 3^2, 2^6\})$	36118462464
12	$\mathcal{O}(4; \{6^5, 4^2, 3^5, 2^2\})$	294107480064
12	$\mathcal{O}(4; \{6^5, 4^4, 3^2, 2^3\})$	144473849856
12	$\mathcal{O}(4; \{6^5, 4^6, 3^2\})$	577895399424
12	$\mathcal{O}(4; \{6^6, 2^{10}\})$	9422645760
12	$\mathcal{O}(4; \{6^6, 3^3, 2^6\})$	72811353600
12	$\mathcal{O}(4; \{6^6, 3^6, 2^2\})$	585060641280
12	$\mathcal{O}(4; \{6^6, 4^2, 2^7\})$	18919194624

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{6^6, 4^2, 3^3, 2^3\})$	146193776640
12	$\mathcal{O}(4; \{6^6, 4^4, 2^4\})$	75676778496
12	$\mathcal{O}(4; \{6^6, 4^4, 3^3\})$	584775106560
12	$\mathcal{O}(4; \{6^6, 4^6, 2\})$	302707113984
12	$\mathcal{O}(4; \{6^7, 3, 2^7\})$	36833978880
12	$\mathcal{O}(4; \{6^7, 3^4, 2^3\})$	292102018560
12	$\mathcal{O}(4; \{6^7, 4^2, 3, 2^4\})$	73956851712
12	$\mathcal{O}(4; \{6^7, 4^2, 3^4\})$	586495033344
12	$\mathcal{O}(4; \{6^7, 4^4, 3, 2\})$	295827406848
12	$\mathcal{O}(4; \{6^8, 3^2, 2^4\})$	146479311360
12	$\mathcal{O}(4; \{6^8, 3^5\})$	1169264678400
12	$\mathcal{O}(4; \{6^8, 4^2, 3^2, 2\})$	294107480064
12	$\mathcal{O}(4; \{6^9, 2^5\})$	72811353600
12	$\mathcal{O}(4; \{6^9, 3^3, 2\})$	585060641280
12	$\mathcal{O}(4; \{6^9, 4^2, 2^2\})$	146193776640
12	$\mathcal{O}(4; \{6^{10}, 3, 2^2\})$	292102018560
12	$\mathcal{O}(4; \{6^{12}\})$	585060641280
12	$\mathcal{O}(4; \{12, 4, 3^2, 2^{14}\})$	1719926784
12	$\mathcal{O}(4; \{12, 4, 3^5, 2^{10}\})$	18919194624
12	$\mathcal{O}(4; \{12, 4, 3^8, 2^6\})$	146193776640
12	$\mathcal{O}(4; \{12, 4, 3^{11}, 2^2\})$	1174709993472
12	$\mathcal{O}(4; \{12, 4^3, 3^2, 2^{11}\})$	6879707136
12	$\mathcal{O}(4; \{12, 4^3, 3^5, 2^7\})$	75676778496
12	$\mathcal{O}(4; \{12, 4^3, 3^8, 2^3\})$	584775106560
12	$\mathcal{O}(4; \{12, 4^5, 3^2, 2^8\})$	27518828544
12	$\mathcal{O}(4; \{12, 4^5, 3^5, 2^4\})$	302707113984
12	$\mathcal{O}(4; \{12, 4^5, 3^8\})$	2339100426240
12	$\mathcal{O}(4; \{12, 4^7, 3^2, 2^5\})$	110075314176
12	$\mathcal{O}(4; \{12, 4^7, 3^5, 2\})$	1210828455936
12	$\mathcal{O}(4; \{12, 4^9, 3^2, 2^2\})$	440301256704
12	$\mathcal{O}(4; \{12, 6, 4, 2^{15}\})$	1719926784
12	$\mathcal{O}(4; \{12, 6, 4, 3^3, 2^{11}\})$	8599633920
12	$\mathcal{O}(4; \{12, 6, 4, 3^6, 2^7\})$	73956851712
12	$\mathcal{O}(4; \{12, 6, 4, 3^9, 2^3\})$	586495033344
12	$\mathcal{O}(4; \{12, 6, 4^3, 2^{12}\})$	6879707136
12	$\mathcal{O}(4; \{12, 6, 4^3, 3^3, 2^8\})$	34398535680
12	$\mathcal{O}(4; \{12, 6, 4^3, 3^6, 2^4\})$	295827406848
12	$\mathcal{O}(4; \{12, 6, 4^3, 3^9\})$	2345980133376
12	$\mathcal{O}(4; \{12, 6, 4^5, 2^9\})$	27518828544
12	$\mathcal{O}(4; \{12, 6, 4^5, 3^3, 2^5\})$	137594142720
12	$\mathcal{O}(4; \{12, 6, 4^5, 3^6, 2\})$	1183309627392
12	$\mathcal{O}(4; \{12, 6, 4^7, 2^6\})$	110075314176
12	$\mathcal{O}(4; \{12, 6, 4^7, 3^3, 2^2\})$	550376570880

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12, 6, 4^9, 2^3\})$	440301256704
12	$\mathcal{O}(4; \{12, 6, 4^{11}\})$	1761205026816
12	$\mathcal{O}(4; \{12, 6^2, 4, 3, 2^{12}\})$	5159780352
12	$\mathcal{O}(4; \{12, 6^2, 4, 3^4, 2^8\})$	36118462464
12	$\mathcal{O}(4; \{12, 6^2, 4, 3^7, 2^4\})$	294107480064
12	$\mathcal{O}(4; \{12, 6^2, 4, 3^{10}\})$	2347700060160
12	$\mathcal{O}(4; \{12, 6^2, 4^3, 3, 2^9\})$	20639121408
12	$\mathcal{O}(4; \{12, 6^2, 4^3, 3^4, 2^5\})$	144473849856
12	$\mathcal{O}(4; \{12, 6^2, 4^3, 3^7, 2\})$	1176429920256
12	$\mathcal{O}(4; \{12, 6^2, 4^5, 3, 2^6\})$	82556485632
12	$\mathcal{O}(4; \{12, 6^2, 4^5, 3^4, 2^2\})$	577895399424
12	$\mathcal{O}(4; \{12, 6^2, 4^7, 3, 2^3\})$	330225942528
12	$\mathcal{O}(4; \{12, 6^2, 4^9, 3\})$	1320903770112
12	$\mathcal{O}(4; \{12, 6^3, 4, 3^2, 2^9\})$	18919194624
12	$\mathcal{O}(4; \{12, 6^3, 4, 3^5, 2^5\})$	146193776640
12	$\mathcal{O}(4; \{12, 6^3, 4, 3^8, 2\})$	1174709993472
12	$\mathcal{O}(4; \{12, 6^3, 4^3, 3^2, 2^6\})$	75676778496
12	$\mathcal{O}(4; \{12, 6^3, 4^3, 3^5, 2^2\})$	584775106560
12	$\mathcal{O}(4; \{12, 6^3, 4^5, 3^2, 2^3\})$	302707113984
12	$\mathcal{O}(4; \{12, 6^3, 4^7, 3^2\})$	1210828455936
12	$\mathcal{O}(4; \{12, 6^4, 4, 2^{10}\})$	8599633920
12	$\mathcal{O}(4; \{12, 6^4, 4, 3^3, 2^6\})$	73956851712
12	$\mathcal{O}(4; \{12, 6^4, 4, 3^6, 2^2\})$	586495033344
12	$\mathcal{O}(4; \{12, 6^4, 4^3, 2^7\})$	34398535680
12	$\mathcal{O}(4; \{12, 6^4, 4^3, 3^3, 2^3\})$	295827406848
12	$\mathcal{O}(4; \{12, 6^4, 4^5, 2^4\})$	137594142720
12	$\mathcal{O}(4; \{12, 6^4, 4^5, 3^3\})$	1183309627392
12	$\mathcal{O}(4; \{12, 6^4, 4^7, 2\})$	550376570880
12	$\mathcal{O}(4; \{12, 6^5, 4, 3, 2^7\})$	36118462464
12	$\mathcal{O}(4; \{12, 6^5, 4, 3^4, 2^3\})$	294107480064
12	$\mathcal{O}(4; \{12, 6^5, 4^3, 3, 2^4\})$	144473849856
12	$\mathcal{O}(4; \{12, 6^5, 4^3, 3^4\})$	1176429920256
12	$\mathcal{O}(4; \{12, 6^5, 4^5, 3, 2\})$	577895399424
12	$\mathcal{O}(4; \{12, 6^6, 4, 3^2, 2^4\})$	146193776640
12	$\mathcal{O}(4; \{12, 6^6, 4, 3^5\})$	1174709993472
12	$\mathcal{O}(4; \{12, 6^6, 4^3, 3^2, 2\})$	584775106560
12	$\mathcal{O}(4; \{12, 6^7, 4, 2^5\})$	73956851712
12	$\mathcal{O}(4; \{12, 6^7, 4, 3^3, 2\})$	586495033344
12	$\mathcal{O}(4; \{12, 6^7, 4^3, 2^2\})$	295827406848
12	$\mathcal{O}(4; \{12, 6^8, 4, 3, 2^2\})$	294107480064
12	$\mathcal{O}(4; \{12, 6^{10}, 4\})$	586495033344
12	$\mathcal{O}(4; \{12^2, 3, 2^{15}\})$	1719926784
12	$\mathcal{O}(4; \{12^2, 3^4, 2^{11}\})$	18919194624

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^2, 3^7, 2^7\})$	146193776640
12	$\mathcal{O}(4; \{12^2, 3^{10}, 2^3\})$	1174709993472
12	$\mathcal{O}(4; \{12^2, 4^2, 3, 2^{12}\})$	6879707136
12	$\mathcal{O}(4; \{12^2, 4^2, 3^4, 2^8\})$	75676778496
12	$\mathcal{O}(4; \{12^2, 4^2, 3^7, 2^4\})$	584775106560
12	$\mathcal{O}(4; \{12^2, 4^2, 3^{10}\})$	4698839973888
12	$\mathcal{O}(4; \{12^2, 4^4, 3, 2^9\})$	27518828544
12	$\mathcal{O}(4; \{12^2, 4^4, 3^4, 2^5\})$	302707113984
12	$\mathcal{O}(4; \{12^2, 4^4, 3^7, 2\})$	2339100426240
12	$\mathcal{O}(4; \{12^2, 4^6, 3, 2^6\})$	110075314176
12	$\mathcal{O}(4; \{12^2, 4^6, 3^4, 2^2\})$	1210828455936
12	$\mathcal{O}(4; \{12^2, 4^8, 3, 2^3\})$	440301256704
12	$\mathcal{O}(4; \{12^2, 4^{10}, 3\})$	1761205026816
12	$\mathcal{O}(4; \{12^2, 6, 3^2, 2^{12}\})$	8599633920
12	$\mathcal{O}(4; \{12^2, 6, 3^5, 2^8\})$	73956851712
12	$\mathcal{O}(4; \{12^2, 6, 3^8, 2^4\})$	586495033344
12	$\mathcal{O}(4; \{12^2, 6, 3^{11}\})$	4697120047104
12	$\mathcal{O}(4; \{12^2, 6, 4^2, 3^2, 2^9\})$	34398535680
12	$\mathcal{O}(4; \{12^2, 6, 4^2, 3^5, 2^5\})$	295827406848
12	$\mathcal{O}(4; \{12^2, 6, 4^2, 3^8, 2\})$	2345980133376
12	$\mathcal{O}(4; \{12^2, 6, 4^4, 3^2, 2^6\})$	137594142720
12	$\mathcal{O}(4; \{12^2, 6, 4^4, 3^5, 2^2\})$	1183309627392
12	$\mathcal{O}(4; \{12^2, 6, 4^6, 3^2, 2^3\})$	550376570880
12	$\mathcal{O}(4; \{12^2, 6, 4^8, 3^2\})$	2201506283520
12	$\mathcal{O}(4; \{12^2, 6^2, 2^{13}\})$	5159780352
12	$\mathcal{O}(4; \{12^2, 6^2, 3^3, 2^9\})$	36118462464
12	$\mathcal{O}(4; \{12^2, 6^2, 3^6, 2^5\})$	294107480064
12	$\mathcal{O}(4; \{12^2, 6^2, 3^9, 2\})$	2347700060160
12	$\mathcal{O}(4; \{12^2, 6^2, 4^2, 2^{10}\})$	20639121408
12	$\mathcal{O}(4; \{12^2, 6^2, 4^2, 3^3, 2^6\})$	144473849856
12	$\mathcal{O}(4; \{12^2, 6^2, 4^2, 3^6, 2^2\})$	1176429920256
12	$\mathcal{O}(4; \{12^2, 6^2, 4^4, 2^7\})$	82556485632
12	$\mathcal{O}(4; \{12^2, 6^2, 4^4, 3^3, 2^3\})$	577895399424
12	$\mathcal{O}(4; \{12^2, 6^2, 4^6, 2^4\})$	330225942528
12	$\mathcal{O}(4; \{12^2, 6^2, 4^6, 3^3\})$	2311581597696
12	$\mathcal{O}(4; \{12^2, 6^2, 4^8, 2\})$	1320903770112
12	$\mathcal{O}(4; \{12^2, 6^3, 3, 2^{10}\})$	18919194624
12	$\mathcal{O}(4; \{12^2, 6^3, 3^4, 2^6\})$	146193776640
12	$\mathcal{O}(4; \{12^2, 6^3, 3^7, 2^2\})$	1174709993472
12	$\mathcal{O}(4; \{12^2, 6^3, 4^2, 3, 2^7\})$	75676778496
12	$\mathcal{O}(4; \{12^2, 6^3, 4^2, 3^4, 2^3\})$	584775106560
12	$\mathcal{O}(4; \{12^2, 6^3, 4^4, 3, 2^4\})$	302707113984
12	$\mathcal{O}(4; \{12^2, 6^3, 4^4, 3^4\})$	2339100426240

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^2, 6^3, 4^6, 3, 2\})$	1210828455936
12	$\mathcal{O}(4; \{12^2, 6^4, 3^2, 2^7\})$	73956851712
12	$\mathcal{O}(4; \{12^2, 6^4, 3^5, 2^3\})$	586495033344
12	$\mathcal{O}(4; \{12^2, 6^4, 4^2, 3^2, 2^4\})$	295827406848
12	$\mathcal{O}(4; \{12^2, 6^4, 4^2, 3^5\})$	2345980133376
12	$\mathcal{O}(4; \{12^2, 6^4, 4^4, 3^2, 2\})$	1183309627392
12	$\mathcal{O}(4; \{12^2, 6^5, 2^8\})$	36118462464
12	$\mathcal{O}(4; \{12^2, 6^5, 3^3, 2^4\})$	294107480064
12	$\mathcal{O}(4; \{12^2, 6^5, 3^6\})$	2347700060160
12	$\mathcal{O}(4; \{12^2, 6^5, 4^2, 2^5\})$	144473849856
12	$\mathcal{O}(4; \{12^2, 6^5, 4^2, 3^3, 2\})$	1176429920256
12	$\mathcal{O}(4; \{12^2, 6^5, 4^4, 2^2\})$	577895399424
12	$\mathcal{O}(4; \{12^2, 6^6, 3, 2^5\})$	146193776640
12	$\mathcal{O}(4; \{12^2, 6^6, 3^4, 2\})$	1174709993472
12	$\mathcal{O}(4; \{12^2, 6^6, 4^2, 3, 2^2\})$	584775106560
12	$\mathcal{O}(4; \{12^2, 6^7, 3^2, 2^2\})$	586495033344
12	$\mathcal{O}(4; \{12^2, 6^8, 2^3\})$	294107480064
12	$\mathcal{O}(4; \{12^2, 6^8, 4^2\})$	1176429920256
12	$\mathcal{O}(4; \{12^2, 6^9, 3\})$	1174709993472
12	$\mathcal{O}(4; \{12^3, 4, 2^{13}\})$	6879707136
12	$\mathcal{O}(4; \{12^3, 4, 3^3, 2^9\})$	75676778496
12	$\mathcal{O}(4; \{12^3, 4, 3^6, 2^5\})$	584775106560
12	$\mathcal{O}(4; \{12^3, 4, 3^9, 2\})$	4698839973888
12	$\mathcal{O}(4; \{12^3, 4^3, 2^{10}\})$	27518828544
12	$\mathcal{O}(4; \{12^3, 4^3, 3^3, 2^6\})$	302707113984
12	$\mathcal{O}(4; \{12^3, 4^3, 3^6, 2^2\})$	2339100426240
12	$\mathcal{O}(4; \{12^3, 4^5, 2^7\})$	110075314176
12	$\mathcal{O}(4; \{12^3, 4^5, 3^3, 2^3\})$	1210828455936
12	$\mathcal{O}(4; \{12^3, 4^7, 2^4\})$	440301256704
12	$\mathcal{O}(4; \{12^3, 4^7, 3^3\})$	4843313823744
12	$\mathcal{O}(4; \{12^3, 4^9, 2\})$	1761205026816
12	$\mathcal{O}(4; \{12^3, 6, 4, 3, 2^{10}\})$	34398535680
12	$\mathcal{O}(4; \{12^3, 6, 4, 3^4, 2^6\})$	295827406848
12	$\mathcal{O}(4; \{12^3, 6, 4, 3^7, 2^2\})$	2345980133376
12	$\mathcal{O}(4; \{12^3, 6, 4^3, 3, 2^7\})$	137594142720
12	$\mathcal{O}(4; \{12^3, 6, 4^3, 3^4, 2^3\})$	1183309627392
12	$\mathcal{O}(4; \{12^3, 6, 4^5, 3, 2^4\})$	550376570880
12	$\mathcal{O}(4; \{12^3, 6, 4^5, 3^4\})$	4733238509568
12	$\mathcal{O}(4; \{12^3, 6, 4^7, 3, 2\})$	2201506283520
12	$\mathcal{O}(4; \{12^3, 6^2, 4, 3^2, 2^7\})$	144473849856
12	$\mathcal{O}(4; \{12^3, 6^2, 4, 3^5, 2^3\})$	1176429920256
12	$\mathcal{O}(4; \{12^3, 6^2, 4^3, 3^2, 2^4\})$	577895399424
12	$\mathcal{O}(4; \{12^3, 6^2, 4^3, 3^5\})$	4705719681024

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^3, 6^2, 4^5, 3^2, 2\})$	2311581597696
12	$\mathcal{O}(4; \{12^3, 6^3, 4, 2^8\})$	75676778496
12	$\mathcal{O}(4; \{12^3, 6^3, 4, 3^3, 2^4\})$	584775106560
12	$\mathcal{O}(4; \{12^3, 6^3, 4, 3^6\})$	4698839973888
12	$\mathcal{O}(4; \{12^3, 6^3, 4^3, 2^5\})$	302707113984
12	$\mathcal{O}(4; \{12^3, 6^3, 4^3, 3^3, 2\})$	2339100426240
12	$\mathcal{O}(4; \{12^3, 6^3, 4^5, 2^2\})$	1210828455936
12	$\mathcal{O}(4; \{12^3, 6^4, 4, 3, 2^5\})$	295827406848
12	$\mathcal{O}(4; \{12^3, 6^4, 4, 3^4, 2\})$	2345980133376
12	$\mathcal{O}(4; \{12^3, 6^4, 4^3, 3, 2^2\})$	1183309627392
12	$\mathcal{O}(4; \{12^3, 6^5, 4, 3^2, 2^2\})$	1176429920256
12	$\mathcal{O}(4; \{12^3, 6^6, 4, 2^3\})$	584775106560
12	$\mathcal{O}(4; \{12^3, 6^6, 4^3\})$	2339100426240
12	$\mathcal{O}(4; \{12^3, 6^7, 4, 3\})$	2345980133376
12	$\mathcal{O}(4; \{12^4, 3^2, 2^{10}\})$	75676778496
12	$\mathcal{O}(4; \{12^4, 3^5, 2^6\})$	584775106560
12	$\mathcal{O}(4; \{12^4, 3^8, 2^2\})$	4698839973888
12	$\mathcal{O}(4; \{12^4, 4^2, 3^2, 2^7\})$	302707113984
12	$\mathcal{O}(4; \{12^4, 4^2, 3^5, 2^3\})$	2339100426240
12	$\mathcal{O}(4; \{12^4, 4^4, 3^2, 2^4\})$	1210828455936
12	$\mathcal{O}(4; \{12^4, 4^4, 3^5\})$	9356401704960
12	$\mathcal{O}(4; \{12^4, 4^6, 3^2, 2\})$	4843313823744
12	$\mathcal{O}(4; \{12^4, 6, 2^{11}\})$	34398535680
12	$\mathcal{O}(4; \{12^4, 6, 3^3, 2^7\})$	295827406848
12	$\mathcal{O}(4; \{12^4, 6, 3^6, 2^3\})$	2345980133376
12	$\mathcal{O}(4; \{12^4, 6, 4^2, 2^8\})$	137594142720
12	$\mathcal{O}(4; \{12^4, 6, 4^2, 3^3, 2^4\})$	1183309627392
12	$\mathcal{O}(4; \{12^4, 6, 4^2, 3^6\})$	9383920533504
12	$\mathcal{O}(4; \{12^4, 6, 4^4, 2^5\})$	550376570880
12	$\mathcal{O}(4; \{12^4, 6, 4^4, 3^3, 2\})$	4733238509568
12	$\mathcal{O}(4; \{12^4, 6, 4^6, 2^2\})$	2201506283520
12	$\mathcal{O}(4; \{12^4, 6^2, 3, 2^8\})$	144473849856
12	$\mathcal{O}(4; \{12^4, 6^2, 3^4, 2^4\})$	1176429920256
12	$\mathcal{O}(4; \{12^4, 6^2, 3^7\})$	9390800240640
12	$\mathcal{O}(4; \{12^4, 6^2, 4^2, 3, 2^5\})$	577895399424
12	$\mathcal{O}(4; \{12^4, 6^2, 4^2, 3^4, 2\})$	4705719681024
12	$\mathcal{O}(4; \{12^4, 6^2, 4^4, 3, 2^2\})$	2311581597696
12	$\mathcal{O}(4; \{12^4, 6^3, 3^2, 2^5\})$	584775106560
12	$\mathcal{O}(4; \{12^4, 6^3, 3^5, 2\})$	4698839973888
12	$\mathcal{O}(4; \{12^4, 6^3, 4^2, 3^2, 2^2\})$	2339100426240
12	$\mathcal{O}(4; \{12^4, 6^4, 2^6\})$	295827406848
12	$\mathcal{O}(4; \{12^4, 6^4, 3^3, 2^2\})$	2345980133376
12	$\mathcal{O}(4; \{12^4, 6^4, 4^2, 2^3\})$	1183309627392

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^4, 6^4, 4^4\})$	4733238509568
12	$\mathcal{O}(4; \{12^4, 6^5, 3, 2^3\})$	1176429920256
12	$\mathcal{O}(4; \{12^4, 6^5, 4^2, 3\})$	4705719681024
12	$\mathcal{O}(4; \{12^4, 6^6, 3^2\})$	4698839973888
12	$\mathcal{O}(4; \{12^4, 6^7, 2\})$	2345980133376
12	$\mathcal{O}(4; \{12^5, 4, 3, 2^8\})$	302707113984
12	$\mathcal{O}(4; \{12^5, 4, 3^4, 2^4\})$	2339100426240
12	$\mathcal{O}(4; \{12^5, 4, 3^7\})$	18795359895552
12	$\mathcal{O}(4; \{12^5, 4^3, 3, 2^5\})$	1210828455936
12	$\mathcal{O}(4; \{12^5, 4^3, 3^4, 2\})$	9356401704960
12	$\mathcal{O}(4; \{12^5, 4^5, 3, 2^2\})$	4843313823744
12	$\mathcal{O}(4; \{12^5, 6, 4, 3^2, 2^5\})$	1183309627392
12	$\mathcal{O}(4; \{12^5, 6, 4, 3^5, 2\})$	9383920533504
12	$\mathcal{O}(4; \{12^5, 6, 4^3, 3^2, 2^2\})$	4733238509568
12	$\mathcal{O}(4; \{12^5, 6^2, 4, 2^6\})$	577895399424
12	$\mathcal{O}(4; \{12^5, 6^2, 4, 3^3, 2^2\})$	4705719681024
12	$\mathcal{O}(4; \{12^5, 6^2, 4^3, 2^3\})$	2311581597696
12	$\mathcal{O}(4; \{12^5, 6^2, 4^5\})$	9246326390784
12	$\mathcal{O}(4; \{12^5, 6^3, 4, 3, 2^3\})$	2339100426240
12	$\mathcal{O}(4; \{12^5, 6^3, 4^3, 3\})$	9356401704960
12	$\mathcal{O}(4; \{12^5, 6^4, 4, 3^2\})$	9383920533504
12	$\mathcal{O}(4; \{12^5, 6^5, 4, 2\})$	4705719681024
12	$\mathcal{O}(4; \{12^6, 2^9\})$	302707113984
12	$\mathcal{O}(4; \{12^6, 3^3, 2^5\})$	2339100426240
12	$\mathcal{O}(4; \{12^6, 3^6, 2\})$	18795359895552
12	$\mathcal{O}(4; \{12^6, 4^2, 2^6\})$	1210828455936
12	$\mathcal{O}(4; \{12^6, 4^2, 3^3, 2^2\})$	9356401704960
12	$\mathcal{O}(4; \{12^6, 4^4, 2^3\})$	4843313823744
12	$\mathcal{O}(4; \{12^6, 4^6\})$	19373255294976
12	$\mathcal{O}(4; \{12^6, 6, 3, 2^6\})$	1183309627392
12	$\mathcal{O}(4; \{12^6, 6, 3^4, 2^2\})$	9383920533504
12	$\mathcal{O}(4; \{12^6, 6, 4^2, 3, 2^3\})$	4733238509568
12	$\mathcal{O}(4; \{12^6, 6, 4^4, 3\})$	18932954038272
12	$\mathcal{O}(4; \{12^6, 6^2, 3^2, 2^3\})$	4705719681024
12	$\mathcal{O}(4; \{12^6, 6^2, 4^2, 3^2\})$	18822878724096
12	$\mathcal{O}(4; \{12^6, 6^3, 2^4\})$	2339100426240
12	$\mathcal{O}(4; \{12^6, 6^3, 3^3\})$	18795359895552
12	$\mathcal{O}(4; \{12^6, 6^3, 4^2, 2\})$	9356401704960
12	$\mathcal{O}(4; \{12^6, 6^4, 3, 2\})$	9383920533504
12	$\mathcal{O}(4; \{12^7, 4, 3^2, 2^3\})$	9356401704960
12	$\mathcal{O}(4; \{12^7, 4^3, 3^2\})$	37425606819840
12	$\mathcal{O}(4; \{12^7, 6, 4, 2^4\})$	4733238509568
12	$\mathcal{O}(4; \{12^7, 6, 4, 3^3\})$	37535682134016

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^7, 6, 4^3, 2\})$	18932954038272
12	$\mathcal{O}(4; \{12^7, 6^2, 4, 3, 2\})$	18822878724096
12	$\mathcal{O}(4; \{12^8, 3, 2^4\})$	9356401704960
12	$\mathcal{O}(4; \{12^8, 3^4\})$	75181439582208
12	$\mathcal{O}(4; \{12^8, 4^2, 3, 2\})$	37425606819840
12	$\mathcal{O}(4; \{12^8, 6, 3^2, 2\})$	37535682134016
12	$\mathcal{O}(4; \{12^8, 6^2, 2^2\})$	18822878724096
12	$\mathcal{O}(4; \{12^9, 4, 2^2\})$	37425606819840
12	$\mathcal{O}(4; \{12^{10}, 6\})$	150142728536064
12	$\mathcal{O}(3; \{2^{24}\})$	2935296
12	$\mathcal{O}(3; \{3^3, 2^{20}\})$	5878656
12	$\mathcal{O}(3; \{3^6, 2^{16}\})$	64665216
12	$\mathcal{O}(3; \{3^9, 2^{12}\})$	499685760
12	$\mathcal{O}(3; \{3^{12}, 2^8\})$	4015122048
12	$\mathcal{O}(3; \{3^{15}, 2^4\})$	32103340416
12	$\mathcal{O}(3; \{3^{18}\})$	256844359296
12	$\mathcal{O}(3; \{4^2, 2^{21}\})$	5963776
12	$\mathcal{O}(3; \{4^2, 3^3, 2^{17}\})$	11943936
12	$\mathcal{O}(3; \{4^2, 3^6, 2^{13}\})$	131383296
12	$\mathcal{O}(3; \{4^2, 3^9, 2^9\})$	1015234560
12	$\mathcal{O}(3; \{4^2, 3^{12}, 2^5\})$	8157708288
12	$\mathcal{O}(3; \{4^2, 3^{15}, 2\})$	65225834496
12	$\mathcal{O}(3; \{4^4, 2^{18}\})$	23855104
12	$\mathcal{O}(3; \{4^4, 3^3, 2^{14}\})$	47775744
12	$\mathcal{O}(3; \{4^4, 3^6, 2^{10}\})$	525533184
12	$\mathcal{O}(3; \{4^4, 3^9, 2^6\})$	4060938240
12	$\mathcal{O}(3; \{4^4, 3^{12}, 2^2\})$	32630833152
12	$\mathcal{O}(3; \{4^6, 2^{15}\})$	95420416
12	$\mathcal{O}(3; \{4^6, 3^3, 2^{11}\})$	191102976
12	$\mathcal{O}(3; \{4^6, 3^6, 2^7\})$	2102132736
12	$\mathcal{O}(3; \{4^6, 3^9, 2^3\})$	16243752960
12	$\mathcal{O}(3; \{4^8, 2^{12}\})$	381681664
12	$\mathcal{O}(3; \{4^8, 3^3, 2^8\})$	764411904
12	$\mathcal{O}(3; \{4^8, 3^6, 2^4\})$	8408530944
12	$\mathcal{O}(3; \{4^8, 3^9\})$	64975011840
12	$\mathcal{O}(3; \{4^{10}, 2^9\})$	1526726656
12	$\mathcal{O}(3; \{4^{10}, 3^3, 2^5\})$	3057647616
12	$\mathcal{O}(3; \{4^{10}, 3^6, 2\})$	33634123776
12	$\mathcal{O}(3; \{4^{12}, 2^6\})$	6106906624
12	$\mathcal{O}(3; \{4^{12}, 3^3, 2^2\})$	12230590464
12	$\mathcal{O}(3; \{4^{14}, 2^3\})$	24427626496
12	$\mathcal{O}(3; \{4^{16}\})$	97710505984
12	$\mathcal{O}(3; \{6, 3, 2^{21}\})$	5878656

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{6, 3^4, 2^{17}\})$	29393280
12	$\mathcal{O}(3; \{6, 3^7, 2^{13}\})$	252782208
12	$\mathcal{O}(3; \{6, 3^{10}, 2^9\})$	2004621696
12	$\mathcal{O}(3; \{6, 3^{13}, 2^5\})$	16054609536
12	$\mathcal{O}(3; \{6, 3^{16}, 2\})$	128419240320
12	$\mathcal{O}(3; \{6, 4^2, 3, 2^{18}\})$	11943936
12	$\mathcal{O}(3; \{6, 4^2, 3^4, 2^{14}\})$	59719680
12	$\mathcal{O}(3; \{6, 4^2, 3^7, 2^{10}\})$	513589248
12	$\mathcal{O}(3; \{6, 4^2, 3^{10}, 2^6\})$	4072882176
12	$\mathcal{O}(3; \{6, 4^2, 3^{13}, 2^2\})$	32618889216
12	$\mathcal{O}(3; \{6, 4^4, 3, 2^{15}\})$	47775744
12	$\mathcal{O}(3; \{6, 4^4, 3^4, 2^{11}\})$	238878720
12	$\mathcal{O}(3; \{6, 4^4, 3^7, 2^7\})$	2054356992
12	$\mathcal{O}(3; \{6, 4^4, 3^{10}, 2^3\})$	16291528704
12	$\mathcal{O}(3; \{6, 4^6, 3, 2^{12}\})$	191102976
12	$\mathcal{O}(3; \{6, 4^6, 3^4, 2^8\})$	955514880
12	$\mathcal{O}(3; \{6, 4^6, 3^7, 2^4\})$	8217427968
12	$\mathcal{O}(3; \{6, 4^6, 3^{10}\})$	65166114816
12	$\mathcal{O}(3; \{6, 4^8, 3, 2^9\})$	764411904
12	$\mathcal{O}(3; \{6, 4^8, 3^4, 2^5\})$	3822059520
12	$\mathcal{O}(3; \{6, 4^8, 3^7, 2\})$	32869711872
12	$\mathcal{O}(3; \{6, 4^{10}, 3, 2^6\})$	3057647616
12	$\mathcal{O}(3; \{6, 4^{10}, 3^4, 2^2\})$	15288238080
12	$\mathcal{O}(3; \{6, 4^{12}, 3, 2^3\})$	12230590464
12	$\mathcal{O}(3; \{6, 4^{14}, 3\})$	48922361856
12	$\mathcal{O}(3; \{6^2, 3^2, 2^{18}\})$	17635968
12	$\mathcal{O}(3; \{6^2, 3^5, 2^{14}\})$	123451776
12	$\mathcal{O}(3; \{6^2, 3^8, 2^{10}\})$	1005250176
12	$\mathcal{O}(3; \{6^2, 3^{11}, 2^6\})$	8024365440
12	$\mathcal{O}(3; \{6^2, 3^{14}, 2^2\})$	64212559488
12	$\mathcal{O}(3; \{6^2, 4^2, 3^2, 2^{15}\})$	35831808
12	$\mathcal{O}(3; \{6^2, 4^2, 3^5, 2^{11}\})$	250822656
12	$\mathcal{O}(3; \{6^2, 4^2, 3^8, 2^7\})$	2042413056
12	$\mathcal{O}(3; \{6^2, 4^2, 3^{11}, 2^3\})$	16303472640
12	$\mathcal{O}(3; \{6^2, 4^4, 3^2, 2^{12}\})$	143327232
12	$\mathcal{O}(3; \{6^2, 4^4, 3^5, 2^8\})$	1003290624
12	$\mathcal{O}(3; \{6^2, 4^4, 3^8, 2^4\})$	8169652224
12	$\mathcal{O}(3; \{6^2, 4^4, 3^{11}\})$	65213890560
12	$\mathcal{O}(3; \{6^2, 4^6, 3^2, 2^9\})$	573308928
12	$\mathcal{O}(3; \{6^2, 4^6, 3^5, 2^5\})$	4013162496
12	$\mathcal{O}(3; \{6^2, 4^6, 3^8, 2\})$	32678608896
12	$\mathcal{O}(3; \{6^2, 4^8, 3^2, 2^6\})$	2293235712
12	$\mathcal{O}(3; \{6^2, 4^8, 3^5, 2^2\})$	16052649984

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{6^2, 4^{10}, 3^2, 2^3\})$	9172942848
12	$\mathcal{O}(3; \{6^2, 4^{12}, 3^2\})$	36691771392
12	$\mathcal{O}(3; \{6^3, 2^{19}\})$	5878656
12	$\mathcal{O}(3; \{6^3, 3^3, 2^{15}\})$	64665216
12	$\mathcal{O}(3; \{6^3, 3^6, 2^{11}\})$	499685760
12	$\mathcal{O}(3; \{6^3, 3^9, 2^7\})$	4015122048
12	$\mathcal{O}(3; \{6^3, 3^{12}, 2^3\})$	32103340416
12	$\mathcal{O}(3; \{6^3, 4^2, 2^{16}\})$	11943936
12	$\mathcal{O}(3; \{6^3, 4^2, 3^3, 2^{12}\})$	131383296
12	$\mathcal{O}(3; \{6^3, 4^2, 3^6, 2^8\})$	1015234560
12	$\mathcal{O}(3; \{6^3, 4^2, 3^9, 2^4\})$	8157708288
12	$\mathcal{O}(3; \{6^3, 4^2, 3^{12}\})$	65225834496
12	$\mathcal{O}(3; \{6^3, 4^4, 2^{13}\})$	47775744
12	$\mathcal{O}(3; \{6^3, 4^4, 3^3, 2^9\})$	525533184
12	$\mathcal{O}(3; \{6^3, 4^4, 3^6, 2^5\})$	4060938240
12	$\mathcal{O}(3; \{6^3, 4^4, 3^9, 2\})$	32630833152
12	$\mathcal{O}(3; \{6^3, 4^6, 2^{10}\})$	191102976
12	$\mathcal{O}(3; \{6^3, 4^6, 3^3, 2^6\})$	2102132736
12	$\mathcal{O}(3; \{6^3, 4^6, 3^6, 2^2\})$	16243752960
12	$\mathcal{O}(3; \{6^3, 4^8, 2^7\})$	764411904
12	$\mathcal{O}(3; \{6^3, 4^8, 3^3, 2^3\})$	8408530944
12	$\mathcal{O}(3; \{6^3, 4^{10}, 2^4\})$	3057647616
12	$\mathcal{O}(3; \{6^3, 4^{10}, 3^3\})$	33634123776
12	$\mathcal{O}(3; \{6^3, 4^{12}, 2\})$	12230590464
12	$\mathcal{O}(3; \{6^4, 3, 2^{16}\})$	29393280
12	$\mathcal{O}(3; \{6^4, 3^4, 2^{12}\})$	252782208
12	$\mathcal{O}(3; \{6^4, 3^7, 2^8\})$	2004621696
12	$\mathcal{O}(3; \{6^4, 3^{10}, 2^4\})$	16054609536
12	$\mathcal{O}(3; \{6^4, 3^{13}\})$	128419240320
12	$\mathcal{O}(3; \{6^4, 4^2, 3, 2^{13}\})$	59719680
12	$\mathcal{O}(3; \{6^4, 4^2, 3^4, 2^9\})$	513589248
12	$\mathcal{O}(3; \{6^4, 4^2, 3^7, 2^5\})$	4072882176
12	$\mathcal{O}(3; \{6^4, 4^2, 3^{10}, 2\})$	32618889216
12	$\mathcal{O}(3; \{6^4, 4^4, 3, 2^{10}\})$	238878720
12	$\mathcal{O}(3; \{6^4, 4^4, 3^4, 2^6\})$	2054356992
12	$\mathcal{O}(3; \{6^4, 4^4, 3^7, 2^2\})$	16291528704
12	$\mathcal{O}(3; \{6^4, 4^6, 3, 2^7\})$	955514880
12	$\mathcal{O}(3; \{6^4, 4^6, 3^4, 2^3\})$	8217427968
12	$\mathcal{O}(3; \{6^4, 4^8, 3, 2^4\})$	3822059520
12	$\mathcal{O}(3; \{6^4, 4^8, 3^4\})$	32869711872
12	$\mathcal{O}(3; \{6^4, 4^{10}, 3, 2\})$	15288238080
12	$\mathcal{O}(3; \{6^5, 3^2, 2^{13}\})$	123451776
12	$\mathcal{O}(3; \{6^5, 3^5, 2^9\})$	1005250176

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{6^5, 3^8, 2^5\})$	8024365440
12	$\mathcal{O}(3; \{6^5, 3^{11}, 2\})$	64212559488
12	$\mathcal{O}(3; \{6^5, 4^2, 3^2, 2^{10}\})$	250822656
12	$\mathcal{O}(3; \{6^5, 4^2, 3^5, 2^6\})$	2042413056
12	$\mathcal{O}(3; \{6^5, 4^2, 3^8, 2^2\})$	16303472640
12	$\mathcal{O}(3; \{6^5, 4^4, 3^2, 2^7\})$	1003290624
12	$\mathcal{O}(3; \{6^5, 4^4, 3^5, 2^3\})$	8169652224
12	$\mathcal{O}(3; \{6^5, 4^6, 3^2, 2^4\})$	4013162496
12	$\mathcal{O}(3; \{6^5, 4^6, 3^5\})$	32678608896
12	$\mathcal{O}(3; \{6^5, 4^8, 3^2, 2\})$	16052649984
12	$\mathcal{O}(3; \{6^6, 2^{14}\})$	64665216
12	$\mathcal{O}(3; \{6^6, 3^3, 2^{10}\})$	499685760
12	$\mathcal{O}(3; \{6^6, 3^6, 2^6\})$	4015122048
12	$\mathcal{O}(3; \{6^6, 3^9, 2^2\})$	32103340416
12	$\mathcal{O}(3; \{6^6, 4^2, 2^{11}\})$	131383296
12	$\mathcal{O}(3; \{6^6, 4^2, 3^3, 2^7\})$	1015234560
12	$\mathcal{O}(3; \{6^6, 4^2, 3^6, 2^3\})$	8157708288
12	$\mathcal{O}(3; \{6^6, 4^4, 2^8\})$	525533184
12	$\mathcal{O}(3; \{6^6, 4^4, 3^3, 2^4\})$	4060938240
12	$\mathcal{O}(3; \{6^6, 4^4, 3^6\})$	32630833152
12	$\mathcal{O}(3; \{6^6, 4^6, 2^5\})$	2102132736
12	$\mathcal{O}(3; \{6^6, 4^6, 3^3, 2\})$	16243752960
12	$\mathcal{O}(3; \{6^6, 4^8, 2^2\})$	8408530944
12	$\mathcal{O}(3; \{6^7, 3, 2^{11}\})$	252782208
12	$\mathcal{O}(3; \{6^7, 3^4, 2^7\})$	2004621696
12	$\mathcal{O}(3; \{6^7, 3^7, 2^3\})$	16054609536
12	$\mathcal{O}(3; \{6^7, 4^2, 3, 2^8\})$	513589248
12	$\mathcal{O}(3; \{6^7, 4^2, 3^4, 2^4\})$	4072882176
12	$\mathcal{O}(3; \{6^7, 4^2, 3^7\})$	32618889216
12	$\mathcal{O}(3; \{6^7, 4^4, 3, 2^5\})$	2054356992
12	$\mathcal{O}(3; \{6^7, 4^4, 3^4, 2\})$	16291528704
12	$\mathcal{O}(3; \{6^7, 4^6, 3, 2^2\})$	8217427968
12	$\mathcal{O}(3; \{6^8, 3^2, 2^8\})$	1005250176
12	$\mathcal{O}(3; \{6^8, 3^5, 2^4\})$	8024365440
12	$\mathcal{O}(3; \{6^8, 3^8\})$	64212559488
12	$\mathcal{O}(3; \{6^8, 4^2, 3^2, 2^5\})$	2042413056
12	$\mathcal{O}(3; \{6^8, 4^2, 3^5, 2\})$	16303472640
12	$\mathcal{O}(3; \{6^8, 4^4, 3^2, 2^2\})$	8169652224
12	$\mathcal{O}(3; \{6^9, 2^9\})$	499685760
12	$\mathcal{O}(3; \{6^9, 3^3, 2^5\})$	4015122048
12	$\mathcal{O}(3; \{6^9, 3^6, 2\})$	32103340416
12	$\mathcal{O}(3; \{6^9, 4^2, 2^6\})$	1015234560
12	$\mathcal{O}(3; \{6^9, 4^2, 3^3, 2^2\})$	8157708288

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{6^9, 4^4, 2^3\})$	4060938240
12	$\mathcal{O}(3; \{6^9, 4^6\})$	16243752960
12	$\mathcal{O}(3; \{6^{10}, 3, 2^6\})$	2004621696
12	$\mathcal{O}(3; \{6^{10}, 3^4, 2^2\})$	16054609536
12	$\mathcal{O}(3; \{6^{10}, 4^2, 3, 2^3\})$	4072882176
12	$\mathcal{O}(3; \{6^{10}, 4^4, 3\})$	16291528704
12	$\mathcal{O}(3; \{6^{11}, 3^2, 2^3\})$	8024365440
12	$\mathcal{O}(3; \{6^{11}, 4^2, 3^2\})$	16303472640
12	$\mathcal{O}(3; \{6^{12}, 2^4\})$	4015122048
12	$\mathcal{O}(3; \{6^{12}, 3^3\})$	32103340416
12	$\mathcal{O}(3; \{6^{12}, 4^2, 2\})$	8157708288
12	$\mathcal{O}(3; \{6^{13}, 3, 2\})$	16054609536
12	$\mathcal{O}(3; \{12, 4, 3^2, 2^{18}\})$	11943936
12	$\mathcal{O}(3; \{12, 4, 3^5, 2^{14}\})$	131383296
12	$\mathcal{O}(3; \{12, 4, 3^8, 2^{10}\})$	1015234560
12	$\mathcal{O}(3; \{12, 4, 3^{11}, 2^6\})$	8157708288
12	$\mathcal{O}(3; \{12, 4, 3^{14}, 2^2\})$	65225834496
12	$\mathcal{O}(3; \{12, 4^3, 3^2, 2^{15}\})$	47775744
12	$\mathcal{O}(3; \{12, 4^3, 3^5, 2^{11}\})$	525533184
12	$\mathcal{O}(3; \{12, 4^3, 3^8, 2^7\})$	4060938240
12	$\mathcal{O}(3; \{12, 4^3, 3^{11}, 2^3\})$	32630833152
12	$\mathcal{O}(3; \{12, 4^5, 3^2, 2^{12}\})$	191102976
12	$\mathcal{O}(3; \{12, 4^5, 3^5, 2^8\})$	2102132736
12	$\mathcal{O}(3; \{12, 4^5, 3^8, 2^4\})$	16243752960
12	$\mathcal{O}(3; \{12, 4^5, 3^{11}\})$	130523332608
12	$\mathcal{O}(3; \{12, 4^7, 3^2, 2^9\})$	764411904
12	$\mathcal{O}(3; \{12, 4^7, 3^5, 2^5\})$	8408530944
12	$\mathcal{O}(3; \{12, 4^7, 3^8, 2\})$	64975011840
12	$\mathcal{O}(3; \{12, 4^9, 3^2, 2^6\})$	3057647616
12	$\mathcal{O}(3; \{12, 4^9, 3^5, 2^2\})$	33634123776
12	$\mathcal{O}(3; \{12, 4^{11}, 3^2, 2^3\})$	12230590464
12	$\mathcal{O}(3; \{12, 4^{13}, 3^2\})$	48922361856
12	$\mathcal{O}(3; \{12, 6, 4, 2^{19}\})$	11943936
12	$\mathcal{O}(3; \{12, 6, 4, 3^3, 2^{15}\})$	59719680
12	$\mathcal{O}(3; \{12, 6, 4, 3^6, 2^{11}\})$	513589248
12	$\mathcal{O}(3; \{12, 6, 4, 3^9, 2^7\})$	4072882176
12	$\mathcal{O}(3; \{12, 6, 4, 3^{12}, 2^3\})$	32618889216
12	$\mathcal{O}(3; \{12, 6, 4^3, 2^{16}\})$	47775744
12	$\mathcal{O}(3; \{12, 6, 4^3, 3^3, 2^{12}\})$	238878720
12	$\mathcal{O}(3; \{12, 6, 4^3, 3^6, 2^8\})$	2054356992
12	$\mathcal{O}(3; \{12, 6, 4^3, 3^9, 2^4\})$	16291528704
12	$\mathcal{O}(3; \{12, 6, 4^3, 3^{12}\})$	130475556864
12	$\mathcal{O}(3; \{12, 6, 4^5, 2^{13}\})$	191102976

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12, 6, 4^5, 3^3, 2^9\})$	955514880
12	$\mathcal{O}(3; \{12, 6, 4^5, 3^6, 2^5\})$	8217427968
12	$\mathcal{O}(3; \{12, 6, 4^5, 3^9, 2\})$	65166114816
12	$\mathcal{O}(3; \{12, 6, 4^7, 2^{10}\})$	764411904
12	$\mathcal{O}(3; \{12, 6, 4^7, 3^3, 2^6\})$	3822059520
12	$\mathcal{O}(3; \{12, 6, 4^7, 3^6, 2^2\})$	32869711872
12	$\mathcal{O}(3; \{12, 6, 4^9, 2^7\})$	3057647616
12	$\mathcal{O}(3; \{12, 6, 4^9, 3^3, 2^3\})$	15288238080
12	$\mathcal{O}(3; \{12, 6, 4^{11}, 2^4\})$	12230590464
12	$\mathcal{O}(3; \{12, 6, 4^{11}, 3^3\})$	61152952320
12	$\mathcal{O}(3; \{12, 6, 4^{13}, 2\})$	48922361856
12	$\mathcal{O}(3; \{12, 6^2, 4, 3, 2^{16}\})$	35831808
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^4, 2^{12}\})$	250822656
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^7, 2^8\})$	2042413056
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^{10}, 2^4\})$	16303472640
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^{13}\})$	130463612928
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 3, 2^{13}\})$	143327232
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 3^4, 2^9\})$	1003290624
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 3^7, 2^5\})$	8169652224
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 3^{10}, 2\})$	65213890560
12	$\mathcal{O}(3; \{12, 6^2, 4^5, 3, 2^{10}\})$	573308928
12	$\mathcal{O}(3; \{12, 6^2, 4^5, 3^4, 2^6\})$	4013162496
12	$\mathcal{O}(3; \{12, 6^2, 4^5, 3^7, 2^2\})$	32678608896
12	$\mathcal{O}(3; \{12, 6^2, 4^7, 3, 2^7\})$	2293235712
12	$\mathcal{O}(3; \{12, 6^2, 4^7, 3^4, 2^3\})$	16052649984
12	$\mathcal{O}(3; \{12, 6^2, 4^9, 3, 2^4\})$	9172942848
12	$\mathcal{O}(3; \{12, 6^2, 4^9, 3^4\})$	64210599936
12	$\mathcal{O}(3; \{12, 6^2, 4^{11}, 3, 2\})$	36691771392
12	$\mathcal{O}(3; \{12, 6^3, 4, 3^2, 2^{13}\})$	131383296
12	$\mathcal{O}(3; \{12, 6^3, 4, 3^5, 2^9\})$	1015234560
12	$\mathcal{O}(3; \{12, 6^3, 4, 3^8, 2^5\})$	8157708288
12	$\mathcal{O}(3; \{12, 6^3, 4, 3^{11}, 2\})$	65225834496
12	$\mathcal{O}(3; \{12, 6^3, 4^3, 3^2, 2^{10}\})$	525533184
12	$\mathcal{O}(3; \{12, 6^3, 4^3, 3^5, 2^6\})$	4060938240
12	$\mathcal{O}(3; \{12, 6^3, 4^3, 3^8, 2^2\})$	32630833152
12	$\mathcal{O}(3; \{12, 6^3, 4^5, 3^2, 2^7\})$	2102132736
12	$\mathcal{O}(3; \{12, 6^3, 4^5, 3^5, 2^3\})$	16243752960
12	$\mathcal{O}(3; \{12, 6^3, 4^7, 3^2, 2^4\})$	8408530944
12	$\mathcal{O}(3; \{12, 6^3, 4^7, 3^5\})$	64975011840
12	$\mathcal{O}(3; \{12, 6^3, 4^9, 3^2, 2\})$	33634123776
12	$\mathcal{O}(3; \{12, 6^4, 4, 2^{14}\})$	59719680
12	$\mathcal{O}(3; \{12, 6^4, 4, 3^3, 2^{10}\})$	513589248
12	$\mathcal{O}(3; \{12, 6^4, 4, 3^6, 2^6\})$	4072882176

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12, 6^4, 4, 3^9, 2^2\})$	32618889216
12	$\mathcal{O}(3; \{12, 6^4, 4^3, 2^{11}\})$	238878720
12	$\mathcal{O}(3; \{12, 6^4, 4^3, 3^3, 2^7\})$	2054356992
12	$\mathcal{O}(3; \{12, 6^4, 4^3, 3^6, 2^3\})$	16291528704
12	$\mathcal{O}(3; \{12, 6^4, 4^5, 2^8\})$	955514880
12	$\mathcal{O}(3; \{12, 6^4, 4^5, 3^3, 2^4\})$	8217427968
12	$\mathcal{O}(3; \{12, 6^4, 4^5, 3^6\})$	65166114816
12	$\mathcal{O}(3; \{12, 6^4, 4^7, 2^5\})$	3822059520
12	$\mathcal{O}(3; \{12, 6^4, 4^7, 3^3, 2\})$	32869711872
12	$\mathcal{O}(3; \{12, 6^4, 4^9, 2^2\})$	15288238080
12	$\mathcal{O}(3; \{12, 6^5, 4, 3, 2^{11}\})$	250822656
12	$\mathcal{O}(3; \{12, 6^5, 4, 3^4, 2^7\})$	2042413056
12	$\mathcal{O}(3; \{12, 6^5, 4, 3^7, 2^3\})$	16303472640
12	$\mathcal{O}(3; \{12, 6^5, 4^3, 3, 2^8\})$	1003290624
12	$\mathcal{O}(3; \{12, 6^5, 4^3, 3^4, 2^4\})$	8169652224
12	$\mathcal{O}(3; \{12, 6^5, 4^3, 3^7\})$	65213890560
12	$\mathcal{O}(3; \{12, 6^5, 4^5, 3, 2^5\})$	4013162496
12	$\mathcal{O}(3; \{12, 6^5, 4^5, 3^4, 2\})$	32678608896
12	$\mathcal{O}(3; \{12, 6^5, 4^7, 3, 2^2\})$	16052649984
12	$\mathcal{O}(3; \{12, 6^6, 4, 3^2, 2^8\})$	1015234560
12	$\mathcal{O}(3; \{12, 6^6, 4, 3^5, 2^4\})$	8157708288
12	$\mathcal{O}(3; \{12, 6^6, 4, 3^8\})$	65225834496
12	$\mathcal{O}(3; \{12, 6^6, 4^3, 3^2, 2^5\})$	4060938240
12	$\mathcal{O}(3; \{12, 6^6, 4^3, 3^5, 2\})$	32630833152
12	$\mathcal{O}(3; \{12, 6^6, 4^5, 3^2, 2^2\})$	16243752960
12	$\mathcal{O}(3; \{12, 6^7, 4, 2^9\})$	513589248
12	$\mathcal{O}(3; \{12, 6^7, 4, 3^3, 2^5\})$	4072882176
12	$\mathcal{O}(3; \{12, 6^7, 4, 3^6, 2\})$	32618889216
12	$\mathcal{O}(3; \{12, 6^7, 4^3, 2^6\})$	2054356992
12	$\mathcal{O}(3; \{12, 6^7, 4^3, 3^3, 2^2\})$	16291528704
12	$\mathcal{O}(3; \{12, 6^7, 4^5, 2^3\})$	8217427968
12	$\mathcal{O}(3; \{12, 6^7, 4^7\})$	32869711872
12	$\mathcal{O}(3; \{12, 6^8, 4, 3, 2^6\})$	2042413056
12	$\mathcal{O}(3; \{12, 6^8, 4, 3^4, 2^2\})$	16303472640
12	$\mathcal{O}(3; \{12, 6^8, 4^3, 3, 2^3\})$	8169652224
12	$\mathcal{O}(3; \{12, 6^8, 4^5, 3\})$	32678608896
12	$\mathcal{O}(3; \{12, 6^9, 4, 3^2, 2^3\})$	8157708288
12	$\mathcal{O}(3; \{12, 6^9, 4^3, 3^2\})$	32630833152
12	$\mathcal{O}(3; \{12, 6^{10}, 4, 2^4\})$	4072882176
12	$\mathcal{O}(3; \{12, 6^{10}, 4, 3^3\})$	32618889216
12	$\mathcal{O}(3; \{12, 6^{10}, 4^3, 2\})$	16291528704
12	$\mathcal{O}(3; \{12, 6^{11}, 4, 3, 2\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 3, 2^{19}\})$	11943936

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^2, 3^4, 2^{15}\})$	131383296
12	$\mathcal{O}(3; \{12^2, 3^7, 2^{11}\})$	1015234560
12	$\mathcal{O}(3; \{12^2, 3^{10}, 2^7\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 3^{13}, 2^3\})$	65225834496
12	$\mathcal{O}(3; \{12^2, 4^2, 3, 2^{16}\})$	47775744
12	$\mathcal{O}(3; \{12^2, 4^2, 3^4, 2^{12}\})$	525533184
12	$\mathcal{O}(3; \{12^2, 4^2, 3^7, 2^8\})$	4060938240
12	$\mathcal{O}(3; \{12^2, 4^2, 3^{10}, 2^4\})$	32630833152
12	$\mathcal{O}(3; \{12^2, 4^2, 3^{13}\})$	260903337984
12	$\mathcal{O}(3; \{12^2, 4^4, 3, 2^{13}\})$	191102976
12	$\mathcal{O}(3; \{12^2, 4^4, 3^4, 2^9\})$	2102132736
12	$\mathcal{O}(3; \{12^2, 4^4, 3^7, 2^5\})$	16243752960
12	$\mathcal{O}(3; \{12^2, 4^4, 3^{10}, 2\})$	130523332608
12	$\mathcal{O}(3; \{12^2, 4^6, 3, 2^{10}\})$	764411904
12	$\mathcal{O}(3; \{12^2, 4^6, 3^4, 2^6\})$	8408530944
12	$\mathcal{O}(3; \{12^2, 4^6, 3^7, 2^2\})$	64975011840
12	$\mathcal{O}(3; \{12^2, 4^8, 3, 2^7\})$	3057647616
12	$\mathcal{O}(3; \{12^2, 4^8, 3^4, 2^3\})$	33634123776
12	$\mathcal{O}(3; \{12^2, 4^{10}, 3, 2^4\})$	12230590464
12	$\mathcal{O}(3; \{12^2, 4^{10}, 3^4\})$	134536495104
12	$\mathcal{O}(3; \{12^2, 4^{12}, 3, 2\})$	48922361856
12	$\mathcal{O}(3; \{12^2, 6, 3^2, 2^{16}\})$	59719680
12	$\mathcal{O}(3; \{12^2, 6, 3^5, 2^{12}\})$	513589248
12	$\mathcal{O}(3; \{12^2, 6, 3^8, 2^8\})$	4072882176
12	$\mathcal{O}(3; \{12^2, 6, 3^{11}, 2^4\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 6, 3^{14}\})$	260915281920
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3^2, 2^{13}\})$	238878720
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3^5, 2^9\})$	2054356992
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3^8, 2^5\})$	16291528704
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3^{11}, 2\})$	130475556864
12	$\mathcal{O}(3; \{12^2, 6, 4^4, 3^2, 2^{10}\})$	955514880
12	$\mathcal{O}(3; \{12^2, 6, 4^4, 3^5, 2^6\})$	8217427968
12	$\mathcal{O}(3; \{12^2, 6, 4^4, 3^8, 2^2\})$	65166114816
12	$\mathcal{O}(3; \{12^2, 6, 4^6, 3^2, 2^7\})$	3822059520
12	$\mathcal{O}(3; \{12^2, 6, 4^6, 3^5, 2^3\})$	32869711872
12	$\mathcal{O}(3; \{12^2, 6, 4^8, 3^2, 2^4\})$	15288238080
12	$\mathcal{O}(3; \{12^2, 6, 4^8, 3^5\})$	131478847488
12	$\mathcal{O}(3; \{12^2, 6, 4^{10}, 3^2, 2\})$	61152952320
12	$\mathcal{O}(3; \{12^2, 6^2, 2^{17}\})$	35831808
12	$\mathcal{O}(3; \{12^2, 6^2, 3^3, 2^{13}\})$	250822656
12	$\mathcal{O}(3; \{12^2, 6^2, 3^6, 2^9\})$	2042413056
12	$\mathcal{O}(3; \{12^2, 6^2, 3^9, 2^5\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 6^2, 3^{12}, 2\})$	130463612928

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 2^{14}\})$	143327232
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 3^3, 2^{10}\})$	1003290624
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 3^6, 2^6\})$	8169652224
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 3^9, 2^2\})$	65213890560
12	$\mathcal{O}(3; \{12^2, 6^2, 4^4, 2^{11}\})$	573308928
12	$\mathcal{O}(3; \{12^2, 6^2, 4^4, 3^3, 2^7\})$	4013162496
12	$\mathcal{O}(3; \{12^2, 6^2, 4^4, 3^6, 2^3\})$	32678608896
12	$\mathcal{O}(3; \{12^2, 6^2, 4^6, 2^8\})$	2293235712
12	$\mathcal{O}(3; \{12^2, 6^2, 4^6, 3^3, 2^4\})$	16052649984
12	$\mathcal{O}(3; \{12^2, 6^2, 4^6, 3^6\})$	130714435584
12	$\mathcal{O}(3; \{12^2, 6^2, 4^8, 2^5\})$	9172942848
12	$\mathcal{O}(3; \{12^2, 6^2, 4^8, 3^3, 2\})$	64210599936
12	$\mathcal{O}(3; \{12^2, 6^2, 4^{10}, 2^2\})$	36691771392
12	$\mathcal{O}(3; \{12^2, 6^3, 3, 2^{14}\})$	131383296
12	$\mathcal{O}(3; \{12^2, 6^3, 3^4, 2^{10}\})$	1015234560
12	$\mathcal{O}(3; \{12^2, 6^3, 3^7, 2^6\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 6^3, 3^{10}, 2^2\})$	65225834496
12	$\mathcal{O}(3; \{12^2, 6^3, 4^2, 3, 2^{11}\})$	525533184
12	$\mathcal{O}(3; \{12^2, 6^3, 4^2, 3^4, 2^7\})$	4060938240
12	$\mathcal{O}(3; \{12^2, 6^3, 4^2, 3^7, 2^3\})$	32630833152
12	$\mathcal{O}(3; \{12^2, 6^3, 4^4, 3, 2^8\})$	2102132736
12	$\mathcal{O}(3; \{12^2, 6^3, 4^4, 3^4, 2^4\})$	16243752960
12	$\mathcal{O}(3; \{12^2, 6^3, 4^4, 3^7\})$	130523332608
12	$\mathcal{O}(3; \{12^2, 6^3, 4^6, 3, 2^5\})$	8408530944
12	$\mathcal{O}(3; \{12^2, 6^3, 4^6, 3^4, 2\})$	64975011840
12	$\mathcal{O}(3; \{12^2, 6^3, 4^8, 3, 2^2\})$	33634123776
12	$\mathcal{O}(3; \{12^2, 6^4, 3^2, 2^{11}\})$	513589248
12	$\mathcal{O}(3; \{12^2, 6^4, 3^5, 2^7\})$	4072882176
12	$\mathcal{O}(3; \{12^2, 6^4, 3^8, 2^3\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 6^4, 4^2, 3^2, 2^8\})$	2054356992
12	$\mathcal{O}(3; \{12^2, 6^4, 4^2, 3^5, 2^4\})$	16291528704
12	$\mathcal{O}(3; \{12^2, 6^4, 4^2, 3^8\})$	130475556864
12	$\mathcal{O}(3; \{12^2, 6^4, 4^4, 3^2, 2^5\})$	8217427968
12	$\mathcal{O}(3; \{12^2, 6^4, 4^4, 3^5, 2\})$	65166114816
12	$\mathcal{O}(3; \{12^2, 6^4, 4^6, 3^2, 2^2\})$	32869711872
12	$\mathcal{O}(3; \{12^2, 6^5, 2^{12}\})$	250822656
12	$\mathcal{O}(3; \{12^2, 6^5, 3^3, 2^8\})$	2042413056
12	$\mathcal{O}(3; \{12^2, 6^5, 3^6, 2^4\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 6^5, 3^9\})$	130463612928
12	$\mathcal{O}(3; \{12^2, 6^5, 4^2, 2^9\})$	1003290624
12	$\mathcal{O}(3; \{12^2, 6^5, 4^2, 3^3, 2^5\})$	8169652224
12	$\mathcal{O}(3; \{12^2, 6^5, 4^2, 3^6, 2\})$	65213890560
12	$\mathcal{O}(3; \{12^2, 6^5, 4^4, 2^6\})$	4013162496

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^2, 6^5, 4^4, 3^3, 2^2\})$	32678608896
12	$\mathcal{O}(3; \{12^2, 6^5, 4^6, 2^3\})$	16052649984
12	$\mathcal{O}(3; \{12^2, 6^5, 4^8\})$	64210599936
12	$\mathcal{O}(3; \{12^2, 6^6, 3, 2^9\})$	1015234560
12	$\mathcal{O}(3; \{12^2, 6^6, 3^4, 2^5\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 6^6, 3^7, 2\})$	65225834496
12	$\mathcal{O}(3; \{12^2, 6^6, 4^2, 3, 2^6\})$	4060938240
12	$\mathcal{O}(3; \{12^2, 6^6, 4^2, 3^4, 2^2\})$	32630833152
12	$\mathcal{O}(3; \{12^2, 6^6, 4^4, 3, 2^3\})$	16243752960
12	$\mathcal{O}(3; \{12^2, 6^6, 4^6, 3\})$	64975011840
12	$\mathcal{O}(3; \{12^2, 6^7, 3^2, 2^6\})$	4072882176
12	$\mathcal{O}(3; \{12^2, 6^7, 3^5, 2^2\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 6^7, 4^2, 3^2, 2^3\})$	16291528704
12	$\mathcal{O}(3; \{12^2, 6^7, 4^4, 3^2\})$	65166114816
12	$\mathcal{O}(3; \{12^2, 6^8, 2^7\})$	2042413056
12	$\mathcal{O}(3; \{12^2, 6^8, 3^3, 2^3\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 6^8, 4^2, 2^4\})$	8169652224
12	$\mathcal{O}(3; \{12^2, 6^8, 4^2, 3^3\})$	65213890560
12	$\mathcal{O}(3; \{12^2, 6^8, 4^4, 2\})$	32678608896
12	$\mathcal{O}(3; \{12^2, 6^9, 3, 2^4\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 6^9, 3^4\})$	65225834496
12	$\mathcal{O}(3; \{12^2, 6^9, 4^2, 3, 2\})$	32630833152
12	$\mathcal{O}(3; \{12^2, 6^{10}, 3^2, 2\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 6^{11}, 2^2\})$	16303472640
12	$\mathcal{O}(3; \{12^3, 4, 2^{17}\})$	47775744
12	$\mathcal{O}(3; \{12^3, 4, 3^3, 2^{13}\})$	525533184
12	$\mathcal{O}(3; \{12^3, 4, 3^6, 2^9\})$	4060938240
12	$\mathcal{O}(3; \{12^3, 4, 3^9, 2^5\})$	32630833152
12	$\mathcal{O}(3; \{12^3, 4, 3^{12}, 2\})$	260903337984
12	$\mathcal{O}(3; \{12^3, 4^3, 2^{14}\})$	191102976
12	$\mathcal{O}(3; \{12^3, 4^3, 3^3, 2^{10}\})$	2102132736
12	$\mathcal{O}(3; \{12^3, 4^3, 3^6, 2^6\})$	16243752960
12	$\mathcal{O}(3; \{12^3, 4^3, 3^9, 2^2\})$	130523332608
12	$\mathcal{O}(3; \{12^3, 4^5, 2^{11}\})$	764411904
12	$\mathcal{O}(3; \{12^3, 4^5, 3^3, 2^7\})$	8408530944
12	$\mathcal{O}(3; \{12^3, 4^5, 3^6, 2^3\})$	64975011840
12	$\mathcal{O}(3; \{12^3, 4^7, 2^8\})$	3057647616
12	$\mathcal{O}(3; \{12^3, 4^7, 3^3, 2^4\})$	33634123776
12	$\mathcal{O}(3; \{12^3, 4^7, 3^6\})$	259900047360
12	$\mathcal{O}(3; \{12^3, 4^9, 2^5\})$	12230590464
12	$\mathcal{O}(3; \{12^3, 4^9, 3^3, 2\})$	134536495104
12	$\mathcal{O}(3; \{12^3, 4^{11}, 2^2\})$	48922361856
12	$\mathcal{O}(3; \{12^3, 6, 4, 3, 2^{14}\})$	238878720

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^3, 6, 4, 3^4, 2^{10}\})$	2054356992
12	$\mathcal{O}(3; \{12^3, 6, 4, 3^7, 2^6\})$	16291528704
12	$\mathcal{O}(3; \{12^3, 6, 4, 3^{10}, 2^2\})$	130475556864
12	$\mathcal{O}(3; \{12^3, 6, 4^3, 3, 2^{11}\})$	955514880
12	$\mathcal{O}(3; \{12^3, 6, 4^3, 3^4, 2^7\})$	8217427968
12	$\mathcal{O}(3; \{12^3, 6, 4^3, 3^7, 2^3\})$	65166114816
12	$\mathcal{O}(3; \{12^3, 6, 4^5, 3, 2^8\})$	3822059520
12	$\mathcal{O}(3; \{12^3, 6, 4^5, 3^4, 2^4\})$	32869711872
12	$\mathcal{O}(3; \{12^3, 6, 4^5, 3^7\})$	260664459264
12	$\mathcal{O}(3; \{12^3, 6, 4^7, 3, 2^5\})$	15288238080
12	$\mathcal{O}(3; \{12^3, 6, 4^7, 3^4, 2\})$	131478847488
12	$\mathcal{O}(3; \{12^3, 6, 4^9, 3, 2^2\})$	61152952320
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 3^2, 2^{11}\})$	1003290624
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 3^5, 2^7\})$	8169652224
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 3^8, 2^3\})$	65213890560
12	$\mathcal{O}(3; \{12^3, 6^2, 4^3, 3^2, 2^8\})$	4013162496
12	$\mathcal{O}(3; \{12^3, 6^2, 4^3, 3^5, 2^4\})$	32678608896
12	$\mathcal{O}(3; \{12^3, 6^2, 4^3, 3^8\})$	260855562240
12	$\mathcal{O}(3; \{12^3, 6^2, 4^5, 3^2, 2^5\})$	16052649984
12	$\mathcal{O}(3; \{12^3, 6^2, 4^5, 3^5, 2\})$	130714435584
12	$\mathcal{O}(3; \{12^3, 6^2, 4^7, 3^2, 2^2\})$	64210599936
12	$\mathcal{O}(3; \{12^3, 6^3, 4, 2^{12}\})$	525533184
12	$\mathcal{O}(3; \{12^3, 6^3, 4, 3^3, 2^8\})$	4060938240
12	$\mathcal{O}(3; \{12^3, 6^3, 4, 3^6, 2^4\})$	32630833152
12	$\mathcal{O}(3; \{12^3, 6^3, 4, 3^9\})$	260903337984
12	$\mathcal{O}(3; \{12^3, 6^3, 4^3, 2^9\})$	2102132736
12	$\mathcal{O}(3; \{12^3, 6^3, 4^3, 3^3, 2^5\})$	16243752960
12	$\mathcal{O}(3; \{12^3, 6^3, 4^3, 3^6, 2\})$	130523332608
12	$\mathcal{O}(3; \{12^3, 6^3, 4^5, 2^6\})$	8408530944
12	$\mathcal{O}(3; \{12^3, 6^3, 4^5, 3^3, 2^2\})$	64975011840
12	$\mathcal{O}(3; \{12^3, 6^3, 4^7, 2^3\})$	33634123776
12	$\mathcal{O}(3; \{12^3, 6^3, 4^9\})$	134536495104
12	$\mathcal{O}(3; \{12^3, 6^4, 4, 3, 2^9\})$	2054356992
12	$\mathcal{O}(3; \{12^3, 6^4, 4, 3^4, 2^5\})$	16291528704
12	$\mathcal{O}(3; \{12^3, 6^4, 4, 3^7, 2\})$	130475556864
12	$\mathcal{O}(3; \{12^3, 6^4, 4^3, 3, 2^6\})$	8217427968
12	$\mathcal{O}(3; \{12^3, 6^4, 4^3, 3^4, 2^2\})$	65166114816
12	$\mathcal{O}(3; \{12^3, 6^4, 4^5, 3, 2^3\})$	32869711872
12	$\mathcal{O}(3; \{12^3, 6^4, 4^7, 3\})$	131478847488
12	$\mathcal{O}(3; \{12^3, 6^5, 4, 3^2, 2^6\})$	8169652224
12	$\mathcal{O}(3; \{12^3, 6^5, 4, 3^5, 2^2\})$	65213890560
12	$\mathcal{O}(3; \{12^3, 6^5, 4^3, 3^2, 2^3\})$	32678608896
12	$\mathcal{O}(3; \{12^3, 6^5, 4^5, 3^2\})$	130714435584

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^3, 6^6, 4, 2^7\})$	4060938240
12	$\mathcal{O}(3; \{12^3, 6^6, 4, 3^3, 2^3\})$	32630833152
12	$\mathcal{O}(3; \{12^3, 6^6, 4^3, 2^4\})$	16243752960
12	$\mathcal{O}(3; \{12^3, 6^6, 4^3, 3^3\})$	130523332608
12	$\mathcal{O}(3; \{12^3, 6^6, 4^5, 2\})$	64975011840
12	$\mathcal{O}(3; \{12^3, 6^7, 4, 3, 2^4\})$	16291528704
12	$\mathcal{O}(3; \{12^3, 6^7, 4, 3^4\})$	130475556864
12	$\mathcal{O}(3; \{12^3, 6^7, 4^3, 3, 2\})$	65166114816
12	$\mathcal{O}(3; \{12^3, 6^8, 4, 3^2, 2\})$	65213890560
12	$\mathcal{O}(3; \{12^3, 6^9, 4, 2^2\})$	32630833152
12	$\mathcal{O}(3; \{12^4, 3^2, 2^{14}\})$	525533184
12	$\mathcal{O}(3; \{12^4, 3^5, 2^{10}\})$	4060938240
12	$\mathcal{O}(3; \{12^4, 3^8, 2^6\})$	32630833152
12	$\mathcal{O}(3; \{12^4, 3^{11}, 2^2\})$	260903337984
12	$\mathcal{O}(3; \{12^4, 4^2, 3^2, 2^{11}\})$	2102132736
12	$\mathcal{O}(3; \{12^4, 4^2, 3^5, 2^7\})$	16243752960
12	$\mathcal{O}(3; \{12^4, 4^2, 3^8, 2^3\})$	130523332608
12	$\mathcal{O}(3; \{12^4, 4^4, 3^2, 2^8\})$	8408530944
12	$\mathcal{O}(3; \{12^4, 4^4, 3^5, 2^4\})$	64975011840
12	$\mathcal{O}(3; \{12^4, 4^4, 3^8\})$	522093330432
12	$\mathcal{O}(3; \{12^4, 4^6, 3^2, 2^5\})$	33634123776
12	$\mathcal{O}(3; \{12^4, 4^6, 3^5, 2\})$	259900047360
12	$\mathcal{O}(3; \{12^4, 4^8, 3^2, 2^2\})$	134536495104
12	$\mathcal{O}(3; \{12^4, 6, 2^{15}\})$	238878720
12	$\mathcal{O}(3; \{12^4, 6, 3^3, 2^{11}\})$	2054356992
12	$\mathcal{O}(3; \{12^4, 6, 3^6, 2^7\})$	16291528704
12	$\mathcal{O}(3; \{12^4, 6, 3^9, 2^3\})$	130475556864
12	$\mathcal{O}(3; \{12^4, 6, 4^2, 2^{12}\})$	955514880
12	$\mathcal{O}(3; \{12^4, 6, 4^2, 3^3, 2^8\})$	8217427968
12	$\mathcal{O}(3; \{12^4, 6, 4^2, 3^6, 2^4\})$	65166114816
12	$\mathcal{O}(3; \{12^4, 6, 4^2, 3^9\})$	521902227456
12	$\mathcal{O}(3; \{12^4, 6, 4^4, 2^9\})$	3822059520
12	$\mathcal{O}(3; \{12^4, 6, 4^4, 3^3, 2^5\})$	32869711872
12	$\mathcal{O}(3; \{12^4, 6, 4^4, 3^6, 2\})$	260664459264
12	$\mathcal{O}(3; \{12^4, 6, 4^6, 2^6\})$	15288238080
12	$\mathcal{O}(3; \{12^4, 6, 4^6, 3^3, 2^2\})$	131478847488
12	$\mathcal{O}(3; \{12^4, 6, 4^8, 2^3\})$	61152952320
12	$\mathcal{O}(3; \{12^4, 6, 4^{10}\})$	244611809280
12	$\mathcal{O}(3; \{12^4, 6^2, 3, 2^{12}\})$	1003290624
12	$\mathcal{O}(3; \{12^4, 6^2, 3^4, 2^8\})$	8169652224
12	$\mathcal{O}(3; \{12^4, 6^2, 3^7, 2^4\})$	65213890560
12	$\mathcal{O}(3; \{12^4, 6^2, 3^{10}\})$	521854451712
12	$\mathcal{O}(3; \{12^4, 6^2, 4^2, 3, 2^9\})$	4013162496

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^4, 6^2, 4^2, 3^4, 2^5\})$	32678608896
12	$\mathcal{O}(3; \{12^4, 6^2, 4^2, 3^7, 2\})$	260855562240
12	$\mathcal{O}(3; \{12^4, 6^2, 4^4, 3, 2^6\})$	16052649984
12	$\mathcal{O}(3; \{12^4, 6^2, 4^4, 3^4, 2^2\})$	130714435584
12	$\mathcal{O}(3; \{12^4, 6^2, 4^6, 3, 2^3\})$	64210599936
12	$\mathcal{O}(3; \{12^4, 6^2, 4^8, 3\})$	256842399744
12	$\mathcal{O}(3; \{12^4, 6^3, 3^2, 2^9\})$	4060938240
12	$\mathcal{O}(3; \{12^4, 6^3, 3^5, 2^5\})$	32630833152
12	$\mathcal{O}(3; \{12^4, 6^3, 3^8, 2\})$	260903337984
12	$\mathcal{O}(3; \{12^4, 6^3, 4^2, 3^2, 2^6\})$	16243752960
12	$\mathcal{O}(3; \{12^4, 6^3, 4^2, 3^5, 2^2\})$	130523332608
12	$\mathcal{O}(3; \{12^4, 6^3, 4^4, 3^2, 2^3\})$	64975011840
12	$\mathcal{O}(3; \{12^4, 6^3, 4^6, 3^2\})$	259900047360
12	$\mathcal{O}(3; \{12^4, 6^4, 2^{10}\})$	2054356992
12	$\mathcal{O}(3; \{12^4, 6^4, 3^3, 2^6\})$	16291528704
12	$\mathcal{O}(3; \{12^4, 6^4, 3^6, 2^2\})$	130475556864
12	$\mathcal{O}(3; \{12^4, 6^4, 4^2, 2^7\})$	8217427968
12	$\mathcal{O}(3; \{12^4, 6^4, 4^2, 3^3, 2^3\})$	65166114816
12	$\mathcal{O}(3; \{12^4, 6^4, 4^4, 2^4\})$	32869711872
12	$\mathcal{O}(3; \{12^4, 6^4, 4^4, 3^3\})$	260664459264
12	$\mathcal{O}(3; \{12^4, 6^4, 4^6, 2\})$	131478847488
12	$\mathcal{O}(3; \{12^4, 6^5, 3, 2^7\})$	8169652224
12	$\mathcal{O}(3; \{12^4, 6^5, 3^4, 2^3\})$	65213890560
12	$\mathcal{O}(3; \{12^4, 6^5, 4^2, 3, 2^4\})$	32678608896
12	$\mathcal{O}(3; \{12^4, 6^5, 4^2, 3^4\})$	260855562240
12	$\mathcal{O}(3; \{12^4, 6^5, 4^4, 3, 2\})$	130714435584
12	$\mathcal{O}(3; \{12^4, 6^6, 3^2, 2^4\})$	32630833152
12	$\mathcal{O}(3; \{12^4, 6^6, 3^5\})$	260903337984
12	$\mathcal{O}(3; \{12^4, 6^6, 4^2, 3^2, 2\})$	130523332608
12	$\mathcal{O}(3; \{12^4, 6^7, 2^5\})$	16291528704
12	$\mathcal{O}(3; \{12^4, 6^7, 3^3, 2\})$	130475556864
12	$\mathcal{O}(3; \{12^4, 6^7, 4^2, 2^2\})$	65166114816
12	$\mathcal{O}(3; \{12^4, 6^8, 3, 2^2\})$	65213890560
12	$\mathcal{O}(3; \{12^4, 6^{10}\})$	130475556864
12	$\mathcal{O}(3; \{12^5, 4, 3, 2^{12}\})$	2102132736
12	$\mathcal{O}(3; \{12^5, 4, 3^4, 2^8\})$	16243752960
12	$\mathcal{O}(3; \{12^5, 4, 3^7, 2^4\})$	130523332608
12	$\mathcal{O}(3; \{12^5, 4, 3^{10}\})$	1043613351936
12	$\mathcal{O}(3; \{12^5, 4^3, 3, 2^9\})$	8408530944
12	$\mathcal{O}(3; \{12^5, 4^3, 3^4, 2^5\})$	64975011840
12	$\mathcal{O}(3; \{12^5, 4^3, 3^7, 2\})$	522093330432
12	$\mathcal{O}(3; \{12^5, 4^5, 3, 2^6\})$	33634123776
12	$\mathcal{O}(3; \{12^5, 4^5, 3^4, 2^2\})$	259900047360

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^5, 4^7, 3, 2^3\})$	134536495104
12	$\mathcal{O}(3; \{12^5, 4^9, 3\})$	538145980416
12	$\mathcal{O}(3; \{12^5, 6, 4, 3^2, 2^9\})$	8217427968
12	$\mathcal{O}(3; \{12^5, 6, 4, 3^5, 2^5\})$	65166114816
12	$\mathcal{O}(3; \{12^5, 6, 4, 3^8, 2\})$	521902227456
12	$\mathcal{O}(3; \{12^5, 6, 4^3, 3^2, 2^6\})$	32869711872
12	$\mathcal{O}(3; \{12^5, 6, 4^3, 3^5, 2^2\})$	260664459264
12	$\mathcal{O}(3; \{12^5, 6, 4^5, 3^2, 2^3\})$	131478847488
12	$\mathcal{O}(3; \{12^5, 6, 4^7, 3^2\})$	525915389952
12	$\mathcal{O}(3; \{12^5, 6^2, 4, 2^{10}\})$	4013162496
12	$\mathcal{O}(3; \{12^5, 6^2, 4, 3^3, 2^6\})$	32678608896
12	$\mathcal{O}(3; \{12^5, 6^2, 4, 3^6, 2^2\})$	260855562240
12	$\mathcal{O}(3; \{12^5, 6^2, 4^3, 2^7\})$	16052649984
12	$\mathcal{O}(3; \{12^5, 6^2, 4^3, 3^3, 2^3\})$	130714435584
12	$\mathcal{O}(3; \{12^5, 6^2, 4^5, 2^4\})$	64210599936
12	$\mathcal{O}(3; \{12^5, 6^2, 4^5, 3^3\})$	522857742336
12	$\mathcal{O}(3; \{12^5, 6^2, 4^7, 2\})$	256842399744
12	$\mathcal{O}(3; \{12^5, 6^3, 4, 3, 2^7\})$	16243752960
12	$\mathcal{O}(3; \{12^5, 6^3, 4, 3^4, 2^3\})$	130523332608
12	$\mathcal{O}(3; \{12^5, 6^3, 4^3, 3, 2^4\})$	64975011840
12	$\mathcal{O}(3; \{12^5, 6^3, 4^3, 3^4\})$	522093330432
12	$\mathcal{O}(3; \{12^5, 6^3, 4^5, 3, 2\})$	259900047360
12	$\mathcal{O}(3; \{12^5, 6^4, 4, 3^2, 2^4\})$	65166114816
12	$\mathcal{O}(3; \{12^5, 6^4, 4, 3^5\})$	521902227456
12	$\mathcal{O}(3; \{12^5, 6^4, 4^3, 3^2, 2\})$	260664459264
12	$\mathcal{O}(3; \{12^5, 6^5, 4, 2^5\})$	32678608896
12	$\mathcal{O}(3; \{12^5, 6^5, 4, 3^3, 2\})$	260855562240
12	$\mathcal{O}(3; \{12^5, 6^5, 4^3, 2^2\})$	130714435584
12	$\mathcal{O}(3; \{12^5, 6^6, 4, 3, 2^2\})$	130523332608
12	$\mathcal{O}(3; \{12^5, 6^8, 4\})$	260855562240
12	$\mathcal{O}(3; \{12^6, 2^{13}\})$	2102132736
12	$\mathcal{O}(3; \{12^6, 3^3, 2^9\})$	16243752960
12	$\mathcal{O}(3; \{12^6, 3^6, 2^5\})$	130523332608
12	$\mathcal{O}(3; \{12^6, 3^9, 2\})$	1043613351936
12	$\mathcal{O}(3; \{12^6, 4^2, 2^{10}\})$	8408530944
12	$\mathcal{O}(3; \{12^6, 4^2, 3^3, 2^6\})$	64975011840
12	$\mathcal{O}(3; \{12^6, 4^2, 3^6, 2^2\})$	522093330432
12	$\mathcal{O}(3; \{12^6, 4^4, 2^7\})$	33634123776
12	$\mathcal{O}(3; \{12^6, 4^4, 3^3, 2^3\})$	259900047360
12	$\mathcal{O}(3; \{12^6, 4^6, 2^4\})$	134536495104
12	$\mathcal{O}(3; \{12^6, 4^6, 3^3\})$	1039600189440
12	$\mathcal{O}(3; \{12^6, 4^8, 2\})$	538145980416
12	$\mathcal{O}(3; \{12^6, 6, 3, 2^{10}\})$	8217427968

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^6, 6, 3^4, 2^6\})$	65166114816
12	$\mathcal{O}(3; \{12^6, 6, 3^7, 2^2\})$	521902227456
12	$\mathcal{O}(3; \{12^6, 6, 4^2, 3, 2^7\})$	32869711872
12	$\mathcal{O}(3; \{12^6, 6, 4^2, 3^4, 2^3\})$	260664459264
12	$\mathcal{O}(3; \{12^6, 6, 4^4, 3, 2^4\})$	131478847488
12	$\mathcal{O}(3; \{12^6, 6, 4^4, 3^4\})$	1042657837056
12	$\mathcal{O}(3; \{12^6, 6, 4^6, 3, 2\})$	525915389952
12	$\mathcal{O}(3; \{12^6, 6^2, 3^2, 2^7\})$	32678608896
12	$\mathcal{O}(3; \{12^6, 6^2, 3^5, 2^3\})$	260855562240
12	$\mathcal{O}(3; \{12^6, 6^2, 4^2, 3^2, 2^4\})$	130714435584
12	$\mathcal{O}(3; \{12^6, 6^2, 4^2, 3^5\})$	1043422248960
12	$\mathcal{O}(3; \{12^6, 6^2, 4^4, 3^2, 2\})$	522857742336
12	$\mathcal{O}(3; \{12^6, 6^3, 2^8\})$	16243752960
12	$\mathcal{O}(3; \{12^6, 6^3, 3^3, 2^4\})$	130523332608
12	$\mathcal{O}(3; \{12^6, 6^3, 3^6\})$	1043613351936
12	$\mathcal{O}(3; \{12^6, 6^3, 4^2, 2^5\})$	64975011840
12	$\mathcal{O}(3; \{12^6, 6^3, 4^2, 3^3, 2\})$	522093330432
12	$\mathcal{O}(3; \{12^6, 6^3, 4^4, 2^2\})$	259900047360
12	$\mathcal{O}(3; \{12^6, 6^4, 3, 2^5\})$	65166114816
12	$\mathcal{O}(3; \{12^6, 6^4, 3^4, 2\})$	521902227456
12	$\mathcal{O}(3; \{12^6, 6^4, 4^2, 3, 2^2\})$	260664459264
12	$\mathcal{O}(3; \{12^6, 6^5, 3^2, 2^2\})$	260855562240
12	$\mathcal{O}(3; \{12^6, 6^6, 2^3\})$	130523332608
12	$\mathcal{O}(3; \{12^6, 6^6, 4^2\})$	522093330432
12	$\mathcal{O}(3; \{12^6, 6^7, 3\})$	521902227456
12	$\mathcal{O}(3; \{12^7, 4, 3^2, 2^7\})$	64975011840
12	$\mathcal{O}(3; \{12^7, 4, 3^5, 2^3\})$	522093330432
12	$\mathcal{O}(3; \{12^7, 4^3, 3^2, 2^4\})$	259900047360
12	$\mathcal{O}(3; \{12^7, 4^3, 3^5\})$	2088373321728
12	$\mathcal{O}(3; \{12^7, 4^5, 3^2, 2\})$	1039600189440
12	$\mathcal{O}(3; \{12^7, 6, 4, 2^8\})$	32869711872
12	$\mathcal{O}(3; \{12^7, 6, 4, 3^3, 2^4\})$	260664459264
12	$\mathcal{O}(3; \{12^7, 6, 4, 3^6\})$	2087608909824
12	$\mathcal{O}(3; \{12^7, 6, 4^3, 2^5\})$	131478847488
12	$\mathcal{O}(3; \{12^7, 6, 4^3, 3^3, 2\})$	1042657837056
12	$\mathcal{O}(3; \{12^7, 6, 4^5, 2^2\})$	525915389952
12	$\mathcal{O}(3; \{12^7, 6^2, 4, 3, 2^5\})$	130714435584
12	$\mathcal{O}(3; \{12^7, 6^2, 4, 3^4, 2\})$	1043422248960
12	$\mathcal{O}(3; \{12^7, 6^2, 4^3, 3, 2^2\})$	522857742336
12	$\mathcal{O}(3; \{12^7, 6^3, 4, 3^2, 2^2\})$	522093330432
12	$\mathcal{O}(3; \{12^7, 6^4, 4, 2^3\})$	260664459264
12	$\mathcal{O}(3; \{12^7, 6^4, 4^3\})$	1042657837056
12	$\mathcal{O}(3; \{12^7, 6^5, 4, 3\})$	1043422248960

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^8, 3, 2^8\})$	64975011840
12	$\mathcal{O}(3; \{12^8, 3^4, 2^4\})$	522093330432
12	$\mathcal{O}(3; \{12^8, 3^7\})$	4174453407744
12	$\mathcal{O}(3; \{12^8, 4^2, 3, 2^5\})$	259900047360
12	$\mathcal{O}(3; \{12^8, 4^2, 3^4, 2\})$	2088373321728
12	$\mathcal{O}(3; \{12^8, 4^4, 3, 2^2\})$	1039600189440
12	$\mathcal{O}(3; \{12^8, 6, 3^2, 2^5\})$	260664459264
12	$\mathcal{O}(3; \{12^8, 6, 3^5, 2\})$	2087608909824
12	$\mathcal{O}(3; \{12^8, 6, 4^2, 3^2, 2^2\})$	1042657837056
12	$\mathcal{O}(3; \{12^8, 6^2, 2^6\})$	130714435584
12	$\mathcal{O}(3; \{12^8, 6^2, 3^3, 2^2\})$	1043422248960
12	$\mathcal{O}(3; \{12^8, 6^2, 4^2, 2^3\})$	522857742336
12	$\mathcal{O}(3; \{12^8, 6^2, 4^4\})$	2091430969344
12	$\mathcal{O}(3; \{12^8, 6^3, 3, 2^3\})$	522093330432
12	$\mathcal{O}(3; \{12^8, 6^3, 4^2, 3\})$	2088373321728
12	$\mathcal{O}(3; \{12^8, 6^4, 3^2\})$	2087608909824
12	$\mathcal{O}(3; \{12^8, 6^5, 2\})$	1043422248960
12	$\mathcal{O}(3; \{12^9, 4, 2^6\})$	259900047360
12	$\mathcal{O}(3; \{12^9, 4, 3^3, 2^2\})$	2088373321728
12	$\mathcal{O}(3; \{12^9, 4^3, 2^3\})$	1039600189440
12	$\mathcal{O}(3; \{12^9, 4^5\})$	4158400757760
12	$\mathcal{O}(3; \{12^9, 6, 4, 3, 2^3\})$	1042657837056
12	$\mathcal{O}(3; \{12^9, 6, 4^3, 3\})$	4170631348224
12	$\mathcal{O}(3; \{12^9, 6^2, 4, 3^2\})$	4173688995840
12	$\mathcal{O}(3; \{12^9, 6^3, 4, 2\})$	2088373321728
12	$\mathcal{O}(3; \{12^{10}, 3^2, 2^3\})$	2088373321728
12	$\mathcal{O}(3; \{12^{10}, 4^2, 3^2\})$	8353493286912
12	$\mathcal{O}(3; \{12^{10}, 6, 2^4\})$	1042657837056
12	$\mathcal{O}(3; \{12^{10}, 6, 3^3\})$	8350435639296
12	$\mathcal{O}(3; \{12^{10}, 6, 4^2, 2\})$	4170631348224
12	$\mathcal{O}(3; \{12^{10}, 6^2, 3, 2\})$	4173688995840
12	$\mathcal{O}(3; \{12^{11}, 4, 3, 2\})$	8353493286912
12	$\mathcal{O}(3; \{12^{12}, 2^2\})$	8353493286912
12	$\mathcal{O}(2; \{2^{28}\})$	19200
12	$\mathcal{O}(2; \{3^3, 2^{24}\})$	38880
12	$\mathcal{O}(2; \{3^6, 2^{20}\})$	427680
12	$\mathcal{O}(2; \{3^9, 2^{16}\})$	3304800
12	$\mathcal{O}(2; \{3^{12}, 2^{12}\})$	26555040
12	$\mathcal{O}(2; \{3^{15}, 2^8\})$	212323680
12	$\mathcal{O}(2; \{3^{18}, 2^4\})$	1698706080
12	$\mathcal{O}(2; \{3^{21}\})$	13589532000
12	$\mathcal{O}(2; \{4^2, 2^{25}\})$	40960
12	$\mathcal{O}(2; \{4^2, 3^3, 2^{21}\})$	82944

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{4^2, 3^6, 2^{17}\})$	912384
12	$\mathcal{O}(2; \{4^2, 3^9, 2^{13}\})$	7050240
12	$\mathcal{O}(2; \{4^2, 3^{12}, 2^9\})$	56650752
12	$\mathcal{O}(2; \{4^2, 3^{15}, 2^5\})$	452957184
12	$\mathcal{O}(2; \{4^2, 3^{18}, 2\})$	3623906304
12	$\mathcal{O}(2; \{4^4, 2^{22}\})$	163840
12	$\mathcal{O}(2; \{4^4, 3^3, 2^{18}\})$	331776
12	$\mathcal{O}(2; \{4^4, 3^6, 2^{14}\})$	3649536
12	$\mathcal{O}(2; \{4^4, 3^9, 2^{10}\})$	28200960
12	$\mathcal{O}(2; \{4^4, 3^{12}, 2^6\})$	226603008
12	$\mathcal{O}(2; \{4^4, 3^{15}, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{4^6, 2^{19}\})$	655360
12	$\mathcal{O}(2; \{4^6, 3^3, 2^{15}\})$	1327104
12	$\mathcal{O}(2; \{4^6, 3^6, 2^{11}\})$	14598144
12	$\mathcal{O}(2; \{4^6, 3^9, 2^7\})$	112803840
12	$\mathcal{O}(2; \{4^6, 3^{12}, 2^3\})$	906412032
12	$\mathcal{O}(2; \{4^8, 2^{16}\})$	2621440
12	$\mathcal{O}(2; \{4^8, 3^3, 2^{12}\})$	5308416
12	$\mathcal{O}(2; \{4^8, 3^6, 2^8\})$	58392576
12	$\mathcal{O}(2; \{4^8, 3^9, 2^4\})$	451215360
12	$\mathcal{O}(2; \{4^8, 3^{12}\})$	3625648128
12	$\mathcal{O}(2; \{4^{10}, 2^{13}\})$	10485760
12	$\mathcal{O}(2; \{4^{10}, 3^3, 2^9\})$	21233664
12	$\mathcal{O}(2; \{4^{10}, 3^6, 2^5\})$	233570304
12	$\mathcal{O}(2; \{4^{10}, 3^9, 2\})$	1804861440
12	$\mathcal{O}(2; \{4^{12}, 2^{10}\})$	41943040
12	$\mathcal{O}(2; \{4^{12}, 3^3, 2^6\})$	84934656
12	$\mathcal{O}(2; \{4^{12}, 3^6, 2^2\})$	934281216
12	$\mathcal{O}(2; \{4^{14}, 2^7\})$	167772160
12	$\mathcal{O}(2; \{4^{14}, 3^3, 2^3\})$	339738624
12	$\mathcal{O}(2; \{4^{16}, 2^4\})$	671088640
12	$\mathcal{O}(2; \{4^{16}, 3^3\})$	1358954496
12	$\mathcal{O}(2; \{4^{18}, 2\})$	2684354560
12	$\mathcal{O}(2; \{6, 3, 2^{25}\})$	38880
12	$\mathcal{O}(2; \{6, 3^4, 2^{21}\})$	194400
12	$\mathcal{O}(2; \{6, 3^7, 2^{17}\})$	1671840
12	$\mathcal{O}(2; \{6, 3^{10}, 2^{13}\})$	13258080
12	$\mathcal{O}(2; \{6, 3^{13}, 2^9\})$	106181280
12	$\mathcal{O}(2; \{6, 3^{16}, 2^5\})$	849333600
12	$\mathcal{O}(2; \{6, 3^{19}, 2\})$	6794785440
12	$\mathcal{O}(2; \{6, 4^2, 3, 2^{22}\})$	82944
12	$\mathcal{O}(2; \{6, 4^2, 3^4, 2^{18}\})$	414720
12	$\mathcal{O}(2; \{6, 4^2, 3^7, 2^{14}\})$	3566592

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6, 4^2, 3^{10}, 2^{10}\})$	28283904
12	$\mathcal{O}(2; \{6, 4^2, 3^{13}, 2^6\})$	226520064
12	$\mathcal{O}(2; \{6, 4^2, 3^{16}, 2^2\})$	1811911680
12	$\mathcal{O}(2; \{6, 4^4, 3, 2^{19}\})$	331776
12	$\mathcal{O}(2; \{6, 4^4, 3^4, 2^{15}\})$	1658880
12	$\mathcal{O}(2; \{6, 4^4, 3^7, 2^{11}\})$	14266368
12	$\mathcal{O}(2; \{6, 4^4, 3^{10}, 2^7\})$	113135616
12	$\mathcal{O}(2; \{6, 4^4, 3^{13}, 2^3\})$	906080256
12	$\mathcal{O}(2; \{6, 4^6, 3, 2^{16}\})$	1327104
12	$\mathcal{O}(2; \{6, 4^6, 3^4, 2^{12}\})$	6635520
12	$\mathcal{O}(2; \{6, 4^6, 3^7, 2^8\})$	57065472
12	$\mathcal{O}(2; \{6, 4^6, 3^{10}, 2^4\})$	452542464
12	$\mathcal{O}(2; \{6, 4^6, 3^{13}\})$	3624321024
12	$\mathcal{O}(2; \{6, 4^8, 3, 2^{13}\})$	5308416
12	$\mathcal{O}(2; \{6, 4^8, 3^4, 2^9\})$	26542080
12	$\mathcal{O}(2; \{6, 4^8, 3^7, 2^5\})$	228261888
12	$\mathcal{O}(2; \{6, 4^8, 3^{10}, 2\})$	1810169856
12	$\mathcal{O}(2; \{6, 4^{10}, 3, 2^{10}\})$	21233664
12	$\mathcal{O}(2; \{6, 4^{10}, 3^4, 2^6\})$	106168320
12	$\mathcal{O}(2; \{6, 4^{10}, 3^7, 2^2\})$	913047552
12	$\mathcal{O}(2; \{6, 4^{12}, 3, 2^7\})$	84934656
12	$\mathcal{O}(2; \{6, 4^{12}, 3^4, 2^3\})$	424673280
12	$\mathcal{O}(2; \{6, 4^{14}, 3, 2^4\})$	339738624
12	$\mathcal{O}(2; \{6, 4^{14}, 3^4\})$	1698693120
12	$\mathcal{O}(2; \{6, 4^{16}, 3, 2\})$	1358954496
12	$\mathcal{O}(2; \{6^2, 3^2, 2^{22}\})$	116640
12	$\mathcal{O}(2; \{6^2, 3^5, 2^{18}\})$	816480
12	$\mathcal{O}(2; \{6^2, 3^8, 2^{14}\})$	6648480
12	$\mathcal{O}(2; \{6^2, 3^{11}, 2^{10}\})$	53071200
12	$\mathcal{O}(2; \{6^2, 3^{14}, 2^6\})$	424686240
12	$\mathcal{O}(2; \{6^2, 3^{17}, 2^2\})$	3397373280
12	$\mathcal{O}(2; \{6^2, 4^2, 3^2, 2^{19}\})$	248832
12	$\mathcal{O}(2; \{6^2, 4^2, 3^5, 2^{15}\})$	1741824
12	$\mathcal{O}(2; \{6^2, 4^2, 3^8, 2^{11}\})$	14183424
12	$\mathcal{O}(2; \{6^2, 4^2, 3^{11}, 2^7\})$	113218560
12	$\mathcal{O}(2; \{6^2, 4^2, 3^{14}, 2^3\})$	905997312
12	$\mathcal{O}(2; \{6^2, 4^4, 3^2, 2^{16}\})$	995328
12	$\mathcal{O}(2; \{6^2, 4^4, 3^5, 2^{12}\})$	6967296
12	$\mathcal{O}(2; \{6^2, 4^4, 3^8, 2^8\})$	56733696
12	$\mathcal{O}(2; \{6^2, 4^4, 3^{11}, 2^4\})$	452874240
12	$\mathcal{O}(2; \{6^2, 4^4, 3^{14}\})$	3623989248
12	$\mathcal{O}(2; \{6^2, 4^6, 3^2, 2^{13}\})$	3981312
12	$\mathcal{O}(2; \{6^2, 4^6, 3^5, 2^9\})$	27869184

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^2, 4^6, 3^8, 2^5\})$	226934784
12	$\mathcal{O}(2; \{6^2, 4^6, 3^{11}, 2\})$	1811496960
12	$\mathcal{O}(2; \{6^2, 4^8, 3^2, 2^{10}\})$	15925248
12	$\mathcal{O}(2; \{6^2, 4^8, 3^5, 2^6\})$	111476736
12	$\mathcal{O}(2; \{6^2, 4^8, 3^8, 2^2\})$	907739136
12	$\mathcal{O}(2; \{6^2, 4^{10}, 3^2, 2^7\})$	63700992
12	$\mathcal{O}(2; \{6^2, 4^{10}, 3^5, 2^3\})$	445906944
12	$\mathcal{O}(2; \{6^2, 4^{12}, 3^2, 2^4\})$	254803968
12	$\mathcal{O}(2; \{6^2, 4^{12}, 3^5\})$	1783627776
12	$\mathcal{O}(2; \{6^2, 4^{14}, 3^2, 2\})$	1019215872
12	$\mathcal{O}(2; \{6^3, 2^{23}\})$	38880
12	$\mathcal{O}(2; \{6^3, 3^3, 2^{19}\})$	427680
12	$\mathcal{O}(2; \{6^3, 3^6, 2^{15}\})$	3304800
12	$\mathcal{O}(2; \{6^3, 3^9, 2^{11}\})$	26555040
12	$\mathcal{O}(2; \{6^3, 3^{12}, 2^7\})$	212323680
12	$\mathcal{O}(2; \{6^3, 3^{15}, 2^3\})$	1698706080
12	$\mathcal{O}(2; \{6^3, 4^2, 2^{20}\})$	82944
12	$\mathcal{O}(2; \{6^3, 4^2, 3^3, 2^{16}\})$	912384
12	$\mathcal{O}(2; \{6^3, 4^2, 3^6, 2^{12}\})$	7050240
12	$\mathcal{O}(2; \{6^3, 4^2, 3^9, 2^8\})$	56650752
12	$\mathcal{O}(2; \{6^3, 4^2, 3^{12}, 2^4\})$	452957184
12	$\mathcal{O}(2; \{6^3, 4^2, 3^{15}\})$	3623906304
12	$\mathcal{O}(2; \{6^3, 4^4, 2^{17}\})$	331776
12	$\mathcal{O}(2; \{6^3, 4^4, 3^3, 2^{13}\})$	3649536
12	$\mathcal{O}(2; \{6^3, 4^4, 3^6, 2^9\})$	28200960
12	$\mathcal{O}(2; \{6^3, 4^4, 3^9, 2^5\})$	226603008
12	$\mathcal{O}(2; \{6^3, 4^4, 3^{12}, 2\})$	1811828736
12	$\mathcal{O}(2; \{6^3, 4^6, 2^{14}\})$	1327104
12	$\mathcal{O}(2; \{6^3, 4^6, 3^3, 2^{10}\})$	14598144
12	$\mathcal{O}(2; \{6^3, 4^6, 3^6, 2^6\})$	112803840
12	$\mathcal{O}(2; \{6^3, 4^6, 3^9, 2^2\})$	906412032
12	$\mathcal{O}(2; \{6^3, 4^8, 2^{11}\})$	5308416
12	$\mathcal{O}(2; \{6^3, 4^8, 3^3, 2^7\})$	58392576
12	$\mathcal{O}(2; \{6^3, 4^8, 3^6, 2^3\})$	451215360
12	$\mathcal{O}(2; \{6^3, 4^{10}, 2^8\})$	21233664
12	$\mathcal{O}(2; \{6^3, 4^{10}, 3^3, 2^4\})$	233570304
12	$\mathcal{O}(2; \{6^3, 4^{10}, 3^6\})$	1804861440
12	$\mathcal{O}(2; \{6^3, 4^{12}, 2^5\})$	84934656
12	$\mathcal{O}(2; \{6^3, 4^{12}, 3^3, 2\})$	934281216
12	$\mathcal{O}(2; \{6^3, 4^{14}, 2^2\})$	339738624
12	$\mathcal{O}(2; \{6^4, 3, 2^{20}\})$	194400
12	$\mathcal{O}(2; \{6^4, 3^4, 2^{16}\})$	1671840
12	$\mathcal{O}(2; \{6^4, 3^7, 2^{12}\})$	13258080

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^4, 3^{10}, 2^8\})$	106181280
12	$\mathcal{O}(2; \{6^4, 3^{13}, 2^4\})$	849333600
12	$\mathcal{O}(2; \{6^4, 3^{16}\})$	6794785440
12	$\mathcal{O}(2; \{6^4, 4^2, 3, 2^{17}\})$	414720
12	$\mathcal{O}(2; \{6^4, 4^2, 3^4, 2^{13}\})$	3566592
12	$\mathcal{O}(2; \{6^4, 4^2, 3^7, 2^9\})$	28283904
12	$\mathcal{O}(2; \{6^4, 4^2, 3^{10}, 2^5\})$	226520064
12	$\mathcal{O}(2; \{6^4, 4^2, 3^{13}, 2\})$	1811911680
12	$\mathcal{O}(2; \{6^4, 4^4, 3, 2^{14}\})$	1658880
12	$\mathcal{O}(2; \{6^4, 4^4, 3^4, 2^{10}\})$	14266368
12	$\mathcal{O}(2; \{6^4, 4^4, 3^7, 2^6\})$	113135616
12	$\mathcal{O}(2; \{6^4, 4^4, 3^{10}, 2^2\})$	906080256
12	$\mathcal{O}(2; \{6^4, 4^6, 3, 2^{11}\})$	6635520
12	$\mathcal{O}(2; \{6^4, 4^6, 3^4, 2^7\})$	57065472
12	$\mathcal{O}(2; \{6^4, 4^6, 3^7, 2^3\})$	452542464
12	$\mathcal{O}(2; \{6^4, 4^8, 3, 2^8\})$	26542080
12	$\mathcal{O}(2; \{6^4, 4^8, 3^4, 2^4\})$	228261888
12	$\mathcal{O}(2; \{6^4, 4^8, 3^7\})$	1810169856
12	$\mathcal{O}(2; \{6^4, 4^{10}, 3, 2^5\})$	106168320
12	$\mathcal{O}(2; \{6^4, 4^{10}, 3^4, 2\})$	913047552
12	$\mathcal{O}(2; \{6^4, 4^{12}, 3, 2^2\})$	424673280
12	$\mathcal{O}(2; \{6^5, 3^2, 2^{17}\})$	816480
12	$\mathcal{O}(2; \{6^5, 3^5, 2^{13}\})$	6648480
12	$\mathcal{O}(2; \{6^5, 3^8, 2^9\})$	53071200
12	$\mathcal{O}(2; \{6^5, 3^{11}, 2^5\})$	424686240
12	$\mathcal{O}(2; \{6^5, 3^{14}, 2\})$	3397373280
12	$\mathcal{O}(2; \{6^5, 4^2, 3^2, 2^{14}\})$	1741824
12	$\mathcal{O}(2; \{6^5, 4^2, 3^5, 2^{10}\})$	14183424
12	$\mathcal{O}(2; \{6^5, 4^2, 3^8, 2^6\})$	113218560
12	$\mathcal{O}(2; \{6^5, 4^2, 3^{11}, 2^2\})$	905997312
12	$\mathcal{O}(2; \{6^5, 4^4, 3^2, 2^{11}\})$	6967296
12	$\mathcal{O}(2; \{6^5, 4^4, 3^5, 2^7\})$	56733696
12	$\mathcal{O}(2; \{6^5, 4^4, 3^8, 2^3\})$	452874240
12	$\mathcal{O}(2; \{6^5, 4^6, 3^2, 2^8\})$	27869184
12	$\mathcal{O}(2; \{6^5, 4^6, 3^5, 2^4\})$	226934784
12	$\mathcal{O}(2; \{6^5, 4^6, 3^8\})$	1811496960
12	$\mathcal{O}(2; \{6^5, 4^8, 3^2, 2^5\})$	111476736
12	$\mathcal{O}(2; \{6^5, 4^8, 3^5, 2\})$	907739136
12	$\mathcal{O}(2; \{6^5, 4^{10}, 3^2, 2^2\})$	445906944
12	$\mathcal{O}(2; \{6^6, 2^{18}\})$	427680
12	$\mathcal{O}(2; \{6^6, 3^3, 2^{14}\})$	3304800
12	$\mathcal{O}(2; \{6^6, 3^6, 2^{10}\})$	26555040
12	$\mathcal{O}(2; \{6^6, 3^9, 2^6\})$	212323680

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^6, 3^{12}, 2^2\})$	1698706080
12	$\mathcal{O}(2; \{6^6, 4^2, 2^{15}\})$	912384
12	$\mathcal{O}(2; \{6^6, 4^2, 3^3, 2^{11}\})$	7050240
12	$\mathcal{O}(2; \{6^6, 4^2, 3^6, 2^7\})$	56650752
12	$\mathcal{O}(2; \{6^6, 4^2, 3^9, 2^3\})$	452957184
12	$\mathcal{O}(2; \{6^6, 4^4, 2^{12}\})$	3649536
12	$\mathcal{O}(2; \{6^6, 4^4, 3^3, 2^8\})$	28200960
12	$\mathcal{O}(2; \{6^6, 4^4, 3^6, 2^4\})$	226603008
12	$\mathcal{O}(2; \{6^6, 4^4, 3^9\})$	1811828736
12	$\mathcal{O}(2; \{6^6, 4^6, 2^9\})$	14598144
12	$\mathcal{O}(2; \{6^6, 4^6, 3^3, 2^5\})$	112803840
12	$\mathcal{O}(2; \{6^6, 4^6, 3^6, 2\})$	906412032
12	$\mathcal{O}(2; \{6^6, 4^8, 2^6\})$	58392576
12	$\mathcal{O}(2; \{6^6, 4^8, 3^3, 2^2\})$	451215360
12	$\mathcal{O}(2; \{6^6, 4^{10}, 2^3\})$	233570304
12	$\mathcal{O}(2; \{6^6, 4^{12}\})$	934281216
12	$\mathcal{O}(2; \{6^7, 3, 2^{15}\})$	1671840
12	$\mathcal{O}(2; \{6^7, 3^4, 2^{11}\})$	13258080
12	$\mathcal{O}(2; \{6^7, 3^7, 2^7\})$	106181280
12	$\mathcal{O}(2; \{6^7, 3^{10}, 2^3\})$	849333600
12	$\mathcal{O}(2; \{6^7, 4^2, 3, 2^{12}\})$	3566592
12	$\mathcal{O}(2; \{6^7, 4^2, 3^4, 2^8\})$	28283904
12	$\mathcal{O}(2; \{6^7, 4^2, 3^7, 2^4\})$	226520064
12	$\mathcal{O}(2; \{6^7, 4^2, 3^{10}\})$	1811911680
12	$\mathcal{O}(2; \{6^7, 4^4, 3, 2^9\})$	14266368
12	$\mathcal{O}(2; \{6^7, 4^4, 3^4, 2^5\})$	113135616
12	$\mathcal{O}(2; \{6^7, 4^4, 3^7, 2\})$	906080256
12	$\mathcal{O}(2; \{6^7, 4^6, 3, 2^6\})$	57065472
12	$\mathcal{O}(2; \{6^7, 4^6, 3^4, 2^2\})$	452542464
12	$\mathcal{O}(2; \{6^7, 4^8, 3, 2^3\})$	228261888
12	$\mathcal{O}(2; \{6^7, 4^{10}, 3\})$	913047552
12	$\mathcal{O}(2; \{6^8, 3^2, 2^{12}\})$	6648480
12	$\mathcal{O}(2; \{6^8, 3^5, 2^8\})$	53071200
12	$\mathcal{O}(2; \{6^8, 3^8, 2^4\})$	424686240
12	$\mathcal{O}(2; \{6^8, 3^{11}\})$	3397373280
12	$\mathcal{O}(2; \{6^8, 4^2, 3^2, 2^9\})$	14183424
12	$\mathcal{O}(2; \{6^8, 4^2, 3^5, 2^5\})$	113218560
12	$\mathcal{O}(2; \{6^8, 4^2, 3^8, 2\})$	905997312
12	$\mathcal{O}(2; \{6^8, 4^4, 3^2, 2^6\})$	56733696
12	$\mathcal{O}(2; \{6^8, 4^4, 3^5, 2^2\})$	452874240
12	$\mathcal{O}(2; \{6^8, 4^6, 3^2, 2^3\})$	226934784
12	$\mathcal{O}(2; \{6^8, 4^8, 3^2\})$	907739136
12	$\mathcal{O}(2; \{6^9, 2^{13}\})$	3304800

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^9, 3^3, 2^9\})$	26555040
12	$\mathcal{O}(2; \{6^9, 3^6, 2^5\})$	212323680
12	$\mathcal{O}(2; \{6^9, 3^9, 2\})$	1698706080
12	$\mathcal{O}(2; \{6^9, 4^2, 2^{10}\})$	7050240
12	$\mathcal{O}(2; \{6^9, 4^2, 3^3, 2^6\})$	56650752
12	$\mathcal{O}(2; \{6^9, 4^2, 3^6, 2^2\})$	452957184
12	$\mathcal{O}(2; \{6^9, 4^4, 2^7\})$	28200960
12	$\mathcal{O}(2; \{6^9, 4^4, 3^3, 2^3\})$	226603008
12	$\mathcal{O}(2; \{6^9, 4^6, 2^4\})$	112803840
12	$\mathcal{O}(2; \{6^9, 4^6, 3^3\})$	906412032
12	$\mathcal{O}(2; \{6^9, 4^8, 2\})$	451215360
12	$\mathcal{O}(2; \{6^{10}, 3, 2^{10}\})$	13258080
12	$\mathcal{O}(2; \{6^{10}, 3^4, 2^6\})$	106181280
12	$\mathcal{O}(2; \{6^{10}, 3^7, 2^2\})$	849333600
12	$\mathcal{O}(2; \{6^{10}, 4^2, 3, 2^7\})$	28283904
12	$\mathcal{O}(2; \{6^{10}, 4^2, 3^4, 2^3\})$	226520064
12	$\mathcal{O}(2; \{6^{10}, 4^4, 3, 2^4\})$	113135616
12	$\mathcal{O}(2; \{6^{10}, 4^4, 3^4\})$	906080256
12	$\mathcal{O}(2; \{6^{10}, 4^6, 3, 2\})$	452542464
12	$\mathcal{O}(2; \{6^{11}, 3^2, 2^7\})$	53071200
12	$\mathcal{O}(2; \{6^{11}, 3^5, 2^3\})$	424686240
12	$\mathcal{O}(2; \{6^{11}, 4^2, 3^2, 2^4\})$	113218560
12	$\mathcal{O}(2; \{6^{11}, 4^2, 3^5\})$	905997312
12	$\mathcal{O}(2; \{6^{11}, 4^4, 3^2, 2\})$	452874240
12	$\mathcal{O}(2; \{6^{12}, 2^8\})$	26555040
12	$\mathcal{O}(2; \{6^{12}, 3^3, 2^4\})$	212323680
12	$\mathcal{O}(2; \{6^{12}, 3^6\})$	1698706080
12	$\mathcal{O}(2; \{6^{12}, 4^2, 2^5\})$	56650752
12	$\mathcal{O}(2; \{6^{12}, 4^2, 3^3, 2\})$	452957184
12	$\mathcal{O}(2; \{6^{12}, 4^4, 2^2\})$	226603008
12	$\mathcal{O}(2; \{6^{13}, 3, 2^5\})$	106181280
12	$\mathcal{O}(2; \{6^{13}, 3^4, 2\})$	849333600
12	$\mathcal{O}(2; \{6^{13}, 4^2, 3, 2^2\})$	226520064
12	$\mathcal{O}(2; \{6^{14}, 3^2, 2^2\})$	424686240
12	$\mathcal{O}(2; \{6^{15}, 2^3\})$	212323680
12	$\mathcal{O}(2; \{6^{15}, 4^2\})$	452957184
12	$\mathcal{O}(2; \{6^{16}, 3\})$	849333600
12	$\mathcal{O}(2; \{12, 4, 3^2, 2^{22}\})$	82944
12	$\mathcal{O}(2; \{12, 4, 3^5, 2^{18}\})$	912384
12	$\mathcal{O}(2; \{12, 4, 3^8, 2^{14}\})$	7050240
12	$\mathcal{O}(2; \{12, 4, 3^{11}, 2^{10}\})$	56650752
12	$\mathcal{O}(2; \{12, 4, 3^{14}, 2^6\})$	452957184
12	$\mathcal{O}(2; \{12, 4, 3^{17}, 2^2\})$	3623906304

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 4^3, 3^2, 2^{19}\})$	331776
12	$\mathcal{O}(2; \{12, 4^3, 3^5, 2^{15}\})$	3649536
12	$\mathcal{O}(2; \{12, 4^3, 3^8, 2^{11}\})$	28200960
12	$\mathcal{O}(2; \{12, 4^3, 3^{11}, 2^7\})$	226603008
12	$\mathcal{O}(2; \{12, 4^3, 3^{14}, 2^3\})$	1811828736
12	$\mathcal{O}(2; \{12, 4^5, 3^2, 2^{16}\})$	1327104
12	$\mathcal{O}(2; \{12, 4^5, 3^5, 2^{12}\})$	14598144
12	$\mathcal{O}(2; \{12, 4^5, 3^8, 2^8\})$	112803840
12	$\mathcal{O}(2; \{12, 4^5, 3^{11}, 2^4\})$	906412032
12	$\mathcal{O}(2; \{12, 4^5, 3^{14}\})$	7247314944
12	$\mathcal{O}(2; \{12, 4^7, 3^2, 2^{13}\})$	5308416
12	$\mathcal{O}(2; \{12, 4^7, 3^5, 2^9\})$	58392576
12	$\mathcal{O}(2; \{12, 4^7, 3^8, 2^5\})$	451215360
12	$\mathcal{O}(2; \{12, 4^7, 3^{11}, 2\})$	3625648128
12	$\mathcal{O}(2; \{12, 4^9, 3^2, 2^{10}\})$	21233664
12	$\mathcal{O}(2; \{12, 4^9, 3^5, 2^6\})$	233570304
12	$\mathcal{O}(2; \{12, 4^9, 3^8, 2^2\})$	1804861440
12	$\mathcal{O}(2; \{12, 4^{11}, 3^2, 2^7\})$	84934656
12	$\mathcal{O}(2; \{12, 4^{11}, 3^5, 2^3\})$	934281216
12	$\mathcal{O}(2; \{12, 4^{13}, 3^2, 2^4\})$	339738624
12	$\mathcal{O}(2; \{12, 4^{13}, 3^5\})$	3737124864
12	$\mathcal{O}(2; \{12, 4^{15}, 3^2, 2\})$	1358954496
12	$\mathcal{O}(2; \{12, 6, 4, 2^{23}\})$	82944
12	$\mathcal{O}(2; \{12, 6, 4, 3^3, 2^{19}\})$	414720
12	$\mathcal{O}(2; \{12, 6, 4, 3^6, 2^{15}\})$	3566592
12	$\mathcal{O}(2; \{12, 6, 4, 3^9, 2^{11}\})$	28283904
12	$\mathcal{O}(2; \{12, 6, 4, 3^{12}, 2^7\})$	226520064
12	$\mathcal{O}(2; \{12, 6, 4, 3^{15}, 2^3\})$	1811911680
12	$\mathcal{O}(2; \{12, 6, 4^3, 2^{20}\})$	331776
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^3, 2^{16}\})$	1658880
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^6, 2^{12}\})$	14266368
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^9, 2^8\})$	113135616
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^{12}, 2^4\})$	906080256
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^{15}\})$	7247646720
12	$\mathcal{O}(2; \{12, 6, 4^5, 2^{17}\})$	1327104
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^3, 2^{13}\})$	6635520
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^6, 2^9\})$	57065472
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^9, 2^5\})$	452542464
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^{12}, 2\})$	3624321024
12	$\mathcal{O}(2; \{12, 6, 4^7, 2^{14}\})$	5308416
12	$\mathcal{O}(2; \{12, 6, 4^7, 3^3, 2^{10}\})$	26542080
12	$\mathcal{O}(2; \{12, 6, 4^7, 3^6, 2^6\})$	228261888
12	$\mathcal{O}(2; \{12, 6, 4^7, 3^9, 2^2\})$	1810169856

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 6, 4^9, 2^{11}\})$	21233664
12	$\mathcal{O}(2; \{12, 6, 4^9, 3^3, 2^7\})$	106168320
12	$\mathcal{O}(2; \{12, 6, 4^9, 3^6, 2^3\})$	913047552
12	$\mathcal{O}(2; \{12, 6, 4^{11}, 2^8\})$	84934656
12	$\mathcal{O}(2; \{12, 6, 4^{11}, 3^3, 2^4\})$	424673280
12	$\mathcal{O}(2; \{12, 6, 4^{11}, 3^6\})$	3652190208
12	$\mathcal{O}(2; \{12, 6, 4^{13}, 2^5\})$	339738624
12	$\mathcal{O}(2; \{12, 6, 4^{13}, 3^3, 2\})$	1698693120
12	$\mathcal{O}(2; \{12, 6, 4^{15}, 2^2\})$	1358954496
12	$\mathcal{O}(2; \{12, 6^2, 4, 3, 2^{20}\})$	248832
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^4, 2^{16}\})$	1741824
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^7, 2^{12}\})$	14183424
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^{10}, 2^8\})$	113218560
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^{13}, 2^4\})$	905997312
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^{16}\})$	7247729664
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3, 2^{17}\})$	995328
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^4, 2^{13}\})$	6967296
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^7, 2^9\})$	56733696
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^{10}, 2^5\})$	452874240
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^{13}, 2\})$	3623989248
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3, 2^{14}\})$	3981312
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3^4, 2^{10}\})$	27869184
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3^7, 2^6\})$	226934784
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3^{10}, 2^2\})$	1811496960
12	$\mathcal{O}(2; \{12, 6^2, 4^7, 3, 2^{11}\})$	15925248
12	$\mathcal{O}(2; \{12, 6^2, 4^7, 3^4, 2^7\})$	111476736
12	$\mathcal{O}(2; \{12, 6^2, 4^7, 3^7, 2^3\})$	907739136
12	$\mathcal{O}(2; \{12, 6^2, 4^9, 3, 2^8\})$	63700992
12	$\mathcal{O}(2; \{12, 6^2, 4^9, 3^4, 2^4\})$	445906944
12	$\mathcal{O}(2; \{12, 6^2, 4^9, 3^7\})$	3630956544
12	$\mathcal{O}(2; \{12, 6^2, 4^{11}, 3, 2^5\})$	254803968
12	$\mathcal{O}(2; \{12, 6^2, 4^{11}, 3^4, 2\})$	1783627776
12	$\mathcal{O}(2; \{12, 6^2, 4^{13}, 3, 2^2\})$	1019215872
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^2, 2^{17}\})$	912384
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^5, 2^{13}\})$	7050240
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^8, 2^9\})$	56650752
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^{11}, 2^5\})$	452957184
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^{14}, 2\})$	3623906304
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^2, 2^{14}\})$	3649536
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^5, 2^{10}\})$	28200960
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^8, 2^6\})$	226603008
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^{11}, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 3^2, 2^{11}\})$	14598144

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 3^5, 2^7\})$	112803840
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 3^8, 2^3\})$	906412032
12	$\mathcal{O}(2; \{12, 6^3, 4^7, 3^2, 2^8\})$	58392576
12	$\mathcal{O}(2; \{12, 6^3, 4^7, 3^5, 2^4\})$	451215360
12	$\mathcal{O}(2; \{12, 6^3, 4^7, 3^8\})$	3625648128
12	$\mathcal{O}(2; \{12, 6^3, 4^9, 3^2, 2^5\})$	233570304
12	$\mathcal{O}(2; \{12, 6^3, 4^9, 3^5, 2\})$	1804861440
12	$\mathcal{O}(2; \{12, 6^3, 4^{11}, 3^2, 2^2\})$	934281216
12	$\mathcal{O}(2; \{12, 6^4, 4, 2^{18}\})$	414720
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^3, 2^{14}\})$	3566592
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^6, 2^{10}\})$	28283904
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^9, 2^6\})$	226520064
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^{12}, 2^2\})$	1811911680
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 2^{15}\})$	1658880
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3^3, 2^{11}\})$	14266368
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3^6, 2^7\})$	113135616
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3^9, 2^3\})$	906080256
12	$\mathcal{O}(2; \{12, 6^4, 4^5, 2^{12}\})$	6635520
12	$\mathcal{O}(2; \{12, 6^4, 4^5, 3^3, 2^8\})$	57065472
12	$\mathcal{O}(2; \{12, 6^4, 4^5, 3^6, 2^4\})$	452542464
12	$\mathcal{O}(2; \{12, 6^4, 4^5, 3^9\})$	3624321024
12	$\mathcal{O}(2; \{12, 6^4, 4^7, 2^9\})$	26542080
12	$\mathcal{O}(2; \{12, 6^4, 4^7, 3^3, 2^5\})$	228261888
12	$\mathcal{O}(2; \{12, 6^4, 4^7, 3^6, 2\})$	1810169856
12	$\mathcal{O}(2; \{12, 6^4, 4^9, 2^6\})$	106168320
12	$\mathcal{O}(2; \{12, 6^4, 4^9, 3^3, 2^2\})$	913047552
12	$\mathcal{O}(2; \{12, 6^4, 4^{11}, 2^3\})$	424673280
12	$\mathcal{O}(2; \{12, 6^4, 4^{13}\})$	1698693120
12	$\mathcal{O}(2; \{12, 6^5, 4, 3, 2^{15}\})$	1741824
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^4, 2^{11}\})$	14183424
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^7, 2^7\})$	113218560
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^{10}, 2^3\})$	905997312
12	$\mathcal{O}(2; \{12, 6^5, 4^3, 3, 2^{12}\})$	6967296
12	$\mathcal{O}(2; \{12, 6^5, 4^3, 3^4, 2^8\})$	56733696
12	$\mathcal{O}(2; \{12, 6^5, 4^3, 3^7, 2^4\})$	452874240
12	$\mathcal{O}(2; \{12, 6^5, 4^3, 3^{10}\})$	3623989248
12	$\mathcal{O}(2; \{12, 6^5, 4^5, 3, 2^9\})$	27869184
12	$\mathcal{O}(2; \{12, 6^5, 4^5, 3^4, 2^5\})$	226934784
12	$\mathcal{O}(2; \{12, 6^5, 4^5, 3^7, 2\})$	1811496960
12	$\mathcal{O}(2; \{12, 6^5, 4^7, 3, 2^6\})$	111476736
12	$\mathcal{O}(2; \{12, 6^5, 4^7, 3^4, 2^2\})$	907739136
12	$\mathcal{O}(2; \{12, 6^5, 4^9, 3, 2^3\})$	445906944
12	$\mathcal{O}(2; \{12, 6^5, 4^{11}, 3\})$	1783627776

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 6^6, 4, 3^2, 2^{12}\})$	7050240
12	$\mathcal{O}(2; \{12, 6^6, 4, 3^5, 2^8\})$	56650752
12	$\mathcal{O}(2; \{12, 6^6, 4, 3^8, 2^4\})$	452957184
12	$\mathcal{O}(2; \{12, 6^6, 4, 3^{11}\})$	3623906304
12	$\mathcal{O}(2; \{12, 6^6, 4^3, 3^2, 2^9\})$	28200960
12	$\mathcal{O}(2; \{12, 6^6, 4^3, 3^5, 2^5\})$	226603008
12	$\mathcal{O}(2; \{12, 6^6, 4^3, 3^8, 2\})$	1811828736
12	$\mathcal{O}(2; \{12, 6^6, 4^5, 3^2, 2^6\})$	112803840
12	$\mathcal{O}(2; \{12, 6^6, 4^5, 3^5, 2^2\})$	906412032
12	$\mathcal{O}(2; \{12, 6^6, 4^7, 3^2, 2^3\})$	451215360
12	$\mathcal{O}(2; \{12, 6^6, 4^9, 3^2\})$	1804861440
12	$\mathcal{O}(2; \{12, 6^7, 4, 2^{13}\})$	3566592
12	$\mathcal{O}(2; \{12, 6^7, 4, 3^3, 2^9\})$	28283904
12	$\mathcal{O}(2; \{12, 6^7, 4, 3^6, 2^5\})$	226520064
12	$\mathcal{O}(2; \{12, 6^7, 4, 3^9, 2\})$	1811911680
12	$\mathcal{O}(2; \{12, 6^7, 4^3, 2^{10}\})$	14266368
12	$\mathcal{O}(2; \{12, 6^7, 4^3, 3^3, 2^6\})$	113135616
12	$\mathcal{O}(2; \{12, 6^7, 4^3, 3^6, 2^2\})$	906080256
12	$\mathcal{O}(2; \{12, 6^7, 4^5, 2^7\})$	57065472
12	$\mathcal{O}(2; \{12, 6^7, 4^5, 3^3, 2^3\})$	452542464
12	$\mathcal{O}(2; \{12, 6^7, 4^7, 2^4\})$	228261888
12	$\mathcal{O}(2; \{12, 6^7, 4^7, 3^3\})$	1810169856
12	$\mathcal{O}(2; \{12, 6^7, 4^9, 2\})$	913047552
12	$\mathcal{O}(2; \{12, 6^8, 4, 3, 2^{10}\})$	14183424
12	$\mathcal{O}(2; \{12, 6^8, 4, 3^4, 2^6\})$	113218560
12	$\mathcal{O}(2; \{12, 6^8, 4, 3^7, 2^2\})$	905997312
12	$\mathcal{O}(2; \{12, 6^8, 4^3, 3, 2^7\})$	56733696
12	$\mathcal{O}(2; \{12, 6^8, 4^3, 3^4, 2^3\})$	452874240
12	$\mathcal{O}(2; \{12, 6^8, 4^5, 3, 2^4\})$	226934784
12	$\mathcal{O}(2; \{12, 6^8, 4^5, 3^4\})$	1811496960
12	$\mathcal{O}(2; \{12, 6^8, 4^7, 3, 2\})$	907739136
12	$\mathcal{O}(2; \{12, 6^9, 4, 3^2, 2^7\})$	56650752
12	$\mathcal{O}(2; \{12, 6^9, 4, 3^5, 2^3\})$	452957184
12	$\mathcal{O}(2; \{12, 6^9, 4^3, 3^2, 2^4\})$	226603008
12	$\mathcal{O}(2; \{12, 6^9, 4^3, 3^5\})$	1811828736
12	$\mathcal{O}(2; \{12, 6^9, 4^5, 3^2, 2\})$	906412032
12	$\mathcal{O}(2; \{12, 6^{10}, 4, 2^8\})$	28283904
12	$\mathcal{O}(2; \{12, 6^{10}, 4, 3^3, 2^4\})$	226520064
12	$\mathcal{O}(2; \{12, 6^{10}, 4, 3^6\})$	1811911680
12	$\mathcal{O}(2; \{12, 6^{10}, 4^3, 2^5\})$	113135616
12	$\mathcal{O}(2; \{12, 6^{10}, 4^3, 3^3, 2\})$	906080256
12	$\mathcal{O}(2; \{12, 6^{10}, 4^5, 2^2\})$	452542464
12	$\mathcal{O}(2; \{12, 6^{11}, 4, 3, 2^5\})$	113218560

Continued on next page

Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 6^{11}, 4, 3^4, 2\})$	905997312
12	$\mathcal{O}(2; \{12, 6^{11}, 4^3, 3, 2^2\})$	452874240
12	$\mathcal{O}(2; \{12, 6^{12}, 4, 3^2, 2^2\})$	452957184
12	$\mathcal{O}(2; \{12, 6^{13}, 4, 2^3\})$	226520064
12	$\mathcal{O}(2; \{12, 6^{13}, 4^3\})$	906080256
12	$\mathcal{O}(2; \{12, 6^{14}, 4, 3\})$	905997312
12	$\mathcal{O}(2; \{12^2, 3, 2^{23}\})$	82944
12	$\mathcal{O}(2; \{12^2, 3^4, 2^{19}\})$	912384
12	$\mathcal{O}(2; \{12^2, 3^7, 2^{15}\})$	7050240
12	$\mathcal{O}(2; \{12^2, 3^{10}, 2^{11}\})$	56650752
12	$\mathcal{O}(2; \{12^2, 3^{13}, 2^7\})$	452957184
12	$\mathcal{O}(2; \{12^2, 3^{16}, 2^3\})$	3623906304
12	$\mathcal{O}(2; \{12^2, 4^2, 3, 2^{20}\})$	331776
12	$\mathcal{O}(2; \{12^2, 4^2, 3^4, 2^{16}\})$	3649536
12	$\mathcal{O}(2; \{12^2, 4^2, 3^7, 2^{12}\})$	28200960
12	$\mathcal{O}(2; \{12^2, 4^2, 3^{10}, 2^8\})$	226603008
12	$\mathcal{O}(2; \{12^2, 4^2, 3^{13}, 2^4\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 4^2, 3^{16}\})$	14495625216
12	$\mathcal{O}(2; \{12^2, 4^4, 3, 2^{17}\})$	1327104
12	$\mathcal{O}(2; \{12^2, 4^4, 3^4, 2^{13}\})$	14598144
12	$\mathcal{O}(2; \{12^2, 4^4, 3^7, 2^9\})$	112803840
12	$\mathcal{O}(2; \{12^2, 4^4, 3^{10}, 2^5\})$	906412032
12	$\mathcal{O}(2; \{12^2, 4^4, 3^{13}, 2\})$	7247314944
12	$\mathcal{O}(2; \{12^2, 4^6, 3, 2^{14}\})$	5308416
12	$\mathcal{O}(2; \{12^2, 4^6, 3^4, 2^{10}\})$	58392576
12	$\mathcal{O}(2; \{12^2, 4^6, 3^7, 2^6\})$	451215360
12	$\mathcal{O}(2; \{12^2, 4^6, 3^{10}, 2^2\})$	3625648128
12	$\mathcal{O}(2; \{12^2, 4^8, 3, 2^{11}\})$	21233664
12	$\mathcal{O}(2; \{12^2, 4^8, 3^4, 2^7\})$	233570304
12	$\mathcal{O}(2; \{12^2, 4^8, 3^7, 2^3\})$	1804861440
12	$\mathcal{O}(2; \{12^2, 4^{10}, 3, 2^8\})$	84934656
12	$\mathcal{O}(2; \{12^2, 4^{10}, 3^4, 2^4\})$	934281216
12	$\mathcal{O}(2; \{12^2, 4^{10}, 3^7\})$	7219445760
12	$\mathcal{O}(2; \{12^2, 4^{12}, 3, 2^5\})$	339738624
12	$\mathcal{O}(2; \{12^2, 4^{12}, 3^4, 2\})$	3737124864
12	$\mathcal{O}(2; \{12^2, 4^{14}, 3, 2^2\})$	1358954496
12	$\mathcal{O}(2; \{12^2, 6, 3^2, 2^{20}\})$	414720
12	$\mathcal{O}(2; \{12^2, 6, 3^5, 2^{16}\})$	3566592
12	$\mathcal{O}(2; \{12^2, 6, 3^8, 2^{12}\})$	28283904
12	$\mathcal{O}(2; \{12^2, 6, 3^{11}, 2^8\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6, 3^{14}, 2^4\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6, 3^{17}\})$	14495542272
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^2, 2^{17}\})$	1658880

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^5, 2^{13}\})$	14266368
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^8, 2^9\})$	113135616
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^{11}, 2^5\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^{14}, 2\})$	7247646720
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^2, 2^{14}\})$	6635520
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^5, 2^{10}\})$	57065472
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^8, 2^6\})$	452542464
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^{11}, 2^2\})$	3624321024
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 3^2, 2^{11}\})$	26542080
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 3^5, 2^7\})$	228261888
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 3^8, 2^3\})$	1810169856
12	$\mathcal{O}(2; \{12^2, 6, 4^8, 3^2, 2^8\})$	106168320
12	$\mathcal{O}(2; \{12^2, 6, 4^8, 3^5, 2^4\})$	913047552
12	$\mathcal{O}(2; \{12^2, 6, 4^8, 3^8\})$	7240679424
12	$\mathcal{O}(2; \{12^2, 6, 4^{10}, 3^2, 2^5\})$	424673280
12	$\mathcal{O}(2; \{12^2, 6, 4^{10}, 3^5, 2\})$	3652190208
12	$\mathcal{O}(2; \{12^2, 6, 4^{12}, 3^2, 2^2\})$	1698693120
12	$\mathcal{O}(2; \{12^2, 6^2, 2^{21}\})$	248832
12	$\mathcal{O}(2; \{12^2, 6^2, 3^3, 2^{17}\})$	1741824
12	$\mathcal{O}(2; \{12^2, 6^2, 3^6, 2^{13}\})$	14183424
12	$\mathcal{O}(2; \{12^2, 6^2, 3^9, 2^9\})$	113218560
12	$\mathcal{O}(2; \{12^2, 6^2, 3^{12}, 2^5\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^2, 3^{15}, 2\})$	7247729664
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 2^{18}\})$	995328
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^3, 2^{14}\})$	6967296
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^6, 2^{10}\})$	56733696
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^9, 2^6\})$	452874240
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^{12}, 2^2\})$	3623989248
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 2^{15}\})$	3981312
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3^3, 2^{11}\})$	27869184
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3^6, 2^7\})$	226934784
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3^9, 2^3\})$	1811496960
12	$\mathcal{O}(2; \{12^2, 6^2, 4^6, 2^{12}\})$	15925248
12	$\mathcal{O}(2; \{12^2, 6^2, 4^6, 3^3, 2^8\})$	111476736
12	$\mathcal{O}(2; \{12^2, 6^2, 4^6, 3^6, 2^4\})$	907739136
12	$\mathcal{O}(2; \{12^2, 6^2, 4^6, 3^9\})$	7245987840
12	$\mathcal{O}(2; \{12^2, 6^2, 4^8, 2^9\})$	63700992
12	$\mathcal{O}(2; \{12^2, 6^2, 4^8, 3^3, 2^5\})$	445906944
12	$\mathcal{O}(2; \{12^2, 6^2, 4^8, 3^6, 2\})$	3630956544
12	$\mathcal{O}(2; \{12^2, 6^2, 4^{10}, 2^6\})$	254803968
12	$\mathcal{O}(2; \{12^2, 6^2, 4^{10}, 3^3, 2^2\})$	1783627776
12	$\mathcal{O}(2; \{12^2, 6^2, 4^{12}, 2^3\})$	1019215872
12	$\mathcal{O}(2; \{12^2, 6^2, 4^{14}\})$	4076863488

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 6^3, 3, 2^{18}\})$	912384
12	$\mathcal{O}(2; \{12^2, 6^3, 3^4, 2^{14}\})$	7050240
12	$\mathcal{O}(2; \{12^2, 6^3, 3^7, 2^{10}\})$	56650752
12	$\mathcal{O}(2; \{12^2, 6^3, 3^{10}, 2^6\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^3, 3^{13}, 2^2\})$	3623906304
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3, 2^{15}\})$	3649536
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^4, 2^{11}\})$	28200960
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^7, 2^7\})$	226603008
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^{10}, 2^3\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6^3, 4^4, 3, 2^{12}\})$	14598144
12	$\mathcal{O}(2; \{12^2, 6^3, 4^4, 3^4, 2^8\})$	112803840
12	$\mathcal{O}(2; \{12^2, 6^3, 4^4, 3^7, 2^4\})$	906412032
12	$\mathcal{O}(2; \{12^2, 6^3, 4^4, 3^{10}\})$	7247314944
12	$\mathcal{O}(2; \{12^2, 6^3, 4^6, 3, 2^9\})$	58392576
12	$\mathcal{O}(2; \{12^2, 6^3, 4^6, 3^4, 2^5\})$	451215360
12	$\mathcal{O}(2; \{12^2, 6^3, 4^6, 3^7, 2\})$	3625648128
12	$\mathcal{O}(2; \{12^2, 6^3, 4^8, 3, 2^6\})$	233570304
12	$\mathcal{O}(2; \{12^2, 6^3, 4^8, 3^4, 2^2\})$	1804861440
12	$\mathcal{O}(2; \{12^2, 6^3, 4^{10}, 3, 2^3\})$	934281216
12	$\mathcal{O}(2; \{12^2, 6^3, 4^{12}, 3\})$	3737124864
12	$\mathcal{O}(2; \{12^2, 6^4, 3^2, 2^{15}\})$	3566592
12	$\mathcal{O}(2; \{12^2, 6^4, 3^5, 2^{11}\})$	28283904
12	$\mathcal{O}(2; \{12^2, 6^4, 3^8, 2^7\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^4, 3^{11}, 2^3\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 3^2, 2^{12}\})$	14266368
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 3^5, 2^8\})$	113135616
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 3^8, 2^4\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 3^{11}\})$	7247646720
12	$\mathcal{O}(2; \{12^2, 6^4, 4^4, 3^2, 2^9\})$	57065472
12	$\mathcal{O}(2; \{12^2, 6^4, 4^4, 3^5, 2^5\})$	452542464
12	$\mathcal{O}(2; \{12^2, 6^4, 4^4, 3^8, 2\})$	3624321024
12	$\mathcal{O}(2; \{12^2, 6^4, 4^6, 3^2, 2^6\})$	228261888
12	$\mathcal{O}(2; \{12^2, 6^4, 4^6, 3^5, 2^2\})$	1810169856
12	$\mathcal{O}(2; \{12^2, 6^4, 4^8, 3^2, 2^3\})$	913047552
12	$\mathcal{O}(2; \{12^2, 6^4, 4^{10}, 3^2\})$	3652190208
12	$\mathcal{O}(2; \{12^2, 6^5, 2^{16}\})$	1741824
12	$\mathcal{O}(2; \{12^2, 6^5, 3^3, 2^{12}\})$	14183424
12	$\mathcal{O}(2; \{12^2, 6^5, 3^6, 2^8\})$	113218560
12	$\mathcal{O}(2; \{12^2, 6^5, 3^9, 2^4\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^5, 3^{12}\})$	7247729664
12	$\mathcal{O}(2; \{12^2, 6^5, 4^2, 2^{13}\})$	6967296
12	$\mathcal{O}(2; \{12^2, 6^5, 4^2, 3^3, 2^9\})$	56733696
12	$\mathcal{O}(2; \{12^2, 6^5, 4^2, 3^6, 2^5\})$	452874240

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 6^5, 4^2, 3^9, 2\})$	3623989248
12	$\mathcal{O}(2; \{12^2, 6^5, 4^4, 2^{10}\})$	27869184
12	$\mathcal{O}(2; \{12^2, 6^5, 4^4, 3^3, 2^6\})$	226934784
12	$\mathcal{O}(2; \{12^2, 6^5, 4^4, 3^6, 2^2\})$	1811496960
12	$\mathcal{O}(2; \{12^2, 6^5, 4^6, 2^7\})$	111476736
12	$\mathcal{O}(2; \{12^2, 6^5, 4^6, 3^3, 2^3\})$	907739136
12	$\mathcal{O}(2; \{12^2, 6^5, 4^8, 2^4\})$	445906944
12	$\mathcal{O}(2; \{12^2, 6^5, 4^8, 3^3\})$	3630956544
12	$\mathcal{O}(2; \{12^2, 6^5, 4^{10}, 2\})$	1783627776
12	$\mathcal{O}(2; \{12^2, 6^6, 3, 2^{13}\})$	7050240
12	$\mathcal{O}(2; \{12^2, 6^6, 3^4, 2^9\})$	56650752
12	$\mathcal{O}(2; \{12^2, 6^6, 3^7, 2^5\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^6, 3^{10}, 2\})$	3623906304
12	$\mathcal{O}(2; \{12^2, 6^6, 4^2, 3, 2^{10}\})$	28200960
12	$\mathcal{O}(2; \{12^2, 6^6, 4^2, 3^4, 2^6\})$	226603008
12	$\mathcal{O}(2; \{12^2, 6^6, 4^2, 3^7, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6^6, 4^4, 3, 2^7\})$	112803840
12	$\mathcal{O}(2; \{12^2, 6^6, 4^4, 3^4, 2^3\})$	906412032
12	$\mathcal{O}(2; \{12^2, 6^6, 4^6, 3, 2^4\})$	451215360
12	$\mathcal{O}(2; \{12^2, 6^6, 4^6, 3^4\})$	3625648128
12	$\mathcal{O}(2; \{12^2, 6^6, 4^8, 3, 2\})$	1804861440
12	$\mathcal{O}(2; \{12^2, 6^7, 3^2, 2^{10}\})$	28283904
12	$\mathcal{O}(2; \{12^2, 6^7, 3^5, 2^6\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^7, 3^8, 2^2\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6^7, 4^2, 3^2, 2^7\})$	113135616
12	$\mathcal{O}(2; \{12^2, 6^7, 4^2, 3^5, 2^3\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^7, 4^4, 3^2, 2^4\})$	452542464
12	$\mathcal{O}(2; \{12^2, 6^7, 4^4, 3^5\})$	3624321024
12	$\mathcal{O}(2; \{12^2, 6^7, 4^6, 3^2, 2\})$	1810169856
12	$\mathcal{O}(2; \{12^2, 6^8, 2^{11}\})$	14183424
12	$\mathcal{O}(2; \{12^2, 6^8, 3^3, 2^7\})$	113218560
12	$\mathcal{O}(2; \{12^2, 6^8, 3^6, 2^3\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^8, 4^2, 2^8\})$	56733696
12	$\mathcal{O}(2; \{12^2, 6^8, 4^2, 3^3, 2^4\})$	452874240
12	$\mathcal{O}(2; \{12^2, 6^8, 4^2, 3^6\})$	3623989248
12	$\mathcal{O}(2; \{12^2, 6^8, 4^4, 2^5\})$	226934784
12	$\mathcal{O}(2; \{12^2, 6^8, 4^4, 3^3, 2\})$	1811496960
12	$\mathcal{O}(2; \{12^2, 6^8, 4^6, 2^2\})$	907739136
12	$\mathcal{O}(2; \{12^2, 6^9, 3, 2^8\})$	56650752
12	$\mathcal{O}(2; \{12^2, 6^9, 3^4, 2^4\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^9, 3^7\})$	3623906304
12	$\mathcal{O}(2; \{12^2, 6^9, 4^2, 3, 2^5\})$	226603008
12	$\mathcal{O}(2; \{12^2, 6^9, 4^2, 3^4, 2\})$	1811828736

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 6^9, 4^4, 3, 2^2\})$	906412032
12	$\mathcal{O}(2; \{12^2, 6^{10}, 3^2, 2^5\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^{10}, 3^5, 2\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6^{10}, 4^2, 3^2, 2^2\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^{11}, 2^6\})$	113218560
12	$\mathcal{O}(2; \{12^2, 6^{11}, 3^3, 2^2\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^{11}, 4^2, 2^3\})$	452874240
12	$\mathcal{O}(2; \{12^2, 6^{11}, 4^4\})$	1811496960
12	$\mathcal{O}(2; \{12^2, 6^{12}, 3, 2^3\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^{12}, 4^2, 3\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6^{13}, 3^2\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6^{14}, 2\})$	905997312
12	$\mathcal{O}(2; \{12^3, 4, 2^{21}\})$	331776
12	$\mathcal{O}(2; \{12^3, 4, 3^3, 2^{17}\})$	3649536
12	$\mathcal{O}(2; \{12^3, 4, 3^6, 2^{13}\})$	28200960
12	$\mathcal{O}(2; \{12^3, 4, 3^9, 2^9\})$	226603008
12	$\mathcal{O}(2; \{12^3, 4, 3^{12}, 2^5\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 4, 3^{15}, 2\})$	14495625216
12	$\mathcal{O}(2; \{12^3, 4^3, 2^{18}\})$	1327104
12	$\mathcal{O}(2; \{12^3, 4^3, 3^3, 2^{14}\})$	14598144
12	$\mathcal{O}(2; \{12^3, 4^3, 3^6, 2^{10}\})$	112803840
12	$\mathcal{O}(2; \{12^3, 4^3, 3^9, 2^6\})$	906412032
12	$\mathcal{O}(2; \{12^3, 4^3, 3^{12}, 2^2\})$	7247314944
12	$\mathcal{O}(2; \{12^3, 4^5, 2^{15}\})$	5308416
12	$\mathcal{O}(2; \{12^3, 4^5, 3^3, 2^{11}\})$	58392576
12	$\mathcal{O}(2; \{12^3, 4^5, 3^6, 2^7\})$	451215360
12	$\mathcal{O}(2; \{12^3, 4^5, 3^9, 2^3\})$	3625648128
12	$\mathcal{O}(2; \{12^3, 4^7, 2^{12}\})$	21233664
12	$\mathcal{O}(2; \{12^3, 4^7, 3^3, 2^8\})$	233570304
12	$\mathcal{O}(2; \{12^3, 4^7, 3^6, 2^4\})$	1804861440
12	$\mathcal{O}(2; \{12^3, 4^7, 3^9\})$	14502592512
12	$\mathcal{O}(2; \{12^3, 4^9, 2^9\})$	84934656
12	$\mathcal{O}(2; \{12^3, 4^9, 3^3, 2^5\})$	934281216
12	$\mathcal{O}(2; \{12^3, 4^9, 3^6, 2\})$	7219445760
12	$\mathcal{O}(2; \{12^3, 4^{11}, 2^6\})$	339738624
12	$\mathcal{O}(2; \{12^3, 4^{11}, 3^3, 2^2\})$	3737124864
12	$\mathcal{O}(2; \{12^3, 4^{13}, 2^3\})$	1358954496
12	$\mathcal{O}(2; \{12^3, 4^{15}\})$	5435817984
12	$\mathcal{O}(2; \{12^3, 6, 4, 3, 2^{18}\})$	1658880
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^4, 2^{14}\})$	14266368
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^7, 2^{10}\})$	113135616
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^{10}, 2^6\})$	906080256
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^{13}, 2^2\})$	7247646720

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3, 2^{15}\})$	6635520
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^4, 2^{11}\})$	57065472
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^7, 2^7\})$	452542464
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^{10}, 2^3\})$	3624321024
12	$\mathcal{O}(2; \{12^3, 6, 4^5, 3, 2^{12}\})$	26542080
12	$\mathcal{O}(2; \{12^3, 6, 4^5, 3^4, 2^8\})$	228261888
12	$\mathcal{O}(2; \{12^3, 6, 4^5, 3^7, 2^4\})$	1810169856
12	$\mathcal{O}(2; \{12^3, 6, 4^5, 3^{10}\})$	14497284096
12	$\mathcal{O}(2; \{12^3, 6, 4^7, 3, 2^9\})$	106168320
12	$\mathcal{O}(2; \{12^3, 6, 4^7, 3^4, 2^5\})$	913047552
12	$\mathcal{O}(2; \{12^3, 6, 4^7, 3^7, 2\})$	7240679424
12	$\mathcal{O}(2; \{12^3, 6, 4^9, 3, 2^6\})$	424673280
12	$\mathcal{O}(2; \{12^3, 6, 4^9, 3^4, 2^2\})$	3652190208
12	$\mathcal{O}(2; \{12^3, 6, 4^{11}, 3, 2^3\})$	1698693120
12	$\mathcal{O}(2; \{12^3, 6, 4^{13}, 3\})$	6794772480
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^2, 2^{15}\})$	6967296
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^5, 2^{11}\})$	56733696
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^8, 2^7\})$	452874240
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^{11}, 2^3\})$	3623989248
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 3^2, 2^{12}\})$	27869184
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 3^5, 2^8\})$	226934784
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 3^8, 2^4\})$	1811496960
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 3^{11}\})$	14495956992
12	$\mathcal{O}(2; \{12^3, 6^2, 4^5, 3^2, 2^9\})$	111476736
12	$\mathcal{O}(2; \{12^3, 6^2, 4^5, 3^5, 2^5\})$	907739136
12	$\mathcal{O}(2; \{12^3, 6^2, 4^5, 3^8, 2\})$	7245987840
12	$\mathcal{O}(2; \{12^3, 6^2, 4^7, 3^2, 2^6\})$	445906944
12	$\mathcal{O}(2; \{12^3, 6^2, 4^7, 3^5, 2^2\})$	3630956544
12	$\mathcal{O}(2; \{12^3, 6^2, 4^9, 3^2, 2^3\})$	1783627776
12	$\mathcal{O}(2; \{12^3, 6^2, 4^{11}, 3^2\})$	7134511104
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 2^{16}\})$	3649536
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3^3, 2^{12}\})$	28200960
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3^6, 2^8\})$	226603008
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3^9, 2^4\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3^{12}\})$	14495625216
12	$\mathcal{O}(2; \{12^3, 6^3, 4^3, 2^{13}\})$	14598144
12	$\mathcal{O}(2; \{12^3, 6^3, 4^3, 3^3, 2^9\})$	112803840
12	$\mathcal{O}(2; \{12^3, 6^3, 4^3, 3^6, 2^5\})$	906412032
12	$\mathcal{O}(2; \{12^3, 6^3, 4^3, 3^9, 2\})$	7247314944
12	$\mathcal{O}(2; \{12^3, 6^3, 4^5, 2^{10}\})$	58392576
12	$\mathcal{O}(2; \{12^3, 6^3, 4^5, 3^3, 2^6\})$	451215360
12	$\mathcal{O}(2; \{12^3, 6^3, 4^5, 3^6, 2^2\})$	3625648128
12	$\mathcal{O}(2; \{12^3, 6^3, 4^7, 2^7\})$	233570304

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^3, 6^3, 4^7, 3^3, 2^3\})$	1804861440
12	$\mathcal{O}(2; \{12^3, 6^3, 4^9, 2^4\})$	934281216
12	$\mathcal{O}(2; \{12^3, 6^3, 4^9, 3^3\})$	7219445760
12	$\mathcal{O}(2; \{12^3, 6^3, 4^{11}, 2\})$	3737124864
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 3, 2^{13}\})$	14266368
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 3^4, 2^9\})$	113135616
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 3^7, 2^5\})$	906080256
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 3^{10}, 2\})$	7247646720
12	$\mathcal{O}(2; \{12^3, 6^4, 4^3, 3, 2^{10}\})$	57065472
12	$\mathcal{O}(2; \{12^3, 6^4, 4^3, 3^4, 2^6\})$	452542464
12	$\mathcal{O}(2; \{12^3, 6^4, 4^3, 3^7, 2^2\})$	3624321024
12	$\mathcal{O}(2; \{12^3, 6^4, 4^5, 3, 2^7\})$	228261888
12	$\mathcal{O}(2; \{12^3, 6^4, 4^5, 3^4, 2^3\})$	1810169856
12	$\mathcal{O}(2; \{12^3, 6^4, 4^7, 3, 2^4\})$	913047552
12	$\mathcal{O}(2; \{12^3, 6^4, 4^7, 3^4\})$	7240679424
12	$\mathcal{O}(2; \{12^3, 6^4, 4^9, 3, 2\})$	3652190208
12	$\mathcal{O}(2; \{12^3, 6^5, 4, 3^2, 2^{10}\})$	56733696
12	$\mathcal{O}(2; \{12^3, 6^5, 4, 3^5, 2^6\})$	452874240
12	$\mathcal{O}(2; \{12^3, 6^5, 4, 3^8, 2^2\})$	3623989248
12	$\mathcal{O}(2; \{12^3, 6^5, 4^3, 3^2, 2^7\})$	226934784
12	$\mathcal{O}(2; \{12^3, 6^5, 4^3, 3^5, 2^3\})$	1811496960
12	$\mathcal{O}(2; \{12^3, 6^5, 4^5, 3^2, 2^4\})$	907739136
12	$\mathcal{O}(2; \{12^3, 6^5, 4^5, 3^5\})$	7245987840
12	$\mathcal{O}(2; \{12^3, 6^5, 4^7, 3^2, 2\})$	3630956544
12	$\mathcal{O}(2; \{12^3, 6^6, 4, 2^{11}\})$	28200960
12	$\mathcal{O}(2; \{12^3, 6^6, 4, 3^3, 2^7\})$	226603008
12	$\mathcal{O}(2; \{12^3, 6^6, 4, 3^6, 2^3\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 6^6, 4^3, 2^8\})$	112803840
12	$\mathcal{O}(2; \{12^3, 6^6, 4^3, 3^3, 2^4\})$	906412032
12	$\mathcal{O}(2; \{12^3, 6^6, 4^3, 3^6\})$	7247314944
12	$\mathcal{O}(2; \{12^3, 6^6, 4^5, 2^5\})$	451215360
12	$\mathcal{O}(2; \{12^3, 6^6, 4^5, 3^3, 2\})$	3625648128
12	$\mathcal{O}(2; \{12^3, 6^6, 4^7, 2^2\})$	1804861440
12	$\mathcal{O}(2; \{12^3, 6^7, 4, 3, 2^8\})$	113135616
12	$\mathcal{O}(2; \{12^3, 6^7, 4, 3^4, 2^4\})$	906080256
12	$\mathcal{O}(2; \{12^3, 6^7, 4, 3^7\})$	7247646720
12	$\mathcal{O}(2; \{12^3, 6^7, 4^3, 3, 2^5\})$	452542464
12	$\mathcal{O}(2; \{12^3, 6^7, 4^3, 3^4, 2\})$	3624321024
12	$\mathcal{O}(2; \{12^3, 6^7, 4^5, 3, 2^2\})$	1810169856
12	$\mathcal{O}(2; \{12^3, 6^8, 4, 3^2, 2^5\})$	452874240
12	$\mathcal{O}(2; \{12^3, 6^8, 4, 3^5, 2\})$	3623989248
12	$\mathcal{O}(2; \{12^3, 6^8, 4^3, 3^2, 2^2\})$	1811496960
12	$\mathcal{O}(2; \{12^3, 6^9, 4, 2^6\})$	226603008

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^3, 6^9, 4, 3^3, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 6^9, 4^3, 2^3\})$	906412032
12	$\mathcal{O}(2; \{12^3, 6^9, 4^5\})$	3625648128
12	$\mathcal{O}(2; \{12^3, 6^{10}, 4, 3, 2^3\})$	906080256
12	$\mathcal{O}(2; \{12^3, 6^{10}, 4^3, 3\})$	3624321024
12	$\mathcal{O}(2; \{12^3, 6^{11}, 4, 3^2\})$	3623989248
12	$\mathcal{O}(2; \{12^3, 6^{12}, 4, 2\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 3^2, 2^{18}\})$	3649536
12	$\mathcal{O}(2; \{12^4, 3^5, 2^{14}\})$	28200960
12	$\mathcal{O}(2; \{12^4, 3^8, 2^{10}\})$	226603008
12	$\mathcal{O}(2; \{12^4, 3^{11}, 2^6\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 3^{14}, 2^2\})$	14495625216
12	$\mathcal{O}(2; \{12^4, 4^2, 3^2, 2^{15}\})$	14598144
12	$\mathcal{O}(2; \{12^4, 4^2, 3^5, 2^{11}\})$	112803840
12	$\mathcal{O}(2; \{12^4, 4^2, 3^8, 2^7\})$	906412032
12	$\mathcal{O}(2; \{12^4, 4^2, 3^{11}, 2^3\})$	7247314944
12	$\mathcal{O}(2; \{12^4, 4^4, 3^2, 2^{12}\})$	58392576
12	$\mathcal{O}(2; \{12^4, 4^4, 3^5, 2^8\})$	451215360
12	$\mathcal{O}(2; \{12^4, 4^4, 3^8, 2^4\})$	3625648128
12	$\mathcal{O}(2; \{12^4, 4^4, 3^{11}\})$	28989259776
12	$\mathcal{O}(2; \{12^4, 4^6, 3^2, 2^9\})$	233570304
12	$\mathcal{O}(2; \{12^4, 4^6, 3^5, 2^5\})$	1804861440
12	$\mathcal{O}(2; \{12^4, 4^6, 3^8, 2\})$	14502592512
12	$\mathcal{O}(2; \{12^4, 4^8, 3^2, 2^6\})$	934281216
12	$\mathcal{O}(2; \{12^4, 4^8, 3^5, 2^2\})$	7219445760
12	$\mathcal{O}(2; \{12^4, 4^{10}, 3^2, 2^3\})$	3737124864
12	$\mathcal{O}(2; \{12^4, 4^{12}, 3^2\})$	14948499456
12	$\mathcal{O}(2; \{12^4, 6, 2^{19}\})$	1658880
12	$\mathcal{O}(2; \{12^4, 6, 3^3, 2^{15}\})$	14266368
12	$\mathcal{O}(2; \{12^4, 6, 3^6, 2^{11}\})$	113135616
12	$\mathcal{O}(2; \{12^4, 6, 3^9, 2^7\})$	906080256
12	$\mathcal{O}(2; \{12^4, 6, 3^{12}, 2^3\})$	7247646720
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 2^{16}\})$	6635520
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3^3, 2^{12}\})$	57065472
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3^6, 2^8\})$	452542464
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3^9, 2^4\})$	3624321024
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3^{12}\})$	28990586880
12	$\mathcal{O}(2; \{12^4, 6, 4^4, 2^{13}\})$	26542080
12	$\mathcal{O}(2; \{12^4, 6, 4^4, 3^3, 2^9\})$	228261888
12	$\mathcal{O}(2; \{12^4, 6, 4^4, 3^6, 2^5\})$	1810169856
12	$\mathcal{O}(2; \{12^4, 6, 4^4, 3^9, 2\})$	14497284096
12	$\mathcal{O}(2; \{12^4, 6, 4^6, 2^{10}\})$	106168320
12	$\mathcal{O}(2; \{12^4, 6, 4^6, 3^3, 2^6\})$	913047552

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^4, 6, 4^6, 3^6, 2^2\})$	7240679424
12	$\mathcal{O}(2; \{12^4, 6, 4^8, 2^7\})$	424673280
12	$\mathcal{O}(2; \{12^4, 6, 4^8, 3^3, 2^3\})$	3652190208
12	$\mathcal{O}(2; \{12^4, 6, 4^{10}, 2^4\})$	1698693120
12	$\mathcal{O}(2; \{12^4, 6, 4^{10}, 3^3\})$	14608760832
12	$\mathcal{O}(2; \{12^4, 6, 4^{12}, 2\})$	6794772480
12	$\mathcal{O}(2; \{12^4, 6^2, 3, 2^{16}\})$	6967296
12	$\mathcal{O}(2; \{12^4, 6^2, 3^4, 2^{12}\})$	56733696
12	$\mathcal{O}(2; \{12^4, 6^2, 3^7, 2^8\})$	452874240
12	$\mathcal{O}(2; \{12^4, 6^2, 3^{10}, 2^4\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 6^2, 3^{13}\})$	28990918656
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 3, 2^{13}\})$	27869184
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 3^4, 2^9\})$	226934784
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 3^7, 2^5\})$	1811496960
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 3^{10}, 2\})$	14495956992
12	$\mathcal{O}(2; \{12^4, 6^2, 4^4, 3, 2^{10}\})$	111476736
12	$\mathcal{O}(2; \{12^4, 6^2, 4^4, 3^4, 2^6\})$	907739136
12	$\mathcal{O}(2; \{12^4, 6^2, 4^4, 3^7, 2^2\})$	7245987840
12	$\mathcal{O}(2; \{12^4, 6^2, 4^6, 3, 2^7\})$	445906944
12	$\mathcal{O}(2; \{12^4, 6^2, 4^6, 3^4, 2^3\})$	3630956544
12	$\mathcal{O}(2; \{12^4, 6^2, 4^8, 3, 2^4\})$	1783627776
12	$\mathcal{O}(2; \{12^4, 6^2, 4^8, 3^4\})$	14523826176
12	$\mathcal{O}(2; \{12^4, 6^2, 4^{10}, 3, 2\})$	7134511104
12	$\mathcal{O}(2; \{12^4, 6^3, 3^2, 2^{13}\})$	28200960
12	$\mathcal{O}(2; \{12^4, 6^3, 3^5, 2^9\})$	226603008
12	$\mathcal{O}(2; \{12^4, 6^3, 3^8, 2^5\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 6^3, 3^{11}, 2\})$	14495625216
12	$\mathcal{O}(2; \{12^4, 6^3, 4^2, 3^2, 2^{10}\})$	112803840
12	$\mathcal{O}(2; \{12^4, 6^3, 4^2, 3^5, 2^6\})$	906412032
12	$\mathcal{O}(2; \{12^4, 6^3, 4^2, 3^8, 2^2\})$	7247314944
12	$\mathcal{O}(2; \{12^4, 6^3, 4^4, 3^2, 2^7\})$	451215360
12	$\mathcal{O}(2; \{12^4, 6^3, 4^4, 3^5, 2^3\})$	3625648128
12	$\mathcal{O}(2; \{12^4, 6^3, 4^6, 3^2, 2^4\})$	1804861440
12	$\mathcal{O}(2; \{12^4, 6^3, 4^6, 3^5\})$	14502592512
12	$\mathcal{O}(2; \{12^4, 6^3, 4^8, 3^2, 2\})$	7219445760
12	$\mathcal{O}(2; \{12^4, 6^4, 2^{14}\})$	142666368
12	$\mathcal{O}(2; \{12^4, 6^4, 3^3, 2^{10}\})$	113135616
12	$\mathcal{O}(2; \{12^4, 6^4, 3^6, 2^6\})$	906080256
12	$\mathcal{O}(2; \{12^4, 6^4, 3^9, 2^2\})$	7247646720
12	$\mathcal{O}(2; \{12^4, 6^4, 4^2, 2^{11}\})$	57065472
12	$\mathcal{O}(2; \{12^4, 6^4, 4^2, 3^3, 2^7\})$	452542464
12	$\mathcal{O}(2; \{12^4, 6^4, 4^2, 3^6, 2^3\})$	3624321024
12	$\mathcal{O}(2; \{12^4, 6^4, 4^4, 2^8\})$	228261888

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^4, 6^4, 4^4, 3^3, 2^4\})$	1810169856
12	$\mathcal{O}(2; \{12^4, 6^4, 4^4, 3^6\})$	14497284096
12	$\mathcal{O}(2; \{12^4, 6^4, 4^6, 2^5\})$	913047552
12	$\mathcal{O}(2; \{12^4, 6^4, 4^6, 3^3, 2\})$	7240679424
12	$\mathcal{O}(2; \{12^4, 6^4, 4^8, 2^2\})$	3652190208
12	$\mathcal{O}(2; \{12^4, 6^5, 3, 2^{11}\})$	56733696
12	$\mathcal{O}(2; \{12^4, 6^5, 3^4, 2^7\})$	452874240
12	$\mathcal{O}(2; \{12^4, 6^5, 3^7, 2^3\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 6^5, 4^2, 3, 2^8\})$	226934784
12	$\mathcal{O}(2; \{12^4, 6^5, 4^2, 3^4, 2^4\})$	1811496960
12	$\mathcal{O}(2; \{12^4, 6^5, 4^2, 3^7\})$	14495956992
12	$\mathcal{O}(2; \{12^4, 6^5, 4^4, 3, 2^5\})$	907739136
12	$\mathcal{O}(2; \{12^4, 6^5, 4^4, 3^4, 2\})$	7245987840
12	$\mathcal{O}(2; \{12^4, 6^5, 4^6, 3, 2^2\})$	3630956544
12	$\mathcal{O}(2; \{12^4, 6^6, 3^2, 2^8\})$	226603008
12	$\mathcal{O}(2; \{12^4, 6^6, 3^5, 2^4\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 6^6, 3^8\})$	14495625216
12	$\mathcal{O}(2; \{12^4, 6^6, 4^2, 3^2, 2^5\})$	906412032
12	$\mathcal{O}(2; \{12^4, 6^6, 4^2, 3^5, 2\})$	7247314944
12	$\mathcal{O}(2; \{12^4, 6^6, 4^4, 3^2, 2^2\})$	3625648128
12	$\mathcal{O}(2; \{12^4, 6^7, 2^9\})$	113135616
12	$\mathcal{O}(2; \{12^4, 6^7, 3^3, 2^5\})$	906080256
12	$\mathcal{O}(2; \{12^4, 6^7, 3^6, 2\})$	7247646720
12	$\mathcal{O}(2; \{12^4, 6^7, 4^2, 2^6\})$	452542464
12	$\mathcal{O}(2; \{12^4, 6^7, 4^2, 3^3, 2^2\})$	3624321024
12	$\mathcal{O}(2; \{12^4, 6^7, 4^4, 2^3\})$	1810169856
12	$\mathcal{O}(2; \{12^4, 6^7, 4^6\})$	7240679424
12	$\mathcal{O}(2; \{12^4, 6^8, 3, 2^6\})$	452874240
12	$\mathcal{O}(2; \{12^4, 6^8, 3^4, 2^2\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 6^8, 4^2, 3, 2^3\})$	1811496960
12	$\mathcal{O}(2; \{12^4, 6^8, 4^4, 3\})$	7245987840
12	$\mathcal{O}(2; \{12^4, 6^9, 3^2, 2^3\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 6^9, 4^2, 3^2\})$	7247314944
12	$\mathcal{O}(2; \{12^4, 6^{10}, 2^4\})$	906080256
12	$\mathcal{O}(2; \{12^4, 6^{10}, 3^3\})$	7247646720
12	$\mathcal{O}(2; \{12^4, 6^{10}, 4^2, 2\})$	3624321024
12	$\mathcal{O}(2; \{12^4, 6^{11}, 3, 2\})$	3623989248
12	$\mathcal{O}(2; \{12^5, 4, 3, 2^{16}\})$	14598144
12	$\mathcal{O}(2; \{12^5, 4, 3^4, 2^{12}\})$	112803840
12	$\mathcal{O}(2; \{12^5, 4, 3^7, 2^8\})$	906412032
12	$\mathcal{O}(2; \{12^5, 4, 3^{10}, 2^4\})$	7247314944
12	$\mathcal{O}(2; \{12^5, 4, 3^{13}\})$	57982500864
12	$\mathcal{O}(2; \{12^5, 4^3, 3, 2^{13}\})$	58392576

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^5, 4^3, 3^4, 2^9\})$	451215360
12	$\mathcal{O}(2; \{12^5, 4^3, 3^7, 2^5\})$	3625648128
12	$\mathcal{O}(2; \{12^5, 4^3, 3^{10}, 2\})$	28989259776
12	$\mathcal{O}(2; \{12^5, 4^5, 3, 2^{10}\})$	233570304
12	$\mathcal{O}(2; \{12^5, 4^5, 3^4, 2^6\})$	1804861440
12	$\mathcal{O}(2; \{12^5, 4^5, 3^7, 2^2\})$	14502592512
12	$\mathcal{O}(2; \{12^5, 4^7, 3, 2^7\})$	934281216
12	$\mathcal{O}(2; \{12^5, 4^7, 3^4, 2^3\})$	7219445760
12	$\mathcal{O}(2; \{12^5, 4^9, 3, 2^4\})$	3737124864
12	$\mathcal{O}(2; \{12^5, 4^9, 3^4\})$	28877783040
12	$\mathcal{O}(2; \{12^5, 4^{11}, 3, 2\})$	14948499456
12	$\mathcal{O}(2; \{12^5, 6, 4, 3^2, 2^{13}\})$	57065472
12	$\mathcal{O}(2; \{12^5, 6, 4, 3^5, 2^9\})$	452542464
12	$\mathcal{O}(2; \{12^5, 6, 4, 3^8, 2^5\})$	3624321024
12	$\mathcal{O}(2; \{12^5, 6, 4, 3^{11}, 2\})$	28990586880
12	$\mathcal{O}(2; \{12^5, 6, 4^3, 3^2, 2^{10}\})$	228261888
12	$\mathcal{O}(2; \{12^5, 6, 4^3, 3^5, 2^6\})$	1810169856
12	$\mathcal{O}(2; \{12^5, 6, 4^3, 3^8, 2^2\})$	14497284096
12	$\mathcal{O}(2; \{12^5, 6, 4^5, 3^2, 2^7\})$	913047552
12	$\mathcal{O}(2; \{12^5, 6, 4^5, 3^5, 2^3\})$	7240679424
12	$\mathcal{O}(2; \{12^5, 6, 4^7, 3^2, 2^4\})$	3652190208
12	$\mathcal{O}(2; \{12^5, 6, 4^7, 3^5\})$	28962717696
12	$\mathcal{O}(2; \{12^5, 6, 4^9, 3^2, 2\})$	14608760832
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 2^{14}\})$	27869184
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 3^3, 2^{10}\})$	226934784
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 3^6, 2^6\})$	1811496960
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 3^9, 2^2\})$	14495956992
12	$\mathcal{O}(2; \{12^5, 6^2, 4^3, 2^{11}\})$	111476736
12	$\mathcal{O}(2; \{12^5, 6^2, 4^3, 3^3, 2^7\})$	907739136
12	$\mathcal{O}(2; \{12^5, 6^2, 4^3, 3^6, 2^3\})$	7245987840
12	$\mathcal{O}(2; \{12^5, 6^2, 4^5, 2^8\})$	445906944
12	$\mathcal{O}(2; \{12^5, 6^2, 4^5, 3^3, 2^4\})$	3630956544
12	$\mathcal{O}(2; \{12^5, 6^2, 4^5, 3^6\})$	28983951360
12	$\mathcal{O}(2; \{12^5, 6^2, 4^7, 2^5\})$	1783627776
12	$\mathcal{O}(2; \{12^5, 6^2, 4^7, 3^3, 2\})$	14523826176
12	$\mathcal{O}(2; \{12^5, 6^2, 4^9, 2^2\})$	7134511104
12	$\mathcal{O}(2; \{12^5, 6^3, 4, 3, 2^{11}\})$	112803840
12	$\mathcal{O}(2; \{12^5, 6^3, 4, 3^4, 2^7\})$	906412032
12	$\mathcal{O}(2; \{12^5, 6^3, 4, 3^7, 2^3\})$	7247314944
12	$\mathcal{O}(2; \{12^5, 6^3, 4^3, 3, 2^8\})$	451215360
12	$\mathcal{O}(2; \{12^5, 6^3, 4^3, 3^4, 2^4\})$	3625648128
12	$\mathcal{O}(2; \{12^5, 6^3, 4^3, 3^7\})$	28989259776
12	$\mathcal{O}(2; \{12^5, 6^3, 4^5, 3, 2^5\})$	1804861440

Continued on next page

Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^5, 6^3, 4^5, 3^4, 2\})$	14502592512
12	$\mathcal{O}(2; \{12^5, 6^3, 4^7, 3, 2^2\})$	7219445760
12	$\mathcal{O}(2; \{12^5, 6^4, 4, 3^2, 2^8\})$	452542464
12	$\mathcal{O}(2; \{12^5, 6^4, 4, 3^5, 2^4\})$	3624321024
12	$\mathcal{O}(2; \{12^5, 6^4, 4, 3^8\})$	28990586880
12	$\mathcal{O}(2; \{12^5, 6^4, 4^3, 3^2, 2^5\})$	1810169856
12	$\mathcal{O}(2; \{12^5, 6^4, 4^3, 3^5, 2\})$	14497284096
12	$\mathcal{O}(2; \{12^5, 6^4, 4^5, 3^2, 2^2\})$	7240679424
12	$\mathcal{O}(2; \{12^5, 6^5, 4, 2^9\})$	226934784
12	$\mathcal{O}(2; \{12^5, 6^5, 4, 3^3, 2^5\})$	1811496960
12	$\mathcal{O}(2; \{12^5, 6^5, 4, 3^6, 2\})$	14495956992
12	$\mathcal{O}(2; \{12^5, 6^5, 4^3, 2^6\})$	907739136
12	$\mathcal{O}(2; \{12^5, 6^5, 4^3, 3^3, 2^2\})$	7245987840
12	$\mathcal{O}(2; \{12^5, 6^5, 4^5, 2^3\})$	3630956544
12	$\mathcal{O}(2; \{12^5, 6^5, 4^7\})$	14523826176
12	$\mathcal{O}(2; \{12^5, 6^6, 4, 3, 2^6\})$	906412032
12	$\mathcal{O}(2; \{12^5, 6^6, 4, 3^4, 2^2\})$	7247314944
12	$\mathcal{O}(2; \{12^5, 6^6, 4^3, 3, 2^3\})$	3625648128
12	$\mathcal{O}(2; \{12^5, 6^6, 4^5, 3\})$	14502592512
12	$\mathcal{O}(2; \{12^5, 6^7, 4, 3^2, 2^3\})$	3624321024
12	$\mathcal{O}(2; \{12^5, 6^7, 4^3, 3^2\})$	14497284096
12	$\mathcal{O}(2; \{12^5, 6^8, 4, 2^4\})$	1811496960
12	$\mathcal{O}(2; \{12^5, 6^8, 4, 3^3\})$	14495956992
12	$\mathcal{O}(2; \{12^5, 6^8, 4^3, 2\})$	7245987840
12	$\mathcal{O}(2; \{12^5, 6^9, 4, 3, 2\})$	7247314944
12	$\mathcal{O}(2; \{12^6, 2^{17}\})$	14598144
12	$\mathcal{O}(2; \{12^6, 3^3, 2^{13}\})$	112803840
12	$\mathcal{O}(2; \{12^6, 3^6, 2^9\})$	906412032
12	$\mathcal{O}(2; \{12^6, 3^9, 2^5\})$	7247314944
12	$\mathcal{O}(2; \{12^6, 3^{12}, 2\})$	57982500864
12	$\mathcal{O}(2; \{12^6, 4^2, 2^{14}\})$	58392576
12	$\mathcal{O}(2; \{12^6, 4^2, 3^3, 2^{10}\})$	451215360
12	$\mathcal{O}(2; \{12^6, 4^2, 3^6, 2^6\})$	3625648128
12	$\mathcal{O}(2; \{12^6, 4^2, 3^9, 2^2\})$	28989259776
12	$\mathcal{O}(2; \{12^6, 4^4, 2^{11}\})$	233570304
12	$\mathcal{O}(2; \{12^6, 4^4, 3^3, 2^7\})$	1804861440
12	$\mathcal{O}(2; \{12^6, 4^4, 3^6, 2^3\})$	14502592512
12	$\mathcal{O}(2; \{12^6, 4^6, 2^8\})$	934281216
12	$\mathcal{O}(2; \{12^6, 4^6, 3^3, 2^4\})$	7219445760
12	$\mathcal{O}(2; \{12^6, 4^6, 3^6\})$	58010370048
12	$\mathcal{O}(2; \{12^6, 4^8, 2^5\})$	3737124864
12	$\mathcal{O}(2; \{12^6, 4^8, 3^3, 2\})$	28877783040
12	$\mathcal{O}(2; \{12^6, 4^{10}, 2^2\})$	14948499456

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^6, 6, 3, 2^{14}\})$	57065472
12	$\mathcal{O}(2; \{12^6, 6, 3^4, 2^{10}\})$	452542464
12	$\mathcal{O}(2; \{12^6, 6, 3^7, 2^6\})$	3624321024
12	$\mathcal{O}(2; \{12^6, 6, 3^{10}, 2^2\})$	28990586880
12	$\mathcal{O}(2; \{12^6, 6, 4^2, 3, 2^{11}\})$	228261888
12	$\mathcal{O}(2; \{12^6, 6, 4^2, 3^4, 2^7\})$	1810169856
12	$\mathcal{O}(2; \{12^6, 6, 4^2, 3^7, 2^3\})$	14497284096
12	$\mathcal{O}(2; \{12^6, 6, 4^4, 3, 2^8\})$	913047552
12	$\mathcal{O}(2; \{12^6, 6, 4^4, 3^4, 2^4\})$	7240679424
12	$\mathcal{O}(2; \{12^6, 6, 4^4, 3^7\})$	57989136384
12	$\mathcal{O}(2; \{12^6, 6, 4^6, 3, 2^5\})$	3652190208
12	$\mathcal{O}(2; \{12^6, 6, 4^6, 3^4, 2\})$	28962717696
12	$\mathcal{O}(2; \{12^6, 6, 4^8, 3, 2^2\})$	14608760832
12	$\mathcal{O}(2; \{12^6, 6^2, 3^2, 2^{11}\})$	226934784
12	$\mathcal{O}(2; \{12^6, 6^2, 3^5, 2^7\})$	1811496960
12	$\mathcal{O}(2; \{12^6, 6^2, 3^8, 2^3\})$	14495956992
12	$\mathcal{O}(2; \{12^6, 6^2, 4^2, 3^2, 2^8\})$	907739136
12	$\mathcal{O}(2; \{12^6, 6^2, 4^2, 3^5, 2^4\})$	7245987840
12	$\mathcal{O}(2; \{12^6, 6^2, 4^2, 3^8\})$	57983827968
12	$\mathcal{O}(2; \{12^6, 6^2, 4^4, 3^2, 2^5\})$	3630956544
12	$\mathcal{O}(2; \{12^6, 6^2, 4^4, 3^5, 2\})$	28983951360
12	$\mathcal{O}(2; \{12^6, 6^2, 4^6, 3^2, 2^2\})$	14523826176
12	$\mathcal{O}(2; \{12^6, 6^3, 2^{12}\})$	112803840
12	$\mathcal{O}(2; \{12^6, 6^3, 3^3, 2^8\})$	906412032
12	$\mathcal{O}(2; \{12^6, 6^3, 3^6, 2^4\})$	7247314944
12	$\mathcal{O}(2; \{12^6, 6^3, 3^9\})$	57982500864
12	$\mathcal{O}(2; \{12^6, 6^3, 4^2, 2^9\})$	451215360
12	$\mathcal{O}(2; \{12^6, 6^3, 4^2, 3^3, 2^5\})$	3625648128
12	$\mathcal{O}(2; \{12^6, 6^3, 4^2, 3^6, 2\})$	28989259776
12	$\mathcal{O}(2; \{12^6, 6^3, 4^4, 2^6\})$	1804861440
12	$\mathcal{O}(2; \{12^6, 6^3, 4^4, 3^3, 2^2\})$	14502592512
12	$\mathcal{O}(2; \{12^6, 6^3, 4^6, 2^3\})$	7219445760
12	$\mathcal{O}(2; \{12^6, 6^3, 4^8\})$	28877783040
12	$\mathcal{O}(2; \{12^6, 6^4, 3, 2^9\})$	452542464
12	$\mathcal{O}(2; \{12^6, 6^4, 3^4, 2^5\})$	3624321024
12	$\mathcal{O}(2; \{12^6, 6^4, 3^7, 2\})$	28990586880
12	$\mathcal{O}(2; \{12^6, 6^4, 4^2, 3, 2^6\})$	1810169856
12	$\mathcal{O}(2; \{12^6, 6^4, 4^2, 3^4, 2^2\})$	14497284096
12	$\mathcal{O}(2; \{12^6, 6^4, 4^4, 3, 2^3\})$	7240679424
12	$\mathcal{O}(2; \{12^6, 6^4, 4^6, 3\})$	28962717696
12	$\mathcal{O}(2; \{12^6, 6^5, 3^2, 2^6\})$	1811496960
12	$\mathcal{O}(2; \{12^6, 6^5, 3^5, 2^2\})$	14495956992
12	$\mathcal{O}(2; \{12^6, 6^5, 4^2, 3^2, 2^3\})$	7245987840

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^6, 6^5, 4^4, 3^2\})$	28983951360
12	$\mathcal{O}(2; \{12^6, 6^6, 2^7\})$	906412032
12	$\mathcal{O}(2; \{12^6, 6^6, 3^3, 2^3\})$	7247314944
12	$\mathcal{O}(2; \{12^6, 6^6, 4^2, 2^4\})$	3625648128
12	$\mathcal{O}(2; \{12^6, 6^6, 4^2, 3^3\})$	28989259776
12	$\mathcal{O}(2; \{12^6, 6^6, 4^4, 2\})$	14502592512
12	$\mathcal{O}(2; \{12^6, 6^7, 3, 2^4\})$	3624321024
12	$\mathcal{O}(2; \{12^6, 6^7, 3^4\})$	28990586880
12	$\mathcal{O}(2; \{12^6, 6^7, 4^2, 3, 2\})$	14497284096
12	$\mathcal{O}(2; \{12^6, 6^8, 3^2, 2\})$	14495956992
12	$\mathcal{O}(2; \{12^6, 6^9, 2^2\})$	7247314944
12	$\mathcal{O}(2; \{12^7, 4, 3^2, 2^{11}\})$	451215360
12	$\mathcal{O}(2; \{12^7, 4, 3^5, 2^7\})$	3625648128
12	$\mathcal{O}(2; \{12^7, 4, 3^8, 2^3\})$	28989259776
12	$\mathcal{O}(2; \{12^7, 4^3, 3^2, 2^8\})$	1804861440
12	$\mathcal{O}(2; \{12^7, 4^3, 3^5, 2^4\})$	14502592512
12	$\mathcal{O}(2; \{12^7, 4^3, 3^8\})$	115957039104
12	$\mathcal{O}(2; \{12^7, 4^5, 3^2, 2^5\})$	7219445760
12	$\mathcal{O}(2; \{12^7, 4^5, 3^5, 2\})$	58010370048
12	$\mathcal{O}(2; \{12^7, 4^7, 3^2, 2^2\})$	28877783040
12	$\mathcal{O}(2; \{12^7, 6, 4, 2^{12}\})$	228261888
12	$\mathcal{O}(2; \{12^7, 6, 4, 3^3, 2^8\})$	1810169856
12	$\mathcal{O}(2; \{12^7, 6, 4, 3^6, 2^4\})$	14497284096
12	$\mathcal{O}(2; \{12^7, 6, 4, 3^9\})$	115962347520
12	$\mathcal{O}(2; \{12^7, 6, 4^3, 2^9\})$	913047552
12	$\mathcal{O}(2; \{12^7, 6, 4^3, 3^3, 2^5\})$	7240679424
12	$\mathcal{O}(2; \{12^7, 6, 4^3, 3^6, 2\})$	57989136384
12	$\mathcal{O}(2; \{12^7, 6, 4^5, 2^6\})$	3652190208
12	$\mathcal{O}(2; \{12^7, 6, 4^5, 3^3, 2^2\})$	28962717696
12	$\mathcal{O}(2; \{12^7, 6, 4^7, 2^3\})$	14608760832
12	$\mathcal{O}(2; \{12^7, 6, 4^9\})$	58435043328
12	$\mathcal{O}(2; \{12^7, 6^2, 4, 3, 2^9\})$	907739136
12	$\mathcal{O}(2; \{12^7, 6^2, 4, 3^4, 2^5\})$	7245987840
12	$\mathcal{O}(2; \{12^7, 6^2, 4, 3^7, 2\})$	57983827968
12	$\mathcal{O}(2; \{12^7, 6^2, 4^3, 3, 2^6\})$	3630956544
12	$\mathcal{O}(2; \{12^7, 6^2, 4^3, 3^4, 2^2\})$	28983951360
12	$\mathcal{O}(2; \{12^7, 6^2, 4^5, 3, 2^3\})$	14523826176
12	$\mathcal{O}(2; \{12^7, 6^2, 4^7, 3\})$	58095304704
12	$\mathcal{O}(2; \{12^7, 6^3, 4, 3^2, 2^6\})$	3625648128
12	$\mathcal{O}(2; \{12^7, 6^3, 4, 3^5, 2^2\})$	28989259776
12	$\mathcal{O}(2; \{12^7, 6^3, 4^3, 3^2, 2^3\})$	14502592512
12	$\mathcal{O}(2; \{12^7, 6^3, 4^5, 3^2\})$	58010370048
12	$\mathcal{O}(2; \{12^7, 6^4, 4, 2^7\})$	1810169856

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^7, 6^4, 4, 3^3, 2^3\})$	14497284096
12	$\mathcal{O}(2; \{12^7, 6^4, 4^3, 2^4\})$	7240679424
12	$\mathcal{O}(2; \{12^7, 6^4, 4^3, 3^3\})$	57989136384
12	$\mathcal{O}(2; \{12^7, 6^4, 4^5, 2\})$	28962717696
12	$\mathcal{O}(2; \{12^7, 6^5, 4, 3, 2^4\})$	7245987840
12	$\mathcal{O}(2; \{12^7, 6^5, 4, 3^4\})$	57983827968
12	$\mathcal{O}(2; \{12^7, 6^5, 4^3, 3, 2\})$	28983951360
12	$\mathcal{O}(2; \{12^7, 6^6, 4, 3^2, 2\})$	28989259776
12	$\mathcal{O}(2; \{12^7, 6^7, 4, 2^2\})$	14497284096
12	$\mathcal{O}(2; \{12^8, 3, 2^{12}\})$	451215360
12	$\mathcal{O}(2; \{12^8, 3^4, 2^8\})$	3625648128
12	$\mathcal{O}(2; \{12^8, 3^7, 2^4\})$	28989259776
12	$\mathcal{O}(2; \{12^8, 3^{10}\})$	231930003456
12	$\mathcal{O}(2; \{12^8, 4^2, 3, 2^9\})$	1804861440
12	$\mathcal{O}(2; \{12^8, 4^2, 3^4, 2^5\})$	14502592512
12	$\mathcal{O}(2; \{12^8, 4^2, 3^7, 2\})$	115957039104
12	$\mathcal{O}(2; \{12^8, 4^4, 3, 2^6\})$	7219445760
12	$\mathcal{O}(2; \{12^8, 4^4, 3^4, 2^2\})$	58010370048
12	$\mathcal{O}(2; \{12^8, 4^6, 3, 2^3\})$	28877783040
12	$\mathcal{O}(2; \{12^8, 4^8, 3\})$	115511132160
12	$\mathcal{O}(2; \{12^8, 6, 3^2, 2^9\})$	1810169856
12	$\mathcal{O}(2; \{12^8, 6, 3^5, 2^5\})$	14497284096
12	$\mathcal{O}(2; \{12^8, 6, 3^8, 2\})$	115962347520
12	$\mathcal{O}(2; \{12^8, 6, 4^2, 3^2, 2^6\})$	7240679424
12	$\mathcal{O}(2; \{12^8, 6, 4^2, 3^5, 2^2\})$	57989136384
12	$\mathcal{O}(2; \{12^8, 6, 4^4, 3^2, 2^3\})$	28962717696
12	$\mathcal{O}(2; \{12^8, 6, 4^6, 3^2\})$	115850870784
12	$\mathcal{O}(2; \{12^8, 6^2, 2^{10}\})$	907739136
12	$\mathcal{O}(2; \{12^8, 6^2, 3^3, 2^6\})$	7245987840
12	$\mathcal{O}(2; \{12^8, 6^2, 3^6, 2^2\})$	57983827968
12	$\mathcal{O}(2; \{12^8, 6^2, 4^2, 2^7\})$	3630956544
12	$\mathcal{O}(2; \{12^8, 6^2, 4^2, 3^3, 2^3\})$	28983951360
12	$\mathcal{O}(2; \{12^8, 6^2, 4^4, 2^4\})$	14523826176
12	$\mathcal{O}(2; \{12^8, 6^2, 4^4, 3^3\})$	115935805440
12	$\mathcal{O}(2; \{12^8, 6^2, 4^6, 2\})$	58095304704
12	$\mathcal{O}(2; \{12^8, 6^3, 3, 2^7\})$	3625648128
12	$\mathcal{O}(2; \{12^8, 6^3, 3^4, 2^3\})$	28989259776
12	$\mathcal{O}(2; \{12^8, 6^3, 4^2, 3, 2^4\})$	14502592512
12	$\mathcal{O}(2; \{12^8, 6^3, 4^2, 3^4\})$	115957039104
12	$\mathcal{O}(2; \{12^8, 6^3, 4^4, 3, 2\})$	58010370048
12	$\mathcal{O}(2; \{12^8, 6^4, 3^2, 2^4\})$	14497284096
12	$\mathcal{O}(2; \{12^8, 6^4, 3^5\})$	115962347520
12	$\mathcal{O}(2; \{12^8, 6^4, 4^2, 3^2, 2\})$	57989136384

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^8, 6^5, 2^5\})$	7245987840
12	$\mathcal{O}(2; \{12^8, 6^5, 3^3, 2\})$	57983827968
12	$\mathcal{O}(2; \{12^8, 6^5, 4^2, 2^2\})$	28983951360
12	$\mathcal{O}(2; \{12^8, 6^6, 3, 2^2\})$	28989259776
12	$\mathcal{O}(2; \{12^8, 6^8\})$	57983827968
12	$\mathcal{O}(2; \{12^9, 4, 2^{10}\})$	1804861440
12	$\mathcal{O}(2; \{12^9, 4, 3^3, 2^6\})$	14502592512
12	$\mathcal{O}(2; \{12^9, 4, 3^6, 2^2\})$	115957039104
12	$\mathcal{O}(2; \{12^9, 4^3, 2^7\})$	7219445760
12	$\mathcal{O}(2; \{12^9, 4^3, 3^3, 2^3\})$	58010370048
12	$\mathcal{O}(2; \{12^9, 4^5, 2^4\})$	28877783040
12	$\mathcal{O}(2; \{12^9, 4^5, 3^3\})$	232041480192
12	$\mathcal{O}(2; \{12^9, 4^7, 2\})$	115511132160
12	$\mathcal{O}(2; \{12^9, 6, 4, 3, 2^7\})$	7240679424
12	$\mathcal{O}(2; \{12^9, 6, 4, 3^4, 2^3\})$	57989136384
12	$\mathcal{O}(2; \{12^9, 6, 4^3, 3, 2^4\})$	28962717696
12	$\mathcal{O}(2; \{12^9, 6, 4^3, 3^4\})$	231956545536
12	$\mathcal{O}(2; \{12^9, 6, 4^5, 3, 2\})$	115850870784
12	$\mathcal{O}(2; \{12^9, 6^2, 4, 3^2, 2^4\})$	28983951360
12	$\mathcal{O}(2; \{12^9, 6^2, 4, 3^5\})$	231935311872
12	$\mathcal{O}(2; \{12^9, 6^2, 4^3, 3^2, 2\})$	115935805440
12	$\mathcal{O}(2; \{12^9, 6^3, 4, 2^5\})$	14502592512
12	$\mathcal{O}(2; \{12^9, 6^3, 4, 3^3, 2\})$	115957039104
12	$\mathcal{O}(2; \{12^9, 6^3, 4^3, 2^2\})$	58010370048
12	$\mathcal{O}(2; \{12^9, 6^4, 4, 3, 2^2\})$	57989136384
12	$\mathcal{O}(2; \{12^9, 6^6, 4\})$	115957039104
12	$\mathcal{O}(2; \{12^{10}, 3^2, 2^7\})$	14502592512
12	$\mathcal{O}(2; \{12^{10}, 3^5, 2^3\})$	115957039104
12	$\mathcal{O}(2; \{12^{10}, 4^2, 3^2, 2^4\})$	58010370048
12	$\mathcal{O}(2; \{12^{10}, 4^2, 3^5\})$	463828156416
12	$\mathcal{O}(2; \{12^{10}, 4^4, 3^2, 2\})$	232041480192
12	$\mathcal{O}(2; \{12^{10}, 6, 2^8\})$	7240679424
12	$\mathcal{O}(2; \{12^{10}, 6, 3^3, 2^4\})$	57989136384
12	$\mathcal{O}(2; \{12^{10}, 6, 3^6\})$	463849390080
12	$\mathcal{O}(2; \{12^{10}, 6, 4^2, 2^5\})$	28962717696
12	$\mathcal{O}(2; \{12^{10}, 6, 4^2, 3^3, 2\})$	231956545536
12	$\mathcal{O}(2; \{12^{10}, 6, 4^4, 2^2\})$	115850870784
12	$\mathcal{O}(2; \{12^{10}, 6^2, 3, 2^5\})$	28983951360
12	$\mathcal{O}(2; \{12^{10}, 6^2, 3^4, 2\})$	231935311872
12	$\mathcal{O}(2; \{12^{10}, 6^2, 4^2, 3, 2^2\})$	115935805440
12	$\mathcal{O}(2; \{12^{10}, 6^3, 3^2, 2^2\})$	115957039104
12	$\mathcal{O}(2; \{12^{10}, 6^4, 2^3\})$	57989136384
12	$\mathcal{O}(2; \{12^{10}, 6^4, 4^2\})$	231956545536

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^{10}, 6^5, 3\})$	231935311872
12	$\mathcal{O}(2; \{12^{11}, 4, 3, 2^5\})$	58010370048
12	$\mathcal{O}(2; \{12^{11}, 4, 3^4, 2\})$	463828156416
12	$\mathcal{O}(2; \{12^{11}, 4^3, 3, 2^2\})$	232041480192
12	$\mathcal{O}(2; \{12^{11}, 6, 4, 3^2, 2^2\})$	231956545536
12	$\mathcal{O}(2; \{12^{11}, 6^2, 4, 2^3\})$	115935805440
12	$\mathcal{O}(2; \{12^{11}, 6^2, 4^3\})$	463743221760
12	$\mathcal{O}(2; \{12^{11}, 6^3, 4, 3\})$	463828156416
12	$\mathcal{O}(2; \{12^{12}, 2^6\})$	58010370048
12	$\mathcal{O}(2; \{12^{12}, 3^3, 2^2\})$	463828156416
12	$\mathcal{O}(2; \{12^{12}, 4^2, 2^3\})$	232041480192
12	$\mathcal{O}(2; \{12^{12}, 4^4\})$	928165920768
12	$\mathcal{O}(2; \{12^{12}, 6, 3, 2^3\})$	231956545536
12	$\mathcal{O}(2; \{12^{12}, 6, 4^2, 3\})$	927826182144
12	$\mathcal{O}(2; \{12^{12}, 6^2, 3^2\})$	927741247488
12	$\mathcal{O}(2; \{12^{12}, 6^3, 2\})$	463828156416
12	$\mathcal{O}(2; \{12^{13}, 4, 3^2\})$	1855312625664
12	$\mathcal{O}(2; \{12^{13}, 6, 4, 2\})$	927826182144
12	$\mathcal{O}(2; \{12^{14}, 3, 2\})$	1855312625664
12	$\mathcal{O}(1; \{2^{32}\})$	96
12	$\mathcal{O}(1; \{3^3, 2^{28}\})$	216
12	$\mathcal{O}(1; \{3^6, 2^{24}\})$	2376
12	$\mathcal{O}(1; \{3^9, 2^{20}\})$	18360
12	$\mathcal{O}(1; \{3^{12}, 2^{16}\})$	147528
12	$\mathcal{O}(1; \{3^{15}, 2^{12}\})$	1179576
12	$\mathcal{O}(1; \{3^{18}, 2^8\})$	9437256
12	$\mathcal{O}(1; \{3^{21}, 2^4\})$	75497400
12	$\mathcal{O}(1; \{3^{24}\})$	603979848
12	$\mathcal{O}(1; \{4^2, 2^{29}\})$	256
12	$\mathcal{O}(1; \{4^2, 3^3, 2^{25}\})$	576
12	$\mathcal{O}(1; \{4^2, 3^6, 2^{21}\})$	6336
12	$\mathcal{O}(1; \{4^2, 3^9, 2^{17}\})$	48960
12	$\mathcal{O}(1; \{4^2, 3^{12}, 2^{13}\})$	393408
12	$\mathcal{O}(1; \{4^2, 3^{15}, 2^9\})$	3145536
12	$\mathcal{O}(1; \{4^2, 3^{18}, 2^5\})$	25166016
12	$\mathcal{O}(1; \{4^2, 3^{21}, 2\})$	201326400
12	$\mathcal{O}(1; \{4^4, 2^{26}\})$	1024
12	$\mathcal{O}(1; \{4^4, 3^3, 2^{22}\})$	2304
12	$\mathcal{O}(1; \{4^4, 3^6, 2^{18}\})$	25344
12	$\mathcal{O}(1; \{4^4, 3^9, 2^{14}\})$	195840
12	$\mathcal{O}(1; \{4^4, 3^{12}, 2^{10}\})$	1573632
12	$\mathcal{O}(1; \{4^4, 3^{15}, 2^6\})$	12582144
12	$\mathcal{O}(1; \{4^4, 3^{18}, 2^2\})$	100664064

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{4^6, 2^{23}\})$	4096
12	$\mathcal{O}(1; \{4^6, 3^3, 2^{19}\})$	9216
12	$\mathcal{O}(1; \{4^6, 3^6, 2^{15}\})$	101376
12	$\mathcal{O}(1; \{4^6, 3^9, 2^{11}\})$	783360
12	$\mathcal{O}(1; \{4^6, 3^{12}, 2^7\})$	6294528
12	$\mathcal{O}(1; \{4^6, 3^{15}, 2^3\})$	50328576
12	$\mathcal{O}(1; \{4^8, 2^{20}\})$	16384
12	$\mathcal{O}(1; \{4^8, 3^3, 2^{16}\})$	36864
12	$\mathcal{O}(1; \{4^8, 3^6, 2^{12}\})$	405504
12	$\mathcal{O}(1; \{4^8, 3^9, 2^8\})$	3133440
12	$\mathcal{O}(1; \{4^8, 3^{12}, 2^4\})$	25178112
12	$\mathcal{O}(1; \{4^8, 3^{15}\})$	201314304
12	$\mathcal{O}(1; \{4^{10}, 2^{17}\})$	65536
12	$\mathcal{O}(1; \{4^{10}, 3^3, 2^{13}\})$	147456
12	$\mathcal{O}(1; \{4^{10}, 3^6, 2^9\})$	1622016
12	$\mathcal{O}(1; \{4^{10}, 3^9, 2^5\})$	12533760
12	$\mathcal{O}(1; \{4^{10}, 3^{12}, 2\})$	100712448
12	$\mathcal{O}(1; \{4^{12}, 2^{14}\})$	262144
12	$\mathcal{O}(1; \{4^{12}, 3^3, 2^{10}\})$	589824
12	$\mathcal{O}(1; \{4^{12}, 3^6, 2^6\})$	6488064
12	$\mathcal{O}(1; \{4^{12}, 3^9, 2^2\})$	50135040
12	$\mathcal{O}(1; \{4^{14}, 2^{11}\})$	1048576
12	$\mathcal{O}(1; \{4^{14}, 3^3, 2^7\})$	2359296
12	$\mathcal{O}(1; \{4^{14}, 3^6, 2^3\})$	25952256
12	$\mathcal{O}(1; \{4^{16}, 2^8\})$	4194304
12	$\mathcal{O}(1; \{4^{16}, 3^3, 2^4\})$	9437184
12	$\mathcal{O}(1; \{4^{16}, 3^6\})$	103809024
12	$\mathcal{O}(1; \{4^{18}, 2^5\})$	16777216
12	$\mathcal{O}(1; \{4^{18}, 3^3, 2\})$	37748736
12	$\mathcal{O}(1; \{4^{20}, 2^2\})$	67108864
12	$\mathcal{O}(1; \{6, 3, 2^{29}\})$	216
12	$\mathcal{O}(1; \{6, 3^4, 2^{25}\})$	1080
12	$\mathcal{O}(1; \{6, 3^7, 2^{21}\})$	9288
12	$\mathcal{O}(1; \{6, 3^{10}, 2^{17}\})$	73656
12	$\mathcal{O}(1; \{6, 3^{13}, 2^{13}\})$	589896
12	$\mathcal{O}(1; \{6, 3^{16}, 2^9\})$	4718520
12	$\mathcal{O}(1; \{6, 3^{19}, 2^5\})$	37748808
12	$\mathcal{O}(1; \{6, 3^{22}, 2\})$	301989816
12	$\mathcal{O}(1; \{6, 4^2, 3, 2^{26}\})$	576
12	$\mathcal{O}(1; \{6, 4^2, 3^4, 2^{22}\})$	2880
12	$\mathcal{O}(1; \{6, 4^2, 3^7, 2^{18}\})$	24768
12	$\mathcal{O}(1; \{6, 4^2, 3^{10}, 2^{14}\})$	196416
12	$\mathcal{O}(1; \{6, 4^2, 3^{13}, 2^{10}\})$	1573056

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6, 4^2, 3^{16}, 2^6\})$	12582720
12	$\mathcal{O}(1; \{6, 4^2, 3^{19}, 2^2\})$	100663488
12	$\mathcal{O}(1; \{6, 4^4, 3, 2^{23}\})$	2304
12	$\mathcal{O}(1; \{6, 4^4, 3^4, 2^{19}\})$	11520
12	$\mathcal{O}(1; \{6, 4^4, 3^7, 2^{15}\})$	99072
12	$\mathcal{O}(1; \{6, 4^4, 3^{10}, 2^{11}\})$	785664
12	$\mathcal{O}(1; \{6, 4^4, 3^{13}, 2^7\})$	6292224
12	$\mathcal{O}(1; \{6, 4^4, 3^{16}, 2^3\})$	50330880
12	$\mathcal{O}(1; \{6, 4^6, 3, 2^{20}\})$	9216
12	$\mathcal{O}(1; \{6, 4^6, 3^4, 2^{16}\})$	46080
12	$\mathcal{O}(1; \{6, 4^6, 3^7, 2^{12}\})$	396288
12	$\mathcal{O}(1; \{6, 4^6, 3^{10}, 2^8\})$	3142656
12	$\mathcal{O}(1; \{6, 4^6, 3^{13}, 2^4\})$	25168896
12	$\mathcal{O}(1; \{6, 4^6, 3^{16}\})$	201323520
12	$\mathcal{O}(1; \{6, 4^8, 3, 2^{17}\})$	36864
12	$\mathcal{O}(1; \{6, 4^8, 3^4, 2^{13}\})$	184320
12	$\mathcal{O}(1; \{6, 4^8, 3^7, 2^9\})$	1585152
12	$\mathcal{O}(1; \{6, 4^8, 3^{10}, 2^5\})$	12570624
12	$\mathcal{O}(1; \{6, 4^8, 3^{13}, 2\})$	100675584
12	$\mathcal{O}(1; \{6, 4^{10}, 3, 2^{14}\})$	147456
12	$\mathcal{O}(1; \{6, 4^{10}, 3^4, 2^{10}\})$	737280
12	$\mathcal{O}(1; \{6, 4^{10}, 3^7, 2^6\})$	6340608
12	$\mathcal{O}(1; \{6, 4^{10}, 3^{10}, 2^2\})$	50282496
12	$\mathcal{O}(1; \{6, 4^{12}, 3, 2^{11}\})$	589824
12	$\mathcal{O}(1; \{6, 4^{12}, 3^4, 2^7\})$	2949120
12	$\mathcal{O}(1; \{6, 4^{12}, 3^7, 2^3\})$	25362432
12	$\mathcal{O}(1; \{6, 4^{14}, 3, 2^8\})$	2359296
12	$\mathcal{O}(1; \{6, 4^{14}, 3^4, 2^4\})$	11796480
12	$\mathcal{O}(1; \{6, 4^{14}, 3^7\})$	101449728
12	$\mathcal{O}(1; \{6, 4^{16}, 3, 2^5\})$	9437184
12	$\mathcal{O}(1; \{6, 4^{16}, 3^4, 2\})$	47185920
12	$\mathcal{O}(1; \{6, 4^{18}, 3, 2^2\})$	37748736
12	$\mathcal{O}(1; \{6^2, 3^2, 2^{26}\})$	648
12	$\mathcal{O}(1; \{6^2, 3^5, 2^{22}\})$	4536
12	$\mathcal{O}(1; \{6^2, 3^8, 2^{18}\})$	36936
12	$\mathcal{O}(1; \{6^2, 3^{11}, 2^{14}\})$	294840
12	$\mathcal{O}(1; \{6^2, 3^{14}, 2^{10}\})$	2359368
12	$\mathcal{O}(1; \{6^2, 3^{17}, 2^6\})$	18874296
12	$\mathcal{O}(1; \{6^2, 3^{20}, 2^2\})$	150995016
12	$\mathcal{O}(1; \{6^2, 4^2, 3^2, 2^{23}\})$	1728
12	$\mathcal{O}(1; \{6^2, 4^2, 3^5, 2^{19}\})$	12096
12	$\mathcal{O}(1; \{6^2, 4^2, 3^8, 2^{15}\})$	98496
12	$\mathcal{O}(1; \{6^2, 4^2, 3^{11}, 2^{11}\})$	786240

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^2, 4^2, 3^{14}, 2^7\})$	6291648
12	$\mathcal{O}(1; \{6^2, 4^2, 3^{17}, 2^3\})$	50331456
12	$\mathcal{O}(1; \{6^2, 4^4, 3^2, 2^{20}\})$	6912
12	$\mathcal{O}(1; \{6^2, 4^4, 3^5, 2^{16}\})$	48384
12	$\mathcal{O}(1; \{6^2, 4^4, 3^8, 2^{12}\})$	393984
12	$\mathcal{O}(1; \{6^2, 4^4, 3^{11}, 2^8\})$	3144960
12	$\mathcal{O}(1; \{6^2, 4^4, 3^{14}, 2^4\})$	25166592
12	$\mathcal{O}(1; \{6^2, 4^4, 3^{17}\})$	201325824
12	$\mathcal{O}(1; \{6^2, 4^6, 3^2, 2^{17}\})$	27648
12	$\mathcal{O}(1; \{6^2, 4^6, 3^5, 2^{13}\})$	193536
12	$\mathcal{O}(1; \{6^2, 4^6, 3^8, 2^9\})$	1575936
12	$\mathcal{O}(1; \{6^2, 4^6, 3^{11}, 2^5\})$	12579840
12	$\mathcal{O}(1; \{6^2, 4^6, 3^{14}, 2\})$	100666368
12	$\mathcal{O}(1; \{6^2, 4^8, 3^2, 2^{14}\})$	110592
12	$\mathcal{O}(1; \{6^2, 4^8, 3^5, 2^{10}\})$	774144
12	$\mathcal{O}(1; \{6^2, 4^8, 3^8, 2^6\})$	6303744
12	$\mathcal{O}(1; \{6^2, 4^8, 3^{11}, 2^2\})$	50319360
12	$\mathcal{O}(1; \{6^2, 4^{10}, 3^2, 2^{11}\})$	442368
12	$\mathcal{O}(1; \{6^2, 4^{10}, 3^5, 2^7\})$	3096576
12	$\mathcal{O}(1; \{6^2, 4^{10}, 3^8, 2^3\})$	25214976
12	$\mathcal{O}(1; \{6^2, 4^{12}, 3^2, 2^8\})$	1769472
12	$\mathcal{O}(1; \{6^2, 4^{12}, 3^5, 2^4\})$	12386304
12	$\mathcal{O}(1; \{6^2, 4^{12}, 3^8\})$	100859904
12	$\mathcal{O}(1; \{6^2, 4^{14}, 3^2, 2^5\})$	7077888
12	$\mathcal{O}(1; \{6^2, 4^{14}, 3^5, 2\})$	49545216
12	$\mathcal{O}(1; \{6^2, 4^{16}, 3^2, 2^2\})$	28311552
12	$\mathcal{O}(1; \{6^3, 2^{27}\})$	216
12	$\mathcal{O}(1; \{6^3, 3^3, 2^{23}\})$	2376
12	$\mathcal{O}(1; \{6^3, 3^6, 2^{19}\})$	18360
12	$\mathcal{O}(1; \{6^3, 3^9, 2^{15}\})$	147528
12	$\mathcal{O}(1; \{6^3, 3^{12}, 2^{11}\})$	1179576
12	$\mathcal{O}(1; \{6^3, 3^{15}, 2^7\})$	9437256
12	$\mathcal{O}(1; \{6^3, 3^{18}, 2^3\})$	75497400
12	$\mathcal{O}(1; \{6^3, 4^2, 2^{24}\})$	576
12	$\mathcal{O}(1; \{6^3, 4^2, 3^3, 2^{20}\})$	6336
12	$\mathcal{O}(1; \{6^3, 4^2, 3^6, 2^{16}\})$	48960
12	$\mathcal{O}(1; \{6^3, 4^2, 3^9, 2^{12}\})$	393408
12	$\mathcal{O}(1; \{6^3, 4^2, 3^{12}, 2^8\})$	3145536
12	$\mathcal{O}(1; \{6^3, 4^2, 3^{15}, 2^4\})$	25166016
12	$\mathcal{O}(1; \{6^3, 4^2, 3^{18}\})$	201326400
12	$\mathcal{O}(1; \{6^3, 4^4, 2^{21}\})$	2304
12	$\mathcal{O}(1; \{6^3, 4^4, 3^3, 2^{17}\})$	25344
12	$\mathcal{O}(1; \{6^3, 4^4, 3^6, 2^{13}\})$	195840

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^3, 4^4, 3^9, 2^9\})$	1573632
12	$\mathcal{O}(1; \{6^3, 4^4, 3^{12}, 2^5\})$	12582144
12	$\mathcal{O}(1; \{6^3, 4^4, 3^{15}, 2\})$	100664064
12	$\mathcal{O}(1; \{6^3, 4^6, 2^{18}\})$	9216
12	$\mathcal{O}(1; \{6^3, 4^6, 3^3, 2^{14}\})$	101376
12	$\mathcal{O}(1; \{6^3, 4^6, 3^6, 2^{10}\})$	783360
12	$\mathcal{O}(1; \{6^3, 4^6, 3^9, 2^6\})$	6294528
12	$\mathcal{O}(1; \{6^3, 4^6, 3^{12}, 2^2\})$	50328576
12	$\mathcal{O}(1; \{6^3, 4^8, 2^{15}\})$	36864
12	$\mathcal{O}(1; \{6^3, 4^8, 3^3, 2^{11}\})$	405504
12	$\mathcal{O}(1; \{6^3, 4^8, 3^6, 2^7\})$	3133440
12	$\mathcal{O}(1; \{6^3, 4^8, 3^9, 2^3\})$	25178112
12	$\mathcal{O}(1; \{6^3, 4^{10}, 2^{12}\})$	147456
12	$\mathcal{O}(1; \{6^3, 4^{10}, 3^3, 2^8\})$	1622016
12	$\mathcal{O}(1; \{6^3, 4^{10}, 3^6, 2^4\})$	12533760
12	$\mathcal{O}(1; \{6^3, 4^{10}, 3^9\})$	100712448
12	$\mathcal{O}(1; \{6^3, 4^{12}, 2^9\})$	589824
12	$\mathcal{O}(1; \{6^3, 4^{12}, 3^3, 2^5\})$	6488064
12	$\mathcal{O}(1; \{6^3, 4^{12}, 3^6, 2\})$	50135040
12	$\mathcal{O}(1; \{6^3, 4^{14}, 2^6\})$	2359296
12	$\mathcal{O}(1; \{6^3, 4^{14}, 3^3, 2^2\})$	25952256
12	$\mathcal{O}(1; \{6^3, 4^{16}, 2^3\})$	9437184
12	$\mathcal{O}(1; \{6^3, 4^{18}\})$	37748736
12	$\mathcal{O}(1; \{6^4, 3, 2^{24}\})$	1080
12	$\mathcal{O}(1; \{6^4, 3^4, 2^{20}\})$	9288
12	$\mathcal{O}(1; \{6^4, 3^7, 2^{16}\})$	73656
12	$\mathcal{O}(1; \{6^4, 3^{10}, 2^{12}\})$	589896
12	$\mathcal{O}(1; \{6^4, 3^{13}, 2^8\})$	4718520
12	$\mathcal{O}(1; \{6^4, 3^{16}, 2^4\})$	37748808
12	$\mathcal{O}(1; \{6^4, 3^{19}\})$	301989816
12	$\mathcal{O}(1; \{6^4, 4^2, 3, 2^{21}\})$	2880
12	$\mathcal{O}(1; \{6^4, 4^2, 3^4, 2^{17}\})$	24768
12	$\mathcal{O}(1; \{6^4, 4^2, 3^7, 2^{13}\})$	196416
12	$\mathcal{O}(1; \{6^4, 4^2, 3^{10}, 2^9\})$	1573056
12	$\mathcal{O}(1; \{6^4, 4^2, 3^{13}, 2^5\})$	12582720
12	$\mathcal{O}(1; \{6^4, 4^2, 3^{16}, 2\})$	100663488
12	$\mathcal{O}(1; \{6^4, 4^4, 3, 2^{18}\})$	11520
12	$\mathcal{O}(1; \{6^4, 4^4, 3^4, 2^{14}\})$	99072
12	$\mathcal{O}(1; \{6^4, 4^4, 3^7, 2^{10}\})$	785664
12	$\mathcal{O}(1; \{6^4, 4^4, 3^{10}, 2^6\})$	6292224
12	$\mathcal{O}(1; \{6^4, 4^4, 3^{13}, 2^2\})$	50330880
12	$\mathcal{O}(1; \{6^4, 4^6, 3, 2^{15}\})$	46080
12	$\mathcal{O}(1; \{6^4, 4^6, 3^4, 2^{11}\})$	396288

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^4, 4^6, 3^7, 2^7\})$	3142656
12	$\mathcal{O}(1; \{6^4, 4^6, 3^{10}, 2^3\})$	25168896
12	$\mathcal{O}(1; \{6^4, 4^8, 3, 2^{12}\})$	184320
12	$\mathcal{O}(1; \{6^4, 4^8, 3^4, 2^8\})$	1585152
12	$\mathcal{O}(1; \{6^4, 4^8, 3^7, 2^4\})$	12570624
12	$\mathcal{O}(1; \{6^4, 4^8, 3^{10}\})$	100675584
12	$\mathcal{O}(1; \{6^4, 4^{10}, 3, 2^9\})$	737280
12	$\mathcal{O}(1; \{6^4, 4^{10}, 3^4, 2^5\})$	6340608
12	$\mathcal{O}(1; \{6^4, 4^{10}, 3^7, 2\})$	50282496
12	$\mathcal{O}(1; \{6^4, 4^{12}, 3, 2^6\})$	2949120
12	$\mathcal{O}(1; \{6^4, 4^{12}, 3^4, 2^2\})$	25362432
12	$\mathcal{O}(1; \{6^4, 4^{14}, 3, 2^3\})$	11796480
12	$\mathcal{O}(1; \{6^4, 4^{16}, 3\})$	47185920
12	$\mathcal{O}(1; \{6^5, 3^2, 2^{21}\})$	4536
12	$\mathcal{O}(1; \{6^5, 3^5, 2^{17}\})$	36936
12	$\mathcal{O}(1; \{6^5, 3^8, 2^{13}\})$	294840
12	$\mathcal{O}(1; \{6^5, 3^{11}, 2^9\})$	2359368
12	$\mathcal{O}(1; \{6^5, 3^{14}, 2^5\})$	18874296
12	$\mathcal{O}(1; \{6^5, 3^{17}, 2\})$	150995016
12	$\mathcal{O}(1; \{6^5, 4^2, 3^2, 2^{18}\})$	12096
12	$\mathcal{O}(1; \{6^5, 4^2, 3^5, 2^{14}\})$	98496
12	$\mathcal{O}(1; \{6^5, 4^2, 3^8, 2^{10}\})$	786240
12	$\mathcal{O}(1; \{6^5, 4^2, 3^{11}, 2^6\})$	6291648
12	$\mathcal{O}(1; \{6^5, 4^2, 3^{14}, 2^2\})$	50331456
12	$\mathcal{O}(1; \{6^5, 4^4, 3^2, 2^{15}\})$	48384
12	$\mathcal{O}(1; \{6^5, 4^4, 3^5, 2^{11}\})$	393984
12	$\mathcal{O}(1; \{6^5, 4^4, 3^8, 2^7\})$	3144960
12	$\mathcal{O}(1; \{6^5, 4^4, 3^{11}, 2^3\})$	25166592
12	$\mathcal{O}(1; \{6^5, 4^6, 3^2, 2^{12}\})$	193536
12	$\mathcal{O}(1; \{6^5, 4^6, 3^5, 2^8\})$	1575936
12	$\mathcal{O}(1; \{6^5, 4^6, 3^8, 2^4\})$	12579840
12	$\mathcal{O}(1; \{6^5, 4^6, 3^{11}\})$	100666368
12	$\mathcal{O}(1; \{6^5, 4^8, 3^2, 2^9\})$	774144
12	$\mathcal{O}(1; \{6^5, 4^8, 3^5, 2^5\})$	6303744
12	$\mathcal{O}(1; \{6^5, 4^8, 3^8, 2\})$	50319360
12	$\mathcal{O}(1; \{6^5, 4^{10}, 3^2, 2^6\})$	3096576
12	$\mathcal{O}(1; \{6^5, 4^{10}, 3^5, 2^2\})$	25214976
12	$\mathcal{O}(1; \{6^5, 4^{12}, 3^2, 2^3\})$	12386304
12	$\mathcal{O}(1; \{6^5, 4^{14}, 3^2\})$	49545216
12	$\mathcal{O}(1; \{6^6, 2^{22}\})$	2376
12	$\mathcal{O}(1; \{6^6, 3^3, 2^{18}\})$	18360
12	$\mathcal{O}(1; \{6^6, 3^6, 2^{14}\})$	147528
12	$\mathcal{O}(1; \{6^6, 3^9, 2^{10}\})$	1179576

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^6, 3^{12}, 2^6\})$	9437256
12	$\mathcal{O}(1; \{6^6, 3^{15}, 2^2\})$	75497400
12	$\mathcal{O}(1; \{6^6, 4^2, 2^{19}\})$	6336
12	$\mathcal{O}(1; \{6^6, 4^2, 3^3, 2^{15}\})$	48960
12	$\mathcal{O}(1; \{6^6, 4^2, 3^6, 2^{11}\})$	393408
12	$\mathcal{O}(1; \{6^6, 4^2, 3^9, 2^7\})$	3145536
12	$\mathcal{O}(1; \{6^6, 4^2, 3^{12}, 2^3\})$	25166016
12	$\mathcal{O}(1; \{6^6, 4^4, 2^{16}\})$	25344
12	$\mathcal{O}(1; \{6^6, 4^4, 3^3, 2^{12}\})$	195840
12	$\mathcal{O}(1; \{6^6, 4^4, 3^6, 2^8\})$	1573632
12	$\mathcal{O}(1; \{6^6, 4^4, 3^9, 2^4\})$	12582144
12	$\mathcal{O}(1; \{6^6, 4^4, 3^{12}\})$	100664064
12	$\mathcal{O}(1; \{6^6, 4^6, 2^{13}\})$	101376
12	$\mathcal{O}(1; \{6^6, 4^6, 3^3, 2^9\})$	783360
12	$\mathcal{O}(1; \{6^6, 4^6, 3^6, 2^5\})$	6294528
12	$\mathcal{O}(1; \{6^6, 4^6, 3^9, 2\})$	50328576
12	$\mathcal{O}(1; \{6^6, 4^8, 2^{10}\})$	405504
12	$\mathcal{O}(1; \{6^6, 4^8, 3^3, 2^6\})$	3133440
12	$\mathcal{O}(1; \{6^6, 4^8, 3^6, 2^2\})$	25178112
12	$\mathcal{O}(1; \{6^6, 4^{10}, 2^7\})$	1622016
12	$\mathcal{O}(1; \{6^6, 4^{10}, 3^3, 2^3\})$	12533760
12	$\mathcal{O}(1; \{6^6, 4^{12}, 2^4\})$	6488064
12	$\mathcal{O}(1; \{6^6, 4^{12}, 3^3\})$	50135040
12	$\mathcal{O}(1; \{6^6, 4^{14}, 2\})$	25952256
12	$\mathcal{O}(1; \{6^7, 3, 2^{19}\})$	9288
12	$\mathcal{O}(1; \{6^7, 3^4, 2^{15}\})$	73656
12	$\mathcal{O}(1; \{6^7, 3^7, 2^{11}\})$	589896
12	$\mathcal{O}(1; \{6^7, 3^{10}, 2^7\})$	4718520
12	$\mathcal{O}(1; \{6^7, 3^{13}, 2^3\})$	37748808
12	$\mathcal{O}(1; \{6^7, 4^2, 3, 2^{16}\})$	24768
12	$\mathcal{O}(1; \{6^7, 4^2, 3^4, 2^{12}\})$	196416
12	$\mathcal{O}(1; \{6^7, 4^2, 3^7, 2^8\})$	1573056
12	$\mathcal{O}(1; \{6^7, 4^2, 3^{10}, 2^4\})$	12582720
12	$\mathcal{O}(1; \{6^7, 4^2, 3^{13}\})$	100663488
12	$\mathcal{O}(1; \{6^7, 4^4, 3, 2^{13}\})$	99072
12	$\mathcal{O}(1; \{6^7, 4^4, 3^4, 2^9\})$	785664
12	$\mathcal{O}(1; \{6^7, 4^4, 3^7, 2^5\})$	6292224
12	$\mathcal{O}(1; \{6^7, 4^4, 3^{10}, 2\})$	50330880
12	$\mathcal{O}(1; \{6^7, 4^6, 3, 2^{10}\})$	396288
12	$\mathcal{O}(1; \{6^7, 4^6, 3^4, 2^6\})$	3142656
12	$\mathcal{O}(1; \{6^7, 4^6, 3^7, 2^2\})$	25168896
12	$\mathcal{O}(1; \{6^7, 4^8, 3, 2^7\})$	1585152
12	$\mathcal{O}(1; \{6^7, 4^8, 3^4, 2^3\})$	12570624

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^7, 4^{10}, 3, 2^4\})$	6340608
12	$\mathcal{O}(1; \{6^7, 4^{10}, 3^4\})$	50282496
12	$\mathcal{O}(1; \{6^7, 4^{12}, 3, 2\})$	25362432
12	$\mathcal{O}(1; \{6^8, 3^2, 2^{16}\})$	36936
12	$\mathcal{O}(1; \{6^8, 3^5, 2^{12}\})$	294840
12	$\mathcal{O}(1; \{6^8, 3^8, 2^8\})$	2359368
12	$\mathcal{O}(1; \{6^8, 3^{11}, 2^4\})$	18874296
12	$\mathcal{O}(1; \{6^8, 3^{14}\})$	150995016
12	$\mathcal{O}(1; \{6^8, 4^2, 3^2, 2^{13}\})$	98496
12	$\mathcal{O}(1; \{6^8, 4^2, 3^5, 2^9\})$	786240
12	$\mathcal{O}(1; \{6^8, 4^2, 3^8, 2^5\})$	6291648
12	$\mathcal{O}(1; \{6^8, 4^2, 3^{11}, 2\})$	50331456
12	$\mathcal{O}(1; \{6^8, 4^4, 3^2, 2^{10}\})$	393984
12	$\mathcal{O}(1; \{6^8, 4^4, 3^5, 2^6\})$	3144960
12	$\mathcal{O}(1; \{6^8, 4^4, 3^8, 2^2\})$	25166592
12	$\mathcal{O}(1; \{6^8, 4^6, 3^2, 2^7\})$	1575936
12	$\mathcal{O}(1; \{6^8, 4^6, 3^5, 2^3\})$	12579840
12	$\mathcal{O}(1; \{6^8, 4^8, 3^2, 2^4\})$	6303744
12	$\mathcal{O}(1; \{6^8, 4^8, 3^5\})$	50319360
12	$\mathcal{O}(1; \{6^8, 4^{10}, 3^2, 2\})$	25214976
12	$\mathcal{O}(1; \{6^9, 2^{17}\})$	18360
12	$\mathcal{O}(1; \{6^9, 3^3, 2^{13}\})$	147528
12	$\mathcal{O}(1; \{6^9, 3^6, 2^9\})$	1179576
12	$\mathcal{O}(1; \{6^9, 3^9, 2^5\})$	9437256
12	$\mathcal{O}(1; \{6^9, 3^{12}, 2\})$	75497400
12	$\mathcal{O}(1; \{6^9, 4^2, 2^{14}\})$	48960
12	$\mathcal{O}(1; \{6^9, 4^2, 3^3, 2^{10}\})$	393408
12	$\mathcal{O}(1; \{6^9, 4^2, 3^6, 2^6\})$	3145536
12	$\mathcal{O}(1; \{6^9, 4^2, 3^9, 2^2\})$	25166016
12	$\mathcal{O}(1; \{6^9, 4^4, 2^{11}\})$	195840
12	$\mathcal{O}(1; \{6^9, 4^4, 3^3, 2^7\})$	1573632
12	$\mathcal{O}(1; \{6^9, 4^4, 3^6, 2^3\})$	12582144
12	$\mathcal{O}(1; \{6^9, 4^6, 2^8\})$	783360
12	$\mathcal{O}(1; \{6^9, 4^6, 3^3, 2^4\})$	6294528
12	$\mathcal{O}(1; \{6^9, 4^6, 3^6\})$	50328576
12	$\mathcal{O}(1; \{6^9, 4^8, 2^5\})$	3133440
12	$\mathcal{O}(1; \{6^9, 4^8, 3^3, 2\})$	25178112
12	$\mathcal{O}(1; \{6^9, 4^{10}, 2^2\})$	12533760
12	$\mathcal{O}(1; \{6^{10}, 3, 2^{14}\})$	73656
12	$\mathcal{O}(1; \{6^{10}, 3^4, 2^{10}\})$	589896
12	$\mathcal{O}(1; \{6^{10}, 3^7, 2^6\})$	4718520
12	$\mathcal{O}(1; \{6^{10}, 3^{10}, 2^2\})$	37748808
12	$\mathcal{O}(1; \{6^{10}, 4^2, 3, 2^{11}\})$	196416

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^{10}, 4^2, 3^4, 2^7\})$	1573056
12	$\mathcal{O}(1; \{6^{10}, 4^2, 3^7, 2^3\})$	12582720
12	$\mathcal{O}(1; \{6^{10}, 4^4, 3, 2^8\})$	785664
12	$\mathcal{O}(1; \{6^{10}, 4^4, 3^4, 2^4\})$	6292224
12	$\mathcal{O}(1; \{6^{10}, 4^4, 3^7\})$	50330880
12	$\mathcal{O}(1; \{6^{10}, 4^6, 3, 2^5\})$	3142656
12	$\mathcal{O}(1; \{6^{10}, 4^6, 3^4, 2\})$	25168896
12	$\mathcal{O}(1; \{6^{10}, 4^8, 3, 2^2\})$	12570624
12	$\mathcal{O}(1; \{6^{11}, 3^2, 2^{11}\})$	294840
12	$\mathcal{O}(1; \{6^{11}, 3^5, 2^7\})$	2359368
12	$\mathcal{O}(1; \{6^{11}, 3^8, 2^3\})$	18874296
12	$\mathcal{O}(1; \{6^{11}, 4^2, 3^2, 2^8\})$	786240
12	$\mathcal{O}(1; \{6^{11}, 4^2, 3^5, 2^4\})$	6291648
12	$\mathcal{O}(1; \{6^{11}, 4^2, 3^8\})$	50331456
12	$\mathcal{O}(1; \{6^{11}, 4^4, 3^2, 2^5\})$	3144960
12	$\mathcal{O}(1; \{6^{11}, 4^4, 3^5, 2\})$	25166592
12	$\mathcal{O}(1; \{6^{11}, 4^6, 3^2, 2^2\})$	12579840
12	$\mathcal{O}(1; \{6^{12}, 2^{12}\})$	147528
12	$\mathcal{O}(1; \{6^{12}, 3^3, 2^8\})$	1179576
12	$\mathcal{O}(1; \{6^{12}, 3^6, 2^4\})$	9437256
12	$\mathcal{O}(1; \{6^{12}, 3^9\})$	75497400
12	$\mathcal{O}(1; \{6^{12}, 4^2, 2^9\})$	393408
12	$\mathcal{O}(1; \{6^{12}, 4^2, 3^3, 2^5\})$	3145536
12	$\mathcal{O}(1; \{6^{12}, 4^2, 3^6, 2\})$	25166016
12	$\mathcal{O}(1; \{6^{12}, 4^4, 2^6\})$	1573632
12	$\mathcal{O}(1; \{6^{12}, 4^4, 3^3, 2^2\})$	12582144
12	$\mathcal{O}(1; \{6^{12}, 4^6, 2^3\})$	6294528
12	$\mathcal{O}(1; \{6^{12}, 4^8\})$	25178112
12	$\mathcal{O}(1; \{6^{13}, 3, 2^9\})$	589896
12	$\mathcal{O}(1; \{6^{13}, 3^4, 2^5\})$	4718520
12	$\mathcal{O}(1; \{6^{13}, 3^7, 2\})$	37748808
12	$\mathcal{O}(1; \{6^{13}, 4^2, 3, 2^6\})$	1573056
12	$\mathcal{O}(1; \{6^{13}, 4^2, 3^4, 2^2\})$	12582720
12	$\mathcal{O}(1; \{6^{13}, 4^4, 3, 2^3\})$	6292224
12	$\mathcal{O}(1; \{6^{13}, 4^6, 3\})$	25168896
12	$\mathcal{O}(1; \{6^{14}, 3^2, 2^6\})$	2359368
12	$\mathcal{O}(1; \{6^{14}, 3^5, 2^2\})$	18874296
12	$\mathcal{O}(1; \{6^{14}, 4^2, 3^2, 2^3\})$	6291648
12	$\mathcal{O}(1; \{6^{14}, 4^4, 3^2\})$	25166592
12	$\mathcal{O}(1; \{6^{15}, 2^7\})$	1179576
12	$\mathcal{O}(1; \{6^{15}, 3^3, 2^3\})$	9437256
12	$\mathcal{O}(1; \{6^{15}, 4^2, 2^4\})$	3145536
12	$\mathcal{O}(1; \{6^{15}, 4^2, 3^3\})$	25166016

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^{15}, 4^4, 2\})$	12582144
12	$\mathcal{O}(1; \{6^{16}, 3, 2^4\})$	4718520
12	$\mathcal{O}(1; \{6^{16}, 3^4\})$	37748808
12	$\mathcal{O}(1; \{6^{16}, 4^2, 3, 2\})$	12582720
12	$\mathcal{O}(1; \{6^{17}, 3^2, 2\})$	18874296
12	$\mathcal{O}(1; \{6^{18}, 2^2\})$	9437256
12	$\mathcal{O}(1; \{12, 4, 3^2, 2^{26}\})$	576
12	$\mathcal{O}(1; \{12, 4, 3^5, 2^{22}\})$	6336
12	$\mathcal{O}(1; \{12, 4, 3^8, 2^{18}\})$	48960
12	$\mathcal{O}(1; \{12, 4, 3^{11}, 2^{14}\})$	393408
12	$\mathcal{O}(1; \{12, 4, 3^{14}, 2^{10}\})$	3145536
12	$\mathcal{O}(1; \{12, 4, 3^{17}, 2^6\})$	25166016
12	$\mathcal{O}(1; \{12, 4, 3^{20}, 2^2\})$	201326400
12	$\mathcal{O}(1; \{12, 4^3, 3^2, 2^{23}\})$	2304
12	$\mathcal{O}(1; \{12, 4^3, 3^5, 2^{19}\})$	25344
12	$\mathcal{O}(1; \{12, 4^3, 3^8, 2^{15}\})$	195840
12	$\mathcal{O}(1; \{12, 4^3, 3^{11}, 2^{11}\})$	1573632
12	$\mathcal{O}(1; \{12, 4^3, 3^{14}, 2^7\})$	12582144
12	$\mathcal{O}(1; \{12, 4^3, 3^{17}, 2^3\})$	100664064
12	$\mathcal{O}(1; \{12, 4^5, 3^2, 2^{20}\})$	9216
12	$\mathcal{O}(1; \{12, 4^5, 3^5, 2^{16}\})$	101376
12	$\mathcal{O}(1; \{12, 4^5, 3^8, 2^{12}\})$	783360
12	$\mathcal{O}(1; \{12, 4^5, 3^{11}, 2^8\})$	6294528
12	$\mathcal{O}(1; \{12, 4^5, 3^{14}, 2^4\})$	50328576
12	$\mathcal{O}(1; \{12, 4^5, 3^{17}\})$	402656256
12	$\mathcal{O}(1; \{12, 4^7, 3^2, 2^{17}\})$	36864
12	$\mathcal{O}(1; \{12, 4^7, 3^5, 2^{13}\})$	405504
12	$\mathcal{O}(1; \{12, 4^7, 3^8, 2^9\})$	3133440
12	$\mathcal{O}(1; \{12, 4^7, 3^{11}, 2^5\})$	25178112
12	$\mathcal{O}(1; \{12, 4^7, 3^{14}, 2\})$	201314304
12	$\mathcal{O}(1; \{12, 4^9, 3^2, 2^{14}\})$	147456
12	$\mathcal{O}(1; \{12, 4^9, 3^5, 2^{10}\})$	1622016
12	$\mathcal{O}(1; \{12, 4^9, 3^8, 2^6\})$	12533760
12	$\mathcal{O}(1; \{12, 4^9, 3^{11}, 2^2\})$	100712448
12	$\mathcal{O}(1; \{12, 4^{11}, 3^2, 2^{11}\})$	589824
12	$\mathcal{O}(1; \{12, 4^{11}, 3^5, 2^7\})$	6488064
12	$\mathcal{O}(1; \{12, 4^{11}, 3^8, 2^3\})$	50135040
12	$\mathcal{O}(1; \{12, 4^{13}, 3^2, 2^8\})$	2359296
12	$\mathcal{O}(1; \{12, 4^{13}, 3^5, 2^4\})$	25952256
12	$\mathcal{O}(1; \{12, 4^{13}, 3^8\})$	200540160
12	$\mathcal{O}(1; \{12, 4^{15}, 3^2, 2^5\})$	9437184
12	$\mathcal{O}(1; \{12, 4^{15}, 3^5, 2\})$	103809024
12	$\mathcal{O}(1; \{12, 4^{17}, 3^2, 2^2\})$	37748736

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6, 4, 2^{27}\})$	576
12	$\mathcal{O}(1; \{12, 6, 4, 3^3, 2^{23}\})$	2880
12	$\mathcal{O}(1; \{12, 6, 4, 3^6, 2^{19}\})$	24768
12	$\mathcal{O}(1; \{12, 6, 4, 3^9, 2^{15}\})$	196416
12	$\mathcal{O}(1; \{12, 6, 4, 3^{12}, 2^{11}\})$	1573056
12	$\mathcal{O}(1; \{12, 6, 4, 3^{15}, 2^7\})$	12582720
12	$\mathcal{O}(1; \{12, 6, 4, 3^{18}, 2^3\})$	100663488
12	$\mathcal{O}(1; \{12, 6, 4^3, 2^{24}\})$	2304
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^3, 2^{20}\})$	11520
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^6, 2^{16}\})$	99072
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^9, 2^{12}\})$	785664
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^{12}, 2^8\})$	6292224
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^{15}, 2^4\})$	50330880
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^{18}\})$	402653952
12	$\mathcal{O}(1; \{12, 6, 4^5, 2^{21}\})$	9216
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^3, 2^{17}\})$	46080
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^6, 2^{13}\})$	396288
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^9, 2^9\})$	3142656
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^{12}, 2^5\})$	25168896
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^{15}, 2\})$	201323520
12	$\mathcal{O}(1; \{12, 6, 4^7, 2^{18}\})$	36864
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^3, 2^{14}\})$	184320
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^6, 2^{10}\})$	1585152
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^9, 2^6\})$	12570624
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^{12}, 2^2\})$	100675584
12	$\mathcal{O}(1; \{12, 6, 4^9, 2^{15}\})$	147456
12	$\mathcal{O}(1; \{12, 6, 4^9, 3^3, 2^{11}\})$	737280
12	$\mathcal{O}(1; \{12, 6, 4^9, 3^6, 2^7\})$	6340608
12	$\mathcal{O}(1; \{12, 6, 4^9, 3^9, 2^3\})$	50282496
12	$\mathcal{O}(1; \{12, 6, 4^{11}, 2^{12}\})$	589824
12	$\mathcal{O}(1; \{12, 6, 4^{11}, 3^3, 2^8\})$	2949120
12	$\mathcal{O}(1; \{12, 6, 4^{11}, 3^6, 2^4\})$	25362432
12	$\mathcal{O}(1; \{12, 6, 4^{11}, 3^9\})$	201129984
12	$\mathcal{O}(1; \{12, 6, 4^{13}, 2^9\})$	2359296
12	$\mathcal{O}(1; \{12, 6, 4^{13}, 3^3, 2^5\})$	11796480
12	$\mathcal{O}(1; \{12, 6, 4^{13}, 3^6, 2\})$	101449728
12	$\mathcal{O}(1; \{12, 6, 4^{15}, 2^6\})$	9437184
12	$\mathcal{O}(1; \{12, 6, 4^{15}, 3^3, 2^2\})$	47185920
12	$\mathcal{O}(1; \{12, 6, 4^{17}, 2^3\})$	37748736
12	$\mathcal{O}(1; \{12, 6, 4^{19}\})$	150994944
12	$\mathcal{O}(1; \{12, 6^2, 4, 3, 2^{24}\})$	1728
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^4, 2^{20}\})$	12096
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^7, 2^{16}\})$	98496

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^{10}, 2^{12}\})$	786240
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^{13}, 2^8\})$	6291648
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^{16}, 2^4\})$	50331456
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^{19}\})$	402653376
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3, 2^{21}\})$	6912
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^4, 2^{17}\})$	48384
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^7, 2^{13}\})$	393984
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^{10}, 2^9\})$	3144960
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^{13}, 2^5\})$	25166592
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^{16}, 2\})$	201325824
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3, 2^{18}\})$	27648
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^4, 2^{14}\})$	193536
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^7, 2^{10}\})$	1575936
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^{10}, 2^6\})$	12579840
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^{13}, 2^2\})$	100666368
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3, 2^{15}\})$	110592
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^4, 2^{11}\})$	774144
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^7, 2^7\})$	6303744
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^{10}, 2^3\})$	50319360
12	$\mathcal{O}(1; \{12, 6^2, 4^9, 3, 2^{12}\})$	442368
12	$\mathcal{O}(1; \{12, 6^2, 4^9, 3^4, 2^8\})$	3096576
12	$\mathcal{O}(1; \{12, 6^2, 4^9, 3^7, 2^4\})$	25214976
12	$\mathcal{O}(1; \{12, 6^2, 4^9, 3^{10}\})$	201277440
12	$\mathcal{O}(1; \{12, 6^2, 4^{11}, 3, 2^9\})$	1769472
12	$\mathcal{O}(1; \{12, 6^2, 4^{11}, 3^4, 2^5\})$	12386304
12	$\mathcal{O}(1; \{12, 6^2, 4^{11}, 3^7, 2\})$	100859904
12	$\mathcal{O}(1; \{12, 6^2, 4^{13}, 3, 2^6\})$	7077888
12	$\mathcal{O}(1; \{12, 6^2, 4^{13}, 3^4, 2^2\})$	49545216
12	$\mathcal{O}(1; \{12, 6^2, 4^{15}, 3, 2^3\})$	28311552
12	$\mathcal{O}(1; \{12, 6^2, 4^{17}, 3\})$	113246208
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^2, 2^{21}\})$	6336
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^5, 2^{17}\})$	48960
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^8, 2^{13}\})$	393408
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^{11}, 2^9\})$	3145536
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^{14}, 2^5\})$	25166016
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^{17}, 2\})$	201326400
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^2, 2^{18}\})$	25344
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^5, 2^{14}\})$	195840
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^8, 2^{10}\})$	1573632
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^{11}, 2^6\})$	12582144
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^{14}, 2^2\})$	100664064
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^2, 2^{15}\})$	101376
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^5, 2^{11}\})$	783360

Continued on next page

Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^8, 2^7\})$	6294528
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^{11}, 2^3\})$	50328576
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 3^2, 2^{12}\})$	405504
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 3^5, 2^8\})$	3133440
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 3^8, 2^4\})$	25178112
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 3^{11}\})$	201314304
12	$\mathcal{O}(1; \{12, 6^3, 4^9, 3^2, 2^9\})$	1622016
12	$\mathcal{O}(1; \{12, 6^3, 4^9, 3^5, 2^5\})$	12533760
12	$\mathcal{O}(1; \{12, 6^3, 4^9, 3^8, 2\})$	100712448
12	$\mathcal{O}(1; \{12, 6^3, 4^{11}, 3^2, 2^6\})$	6488064
12	$\mathcal{O}(1; \{12, 6^3, 4^{11}, 3^5, 2^2\})$	50135040
12	$\mathcal{O}(1; \{12, 6^3, 4^{13}, 3^2, 2^3\})$	25952256
12	$\mathcal{O}(1; \{12, 6^3, 4^{15}, 3^2\})$	103809024
12	$\mathcal{O}(1; \{12, 6^4, 4, 2^{22}\})$	2880
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^3, 2^{18}\})$	24768
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^6, 2^{14}\})$	196416
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^9, 2^{10}\})$	1573056
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^{12}, 2^6\})$	12582720
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^{15}, 2^2\})$	100663488
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 2^{19}\})$	11520
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^3, 2^{15}\})$	99072
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^6, 2^{11}\})$	785664
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^9, 2^7\})$	6292224
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^{12}, 2^3\})$	50330880
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 2^{16}\})$	46080
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3^3, 2^{12}\})$	396288
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3^6, 2^8\})$	3142656
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3^9, 2^4\})$	25168896
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3^{12}\})$	201323520
12	$\mathcal{O}(1; \{12, 6^4, 4^7, 2^{13}\})$	184320
12	$\mathcal{O}(1; \{12, 6^4, 4^7, 3^3, 2^9\})$	1585152
12	$\mathcal{O}(1; \{12, 6^4, 4^7, 3^6, 2^5\})$	12570624
12	$\mathcal{O}(1; \{12, 6^4, 4^7, 3^9, 2\})$	100675584
12	$\mathcal{O}(1; \{12, 6^4, 4^9, 2^{10}\})$	737280
12	$\mathcal{O}(1; \{12, 6^4, 4^9, 3^3, 2^6\})$	6340608
12	$\mathcal{O}(1; \{12, 6^4, 4^9, 3^6, 2^2\})$	50282496
12	$\mathcal{O}(1; \{12, 6^4, 4^{11}, 2^7\})$	2949120
12	$\mathcal{O}(1; \{12, 6^4, 4^{11}, 3^3, 2^3\})$	25362432
12	$\mathcal{O}(1; \{12, 6^4, 4^{13}, 2^4\})$	11796480
12	$\mathcal{O}(1; \{12, 6^4, 4^{13}, 3^3\})$	101449728
12	$\mathcal{O}(1; \{12, 6^4, 4^{15}, 2\})$	47185920
12	$\mathcal{O}(1; \{12, 6^5, 4, 3, 2^{19}\})$	12096
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^4, 2^{15}\})$	98496

Continued on next page

Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^7, 2^{11}\})$	786240
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^{10}, 2^7\})$	6291648
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^{13}, 2^3\})$	50331456
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3, 2^{16}\})$	48384
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^4, 2^{12}\})$	393984
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^7, 2^8\})$	3144960
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^{10}, 2^4\})$	25166592
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^{13}\})$	201325824
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 3, 2^{13}\})$	193536
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 3^4, 2^9\})$	1575936
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 3^7, 2^5\})$	12579840
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 3^{10}, 2\})$	100666368
12	$\mathcal{O}(1; \{12, 6^5, 4^7, 3, 2^{10}\})$	774144
12	$\mathcal{O}(1; \{12, 6^5, 4^7, 3^4, 2^6\})$	6303744
12	$\mathcal{O}(1; \{12, 6^5, 4^7, 3^7, 2^2\})$	50319360
12	$\mathcal{O}(1; \{12, 6^5, 4^9, 3, 2^7\})$	3096576
12	$\mathcal{O}(1; \{12, 6^5, 4^9, 3^4, 2^3\})$	25214976
12	$\mathcal{O}(1; \{12, 6^5, 4^{11}, 3, 2^4\})$	12386304
12	$\mathcal{O}(1; \{12, 6^5, 4^{11}, 3^4\})$	100859904
12	$\mathcal{O}(1; \{12, 6^5, 4^{13}, 3, 2\})$	49545216
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^2, 2^{16}\})$	48960
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^5, 2^{12}\})$	393408
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^8, 2^8\})$	3145536
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^{11}, 2^4\})$	25166016
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^{14}\})$	201326400
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3^2, 2^{13}\})$	195840
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3^5, 2^9\})$	1573632
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3^8, 2^5\})$	12582144
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3^{11}, 2\})$	100664064
12	$\mathcal{O}(1; \{12, 6^6, 4^5, 3^2, 2^{10}\})$	783360
12	$\mathcal{O}(1; \{12, 6^6, 4^5, 3^5, 2^6\})$	6294528
12	$\mathcal{O}(1; \{12, 6^6, 4^5, 3^8, 2^2\})$	50328576
12	$\mathcal{O}(1; \{12, 6^6, 4^7, 3^2, 2^7\})$	3133440
12	$\mathcal{O}(1; \{12, 6^6, 4^7, 3^5, 2^3\})$	25178112
12	$\mathcal{O}(1; \{12, 6^6, 4^9, 3^2, 2^4\})$	12533760
12	$\mathcal{O}(1; \{12, 6^6, 4^9, 3^5\})$	100712448
12	$\mathcal{O}(1; \{12, 6^6, 4^{11}, 3^2, 2\})$	50135040
12	$\mathcal{O}(1; \{12, 6^7, 4, 2^{17}\})$	24768
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^3, 2^{13}\})$	196416
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^6, 2^9\})$	1573056
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^9, 2^5\})$	12582720
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^{12}, 2\})$	100663488
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 2^{14}\})$	99072

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 3^3, 2^{10}\})$	785664
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 3^6, 2^6\})$	6292224
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 3^9, 2^2\})$	50330880
12	$\mathcal{O}(1; \{12, 6^7, 4^5, 2^{11}\})$	396288
12	$\mathcal{O}(1; \{12, 6^7, 4^5, 3^3, 2^7\})$	3142656
12	$\mathcal{O}(1; \{12, 6^7, 4^5, 3^6, 2^3\})$	25168896
12	$\mathcal{O}(1; \{12, 6^7, 4^7, 2^8\})$	1585152
12	$\mathcal{O}(1; \{12, 6^7, 4^7, 3^3, 2^4\})$	12570624
12	$\mathcal{O}(1; \{12, 6^7, 4^7, 3^6\})$	100675584
12	$\mathcal{O}(1; \{12, 6^7, 4^9, 2^5\})$	6340608
12	$\mathcal{O}(1; \{12, 6^7, 4^9, 3^3, 2\})$	50282496
12	$\mathcal{O}(1; \{12, 6^7, 4^{11}, 2^2\})$	25362432
12	$\mathcal{O}(1; \{12, 6^8, 4, 3, 2^{14}\})$	98496
12	$\mathcal{O}(1; \{12, 6^8, 4, 3^4, 2^{10}\})$	786240
12	$\mathcal{O}(1; \{12, 6^8, 4, 3^7, 2^6\})$	6291648
12	$\mathcal{O}(1; \{12, 6^8, 4, 3^{10}, 2^2\})$	50331456
12	$\mathcal{O}(1; \{12, 6^8, 4^3, 3, 2^{11}\})$	393984
12	$\mathcal{O}(1; \{12, 6^8, 4^3, 3^4, 2^7\})$	3144960
12	$\mathcal{O}(1; \{12, 6^8, 4^3, 3^7, 2^3\})$	25166592
12	$\mathcal{O}(1; \{12, 6^8, 4^5, 3, 2^8\})$	1575936
12	$\mathcal{O}(1; \{12, 6^8, 4^5, 3^4, 2^4\})$	12579840
12	$\mathcal{O}(1; \{12, 6^8, 4^5, 3^7\})$	100666368
12	$\mathcal{O}(1; \{12, 6^8, 4^7, 3, 2^5\})$	6303744
12	$\mathcal{O}(1; \{12, 6^8, 4^7, 3^4, 2\})$	50319360
12	$\mathcal{O}(1; \{12, 6^8, 4^9, 3, 2^2\})$	25214976
12	$\mathcal{O}(1; \{12, 6^9, 4, 3^2, 2^{11}\})$	393408
12	$\mathcal{O}(1; \{12, 6^9, 4, 3^5, 2^7\})$	3145536
12	$\mathcal{O}(1; \{12, 6^9, 4, 3^8, 2^3\})$	25166016
12	$\mathcal{O}(1; \{12, 6^9, 4^3, 3^2, 2^8\})$	1573632
12	$\mathcal{O}(1; \{12, 6^9, 4^3, 3^5, 2^4\})$	12582144
12	$\mathcal{O}(1; \{12, 6^9, 4^3, 3^8\})$	100664064
12	$\mathcal{O}(1; \{12, 6^9, 4^5, 3^2, 2^5\})$	6294528
12	$\mathcal{O}(1; \{12, 6^9, 4^5, 3^5, 2\})$	50328576
12	$\mathcal{O}(1; \{12, 6^9, 4^7, 3^2, 2^2\})$	25178112
12	$\mathcal{O}(1; \{12, 6^{10}, 4, 2^{12}\})$	196416
12	$\mathcal{O}(1; \{12, 6^{10}, 4, 3^3, 2^8\})$	1573056
12	$\mathcal{O}(1; \{12, 6^{10}, 4, 3^6, 2^4\})$	12582720
12	$\mathcal{O}(1; \{12, 6^{10}, 4, 3^9\})$	100663488
12	$\mathcal{O}(1; \{12, 6^{10}, 4^3, 2^9\})$	785664
12	$\mathcal{O}(1; \{12, 6^{10}, 4^3, 3^3, 2^5\})$	6292224
12	$\mathcal{O}(1; \{12, 6^{10}, 4^3, 3^6, 2\})$	50330880
12	$\mathcal{O}(1; \{12, 6^{10}, 4^5, 2^6\})$	3142656
12	$\mathcal{O}(1; \{12, 6^{10}, 4^5, 3^3, 2^2\})$	25168896

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^{10}, 4^7, 2^3\})$	12570624
12	$\mathcal{O}(1; \{12, 6^{10}, 4^9\})$	50282496
12	$\mathcal{O}(1; \{12, 6^{11}, 4, 3, 2^9\})$	786240
12	$\mathcal{O}(1; \{12, 6^{11}, 4, 3^4, 2^5\})$	6291648
12	$\mathcal{O}(1; \{12, 6^{11}, 4, 3^7, 2\})$	50331456
12	$\mathcal{O}(1; \{12, 6^{11}, 4^3, 3, 2^6\})$	3144960
12	$\mathcal{O}(1; \{12, 6^{11}, 4^3, 3^4, 2^2\})$	25166592
12	$\mathcal{O}(1; \{12, 6^{11}, 4^5, 3, 2^3\})$	12579840
12	$\mathcal{O}(1; \{12, 6^{11}, 4^7, 3\})$	50319360
12	$\mathcal{O}(1; \{12, 6^{12}, 4, 3^2, 2^6\})$	3145536
12	$\mathcal{O}(1; \{12, 6^{12}, 4, 3^5, 2^2\})$	25166016
12	$\mathcal{O}(1; \{12, 6^{12}, 4^3, 3^2, 2^3\})$	12582144
12	$\mathcal{O}(1; \{12, 6^{12}, 4^5, 3^2\})$	50328576
12	$\mathcal{O}(1; \{12, 6^{13}, 4, 2^7\})$	1573056
12	$\mathcal{O}(1; \{12, 6^{13}, 4, 3^3, 2^3\})$	12582720
12	$\mathcal{O}(1; \{12, 6^{13}, 4^3, 2^4\})$	6292224
12	$\mathcal{O}(1; \{12, 6^{13}, 4^3, 3^3\})$	50330880
12	$\mathcal{O}(1; \{12, 6^{13}, 4^5, 2\})$	25168896
12	$\mathcal{O}(1; \{12, 6^{14}, 4, 3, 2^4\})$	6291648
12	$\mathcal{O}(1; \{12, 6^{14}, 4, 3^4\})$	50331456
12	$\mathcal{O}(1; \{12, 6^{14}, 4^3, 3, 2\})$	25166592
12	$\mathcal{O}(1; \{12, 6^{15}, 4, 3^2, 2\})$	25166016
12	$\mathcal{O}(1; \{12, 6^{16}, 4, 2^2\})$	12582720
12	$\mathcal{O}(1; \{12^2, 3, 2^{27}\})$	576
12	$\mathcal{O}(1; \{12^2, 3^4, 2^{23}\})$	6336
12	$\mathcal{O}(1; \{12^2, 3^7, 2^{19}\})$	48960
12	$\mathcal{O}(1; \{12^2, 3^{10}, 2^{15}\})$	393408
12	$\mathcal{O}(1; \{12^2, 3^{13}, 2^{11}\})$	3145536
12	$\mathcal{O}(1; \{12^2, 3^{16}, 2^7\})$	25166016
12	$\mathcal{O}(1; \{12^2, 3^{19}, 2^3\})$	201326400
12	$\mathcal{O}(1; \{12^2, 4^2, 3, 2^{24}\})$	2304
12	$\mathcal{O}(1; \{12^2, 4^2, 3^4, 2^{20}\})$	25344
12	$\mathcal{O}(1; \{12^2, 4^2, 3^7, 2^{16}\})$	195840
12	$\mathcal{O}(1; \{12^2, 4^2, 3^{10}, 2^{12}\})$	1573632
12	$\mathcal{O}(1; \{12^2, 4^2, 3^{13}, 2^8\})$	12582144
12	$\mathcal{O}(1; \{12^2, 4^2, 3^{16}, 2^4\})$	100664064
12	$\mathcal{O}(1; \{12^2, 4^2, 3^{19}\})$	805305600
12	$\mathcal{O}(1; \{12^2, 4^4, 3, 2^{21}\})$	9216
12	$\mathcal{O}(1; \{12^2, 4^4, 3^4, 2^{17}\})$	101376
12	$\mathcal{O}(1; \{12^2, 4^4, 3^7, 2^{13}\})$	783360
12	$\mathcal{O}(1; \{12^2, 4^4, 3^{10}, 2^9\})$	6294528
12	$\mathcal{O}(1; \{12^2, 4^4, 3^{13}, 2^5\})$	50328576
12	$\mathcal{O}(1; \{12^2, 4^4, 3^{16}, 2\})$	402656256

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 4^6, 3, 2^{18}\})$	36864
12	$\mathcal{O}(1; \{12^2, 4^6, 3^4, 2^{14}\})$	405504
12	$\mathcal{O}(1; \{12^2, 4^6, 3^7, 2^{10}\})$	3133440
12	$\mathcal{O}(1; \{12^2, 4^6, 3^{10}, 2^6\})$	25178112
12	$\mathcal{O}(1; \{12^2, 4^6, 3^{13}, 2^2\})$	201314304
12	$\mathcal{O}(1; \{12^2, 4^8, 3, 2^{15}\})$	147456
12	$\mathcal{O}(1; \{12^2, 4^8, 3^4, 2^{11}\})$	1622016
12	$\mathcal{O}(1; \{12^2, 4^8, 3^7, 2^7\})$	12533760
12	$\mathcal{O}(1; \{12^2, 4^8, 3^{10}, 2^3\})$	100712448
12	$\mathcal{O}(1; \{12^2, 4^{10}, 3, 2^{12}\})$	589824
12	$\mathcal{O}(1; \{12^2, 4^{10}, 3^4, 2^8\})$	6488064
12	$\mathcal{O}(1; \{12^2, 4^{10}, 3^7, 2^4\})$	50135040
12	$\mathcal{O}(1; \{12^2, 4^{10}, 3^{10}\})$	402849792
12	$\mathcal{O}(1; \{12^2, 4^{12}, 3, 2^9\})$	2359296
12	$\mathcal{O}(1; \{12^2, 4^{12}, 3^4, 2^5\})$	25952256
12	$\mathcal{O}(1; \{12^2, 4^{12}, 3^7, 2\})$	200540160
12	$\mathcal{O}(1; \{12^2, 4^{14}, 3, 2^6\})$	9437184
12	$\mathcal{O}(1; \{12^2, 4^{14}, 3^4, 2^2\})$	103809024
12	$\mathcal{O}(1; \{12^2, 4^{16}, 3, 2^3\})$	37748736
12	$\mathcal{O}(1; \{12^2, 4^{18}, 3\})$	150994944
12	$\mathcal{O}(1; \{12^2, 6, 3^2, 2^{24}\})$	2880
12	$\mathcal{O}(1; \{12^2, 6, 3^5, 2^{20}\})$	24768
12	$\mathcal{O}(1; \{12^2, 6, 3^8, 2^{16}\})$	196416
12	$\mathcal{O}(1; \{12^2, 6, 3^{11}, 2^{12}\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6, 3^{14}, 2^8\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6, 3^{17}, 2^4\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6, 3^{20}\})$	805306176
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^2, 2^{21}\})$	11520
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^5, 2^{17}\})$	99072
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^8, 2^{13}\})$	785664
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^{11}, 2^9\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^{14}, 2^5\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^{17}, 2\})$	402653952
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^2, 2^{18}\})$	46080
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^5, 2^{14}\})$	396288
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^8, 2^{10}\})$	3142656
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^{11}, 2^6\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^{14}, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^2, 2^{15}\})$	184320
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^5, 2^{11}\})$	1585152
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^8, 2^7\})$	12570624
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^{11}, 2^3\})$	100675584
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 3^2, 2^{12}\})$	737280

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 3^5, 2^8\})$	6340608
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 3^8, 2^4\})$	50282496
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 3^{11}\})$	402702336
12	$\mathcal{O}(1; \{12^2, 6, 4^{10}, 3^2, 2^9\})$	2949120
12	$\mathcal{O}(1; \{12^2, 6, 4^{10}, 3^5, 2^5\})$	25362432
12	$\mathcal{O}(1; \{12^2, 6, 4^{10}, 3^8, 2\})$	201129984
12	$\mathcal{O}(1; \{12^2, 6, 4^{12}, 3^2, 2^6\})$	11796480
12	$\mathcal{O}(1; \{12^2, 6, 4^{12}, 3^5, 2^2\})$	101449728
12	$\mathcal{O}(1; \{12^2, 6, 4^{14}, 3^2, 2^3\})$	47185920
12	$\mathcal{O}(1; \{12^2, 6, 4^{16}, 3^2\})$	188743680
12	$\mathcal{O}(1; \{12^2, 6^2, 2^{25}\})$	1728
12	$\mathcal{O}(1; \{12^2, 6^2, 3^3, 2^{21}\})$	12096
12	$\mathcal{O}(1; \{12^2, 6^2, 3^6, 2^{17}\})$	98496
12	$\mathcal{O}(1; \{12^2, 6^2, 3^9, 2^{13}\})$	786240
12	$\mathcal{O}(1; \{12^2, 6^2, 3^{12}, 2^9\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^2, 3^{15}, 2^5\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^2, 3^{18}, 2\})$	402653376
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 2^{22}\})$	6912
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^3, 2^{18}\})$	48384
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^6, 2^{14}\})$	393984
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^9, 2^{10}\})$	3144960
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^{12}, 2^6\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^{15}, 2^2\})$	201325824
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 2^{19}\})$	27648
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^3, 2^{15}\})$	193536
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^6, 2^{11}\})$	1575936
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^9, 2^7\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^{12}, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 2^{16}\})$	110592
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3^3, 2^{12}\})$	774144
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3^6, 2^8\})$	6303744
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3^9, 2^4\})$	50319360
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3^{12}\})$	402665472
12	$\mathcal{O}(1; \{12^2, 6^2, 4^8, 2^{13}\})$	442368
12	$\mathcal{O}(1; \{12^2, 6^2, 4^8, 3^3, 2^9\})$	3096576
12	$\mathcal{O}(1; \{12^2, 6^2, 4^8, 3^6, 2^5\})$	25214976
12	$\mathcal{O}(1; \{12^2, 6^2, 4^8, 3^9, 2\})$	201277440
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{10}, 2^{10}\})$	1769472
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{10}, 3^3, 2^6\})$	12386304
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{10}, 3^6, 2^2\})$	100859904
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{12}, 2^7\})$	7077888
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{12}, 3^3, 2^3\})$	49545216
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{14}, 2^4\})$	28311552

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{14}, 3^3\})$	198180864
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{16}, 2\})$	113246208
12	$\mathcal{O}(1; \{12^2, 6^3, 3, 2^{22}\})$	6336
12	$\mathcal{O}(1; \{12^2, 6^3, 3^4, 2^{18}\})$	48960
12	$\mathcal{O}(1; \{12^2, 6^3, 3^7, 2^{14}\})$	393408
12	$\mathcal{O}(1; \{12^2, 6^3, 3^{10}, 2^{10}\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^3, 3^{13}, 2^6\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^3, 3^{16}, 2^2\})$	201326400
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3, 2^{19}\})$	25344
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^4, 2^{15}\})$	195840
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^7, 2^{11}\})$	1573632
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^{10}, 2^7\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^{13}, 2^3\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3, 2^{16}\})$	101376
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^4, 2^{12}\})$	783360
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^7, 2^8\})$	6294528
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^{10}, 2^4\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^{13}\})$	402656256
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 3, 2^{13}\})$	405504
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 3^4, 2^9\})$	3133440
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 3^7, 2^5\})$	25178112
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 3^{10}, 2\})$	201314304
12	$\mathcal{O}(1; \{12^2, 6^3, 4^8, 3, 2^{10}\})$	1622016
12	$\mathcal{O}(1; \{12^2, 6^3, 4^8, 3^4, 2^6\})$	12533760
12	$\mathcal{O}(1; \{12^2, 6^3, 4^8, 3^7, 2^2\})$	100712448
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{10}, 3, 2^7\})$	6488064
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{10}, 3^4, 2^3\})$	50135040
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{12}, 3, 2^4\})$	25952256
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{12}, 3^4\})$	200540160
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{14}, 3, 2\})$	103809024
12	$\mathcal{O}(1; \{12^2, 6^4, 3^2, 2^{19}\})$	24768
12	$\mathcal{O}(1; \{12^2, 6^4, 3^5, 2^{15}\})$	196416
12	$\mathcal{O}(1; \{12^2, 6^4, 3^8, 2^{11}\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^4, 3^{11}, 2^7\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^4, 3^{14}, 2^3\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^2, 2^{16}\})$	99072
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^5, 2^{12}\})$	785664
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^8, 2^8\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^{11}, 2^4\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^{14}\})$	402653952
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3^2, 2^{13}\})$	396288
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3^5, 2^9\})$	3142656
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3^8, 2^5\})$	25168896

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3^{11}, 2\})$	201323520
12	$\mathcal{O}(1; \{12^2, 6^4, 4^6, 3^2, 2^{10}\})$	1585152
12	$\mathcal{O}(1; \{12^2, 6^4, 4^6, 3^5, 2^6\})$	12570624
12	$\mathcal{O}(1; \{12^2, 6^4, 4^6, 3^8, 2^2\})$	100675584
12	$\mathcal{O}(1; \{12^2, 6^4, 4^8, 3^2, 2^7\})$	6340608
12	$\mathcal{O}(1; \{12^2, 6^4, 4^8, 3^5, 2^3\})$	50282496
12	$\mathcal{O}(1; \{12^2, 6^4, 4^{10}, 3^2, 2^4\})$	25362432
12	$\mathcal{O}(1; \{12^2, 6^4, 4^{10}, 3^5\})$	201129984
12	$\mathcal{O}(1; \{12^2, 6^4, 4^{12}, 3^2, 2\})$	101449728
12	$\mathcal{O}(1; \{12^2, 6^5, 2^{20}\})$	12096
12	$\mathcal{O}(1; \{12^2, 6^5, 3^3, 2^{16}\})$	98496
12	$\mathcal{O}(1; \{12^2, 6^5, 3^6, 2^{12}\})$	786240
12	$\mathcal{O}(1; \{12^2, 6^5, 3^9, 2^8\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^5, 3^{12}, 2^4\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^5, 3^{15}\})$	402653376
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 2^{17}\})$	48384
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^3, 2^{13}\})$	393984
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^6, 2^9\})$	3144960
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^9, 2^5\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^{12}, 2\})$	201325824
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 2^{14}\})$	193536
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 3^3, 2^{10}\})$	1575936
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 3^6, 2^6\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 3^9, 2^2\})$	100666368
12	$\mathcal{O}(1; \{12^2, 6^5, 4^6, 2^{11}\})$	774144
12	$\mathcal{O}(1; \{12^2, 6^5, 4^6, 3^3, 2^7\})$	6303744
12	$\mathcal{O}(1; \{12^2, 6^5, 4^6, 3^6, 2^3\})$	50319360
12	$\mathcal{O}(1; \{12^2, 6^5, 4^8, 2^8\})$	3096576
12	$\mathcal{O}(1; \{12^2, 6^5, 4^8, 3^3, 2^4\})$	25214976
12	$\mathcal{O}(1; \{12^2, 6^5, 4^8, 3^6\})$	201277440
12	$\mathcal{O}(1; \{12^2, 6^5, 4^{10}, 2^5\})$	12386304
12	$\mathcal{O}(1; \{12^2, 6^5, 4^{10}, 3^3, 2\})$	100859904
12	$\mathcal{O}(1; \{12^2, 6^5, 4^{12}, 2^2\})$	49545216
12	$\mathcal{O}(1; \{12^2, 6^6, 3, 2^{17}\})$	48960
12	$\mathcal{O}(1; \{12^2, 6^6, 3^4, 2^{13}\})$	393408
12	$\mathcal{O}(1; \{12^2, 6^6, 3^7, 2^9\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^6, 3^{10}, 2^5\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^6, 3^{13}, 2\})$	201326400
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3, 2^{14}\})$	195840
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3^4, 2^{10}\})$	1573632
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3^7, 2^6\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3^{10}, 2^2\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6^6, 4^4, 3, 2^{11}\})$	783360

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^6, 4^4, 3^4, 2^7\})$	6294528
12	$\mathcal{O}(1; \{12^2, 6^6, 4^4, 3^7, 2^3\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^6, 4^6, 3, 2^8\})$	3133440
12	$\mathcal{O}(1; \{12^2, 6^6, 4^6, 3^4, 2^4\})$	25178112
12	$\mathcal{O}(1; \{12^2, 6^6, 4^6, 3^7\})$	201314304
12	$\mathcal{O}(1; \{12^2, 6^6, 4^8, 3, 2^5\})$	12533760
12	$\mathcal{O}(1; \{12^2, 6^6, 4^8, 3^4, 2\})$	100712448
12	$\mathcal{O}(1; \{12^2, 6^6, 4^{10}, 3, 2^2\})$	50135040
12	$\mathcal{O}(1; \{12^2, 6^7, 3^2, 2^{14}\})$	196416
12	$\mathcal{O}(1; \{12^2, 6^7, 3^5, 2^{10}\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^7, 3^8, 2^6\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^7, 3^{11}, 2^2\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 3^2, 2^{11}\})$	785664
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 3^5, 2^7\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 3^8, 2^3\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^7, 4^4, 3^2, 2^8\})$	3142656
12	$\mathcal{O}(1; \{12^2, 6^7, 4^4, 3^5, 2^4\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6^7, 4^4, 3^8\})$	201323520
12	$\mathcal{O}(1; \{12^2, 6^7, 4^6, 3^2, 2^5\})$	12570624
12	$\mathcal{O}(1; \{12^2, 6^7, 4^6, 3^5, 2\})$	100675584
12	$\mathcal{O}(1; \{12^2, 6^7, 4^8, 3^2, 2^2\})$	50282496
12	$\mathcal{O}(1; \{12^2, 6^8, 2^{15}\})$	98496
12	$\mathcal{O}(1; \{12^2, 6^8, 3^3, 2^{11}\})$	786240
12	$\mathcal{O}(1; \{12^2, 6^8, 3^6, 2^7\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^8, 3^9, 2^3\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^8, 4^2, 2^{12}\})$	393984
12	$\mathcal{O}(1; \{12^2, 6^8, 4^2, 3^3, 2^8\})$	3144960
12	$\mathcal{O}(1; \{12^2, 6^8, 4^2, 3^6, 2^4\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^8, 4^2, 3^9\})$	201325824
12	$\mathcal{O}(1; \{12^2, 6^8, 4^4, 2^9\})$	1575936
12	$\mathcal{O}(1; \{12^2, 6^8, 4^4, 3^3, 2^5\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6^8, 4^4, 3^6, 2\})$	100666368
12	$\mathcal{O}(1; \{12^2, 6^8, 4^6, 2^6\})$	6303744
12	$\mathcal{O}(1; \{12^2, 6^8, 4^6, 3^3, 2^2\})$	50319360
12	$\mathcal{O}(1; \{12^2, 6^8, 4^8, 2^3\})$	25214976
12	$\mathcal{O}(1; \{12^2, 6^8, 4^{10}\})$	100859904
12	$\mathcal{O}(1; \{12^2, 6^9, 3, 2^{12}\})$	393408
12	$\mathcal{O}(1; \{12^2, 6^9, 3^4, 2^8\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^9, 3^7, 2^4\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^9, 3^{10}\})$	201326400
12	$\mathcal{O}(1; \{12^2, 6^9, 4^2, 3, 2^9\})$	1573632
12	$\mathcal{O}(1; \{12^2, 6^9, 4^2, 3^4, 2^5\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^9, 4^2, 3^7, 2\})$	100664064

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^9, 4^4, 3, 2^6\})$	6294528
12	$\mathcal{O}(1; \{12^2, 6^9, 4^4, 3^4, 2^2\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^9, 4^6, 3, 2^3\})$	25178112
12	$\mathcal{O}(1; \{12^2, 6^9, 4^8, 3\})$	100712448
12	$\mathcal{O}(1; \{12^2, 6^{10}, 3^2, 2^9\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^{10}, 3^5, 2^5\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^{10}, 3^8, 2\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^2, 3^2, 2^6\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^2, 3^5, 2^2\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^4, 3^2, 2^3\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^6, 3^2\})$	100675584
12	$\mathcal{O}(1; \{12^2, 6^{11}, 2^{10}\})$	786240
12	$\mathcal{O}(1; \{12^2, 6^{11}, 3^3, 2^6\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^{11}, 3^6, 2^2\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^2, 2^7\})$	3144960
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^2, 3^3, 2^3\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^4, 2^4\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^4, 3^3\})$	100666368
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^6, 2\})$	50319360
12	$\mathcal{O}(1; \{12^2, 6^{12}, 3, 2^7\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^{12}, 3^4, 2^3\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^{12}, 4^2, 3, 2^4\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^{12}, 4^2, 3^4\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6^{12}, 4^4, 3, 2\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^{13}, 3^2, 2^4\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^{13}, 3^5\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^{13}, 4^2, 3^2, 2\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^{14}, 2^5\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^{14}, 3^3, 2\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^{14}, 4^2, 2^2\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^{15}, 3, 2^2\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^{17}\})$	50331456
12	$\mathcal{O}(1; \{12^3, 4, 2^{25}\})$	2304
12	$\mathcal{O}(1; \{12^3, 4, 3^3, 2^{21}\})$	25344
12	$\mathcal{O}(1; \{12^3, 4, 3^6, 2^{17}\})$	195840
12	$\mathcal{O}(1; \{12^3, 4, 3^9, 2^{13}\})$	1573632
12	$\mathcal{O}(1; \{12^3, 4, 3^{12}, 2^9\})$	12582144
12	$\mathcal{O}(1; \{12^3, 4, 3^{15}, 2^5\})$	100664064
12	$\mathcal{O}(1; \{12^3, 4, 3^{18}, 2\})$	805305600
12	$\mathcal{O}(1; \{12^3, 4^3, 2^{22}\})$	9216
12	$\mathcal{O}(1; \{12^3, 4^3, 3^3, 2^{18}\})$	101376
12	$\mathcal{O}(1; \{12^3, 4^3, 3^6, 2^{14}\})$	783360
12	$\mathcal{O}(1; \{12^3, 4^3, 3^9, 2^{10}\})$	6294528

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 4^3, 3^{12}, 2^6\})$	50328576
12	$\mathcal{O}(1; \{12^3, 4^3, 3^{15}, 2^2\})$	402656256
12	$\mathcal{O}(1; \{12^3, 4^5, 2^{19}\})$	36864
12	$\mathcal{O}(1; \{12^3, 4^5, 3^3, 2^{15}\})$	405504
12	$\mathcal{O}(1; \{12^3, 4^5, 3^6, 2^{11}\})$	3133440
12	$\mathcal{O}(1; \{12^3, 4^5, 3^9, 2^7\})$	25178112
12	$\mathcal{O}(1; \{12^3, 4^5, 3^{12}, 2^3\})$	201314304
12	$\mathcal{O}(1; \{12^3, 4^7, 2^{16}\})$	147456
12	$\mathcal{O}(1; \{12^3, 4^7, 3^3, 2^{12}\})$	1622016
12	$\mathcal{O}(1; \{12^3, 4^7, 3^6, 2^8\})$	12533760
12	$\mathcal{O}(1; \{12^3, 4^7, 3^9, 2^4\})$	100712448
12	$\mathcal{O}(1; \{12^3, 4^7, 3^{12}\})$	805257216
12	$\mathcal{O}(1; \{12^3, 4^9, 2^{13}\})$	589824
12	$\mathcal{O}(1; \{12^3, 4^9, 3^3, 2^9\})$	6488064
12	$\mathcal{O}(1; \{12^3, 4^9, 3^6, 2^5\})$	50135040
12	$\mathcal{O}(1; \{12^3, 4^9, 3^9, 2\})$	402849792
12	$\mathcal{O}(1; \{12^3, 4^{11}, 2^{10}\})$	2359296
12	$\mathcal{O}(1; \{12^3, 4^{11}, 3^3, 2^6\})$	25952256
12	$\mathcal{O}(1; \{12^3, 4^{11}, 3^6, 2^2\})$	200540160
12	$\mathcal{O}(1; \{12^3, 4^{13}, 2^7\})$	9437184
12	$\mathcal{O}(1; \{12^3, 4^{13}, 3^3, 2^3\})$	103809024
12	$\mathcal{O}(1; \{12^3, 4^{15}, 2^4\})$	37748736
12	$\mathcal{O}(1; \{12^3, 4^{15}, 3^3\})$	415236096
12	$\mathcal{O}(1; \{12^3, 4^{17}, 2\})$	150994944
12	$\mathcal{O}(1; \{12^3, 6, 4, 3, 2^{22}\})$	11520
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^4, 2^{18}\})$	99072
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^7, 2^{14}\})$	785664
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^{10}, 2^{10}\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^{13}, 2^6\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^{16}, 2^2\})$	402653952
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3, 2^{19}\})$	46080
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^4, 2^{15}\})$	396288
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^7, 2^{11}\})$	3142656
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^{10}, 2^7\})$	25168896
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^{13}, 2^3\})$	201323520
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3, 2^{16}\})$	184320
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^4, 2^{12}\})$	1585152
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^7, 2^8\})$	12570624
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^{10}, 2^4\})$	100675584
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^{13}\})$	805294080
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 3, 2^{13}\})$	737280
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 3^4, 2^9\})$	6340608
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 3^7, 2^5\})$	50282496

Continued on next page

Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 3^{10}, 2\})$	402702336
12	$\mathcal{O}(1; \{12^3, 6, 4^9, 3, 2^{10}\})$	2949120
12	$\mathcal{O}(1; \{12^3, 6, 4^9, 3^4, 2^6\})$	25362432
12	$\mathcal{O}(1; \{12^3, 6, 4^9, 3^7, 2^2\})$	201129984
12	$\mathcal{O}(1; \{12^3, 6, 4^{11}, 3, 2^7\})$	11796480
12	$\mathcal{O}(1; \{12^3, 6, 4^{11}, 3^4, 2^3\})$	101449728
12	$\mathcal{O}(1; \{12^3, 6, 4^{13}, 3, 2^4\})$	47185920
12	$\mathcal{O}(1; \{12^3, 6, 4^{13}, 3^4\})$	405798912
12	$\mathcal{O}(1; \{12^3, 6, 4^{15}, 3, 2\})$	188743680
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^2, 2^{19}\})$	48384
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^5, 2^{15}\})$	393984
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^8, 2^{11}\})$	3144960
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^{11}, 2^7\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^{14}, 2^3\})$	201325824
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^2, 2^{16}\})$	193536
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^5, 2^{12}\})$	1575936
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^8, 2^8\})$	12579840
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^{11}, 2^4\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^{14}\})$	805303296
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3^2, 2^{13}\})$	774144
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3^5, 2^9\})$	6303744
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3^8, 2^5\})$	50319360
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3^{11}, 2\})$	402665472
12	$\mathcal{O}(1; \{12^3, 6^2, 4^7, 3^2, 2^{10}\})$	3096576
12	$\mathcal{O}(1; \{12^3, 6^2, 4^7, 3^5, 2^6\})$	25214976
12	$\mathcal{O}(1; \{12^3, 6^2, 4^7, 3^8, 2^2\})$	201277440
12	$\mathcal{O}(1; \{12^3, 6^2, 4^9, 3^2, 2^7\})$	12386304
12	$\mathcal{O}(1; \{12^3, 6^2, 4^9, 3^5, 2^3\})$	100859904
12	$\mathcal{O}(1; \{12^3, 6^2, 4^{11}, 3^2, 2^4\})$	49545216
12	$\mathcal{O}(1; \{12^3, 6^2, 4^{11}, 3^5\})$	403439616
12	$\mathcal{O}(1; \{12^3, 6^2, 4^{13}, 3^2, 2\})$	198180864
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 2^{20}\})$	25344
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^3, 2^{16}\})$	195840
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^6, 2^{12}\})$	1573632
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^9, 2^8\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^{12}, 2^4\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^{15}\})$	805305600
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 2^{17}\})$	101376
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^3, 2^{13}\})$	783360
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^6, 2^9\})$	6294528
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^9, 2^5\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^{12}, 2\})$	402656256
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 2^{14}\})$	405504

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 3^3, 2^{10}\})$	3133440
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 3^6, 2^6\})$	25178112
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 3^9, 2^2\})$	201314304
12	$\mathcal{O}(1; \{12^3, 6^3, 4^7, 2^{11}\})$	1622016
12	$\mathcal{O}(1; \{12^3, 6^3, 4^7, 3^3, 2^7\})$	12533760
12	$\mathcal{O}(1; \{12^3, 6^3, 4^7, 3^6, 2^3\})$	100712448
12	$\mathcal{O}(1; \{12^3, 6^3, 4^9, 2^8\})$	6488064
12	$\mathcal{O}(1; \{12^3, 6^3, 4^9, 3^3, 2^4\})$	50135040
12	$\mathcal{O}(1; \{12^3, 6^3, 4^9, 3^6\})$	402849792
12	$\mathcal{O}(1; \{12^3, 6^3, 4^{11}, 2^5\})$	25952256
12	$\mathcal{O}(1; \{12^3, 6^3, 4^{11}, 3^3, 2\})$	200540160
12	$\mathcal{O}(1; \{12^3, 6^3, 4^{13}, 2^2\})$	103809024
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3, 2^{17}\})$	99072
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^4, 2^{13}\})$	785664
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^7, 2^9\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^{10}, 2^5\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^{13}, 2\})$	402653952
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3, 2^{14}\})$	396288
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3^4, 2^{10}\})$	3142656
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3^7, 2^6\})$	25168896
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3^{10}, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12^3, 6^4, 4^5, 3, 2^{11}\})$	1585152
12	$\mathcal{O}(1; \{12^3, 6^4, 4^5, 3^4, 2^7\})$	12570624
12	$\mathcal{O}(1; \{12^3, 6^4, 4^5, 3^7, 2^3\})$	100675584
12	$\mathcal{O}(1; \{12^3, 6^4, 4^7, 3, 2^8\})$	6340608
12	$\mathcal{O}(1; \{12^3, 6^4, 4^7, 3^4, 2^4\})$	50282496
12	$\mathcal{O}(1; \{12^3, 6^4, 4^7, 3^7\})$	402702336
12	$\mathcal{O}(1; \{12^3, 6^4, 4^9, 3, 2^5\})$	25362432
12	$\mathcal{O}(1; \{12^3, 6^4, 4^9, 3^4, 2\})$	201129984
12	$\mathcal{O}(1; \{12^3, 6^4, 4^{11}, 3, 2^2\})$	101449728
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^2, 2^{14}\})$	393984
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^5, 2^{10}\})$	3144960
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^8, 2^6\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^{11}, 2^2\})$	201325824
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 3^2, 2^{11}\})$	1575936
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 3^5, 2^7\})$	12579840
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 3^8, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^5, 4^5, 3^2, 2^8\})$	6303744
12	$\mathcal{O}(1; \{12^3, 6^5, 4^5, 3^5, 2^4\})$	50319360
12	$\mathcal{O}(1; \{12^3, 6^5, 4^5, 3^8\})$	402665472
12	$\mathcal{O}(1; \{12^3, 6^5, 4^7, 3^2, 2^5\})$	25214976
12	$\mathcal{O}(1; \{12^3, 6^5, 4^7, 3^5, 2\})$	201277440
12	$\mathcal{O}(1; \{12^3, 6^5, 4^9, 3^2, 2^2\})$	100859904

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 2^{15}\})$	195840
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3^3, 2^{11}\})$	1573632
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3^6, 2^7\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3^9, 2^3\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^6, 4^3, 2^{12}\})$	783360
12	$\mathcal{O}(1; \{12^3, 6^6, 4^3, 3^3, 2^8\})$	6294528
12	$\mathcal{O}(1; \{12^3, 6^6, 4^3, 3^6, 2^4\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6^6, 4^3, 3^9\})$	402656256
12	$\mathcal{O}(1; \{12^3, 6^6, 4^5, 2^9\})$	3133440
12	$\mathcal{O}(1; \{12^3, 6^6, 4^5, 3^3, 2^5\})$	25178112
12	$\mathcal{O}(1; \{12^3, 6^6, 4^5, 3^6, 2\})$	201314304
12	$\mathcal{O}(1; \{12^3, 6^6, 4^7, 2^6\})$	12533760
12	$\mathcal{O}(1; \{12^3, 6^6, 4^7, 3^3, 2^2\})$	100712448
12	$\mathcal{O}(1; \{12^3, 6^6, 4^9, 2^3\})$	50135040
12	$\mathcal{O}(1; \{12^3, 6^6, 4^{11}\})$	200540160
12	$\mathcal{O}(1; \{12^3, 6^7, 4, 3, 2^{12}\})$	785664
12	$\mathcal{O}(1; \{12^3, 6^7, 4, 3^4, 2^8\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6^7, 4, 3^7, 2^4\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^7, 4, 3^{10}\})$	402653952
12	$\mathcal{O}(1; \{12^3, 6^7, 4^3, 3, 2^9\})$	3142656
12	$\mathcal{O}(1; \{12^3, 6^7, 4^3, 3^4, 2^5\})$	25168896
12	$\mathcal{O}(1; \{12^3, 6^7, 4^3, 3^7, 2\})$	201323520
12	$\mathcal{O}(1; \{12^3, 6^7, 4^5, 3, 2^6\})$	12570624
12	$\mathcal{O}(1; \{12^3, 6^7, 4^5, 3^4, 2^2\})$	100675584
12	$\mathcal{O}(1; \{12^3, 6^7, 4^7, 3, 2^3\})$	50282496
12	$\mathcal{O}(1; \{12^3, 6^7, 4^9, 3\})$	201129984
12	$\mathcal{O}(1; \{12^3, 6^8, 4, 3^2, 2^9\})$	3144960
12	$\mathcal{O}(1; \{12^3, 6^8, 4, 3^5, 2^5\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^8, 4, 3^8, 2\})$	201325824
12	$\mathcal{O}(1; \{12^3, 6^8, 4^3, 3^2, 2^6\})$	12579840
12	$\mathcal{O}(1; \{12^3, 6^8, 4^3, 3^5, 2^2\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^8, 4^5, 3^2, 2^3\})$	50319360
12	$\mathcal{O}(1; \{12^3, 6^8, 4^7, 3^2\})$	201277440
12	$\mathcal{O}(1; \{12^3, 6^9, 4, 2^{10}\})$	1573632
12	$\mathcal{O}(1; \{12^3, 6^9, 4, 3^3, 2^6\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6^9, 4, 3^6, 2^2\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^9, 4^3, 2^7\})$	6294528
12	$\mathcal{O}(1; \{12^3, 6^9, 4^3, 3^3, 2^3\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6^9, 4^5, 2^4\})$	25178112
12	$\mathcal{O}(1; \{12^3, 6^9, 4^5, 3^3\})$	201314304
12	$\mathcal{O}(1; \{12^3, 6^9, 4^7, 2\})$	100712448
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4, 3, 2^7\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4, 3^4, 2^3\})$	50330880

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4^3, 3, 2^4\})$	25168896
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4^3, 3^4\})$	201323520
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4^5, 3, 2\})$	100675584
12	$\mathcal{O}(1; \{12^3, 6^{11}, 4, 3^2, 2^4\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^{11}, 4, 3^5\})$	201325824
12	$\mathcal{O}(1; \{12^3, 6^{11}, 4^3, 3^2, 2\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^{12}, 4, 2^5\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6^{12}, 4, 3^3, 2\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^{12}, 4^3, 2^2\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6^{13}, 4, 3, 2^2\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^{15}, 4\})$	100664064
12	$\mathcal{O}(1; \{12^4, 3^2, 2^{22}\})$	25344
12	$\mathcal{O}(1; \{12^4, 3^5, 2^{18}\})$	195840
12	$\mathcal{O}(1; \{12^4, 3^8, 2^{14}\})$	1573632
12	$\mathcal{O}(1; \{12^4, 3^{11}, 2^{10}\})$	12582144
12	$\mathcal{O}(1; \{12^4, 3^{14}, 2^6\})$	100664064
12	$\mathcal{O}(1; \{12^4, 3^{17}, 2^2\})$	805305600
12	$\mathcal{O}(1; \{12^4, 4^2, 3^2, 2^{19}\})$	101376
12	$\mathcal{O}(1; \{12^4, 4^2, 3^5, 2^{15}\})$	783360
12	$\mathcal{O}(1; \{12^4, 4^2, 3^8, 2^{11}\})$	6294528
12	$\mathcal{O}(1; \{12^4, 4^2, 3^{11}, 2^7\})$	50328576
12	$\mathcal{O}(1; \{12^4, 4^2, 3^{14}, 2^3\})$	402656256
12	$\mathcal{O}(1; \{12^4, 4^4, 3^2, 2^{16}\})$	405504
12	$\mathcal{O}(1; \{12^4, 4^4, 3^5, 2^{12}\})$	3133440
12	$\mathcal{O}(1; \{12^4, 4^4, 3^8, 2^8\})$	25178112
12	$\mathcal{O}(1; \{12^4, 4^4, 3^{11}, 2^4\})$	201314304
12	$\mathcal{O}(1; \{12^4, 4^4, 3^{14}\})$	1610625024
12	$\mathcal{O}(1; \{12^4, 4^6, 3^2, 2^{13}\})$	1622016
12	$\mathcal{O}(1; \{12^4, 4^6, 3^5, 2^9\})$	12533760
12	$\mathcal{O}(1; \{12^4, 4^6, 3^8, 2^5\})$	100712448
12	$\mathcal{O}(1; \{12^4, 4^6, 3^{11}, 2\})$	805257216
12	$\mathcal{O}(1; \{12^4, 4^8, 3^2, 2^{10}\})$	6488064
12	$\mathcal{O}(1; \{12^4, 4^8, 3^5, 2^6\})$	50135040
12	$\mathcal{O}(1; \{12^4, 4^8, 3^8, 2^2\})$	402849792
12	$\mathcal{O}(1; \{12^4, 4^{10}, 3^2, 2^7\})$	25952256
12	$\mathcal{O}(1; \{12^4, 4^{10}, 3^5, 2^3\})$	200540160
12	$\mathcal{O}(1; \{12^4, 4^{12}, 3^2, 2^4\})$	103809024
12	$\mathcal{O}(1; \{12^4, 4^{12}, 3^5\})$	802160640
12	$\mathcal{O}(1; \{12^4, 4^{14}, 3^2, 2\})$	415236096
12	$\mathcal{O}(1; \{12^4, 6, 2^{23}\})$	11520
12	$\mathcal{O}(1; \{12^4, 6, 3^3, 2^{19}\})$	99072
12	$\mathcal{O}(1; \{12^4, 6, 3^6, 2^{15}\})$	785664
12	$\mathcal{O}(1; \{12^4, 6, 3^9, 2^{11}\})$	6292224

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 6, 3^{12}, 2^7\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6, 3^{15}, 2^3\})$	402653952
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 2^{20}\})$	46080
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^3, 2^{16}\})$	396288
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^6, 2^{12}\})$	3142656
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^9, 2^8\})$	25168896
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^{12}, 2^4\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^{15}\})$	1610615808
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 2^{17}\})$	184320
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^3, 2^{13}\})$	1585152
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^6, 2^9\})$	12570624
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^9, 2^5\})$	100675584
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^{12}, 2\})$	805294080
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 2^{14}\})$	737280
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 3^3, 2^{10}\})$	6340608
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 3^6, 2^6\})$	50282496
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 3^9, 2^2\})$	402702336
12	$\mathcal{O}(1; \{12^4, 6, 4^8, 2^{11}\})$	2949120
12	$\mathcal{O}(1; \{12^4, 6, 4^8, 3^3, 2^7\})$	25362432
12	$\mathcal{O}(1; \{12^4, 6, 4^8, 3^6, 2^3\})$	201129984
12	$\mathcal{O}(1; \{12^4, 6, 4^{10}, 2^8\})$	11796480
12	$\mathcal{O}(1; \{12^4, 6, 4^{10}, 3^3, 2^4\})$	101449728
12	$\mathcal{O}(1; \{12^4, 6, 4^{10}, 3^6\})$	804519936
12	$\mathcal{O}(1; \{12^4, 6, 4^{12}, 2^5\})$	47185920
12	$\mathcal{O}(1; \{12^4, 6, 4^{12}, 3^3, 2\})$	405798912
12	$\mathcal{O}(1; \{12^4, 6, 4^{14}, 2^2\})$	188743680
12	$\mathcal{O}(1; \{12^4, 6^2, 3, 2^{20}\})$	48384
12	$\mathcal{O}(1; \{12^4, 6^2, 3^4, 2^{16}\})$	393984
12	$\mathcal{O}(1; \{12^4, 6^2, 3^7, 2^{12}\})$	3144960
12	$\mathcal{O}(1; \{12^4, 6^2, 3^{10}, 2^8\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^2, 3^{13}, 2^4\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6^2, 3^{16}\})$	1610613504
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3, 2^{17}\})$	193536
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^4, 2^{13}\})$	1575936
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^7, 2^9\})$	12579840
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^{10}, 2^5\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^{13}, 2\})$	805303296
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3, 2^{14}\})$	774144
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3^4, 2^{10}\})$	6303744
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3^7, 2^6\})$	50319360
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3^{10}, 2^2\})$	402665472
12	$\mathcal{O}(1; \{12^4, 6^2, 4^6, 3, 2^{11}\})$	3096576
12	$\mathcal{O}(1; \{12^4, 6^2, 4^6, 3^4, 2^7\})$	25214976

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 6^2, 4^6, 3^7, 2^3\})$	201277440
12	$\mathcal{O}(1; \{12^4, 6^2, 4^8, 3, 2^8\})$	12386304
12	$\mathcal{O}(1; \{12^4, 6^2, 4^8, 3^4, 2^4\})$	100859904
12	$\mathcal{O}(1; \{12^4, 6^2, 4^8, 3^7\})$	805109760
12	$\mathcal{O}(1; \{12^4, 6^2, 4^{10}, 3, 2^5\})$	49545216
12	$\mathcal{O}(1; \{12^4, 6^2, 4^{10}, 3^4, 2\})$	403439616
12	$\mathcal{O}(1; \{12^4, 6^2, 4^{12}, 3, 2^2\})$	198180864
12	$\mathcal{O}(1; \{12^4, 6^3, 3^2, 2^{17}\})$	195840
12	$\mathcal{O}(1; \{12^4, 6^3, 3^5, 2^{13}\})$	1573632
12	$\mathcal{O}(1; \{12^4, 6^3, 3^8, 2^9\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6^3, 3^{11}, 2^5\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^3, 3^{14}, 2\})$	805305600
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^2, 2^{14}\})$	783360
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^5, 2^{10}\})$	6294528
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^8, 2^6\})$	50328576
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^{11}, 2^2\})$	402656256
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 3^2, 2^{11}\})$	3133440
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 3^5, 2^7\})$	25178112
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 3^8, 2^3\})$	201314304
12	$\mathcal{O}(1; \{12^4, 6^3, 4^6, 3^2, 2^8\})$	12533760
12	$\mathcal{O}(1; \{12^4, 6^3, 4^6, 3^5, 2^4\})$	100712448
12	$\mathcal{O}(1; \{12^4, 6^3, 4^6, 3^8\})$	805257216
12	$\mathcal{O}(1; \{12^4, 6^3, 4^8, 3^2, 2^5\})$	50135040
12	$\mathcal{O}(1; \{12^4, 6^3, 4^8, 3^5, 2\})$	402849792
12	$\mathcal{O}(1; \{12^4, 6^3, 4^{10}, 3^2, 2^2\})$	200540160
12	$\mathcal{O}(1; \{12^4, 6^4, 2^{18}\})$	99072
12	$\mathcal{O}(1; \{12^4, 6^4, 3^3, 2^{14}\})$	785664
12	$\mathcal{O}(1; \{12^4, 6^4, 3^6, 2^{10}\})$	6292224
12	$\mathcal{O}(1; \{12^4, 6^4, 3^9, 2^6\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^4, 3^{12}, 2^2\})$	402653952
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 2^{15}\})$	396288
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3^3, 2^{11}\})$	3142656
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3^6, 2^7\})$	25168896
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3^9, 2^3\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6^4, 4^4, 2^{12}\})$	1585152
12	$\mathcal{O}(1; \{12^4, 6^4, 4^4, 3^3, 2^8\})$	12570624
12	$\mathcal{O}(1; \{12^4, 6^4, 4^4, 3^6, 2^4\})$	100675584
12	$\mathcal{O}(1; \{12^4, 6^4, 4^4, 3^9\})$	805294080
12	$\mathcal{O}(1; \{12^4, 6^4, 4^6, 2^9\})$	6340608
12	$\mathcal{O}(1; \{12^4, 6^4, 4^6, 3^3, 2^5\})$	50282496
12	$\mathcal{O}(1; \{12^4, 6^4, 4^6, 3^6, 2\})$	402702336
12	$\mathcal{O}(1; \{12^4, 6^4, 4^8, 2^6\})$	25362432
12	$\mathcal{O}(1; \{12^4, 6^4, 4^8, 3^3, 2^2\})$	201129984

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 6^4, 4^{10}, 2^3\})$	101449728
12	$\mathcal{O}(1; \{12^4, 6^4, 4^{12}\})$	405798912
12	$\mathcal{O}(1; \{12^4, 6^5, 3, 2^{15}\})$	393984
12	$\mathcal{O}(1; \{12^4, 6^5, 3^4, 2^{11}\})$	3144960
12	$\mathcal{O}(1; \{12^4, 6^5, 3^7, 2^7\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^5, 3^{10}, 2^3\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6^5, 4^2, 3, 2^{12}\})$	1575936
12	$\mathcal{O}(1; \{12^4, 6^5, 4^2, 3^4, 2^8\})$	12579840
12	$\mathcal{O}(1; \{12^4, 6^5, 4^2, 3^7, 2^4\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^5, 4^2, 3^{10}\})$	805303296
12	$\mathcal{O}(1; \{12^4, 6^5, 4^4, 3, 2^9\})$	6303744
12	$\mathcal{O}(1; \{12^4, 6^5, 4^4, 3^4, 2^5\})$	50319360
12	$\mathcal{O}(1; \{12^4, 6^5, 4^4, 3^7, 2\})$	402665472
12	$\mathcal{O}(1; \{12^4, 6^5, 4^6, 3, 2^6\})$	25214976
12	$\mathcal{O}(1; \{12^4, 6^5, 4^6, 3^4, 2^2\})$	201277440
12	$\mathcal{O}(1; \{12^4, 6^5, 4^8, 3, 2^3\})$	100859904
12	$\mathcal{O}(1; \{12^4, 6^5, 4^{10}, 3\})$	403439616
12	$\mathcal{O}(1; \{12^4, 6^6, 3^2, 2^{12}\})$	1573632
12	$\mathcal{O}(1; \{12^4, 6^6, 3^5, 2^8\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6^6, 3^8, 2^4\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^6, 3^{11}\})$	805305600
12	$\mathcal{O}(1; \{12^4, 6^6, 4^2, 3^2, 2^9\})$	6294528
12	$\mathcal{O}(1; \{12^4, 6^6, 4^2, 3^5, 2^5\})$	50328576
12	$\mathcal{O}(1; \{12^4, 6^6, 4^2, 3^8, 2\})$	402656256
12	$\mathcal{O}(1; \{12^4, 6^6, 4^4, 3^2, 2^6\})$	25178112
12	$\mathcal{O}(1; \{12^4, 6^6, 4^4, 3^5, 2^2\})$	201314304
12	$\mathcal{O}(1; \{12^4, 6^6, 4^6, 3^2, 2^3\})$	100712448
12	$\mathcal{O}(1; \{12^4, 6^6, 4^8, 3^2\})$	402849792
12	$\mathcal{O}(1; \{12^4, 6^7, 2^{13}\})$	785664
12	$\mathcal{O}(1; \{12^4, 6^7, 3^3, 2^9\})$	6292224
12	$\mathcal{O}(1; \{12^4, 6^7, 3^6, 2^5\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^7, 3^9, 2\})$	402653952
12	$\mathcal{O}(1; \{12^4, 6^7, 4^2, 2^{10}\})$	3142656
12	$\mathcal{O}(1; \{12^4, 6^7, 4^2, 3^3, 2^6\})$	25168896
12	$\mathcal{O}(1; \{12^4, 6^7, 4^2, 3^6, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6^7, 4^4, 2^7\})$	12570624
12	$\mathcal{O}(1; \{12^4, 6^7, 4^4, 3^3, 2^3\})$	100675584
12	$\mathcal{O}(1; \{12^4, 6^7, 4^6, 2^4\})$	50282496
12	$\mathcal{O}(1; \{12^4, 6^7, 4^6, 3^3\})$	402702336
12	$\mathcal{O}(1; \{12^4, 6^7, 4^8, 2\})$	201129984
12	$\mathcal{O}(1; \{12^4, 6^8, 3, 2^{10}\})$	3144960
12	$\mathcal{O}(1; \{12^4, 6^8, 3^4, 2^6\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^8, 3^7, 2^2\})$	201325824

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 6^8, 4^2, 3, 2^7\})$	12579840
12	$\mathcal{O}(1; \{12^4, 6^8, 4^2, 3^4, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^8, 4^4, 3, 2^4\})$	50319360
12	$\mathcal{O}(1; \{12^4, 6^8, 4^4, 3^4\})$	402665472
12	$\mathcal{O}(1; \{12^4, 6^8, 4^6, 3, 2\})$	201277440
12	$\mathcal{O}(1; \{12^4, 6^9, 3^2, 2^7\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6^9, 3^5, 2^3\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^9, 4^2, 3^2, 2^4\})$	50328576
12	$\mathcal{O}(1; \{12^4, 6^9, 4^2, 3^5\})$	402656256
12	$\mathcal{O}(1; \{12^4, 6^9, 4^4, 3^2, 2\})$	201314304
12	$\mathcal{O}(1; \{12^4, 6^{10}, 2^8\})$	6292224
12	$\mathcal{O}(1; \{12^4, 6^{10}, 3^3, 2^4\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^{10}, 3^6\})$	402653952
12	$\mathcal{O}(1; \{12^4, 6^{10}, 4^2, 2^5\})$	25168896
12	$\mathcal{O}(1; \{12^4, 6^{10}, 4^2, 3^3, 2\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6^{10}, 4^4, 2^2\})$	100675584
12	$\mathcal{O}(1; \{12^4, 6^{11}, 3, 2^5\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^{11}, 3^4, 2\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6^{11}, 4^2, 3, 2^2\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^{12}, 3^2, 2^2\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^{13}, 2^3\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^{13}, 4^2\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6^{14}, 3\})$	201325824
12	$\mathcal{O}(1; \{12^5, 4, 3, 2^{20}\})$	101376
12	$\mathcal{O}(1; \{12^5, 4, 3^4, 2^{16}\})$	783360
12	$\mathcal{O}(1; \{12^5, 4, 3^7, 2^{12}\})$	6294528
12	$\mathcal{O}(1; \{12^5, 4, 3^{10}, 2^8\})$	50328576
12	$\mathcal{O}(1; \{12^5, 4, 3^{13}, 2^4\})$	402656256
12	$\mathcal{O}(1; \{12^5, 4, 3^{16}\})$	3221222400
12	$\mathcal{O}(1; \{12^5, 4^3, 3, 2^{17}\})$	405504
12	$\mathcal{O}(1; \{12^5, 4^3, 3^4, 2^{13}\})$	3133440
12	$\mathcal{O}(1; \{12^5, 4^3, 3^7, 2^9\})$	25178112
12	$\mathcal{O}(1; \{12^5, 4^3, 3^{10}, 2^5\})$	201314304
12	$\mathcal{O}(1; \{12^5, 4^3, 3^{13}, 2\})$	1610625024
12	$\mathcal{O}(1; \{12^5, 4^5, 3, 2^{14}\})$	1622016
12	$\mathcal{O}(1; \{12^5, 4^5, 3^4, 2^{10}\})$	12533760
12	$\mathcal{O}(1; \{12^5, 4^5, 3^7, 2^6\})$	100712448
12	$\mathcal{O}(1; \{12^5, 4^5, 3^{10}, 2^2\})$	805257216
12	$\mathcal{O}(1; \{12^5, 4^7, 3, 2^{11}\})$	6488064
12	$\mathcal{O}(1; \{12^5, 4^7, 3^4, 2^7\})$	50135040
12	$\mathcal{O}(1; \{12^5, 4^7, 3^7, 2^3\})$	402849792
12	$\mathcal{O}(1; \{12^5, 4^9, 3, 2^8\})$	25952256
12	$\mathcal{O}(1; \{12^5, 4^9, 3^4, 2^4\})$	200540160

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^5, 4^9, 3^7\})$	1611399168
12	$\mathcal{O}(1; \{12^5, 4^{11}, 3, 2^5\})$	103809024
12	$\mathcal{O}(1; \{12^5, 4^{11}, 3^4, 2\})$	802160640
12	$\mathcal{O}(1; \{12^5, 4^{13}, 3, 2^2\})$	415236096
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^2, 2^{17}\})$	396288
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^5, 2^{13}\})$	3142656
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^8, 2^9\})$	25168896
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^{11}, 2^5\})$	201323520
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^{14}, 2\})$	1610615808
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^2, 2^{14}\})$	1585152
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^5, 2^{10}\})$	12570624
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^8, 2^6\})$	100675584
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^{11}, 2^2\})$	805294080
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 3^2, 2^{11}\})$	6340608
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 3^5, 2^7\})$	50282496
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 3^8, 2^3\})$	402702336
12	$\mathcal{O}(1; \{12^5, 6, 4^7, 3^2, 2^8\})$	25362432
12	$\mathcal{O}(1; \{12^5, 6, 4^7, 3^5, 2^4\})$	201129984
12	$\mathcal{O}(1; \{12^5, 6, 4^7, 3^8\})$	1610809344
12	$\mathcal{O}(1; \{12^5, 6, 4^9, 3^2, 2^5\})$	101449728
12	$\mathcal{O}(1; \{12^5, 6, 4^9, 3^5, 2\})$	804519936
12	$\mathcal{O}(1; \{12^5, 6, 4^{11}, 3^2, 2^2\})$	405798912
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 2^{18}\})$	193536
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^3, 2^{14}\})$	1575936
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^6, 2^{10}\})$	12579840
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^9, 2^6\})$	100666368
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^{12}, 2^2\})$	805303296
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 2^{15}\})$	774144
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3^3, 2^{11}\})$	6303744
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3^6, 2^7\})$	50319360
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3^9, 2^3\})$	402665472
12	$\mathcal{O}(1; \{12^5, 6^2, 4^5, 2^{12}\})$	3096576
12	$\mathcal{O}(1; \{12^5, 6^2, 4^5, 3^3, 2^8\})$	25214976
12	$\mathcal{O}(1; \{12^5, 6^2, 4^5, 3^6, 2^4\})$	201277440
12	$\mathcal{O}(1; \{12^5, 6^2, 4^5, 3^9\})$	1610661888
12	$\mathcal{O}(1; \{12^5, 6^2, 4^7, 2^9\})$	12386304
12	$\mathcal{O}(1; \{12^5, 6^2, 4^7, 3^3, 2^5\})$	100859904
12	$\mathcal{O}(1; \{12^5, 6^2, 4^7, 3^6, 2\})$	805109760
12	$\mathcal{O}(1; \{12^5, 6^2, 4^9, 2^6\})$	49545216
12	$\mathcal{O}(1; \{12^5, 6^2, 4^9, 3^3, 2^2\})$	403439616
12	$\mathcal{O}(1; \{12^5, 6^2, 4^{11}, 2^3\})$	198180864
12	$\mathcal{O}(1; \{12^5, 6^2, 4^{13}\})$	792723456
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3, 2^{15}\})$	783360

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^4, 2^{11}\})$	6294528
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^7, 2^7\})$	50328576
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^{10}, 2^3\})$	402656256
12	$\mathcal{O}(1; \{12^5, 6^3, 4^3, 3, 2^{12}\})$	3133440
12	$\mathcal{O}(1; \{12^5, 6^3, 4^3, 3^4, 2^8\})$	25178112
12	$\mathcal{O}(1; \{12^5, 6^3, 4^3, 3^7, 2^4\})$	201314304
12	$\mathcal{O}(1; \{12^5, 6^3, 4^3, 3^{10}\})$	1610625024
12	$\mathcal{O}(1; \{12^5, 6^3, 4^5, 3, 2^9\})$	12533760
12	$\mathcal{O}(1; \{12^5, 6^3, 4^5, 3^4, 2^5\})$	100712448
12	$\mathcal{O}(1; \{12^5, 6^3, 4^5, 3^7, 2\})$	805257216
12	$\mathcal{O}(1; \{12^5, 6^3, 4^7, 3, 2^6\})$	50135040
12	$\mathcal{O}(1; \{12^5, 6^3, 4^7, 3^4, 2^2\})$	402849792
12	$\mathcal{O}(1; \{12^5, 6^3, 4^9, 3, 2^3\})$	200540160
12	$\mathcal{O}(1; \{12^5, 6^3, 4^{11}, 3\})$	802160640
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 3^2, 2^{12}\})$	3142656
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 3^5, 2^8\})$	25168896
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 3^8, 2^4\})$	201323520
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 3^{11}\})$	1610615808
12	$\mathcal{O}(1; \{12^5, 6^4, 4^3, 3^2, 2^9\})$	12570624
12	$\mathcal{O}(1; \{12^5, 6^4, 4^3, 3^5, 2^5\})$	100675584
12	$\mathcal{O}(1; \{12^5, 6^4, 4^3, 3^8, 2\})$	805294080
12	$\mathcal{O}(1; \{12^5, 6^4, 4^5, 3^2, 2^6\})$	50282496
12	$\mathcal{O}(1; \{12^5, 6^4, 4^5, 3^5, 2^2\})$	402702336
12	$\mathcal{O}(1; \{12^5, 6^4, 4^7, 3^2, 2^3\})$	201129984
12	$\mathcal{O}(1; \{12^5, 6^4, 4^9, 3^2\})$	804519936
12	$\mathcal{O}(1; \{12^5, 6^5, 4, 2^{13}\})$	1575936
12	$\mathcal{O}(1; \{12^5, 6^5, 4, 3^3, 2^9\})$	12579840
12	$\mathcal{O}(1; \{12^5, 6^5, 4, 3^6, 2^5\})$	100666368
12	$\mathcal{O}(1; \{12^5, 6^5, 4, 3^9, 2\})$	805303296
12	$\mathcal{O}(1; \{12^5, 6^5, 4^3, 2^{10}\})$	6303744
12	$\mathcal{O}(1; \{12^5, 6^5, 4^3, 3^3, 2^6\})$	50319360
12	$\mathcal{O}(1; \{12^5, 6^5, 4^3, 3^6, 2^2\})$	402665472
12	$\mathcal{O}(1; \{12^5, 6^5, 4^5, 2^7\})$	25214976
12	$\mathcal{O}(1; \{12^5, 6^5, 4^5, 3^3, 2^3\})$	201277440
12	$\mathcal{O}(1; \{12^5, 6^5, 4^7, 2^4\})$	100859904
12	$\mathcal{O}(1; \{12^5, 6^5, 4^7, 3^3\})$	805109760
12	$\mathcal{O}(1; \{12^5, 6^5, 4^9, 2\})$	403439616
12	$\mathcal{O}(1; \{12^5, 6^6, 4, 3, 2^{10}\})$	6294528
12	$\mathcal{O}(1; \{12^5, 6^6, 4, 3^4, 2^6\})$	50328576
12	$\mathcal{O}(1; \{12^5, 6^6, 4, 3^7, 2^2\})$	402656256
12	$\mathcal{O}(1; \{12^5, 6^6, 4^3, 3, 2^7\})$	25178112
12	$\mathcal{O}(1; \{12^5, 6^6, 4^3, 3^4, 2^3\})$	201314304
12	$\mathcal{O}(1; \{12^5, 6^6, 4^5, 3, 2^4\})$	100712448

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^5, 6^6, 4^5, 3^4\})$	805257216
12	$\mathcal{O}(1; \{12^5, 6^6, 4^7, 3, 2\})$	402849792
12	$\mathcal{O}(1; \{12^5, 6^7, 4, 3^2, 2^7\})$	25168896
12	$\mathcal{O}(1; \{12^5, 6^7, 4, 3^5, 2^3\})$	201323520
12	$\mathcal{O}(1; \{12^5, 6^7, 4^3, 3^2, 2^4\})$	100675584
12	$\mathcal{O}(1; \{12^5, 6^7, 4^3, 3^5\})$	805294080
12	$\mathcal{O}(1; \{12^5, 6^7, 4^5, 3^2, 2\})$	402702336
12	$\mathcal{O}(1; \{12^5, 6^8, 4, 2^8\})$	12579840
12	$\mathcal{O}(1; \{12^5, 6^8, 4, 3^3, 2^4\})$	100666368
12	$\mathcal{O}(1; \{12^5, 6^8, 4, 3^6\})$	805303296
12	$\mathcal{O}(1; \{12^5, 6^8, 4^3, 2^5\})$	50319360
12	$\mathcal{O}(1; \{12^5, 6^8, 4^3, 3^3, 2\})$	402665472
12	$\mathcal{O}(1; \{12^5, 6^8, 4^5, 2^2\})$	201277440
12	$\mathcal{O}(1; \{12^5, 6^9, 4, 3, 2^5\})$	50328576
12	$\mathcal{O}(1; \{12^5, 6^9, 4, 3^4, 2\})$	402656256
12	$\mathcal{O}(1; \{12^5, 6^9, 4^3, 3, 2^2\})$	201314304
12	$\mathcal{O}(1; \{12^5, 6^{10}, 4, 3^2, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12^5, 6^{11}, 4, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12^5, 6^{11}, 4^3\})$	402665472
12	$\mathcal{O}(1; \{12^5, 6^{12}, 4, 3\})$	402656256
12	$\mathcal{O}(1; \{12^6, 2^{21}\})$	101376
12	$\mathcal{O}(1; \{12^6, 3^3, 2^{17}\})$	783360
12	$\mathcal{O}(1; \{12^6, 3^6, 2^{13}\})$	6294528
12	$\mathcal{O}(1; \{12^6, 3^9, 2^9\})$	50328576
12	$\mathcal{O}(1; \{12^6, 3^{12}, 2^5\})$	402656256
12	$\mathcal{O}(1; \{12^6, 3^{15}, 2\})$	3221222400
12	$\mathcal{O}(1; \{12^6, 4^2, 2^{18}\})$	405504
12	$\mathcal{O}(1; \{12^6, 4^2, 3^3, 2^{14}\})$	3133440
12	$\mathcal{O}(1; \{12^6, 4^2, 3^6, 2^{10}\})$	25178112
12	$\mathcal{O}(1; \{12^6, 4^2, 3^9, 2^6\})$	201314304
12	$\mathcal{O}(1; \{12^6, 4^2, 3^{12}, 2^2\})$	1610625024
12	$\mathcal{O}(1; \{12^6, 4^4, 2^{15}\})$	1622016
12	$\mathcal{O}(1; \{12^6, 4^4, 3^3, 2^{11}\})$	12533760
12	$\mathcal{O}(1; \{12^6, 4^4, 3^6, 2^7\})$	100712448
12	$\mathcal{O}(1; \{12^6, 4^4, 3^9, 2^3\})$	805257216
12	$\mathcal{O}(1; \{12^6, 4^6, 2^{12}\})$	6488064
12	$\mathcal{O}(1; \{12^6, 4^6, 3^3, 2^8\})$	50135040
12	$\mathcal{O}(1; \{12^6, 4^6, 3^6, 2^4\})$	402849792
12	$\mathcal{O}(1; \{12^6, 4^6, 3^9\})$	3221028864
12	$\mathcal{O}(1; \{12^6, 4^8, 2^9\})$	25952256
12	$\mathcal{O}(1; \{12^6, 4^8, 3^3, 2^5\})$	200540160
12	$\mathcal{O}(1; \{12^6, 4^8, 3^6, 2\})$	1611399168
12	$\mathcal{O}(1; \{12^6, 4^{10}, 2^6\})$	103809024

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^6, 4^{10}, 3^3, 2^2\})$	802160640
12	$\mathcal{O}(1; \{12^6, 4^{12}, 2^3\})$	415236096
12	$\mathcal{O}(1; \{12^6, 4^{14}\})$	1660944384
12	$\mathcal{O}(1; \{12^6, 6, 3, 2^{18}\})$	396288
12	$\mathcal{O}(1; \{12^6, 6, 3^4, 2^{14}\})$	3142656
12	$\mathcal{O}(1; \{12^6, 6, 3^7, 2^{10}\})$	25168896
12	$\mathcal{O}(1; \{12^6, 6, 3^{10}, 2^6\})$	201323520
12	$\mathcal{O}(1; \{12^6, 6, 3^{13}, 2^2\})$	1610615808
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3, 2^{15}\})$	1585152
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^4, 2^{11}\})$	12570624
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^7, 2^7\})$	100675584
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^{10}, 2^3\})$	805294080
12	$\mathcal{O}(1; \{12^6, 6, 4^4, 3, 2^{12}\})$	6340608
12	$\mathcal{O}(1; \{12^6, 6, 4^4, 3^4, 2^8\})$	50282496
12	$\mathcal{O}(1; \{12^6, 6, 4^4, 3^7, 2^4\})$	402702336
12	$\mathcal{O}(1; \{12^6, 6, 4^4, 3^{10}\})$	3221176320
12	$\mathcal{O}(1; \{12^6, 6, 4^6, 3, 2^9\})$	25362432
12	$\mathcal{O}(1; \{12^6, 6, 4^6, 3^4, 2^5\})$	201129984
12	$\mathcal{O}(1; \{12^6, 6, 4^6, 3^7, 2\})$	1610809344
12	$\mathcal{O}(1; \{12^6, 6, 4^8, 3, 2^6\})$	101449728
12	$\mathcal{O}(1; \{12^6, 6, 4^8, 3^4, 2^2\})$	804519936
12	$\mathcal{O}(1; \{12^6, 6, 4^{10}, 3, 2^3\})$	405798912
12	$\mathcal{O}(1; \{12^6, 6, 4^{12}, 3\})$	1623195648
12	$\mathcal{O}(1; \{12^6, 6^2, 3^2, 2^{15}\})$	1575936
12	$\mathcal{O}(1; \{12^6, 6^2, 3^5, 2^{11}\})$	12579840
12	$\mathcal{O}(1; \{12^6, 6^2, 3^8, 2^7\})$	100666368
12	$\mathcal{O}(1; \{12^6, 6^2, 3^{11}, 2^3\})$	805303296
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 3^2, 2^{12}\})$	6303744
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 3^5, 2^8\})$	50319360
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 3^8, 2^4\})$	402665472
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 3^{11}\})$	3221213184
12	$\mathcal{O}(1; \{12^6, 6^2, 4^4, 3^2, 2^9\})$	25214976
12	$\mathcal{O}(1; \{12^6, 6^2, 4^4, 3^5, 2^5\})$	201277440
12	$\mathcal{O}(1; \{12^6, 6^2, 4^4, 3^8, 2\})$	1610661888
12	$\mathcal{O}(1; \{12^6, 6^2, 4^6, 3^2, 2^6\})$	100859904
12	$\mathcal{O}(1; \{12^6, 6^2, 4^6, 3^5, 2^2\})$	805109760
12	$\mathcal{O}(1; \{12^6, 6^2, 4^8, 3^2, 2^3\})$	403439616
12	$\mathcal{O}(1; \{12^6, 6^2, 4^{10}, 3^2\})$	1613758464
12	$\mathcal{O}(1; \{12^6, 6^3, 2^{16}\})$	783360
12	$\mathcal{O}(1; \{12^6, 6^3, 3^3, 2^{12}\})$	6294528
12	$\mathcal{O}(1; \{12^6, 6^3, 3^6, 2^8\})$	50328576
12	$\mathcal{O}(1; \{12^6, 6^3, 3^9, 2^4\})$	402656256
12	$\mathcal{O}(1; \{12^6, 6^3, 3^{12}\})$	3221222400

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^6, 6^3, 4^2, 2^{13}\})$	3133440
12	$\mathcal{O}(1; \{12^6, 6^3, 4^2, 3^3, 2^9\})$	25178112
12	$\mathcal{O}(1; \{12^6, 6^3, 4^2, 3^6, 2^5\})$	201314304
12	$\mathcal{O}(1; \{12^6, 6^3, 4^2, 3^9, 2\})$	1610625024
12	$\mathcal{O}(1; \{12^6, 6^3, 4^4, 2^{10}\})$	12533760
12	$\mathcal{O}(1; \{12^6, 6^3, 4^4, 3^3, 2^6\})$	100712448
12	$\mathcal{O}(1; \{12^6, 6^3, 4^4, 3^6, 2^2\})$	805257216
12	$\mathcal{O}(1; \{12^6, 6^3, 4^6, 2^7\})$	50135040
12	$\mathcal{O}(1; \{12^6, 6^3, 4^6, 3^3, 2^3\})$	402849792
12	$\mathcal{O}(1; \{12^6, 6^3, 4^8, 2^4\})$	200540160
12	$\mathcal{O}(1; \{12^6, 6^3, 4^8, 3^3\})$	1611399168
12	$\mathcal{O}(1; \{12^6, 6^3, 4^{10}, 2\})$	802160640
12	$\mathcal{O}(1; \{12^6, 6^4, 3, 2^{13}\})$	3142656
12	$\mathcal{O}(1; \{12^6, 6^4, 3^4, 2^9\})$	25168896
12	$\mathcal{O}(1; \{12^6, 6^4, 3^7, 2^5\})$	201323520
12	$\mathcal{O}(1; \{12^6, 6^4, 3^{10}, 2\})$	1610615808
12	$\mathcal{O}(1; \{12^6, 6^4, 4^2, 3, 2^{10}\})$	12570624
12	$\mathcal{O}(1; \{12^6, 6^4, 4^2, 3^4, 2^6\})$	100675584
12	$\mathcal{O}(1; \{12^6, 6^4, 4^2, 3^7, 2^2\})$	805294080
12	$\mathcal{O}(1; \{12^6, 6^4, 4^4, 3, 2^7\})$	50282496
12	$\mathcal{O}(1; \{12^6, 6^4, 4^4, 3^4, 2^3\})$	402702336
12	$\mathcal{O}(1; \{12^6, 6^4, 4^6, 3, 2^4\})$	201129984
12	$\mathcal{O}(1; \{12^6, 6^4, 4^6, 3^4\})$	1610809344
12	$\mathcal{O}(1; \{12^6, 6^4, 4^8, 3, 2\})$	804519936
12	$\mathcal{O}(1; \{12^6, 6^5, 3^2, 2^{10}\})$	12579840
12	$\mathcal{O}(1; \{12^6, 6^5, 3^5, 2^6\})$	100666368
12	$\mathcal{O}(1; \{12^6, 6^5, 3^8, 2^2\})$	805303296
12	$\mathcal{O}(1; \{12^6, 6^5, 4^2, 3^2, 2^7\})$	50319360
12	$\mathcal{O}(1; \{12^6, 6^5, 4^2, 3^5, 2^3\})$	402665472
12	$\mathcal{O}(1; \{12^6, 6^5, 4^4, 3^2, 2^4\})$	201277440
12	$\mathcal{O}(1; \{12^6, 6^5, 4^4, 3^5\})$	1610661888
12	$\mathcal{O}(1; \{12^6, 6^5, 4^6, 3^2, 2\})$	805109760
12	$\mathcal{O}(1; \{12^6, 6^6, 2^{11}\})$	6294528
12	$\mathcal{O}(1; \{12^6, 6^6, 3^3, 2^7\})$	50328576
12	$\mathcal{O}(1; \{12^6, 6^6, 3^6, 2^3\})$	402656256
12	$\mathcal{O}(1; \{12^6, 6^6, 4^2, 2^8\})$	25178112
12	$\mathcal{O}(1; \{12^6, 6^6, 4^2, 3^3, 2^4\})$	201314304
12	$\mathcal{O}(1; \{12^6, 6^6, 4^2, 3^6\})$	1610625024
12	$\mathcal{O}(1; \{12^6, 6^6, 4^4, 2^5\})$	100712448
12	$\mathcal{O}(1; \{12^6, 6^6, 4^4, 3^3, 2\})$	805257216
12	$\mathcal{O}(1; \{12^6, 6^6, 4^6, 2^2\})$	402849792
12	$\mathcal{O}(1; \{12^6, 6^7, 3, 2^8\})$	25168896
12	$\mathcal{O}(1; \{12^6, 6^7, 3^4, 2^4\})$	201323520

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^6, 6^7, 3^7\})$	1610615808
12	$\mathcal{O}(1; \{12^6, 6^7, 4^2, 3, 2^5\})$	100675584
12	$\mathcal{O}(1; \{12^6, 6^7, 4^2, 3^4, 2\})$	805294080
12	$\mathcal{O}(1; \{12^6, 6^7, 4^4, 3, 2^2\})$	402702336
12	$\mathcal{O}(1; \{12^6, 6^8, 3^2, 2^5\})$	100666368
12	$\mathcal{O}(1; \{12^6, 6^8, 3^5, 2\})$	805303296
12	$\mathcal{O}(1; \{12^6, 6^8, 4^2, 3^2, 2^2\})$	402665472
12	$\mathcal{O}(1; \{12^6, 6^9, 2^6\})$	50328576
12	$\mathcal{O}(1; \{12^6, 6^9, 3^3, 2^2\})$	402656256
12	$\mathcal{O}(1; \{12^6, 6^9, 4^2, 2^3\})$	201314304
12	$\mathcal{O}(1; \{12^6, 6^9, 4^4\})$	805257216
12	$\mathcal{O}(1; \{12^6, 6^{10}, 3, 2^3\})$	201323520
12	$\mathcal{O}(1; \{12^6, 6^{10}, 4^2, 3\})$	805294080
12	$\mathcal{O}(1; \{12^6, 6^{11}, 3^2\})$	805303296
12	$\mathcal{O}(1; \{12^6, 6^{12}, 2\})$	402656256
12	$\mathcal{O}(1; \{12^7, 4, 3^2, 2^{15}\})$	3133440
12	$\mathcal{O}(1; \{12^7, 4, 3^5, 2^{11}\})$	25178112
12	$\mathcal{O}(1; \{12^7, 4, 3^8, 2^7\})$	201314304
12	$\mathcal{O}(1; \{12^7, 4, 3^{11}, 2^3\})$	1610625024
12	$\mathcal{O}(1; \{12^7, 4^3, 3^2, 2^{12}\})$	12533760
12	$\mathcal{O}(1; \{12^7, 4^3, 3^5, 2^8\})$	100712448
12	$\mathcal{O}(1; \{12^7, 4^3, 3^8, 2^4\})$	805257216
12	$\mathcal{O}(1; \{12^7, 4^3, 3^{11}\})$	6442500096
12	$\mathcal{O}(1; \{12^7, 4^5, 3^2, 2^9\})$	50135040
12	$\mathcal{O}(1; \{12^7, 4^5, 3^5, 2^5\})$	402849792
12	$\mathcal{O}(1; \{12^7, 4^5, 3^8, 2\})$	3221028864
12	$\mathcal{O}(1; \{12^7, 4^7, 3^2, 2^6\})$	200540160
12	$\mathcal{O}(1; \{12^7, 4^7, 3^5, 2^2\})$	1611399168
12	$\mathcal{O}(1; \{12^7, 4^9, 3^2, 2^3\})$	802160640
12	$\mathcal{O}(1; \{12^7, 4^{11}, 3^2\})$	3208642560
12	$\mathcal{O}(1; \{12^7, 6, 4, 2^{16}\})$	1585152
12	$\mathcal{O}(1; \{12^7, 6, 4, 3^3, 2^{12}\})$	12570624
12	$\mathcal{O}(1; \{12^7, 6, 4, 3^6, 2^8\})$	100675584
12	$\mathcal{O}(1; \{12^7, 6, 4, 3^9, 2^4\})$	805294080
12	$\mathcal{O}(1; \{12^7, 6, 4, 3^{12}\})$	6442463232
12	$\mathcal{O}(1; \{12^7, 6, 4^3, 2^{13}\})$	6340608
12	$\mathcal{O}(1; \{12^7, 6, 4^3, 3^3, 2^9\})$	50282496
12	$\mathcal{O}(1; \{12^7, 6, 4^3, 3^6, 2^5\})$	402702336
12	$\mathcal{O}(1; \{12^7, 6, 4^3, 3^9, 2\})$	3221176320
12	$\mathcal{O}(1; \{12^7, 6, 4^5, 2^{10}\})$	25362432
12	$\mathcal{O}(1; \{12^7, 6, 4^5, 3^3, 2^6\})$	201129984
12	$\mathcal{O}(1; \{12^7, 6, 4^5, 3^6, 2^2\})$	1610809344
12	$\mathcal{O}(1; \{12^7, 6, 4^7, 2^7\})$	101449728

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^7, 6, 4^7, 3^3, 2^3\})$	804519936
12	$\mathcal{O}(1; \{12^7, 6, 4^9, 2^4\})$	405798912
12	$\mathcal{O}(1; \{12^7, 6, 4^9, 3^3\})$	3218079744
12	$\mathcal{O}(1; \{12^7, 6, 4^{11}, 2\})$	1623195648
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 3, 2^{13}\})$	6303744
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 3^4, 2^9\})$	50319360
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 3^7, 2^5\})$	402665472
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 3^{10}, 2\})$	3221213184
12	$\mathcal{O}(1; \{12^7, 6^2, 4^3, 3, 2^{10}\})$	25214976
12	$\mathcal{O}(1; \{12^7, 6^2, 4^3, 3^4, 2^6\})$	201277440
12	$\mathcal{O}(1; \{12^7, 6^2, 4^3, 3^7, 2^2\})$	1610661888
12	$\mathcal{O}(1; \{12^7, 6^2, 4^5, 3, 2^7\})$	100859904
12	$\mathcal{O}(1; \{12^7, 6^2, 4^5, 3^4, 2^3\})$	805109760
12	$\mathcal{O}(1; \{12^7, 6^2, 4^7, 3, 2^4\})$	403439616
12	$\mathcal{O}(1; \{12^7, 6^2, 4^7, 3^4\})$	3220439040
12	$\mathcal{O}(1; \{12^7, 6^2, 4^9, 3, 2\})$	1613758464
12	$\mathcal{O}(1; \{12^7, 6^3, 4, 3^2, 2^{10}\})$	25178112
12	$\mathcal{O}(1; \{12^7, 6^3, 4, 3^5, 2^6\})$	201314304
12	$\mathcal{O}(1; \{12^7, 6^3, 4, 3^8, 2^2\})$	1610625024
12	$\mathcal{O}(1; \{12^7, 6^3, 4^3, 3^2, 2^7\})$	100712448
12	$\mathcal{O}(1; \{12^7, 6^3, 4^3, 3^5, 2^3\})$	805257216
12	$\mathcal{O}(1; \{12^7, 6^3, 4^5, 3^2, 2^4\})$	402849792
12	$\mathcal{O}(1; \{12^7, 6^3, 4^5, 3^5\})$	3221028864
12	$\mathcal{O}(1; \{12^7, 6^3, 4^7, 3^2, 2\})$	1611399168
12	$\mathcal{O}(1; \{12^7, 6^4, 4, 2^{11}\})$	12570624
12	$\mathcal{O}(1; \{12^7, 6^4, 4, 3^3, 2^7\})$	100675584
12	$\mathcal{O}(1; \{12^7, 6^4, 4, 3^6, 2^3\})$	805294080
12	$\mathcal{O}(1; \{12^7, 6^4, 4^3, 2^8\})$	50282496
12	$\mathcal{O}(1; \{12^7, 6^4, 4^3, 3^3, 2^4\})$	402702336
12	$\mathcal{O}(1; \{12^7, 6^4, 4^3, 3^6\})$	3221176320
12	$\mathcal{O}(1; \{12^7, 6^4, 4^5, 2^5\})$	201129984
12	$\mathcal{O}(1; \{12^7, 6^4, 4^5, 3^3, 2\})$	1610809344
12	$\mathcal{O}(1; \{12^7, 6^4, 4^7, 2^2\})$	804519936
12	$\mathcal{O}(1; \{12^7, 6^5, 4, 3, 2^8\})$	50319360
12	$\mathcal{O}(1; \{12^7, 6^5, 4, 3^4, 2^4\})$	402665472
12	$\mathcal{O}(1; \{12^7, 6^5, 4, 3^7\})$	3221213184
12	$\mathcal{O}(1; \{12^7, 6^5, 4^3, 3, 2^5\})$	201277440
12	$\mathcal{O}(1; \{12^7, 6^5, 4^3, 3^4, 2\})$	1610661888
12	$\mathcal{O}(1; \{12^7, 6^5, 4^5, 3, 2^2\})$	805109760
12	$\mathcal{O}(1; \{12^7, 6^6, 4, 3^2, 2^5\})$	201314304
12	$\mathcal{O}(1; \{12^7, 6^6, 4, 3^5, 2\})$	1610625024
12	$\mathcal{O}(1; \{12^7, 6^6, 4^3, 3^2, 2^2\})$	805257216
12	$\mathcal{O}(1; \{12^7, 6^7, 4, 2^6\})$	100675584

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^7, 6^7, 4, 3^3, 2^2\})$	805294080
12	$\mathcal{O}(1; \{12^7, 6^7, 4^3, 2^3\})$	402702336
12	$\mathcal{O}(1; \{12^7, 6^7, 4^5\})$	1610809344
12	$\mathcal{O}(1; \{12^7, 6^8, 4, 3, 2^3\})$	402665472
12	$\mathcal{O}(1; \{12^7, 6^8, 4^3, 3\})$	1610661888
12	$\mathcal{O}(1; \{12^7, 6^9, 4, 3^2\})$	1610625024
12	$\mathcal{O}(1; \{12^7, 6^{10}, 4, 2\})$	805294080
12	$\mathcal{O}(1; \{12^8, 3, 2^{16}\})$	3133440
12	$\mathcal{O}(1; \{12^8, 3^4, 2^{12}\})$	25178112
12	$\mathcal{O}(1; \{12^8, 3^7, 2^8\})$	201314304
12	$\mathcal{O}(1; \{12^8, 3^{10}, 2^4\})$	1610625024
12	$\mathcal{O}(1; \{12^8, 3^{13}\})$	12884889600
12	$\mathcal{O}(1; \{12^8, 4^2, 3, 2^{13}\})$	12533760
12	$\mathcal{O}(1; \{12^8, 4^2, 3^4, 2^9\})$	100712448
12	$\mathcal{O}(1; \{12^8, 4^2, 3^7, 2^5\})$	805257216
12	$\mathcal{O}(1; \{12^8, 4^2, 3^{10}, 2\})$	6442500096
12	$\mathcal{O}(1; \{12^8, 4^4, 3, 2^{10}\})$	50135040
12	$\mathcal{O}(1; \{12^8, 4^4, 3^4, 2^6\})$	402849792
12	$\mathcal{O}(1; \{12^8, 4^4, 3^7, 2^2\})$	3221028864
12	$\mathcal{O}(1; \{12^8, 4^6, 3, 2^7\})$	200540160
12	$\mathcal{O}(1; \{12^8, 4^6, 3^4, 2^3\})$	1611399168
12	$\mathcal{O}(1; \{12^8, 4^8, 3, 2^4\})$	802160640
12	$\mathcal{O}(1; \{12^8, 4^8, 3^4\})$	6445596672
12	$\mathcal{O}(1; \{12^8, 4^{10}, 3, 2\})$	3208642560
12	$\mathcal{O}(1; \{12^8, 6, 3^2, 2^{13}\})$	12570624
12	$\mathcal{O}(1; \{12^8, 6, 3^5, 2^9\})$	100675584
12	$\mathcal{O}(1; \{12^8, 6, 3^8, 2^5\})$	805294080
12	$\mathcal{O}(1; \{12^8, 6, 3^{11}, 2\})$	6442463232
12	$\mathcal{O}(1; \{12^8, 6, 4^2, 3^2, 2^{10}\})$	50282496
12	$\mathcal{O}(1; \{12^8, 6, 4^2, 3^5, 2^6\})$	402702336
12	$\mathcal{O}(1; \{12^8, 6, 4^2, 3^8, 2^2\})$	3221176320
12	$\mathcal{O}(1; \{12^8, 6, 4^4, 3^2, 2^7\})$	201129984
12	$\mathcal{O}(1; \{12^8, 6, 4^4, 3^5, 2^3\})$	1610809344
12	$\mathcal{O}(1; \{12^8, 6, 4^6, 3^2, 2^4\})$	804519936
12	$\mathcal{O}(1; \{12^8, 6, 4^6, 3^5\})$	6443237376
12	$\mathcal{O}(1; \{12^8, 6, 4^8, 3^2, 2\})$	3218079744
12	$\mathcal{O}(1; \{12^8, 6^2, 2^{14}\})$	6303744
12	$\mathcal{O}(1; \{12^8, 6^2, 3^3, 2^{10}\})$	50319360
12	$\mathcal{O}(1; \{12^8, 6^2, 3^6, 2^6\})$	402665472
12	$\mathcal{O}(1; \{12^8, 6^2, 3^9, 2^2\})$	3221213184
12	$\mathcal{O}(1; \{12^8, 6^2, 4^2, 2^{11}\})$	25214976
12	$\mathcal{O}(1; \{12^8, 6^2, 4^2, 3^3, 2^7\})$	201277440
12	$\mathcal{O}(1; \{12^8, 6^2, 4^2, 3^6, 2^3\})$	1610661888

Continued on next page

Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^8, 6^2, 4^4, 2^8\})$	100859904
12	$\mathcal{O}(1; \{12^8, 6^2, 4^4, 3^3, 2^4\})$	805109760
12	$\mathcal{O}(1; \{12^8, 6^2, 4^4, 3^6\})$	6442647552
12	$\mathcal{O}(1; \{12^8, 6^2, 4^6, 2^5\})$	403439616
12	$\mathcal{O}(1; \{12^8, 6^2, 4^6, 3^3, 2\})$	3220439040
12	$\mathcal{O}(1; \{12^8, 6^2, 4^8, 2^2\})$	1613758464
12	$\mathcal{O}(1; \{12^8, 6^3, 3, 2^{11}\})$	25178112
12	$\mathcal{O}(1; \{12^8, 6^3, 3^4, 2^7\})$	201314304
12	$\mathcal{O}(1; \{12^8, 6^3, 3^7, 2^3\})$	1610625024
12	$\mathcal{O}(1; \{12^8, 6^3, 4^2, 3, 2^8\})$	100712448
12	$\mathcal{O}(1; \{12^8, 6^3, 4^2, 3^4, 2^4\})$	805257216
12	$\mathcal{O}(1; \{12^8, 6^3, 4^2, 3^7\})$	6442500096
12	$\mathcal{O}(1; \{12^8, 6^3, 4^4, 3, 2^5\})$	402849792
12	$\mathcal{O}(1; \{12^8, 6^3, 4^4, 3^4, 2\})$	3221028864
12	$\mathcal{O}(1; \{12^8, 6^3, 4^6, 3, 2^2\})$	1611399168
12	$\mathcal{O}(1; \{12^8, 6^4, 3^2, 2^8\})$	100675584
12	$\mathcal{O}(1; \{12^8, 6^4, 3^5, 2^4\})$	805294080
12	$\mathcal{O}(1; \{12^8, 6^4, 3^8\})$	6442463232
12	$\mathcal{O}(1; \{12^8, 6^4, 4^2, 3^2, 2^5\})$	402702336
12	$\mathcal{O}(1; \{12^8, 6^4, 4^2, 3^5, 2\})$	3221176320
12	$\mathcal{O}(1; \{12^8, 6^4, 4^4, 3^2, 2^2\})$	1610809344
12	$\mathcal{O}(1; \{12^8, 6^5, 2^9\})$	50319360
12	$\mathcal{O}(1; \{12^8, 6^5, 3^3, 2^5\})$	402665472
12	$\mathcal{O}(1; \{12^8, 6^5, 3^6, 2\})$	3221213184
12	$\mathcal{O}(1; \{12^8, 6^5, 4^2, 2^6\})$	201277440
12	$\mathcal{O}(1; \{12^8, 6^5, 4^2, 3^3, 2^2\})$	1610661888
12	$\mathcal{O}(1; \{12^8, 6^5, 4^4, 2^3\})$	805109760
12	$\mathcal{O}(1; \{12^8, 6^5, 4^6\})$	3220439040
12	$\mathcal{O}(1; \{12^8, 6^6, 3, 2^6\})$	201314304
12	$\mathcal{O}(1; \{12^8, 6^6, 3^4, 2^2\})$	1610625024
12	$\mathcal{O}(1; \{12^8, 6^6, 4^2, 3, 2^3\})$	805257216
12	$\mathcal{O}(1; \{12^8, 6^6, 4^4, 3\})$	3221028864
12	$\mathcal{O}(1; \{12^8, 6^7, 3^2, 2^3\})$	805294080
12	$\mathcal{O}(1; \{12^8, 6^7, 4^2, 3^2\})$	3221176320
12	$\mathcal{O}(1; \{12^8, 6^8, 2^4\})$	402665472
12	$\mathcal{O}(1; \{12^8, 6^8, 3^3\})$	3221213184
12	$\mathcal{O}(1; \{12^8, 6^8, 4^2, 2\})$	1610661888
12	$\mathcal{O}(1; \{12^8, 6^9, 3, 2\})$	1610625024
12	$\mathcal{O}(1; \{12^9, 4, 2^{14}\})$	12533760
12	$\mathcal{O}(1; \{12^9, 4, 3^3, 2^{10}\})$	100712448
12	$\mathcal{O}(1; \{12^9, 4, 3^6, 2^6\})$	805257216
12	$\mathcal{O}(1; \{12^9, 4, 3^9, 2^2\})$	6442500096
12	$\mathcal{O}(1; \{12^9, 4^3, 2^{11}\})$	50135040

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^9, 4^3, 3^3, 2^7\})$	402849792
12	$\mathcal{O}(1; \{12^9, 4^3, 3^6, 2^3\})$	3221028864
12	$\mathcal{O}(1; \{12^9, 4^5, 2^8\})$	200540160
12	$\mathcal{O}(1; \{12^9, 4^5, 3^3, 2^4\})$	1611399168
12	$\mathcal{O}(1; \{12^9, 4^5, 3^6\})$	12884115456
12	$\mathcal{O}(1; \{12^9, 4^7, 2^5\})$	802160640
12	$\mathcal{O}(1; \{12^9, 4^7, 3^3, 2\})$	6445596672
12	$\mathcal{O}(1; \{12^9, 4^9, 2^2\})$	3208642560
12	$\mathcal{O}(1; \{12^9, 6, 4, 3, 2^{11}\})$	50282496
12	$\mathcal{O}(1; \{12^9, 6, 4, 3^4, 2^7\})$	402702336
12	$\mathcal{O}(1; \{12^9, 6, 4, 3^7, 2^3\})$	3221176320
12	$\mathcal{O}(1; \{12^9, 6, 4^3, 3, 2^8\})$	201129984
12	$\mathcal{O}(1; \{12^9, 6, 4^3, 3^4, 2^4\})$	1610809344
12	$\mathcal{O}(1; \{12^9, 6, 4^3, 3^7\})$	12884705280
12	$\mathcal{O}(1; \{12^9, 6, 4^5, 3, 2^5\})$	804519936
12	$\mathcal{O}(1; \{12^9, 6, 4^5, 3^4, 2\})$	6443237376
12	$\mathcal{O}(1; \{12^9, 6, 4^7, 3, 2^2\})$	3218079744
12	$\mathcal{O}(1; \{12^9, 6^2, 4, 3^2, 2^8\})$	201277440
12	$\mathcal{O}(1; \{12^9, 6^2, 4, 3^5, 2^4\})$	1610661888
12	$\mathcal{O}(1; \{12^9, 6^2, 4, 3^8\})$	12884852736
12	$\mathcal{O}(1; \{12^9, 6^2, 4^3, 3^2, 2^5\})$	805109760
12	$\mathcal{O}(1; \{12^9, 6^2, 4^3, 3^5, 2\})$	6442647552
12	$\mathcal{O}(1; \{12^9, 6^2, 4^5, 3^2, 2^2\})$	3220439040
12	$\mathcal{O}(1; \{12^9, 6^3, 4, 2^9\})$	100712448
12	$\mathcal{O}(1; \{12^9, 6^3, 4, 3^3, 2^5\})$	805257216
12	$\mathcal{O}(1; \{12^9, 6^3, 4, 3^6, 2\})$	6442500096
12	$\mathcal{O}(1; \{12^9, 6^3, 4^3, 2^6\})$	402849792
12	$\mathcal{O}(1; \{12^9, 6^3, 4^3, 3^3, 2^2\})$	3221028864
12	$\mathcal{O}(1; \{12^9, 6^3, 4^5, 2^3\})$	1611399168
12	$\mathcal{O}(1; \{12^9, 6^3, 4^7\})$	6445596672
12	$\mathcal{O}(1; \{12^9, 6^4, 4, 3, 2^6\})$	402702336
12	$\mathcal{O}(1; \{12^9, 6^4, 4, 3^4, 2^2\})$	3221176320
12	$\mathcal{O}(1; \{12^9, 6^4, 4^3, 3, 2^3\})$	1610809344
12	$\mathcal{O}(1; \{12^9, 6^4, 4^5, 3\})$	6443237376
12	$\mathcal{O}(1; \{12^9, 6^5, 4, 3^2, 2^3\})$	1610661888
12	$\mathcal{O}(1; \{12^9, 6^5, 4^3, 3^2\})$	6442647552
12	$\mathcal{O}(1; \{12^9, 6^6, 4, 2^4\})$	805257216
12	$\mathcal{O}(1; \{12^9, 6^6, 4, 3^3\})$	6442500096
12	$\mathcal{O}(1; \{12^9, 6^6, 4^3, 2\})$	3221028864
12	$\mathcal{O}(1; \{12^9, 6^7, 4, 3, 2\})$	3221176320
12	$\mathcal{O}(1; \{12^{10}, 3^2, 2^{11}\})$	100712448
12	$\mathcal{O}(1; \{12^{10}, 3^5, 2^7\})$	805257216
12	$\mathcal{O}(1; \{12^{10}, 3^8, 2^3\})$	6442500096

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^{10}, 4^2, 3^2, 2^8\})$	402849792
12	$\mathcal{O}(1; \{12^{10}, 4^2, 3^5, 2^4\})$	3221028864
12	$\mathcal{O}(1; \{12^{10}, 4^2, 3^8\})$	25770000384
12	$\mathcal{O}(1; \{12^{10}, 4^4, 3^2, 2^5\})$	1611399168
12	$\mathcal{O}(1; \{12^{10}, 4^4, 3^5, 2\})$	12884115456
12	$\mathcal{O}(1; \{12^{10}, 4^6, 3^2, 2^2\})$	6445596672
12	$\mathcal{O}(1; \{12^{10}, 6, 2^{12}\})$	50282496
12	$\mathcal{O}(1; \{12^{10}, 6, 3^3, 2^8\})$	402702336
12	$\mathcal{O}(1; \{12^{10}, 6, 3^6, 2^4\})$	3221176320
12	$\mathcal{O}(1; \{12^{10}, 6, 3^9\})$	25769852928
12	$\mathcal{O}(1; \{12^{10}, 6, 4^2, 2^9\})$	201129984
12	$\mathcal{O}(1; \{12^{10}, 6, 4^2, 3^3, 2^5\})$	1610809344
12	$\mathcal{O}(1; \{12^{10}, 6, 4^2, 3^6, 2\})$	12884705280
12	$\mathcal{O}(1; \{12^{10}, 6, 4^4, 2^6\})$	804519936
12	$\mathcal{O}(1; \{12^{10}, 6, 4^4, 3^3, 2^2\})$	6443237376
12	$\mathcal{O}(1; \{12^{10}, 6, 4^6, 2^3\})$	3218079744
12	$\mathcal{O}(1; \{12^{10}, 6, 4^8\})$	12872318976
12	$\mathcal{O}(1; \{12^{10}, 6^2, 3, 2^9\})$	201277440
12	$\mathcal{O}(1; \{12^{10}, 6^2, 3^4, 2^5\})$	1610661888
12	$\mathcal{O}(1; \{12^{10}, 6^2, 3^7, 2\})$	12884852736
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^2, 3, 2^6\})$	805109760
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^2, 3^4, 2^2\})$	6442647552
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^4, 3, 2^3\})$	3220439040
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^6, 3\})$	12881756160
12	$\mathcal{O}(1; \{12^{10}, 6^3, 3^2, 2^6\})$	805257216
12	$\mathcal{O}(1; \{12^{10}, 6^3, 3^5, 2^2\})$	6442500096
12	$\mathcal{O}(1; \{12^{10}, 6^3, 4^2, 3^2, 2^3\})$	3221028864
12	$\mathcal{O}(1; \{12^{10}, 6^3, 4^4, 3^2\})$	12884115456
12	$\mathcal{O}(1; \{12^{10}, 6^4, 2^7\})$	402702336
12	$\mathcal{O}(1; \{12^{10}, 6^4, 3^3, 2^3\})$	3221176320
12	$\mathcal{O}(1; \{12^{10}, 6^4, 4^2, 2^4\})$	1610809344
12	$\mathcal{O}(1; \{12^{10}, 6^4, 4^2, 3^3\})$	12884705280
12	$\mathcal{O}(1; \{12^{10}, 6^4, 4^4, 2\})$	6443237376
12	$\mathcal{O}(1; \{12^{10}, 6^5, 3, 2^4\})$	1610661888
12	$\mathcal{O}(1; \{12^{10}, 6^5, 3^4\})$	12884852736
12	$\mathcal{O}(1; \{12^{10}, 6^5, 4^2, 3, 2\})$	6442647552
12	$\mathcal{O}(1; \{12^{10}, 6^6, 3^2, 2\})$	6442500096
12	$\mathcal{O}(1; \{12^{10}, 6^7, 2^2\})$	3221176320
12	$\mathcal{O}(1; \{12^{11}, 4, 3, 2^9\})$	402849792
12	$\mathcal{O}(1; \{12^{11}, 4, 3^4, 2^5\})$	3221028864
12	$\mathcal{O}(1; \{12^{11}, 4, 3^7, 2\})$	25770000384
12	$\mathcal{O}(1; \{12^{11}, 4^3, 3, 2^6\})$	1611399168
12	$\mathcal{O}(1; \{12^{11}, 4^3, 3^4, 2^2\})$	12884115456

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^{11}, 4^5, 3, 2^3\})$	6445596672
12	$\mathcal{O}(1; \{12^{11}, 4^7, 3\})$	25782386688
12	$\mathcal{O}(1; \{12^{11}, 6, 4, 3^2, 2^6\})$	1610809344
12	$\mathcal{O}(1; \{12^{11}, 6, 4, 3^5, 2^2\})$	12884705280
12	$\mathcal{O}(1; \{12^{11}, 6, 4^3, 3^2, 2^3\})$	6443237376
12	$\mathcal{O}(1; \{12^{11}, 6, 4^5, 3^2\})$	25772949504
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4, 2^7\})$	805109760
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4, 3^3, 2^3\})$	6442647552
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4^3, 2^4\})$	3220439040
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4^3, 3^3\})$	25770590208
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4^5, 2\})$	12881756160
12	$\mathcal{O}(1; \{12^{11}, 6^3, 4, 3, 2^4\})$	3221028864
12	$\mathcal{O}(1; \{12^{11}, 6^3, 4, 3^4\})$	25770000384
12	$\mathcal{O}(1; \{12^{11}, 6^3, 4^3, 3, 2\})$	12884115456
12	$\mathcal{O}(1; \{12^{11}, 6^4, 4, 3^2, 2\})$	12884705280
12	$\mathcal{O}(1; \{12^{11}, 6^5, 4, 2^2\})$	6442647552
12	$\mathcal{O}(1; \{12^{12}, 2^{10}\})$	402849792
12	$\mathcal{O}(1; \{12^{12}, 3^3, 2^6\})$	3221028864
12	$\mathcal{O}(1; \{12^{12}, 3^6, 2^2\})$	25770000384
12	$\mathcal{O}(1; \{12^{12}, 4^2, 2^7\})$	1611399168
12	$\mathcal{O}(1; \{12^{12}, 4^2, 3^3, 2^3\})$	12884115456
12	$\mathcal{O}(1; \{12^{12}, 4^4, 2^4\})$	6445596672
12	$\mathcal{O}(1; \{12^{12}, 4^4, 3^3\})$	51536461824
12	$\mathcal{O}(1; \{12^{12}, 4^6, 2\})$	25782386688
12	$\mathcal{O}(1; \{12^{12}, 6, 3, 2^7\})$	1610809344
12	$\mathcal{O}(1; \{12^{12}, 6, 3^4, 2^3\})$	12884705280
12	$\mathcal{O}(1; \{12^{12}, 6, 4^2, 3, 2^4\})$	6443237376
12	$\mathcal{O}(1; \{12^{12}, 6, 4^2, 3^4\})$	51538821120
12	$\mathcal{O}(1; \{12^{12}, 6, 4^4, 3, 2\})$	25772949504
12	$\mathcal{O}(1; \{12^{12}, 6^2, 3^2, 2^4\})$	6442647552
12	$\mathcal{O}(1; \{12^{12}, 6^2, 3^5\})$	51539410944
12	$\mathcal{O}(1; \{12^{12}, 6^2, 4^2, 3^2, 2\})$	25770590208
12	$\mathcal{O}(1; \{12^{12}, 6^3, 2^5\})$	3221028864
12	$\mathcal{O}(1; \{12^{12}, 6^3, 3^3, 2\})$	25770000384
12	$\mathcal{O}(1; \{12^{12}, 6^3, 4^2, 2^2\})$	12884115456
12	$\mathcal{O}(1; \{12^{12}, 6^4, 3, 2^2\})$	12884705280
12	$\mathcal{O}(1; \{12^{12}, 6^6\})$	25770000384
12	$\mathcal{O}(1; \{12^{13}, 4, 3^2, 2^4\})$	12884115456
12	$\mathcal{O}(1; \{12^{13}, 4, 3^5\})$	103080001536
12	$\mathcal{O}(1; \{12^{13}, 4^3, 3^2, 2\})$	51536461824
12	$\mathcal{O}(1; \{12^{13}, 6, 4, 2^5\})$	6443237376
12	$\mathcal{O}(1; \{12^{13}, 6, 4, 3^3, 2\})$	51538821120
12	$\mathcal{O}(1; \{12^{13}, 6, 4^3, 2^2\})$	25772949504

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^{13}, 6^2, 4, 3, 2^2\})$	25770590208
12	$\mathcal{O}(1; \{12^{13}, 6^4, 4\})$	51538821120
12	$\mathcal{O}(1; \{12^{14}, 3, 2^5\})$	12884115456
12	$\mathcal{O}(1; \{12^{14}, 3^4, 2\})$	103080001536
12	$\mathcal{O}(1; \{12^{14}, 4^2, 3, 2^2\})$	51536461824
12	$\mathcal{O}(1; \{12^{14}, 6, 3^2, 2^2\})$	51538821120
12	$\mathcal{O}(1; \{12^{14}, 6^2, 2^3\})$	25770590208
12	$\mathcal{O}(1; \{12^{14}, 6^2, 4^2\})$	103082360832
12	$\mathcal{O}(1; \{12^{14}, 6^3, 3\})$	103080001536
12	$\mathcal{O}(1; \{12^{15}, 4, 2^3\})$	51536461824
12	$\mathcal{O}(1; \{12^{15}, 4^3\})$	206145847296
12	$\mathcal{O}(1; \{12^{15}, 6, 4, 3\})$	206155284480
12	$\mathcal{O}(1; \{12^{16}, 3^2\})$	412320006144
12	$\mathcal{O}(1; \{12^{16}, 6, 2\})$	206155284480
12	$\mathcal{O}(0; \{4^2, 3^3, 2^{29}\})$	4
12	$\mathcal{O}(0; \{4^2, 3^6, 2^{25}\})$	44
12	$\mathcal{O}(0; \{4^2, 3^9, 2^{21}\})$	340
12	$\mathcal{O}(0; \{4^2, 3^{12}, 2^{17}\})$	2732
12	$\mathcal{O}(0; \{4^2, 3^{15}, 2^{13}\})$	21844
12	$\mathcal{O}(0; \{4^2, 3^{18}, 2^9\})$	174764
12	$\mathcal{O}(0; \{4^2, 3^{21}, 2^5\})$	1398100
12	$\mathcal{O}(0; \{4^2, 3^{24}, 2\})$	11184812
12	$\mathcal{O}(0; \{4^4, 3^3, 2^{26}\})$	16
12	$\mathcal{O}(0; \{4^4, 3^6, 2^{22}\})$	176
12	$\mathcal{O}(0; \{4^4, 3^9, 2^{18}\})$	1360
12	$\mathcal{O}(0; \{4^4, 3^{12}, 2^{14}\})$	10928
12	$\mathcal{O}(0; \{4^4, 3^{15}, 2^{10}\})$	87376
12	$\mathcal{O}(0; \{4^4, 3^{18}, 2^6\})$	699056
12	$\mathcal{O}(0; \{4^4, 3^{21}, 2^2\})$	5592400
12	$\mathcal{O}(0; \{4^6, 3^3, 2^{23}\})$	64
12	$\mathcal{O}(0; \{4^6, 3^6, 2^{19}\})$	704
12	$\mathcal{O}(0; \{4^6, 3^9, 2^{15}\})$	5440
12	$\mathcal{O}(0; \{4^6, 3^{12}, 2^{11}\})$	43712
12	$\mathcal{O}(0; \{4^6, 3^{15}, 2^7\})$	349504
12	$\mathcal{O}(0; \{4^6, 3^{18}, 2^3\})$	2796224
12	$\mathcal{O}(0; \{4^8, 3^3, 2^{20}\})$	256
12	$\mathcal{O}(0; \{4^8, 3^6, 2^{16}\})$	2816
12	$\mathcal{O}(0; \{4^8, 3^9, 2^{12}\})$	21760
12	$\mathcal{O}(0; \{4^8, 3^{12}, 2^8\})$	174848
12	$\mathcal{O}(0; \{4^8, 3^{15}, 2^4\})$	1398016
12	$\mathcal{O}(0; \{4^8, 3^{18}\})$	11184896
12	$\mathcal{O}(0; \{4^{10}, 3^3, 2^{17}\})$	1024
12	$\mathcal{O}(0; \{4^{10}, 3^6, 2^{13}\})$	11264

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{4^{10}, 3^9, 2^9\})$	87040
12	$\mathcal{O}(0; \{4^{10}, 3^{12}, 2^5\})$	699392
12	$\mathcal{O}(0; \{4^{10}, 3^{15}, 2\})$	5592064
12	$\mathcal{O}(0; \{4^{12}, 3^3, 2^{14}\})$	4096
12	$\mathcal{O}(0; \{4^{12}, 3^6, 2^{10}\})$	45056
12	$\mathcal{O}(0; \{4^{12}, 3^9, 2^6\})$	348160
12	$\mathcal{O}(0; \{4^{12}, 3^{12}, 2^2\})$	2797568
12	$\mathcal{O}(0; \{4^{14}, 3^3, 2^{11}\})$	16384
12	$\mathcal{O}(0; \{4^{14}, 3^6, 2^7\})$	180224
12	$\mathcal{O}(0; \{4^{14}, 3^9, 2^3\})$	1392640
12	$\mathcal{O}(0; \{4^{16}, 3^3, 2^8\})$	65536
12	$\mathcal{O}(0; \{4^{16}, 3^6, 2^4\})$	720896
12	$\mathcal{O}(0; \{4^{16}, 3^9\})$	5570560
12	$\mathcal{O}(0; \{4^{18}, 3^3, 2^5\})$	262144
12	$\mathcal{O}(0; \{4^{18}, 3^6, 2\})$	2883584
12	$\mathcal{O}(0; \{4^{20}, 3^3, 2^2\})$	1048576
12	$\mathcal{O}(0; \{6, 4^2, 3, 2^{30}\})$	4
12	$\mathcal{O}(0; \{6, 4^2, 3^4, 2^{26}\})$	20
12	$\mathcal{O}(0; \{6, 4^2, 3^7, 2^{22}\})$	172
12	$\mathcal{O}(0; \{6, 4^2, 3^{10}, 2^{18}\})$	1364
12	$\mathcal{O}(0; \{6, 4^2, 3^{13}, 2^{14}\})$	10924
12	$\mathcal{O}(0; \{6, 4^2, 3^{16}, 2^{10}\})$	87380
12	$\mathcal{O}(0; \{6, 4^2, 3^{19}, 2^6\})$	699052
12	$\mathcal{O}(0; \{6, 4^2, 3^{22}, 2^2\})$	5592404
12	$\mathcal{O}(0; \{6, 4^4, 3, 2^{27}\})$	16
12	$\mathcal{O}(0; \{6, 4^4, 3^4, 2^{23}\})$	80
12	$\mathcal{O}(0; \{6, 4^4, 3^7, 2^{19}\})$	688
12	$\mathcal{O}(0; \{6, 4^4, 3^{10}, 2^{15}\})$	5456
12	$\mathcal{O}(0; \{6, 4^4, 3^{13}, 2^{11}\})$	43696
12	$\mathcal{O}(0; \{6, 4^4, 3^{16}, 2^7\})$	349520
12	$\mathcal{O}(0; \{6, 4^4, 3^{19}, 2^3\})$	2796208
12	$\mathcal{O}(0; \{6, 4^6, 3, 2^{24}\})$	64
12	$\mathcal{O}(0; \{6, 4^6, 3^4, 2^{20}\})$	320
12	$\mathcal{O}(0; \{6, 4^6, 3^7, 2^{16}\})$	2752
12	$\mathcal{O}(0; \{6, 4^6, 3^{10}, 2^{12}\})$	21824
12	$\mathcal{O}(0; \{6, 4^6, 3^{13}, 2^8\})$	174784
12	$\mathcal{O}(0; \{6, 4^6, 3^{16}, 2^4\})$	1398080
12	$\mathcal{O}(0; \{6, 4^6, 3^{19}\})$	11184832
12	$\mathcal{O}(0; \{6, 4^8, 3, 2^{21}\})$	256
12	$\mathcal{O}(0; \{6, 4^8, 3^4, 2^{17}\})$	1280
12	$\mathcal{O}(0; \{6, 4^8, 3^7, 2^{13}\})$	11008
12	$\mathcal{O}(0; \{6, 4^8, 3^{10}, 2^9\})$	87296
12	$\mathcal{O}(0; \{6, 4^8, 3^{13}, 2^5\})$	699136

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6, 4^8, 3^{16}, 2\})$	5592320
12	$\mathcal{O}(0; \{6, 4^{10}, 3, 2^{18}\})$	1024
12	$\mathcal{O}(0; \{6, 4^{10}, 3^4, 2^{14}\})$	5120
12	$\mathcal{O}(0; \{6, 4^{10}, 3^7, 2^{10}\})$	44032
12	$\mathcal{O}(0; \{6, 4^{10}, 3^{10}, 2^6\})$	349184
12	$\mathcal{O}(0; \{6, 4^{10}, 3^{13}, 2^2\})$	2796544
12	$\mathcal{O}(0; \{6, 4^{12}, 3, 2^{15}\})$	4096
12	$\mathcal{O}(0; \{6, 4^{12}, 3^4, 2^{11}\})$	20480
12	$\mathcal{O}(0; \{6, 4^{12}, 3^7, 2^7\})$	176128
12	$\mathcal{O}(0; \{6, 4^{12}, 3^{10}, 2^3\})$	1396736
12	$\mathcal{O}(0; \{6, 4^{14}, 3, 2^{12}\})$	16384
12	$\mathcal{O}(0; \{6, 4^{14}, 3^4, 2^8\})$	81920
12	$\mathcal{O}(0; \{6, 4^{14}, 3^7, 2^4\})$	704512
12	$\mathcal{O}(0; \{6, 4^{14}, 3^{10}\})$	5586944
12	$\mathcal{O}(0; \{6, 4^{16}, 3, 2^9\})$	65536
12	$\mathcal{O}(0; \{6, 4^{16}, 3^4, 2^5\})$	327680
12	$\mathcal{O}(0; \{6, 4^{16}, 3^7, 2\})$	2818048
12	$\mathcal{O}(0; \{6, 4^{18}, 3, 2^6\})$	262144
12	$\mathcal{O}(0; \{6, 4^{18}, 3^4, 2^2\})$	1310720
12	$\mathcal{O}(0; \{6, 4^{20}, 3, 2^3\})$	1048576
12	$\mathcal{O}(0; \{6, 4^{22}, 3\})$	4194304
12	$\mathcal{O}(0; \{6^2, 4^2, 3^2, 2^{27}\})$	12
12	$\mathcal{O}(0; \{6^2, 4^2, 3^5, 2^{23}\})$	84
12	$\mathcal{O}(0; \{6^2, 4^2, 3^8, 2^{19}\})$	684
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{11}, 2^{15}\})$	5460
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{14}, 2^{11}\})$	43692
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{17}, 2^7\})$	349524
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{20}, 2^3\})$	2796204
12	$\mathcal{O}(0; \{6^2, 4^4, 3^2, 2^{24}\})$	48
12	$\mathcal{O}(0; \{6^2, 4^4, 3^5, 2^{20}\})$	336
12	$\mathcal{O}(0; \{6^2, 4^4, 3^8, 2^{16}\})$	2736
12	$\mathcal{O}(0; \{6^2, 4^4, 3^{11}, 2^{12}\})$	21840
12	$\mathcal{O}(0; \{6^2, 4^4, 3^{14}, 2^8\})$	174768
12	$\mathcal{O}(0; \{6^2, 4^4, 3^{17}, 2^4\})$	1398096
12	$\mathcal{O}(0; \{6^2, 4^4, 3^{20}\})$	11184816
12	$\mathcal{O}(0; \{6^2, 4^6, 3^2, 2^{21}\})$	192
12	$\mathcal{O}(0; \{6^2, 4^6, 3^5, 2^{17}\})$	1344
12	$\mathcal{O}(0; \{6^2, 4^6, 3^8, 2^{13}\})$	10944
12	$\mathcal{O}(0; \{6^2, 4^6, 3^{11}, 2^9\})$	87360
12	$\mathcal{O}(0; \{6^2, 4^6, 3^{14}, 2^5\})$	699072
12	$\mathcal{O}(0; \{6^2, 4^6, 3^{17}, 2\})$	5592384
12	$\mathcal{O}(0; \{6^2, 4^8, 3^2, 2^{18}\})$	768
12	$\mathcal{O}(0; \{6^2, 4^8, 3^5, 2^{14}\})$	5376

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^2, 4^8, 3^8, 2^{10}\})$	43776
12	$\mathcal{O}(0; \{6^2, 4^8, 3^{11}, 2^6\})$	349440
12	$\mathcal{O}(0; \{6^2, 4^8, 3^{14}, 2^2\})$	2796288
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^2, 2^{15}\})$	3072
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^5, 2^{11}\})$	21504
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^8, 2^7\})$	175104
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^{11}, 2^3\})$	1397760
12	$\mathcal{O}(0; \{6^2, 4^{12}, 3^2, 2^{12}\})$	12288
12	$\mathcal{O}(0; \{6^2, 4^{12}, 3^5, 2^8\})$	86016
12	$\mathcal{O}(0; \{6^2, 4^{12}, 3^8, 2^4\})$	700416
12	$\mathcal{O}(0; \{6^2, 4^{12}, 3^{11}\})$	5591040
12	$\mathcal{O}(0; \{6^2, 4^{14}, 3^2, 2^9\})$	49152
12	$\mathcal{O}(0; \{6^2, 4^{14}, 3^5, 2^5\})$	344064
12	$\mathcal{O}(0; \{6^2, 4^{14}, 3^8, 2\})$	2801664
12	$\mathcal{O}(0; \{6^2, 4^{16}, 3^2, 2^6\})$	196608
12	$\mathcal{O}(0; \{6^2, 4^{16}, 3^5, 2^2\})$	1376256
12	$\mathcal{O}(0; \{6^2, 4^{18}, 3^2, 2^3\})$	786432
12	$\mathcal{O}(0; \{6^2, 4^{20}, 3^2\})$	3145728
12	$\mathcal{O}(0; \{6^3, 4^2, 2^{28}\})$	4
12	$\mathcal{O}(0; \{6^3, 4^2, 3^3, 2^{24}\})$	44
12	$\mathcal{O}(0; \{6^3, 4^2, 3^6, 2^{20}\})$	340
12	$\mathcal{O}(0; \{6^3, 4^2, 3^9, 2^{16}\})$	2732
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{12}, 2^{12}\})$	21844
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{15}, 2^8\})$	174764
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{18}, 2^4\})$	1398100
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{21}\})$	11184812
12	$\mathcal{O}(0; \{6^3, 4^4, 2^{25}\})$	16
12	$\mathcal{O}(0; \{6^3, 4^4, 3^3, 2^{21}\})$	176
12	$\mathcal{O}(0; \{6^3, 4^4, 3^6, 2^{17}\})$	1360
12	$\mathcal{O}(0; \{6^3, 4^4, 3^9, 2^{13}\})$	10928
12	$\mathcal{O}(0; \{6^3, 4^4, 3^{12}, 2^9\})$	87376
12	$\mathcal{O}(0; \{6^3, 4^4, 3^{15}, 2^5\})$	699056
12	$\mathcal{O}(0; \{6^3, 4^4, 3^{18}, 2\})$	5592400
12	$\mathcal{O}(0; \{6^3, 4^6, 2^{22}\})$	64
12	$\mathcal{O}(0; \{6^3, 4^6, 3^3, 2^{18}\})$	704
12	$\mathcal{O}(0; \{6^3, 4^6, 3^6, 2^{14}\})$	5440
12	$\mathcal{O}(0; \{6^3, 4^6, 3^9, 2^{10}\})$	43712
12	$\mathcal{O}(0; \{6^3, 4^6, 3^{12}, 2^6\})$	349504
12	$\mathcal{O}(0; \{6^3, 4^6, 3^{15}, 2^2\})$	2796224
12	$\mathcal{O}(0; \{6^3, 4^8, 2^{19}\})$	256
12	$\mathcal{O}(0; \{6^3, 4^8, 3^3, 2^{15}\})$	2816
12	$\mathcal{O}(0; \{6^3, 4^8, 3^6, 2^{11}\})$	21760
12	$\mathcal{O}(0; \{6^3, 4^8, 3^9, 2^7\})$	174848

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^3, 4^8, 3^{12}, 2^3\})$	1398016
12	$\mathcal{O}(0; \{6^3, 4^{10}, 2^{16}\})$	1024
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3^3, 2^{12}\})$	11264
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3^6, 2^8\})$	87040
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3^9, 2^4\})$	699392
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3^{12}\})$	5592064
12	$\mathcal{O}(0; \{6^3, 4^{12}, 2^{13}\})$	4096
12	$\mathcal{O}(0; \{6^3, 4^{12}, 3^3, 2^9\})$	45056
12	$\mathcal{O}(0; \{6^3, 4^{12}, 3^6, 2^5\})$	348160
12	$\mathcal{O}(0; \{6^3, 4^{12}, 3^9, 2\})$	2797568
12	$\mathcal{O}(0; \{6^3, 4^{14}, 2^{10}\})$	16384
12	$\mathcal{O}(0; \{6^3, 4^{14}, 3^3, 2^6\})$	180224
12	$\mathcal{O}(0; \{6^3, 4^{14}, 3^6, 2^2\})$	1392640
12	$\mathcal{O}(0; \{6^3, 4^{16}, 2^7\})$	65536
12	$\mathcal{O}(0; \{6^3, 4^{16}, 3^3, 2^3\})$	720896
12	$\mathcal{O}(0; \{6^3, 4^{18}, 2^4\})$	262144
12	$\mathcal{O}(0; \{6^3, 4^{18}, 3^3\})$	2883584
12	$\mathcal{O}(0; \{6^3, 4^{20}, 2\})$	1048576
12	$\mathcal{O}(0; \{6^4, 4^2, 3, 2^{25}\})$	20
12	$\mathcal{O}(0; \{6^4, 4^2, 3^4, 2^{21}\})$	172
12	$\mathcal{O}(0; \{6^4, 4^2, 3^7, 2^{17}\})$	1364
12	$\mathcal{O}(0; \{6^4, 4^2, 3^{10}, 2^{13}\})$	10924
12	$\mathcal{O}(0; \{6^4, 4^2, 3^{13}, 2^9\})$	87380
12	$\mathcal{O}(0; \{6^4, 4^2, 3^{16}, 2^5\})$	699052
12	$\mathcal{O}(0; \{6^4, 4^2, 3^{19}, 2\})$	5592404
12	$\mathcal{O}(0; \{6^4, 4^4, 3, 2^{22}\})$	80
12	$\mathcal{O}(0; \{6^4, 4^4, 3^4, 2^{18}\})$	688
12	$\mathcal{O}(0; \{6^4, 4^4, 3^7, 2^{14}\})$	5456
12	$\mathcal{O}(0; \{6^4, 4^4, 3^{10}, 2^{10}\})$	43696
12	$\mathcal{O}(0; \{6^4, 4^4, 3^{13}, 2^6\})$	349520
12	$\mathcal{O}(0; \{6^4, 4^4, 3^{16}, 2^2\})$	2796208
12	$\mathcal{O}(0; \{6^4, 4^6, 3, 2^{19}\})$	320
12	$\mathcal{O}(0; \{6^4, 4^6, 3^4, 2^{15}\})$	2752
12	$\mathcal{O}(0; \{6^4, 4^6, 3^7, 2^{11}\})$	21824
12	$\mathcal{O}(0; \{6^4, 4^6, 3^{10}, 2^7\})$	174784
12	$\mathcal{O}(0; \{6^4, 4^6, 3^{13}, 2^3\})$	1398080
12	$\mathcal{O}(0; \{6^4, 4^8, 3, 2^{16}\})$	1280
12	$\mathcal{O}(0; \{6^4, 4^8, 3^4, 2^{12}\})$	11008
12	$\mathcal{O}(0; \{6^4, 4^8, 3^7, 2^8\})$	87296
12	$\mathcal{O}(0; \{6^4, 4^8, 3^{10}, 2^4\})$	699136
12	$\mathcal{O}(0; \{6^4, 4^8, 3^{13}\})$	5592320
12	$\mathcal{O}(0; \{6^4, 4^{10}, 3, 2^{13}\})$	5120
12	$\mathcal{O}(0; \{6^4, 4^{10}, 3^4, 2^9\})$	44032

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^4, 4^{10}, 3^7, 2^5\})$	349184
12	$\mathcal{O}(0; \{6^4, 4^{10}, 3^{10}, 2\})$	2796544
12	$\mathcal{O}(0; \{6^4, 4^{12}, 3, 2^{10}\})$	20480
12	$\mathcal{O}(0; \{6^4, 4^{12}, 3^4, 2^6\})$	176128
12	$\mathcal{O}(0; \{6^4, 4^{12}, 3^7, 2^2\})$	1396736
12	$\mathcal{O}(0; \{6^4, 4^{14}, 3, 2^7\})$	81920
12	$\mathcal{O}(0; \{6^4, 4^{14}, 3^4, 2^3\})$	704512
12	$\mathcal{O}(0; \{6^4, 4^{16}, 3, 2^4\})$	327680
12	$\mathcal{O}(0; \{6^4, 4^{16}, 3^4\})$	2818048
12	$\mathcal{O}(0; \{6^4, 4^{18}, 3, 2\})$	1310720
12	$\mathcal{O}(0; \{6^5, 4^2, 3^2, 2^{22}\})$	84
12	$\mathcal{O}(0; \{6^5, 4^2, 3^5, 2^{18}\})$	684
12	$\mathcal{O}(0; \{6^5, 4^2, 3^8, 2^{14}\})$	5460
12	$\mathcal{O}(0; \{6^5, 4^2, 3^{11}, 2^{10}\})$	43692
12	$\mathcal{O}(0; \{6^5, 4^2, 3^{14}, 2^6\})$	349524
12	$\mathcal{O}(0; \{6^5, 4^2, 3^{17}, 2^2\})$	2796204
12	$\mathcal{O}(0; \{6^5, 4^4, 3^2, 2^{19}\})$	336
12	$\mathcal{O}(0; \{6^5, 4^4, 3^5, 2^{15}\})$	2736
12	$\mathcal{O}(0; \{6^5, 4^4, 3^8, 2^{11}\})$	21840
12	$\mathcal{O}(0; \{6^5, 4^4, 3^{11}, 2^7\})$	174768
12	$\mathcal{O}(0; \{6^5, 4^4, 3^{14}, 2^3\})$	1398096
12	$\mathcal{O}(0; \{6^5, 4^6, 3^2, 2^{16}\})$	1344
12	$\mathcal{O}(0; \{6^5, 4^6, 3^5, 2^{12}\})$	10944
12	$\mathcal{O}(0; \{6^5, 4^6, 3^8, 2^8\})$	87360
12	$\mathcal{O}(0; \{6^5, 4^6, 3^{11}, 2^4\})$	699072
12	$\mathcal{O}(0; \{6^5, 4^6, 3^{14}\})$	5592384
12	$\mathcal{O}(0; \{6^5, 4^8, 3^2, 2^{13}\})$	5376
12	$\mathcal{O}(0; \{6^5, 4^8, 3^5, 2^9\})$	43776
12	$\mathcal{O}(0; \{6^5, 4^8, 3^8, 2^5\})$	349440
12	$\mathcal{O}(0; \{6^5, 4^8, 3^{11}, 2\})$	2796288
12	$\mathcal{O}(0; \{6^5, 4^{10}, 3^2, 2^{10}\})$	21504
12	$\mathcal{O}(0; \{6^5, 4^{10}, 3^5, 2^6\})$	175104
12	$\mathcal{O}(0; \{6^5, 4^{10}, 3^8, 2^2\})$	1397760
12	$\mathcal{O}(0; \{6^5, 4^{12}, 3^2, 2^7\})$	86016
12	$\mathcal{O}(0; \{6^5, 4^{12}, 3^5, 2^3\})$	700416
12	$\mathcal{O}(0; \{6^5, 4^{14}, 3^2, 2^4\})$	344064
12	$\mathcal{O}(0; \{6^5, 4^{14}, 3^5\})$	2801664
12	$\mathcal{O}(0; \{6^5, 4^{16}, 3^2, 2\})$	1376256
12	$\mathcal{O}(0; \{6^6, 4^2, 2^{23}\})$	44
12	$\mathcal{O}(0; \{6^6, 4^2, 3^3, 2^{19}\})$	340
12	$\mathcal{O}(0; \{6^6, 4^2, 3^6, 2^{15}\})$	2732
12	$\mathcal{O}(0; \{6^6, 4^2, 3^9, 2^{11}\})$	21844
12	$\mathcal{O}(0; \{6^6, 4^2, 3^{12}, 2^7\})$	174764

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^6, 4^2, 3^{15}, 2^3\})$	1398100
12	$\mathcal{O}(0; \{6^6, 4^4, 2^{20}\})$	176
12	$\mathcal{O}(0; \{6^6, 4^4, 3^3, 2^{16}\})$	1360
12	$\mathcal{O}(0; \{6^6, 4^4, 3^6, 2^{12}\})$	10928
12	$\mathcal{O}(0; \{6^6, 4^4, 3^9, 2^8\})$	87376
12	$\mathcal{O}(0; \{6^6, 4^4, 3^{12}, 2^4\})$	699056
12	$\mathcal{O}(0; \{6^6, 4^4, 3^{15}\})$	5592400
12	$\mathcal{O}(0; \{6^6, 4^6, 2^{17}\})$	704
12	$\mathcal{O}(0; \{6^6, 4^6, 3^3, 2^{13}\})$	5440
12	$\mathcal{O}(0; \{6^6, 4^6, 3^6, 2^9\})$	43712
12	$\mathcal{O}(0; \{6^6, 4^6, 3^9, 2^5\})$	349504
12	$\mathcal{O}(0; \{6^6, 4^6, 3^{12}, 2\})$	2796224
12	$\mathcal{O}(0; \{6^6, 4^8, 2^{14}\})$	2816
12	$\mathcal{O}(0; \{6^6, 4^8, 3^3, 2^{10}\})$	21760
12	$\mathcal{O}(0; \{6^6, 4^8, 3^6, 2^6\})$	174848
12	$\mathcal{O}(0; \{6^6, 4^8, 3^9, 2^2\})$	1398016
12	$\mathcal{O}(0; \{6^6, 4^{10}, 2^{11}\})$	11264
12	$\mathcal{O}(0; \{6^6, 4^{10}, 3^3, 2^7\})$	87040
12	$\mathcal{O}(0; \{6^6, 4^{10}, 3^6, 2^3\})$	699392
12	$\mathcal{O}(0; \{6^6, 4^{12}, 2^8\})$	45056
12	$\mathcal{O}(0; \{6^6, 4^{12}, 3^3, 2^4\})$	348160
12	$\mathcal{O}(0; \{6^6, 4^{12}, 3^6\})$	2797568
12	$\mathcal{O}(0; \{6^6, 4^{14}, 2^5\})$	180224
12	$\mathcal{O}(0; \{6^6, 4^{14}, 3^3, 2\})$	1392640
12	$\mathcal{O}(0; \{6^6, 4^{16}, 2^2\})$	720896
12	$\mathcal{O}(0; \{6^7, 4^2, 3, 2^{20}\})$	172
12	$\mathcal{O}(0; \{6^7, 4^2, 3^4, 2^{16}\})$	1364
12	$\mathcal{O}(0; \{6^7, 4^2, 3^7, 2^{12}\})$	10924
12	$\mathcal{O}(0; \{6^7, 4^2, 3^{10}, 2^8\})$	87380
12	$\mathcal{O}(0; \{6^7, 4^2, 3^{13}, 2^4\})$	699052
12	$\mathcal{O}(0; \{6^7, 4^2, 3^{16}\})$	5592404
12	$\mathcal{O}(0; \{6^7, 4^4, 3, 2^{17}\})$	688
12	$\mathcal{O}(0; \{6^7, 4^4, 3^4, 2^{13}\})$	5456
12	$\mathcal{O}(0; \{6^7, 4^4, 3^7, 2^9\})$	43696
12	$\mathcal{O}(0; \{6^7, 4^4, 3^{10}, 2^5\})$	349520
12	$\mathcal{O}(0; \{6^7, 4^4, 3^{13}, 2\})$	2796208
12	$\mathcal{O}(0; \{6^7, 4^6, 3, 2^{14}\})$	2752
12	$\mathcal{O}(0; \{6^7, 4^6, 3^4, 2^{10}\})$	21824
12	$\mathcal{O}(0; \{6^7, 4^6, 3^7, 2^6\})$	174784
12	$\mathcal{O}(0; \{6^7, 4^6, 3^{10}, 2^2\})$	1398080
12	$\mathcal{O}(0; \{6^7, 4^8, 3, 2^{11}\})$	11008
12	$\mathcal{O}(0; \{6^7, 4^8, 3^4, 2^7\})$	87296
12	$\mathcal{O}(0; \{6^7, 4^8, 3^7, 2^3\})$	699136

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^7, 4^{10}, 3, 2^8\})$	44032
12	$\mathcal{O}(0; \{6^7, 4^{10}, 3^4, 2^4\})$	349184
12	$\mathcal{O}(0; \{6^7, 4^{10}, 3^7\})$	2796544
12	$\mathcal{O}(0; \{6^7, 4^{12}, 3, 2^5\})$	176128
12	$\mathcal{O}(0; \{6^7, 4^{12}, 3^4, 2\})$	1396736
12	$\mathcal{O}(0; \{6^7, 4^{14}, 3, 2^2\})$	704512
12	$\mathcal{O}(0; \{6^8, 4^2, 3^2, 2^{17}\})$	684
12	$\mathcal{O}(0; \{6^8, 4^2, 3^5, 2^{13}\})$	5460
12	$\mathcal{O}(0; \{6^8, 4^2, 3^8, 2^9\})$	43692
12	$\mathcal{O}(0; \{6^8, 4^2, 3^{11}, 2^5\})$	349524
12	$\mathcal{O}(0; \{6^8, 4^2, 3^{14}, 2\})$	2796204
12	$\mathcal{O}(0; \{6^8, 4^4, 3^2, 2^{14}\})$	2736
12	$\mathcal{O}(0; \{6^8, 4^4, 3^5, 2^{10}\})$	21840
12	$\mathcal{O}(0; \{6^8, 4^4, 3^8, 2^6\})$	174768
12	$\mathcal{O}(0; \{6^8, 4^4, 3^{11}, 2^2\})$	1398096
12	$\mathcal{O}(0; \{6^8, 4^6, 3^2, 2^{11}\})$	10944
12	$\mathcal{O}(0; \{6^8, 4^6, 3^5, 2^7\})$	87360
12	$\mathcal{O}(0; \{6^8, 4^6, 3^8, 2^3\})$	699072
12	$\mathcal{O}(0; \{6^8, 4^8, 3^2, 2^8\})$	43776
12	$\mathcal{O}(0; \{6^8, 4^8, 3^5, 2^4\})$	349440
12	$\mathcal{O}(0; \{6^8, 4^8, 3^8\})$	2796288
12	$\mathcal{O}(0; \{6^8, 4^{10}, 3^2, 2^5\})$	175104
12	$\mathcal{O}(0; \{6^8, 4^{10}, 3^5, 2\})$	1397760
12	$\mathcal{O}(0; \{6^8, 4^{12}, 3^2, 2^2\})$	700416
12	$\mathcal{O}(0; \{6^9, 4^2, 2^{18}\})$	340
12	$\mathcal{O}(0; \{6^9, 4^2, 3^3, 2^{14}\})$	2732
12	$\mathcal{O}(0; \{6^9, 4^2, 3^6, 2^{10}\})$	21844
12	$\mathcal{O}(0; \{6^9, 4^2, 3^9, 2^6\})$	174764
12	$\mathcal{O}(0; \{6^9, 4^2, 3^{12}, 2^2\})$	1398100
12	$\mathcal{O}(0; \{6^9, 4^4, 2^{15}\})$	1360
12	$\mathcal{O}(0; \{6^9, 4^4, 3^3, 2^{11}\})$	10928
12	$\mathcal{O}(0; \{6^9, 4^4, 3^6, 2^7\})$	87376
12	$\mathcal{O}(0; \{6^9, 4^4, 3^9, 2^3\})$	699056
12	$\mathcal{O}(0; \{6^9, 4^6, 2^{12}\})$	5440
12	$\mathcal{O}(0; \{6^9, 4^6, 3^3, 2^8\})$	43712
12	$\mathcal{O}(0; \{6^9, 4^6, 3^6, 2^4\})$	349504
12	$\mathcal{O}(0; \{6^9, 4^6, 3^9\})$	2796224
12	$\mathcal{O}(0; \{6^9, 4^8, 2^9\})$	21760
12	$\mathcal{O}(0; \{6^9, 4^8, 3^3, 2^5\})$	174848
12	$\mathcal{O}(0; \{6^9, 4^8, 3^6, 2\})$	1398016
12	$\mathcal{O}(0; \{6^9, 4^{10}, 2^6\})$	87040
12	$\mathcal{O}(0; \{6^9, 4^{10}, 3^3, 2^2\})$	699392
12	$\mathcal{O}(0; \{6^9, 4^{12}, 2^3\})$	348160

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^9, 4^{14}\})$	1392640
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3, 2^{15}\})$	1364
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^4, 2^{11}\})$	10924
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^7, 2^7\})$	87380
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^{10}, 2^3\})$	699052
12	$\mathcal{O}(0; \{6^{10}, 4^4, 3, 2^{12}\})$	5456
12	$\mathcal{O}(0; \{6^{10}, 4^4, 3^4, 2^8\})$	43696
12	$\mathcal{O}(0; \{6^{10}, 4^4, 3^7, 2^4\})$	349520
12	$\mathcal{O}(0; \{6^{10}, 4^4, 3^{10}\})$	2796208
12	$\mathcal{O}(0; \{6^{10}, 4^6, 3, 2^9\})$	21824
12	$\mathcal{O}(0; \{6^{10}, 4^6, 3^4, 2^5\})$	174784
12	$\mathcal{O}(0; \{6^{10}, 4^6, 3^7, 2\})$	1398080
12	$\mathcal{O}(0; \{6^{10}, 4^8, 3, 2^6\})$	87296
12	$\mathcal{O}(0; \{6^{10}, 4^8, 3^4, 2^2\})$	699136
12	$\mathcal{O}(0; \{6^{10}, 4^{10}, 3, 2^3\})$	349184
12	$\mathcal{O}(0; \{6^{10}, 4^{12}, 3\})$	1396736
12	$\mathcal{O}(0; \{6^{11}, 4^2, 3^2, 2^{12}\})$	5460
12	$\mathcal{O}(0; \{6^{11}, 4^2, 3^5, 2^8\})$	43692
12	$\mathcal{O}(0; \{6^{11}, 4^2, 3^8, 2^4\})$	349524
12	$\mathcal{O}(0; \{6^{11}, 4^2, 3^{11}\})$	2796204
12	$\mathcal{O}(0; \{6^{11}, 4^4, 3^2, 2^9\})$	21840
12	$\mathcal{O}(0; \{6^{11}, 4^4, 3^5, 2^5\})$	174768
12	$\mathcal{O}(0; \{6^{11}, 4^4, 3^8, 2\})$	1398096
12	$\mathcal{O}(0; \{6^{11}, 4^6, 3^2, 2^6\})$	87360
12	$\mathcal{O}(0; \{6^{11}, 4^6, 3^5, 2^2\})$	699072
12	$\mathcal{O}(0; \{6^{11}, 4^8, 3^2, 2^3\})$	349440
12	$\mathcal{O}(0; \{6^{11}, 4^{10}, 3^2\})$	1397760
12	$\mathcal{O}(0; \{6^{12}, 4^2, 2^{13}\})$	2732
12	$\mathcal{O}(0; \{6^{12}, 4^2, 3^3, 2^9\})$	21844
12	$\mathcal{O}(0; \{6^{12}, 4^2, 3^6, 2^5\})$	174764
12	$\mathcal{O}(0; \{6^{12}, 4^2, 3^9, 2\})$	1398100
12	$\mathcal{O}(0; \{6^{12}, 4^4, 2^{10}\})$	10928
12	$\mathcal{O}(0; \{6^{12}, 4^4, 3^3, 2^6\})$	87376
12	$\mathcal{O}(0; \{6^{12}, 4^4, 3^6, 2^2\})$	699056
12	$\mathcal{O}(0; \{6^{12}, 4^6, 2^7\})$	43712
12	$\mathcal{O}(0; \{6^{12}, 4^6, 3^3, 2^3\})$	349504
12	$\mathcal{O}(0; \{6^{12}, 4^8, 2^4\})$	174848
12	$\mathcal{O}(0; \{6^{12}, 4^8, 3^3\})$	1398016
12	$\mathcal{O}(0; \{6^{12}, 4^{10}, 2\})$	699392
12	$\mathcal{O}(0; \{6^{13}, 4^2, 3, 2^{10}\})$	10924
12	$\mathcal{O}(0; \{6^{13}, 4^2, 3^4, 2^6\})$	87380
12	$\mathcal{O}(0; \{6^{13}, 4^2, 3^7, 2^2\})$	699052
12	$\mathcal{O}(0; \{6^{13}, 4^4, 3, 2^7\})$	43696

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^{13}, 4^4, 3^4, 2^3\})$	349520
12	$\mathcal{O}(0; \{6^{13}, 4^6, 3, 2^4\})$	174784
12	$\mathcal{O}(0; \{6^{13}, 4^6, 3^4\})$	1398080
12	$\mathcal{O}(0; \{6^{13}, 4^8, 3, 2\})$	699136
12	$\mathcal{O}(0; \{6^{14}, 4^2, 3^2, 2^7\})$	43692
12	$\mathcal{O}(0; \{6^{14}, 4^2, 3^5, 2^3\})$	349524
12	$\mathcal{O}(0; \{6^{14}, 4^4, 3^2, 2^4\})$	174768
12	$\mathcal{O}(0; \{6^{14}, 4^4, 3^5\})$	1398096
12	$\mathcal{O}(0; \{6^{14}, 4^6, 3^2, 2\})$	699072
12	$\mathcal{O}(0; \{6^{15}, 4^2, 2^8\})$	21844
12	$\mathcal{O}(0; \{6^{15}, 4^2, 3^3, 2^4\})$	174764
12	$\mathcal{O}(0; \{6^{15}, 4^2, 3^6\})$	1398100
12	$\mathcal{O}(0; \{6^{15}, 4^4, 2^5\})$	87376
12	$\mathcal{O}(0; \{6^{15}, 4^4, 3^3, 2\})$	699056
12	$\mathcal{O}(0; \{6^{15}, 4^6, 2^2\})$	349504
12	$\mathcal{O}(0; \{6^{16}, 4^2, 3, 2^5\})$	87380
12	$\mathcal{O}(0; \{6^{16}, 4^2, 3^4, 2\})$	699052
12	$\mathcal{O}(0; \{6^{16}, 4^4, 3, 2^2\})$	349520
12	$\mathcal{O}(0; \{6^{17}, 4^2, 3^2, 2^2\})$	349524
12	$\mathcal{O}(0; \{6^{18}, 4^2, 2^3\})$	174764
12	$\mathcal{O}(0; \{6^{18}, 4^4\})$	699056
12	$\mathcal{O}(0; \{6^{19}, 4^2, 3\})$	699052
12	$\mathcal{O}(0; \{12, 4, 3^2, 2^{30}\})$	4
12	$\mathcal{O}(0; \{12, 4, 3^5, 2^{26}\})$	44
12	$\mathcal{O}(0; \{12, 4, 3^8, 2^{22}\})$	340
12	$\mathcal{O}(0; \{12, 4, 3^{11}, 2^{18}\})$	2732
12	$\mathcal{O}(0; \{12, 4, 3^{14}, 2^{14}\})$	21844
12	$\mathcal{O}(0; \{12, 4, 3^{17}, 2^{10}\})$	174764
12	$\mathcal{O}(0; \{12, 4, 3^{20}, 2^6\})$	1398100
12	$\mathcal{O}(0; \{12, 4, 3^{23}, 2^2\})$	11184812
12	$\mathcal{O}(0; \{12, 4^3, 3^2, 2^{27}\})$	16
12	$\mathcal{O}(0; \{12, 4^3, 3^5, 2^{23}\})$	176
12	$\mathcal{O}(0; \{12, 4^3, 3^8, 2^{19}\})$	1360
12	$\mathcal{O}(0; \{12, 4^3, 3^{11}, 2^{15}\})$	10928
12	$\mathcal{O}(0; \{12, 4^3, 3^{14}, 2^{11}\})$	87376
12	$\mathcal{O}(0; \{12, 4^3, 3^{17}, 2^7\})$	699056
12	$\mathcal{O}(0; \{12, 4^3, 3^{20}, 2^3\})$	5592400
12	$\mathcal{O}(0; \{12, 4^5, 3^2, 2^{24}\})$	64
12	$\mathcal{O}(0; \{12, 4^5, 3^5, 2^{20}\})$	704
12	$\mathcal{O}(0; \{12, 4^5, 3^8, 2^{16}\})$	5440
12	$\mathcal{O}(0; \{12, 4^5, 3^{11}, 2^{12}\})$	43712
12	$\mathcal{O}(0; \{12, 4^5, 3^{14}, 2^8\})$	349504
12	$\mathcal{O}(0; \{12, 4^5, 3^{17}, 2^4\})$	2796224

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 4^5, 3^{20}\})$	22369600
12	$\mathcal{O}(0; \{12, 4^7, 3^2, 2^{21}\})$	256
12	$\mathcal{O}(0; \{12, 4^7, 3^5, 2^{17}\})$	2816
12	$\mathcal{O}(0; \{12, 4^7, 3^8, 2^{13}\})$	21760
12	$\mathcal{O}(0; \{12, 4^7, 3^{11}, 2^9\})$	174848
12	$\mathcal{O}(0; \{12, 4^7, 3^{14}, 2^5\})$	1398016
12	$\mathcal{O}(0; \{12, 4^7, 3^{17}, 2\})$	11184896
12	$\mathcal{O}(0; \{12, 4^9, 3^2, 2^{18}\})$	1024
12	$\mathcal{O}(0; \{12, 4^9, 3^5, 2^{14}\})$	11264
12	$\mathcal{O}(0; \{12, 4^9, 3^8, 2^{10}\})$	87040
12	$\mathcal{O}(0; \{12, 4^9, 3^{11}, 2^6\})$	699392
12	$\mathcal{O}(0; \{12, 4^9, 3^{14}, 2^2\})$	5592064
12	$\mathcal{O}(0; \{12, 4^{11}, 3^2, 2^{15}\})$	4096
12	$\mathcal{O}(0; \{12, 4^{11}, 3^5, 2^{11}\})$	45056
12	$\mathcal{O}(0; \{12, 4^{11}, 3^8, 2^7\})$	348160
12	$\mathcal{O}(0; \{12, 4^{11}, 3^{11}, 2^3\})$	2797568
12	$\mathcal{O}(0; \{12, 4^{13}, 3^2, 2^{12}\})$	16384
12	$\mathcal{O}(0; \{12, 4^{13}, 3^5, 2^8\})$	180224
12	$\mathcal{O}(0; \{12, 4^{13}, 3^8, 2^4\})$	1392640
12	$\mathcal{O}(0; \{12, 4^{13}, 3^{11}\})$	11190272
12	$\mathcal{O}(0; \{12, 4^{15}, 3^2, 2^9\})$	65536
12	$\mathcal{O}(0; \{12, 4^{15}, 3^5, 2^5\})$	720896
12	$\mathcal{O}(0; \{12, 4^{15}, 3^8, 2\})$	5570560
12	$\mathcal{O}(0; \{12, 4^{17}, 3^2, 2^6\})$	262144
12	$\mathcal{O}(0; \{12, 4^{17}, 3^5, 2^2\})$	2883584
12	$\mathcal{O}(0; \{12, 4^{19}, 3^2, 2^3\})$	1048576
12	$\mathcal{O}(0; \{12, 4^{21}, 3^2\})$	4194304
12	$\mathcal{O}(0; \{12, 6, 4, 2^{31}\})$	4
12	$\mathcal{O}(0; \{12, 6, 4, 3^3, 2^{27}\})$	20
12	$\mathcal{O}(0; \{12, 6, 4, 3^6, 2^{23}\})$	172
12	$\mathcal{O}(0; \{12, 6, 4, 3^9, 2^{19}\})$	1364
12	$\mathcal{O}(0; \{12, 6, 4, 3^{12}, 2^{15}\})$	10924
12	$\mathcal{O}(0; \{12, 6, 4, 3^{15}, 2^{11}\})$	87380
12	$\mathcal{O}(0; \{12, 6, 4, 3^{18}, 2^7\})$	699052
12	$\mathcal{O}(0; \{12, 6, 4, 3^{21}, 2^3\})$	5592404
12	$\mathcal{O}(0; \{12, 6, 4^3, 2^{28}\})$	16
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^3, 2^{24}\})$	80
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^6, 2^{20}\})$	688
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^9, 2^{16}\})$	5456
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{12}, 2^{12}\})$	43696
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{15}, 2^8\})$	349520
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{18}, 2^4\})$	2796208
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{21}\})$	22369616

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6, 4^5, 2^{25}\})$	64
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^3, 2^{21}\})$	320
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^6, 2^{17}\})$	2752
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^9, 2^{13}\})$	21824
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^{12}, 2^9\})$	174784
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^{15}, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^{18}, 2\})$	11184832
12	$\mathcal{O}(0; \{12, 6, 4^7, 2^{22}\})$	256
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^3, 2^{18}\})$	1280
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^6, 2^{14}\})$	11008
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^9, 2^{10}\})$	87296
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^{12}, 2^6\})$	699136
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^{15}, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12, 6, 4^9, 2^{19}\})$	1024
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^3, 2^{15}\})$	5120
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^6, 2^{11}\})$	44032
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^9, 2^7\})$	349184
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^{12}, 2^3\})$	2796544
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 2^{16}\})$	4096
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3^3, 2^{12}\})$	20480
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3^6, 2^8\})$	176128
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3^9, 2^4\})$	1396736
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3^{12}\})$	11186176
12	$\mathcal{O}(0; \{12, 6, 4^{13}, 2^{13}\})$	16384
12	$\mathcal{O}(0; \{12, 6, 4^{13}, 3^3, 2^9\})$	81920
12	$\mathcal{O}(0; \{12, 6, 4^{13}, 3^6, 2^5\})$	704512
12	$\mathcal{O}(0; \{12, 6, 4^{13}, 3^9, 2\})$	5586944
12	$\mathcal{O}(0; \{12, 6, 4^{15}, 2^{10}\})$	65536
12	$\mathcal{O}(0; \{12, 6, 4^{15}, 3^3, 2^6\})$	327680
12	$\mathcal{O}(0; \{12, 6, 4^{15}, 3^6, 2^2\})$	2818048
12	$\mathcal{O}(0; \{12, 6, 4^{17}, 2^7\})$	262144
12	$\mathcal{O}(0; \{12, 6, 4^{17}, 3^3, 2^3\})$	1310720
12	$\mathcal{O}(0; \{12, 6, 4^{19}, 2^4\})$	1048576
12	$\mathcal{O}(0; \{12, 6, 4^{19}, 3^3\})$	5242880
12	$\mathcal{O}(0; \{12, 6, 4^{21}, 2\})$	4194304
12	$\mathcal{O}(0; \{12, 6^2, 4, 3, 2^{28}\})$	12
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^4, 2^{24}\})$	84
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^7, 2^{20}\})$	684
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{10}, 2^{16}\})$	5460
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{13}, 2^{12}\})$	43692
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{16}, 2^8\})$	349524
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{19}, 2^4\})$	2796204
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{22}\})$	22369620

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3, 2^{25}\})$	48
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^4, 2^{21}\})$	336
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^7, 2^{17}\})$	2736
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^{10}, 2^{13}\})$	21840
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^{13}, 2^9\})$	174768
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^{16}, 2^5\})$	1398096
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^{19}, 2\})$	11184816
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3, 2^{22}\})$	192
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^4, 2^{18}\})$	1344
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^7, 2^{14}\})$	10944
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^{10}, 2^{10}\})$	87360
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^{13}, 2^6\})$	699072
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^{16}, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3, 2^{19}\})$	768
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^4, 2^{15}\})$	5376
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^7, 2^{11}\})$	43776
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^{10}, 2^7\})$	349440
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^{13}, 2^3\})$	2796288
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3, 2^{16}\})$	3072
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^4, 2^{12}\})$	21504
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^7, 2^8\})$	175104
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^{10}, 2^4\})$	1397760
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^{13}\})$	11185152
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 3, 2^{13}\})$	12288
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 3^4, 2^9\})$	86016
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 3^7, 2^5\})$	700416
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 3^{10}, 2\})$	5591040
12	$\mathcal{O}(0; \{12, 6^2, 4^{13}, 3, 2^{10}\})$	49152
12	$\mathcal{O}(0; \{12, 6^2, 4^{13}, 3^4, 2^6\})$	344064
12	$\mathcal{O}(0; \{12, 6^2, 4^{13}, 3^7, 2^2\})$	2801664
12	$\mathcal{O}(0; \{12, 6^2, 4^{15}, 3, 2^7\})$	196608
12	$\mathcal{O}(0; \{12, 6^2, 4^{15}, 3^4, 2^3\})$	1376256
12	$\mathcal{O}(0; \{12, 6^2, 4^{17}, 3, 2^4\})$	786432
12	$\mathcal{O}(0; \{12, 6^2, 4^{17}, 3^4\})$	5505024
12	$\mathcal{O}(0; \{12, 6^2, 4^{19}, 3, 2\})$	3145728
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^2, 2^{25}\})$	44
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^5, 2^{21}\})$	340
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^8, 2^{17}\})$	2732
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{11}, 2^{13}\})$	21844
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{14}, 2^9\})$	174764
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{17}, 2^5\})$	1398100
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{20}, 2\})$	11184812
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^2, 2^{22}\})$	176

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^5, 2^{18}\})$	1360
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^8, 2^{14}\})$	10928
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^{11}, 2^{10}\})$	87376
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^{14}, 2^6\})$	699056
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^{17}, 2^2\})$	5592400
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^2, 2^{19}\})$	704
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^5, 2^{15}\})$	5440
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^8, 2^{11}\})$	43712
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^{11}, 2^7\})$	349504
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^{14}, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^2, 2^{16}\})$	2816
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^5, 2^{12}\})$	21760
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^8, 2^8\})$	174848
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^{11}, 2^4\})$	1398016
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^{14}\})$	11184896
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3^2, 2^{13}\})$	11264
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3^5, 2^9\})$	87040
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3^8, 2^5\})$	699392
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3^{11}, 2\})$	5592064
12	$\mathcal{O}(0; \{12, 6^3, 4^{11}, 3^2, 2^{10}\})$	45056
12	$\mathcal{O}(0; \{12, 6^3, 4^{11}, 3^5, 2^6\})$	348160
12	$\mathcal{O}(0; \{12, 6^3, 4^{11}, 3^8, 2^2\})$	2797568
12	$\mathcal{O}(0; \{12, 6^3, 4^{13}, 3^2, 2^7\})$	180224
12	$\mathcal{O}(0; \{12, 6^3, 4^{13}, 3^5, 2^3\})$	1392640
12	$\mathcal{O}(0; \{12, 6^3, 4^{15}, 3^2, 2^4\})$	720896
12	$\mathcal{O}(0; \{12, 6^3, 4^{15}, 3^5\})$	5570560
12	$\mathcal{O}(0; \{12, 6^3, 4^{17}, 3^2, 2\})$	2883584
12	$\mathcal{O}(0; \{12, 6^4, 4, 2^{26}\})$	20
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^3, 2^{22}\})$	172
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^6, 2^{18}\})$	1364
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^9, 2^{14}\})$	10924
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^{12}, 2^{10}\})$	87380
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^{15}, 2^6\})$	699052
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^{18}, 2^2\})$	5592404
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 2^{23}\})$	80
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^3, 2^{19}\})$	688
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^6, 2^{15}\})$	5456
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^9, 2^{11}\})$	43696
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^{12}, 2^7\})$	349520
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^{15}, 2^3\})$	2796208
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 2^{20}\})$	320
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^3, 2^{16}\})$	2752
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^6, 2^{12}\})$	21824

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^9, 2^8\})$	174784
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^{12}, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^{15}\})$	11184832
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 2^{17}\})$	1280
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^3, 2^{13}\})$	11008
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^6, 2^9\})$	87296
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^9, 2^5\})$	699136
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^{12}, 2\})$	5592320
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 2^{14}\})$	5120
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 3^3, 2^{10}\})$	44032
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 3^6, 2^6\})$	349184
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 3^9, 2^2\})$	2796544
12	$\mathcal{O}(0; \{12, 6^4, 4^{11}, 2^{11}\})$	20480
12	$\mathcal{O}(0; \{12, 6^4, 4^{11}, 3^3, 2^7\})$	176128
12	$\mathcal{O}(0; \{12, 6^4, 4^{11}, 3^6, 2^3\})$	1396736
12	$\mathcal{O}(0; \{12, 6^4, 4^{13}, 2^8\})$	81920
12	$\mathcal{O}(0; \{12, 6^4, 4^{13}, 3^3, 2^4\})$	704512
12	$\mathcal{O}(0; \{12, 6^4, 4^{13}, 3^6\})$	5586944
12	$\mathcal{O}(0; \{12, 6^4, 4^{15}, 2^5\})$	327680
12	$\mathcal{O}(0; \{12, 6^4, 4^{15}, 3^3, 2\})$	2818048
12	$\mathcal{O}(0; \{12, 6^4, 4^{17}, 2^2\})$	1310720
12	$\mathcal{O}(0; \{12, 6^5, 4, 3, 2^{23}\})$	84
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^4, 2^{19}\})$	684
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^7, 2^{15}\})$	5460
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^{10}, 2^{11}\})$	43692
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^{13}, 2^7\})$	349524
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^{16}, 2^3\})$	2796204
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3, 2^{20}\})$	336
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^4, 2^{16}\})$	2736
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^7, 2^{12}\})$	21840
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^{10}, 2^8\})$	174768
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^{13}, 2^4\})$	1398096
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^{16}\})$	11184816
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3, 2^{17}\})$	1344
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^4, 2^{13}\})$	10944
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^7, 2^9\})$	87360
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^{10}, 2^5\})$	699072
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^{13}, 2\})$	5592384
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3, 2^{14}\})$	5376
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3^4, 2^{10}\})$	43776
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3^7, 2^6\})$	349440
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3^{10}, 2^2\})$	2796288
12	$\mathcal{O}(0; \{12, 6^5, 4^9, 3, 2^{11}\})$	21504

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^5, 4^9, 3^4, 2^7\})$	175104
12	$\mathcal{O}(0; \{12, 6^5, 4^9, 3^7, 2^3\})$	1397760
12	$\mathcal{O}(0; \{12, 6^5, 4^{11}, 3, 2^8\})$	86016
12	$\mathcal{O}(0; \{12, 6^5, 4^{11}, 3^4, 2^4\})$	700416
12	$\mathcal{O}(0; \{12, 6^5, 4^{11}, 3^7\})$	5591040
12	$\mathcal{O}(0; \{12, 6^5, 4^{13}, 3, 2^5\})$	344064
12	$\mathcal{O}(0; \{12, 6^5, 4^{13}, 3^4, 2\})$	2801664
12	$\mathcal{O}(0; \{12, 6^5, 4^{15}, 3, 2^2\})$	1376256
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^2, 2^{20}\})$	340
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^5, 2^{16}\})$	2732
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^8, 2^{12}\})$	21844
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^{11}, 2^8\})$	174764
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^{14}, 2^4\})$	1398100
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^{17}\})$	11184812
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^2, 2^{17}\})$	1360
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^5, 2^{13}\})$	10928
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^8, 2^9\})$	87376
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^{11}, 2^5\})$	699056
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^{14}, 2\})$	5592400
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^2, 2^{14}\})$	5440
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^5, 2^{10}\})$	43712
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^8, 2^6\})$	349504
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^{11}, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 3^2, 2^{11}\})$	21760
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 3^5, 2^7\})$	174848
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 3^8, 2^3\})$	1398016
12	$\mathcal{O}(0; \{12, 6^6, 4^9, 3^2, 2^8\})$	87040
12	$\mathcal{O}(0; \{12, 6^6, 4^9, 3^5, 2^4\})$	699392
12	$\mathcal{O}(0; \{12, 6^6, 4^9, 3^8\})$	5592064
12	$\mathcal{O}(0; \{12, 6^6, 4^{11}, 3^2, 2^5\})$	348160
12	$\mathcal{O}(0; \{12, 6^6, 4^{11}, 3^5, 2\})$	2797568
12	$\mathcal{O}(0; \{12, 6^6, 4^{13}, 3^2, 2^2\})$	1392640
12	$\mathcal{O}(0; \{12, 6^7, 4, 2^{21}\})$	172
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^3, 2^{17}\})$	1364
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^6, 2^{13}\})$	10924
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^9, 2^9\})$	87380
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^{12}, 2^5\})$	699052
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^{15}, 2\})$	5592404
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 2^{18}\})$	688
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^3, 2^{14}\})$	5456
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^6, 2^{10}\})$	43696
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^9, 2^6\})$	349520
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^{12}, 2^2\})$	2796208

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 2^{15}\})$	2752
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3^3, 2^{11}\})$	21824
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3^6, 2^7\})$	174784
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3^9, 2^3\})$	1398080
12	$\mathcal{O}(0; \{12, 6^7, 4^7, 2^{12}\})$	11008
12	$\mathcal{O}(0; \{12, 6^7, 4^7, 3^3, 2^8\})$	87296
12	$\mathcal{O}(0; \{12, 6^7, 4^7, 3^6, 2^4\})$	699136
12	$\mathcal{O}(0; \{12, 6^7, 4^7, 3^9\})$	5592320
12	$\mathcal{O}(0; \{12, 6^7, 4^9, 2^9\})$	44032
12	$\mathcal{O}(0; \{12, 6^7, 4^9, 3^3, 2^5\})$	349184
12	$\mathcal{O}(0; \{12, 6^7, 4^9, 3^6, 2\})$	2796544
12	$\mathcal{O}(0; \{12, 6^7, 4^{11}, 2^6\})$	176128
12	$\mathcal{O}(0; \{12, 6^7, 4^{11}, 3^3, 2^2\})$	1396736
12	$\mathcal{O}(0; \{12, 6^7, 4^{13}, 2^3\})$	704512
12	$\mathcal{O}(0; \{12, 6^7, 4^{15}\})$	2818048
12	$\mathcal{O}(0; \{12, 6^8, 4, 3, 2^{18}\})$	684
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^4, 2^{14}\})$	5460
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^7, 2^{10}\})$	43692
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^{10}, 2^6\})$	349524
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^{13}, 2^2\})$	2796204
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3, 2^{15}\})$	2736
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^4, 2^{11}\})$	21840
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^7, 2^7\})$	174768
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^{10}, 2^3\})$	1398096
12	$\mathcal{O}(0; \{12, 6^8, 4^5, 3, 2^{12}\})$	10944
12	$\mathcal{O}(0; \{12, 6^8, 4^5, 3^4, 2^8\})$	87360
12	$\mathcal{O}(0; \{12, 6^8, 4^5, 3^7, 2^4\})$	699072
12	$\mathcal{O}(0; \{12, 6^8, 4^5, 3^{10}\})$	5592384
12	$\mathcal{O}(0; \{12, 6^8, 4^7, 3, 2^9\})$	43776
12	$\mathcal{O}(0; \{12, 6^8, 4^7, 3^4, 2^5\})$	349440
12	$\mathcal{O}(0; \{12, 6^8, 4^7, 3^7, 2\})$	2796288
12	$\mathcal{O}(0; \{12, 6^8, 4^9, 3, 2^6\})$	175104
12	$\mathcal{O}(0; \{12, 6^8, 4^9, 3^4, 2^2\})$	1397760
12	$\mathcal{O}(0; \{12, 6^8, 4^{11}, 3, 2^3\})$	700416
12	$\mathcal{O}(0; \{12, 6^8, 4^{13}, 3\})$	2801664
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^2, 2^{15}\})$	2732
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^5, 2^{11}\})$	21844
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^8, 2^7\})$	174764
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^{11}, 2^3\})$	1398100
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 3^2, 2^{12}\})$	10928
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 3^5, 2^8\})$	87376
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 3^8, 2^4\})$	699056
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 3^{11}\})$	5592400

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^9, 4^5, 3^2, 2^9\})$	43712
12	$\mathcal{O}(0; \{12, 6^9, 4^5, 3^5, 2^5\})$	349504
12	$\mathcal{O}(0; \{12, 6^9, 4^5, 3^8, 2\})$	2796224
12	$\mathcal{O}(0; \{12, 6^9, 4^7, 3^2, 2^6\})$	174848
12	$\mathcal{O}(0; \{12, 6^9, 4^7, 3^5, 2^2\})$	1398016
12	$\mathcal{O}(0; \{12, 6^9, 4^9, 3^2, 2^3\})$	699392
12	$\mathcal{O}(0; \{12, 6^9, 4^{11}, 3^2\})$	2797568
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 2^{16}\})$	1364
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3^3, 2^{12}\})$	10924
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3^6, 2^8\})$	87380
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3^9, 2^4\})$	699052
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3^{12}\})$	5592404
12	$\mathcal{O}(0; \{12, 6^{10}, 4^3, 2^{13}\})$	5456
12	$\mathcal{O}(0; \{12, 6^{10}, 4^3, 3^3, 2^9\})$	43696
12	$\mathcal{O}(0; \{12, 6^{10}, 4^3, 3^6, 2^5\})$	349520
12	$\mathcal{O}(0; \{12, 6^{10}, 4^3, 3^9, 2\})$	2796208
12	$\mathcal{O}(0; \{12, 6^{10}, 4^5, 2^{10}\})$	21824
12	$\mathcal{O}(0; \{12, 6^{10}, 4^5, 3^3, 2^6\})$	174784
12	$\mathcal{O}(0; \{12, 6^{10}, 4^5, 3^6, 2^2\})$	1398080
12	$\mathcal{O}(0; \{12, 6^{10}, 4^7, 2^7\})$	87296
12	$\mathcal{O}(0; \{12, 6^{10}, 4^7, 3^3, 2^3\})$	699136
12	$\mathcal{O}(0; \{12, 6^{10}, 4^9, 2^4\})$	349184
12	$\mathcal{O}(0; \{12, 6^{10}, 4^9, 3^3\})$	2796544
12	$\mathcal{O}(0; \{12, 6^{10}, 4^{11}, 2\})$	1396736
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 3, 2^{13}\})$	5460
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 3^4, 2^9\})$	43692
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 3^7, 2^5\})$	349524
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 3^{10}, 2\})$	2796204
12	$\mathcal{O}(0; \{12, 6^{11}, 4^3, 3, 2^{10}\})$	21840
12	$\mathcal{O}(0; \{12, 6^{11}, 4^3, 3^4, 2^6\})$	174768
12	$\mathcal{O}(0; \{12, 6^{11}, 4^3, 3^7, 2^2\})$	1398096
12	$\mathcal{O}(0; \{12, 6^{11}, 4^5, 3, 2^7\})$	87360
12	$\mathcal{O}(0; \{12, 6^{11}, 4^5, 3^4, 2^3\})$	699072
12	$\mathcal{O}(0; \{12, 6^{11}, 4^7, 3, 2^4\})$	349440
12	$\mathcal{O}(0; \{12, 6^{11}, 4^7, 3^4\})$	2796288
12	$\mathcal{O}(0; \{12, 6^{11}, 4^9, 3, 2\})$	1397760
12	$\mathcal{O}(0; \{12, 6^{12}, 4, 3^2, 2^{10}\})$	21844
12	$\mathcal{O}(0; \{12, 6^{12}, 4, 3^5, 2^6\})$	174764
12	$\mathcal{O}(0; \{12, 6^{12}, 4, 3^8, 2^2\})$	1398100
12	$\mathcal{O}(0; \{12, 6^{12}, 4^3, 3^2, 2^7\})$	87376
12	$\mathcal{O}(0; \{12, 6^{12}, 4^3, 3^5, 2^3\})$	699056
12	$\mathcal{O}(0; \{12, 6^{12}, 4^5, 3^2, 2^4\})$	349504
12	$\mathcal{O}(0; \{12, 6^{12}, 4^5, 3^5\})$	2796224

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^{12}, 4^7, 3^2, 2\})$	1398016
12	$\mathcal{O}(0; \{12, 6^{13}, 4, 2^{11}\})$	10924
12	$\mathcal{O}(0; \{12, 6^{13}, 4, 3^3, 2^7\})$	87380
12	$\mathcal{O}(0; \{12, 6^{13}, 4, 3^6, 2^3\})$	699052
12	$\mathcal{O}(0; \{12, 6^{13}, 4^3, 2^8\})$	43696
12	$\mathcal{O}(0; \{12, 6^{13}, 4^3, 3^3, 2^4\})$	349520
12	$\mathcal{O}(0; \{12, 6^{13}, 4^3, 3^6\})$	2796208
12	$\mathcal{O}(0; \{12, 6^{13}, 4^5, 2^5\})$	174784
12	$\mathcal{O}(0; \{12, 6^{13}, 4^5, 3^3, 2\})$	1398080
12	$\mathcal{O}(0; \{12, 6^{13}, 4^7, 2^2\})$	699136
12	$\mathcal{O}(0; \{12, 6^{14}, 4, 3, 2^8\})$	43692
12	$\mathcal{O}(0; \{12, 6^{14}, 4, 3^4, 2^4\})$	349524
12	$\mathcal{O}(0; \{12, 6^{14}, 4, 3^7\})$	2796204
12	$\mathcal{O}(0; \{12, 6^{14}, 4^3, 3, 2^5\})$	174768
12	$\mathcal{O}(0; \{12, 6^{14}, 4^3, 3^4, 2\})$	1398096
12	$\mathcal{O}(0; \{12, 6^{14}, 4^5, 3, 2^2\})$	699072
12	$\mathcal{O}(0; \{12, 6^{15}, 4, 3^2, 2^5\})$	174764
12	$\mathcal{O}(0; \{12, 6^{15}, 4, 3^5, 2\})$	1398100
12	$\mathcal{O}(0; \{12, 6^{15}, 4^3, 3^2, 2^2\})$	699056
12	$\mathcal{O}(0; \{12, 6^{16}, 4, 2^6\})$	87380
12	$\mathcal{O}(0; \{12, 6^{16}, 4, 3^3, 2^2\})$	699052
12	$\mathcal{O}(0; \{12, 6^{16}, 4^3, 2^3\})$	349520
12	$\mathcal{O}(0; \{12, 6^{16}, 4^5\})$	1398080
12	$\mathcal{O}(0; \{12, 6^{17}, 4, 3, 2^3\})$	349524
12	$\mathcal{O}(0; \{12, 6^{17}, 4^3, 3\})$	1398096
12	$\mathcal{O}(0; \{12, 6^{18}, 4, 3^2\})$	1398100
12	$\mathcal{O}(0; \{12, 6^{19}, 4, 2\})$	699052
12	$\mathcal{O}(0; \{12^2, 3, 2^{31}\})$	4
12	$\mathcal{O}(0; \{12^2, 3^4, 2^{27}\})$	44
12	$\mathcal{O}(0; \{12^2, 3^7, 2^{23}\})$	340
12	$\mathcal{O}(0; \{12^2, 3^{10}, 2^{19}\})$	2732
12	$\mathcal{O}(0; \{12^2, 3^{13}, 2^{15}\})$	21844
12	$\mathcal{O}(0; \{12^2, 3^{16}, 2^{11}\})$	174764
12	$\mathcal{O}(0; \{12^2, 3^{19}, 2^7\})$	1398100
12	$\mathcal{O}(0; \{12^2, 3^{22}, 2^3\})$	11184812
12	$\mathcal{O}(0; \{12^2, 4^2, 3, 2^{28}\})$	16
12	$\mathcal{O}(0; \{12^2, 4^2, 3^4, 2^{24}\})$	176
12	$\mathcal{O}(0; \{12^2, 4^2, 3^7, 2^{20}\})$	1360
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{10}, 2^{16}\})$	10928
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{13}, 2^{12}\})$	87376
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{16}, 2^8\})$	699056
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{19}, 2^4\})$	5592400
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{22}\})$	44739248

Continued on next page

Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 4^4, 3, 2^{25}\})$	64
12	$\mathcal{O}(0; \{12^2, 4^4, 3^4, 2^{21}\})$	704
12	$\mathcal{O}(0; \{12^2, 4^4, 3^7, 2^{17}\})$	5440
12	$\mathcal{O}(0; \{12^2, 4^4, 3^{10}, 2^{13}\})$	43712
12	$\mathcal{O}(0; \{12^2, 4^4, 3^{13}, 2^9\})$	349504
12	$\mathcal{O}(0; \{12^2, 4^4, 3^{16}, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^2, 4^4, 3^{19}, 2\})$	22369600
12	$\mathcal{O}(0; \{12^2, 4^6, 3, 2^{22}\})$	256
12	$\mathcal{O}(0; \{12^2, 4^6, 3^4, 2^{18}\})$	2816
12	$\mathcal{O}(0; \{12^2, 4^6, 3^7, 2^{14}\})$	21760
12	$\mathcal{O}(0; \{12^2, 4^6, 3^{10}, 2^{10}\})$	174848
12	$\mathcal{O}(0; \{12^2, 4^6, 3^{13}, 2^6\})$	1398016
12	$\mathcal{O}(0; \{12^2, 4^6, 3^{16}, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^2, 4^8, 3, 2^{19}\})$	1024
12	$\mathcal{O}(0; \{12^2, 4^8, 3^4, 2^{15}\})$	11264
12	$\mathcal{O}(0; \{12^2, 4^8, 3^7, 2^{11}\})$	87040
12	$\mathcal{O}(0; \{12^2, 4^8, 3^{10}, 2^7\})$	699392
12	$\mathcal{O}(0; \{12^2, 4^8, 3^{13}, 2^3\})$	5592064
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3, 2^{16}\})$	4096
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^4, 2^{12}\})$	45056
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^7, 2^8\})$	348160
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^{10}, 2^4\})$	2797568
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^{13}\})$	22368256
12	$\mathcal{O}(0; \{12^2, 4^{12}, 3, 2^{13}\})$	16384
12	$\mathcal{O}(0; \{12^2, 4^{12}, 3^4, 2^9\})$	180224
12	$\mathcal{O}(0; \{12^2, 4^{12}, 3^7, 2^5\})$	1392640
12	$\mathcal{O}(0; \{12^2, 4^{12}, 3^{10}, 2\})$	11190272
12	$\mathcal{O}(0; \{12^2, 4^{14}, 3, 2^{10}\})$	65536
12	$\mathcal{O}(0; \{12^2, 4^{14}, 3^4, 2^6\})$	720896
12	$\mathcal{O}(0; \{12^2, 4^{14}, 3^7, 2^2\})$	5570560
12	$\mathcal{O}(0; \{12^2, 4^{16}, 3, 2^7\})$	262144
12	$\mathcal{O}(0; \{12^2, 4^{16}, 3^4, 2^3\})$	2883584
12	$\mathcal{O}(0; \{12^2, 4^{18}, 3, 2^4\})$	1048576
12	$\mathcal{O}(0; \{12^2, 4^{18}, 3^4\})$	11534336
12	$\mathcal{O}(0; \{12^2, 4^{20}, 3, 2\})$	4194304
12	$\mathcal{O}(0; \{12^2, 6, 3^2, 2^{28}\})$	20
12	$\mathcal{O}(0; \{12^2, 6, 3^5, 2^{24}\})$	172
12	$\mathcal{O}(0; \{12^2, 6, 3^8, 2^{20}\})$	1364
12	$\mathcal{O}(0; \{12^2, 6, 3^{11}, 2^{16}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6, 3^{14}, 2^{12}\})$	87380
12	$\mathcal{O}(0; \{12^2, 6, 3^{17}, 2^8\})$	699052
12	$\mathcal{O}(0; \{12^2, 6, 3^{20}, 2^4\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6, 3^{23}\})$	44739244

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^2, 2^{25}\})$	80
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^5, 2^{21}\})$	688
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^8, 2^{17}\})$	5456
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{11}, 2^{13}\})$	43696
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{14}, 2^9\})$	349520
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{17}, 2^5\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{20}, 2\})$	22369616
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^2, 2^{22}\})$	320
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^5, 2^{18}\})$	2752
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^8, 2^{14}\})$	21824
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^{11}, 2^{10}\})$	174784
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^{14}, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^{17}, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^2, 2^{19}\})$	1280
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^5, 2^{15}\})$	11008
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^8, 2^{11}\})$	87296
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^{11}, 2^7\})$	699136
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^{14}, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^2, 2^{16}\})$	5120
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^5, 2^{12}\})$	44032
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^8, 2^8\})$	349184
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^{11}, 2^4\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^{14}\})$	22369280
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3^2, 2^{13}\})$	20480
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3^5, 2^9\})$	176128
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3^8, 2^5\})$	1396736
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3^{11}, 2\})$	11186176
12	$\mathcal{O}(0; \{12^2, 6, 4^{12}, 3^2, 2^{10}\})$	81920
12	$\mathcal{O}(0; \{12^2, 6, 4^{12}, 3^5, 2^6\})$	704512
12	$\mathcal{O}(0; \{12^2, 6, 4^{12}, 3^8, 2^2\})$	5586944
12	$\mathcal{O}(0; \{12^2, 6, 4^{14}, 3^2, 2^7\})$	327680
12	$\mathcal{O}(0; \{12^2, 6, 4^{14}, 3^5, 2^3\})$	2818048
12	$\mathcal{O}(0; \{12^2, 6, 4^{16}, 3^2, 2^4\})$	1310720
12	$\mathcal{O}(0; \{12^2, 6, 4^{16}, 3^5\})$	11272192
12	$\mathcal{O}(0; \{12^2, 6, 4^{18}, 3^2, 2\})$	5242880
12	$\mathcal{O}(0; \{12^2, 6^2, 2^{29}\})$	12
12	$\mathcal{O}(0; \{12^2, 6^2, 3^3, 2^{25}\})$	84
12	$\mathcal{O}(0; \{12^2, 6^2, 3^6, 2^{21}\})$	684
12	$\mathcal{O}(0; \{12^2, 6^2, 3^9, 2^{17}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{12}, 2^{13}\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{15}, 2^9\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{18}, 2^5\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{21}, 2\})$	22369620

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 2^{26}\})$	48
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^3, 2^{22}\})$	336
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^6, 2^{18}\})$	2736
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^9, 2^{14}\})$	21840
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^{12}, 2^{10}\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^{15}, 2^6\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^{18}, 2^2\})$	11184816
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 2^{23}\})$	192
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^3, 2^{19}\})$	1344
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^6, 2^{15}\})$	10944
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^9, 2^{11}\})$	87360
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^{12}, 2^7\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^{15}, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 2^{20}\})$	768
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^3, 2^{16}\})$	5376
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^6, 2^{12}\})$	43776
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^9, 2^8\})$	349440
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^{12}, 2^4\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^{15}\})$	22369536
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 2^{17}\})$	3072
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^3, 2^{13}\})$	21504
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^6, 2^9\})$	175104
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^9, 2^5\})$	1397760
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^{12}, 2\})$	11185152
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 2^{14}\})$	12288
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 3^3, 2^{10}\})$	86016
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 3^6, 2^6\})$	700416
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 3^9, 2^2\})$	5591040
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{12}, 2^{11}\})$	49152
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{12}, 3^3, 2^7\})$	344064
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{12}, 3^6, 2^3\})$	2801664
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{14}, 2^8\})$	196608
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{14}, 3^3, 2^4\})$	1376256
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{14}, 3^6\})$	11206656
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{16}, 2^5\})$	786432
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{16}, 3^3, 2\})$	5505024
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{18}, 2^2\})$	3145728
12	$\mathcal{O}(0; \{12^2, 6^3, 3, 2^{26}\})$	44
12	$\mathcal{O}(0; \{12^2, 6^3, 3^4, 2^{22}\})$	340
12	$\mathcal{O}(0; \{12^2, 6^3, 3^7, 2^{18}\})$	2732
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{10}, 2^{14}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{13}, 2^{10}\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{16}, 2^6\})$	1398100

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{19}, 2^2\})$	11184812
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3, 2^{23}\})$	176
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^4, 2^{19}\})$	1360
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^7, 2^{15}\})$	10928
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^{10}, 2^{11}\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^{13}, 2^7\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^{16}, 2^3\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3, 2^{20}\})$	704
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^4, 2^{16}\})$	5440
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^7, 2^{12}\})$	43712
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^{10}, 2^8\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^{13}, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^{16}\})$	22369600
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3, 2^{17}\})$	2816
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^4, 2^{13}\})$	21760
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^7, 2^9\})$	174848
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^{10}, 2^5\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^{13}, 2\})$	11184896
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3, 2^{14}\})$	11264
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3^4, 2^{10}\})$	87040
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3^7, 2^6\})$	699392
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3^{10}, 2^2\})$	5592064
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{10}, 3, 2^{11}\})$	45056
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{10}, 3^4, 2^7\})$	348160
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{10}, 3^7, 2^3\})$	2797568
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{12}, 3, 2^8\})$	180224
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{12}, 3^4, 2^4\})$	1392640
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{12}, 3^7\})$	11190272
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{14}, 3, 2^5\})$	720896
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{14}, 3^4, 2\})$	5570560
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{16}, 3, 2^2\})$	2883584
12	$\mathcal{O}(0; \{12^2, 6^4, 3^2, 2^{23}\})$	172
12	$\mathcal{O}(0; \{12^2, 6^4, 3^5, 2^{19}\})$	1364
12	$\mathcal{O}(0; \{12^2, 6^4, 3^8, 2^{15}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6^4, 3^{11}, 2^{11}\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^4, 3^{14}, 2^7\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^4, 3^{17}, 2^3\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^2, 2^{20}\})$	688
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^5, 2^{16}\})$	5456
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^8, 2^{12}\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^{11}, 2^8\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^{14}, 2^4\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^{17}\})$	22369616

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^2, 2^{17}\})$	2752
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^5, 2^{13}\})$	21824
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^8, 2^9\})$	174784
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^{11}, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^{14}, 2\})$	11184832
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^2, 2^{14}\})$	11008
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^5, 2^{10}\})$	87296
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^8, 2^6\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^{11}, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 3^2, 2^{11}\})$	44032
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 3^5, 2^7\})$	349184
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 3^8, 2^3\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{10}, 3^2, 2^8\})$	176128
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{10}, 3^5, 2^4\})$	1396736
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{10}, 3^8\})$	11186176
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{12}, 3^2, 2^5\})$	704512
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{12}, 3^5, 2\})$	5586944
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{14}, 3^2, 2^2\})$	2818048
12	$\mathcal{O}(0; \{12^2, 6^5, 2^{24}\})$	84
12	$\mathcal{O}(0; \{12^2, 6^5, 3^3, 2^{20}\})$	684
12	$\mathcal{O}(0; \{12^2, 6^5, 3^6, 2^{16}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6^5, 3^9, 2^{12}\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^5, 3^{12}, 2^8\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^5, 3^{15}, 2^4\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^5, 3^{18}\})$	22369620
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 2^{21}\})$	336
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^3, 2^{17}\})$	2736
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^6, 2^{13}\})$	21840
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^9, 2^9\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^{12}, 2^5\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^{15}, 2\})$	11184816
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 2^{18}\})$	1344
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^3, 2^{14}\})$	10944
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^6, 2^{10}\})$	87360
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^9, 2^6\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^{12}, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 2^{15}\})$	5376
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3^3, 2^{11}\})$	43776
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3^6, 2^7\})$	349440
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3^9, 2^3\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^5, 4^8, 2^{12}\})$	21504
12	$\mathcal{O}(0; \{12^2, 6^5, 4^8, 3^3, 2^8\})$	175104
12	$\mathcal{O}(0; \{12^2, 6^5, 4^8, 3^6, 2^4\})$	1397760

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^5, 4^8, 3^9\})$	11185152
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{10}, 2^9\})$	86016
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{10}, 3^3, 2^5\})$	700416
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{10}, 3^6, 2\})$	5591040
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{12}, 2^6\})$	344064
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{12}, 3^3, 2^2\})$	2801664
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{14}, 2^3\})$	1376256
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{16}\})$	5505024
12	$\mathcal{O}(0; \{12^2, 6^6, 3, 2^{21}\})$	340
12	$\mathcal{O}(0; \{12^2, 6^6, 3^4, 2^{17}\})$	2732
12	$\mathcal{O}(0; \{12^2, 6^6, 3^7, 2^{13}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^6, 3^{10}, 2^9\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^6, 3^{13}, 2^5\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^6, 3^{16}, 2\})$	11184812
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3, 2^{18}\})$	1360
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^4, 2^{14}\})$	10928
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^7, 2^{10}\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^{10}, 2^6\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^{13}, 2^2\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3, 2^{15}\})$	5440
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^4, 2^{11}\})$	43712
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^7, 2^7\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^{10}, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^6, 4^6, 3, 2^{12}\})$	21760
12	$\mathcal{O}(0; \{12^2, 6^6, 4^6, 3^4, 2^8\})$	174848
12	$\mathcal{O}(0; \{12^2, 6^6, 4^6, 3^7, 2^4\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^6, 4^6, 3^{10}\})$	11184896
12	$\mathcal{O}(0; \{12^2, 6^6, 4^8, 3, 2^9\})$	87040
12	$\mathcal{O}(0; \{12^2, 6^6, 4^8, 3^4, 2^5\})$	699392
12	$\mathcal{O}(0; \{12^2, 6^6, 4^8, 3^7, 2\})$	5592064
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{10}, 3, 2^6\})$	348160
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{10}, 3^4, 2^2\})$	2797568
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{12}, 3, 2^3\})$	1392640
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{14}, 3\})$	5570560
12	$\mathcal{O}(0; \{12^2, 6^7, 3^2, 2^{18}\})$	1364
12	$\mathcal{O}(0; \{12^2, 6^7, 3^5, 2^{14}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6^7, 3^8, 2^{10}\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^7, 3^{11}, 2^6\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^7, 3^{14}, 2^2\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^2, 2^{15}\})$	5456
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^5, 2^{11}\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^8, 2^7\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^{11}, 2^3\})$	2796208

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 3^2, 2^{12}\})$	21824
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 3^5, 2^8\})$	174784
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 3^8, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 3^{11}\})$	11184832
12	$\mathcal{O}(0; \{12^2, 6^7, 4^6, 3^2, 2^9\})$	87296
12	$\mathcal{O}(0; \{12^2, 6^7, 4^6, 3^5, 2^5\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^7, 4^6, 3^8, 2\})$	5592320
12	$\mathcal{O}(0; \{12^2, 6^7, 4^8, 3^2, 2^6\})$	349184
12	$\mathcal{O}(0; \{12^2, 6^7, 4^8, 3^5, 2^2\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6^7, 4^{10}, 3^2, 2^3\})$	1396736
12	$\mathcal{O}(0; \{12^2, 6^7, 4^{12}, 3^2\})$	5586944
12	$\mathcal{O}(0; \{12^2, 6^8, 2^{19}\})$	684
12	$\mathcal{O}(0; \{12^2, 6^8, 3^3, 2^{15}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6^8, 3^6, 2^{11}\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^8, 3^9, 2^7\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^8, 3^{12}, 2^3\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 2^{16}\})$	2736
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3^3, 2^{12}\})$	21840
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3^6, 2^8\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3^9, 2^4\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3^{12}\})$	11184816
12	$\mathcal{O}(0; \{12^2, 6^8, 4^4, 2^{13}\})$	10944
12	$\mathcal{O}(0; \{12^2, 6^8, 4^4, 3^3, 2^9\})$	87360
12	$\mathcal{O}(0; \{12^2, 6^8, 4^4, 3^6, 2^5\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^8, 4^4, 3^9, 2\})$	5592384
12	$\mathcal{O}(0; \{12^2, 6^8, 4^6, 2^{10}\})$	43776
12	$\mathcal{O}(0; \{12^2, 6^8, 4^6, 3^3, 2^6\})$	349440
12	$\mathcal{O}(0; \{12^2, 6^8, 4^6, 3^6, 2^2\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^8, 4^8, 2^7\})$	175104
12	$\mathcal{O}(0; \{12^2, 6^8, 4^8, 3^3, 2^3\})$	1397760
12	$\mathcal{O}(0; \{12^2, 6^8, 4^{10}, 2^4\})$	700416
12	$\mathcal{O}(0; \{12^2, 6^8, 4^{10}, 3^3\})$	5591040
12	$\mathcal{O}(0; \{12^2, 6^8, 4^{12}, 2\})$	2801664
12	$\mathcal{O}(0; \{12^2, 6^9, 3, 2^{16}\})$	2732
12	$\mathcal{O}(0; \{12^2, 6^9, 3^4, 2^{12}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^9, 3^7, 2^8\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^9, 3^{10}, 2^4\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^9, 3^{13}\})$	11184812
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 3, 2^{13}\})$	10928
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 3^4, 2^9\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 3^7, 2^5\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 3^{10}, 2\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6^9, 4^4, 3, 2^{10}\})$	43712

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^9, 4^4, 3^4, 2^6\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^9, 4^4, 3^7, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^9, 4^6, 3, 2^7\})$	174848
12	$\mathcal{O}(0; \{12^2, 6^9, 4^6, 3^4, 2^3\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^9, 4^8, 3, 2^4\})$	699392
12	$\mathcal{O}(0; \{12^2, 6^9, 4^8, 3^4\})$	5592064
12	$\mathcal{O}(0; \{12^2, 6^9, 4^{10}, 3, 2\})$	2797568
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3^2, 2^{13}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3^5, 2^9\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3^8, 2^5\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3^{11}, 2\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^2, 3^2, 2^{10}\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^2, 3^5, 2^6\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^2, 3^8, 2^2\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^4, 3^2, 2^7\})$	174784
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^4, 3^5, 2^3\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^6, 3^2, 2^4\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^6, 3^5\})$	5592320
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^8, 3^2, 2\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6^{11}, 2^{14}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6^{11}, 3^3, 2^{10}\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^{11}, 3^6, 2^6\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^{11}, 3^9, 2^2\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^2, 2^{11}\})$	21840
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^2, 3^3, 2^7\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^2, 3^6, 2^3\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^4, 2^8\})$	87360
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^4, 3^3, 2^4\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^4, 3^6\})$	5592384
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^6, 2^5\})$	349440
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^6, 3^3, 2\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^8, 2^2\})$	1397760
12	$\mathcal{O}(0; \{12^2, 6^{12}, 3, 2^{11}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^{12}, 3^4, 2^7\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^{12}, 3^7, 2^3\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^2, 3, 2^8\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^2, 3^4, 2^4\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^2, 3^7\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^4, 3, 2^5\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^4, 3^4, 2\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^6, 3, 2^2\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^{13}, 3^2, 2^8\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^{13}, 3^5, 2^4\})$	699052

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^{13}, 3^8\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^2, 3^2, 2^5\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^2, 3^5, 2\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^4, 3^2, 2^2\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^{14}, 2^9\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^{14}, 3^3, 2^5\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^{14}, 3^6, 2\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^{14}, 4^2, 2^6\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^{14}, 4^2, 3^3, 2^2\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^{14}, 4^4, 2^3\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^{14}, 4^6\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^{15}, 3, 2^6\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^{15}, 3^4, 2^2\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^{15}, 4^2, 3, 2^3\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^{15}, 4^4, 3\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^{16}, 3^2, 2^3\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^{16}, 4^2, 3^2\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^{17}, 2^4\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^{17}, 3^3\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^{17}, 4^2, 2\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^{18}, 3, 2\})$	1398100
12	$\mathcal{O}(0; \{12^3, 4, 2^{29}\})$	16
12	$\mathcal{O}(0; \{12^3, 4, 3^3, 2^{25}\})$	176
12	$\mathcal{O}(0; \{12^3, 4, 3^6, 2^{21}\})$	1360
12	$\mathcal{O}(0; \{12^3, 4, 3^9, 2^{17}\})$	10928
12	$\mathcal{O}(0; \{12^3, 4, 3^{12}, 2^{13}\})$	87376
12	$\mathcal{O}(0; \{12^3, 4, 3^{15}, 2^9\})$	699056
12	$\mathcal{O}(0; \{12^3, 4, 3^{18}, 2^5\})$	5592400
12	$\mathcal{O}(0; \{12^3, 4, 3^{21}, 2\})$	44739248
12	$\mathcal{O}(0; \{12^3, 4^3, 2^{26}\})$	64
12	$\mathcal{O}(0; \{12^3, 4^3, 3^3, 2^{22}\})$	704
12	$\mathcal{O}(0; \{12^3, 4^3, 3^6, 2^{18}\})$	5440
12	$\mathcal{O}(0; \{12^3, 4^3, 3^9, 2^{14}\})$	43712
12	$\mathcal{O}(0; \{12^3, 4^3, 3^{12}, 2^{10}\})$	349504
12	$\mathcal{O}(0; \{12^3, 4^3, 3^{15}, 2^6\})$	2796224
12	$\mathcal{O}(0; \{12^3, 4^3, 3^{18}, 2^2\})$	22369600
12	$\mathcal{O}(0; \{12^3, 4^5, 2^{23}\})$	256
12	$\mathcal{O}(0; \{12^3, 4^5, 3^3, 2^{19}\})$	2816
12	$\mathcal{O}(0; \{12^3, 4^5, 3^6, 2^{15}\})$	21760
12	$\mathcal{O}(0; \{12^3, 4^5, 3^9, 2^{11}\})$	174848
12	$\mathcal{O}(0; \{12^3, 4^5, 3^{12}, 2^7\})$	1398016
12	$\mathcal{O}(0; \{12^3, 4^5, 3^{15}, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^3, 4^7, 2^{20}\})$	1024

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 4^7, 3^3, 2^{16}\})$	11264
12	$\mathcal{O}(0; \{12^3, 4^7, 3^6, 2^{12}\})$	87040
12	$\mathcal{O}(0; \{12^3, 4^7, 3^9, 2^8\})$	699392
12	$\mathcal{O}(0; \{12^3, 4^7, 3^{12}, 2^4\})$	5592064
12	$\mathcal{O}(0; \{12^3, 4^7, 3^{15}\})$	44739584
12	$\mathcal{O}(0; \{12^3, 4^9, 2^{17}\})$	4096
12	$\mathcal{O}(0; \{12^3, 4^9, 3^3, 2^{13}\})$	45056
12	$\mathcal{O}(0; \{12^3, 4^9, 3^6, 2^9\})$	348160
12	$\mathcal{O}(0; \{12^3, 4^9, 3^9, 2^5\})$	2797568
12	$\mathcal{O}(0; \{12^3, 4^9, 3^{12}, 2\})$	22368256
12	$\mathcal{O}(0; \{12^3, 4^{11}, 2^{14}\})$	16384
12	$\mathcal{O}(0; \{12^3, 4^{11}, 3^3, 2^{10}\})$	180224
12	$\mathcal{O}(0; \{12^3, 4^{11}, 3^6, 2^6\})$	1392640
12	$\mathcal{O}(0; \{12^3, 4^{11}, 3^9, 2^2\})$	11190272
12	$\mathcal{O}(0; \{12^3, 4^{13}, 2^{11}\})$	65536
12	$\mathcal{O}(0; \{12^3, 4^{13}, 3^3, 2^7\})$	720896
12	$\mathcal{O}(0; \{12^3, 4^{13}, 3^6, 2^3\})$	5570560
12	$\mathcal{O}(0; \{12^3, 4^{15}, 2^8\})$	262144
12	$\mathcal{O}(0; \{12^3, 4^{15}, 3^3, 2^4\})$	2883584
12	$\mathcal{O}(0; \{12^3, 4^{15}, 3^6\})$	22282240
12	$\mathcal{O}(0; \{12^3, 4^{17}, 2^5\})$	1048576
12	$\mathcal{O}(0; \{12^3, 4^{17}, 3^3, 2\})$	11534336
12	$\mathcal{O}(0; \{12^3, 4^{19}, 2^2\})$	4194304
12	$\mathcal{O}(0; \{12^3, 6, 4, 3, 2^{26}\})$	80
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^4, 2^{22}\})$	688
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^7, 2^{18}\})$	5456
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{10}, 2^{14}\})$	43696
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{13}, 2^{10}\})$	349520
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{16}, 2^6\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{19}, 2^2\})$	22369616
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3, 2^{23}\})$	320
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^4, 2^{19}\})$	2752
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^7, 2^{15}\})$	21824
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^{10}, 2^{11}\})$	174784
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^{13}, 2^7\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^{16}, 2^3\})$	11184832
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3, 2^{20}\})$	1280
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^4, 2^{16}\})$	11008
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^7, 2^{12}\})$	87296
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^{10}, 2^8\})$	699136
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^{13}, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^{16}\})$	44739328
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3, 2^{17}\})$	5120

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^4, 2^{13}\})$	44032
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^7, 2^9\})$	349184
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^{10}, 2^5\})$	2796544
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^{13}, 2\})$	22369280
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3, 2^{14}\})$	20480
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3^4, 2^{10}\})$	176128
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3^7, 2^6\})$	1396736
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3^{10}, 2^2\})$	11186176
12	$\mathcal{O}(0; \{12^3, 6, 4^{11}, 3, 2^{11}\})$	81920
12	$\mathcal{O}(0; \{12^3, 6, 4^{11}, 3^4, 2^7\})$	704512
12	$\mathcal{O}(0; \{12^3, 6, 4^{11}, 3^7, 2^3\})$	5586944
12	$\mathcal{O}(0; \{12^3, 6, 4^{13}, 3, 2^8\})$	327680
12	$\mathcal{O}(0; \{12^3, 6, 4^{13}, 3^4, 2^4\})$	2818048
12	$\mathcal{O}(0; \{12^3, 6, 4^{13}, 3^7\})$	22347776
12	$\mathcal{O}(0; \{12^3, 6, 4^{15}, 3, 2^5\})$	1310720
12	$\mathcal{O}(0; \{12^3, 6, 4^{15}, 3^4, 2\})$	11272192
12	$\mathcal{O}(0; \{12^3, 6, 4^{17}, 3, 2^2\})$	5242880
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^2, 2^{23}\})$	336
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^5, 2^{19}\})$	2736
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^8, 2^{15}\})$	21840
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^{11}, 2^{11}\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^{14}, 2^7\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^{17}, 2^3\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^2, 2^{20}\})$	1344
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^5, 2^{16}\})$	10944
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^8, 2^{12}\})$	87360
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^{11}, 2^8\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^{14}, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^{17}\})$	44739264
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^2, 2^{17}\})$	5376
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^5, 2^{13}\})$	43776
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^8, 2^9\})$	349440
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^{11}, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^{14}, 2\})$	22369536
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^2, 2^{14}\})$	21504
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^5, 2^{10}\})$	175104
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^8, 2^6\})$	1397760
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^{11}, 2^2\})$	11185152
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 3^2, 2^{11}\})$	86016
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 3^5, 2^7\})$	700416
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 3^8, 2^3\})$	5591040
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{11}, 3^2, 2^8\})$	344064
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{11}, 3^5, 2^4\})$	2801664

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{11}, 3^8\})$	22364160
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{13}, 3^2, 2^5\})$	1376256
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{13}, 3^5, 2\})$	11206656
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{15}, 3^2, 2^2\})$	5505024
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 2^{24}\})$	176
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^3, 2^{20}\})$	1360
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^6, 2^{16}\})$	10928
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^9, 2^{12}\})$	87376
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^{12}, 2^8\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^{15}, 2^4\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^{18}\})$	44739248
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 2^{21}\})$	704
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^3, 2^{17}\})$	5440
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^6, 2^{13}\})$	43712
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^9, 2^9\})$	349504
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^{12}, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^{15}, 2\})$	22369600
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 2^{18}\})$	2816
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^3, 2^{14}\})$	21760
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^6, 2^{10}\})$	174848
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^9, 2^6\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^{12}, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 2^{15}\})$	11264
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3^3, 2^{11}\})$	87040
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3^6, 2^7\})$	699392
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3^9, 2^3\})$	5592064
12	$\mathcal{O}(0; \{12^3, 6^3, 4^9, 2^{12}\})$	45056
12	$\mathcal{O}(0; \{12^3, 6^3, 4^9, 3^3, 2^8\})$	348160
12	$\mathcal{O}(0; \{12^3, 6^3, 4^9, 3^6, 2^4\})$	2797568
12	$\mathcal{O}(0; \{12^3, 6^3, 4^9, 3^9\})$	22368256
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{11}, 2^9\})$	180224
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{11}, 3^3, 2^5\})$	1392640
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{11}, 3^6, 2\})$	11190272
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{13}, 2^6\})$	720896
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{13}, 3^3, 2^2\})$	5570560
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{15}, 2^3\})$	2883584
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{17}\})$	11534336
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3, 2^{21}\})$	688
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^4, 2^{17}\})$	5456
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^7, 2^{13}\})$	43696
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^{10}, 2^9\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^{13}, 2^5\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^{16}, 2\})$	22369616

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3, 2^{18}\})$	2752
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^4, 2^{14}\})$	21824
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^7, 2^{10}\})$	174784
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^{10}, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^{13}, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3, 2^{15}\})$	11008
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^4, 2^{11}\})$	87296
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^7, 2^7\})$	699136
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^{10}, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^4, 4^7, 3, 2^{12}\})$	44032
12	$\mathcal{O}(0; \{12^3, 6^4, 4^7, 3^4, 2^8\})$	349184
12	$\mathcal{O}(0; \{12^3, 6^4, 4^7, 3^7, 2^4\})$	2796544
12	$\mathcal{O}(0; \{12^3, 6^4, 4^7, 3^{10}\})$	22369280
12	$\mathcal{O}(0; \{12^3, 6^4, 4^9, 3, 2^9\})$	176128
12	$\mathcal{O}(0; \{12^3, 6^4, 4^9, 3^4, 2^5\})$	1396736
12	$\mathcal{O}(0; \{12^3, 6^4, 4^9, 3^7, 2\})$	11186176
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{11}, 3, 2^6\})$	704512
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{11}, 3^4, 2^2\})$	5586944
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{13}, 3, 2^3\})$	2818048
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{15}, 3\})$	11272192
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^2, 2^{18}\})$	2736
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^5, 2^{14}\})$	21840
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^8, 2^{10}\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^{11}, 2^6\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^{14}, 2^2\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^2, 2^{15}\})$	10944
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^5, 2^{11}\})$	87360
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^8, 2^7\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^{11}, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 3^2, 2^{12}\})$	43776
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 3^5, 2^8\})$	349440
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 3^8, 2^4\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 3^{11}\})$	22369536
12	$\mathcal{O}(0; \{12^3, 6^5, 4^7, 3^2, 2^9\})$	175104
12	$\mathcal{O}(0; \{12^3, 6^5, 4^7, 3^5, 2^5\})$	1397760
12	$\mathcal{O}(0; \{12^3, 6^5, 4^7, 3^8, 2\})$	11185152
12	$\mathcal{O}(0; \{12^3, 6^5, 4^9, 3^2, 2^6\})$	700416
12	$\mathcal{O}(0; \{12^3, 6^5, 4^9, 3^5, 2^2\})$	5591040
12	$\mathcal{O}(0; \{12^3, 6^5, 4^{11}, 3^2, 2^3\})$	2801664
12	$\mathcal{O}(0; \{12^3, 6^5, 4^{13}, 3^2\})$	11206656
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 2^{19}\})$	1360
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^3, 2^{15}\})$	10928
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^6, 2^{11}\})$	87376

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^9, 2^7\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^{12}, 2^3\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 2^{16}\})$	5440
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3^3, 2^{12}\})$	43712
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3^6, 2^8\})$	349504
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3^9, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3^{12}\})$	22369600
12	$\mathcal{O}(0; \{12^3, 6^6, 4^5, 2^{13}\})$	21760
12	$\mathcal{O}(0; \{12^3, 6^6, 4^5, 3^3, 2^9\})$	174848
12	$\mathcal{O}(0; \{12^3, 6^6, 4^5, 3^6, 2^5\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^6, 4^5, 3^9, 2\})$	11184896
12	$\mathcal{O}(0; \{12^3, 6^6, 4^7, 2^{10}\})$	87040
12	$\mathcal{O}(0; \{12^3, 6^6, 4^7, 3^3, 2^6\})$	699392
12	$\mathcal{O}(0; \{12^3, 6^6, 4^7, 3^6, 2^2\})$	5592064
12	$\mathcal{O}(0; \{12^3, 6^6, 4^9, 2^7\})$	348160
12	$\mathcal{O}(0; \{12^3, 6^6, 4^9, 3^3, 2^3\})$	2797568
12	$\mathcal{O}(0; \{12^3, 6^6, 4^{11}, 2^4\})$	1392640
12	$\mathcal{O}(0; \{12^3, 6^6, 4^{11}, 3^3\})$	11190272
12	$\mathcal{O}(0; \{12^3, 6^6, 4^{13}, 2\})$	5570560
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3, 2^{16}\})$	5456
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^4, 2^{12}\})$	43696
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^7, 2^8\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^{10}, 2^4\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^{13}\})$	22369616
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 3, 2^{13}\})$	21824
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 3^4, 2^9\})$	174784
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 3^7, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 3^{10}, 2\})$	11184832
12	$\mathcal{O}(0; \{12^3, 6^7, 4^5, 3, 2^{10}\})$	87296
12	$\mathcal{O}(0; \{12^3, 6^7, 4^5, 3^4, 2^6\})$	699136
12	$\mathcal{O}(0; \{12^3, 6^7, 4^5, 3^7, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^7, 4^7, 3, 2^7\})$	349184
12	$\mathcal{O}(0; \{12^3, 6^7, 4^7, 3^4, 2^3\})$	2796544
12	$\mathcal{O}(0; \{12^3, 6^7, 4^9, 3, 2^4\})$	1396736
12	$\mathcal{O}(0; \{12^3, 6^7, 4^9, 3^4\})$	11186176
12	$\mathcal{O}(0; \{12^3, 6^7, 4^{11}, 3, 2\})$	5586944
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3^2, 2^{13}\})$	21840
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3^5, 2^9\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3^8, 2^5\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3^{11}, 2\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6^8, 4^3, 3^2, 2^{10}\})$	87360
12	$\mathcal{O}(0; \{12^3, 6^8, 4^3, 3^5, 2^6\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^8, 4^3, 3^8, 2^2\})$	5592384

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^8, 4^5, 3^2, 2^7\})$	349440
12	$\mathcal{O}(0; \{12^3, 6^8, 4^5, 3^5, 2^3\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^8, 4^7, 3^2, 2^4\})$	1397760
12	$\mathcal{O}(0; \{12^3, 6^8, 4^7, 3^5\})$	11185152
12	$\mathcal{O}(0; \{12^3, 6^8, 4^9, 3^2, 2\})$	5591040
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 2^{14}\})$	10928
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 3^3, 2^{10}\})$	87376
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 3^6, 2^6\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 3^9, 2^2\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^9, 4^3, 2^{11}\})$	43712
12	$\mathcal{O}(0; \{12^3, 6^9, 4^3, 3^3, 2^7\})$	349504
12	$\mathcal{O}(0; \{12^3, 6^9, 4^3, 3^6, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^9, 4^5, 2^8\})$	174848
12	$\mathcal{O}(0; \{12^3, 6^9, 4^5, 3^3, 2^4\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^9, 4^5, 3^6\})$	11184896
12	$\mathcal{O}(0; \{12^3, 6^9, 4^7, 2^5\})$	699392
12	$\mathcal{O}(0; \{12^3, 6^9, 4^7, 3^3, 2\})$	5592064
12	$\mathcal{O}(0; \{12^3, 6^9, 4^9, 2^2\})$	2797568
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4, 3, 2^{11}\})$	43696
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4, 3^4, 2^7\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4, 3^7, 2^3\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^3, 3, 2^8\})$	174784
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^3, 3^4, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^3, 3^7\})$	11184832
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^5, 3, 2^5\})$	699136
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^5, 3^4, 2\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^7, 3, 2^2\})$	2796544
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4, 3^2, 2^8\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4, 3^5, 2^4\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4, 3^8\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^3, 3^2, 2^5\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^3, 3^5, 2\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^5, 3^2, 2^2\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4, 2^9\})$	87376
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4, 3^3, 2^5\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4, 3^6, 2\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4^3, 2^6\})$	349504
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4^3, 3^3, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4^5, 2^3\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4^7\})$	5592064
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4, 3, 2^6\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4, 3^4, 2^2\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4^3, 3, 2^3\})$	1398080

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4^5, 3\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^{14}, 4, 3^2, 2^3\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^{14}, 4^3, 3^2\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^{15}, 4, 2^4\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^{15}, 4, 3^3\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^{15}, 4^3, 2\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^{16}, 4, 3, 2\})$	2796208
12	$\mathcal{O}(0; \{12^4, 3^2, 2^{26}\})$	176
12	$\mathcal{O}(0; \{12^4, 3^5, 2^{22}\})$	1360
12	$\mathcal{O}(0; \{12^4, 3^8, 2^{18}\})$	10928
12	$\mathcal{O}(0; \{12^4, 3^{11}, 2^{14}\})$	87376
12	$\mathcal{O}(0; \{12^4, 3^{14}, 2^{10}\})$	699056
12	$\mathcal{O}(0; \{12^4, 3^{17}, 2^6\})$	5592400
12	$\mathcal{O}(0; \{12^4, 3^{20}, 2^2\})$	44739248
12	$\mathcal{O}(0; \{12^4, 4^2, 3^2, 2^{23}\})$	704
12	$\mathcal{O}(0; \{12^4, 4^2, 3^5, 2^{19}\})$	5440
12	$\mathcal{O}(0; \{12^4, 4^2, 3^8, 2^{15}\})$	43712
12	$\mathcal{O}(0; \{12^4, 4^2, 3^{11}, 2^{11}\})$	349504
12	$\mathcal{O}(0; \{12^4, 4^2, 3^{14}, 2^7\})$	2796224
12	$\mathcal{O}(0; \{12^4, 4^2, 3^{17}, 2^3\})$	22369600
12	$\mathcal{O}(0; \{12^4, 4^4, 3^2, 2^{20}\})$	2816
12	$\mathcal{O}(0; \{12^4, 4^4, 3^5, 2^{16}\})$	21760
12	$\mathcal{O}(0; \{12^4, 4^4, 3^8, 2^{12}\})$	174848
12	$\mathcal{O}(0; \{12^4, 4^4, 3^{11}, 2^8\})$	1398016
12	$\mathcal{O}(0; \{12^4, 4^4, 3^{14}, 2^4\})$	11184896
12	$\mathcal{O}(0; \{12^4, 4^4, 3^{17}\})$	89478400
12	$\mathcal{O}(0; \{12^4, 4^6, 3^2, 2^{17}\})$	11264
12	$\mathcal{O}(0; \{12^4, 4^6, 3^5, 2^{13}\})$	87040
12	$\mathcal{O}(0; \{12^4, 4^6, 3^8, 2^9\})$	699392
12	$\mathcal{O}(0; \{12^4, 4^6, 3^{11}, 2^5\})$	5592064
12	$\mathcal{O}(0; \{12^4, 4^6, 3^{14}, 2\})$	44739584
12	$\mathcal{O}(0; \{12^4, 4^8, 3^2, 2^{14}\})$	45056
12	$\mathcal{O}(0; \{12^4, 4^8, 3^5, 2^{10}\})$	348160
12	$\mathcal{O}(0; \{12^4, 4^8, 3^8, 2^6\})$	2797568
12	$\mathcal{O}(0; \{12^4, 4^8, 3^{11}, 2^2\})$	22368256
12	$\mathcal{O}(0; \{12^4, 4^{10}, 3^2, 2^{11}\})$	180224
12	$\mathcal{O}(0; \{12^4, 4^{10}, 3^5, 2^7\})$	1392640
12	$\mathcal{O}(0; \{12^4, 4^{10}, 3^8, 2^3\})$	11190272
12	$\mathcal{O}(0; \{12^4, 4^{12}, 3^2, 2^8\})$	720896
12	$\mathcal{O}(0; \{12^4, 4^{12}, 3^5, 2^4\})$	5570560
12	$\mathcal{O}(0; \{12^4, 4^{12}, 3^8\})$	44761088
12	$\mathcal{O}(0; \{12^4, 4^{14}, 3^2, 2^5\})$	2883584
12	$\mathcal{O}(0; \{12^4, 4^{14}, 3^5, 2\})$	22282240

Continued on next page

Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 4^{16}, 3^2, 2^2\})$	11534336
12	$\mathcal{O}(0; \{12^4, 6, 2^{27}\})$	80
12	$\mathcal{O}(0; \{12^4, 6, 3^3, 2^{23}\})$	688
12	$\mathcal{O}(0; \{12^4, 6, 3^6, 2^{19}\})$	5456
12	$\mathcal{O}(0; \{12^4, 6, 3^9, 2^{15}\})$	43696
12	$\mathcal{O}(0; \{12^4, 6, 3^{12}, 2^{11}\})$	349520
12	$\mathcal{O}(0; \{12^4, 6, 3^{15}, 2^7\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6, 3^{18}, 2^3\})$	22369616
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 2^{24}\})$	320
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^3, 2^{20}\})$	2752
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^6, 2^{16}\})$	21824
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^9, 2^{12}\})$	174784
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^{12}, 2^8\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^{15}, 2^4\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^{18}\})$	89478464
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 2^{21}\})$	1280
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^3, 2^{17}\})$	11008
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^6, 2^{13}\})$	87296
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^9, 2^9\})$	699136
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^{12}, 2^5\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^{15}, 2\})$	44739328
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 2^{18}\})$	5120
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^3, 2^{14}\})$	44032
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^6, 2^{10}\})$	349184
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^9, 2^6\})$	2796544
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^{12}, 2^2\})$	22369280
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 2^{15}\})$	20480
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3^3, 2^{11}\})$	176128
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3^6, 2^7\})$	1396736
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3^9, 2^3\})$	11186176
12	$\mathcal{O}(0; \{12^4, 6, 4^{10}, 2^{12}\})$	81920
12	$\mathcal{O}(0; \{12^4, 6, 4^{10}, 3^3, 2^8\})$	704512
12	$\mathcal{O}(0; \{12^4, 6, 4^{10}, 3^6, 2^4\})$	5586944
12	$\mathcal{O}(0; \{12^4, 6, 4^{10}, 3^9\})$	44744704
12	$\mathcal{O}(0; \{12^4, 6, 4^{12}, 2^9\})$	327680
12	$\mathcal{O}(0; \{12^4, 6, 4^{12}, 3^3, 2^5\})$	2818048
12	$\mathcal{O}(0; \{12^4, 6, 4^{12}, 3^6, 2\})$	22347776
12	$\mathcal{O}(0; \{12^4, 6, 4^{14}, 2^6\})$	1310720
12	$\mathcal{O}(0; \{12^4, 6, 4^{14}, 3^3, 2^2\})$	11272192
12	$\mathcal{O}(0; \{12^4, 6, 4^{16}, 2^3\})$	5242880
12	$\mathcal{O}(0; \{12^4, 6, 4^{18}\})$	20971520
12	$\mathcal{O}(0; \{12^4, 6^2, 3, 2^{24}\})$	336
12	$\mathcal{O}(0; \{12^4, 6^2, 3^4, 2^{20}\})$	2736

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^2, 3^7, 2^{16}\})$	21840
12	$\mathcal{O}(0; \{12^4, 6^2, 3^{10}, 2^{12}\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^2, 3^{13}, 2^8\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^2, 3^{16}, 2^4\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^2, 3^{19}\})$	89478480
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3, 2^{21}\})$	1344
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^4, 2^{17}\})$	10944
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^7, 2^{13}\})$	87360
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^{10}, 2^9\})$	699072
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^{13}, 2^5\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^{16}, 2\})$	44739264
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3, 2^{18}\})$	5376
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^4, 2^{14}\})$	43776
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^7, 2^{10}\})$	349440
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^{10}, 2^6\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^{13}, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3, 2^{15}\})$	21504
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^4, 2^{11}\})$	175104
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^7, 2^7\})$	1397760
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^{10}, 2^3\})$	11185152
12	$\mathcal{O}(0; \{12^4, 6^2, 4^8, 3, 2^{12}\})$	86016
12	$\mathcal{O}(0; \{12^4, 6^2, 4^8, 3^4, 2^8\})$	700416
12	$\mathcal{O}(0; \{12^4, 6^2, 4^8, 3^7, 2^4\})$	5591040
12	$\mathcal{O}(0; \{12^4, 6^2, 4^8, 3^{10}\})$	44740608
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{10}, 3, 2^9\})$	344064
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{10}, 3^4, 2^5\})$	2801664
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{10}, 3^7, 2\})$	22364160
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{12}, 3, 2^6\})$	1376256
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{12}, 3^4, 2^2\})$	11206656
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{14}, 3, 2^3\})$	5505024
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{16}, 3\})$	22020096
12	$\mathcal{O}(0; \{12^4, 6^3, 3^2, 2^{21}\})$	1360
12	$\mathcal{O}(0; \{12^4, 6^3, 3^5, 2^{17}\})$	10928
12	$\mathcal{O}(0; \{12^4, 6^3, 3^8, 2^{13}\})$	87376
12	$\mathcal{O}(0; \{12^4, 6^3, 3^{11}, 2^9\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^3, 3^{14}, 2^5\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^3, 3^{17}, 2\})$	44739248
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^2, 2^{18}\})$	5440
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^5, 2^{14}\})$	43712
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^8, 2^{10}\})$	349504
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^{11}, 2^6\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^{14}, 2^2\})$	22369600
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^2, 2^{15}\})$	21760

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^5, 2^{11}\})$	174848
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^8, 2^7\})$	1398016
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^{11}, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 3^2, 2^{12}\})$	87040
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 3^5, 2^8\})$	699392
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 3^8, 2^4\})$	5592064
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 3^{11}\})$	44739584
12	$\mathcal{O}(0; \{12^4, 6^3, 4^8, 3^2, 2^9\})$	348160
12	$\mathcal{O}(0; \{12^4, 6^3, 4^8, 3^5, 2^5\})$	2797568
12	$\mathcal{O}(0; \{12^4, 6^3, 4^8, 3^8, 2\})$	22368256
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{10}, 3^2, 2^6\})$	1392640
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{10}, 3^5, 2^2\})$	11190272
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{12}, 3^2, 2^3\})$	5570560
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{14}, 3^2\})$	22282240
12	$\mathcal{O}(0; \{12^4, 6^4, 2^{22}\})$	688
12	$\mathcal{O}(0; \{12^4, 6^4, 3^3, 2^{18}\})$	5456
12	$\mathcal{O}(0; \{12^4, 6^4, 3^6, 2^{14}\})$	43696
12	$\mathcal{O}(0; \{12^4, 6^4, 3^9, 2^{10}\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^4, 3^{12}, 2^6\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^4, 3^{15}, 2^2\})$	22369616
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 2^{19}\})$	2752
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^3, 2^{15}\})$	21824
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^6, 2^{11}\})$	174784
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^9, 2^7\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^{12}, 2^3\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 2^{16}\})$	11008
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3^3, 2^{12}\})$	87296
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3^6, 2^8\})$	699136
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3^9, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3^{12}\})$	44739328
12	$\mathcal{O}(0; \{12^4, 6^4, 4^6, 2^{13}\})$	44032
12	$\mathcal{O}(0; \{12^4, 6^4, 4^6, 3^3, 2^9\})$	349184
12	$\mathcal{O}(0; \{12^4, 6^4, 4^6, 3^6, 2^5\})$	2796544
12	$\mathcal{O}(0; \{12^4, 6^4, 4^6, 3^9, 2\})$	22369280
12	$\mathcal{O}(0; \{12^4, 6^4, 4^8, 2^{10}\})$	176128
12	$\mathcal{O}(0; \{12^4, 6^4, 4^8, 3^3, 2^6\})$	1396736
12	$\mathcal{O}(0; \{12^4, 6^4, 4^8, 3^6, 2^2\})$	11186176
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{10}, 2^7\})$	704512
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{10}, 3^3, 2^3\})$	5586944
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{12}, 2^4\})$	2818048
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{12}, 3^3\})$	22347776
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{14}, 2\})$	11272192
12	$\mathcal{O}(0; \{12^4, 6^5, 3, 2^{19}\})$	2736

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^5, 3^4, 2^{15}\})$	21840
12	$\mathcal{O}(0; \{12^4, 6^5, 3^7, 2^{11}\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^5, 3^{10}, 2^7\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^5, 3^{13}, 2^3\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3, 2^{16}\})$	10944
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^4, 2^{12}\})$	87360
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^7, 2^8\})$	699072
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^{10}, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^{13}\})$	44739264
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 3, 2^{13}\})$	43776
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 3^4, 2^9\})$	349440
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 3^7, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 3^{10}, 2\})$	22369536
12	$\mathcal{O}(0; \{12^4, 6^5, 4^6, 3, 2^{10}\})$	175104
12	$\mathcal{O}(0; \{12^4, 6^5, 4^6, 3^4, 2^6\})$	1397760
12	$\mathcal{O}(0; \{12^4, 6^5, 4^6, 3^7, 2^2\})$	11185152
12	$\mathcal{O}(0; \{12^4, 6^5, 4^8, 3, 2^7\})$	700416
12	$\mathcal{O}(0; \{12^4, 6^5, 4^8, 3^4, 2^3\})$	5591040
12	$\mathcal{O}(0; \{12^4, 6^5, 4^{10}, 3, 2^4\})$	2801664
12	$\mathcal{O}(0; \{12^4, 6^5, 4^{10}, 3^4\})$	22364160
12	$\mathcal{O}(0; \{12^4, 6^5, 4^{12}, 3, 2\})$	11206656
12	$\mathcal{O}(0; \{12^4, 6^6, 3^2, 2^{16}\})$	10928
12	$\mathcal{O}(0; \{12^4, 6^6, 3^5, 2^{12}\})$	87376
12	$\mathcal{O}(0; \{12^4, 6^6, 3^8, 2^8\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^6, 3^{11}, 2^4\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^6, 3^{14}\})$	44739248
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3^2, 2^{13}\})$	43712
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3^5, 2^9\})$	349504
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3^8, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3^{11}, 2\})$	22369600
12	$\mathcal{O}(0; \{12^4, 6^6, 4^4, 3^2, 2^{10}\})$	174848
12	$\mathcal{O}(0; \{12^4, 6^6, 4^4, 3^5, 2^6\})$	1398016
12	$\mathcal{O}(0; \{12^4, 6^6, 4^4, 3^8, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^4, 6^6, 4^6, 3^2, 2^7\})$	699392
12	$\mathcal{O}(0; \{12^4, 6^6, 4^6, 3^5, 2^3\})$	5592064
12	$\mathcal{O}(0; \{12^4, 6^6, 4^8, 3^2, 2^4\})$	2797568
12	$\mathcal{O}(0; \{12^4, 6^6, 4^8, 3^5\})$	22368256
12	$\mathcal{O}(0; \{12^4, 6^6, 4^{10}, 3^2, 2\})$	11190272
12	$\mathcal{O}(0; \{12^4, 6^7, 2^{17}\})$	5456
12	$\mathcal{O}(0; \{12^4, 6^7, 3^3, 2^{13}\})$	43696
12	$\mathcal{O}(0; \{12^4, 6^7, 3^6, 2^9\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^7, 3^9, 2^5\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^7, 3^{12}, 2\})$	22369616

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 2^{14}\})$	21824
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 3^3, 2^{10}\})$	174784
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 3^6, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 3^9, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^7, 4^4, 2^{11}\})$	87296
12	$\mathcal{O}(0; \{12^4, 6^7, 4^4, 3^3, 2^7\})$	699136
12	$\mathcal{O}(0; \{12^4, 6^7, 4^4, 3^6, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^7, 4^6, 2^8\})$	349184
12	$\mathcal{O}(0; \{12^4, 6^7, 4^6, 3^3, 2^4\})$	2796544
12	$\mathcal{O}(0; \{12^4, 6^7, 4^6, 3^6\})$	22369280
12	$\mathcal{O}(0; \{12^4, 6^7, 4^8, 2^5\})$	1396736
12	$\mathcal{O}(0; \{12^4, 6^7, 4^8, 3^3, 2\})$	11186176
12	$\mathcal{O}(0; \{12^4, 6^7, 4^{10}, 2^2\})$	5586944
12	$\mathcal{O}(0; \{12^4, 6^8, 3, 2^{14}\})$	21840
12	$\mathcal{O}(0; \{12^4, 6^8, 3^4, 2^{10}\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^8, 3^7, 2^6\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^8, 3^{10}, 2^2\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^8, 4^2, 3, 2^{11}\})$	87360
12	$\mathcal{O}(0; \{12^4, 6^8, 4^2, 3^4, 2^7\})$	699072
12	$\mathcal{O}(0; \{12^4, 6^8, 4^2, 3^7, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^8, 4^4, 3, 2^8\})$	349440
12	$\mathcal{O}(0; \{12^4, 6^8, 4^4, 3^4, 2^4\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6^8, 4^4, 3^7\})$	22369536
12	$\mathcal{O}(0; \{12^4, 6^8, 4^6, 3, 2^5\})$	1397760
12	$\mathcal{O}(0; \{12^4, 6^8, 4^6, 3^4, 2\})$	11185152
12	$\mathcal{O}(0; \{12^4, 6^8, 4^8, 3, 2^2\})$	5591040
12	$\mathcal{O}(0; \{12^4, 6^9, 3^2, 2^{11}\})$	87376
12	$\mathcal{O}(0; \{12^4, 6^9, 3^5, 2^7\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^9, 3^8, 2^3\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^9, 4^2, 3^2, 2^8\})$	349504
12	$\mathcal{O}(0; \{12^4, 6^9, 4^2, 3^5, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^9, 4^2, 3^8\})$	22369600
12	$\mathcal{O}(0; \{12^4, 6^9, 4^4, 3^2, 2^5\})$	1398016
12	$\mathcal{O}(0; \{12^4, 6^9, 4^4, 3^5, 2\})$	11184896
12	$\mathcal{O}(0; \{12^4, 6^9, 4^6, 3^2, 2^2\})$	5592064
12	$\mathcal{O}(0; \{12^4, 6^{10}, 2^{12}\})$	43696
12	$\mathcal{O}(0; \{12^4, 6^{10}, 3^3, 2^8\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^{10}, 3^6, 2^4\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^{10}, 3^9\})$	22369616
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^2, 2^9\})$	174784
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^2, 3^3, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^2, 3^6, 2\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^4, 2^6\})$	699136

Continued on next page

Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^4, 3^3, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^6, 2^3\})$	2796544
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^8\})$	11186176
12	$\mathcal{O}(0; \{12^4, 6^{11}, 3, 2^9\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^{11}, 3^4, 2^5\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^{11}, 3^7, 2\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^2, 3, 2^6\})$	699072
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^2, 3^4, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^4, 3, 2^3\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^6, 3\})$	11185152
12	$\mathcal{O}(0; \{12^4, 6^{12}, 3^2, 2^6\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^{12}, 3^5, 2^2\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^{12}, 4^2, 3^2, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^{12}, 4^4, 3^2\})$	11184896
12	$\mathcal{O}(0; \{12^4, 6^{13}, 2^7\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^{13}, 3^3, 2^3\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^{13}, 4^2, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^{13}, 4^2, 3^3\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^{13}, 4^4, 2\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^{14}, 3, 2^4\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^{14}, 3^4\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^{14}, 4^2, 3, 2\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^{15}, 3^2, 2\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^{16}, 2^2\})$	2796208
12	$\mathcal{O}(0; \{12^5, 4, 3, 2^{24}\})$	704
12	$\mathcal{O}(0; \{12^5, 4, 3^4, 2^{20}\})$	5440
12	$\mathcal{O}(0; \{12^5, 4, 3^7, 2^{16}\})$	43712
12	$\mathcal{O}(0; \{12^5, 4, 3^{10}, 2^{12}\})$	349504
12	$\mathcal{O}(0; \{12^5, 4, 3^{13}, 2^8\})$	2796224
12	$\mathcal{O}(0; \{12^5, 4, 3^{16}, 2^4\})$	22369600
12	$\mathcal{O}(0; \{12^5, 4, 3^{19}\})$	178956992
12	$\mathcal{O}(0; \{12^5, 4^3, 3, 2^{21}\})$	2816
12	$\mathcal{O}(0; \{12^5, 4^3, 3^4, 2^{17}\})$	21760
12	$\mathcal{O}(0; \{12^5, 4^3, 3^7, 2^{13}\})$	174848
12	$\mathcal{O}(0; \{12^5, 4^3, 3^{10}, 2^9\})$	1398016
12	$\mathcal{O}(0; \{12^5, 4^3, 3^{13}, 2^5\})$	11184896
12	$\mathcal{O}(0; \{12^5, 4^3, 3^{16}, 2\})$	89478400
12	$\mathcal{O}(0; \{12^5, 4^5, 3, 2^{18}\})$	11264
12	$\mathcal{O}(0; \{12^5, 4^5, 3^4, 2^{14}\})$	87040
12	$\mathcal{O}(0; \{12^5, 4^5, 3^7, 2^{10}\})$	699392
12	$\mathcal{O}(0; \{12^5, 4^5, 3^{10}, 2^6\})$	5592064
12	$\mathcal{O}(0; \{12^5, 4^5, 3^{13}, 2^2\})$	44739584
12	$\mathcal{O}(0; \{12^5, 4^7, 3, 2^{15}\})$	45056

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 4^7, 3^4, 2^{11}\})$	348160
12	$\mathcal{O}(0; \{12^5, 4^7, 3^7, 2^7\})$	2797568
12	$\mathcal{O}(0; \{12^5, 4^7, 3^{10}, 2^3\})$	22368256
12	$\mathcal{O}(0; \{12^5, 4^9, 3, 2^{12}\})$	180224
12	$\mathcal{O}(0; \{12^5, 4^9, 3^4, 2^8\})$	1392640
12	$\mathcal{O}(0; \{12^5, 4^9, 3^7, 2^4\})$	11190272
12	$\mathcal{O}(0; \{12^5, 4^9, 3^{10}\})$	89473024
12	$\mathcal{O}(0; \{12^5, 4^{11}, 3, 2^9\})$	720896
12	$\mathcal{O}(0; \{12^5, 4^{11}, 3^4, 2^5\})$	5570560
12	$\mathcal{O}(0; \{12^5, 4^{11}, 3^7, 2\})$	44761088
12	$\mathcal{O}(0; \{12^5, 4^{13}, 3, 2^6\})$	2883584
12	$\mathcal{O}(0; \{12^5, 4^{13}, 3^4, 2^2\})$	22282240
12	$\mathcal{O}(0; \{12^5, 4^{15}, 3, 2^3\})$	11534336
12	$\mathcal{O}(0; \{12^5, 4^{17}, 3\})$	46137344
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^2, 2^{21}\})$	2752
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^5, 2^{17}\})$	21824
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^8, 2^{13}\})$	174784
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^{11}, 2^9\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^{14}, 2^5\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^{17}, 2\})$	89478464
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^2, 2^{18}\})$	11008
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^5, 2^{14}\})$	87296
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^8, 2^{10}\})$	699136
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^{11}, 2^6\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^{14}, 2^2\})$	44739328
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^2, 2^{15}\})$	44032
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^5, 2^{11}\})$	349184
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^8, 2^7\})$	2796544
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^{11}, 2^3\})$	22369280
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 3^2, 2^{12}\})$	176128
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 3^5, 2^8\})$	1396736
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 3^8, 2^4\})$	11186176
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 3^{11}\})$	89477120
12	$\mathcal{O}(0; \{12^5, 6, 4^9, 3^2, 2^9\})$	704512
12	$\mathcal{O}(0; \{12^5, 6, 4^9, 3^5, 2^5\})$	5586944
12	$\mathcal{O}(0; \{12^5, 6, 4^9, 3^8, 2\})$	44744704
12	$\mathcal{O}(0; \{12^5, 6, 4^{11}, 3^2, 2^6\})$	2818048
12	$\mathcal{O}(0; \{12^5, 6, 4^{11}, 3^5, 2^2\})$	22347776
12	$\mathcal{O}(0; \{12^5, 6, 4^{13}, 3^2, 2^3\})$	11272192
12	$\mathcal{O}(0; \{12^5, 6, 4^{15}, 3^2\})$	45088768
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 2^{22}\})$	1344
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^3, 2^{18}\})$	10944
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^6, 2^{14}\})$	87360

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^9, 2^{10}\})$	699072
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^{12}, 2^6\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^{15}, 2^2\})$	44739264
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 2^{19}\})$	5376
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^3, 2^{15}\})$	43776
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^6, 2^{11}\})$	349440
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^9, 2^7\})$	2796288
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^{12}, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 2^{16}\})$	21504
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3^3, 2^{12}\})$	175104
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3^6, 2^8\})$	1397760
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3^9, 2^4\})$	11185152
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3^{12}\})$	89478144
12	$\mathcal{O}(0; \{12^5, 6^2, 4^7, 2^{13}\})$	86016
12	$\mathcal{O}(0; \{12^5, 6^2, 4^7, 3^3, 2^9\})$	700416
12	$\mathcal{O}(0; \{12^5, 6^2, 4^7, 3^6, 2^5\})$	5591040
12	$\mathcal{O}(0; \{12^5, 6^2, 4^7, 3^9, 2\})$	44740608
12	$\mathcal{O}(0; \{12^5, 6^2, 4^9, 2^{10}\})$	344064
12	$\mathcal{O}(0; \{12^5, 6^2, 4^9, 3^3, 2^6\})$	2801664
12	$\mathcal{O}(0; \{12^5, 6^2, 4^9, 3^6, 2^2\})$	22364160
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{11}, 2^7\})$	1376256
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{11}, 3^3, 2^3\})$	11206656
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{13}, 2^4\})$	5505024
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{13}, 3^3\})$	44826624
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{15}, 2\})$	22020096
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3, 2^{19}\})$	5440
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^4, 2^{15}\})$	43712
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^7, 2^{11}\})$	349504
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^{10}, 2^7\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^{13}, 2^3\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3, 2^{16}\})$	21760
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^4, 2^{12}\})$	174848
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^7, 2^8\})$	1398016
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^{10}, 2^4\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^{13}\})$	89478400
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 3, 2^{13}\})$	87040
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 3^4, 2^9\})$	699392
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 3^7, 2^5\})$	5592064
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 3^{10}, 2\})$	44739584
12	$\mathcal{O}(0; \{12^5, 6^3, 4^7, 3, 2^{10}\})$	348160
12	$\mathcal{O}(0; \{12^5, 6^3, 4^7, 3^4, 2^6\})$	2797568
12	$\mathcal{O}(0; \{12^5, 6^3, 4^7, 3^7, 2^2\})$	22368256
12	$\mathcal{O}(0; \{12^5, 6^3, 4^9, 3, 2^7\})$	1392640

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6^3, 4^9, 3^4, 2^3\})$	11190272
12	$\mathcal{O}(0; \{12^5, 6^3, 4^{11}, 3, 2^4\})$	5570560
12	$\mathcal{O}(0; \{12^5, 6^3, 4^{11}, 3^4\})$	44761088
12	$\mathcal{O}(0; \{12^5, 6^3, 4^{13}, 3, 2\})$	22282240
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^2, 2^{16}\})$	21824
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^5, 2^{12}\})$	174784
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^8, 2^8\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^{11}, 2^4\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^{14}\})$	89478464
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3^2, 2^{13}\})$	87296
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3^5, 2^9\})$	699136
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3^8, 2^5\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3^{11}, 2\})$	44739328
12	$\mathcal{O}(0; \{12^5, 6^4, 4^5, 3^2, 2^{10}\})$	349184
12	$\mathcal{O}(0; \{12^5, 6^4, 4^5, 3^5, 2^6\})$	2796544
12	$\mathcal{O}(0; \{12^5, 6^4, 4^5, 3^8, 2^2\})$	22369280
12	$\mathcal{O}(0; \{12^5, 6^4, 4^7, 3^2, 2^7\})$	1396736
12	$\mathcal{O}(0; \{12^5, 6^4, 4^7, 3^5, 2^3\})$	11186176
12	$\mathcal{O}(0; \{12^5, 6^4, 4^9, 3^2, 2^4\})$	5586944
12	$\mathcal{O}(0; \{12^5, 6^4, 4^9, 3^5\})$	44744704
12	$\mathcal{O}(0; \{12^5, 6^4, 4^{11}, 3^2, 2\})$	22347776
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 2^{17}\})$	10944
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^3, 2^{13}\})$	87360
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^6, 2^9\})$	699072
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^9, 2^5\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^{12}, 2\})$	44739264
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 2^{14}\})$	43776
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 3^3, 2^{10}\})$	349440
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 3^6, 2^6\})$	2796288
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 3^9, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^5, 6^5, 4^5, 2^{11}\})$	175104
12	$\mathcal{O}(0; \{12^5, 6^5, 4^5, 3^3, 2^7\})$	1397760
12	$\mathcal{O}(0; \{12^5, 6^5, 4^5, 3^6, 2^3\})$	11185152
12	$\mathcal{O}(0; \{12^5, 6^5, 4^7, 2^8\})$	700416
12	$\mathcal{O}(0; \{12^5, 6^5, 4^7, 3^3, 2^4\})$	5591040
12	$\mathcal{O}(0; \{12^5, 6^5, 4^7, 3^6\})$	44740608
12	$\mathcal{O}(0; \{12^5, 6^5, 4^9, 2^5\})$	2801664
12	$\mathcal{O}(0; \{12^5, 6^5, 4^9, 3^3, 2\})$	22364160
12	$\mathcal{O}(0; \{12^5, 6^5, 4^{11}, 2^2\})$	11206656
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3, 2^{14}\})$	43712
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3^4, 2^{10}\})$	349504
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3^7, 2^6\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3^{10}, 2^2\})$	22369600

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6^6, 4^3, 3, 2^{11}\})$	174848
12	$\mathcal{O}(0; \{12^5, 6^6, 4^3, 3^4, 2^7\})$	1398016
12	$\mathcal{O}(0; \{12^5, 6^6, 4^3, 3^7, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^6, 4^5, 3, 2^8\})$	699392
12	$\mathcal{O}(0; \{12^5, 6^6, 4^5, 3^4, 2^4\})$	5592064
12	$\mathcal{O}(0; \{12^5, 6^6, 4^5, 3^7\})$	44739584
12	$\mathcal{O}(0; \{12^5, 6^6, 4^7, 3, 2^5\})$	2797568
12	$\mathcal{O}(0; \{12^5, 6^6, 4^7, 3^4, 2\})$	22368256
12	$\mathcal{O}(0; \{12^5, 6^6, 4^9, 3, 2^2\})$	11190272
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 3^2, 2^{11}\})$	174784
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 3^5, 2^7\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 3^8, 2^3\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^7, 4^3, 3^2, 2^8\})$	699136
12	$\mathcal{O}(0; \{12^5, 6^7, 4^3, 3^5, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^7, 4^3, 3^8\})$	44739328
12	$\mathcal{O}(0; \{12^5, 6^7, 4^5, 3^2, 2^5\})$	2796544
12	$\mathcal{O}(0; \{12^5, 6^7, 4^5, 3^5, 2\})$	22369280
12	$\mathcal{O}(0; \{12^5, 6^7, 4^7, 3^2, 2^2\})$	11186176
12	$\mathcal{O}(0; \{12^5, 6^8, 4, 2^{12}\})$	87360
12	$\mathcal{O}(0; \{12^5, 6^8, 4, 3^3, 2^8\})$	699072
12	$\mathcal{O}(0; \{12^5, 6^8, 4, 3^6, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^8, 4, 3^9\})$	44739264
12	$\mathcal{O}(0; \{12^5, 6^8, 4^3, 2^9\})$	349440
12	$\mathcal{O}(0; \{12^5, 6^8, 4^3, 3^3, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12^5, 6^8, 4^3, 3^6, 2\})$	22369536
12	$\mathcal{O}(0; \{12^5, 6^8, 4^5, 2^6\})$	1397760
12	$\mathcal{O}(0; \{12^5, 6^8, 4^5, 3^3, 2^2\})$	11185152
12	$\mathcal{O}(0; \{12^5, 6^8, 4^7, 2^3\})$	5591040
12	$\mathcal{O}(0; \{12^5, 6^8, 4^9\})$	22364160
12	$\mathcal{O}(0; \{12^5, 6^9, 4, 3, 2^9\})$	349504
12	$\mathcal{O}(0; \{12^5, 6^9, 4, 3^4, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^9, 4, 3^7, 2\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6^9, 4^3, 3, 2^6\})$	1398016
12	$\mathcal{O}(0; \{12^5, 6^9, 4^3, 3^4, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^9, 4^5, 3, 2^3\})$	5592064
12	$\mathcal{O}(0; \{12^5, 6^9, 4^7, 3\})$	22368256
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4, 3^2, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4, 3^5, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4^3, 3^2, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4^5, 3^2\})$	22369280
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4, 2^7\})$	699072
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4, 3^3, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4^3, 2^4\})$	2796288

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4^3, 3^3\})$	22369536
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4^5, 2\})$	11185152
12	$\mathcal{O}(0; \{12^5, 6^{12}, 4, 3, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^{12}, 4, 3^4\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6^{12}, 4^3, 3, 2\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^{13}, 4, 3^2, 2\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^{14}, 4, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^6, 2^{25}\})$	704
12	$\mathcal{O}(0; \{12^6, 3^3, 2^{21}\})$	5440
12	$\mathcal{O}(0; \{12^6, 3^6, 2^{17}\})$	43712
12	$\mathcal{O}(0; \{12^6, 3^9, 2^{13}\})$	349504
12	$\mathcal{O}(0; \{12^6, 3^{12}, 2^9\})$	2796224
12	$\mathcal{O}(0; \{12^6, 3^{15}, 2^5\})$	22369600
12	$\mathcal{O}(0; \{12^6, 3^{18}, 2\})$	178956992
12	$\mathcal{O}(0; \{12^6, 4^2, 2^{22}\})$	2816
12	$\mathcal{O}(0; \{12^6, 4^2, 3^3, 2^{18}\})$	21760
12	$\mathcal{O}(0; \{12^6, 4^2, 3^6, 2^{14}\})$	174848
12	$\mathcal{O}(0; \{12^6, 4^2, 3^9, 2^{10}\})$	1398016
12	$\mathcal{O}(0; \{12^6, 4^2, 3^{12}, 2^6\})$	11184896
12	$\mathcal{O}(0; \{12^6, 4^2, 3^{15}, 2^2\})$	89478400
12	$\mathcal{O}(0; \{12^6, 4^4, 2^{19}\})$	11264
12	$\mathcal{O}(0; \{12^6, 4^4, 3^3, 2^{15}\})$	87040
12	$\mathcal{O}(0; \{12^6, 4^4, 3^6, 2^{11}\})$	699392
12	$\mathcal{O}(0; \{12^6, 4^4, 3^9, 2^7\})$	5592064
12	$\mathcal{O}(0; \{12^6, 4^4, 3^{12}, 2^3\})$	44739584
12	$\mathcal{O}(0; \{12^6, 4^6, 2^{16}\})$	45056
12	$\mathcal{O}(0; \{12^6, 4^6, 3^3, 2^{12}\})$	348160
12	$\mathcal{O}(0; \{12^6, 4^6, 3^6, 2^8\})$	2797568
12	$\mathcal{O}(0; \{12^6, 4^6, 3^9, 2^4\})$	22368256
12	$\mathcal{O}(0; \{12^6, 4^6, 3^{12}\})$	178958336
12	$\mathcal{O}(0; \{12^6, 4^8, 2^{13}\})$	180224
12	$\mathcal{O}(0; \{12^6, 4^8, 3^3, 2^9\})$	1392640
12	$\mathcal{O}(0; \{12^6, 4^8, 3^6, 2^5\})$	11190272
12	$\mathcal{O}(0; \{12^6, 4^8, 3^9, 2\})$	89473024
12	$\mathcal{O}(0; \{12^6, 4^{10}, 2^{10}\})$	720896
12	$\mathcal{O}(0; \{12^6, 4^{10}, 3^3, 2^6\})$	5570560
12	$\mathcal{O}(0; \{12^6, 4^{10}, 3^6, 2^2\})$	44761088
12	$\mathcal{O}(0; \{12^6, 4^{12}, 2^7\})$	2883584
12	$\mathcal{O}(0; \{12^6, 4^{12}, 3^3, 2^3\})$	22282240
12	$\mathcal{O}(0; \{12^6, 4^{14}, 2^4\})$	11534336
12	$\mathcal{O}(0; \{12^6, 4^{14}, 3^3\})$	89128960
12	$\mathcal{O}(0; \{12^6, 4^{16}, 2\})$	46137344
12	$\mathcal{O}(0; \{12^6, 6, 3, 2^{22}\})$	2752

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6, 3^4, 2^{18}\})$	21824
12	$\mathcal{O}(0; \{12^6, 6, 3^7, 2^{14}\})$	174784
12	$\mathcal{O}(0; \{12^6, 6, 3^{10}, 2^{10}\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6, 3^{13}, 2^6\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6, 3^{16}, 2^2\})$	89478464
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3, 2^{19}\})$	11008
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^4, 2^{15}\})$	87296
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^7, 2^{11}\})$	699136
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^{10}, 2^7\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^{13}, 2^3\})$	44739328
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3, 2^{16}\})$	44032
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^4, 2^{12}\})$	349184
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^7, 2^8\})$	2796544
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^{10}, 2^4\})$	22369280
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^{13}\})$	178957312
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 3, 2^{13}\})$	176128
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 3^4, 2^9\})$	1396736
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 3^7, 2^5\})$	11186176
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 3^{10}, 2\})$	89477120
12	$\mathcal{O}(0; \{12^6, 6, 4^8, 3, 2^{10}\})$	704512
12	$\mathcal{O}(0; \{12^6, 6, 4^8, 3^4, 2^6\})$	5586944
12	$\mathcal{O}(0; \{12^6, 6, 4^8, 3^7, 2^2\})$	44744704
12	$\mathcal{O}(0; \{12^6, 6, 4^{10}, 3, 2^7\})$	2818048
12	$\mathcal{O}(0; \{12^6, 6, 4^{10}, 3^4, 2^3\})$	22347776
12	$\mathcal{O}(0; \{12^6, 6, 4^{12}, 3, 2^4\})$	11272192
12	$\mathcal{O}(0; \{12^6, 6, 4^{12}, 3^4\})$	89391104
12	$\mathcal{O}(0; \{12^6, 6, 4^{14}, 3, 2\})$	45088768
12	$\mathcal{O}(0; \{12^6, 6^2, 3^2, 2^{19}\})$	10944
12	$\mathcal{O}(0; \{12^6, 6^2, 3^5, 2^{15}\})$	87360
12	$\mathcal{O}(0; \{12^6, 6^2, 3^8, 2^{11}\})$	699072
12	$\mathcal{O}(0; \{12^6, 6^2, 3^{11}, 2^7\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^2, 3^{14}, 2^3\})$	44739264
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^2, 2^{16}\})$	43776
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^5, 2^{12}\})$	349440
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^8, 2^8\})$	2796288
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^{11}, 2^4\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^{14}\})$	178957056
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3^2, 2^{13}\})$	175104
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3^5, 2^9\})$	1397760
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3^8, 2^5\})$	11185152
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3^{11}, 2\})$	89478144
12	$\mathcal{O}(0; \{12^6, 6^2, 4^6, 3^2, 2^{10}\})$	700416
12	$\mathcal{O}(0; \{12^6, 6^2, 4^6, 3^5, 2^6\})$	5591040

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6^2, 4^6, 3^8, 2^2\})$	44740608
12	$\mathcal{O}(0; \{12^6, 6^2, 4^8, 3^2, 2^7\})$	2801664
12	$\mathcal{O}(0; \{12^6, 6^2, 4^8, 3^5, 2^3\})$	22364160
12	$\mathcal{O}(0; \{12^6, 6^2, 4^{10}, 3^2, 2^4\})$	11206656
12	$\mathcal{O}(0; \{12^6, 6^2, 4^{10}, 3^5\})$	89456640
12	$\mathcal{O}(0; \{12^6, 6^2, 4^{12}, 3^2, 2\})$	44826624
12	$\mathcal{O}(0; \{12^6, 6^3, 2^{20}\})$	5440
12	$\mathcal{O}(0; \{12^6, 6^3, 3^3, 2^{16}\})$	43712
12	$\mathcal{O}(0; \{12^6, 6^3, 3^6, 2^{12}\})$	349504
12	$\mathcal{O}(0; \{12^6, 6^3, 3^9, 2^8\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^3, 3^{12}, 2^4\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^3, 3^{15}\})$	178956992
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 2^{17}\})$	21760
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^3, 2^{13}\})$	174848
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^6, 2^9\})$	1398016
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^9, 2^5\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^{12}, 2\})$	89478400
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 2^{14}\})$	87040
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 3^3, 2^{10}\})$	699392
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 3^6, 2^6\})$	5592064
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 3^9, 2^2\})$	44739584
12	$\mathcal{O}(0; \{12^6, 6^3, 4^6, 2^{11}\})$	348160
12	$\mathcal{O}(0; \{12^6, 6^3, 4^6, 3^3, 2^7\})$	2797568
12	$\mathcal{O}(0; \{12^6, 6^3, 4^6, 3^6, 2^3\})$	22368256
12	$\mathcal{O}(0; \{12^6, 6^3, 4^8, 2^8\})$	1392640
12	$\mathcal{O}(0; \{12^6, 6^3, 4^8, 3^3, 2^4\})$	11190272
12	$\mathcal{O}(0; \{12^6, 6^3, 4^8, 3^6\})$	89473024
12	$\mathcal{O}(0; \{12^6, 6^3, 4^{10}, 2^5\})$	5570560
12	$\mathcal{O}(0; \{12^6, 6^3, 4^{10}, 3^3, 2\})$	44761088
12	$\mathcal{O}(0; \{12^6, 6^3, 4^{12}, 2^2\})$	22282240
12	$\mathcal{O}(0; \{12^6, 6^4, 3, 2^{17}\})$	21824
12	$\mathcal{O}(0; \{12^6, 6^4, 3^4, 2^{13}\})$	174784
12	$\mathcal{O}(0; \{12^6, 6^4, 3^7, 2^9\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6^4, 3^{10}, 2^5\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^4, 3^{13}, 2\})$	89478464
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3, 2^{14}\})$	87296
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3^4, 2^{10}\})$	699136
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3^7, 2^6\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3^{10}, 2^2\})$	44739328
12	$\mathcal{O}(0; \{12^6, 6^4, 4^4, 3, 2^{11}\})$	349184
12	$\mathcal{O}(0; \{12^6, 6^4, 4^4, 3^4, 2^7\})$	2796544
12	$\mathcal{O}(0; \{12^6, 6^4, 4^4, 3^7, 2^3\})$	22369280
12	$\mathcal{O}(0; \{12^6, 6^4, 4^6, 3, 2^8\})$	1396736

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6^4, 4^6, 3^4, 2^4\})$	11186176
12	$\mathcal{O}(0; \{12^6, 6^4, 4^6, 3^7\})$	89477120
12	$\mathcal{O}(0; \{12^6, 6^4, 4^8, 3, 2^5\})$	5586944
12	$\mathcal{O}(0; \{12^6, 6^4, 4^8, 3^4, 2\})$	44744704
12	$\mathcal{O}(0; \{12^6, 6^4, 4^{10}, 3, 2^2\})$	22347776
12	$\mathcal{O}(0; \{12^6, 6^5, 3^2, 2^{14}\})$	87360
12	$\mathcal{O}(0; \{12^6, 6^5, 3^5, 2^{10}\})$	699072
12	$\mathcal{O}(0; \{12^6, 6^5, 3^8, 2^6\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^5, 3^{11}, 2^2\})$	44739264
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 3^2, 2^{11}\})$	349440
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 3^5, 2^7\})$	2796288
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 3^8, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^5, 4^4, 3^2, 2^8\})$	1397760
12	$\mathcal{O}(0; \{12^6, 6^5, 4^4, 3^5, 2^4\})$	11185152
12	$\mathcal{O}(0; \{12^6, 6^5, 4^4, 3^8\})$	89478144
12	$\mathcal{O}(0; \{12^6, 6^5, 4^6, 3^2, 2^5\})$	5591040
12	$\mathcal{O}(0; \{12^6, 6^5, 4^6, 3^5, 2\})$	44740608
12	$\mathcal{O}(0; \{12^6, 6^5, 4^8, 3^2, 2^2\})$	22364160
12	$\mathcal{O}(0; \{12^6, 6^6, 2^{15}\})$	43712
12	$\mathcal{O}(0; \{12^6, 6^6, 3^3, 2^{11}\})$	349504
12	$\mathcal{O}(0; \{12^6, 6^6, 3^6, 2^7\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^6, 3^9, 2^3\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^6, 4^2, 2^{12}\})$	174848
12	$\mathcal{O}(0; \{12^6, 6^6, 4^2, 3^3, 2^8\})$	1398016
12	$\mathcal{O}(0; \{12^6, 6^6, 4^2, 3^6, 2^4\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^6, 4^2, 3^9\})$	89478400
12	$\mathcal{O}(0; \{12^6, 6^6, 4^4, 2^9\})$	699392
12	$\mathcal{O}(0; \{12^6, 6^6, 4^4, 3^3, 2^5\})$	5592064
12	$\mathcal{O}(0; \{12^6, 6^6, 4^4, 3^6, 2\})$	44739584
12	$\mathcal{O}(0; \{12^6, 6^6, 4^6, 2^6\})$	2797568
12	$\mathcal{O}(0; \{12^6, 6^6, 4^6, 3^3, 2^2\})$	22368256
12	$\mathcal{O}(0; \{12^6, 6^6, 4^8, 2^3\})$	11190272
12	$\mathcal{O}(0; \{12^6, 6^6, 4^{10}\})$	44761088
12	$\mathcal{O}(0; \{12^6, 6^7, 3, 2^{12}\})$	174784
12	$\mathcal{O}(0; \{12^6, 6^7, 3^4, 2^8\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6^7, 3^7, 2^4\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^7, 3^{10}\})$	89478464
12	$\mathcal{O}(0; \{12^6, 6^7, 4^2, 3, 2^9\})$	699136
12	$\mathcal{O}(0; \{12^6, 6^7, 4^2, 3^4, 2^5\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6^7, 4^2, 3^7, 2\})$	44739328
12	$\mathcal{O}(0; \{12^6, 6^7, 4^4, 3, 2^6\})$	2796544
12	$\mathcal{O}(0; \{12^6, 6^7, 4^4, 3^4, 2^2\})$	22369280
12	$\mathcal{O}(0; \{12^6, 6^7, 4^6, 3, 2^3\})$	11186176

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6^7, 4^8, 3\})$	44744704
12	$\mathcal{O}(0; \{12^6, 6^8, 3^2, 2^9\})$	699072
12	$\mathcal{O}(0; \{12^6, 6^8, 3^5, 2^5\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^8, 3^8, 2\})$	44739264
12	$\mathcal{O}(0; \{12^6, 6^8, 4^2, 3^2, 2^6\})$	2796288
12	$\mathcal{O}(0; \{12^6, 6^8, 4^2, 3^5, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^8, 4^4, 3^2, 2^3\})$	11185152
12	$\mathcal{O}(0; \{12^6, 6^8, 4^6, 3^2\})$	44740608
12	$\mathcal{O}(0; \{12^6, 6^9, 2^{10}\})$	349504
12	$\mathcal{O}(0; \{12^6, 6^9, 3^3, 2^6\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^9, 3^6, 2^2\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^9, 4^2, 2^7\})$	1398016
12	$\mathcal{O}(0; \{12^6, 6^9, 4^2, 3^3, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^9, 4^4, 2^4\})$	5592064
12	$\mathcal{O}(0; \{12^6, 6^9, 4^4, 3^3\})$	44739584
12	$\mathcal{O}(0; \{12^6, 6^9, 4^6, 2\})$	22368256
12	$\mathcal{O}(0; \{12^6, 6^{10}, 3, 2^7\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6^{10}, 3^4, 2^3\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^{10}, 4^2, 3, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6^{10}, 4^2, 3^4\})$	44739328
12	$\mathcal{O}(0; \{12^6, 6^{10}, 4^4, 3, 2\})$	22369280
12	$\mathcal{O}(0; \{12^6, 6^{11}, 3^2, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^{11}, 3^5\})$	44739264
12	$\mathcal{O}(0; \{12^6, 6^{11}, 4^2, 3^2, 2\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^{12}, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^{12}, 3^3, 2\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^{12}, 4^2, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^{13}, 3, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^{15}\})$	22369600
12	$\mathcal{O}(0; \{12^7, 4, 3^2, 2^{19}\})$	21760
12	$\mathcal{O}(0; \{12^7, 4, 3^5, 2^{15}\})$	174848
12	$\mathcal{O}(0; \{12^7, 4, 3^8, 2^{11}\})$	1398016
12	$\mathcal{O}(0; \{12^7, 4, 3^{11}, 2^7\})$	11184896
12	$\mathcal{O}(0; \{12^7, 4, 3^{14}, 2^3\})$	89478400
12	$\mathcal{O}(0; \{12^7, 4^3, 3^2, 2^{16}\})$	87040
12	$\mathcal{O}(0; \{12^7, 4^3, 3^5, 2^{12}\})$	699392
12	$\mathcal{O}(0; \{12^7, 4^3, 3^8, 2^8\})$	5592064
12	$\mathcal{O}(0; \{12^7, 4^3, 3^{11}, 2^4\})$	44739584
12	$\mathcal{O}(0; \{12^7, 4^3, 3^{14}\})$	357913600
12	$\mathcal{O}(0; \{12^7, 4^5, 3^2, 2^{13}\})$	348160
12	$\mathcal{O}(0; \{12^7, 4^5, 3^5, 2^9\})$	2797568
12	$\mathcal{O}(0; \{12^7, 4^5, 3^8, 2^5\})$	22368256
12	$\mathcal{O}(0; \{12^7, 4^5, 3^{11}, 2\})$	178958336

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^7, 4^7, 3^2, 2^{10}\})$	1392640
12	$\mathcal{O}(0; \{12^7, 4^7, 3^5, 2^6\})$	11190272
12	$\mathcal{O}(0; \{12^7, 4^7, 3^8, 2^2\})$	89473024
12	$\mathcal{O}(0; \{12^7, 4^9, 3^2, 2^7\})$	5570560
12	$\mathcal{O}(0; \{12^7, 4^9, 3^5, 2^3\})$	44761088
12	$\mathcal{O}(0; \{12^7, 4^{11}, 3^2, 2^4\})$	22282240
12	$\mathcal{O}(0; \{12^7, 4^{11}, 3^5\})$	179044352
12	$\mathcal{O}(0; \{12^7, 4^{13}, 3^2, 2\})$	89128960
12	$\mathcal{O}(0; \{12^7, 6, 4, 2^{20}\})$	11008
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^3, 2^{16}\})$	87296
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^6, 2^{12}\})$	699136
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^9, 2^8\})$	5592320
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^{12}, 2^4\})$	44739328
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^{15}\})$	357913856
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 2^{17}\})$	44032
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^3, 2^{13}\})$	349184
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^6, 2^9\})$	2796544
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^9, 2^5\})$	22369280
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^{12}, 2\})$	178957312
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 2^{14}\})$	176128
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 3^3, 2^{10}\})$	1396736
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 3^6, 2^6\})$	11186176
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 3^9, 2^2\})$	89477120
12	$\mathcal{O}(0; \{12^7, 6, 4^7, 2^{11}\})$	704512
12	$\mathcal{O}(0; \{12^7, 6, 4^7, 3^3, 2^7\})$	5586944
12	$\mathcal{O}(0; \{12^7, 6, 4^7, 3^6, 2^3\})$	44744704
12	$\mathcal{O}(0; \{12^7, 6, 4^9, 2^8\})$	2818048
12	$\mathcal{O}(0; \{12^7, 6, 4^9, 3^3, 2^4\})$	22347776
12	$\mathcal{O}(0; \{12^7, 6, 4^9, 3^6\})$	178978816
12	$\mathcal{O}(0; \{12^7, 6, 4^{11}, 2^5\})$	11272192
12	$\mathcal{O}(0; \{12^7, 6, 4^{11}, 3^3, 2\})$	89391104
12	$\mathcal{O}(0; \{12^7, 6, 4^{13}, 2^2\})$	45088768
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3, 2^{17}\})$	43776
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^4, 2^{13}\})$	349440
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^7, 2^9\})$	2796288
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^{10}, 2^5\})$	22369536
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^{13}, 2\})$	178957056
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3, 2^{14}\})$	175104
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3^4, 2^{10}\})$	1397760
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3^7, 2^6\})$	11185152
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3^{10}, 2^2\})$	89478144
12	$\mathcal{O}(0; \{12^7, 6^2, 4^5, 3, 2^{11}\})$	700416
12	$\mathcal{O}(0; \{12^7, 6^2, 4^5, 3^4, 2^7\})$	5591040

Continued on next page

Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^7, 6^2, 4^5, 3^7, 2^3\})$	44740608
12	$\mathcal{O}(0; \{12^7, 6^2, 4^7, 3, 2^8\})$	2801664
12	$\mathcal{O}(0; \{12^7, 6^2, 4^7, 3^4, 2^4\})$	22364160
12	$\mathcal{O}(0; \{12^7, 6^2, 4^7, 3^7\})$	178962432
12	$\mathcal{O}(0; \{12^7, 6^2, 4^9, 3, 2^5\})$	11206656
12	$\mathcal{O}(0; \{12^7, 6^2, 4^9, 3^4, 2\})$	89456640
12	$\mathcal{O}(0; \{12^7, 6^2, 4^{11}, 3, 2^2\})$	44826624
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^2, 2^{14}\})$	174848
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^5, 2^{10}\})$	1398016
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^8, 2^6\})$	11184896
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^{11}, 2^2\})$	89478400
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 3^2, 2^{11}\})$	699392
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 3^5, 2^7\})$	5592064
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 3^8, 2^3\})$	44739584
12	$\mathcal{O}(0; \{12^7, 6^3, 4^5, 3^2, 2^8\})$	2797568
12	$\mathcal{O}(0; \{12^7, 6^3, 4^5, 3^5, 2^4\})$	22368256
12	$\mathcal{O}(0; \{12^7, 6^3, 4^5, 3^8\})$	178958336
12	$\mathcal{O}(0; \{12^7, 6^3, 4^7, 3^2, 2^5\})$	11190272
12	$\mathcal{O}(0; \{12^7, 6^3, 4^7, 3^5, 2\})$	89473024
12	$\mathcal{O}(0; \{12^7, 6^3, 4^9, 3^2, 2^2\})$	44761088
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 2^{15}\})$	87296
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3^3, 2^{11}\})$	699136
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3^6, 2^7\})$	5592320
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3^9, 2^3\})$	44739328
12	$\mathcal{O}(0; \{12^7, 6^4, 4^3, 2^{12}\})$	349184
12	$\mathcal{O}(0; \{12^7, 6^4, 4^3, 3^3, 2^8\})$	2796544
12	$\mathcal{O}(0; \{12^7, 6^4, 4^3, 3^6, 2^4\})$	22369280
12	$\mathcal{O}(0; \{12^7, 6^4, 4^3, 3^9\})$	178957312
12	$\mathcal{O}(0; \{12^7, 6^4, 4^5, 2^9\})$	1396736
12	$\mathcal{O}(0; \{12^7, 6^4, 4^5, 3^3, 2^5\})$	11186176
12	$\mathcal{O}(0; \{12^7, 6^4, 4^5, 3^6, 2\})$	89477120
12	$\mathcal{O}(0; \{12^7, 6^4, 4^7, 2^6\})$	5586944
12	$\mathcal{O}(0; \{12^7, 6^4, 4^7, 3^3, 2^2\})$	44744704
12	$\mathcal{O}(0; \{12^7, 6^4, 4^9, 2^3\})$	22347776
12	$\mathcal{O}(0; \{12^7, 6^4, 4^{11}\})$	89391104
12	$\mathcal{O}(0; \{12^7, 6^5, 4, 3, 2^{12}\})$	349440
12	$\mathcal{O}(0; \{12^7, 6^5, 4, 3^4, 2^8\})$	2796288
12	$\mathcal{O}(0; \{12^7, 6^5, 4, 3^7, 2^4\})$	22369536
12	$\mathcal{O}(0; \{12^7, 6^5, 4, 3^{10}\})$	178957056
12	$\mathcal{O}(0; \{12^7, 6^5, 4^3, 3, 2^9\})$	1397760
12	$\mathcal{O}(0; \{12^7, 6^5, 4^3, 3^4, 2^5\})$	11185152
12	$\mathcal{O}(0; \{12^7, 6^5, 4^3, 3^7, 2\})$	89478144
12	$\mathcal{O}(0; \{12^7, 6^5, 4^5, 3, 2^6\})$	5591040

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^7, 6^5, 4^5, 3^4, 2^2\})$	44740608
12	$\mathcal{O}(0; \{12^7, 6^5, 4^7, 3, 2^3\})$	22364160
12	$\mathcal{O}(0; \{12^7, 6^5, 4^9, 3\})$	89456640
12	$\mathcal{O}(0; \{12^7, 6^6, 4, 3^2, 2^9\})$	1398016
12	$\mathcal{O}(0; \{12^7, 6^6, 4, 3^5, 2^5\})$	11184896
12	$\mathcal{O}(0; \{12^7, 6^6, 4, 3^8, 2\})$	89478400
12	$\mathcal{O}(0; \{12^7, 6^6, 4^3, 3^2, 2^6\})$	5592064
12	$\mathcal{O}(0; \{12^7, 6^6, 4^3, 3^5, 2^2\})$	44739584
12	$\mathcal{O}(0; \{12^7, 6^6, 4^5, 3^2, 2^3\})$	22368256
12	$\mathcal{O}(0; \{12^7, 6^6, 4^7, 3^2\})$	89473024
12	$\mathcal{O}(0; \{12^7, 6^7, 4, 2^{10}\})$	699136
12	$\mathcal{O}(0; \{12^7, 6^7, 4, 3^3, 2^6\})$	5592320
12	$\mathcal{O}(0; \{12^7, 6^7, 4, 3^6, 2^2\})$	44739328
12	$\mathcal{O}(0; \{12^7, 6^7, 4^3, 2^7\})$	2796544
12	$\mathcal{O}(0; \{12^7, 6^7, 4^3, 3^3, 2^3\})$	22369280
12	$\mathcal{O}(0; \{12^7, 6^7, 4^5, 2^4\})$	11186176
12	$\mathcal{O}(0; \{12^7, 6^7, 4^5, 3^3\})$	89477120
12	$\mathcal{O}(0; \{12^7, 6^7, 4^7, 2\})$	44744704
12	$\mathcal{O}(0; \{12^7, 6^8, 4, 3, 2^7\})$	2796288
12	$\mathcal{O}(0; \{12^7, 6^8, 4, 3^4, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^7, 6^8, 4^3, 3, 2^4\})$	11185152
12	$\mathcal{O}(0; \{12^7, 6^8, 4^3, 3^4\})$	89478144
12	$\mathcal{O}(0; \{12^7, 6^8, 4^5, 3, 2\})$	44740608
12	$\mathcal{O}(0; \{12^7, 6^9, 4, 3^2, 2^4\})$	11184896
12	$\mathcal{O}(0; \{12^7, 6^9, 4, 3^5\})$	89478400
12	$\mathcal{O}(0; \{12^7, 6^9, 4^3, 3^2, 2\})$	44739584
12	$\mathcal{O}(0; \{12^7, 6^{10}, 4, 2^5\})$	5592320
12	$\mathcal{O}(0; \{12^7, 6^{10}, 4, 3^3, 2\})$	44739328
12	$\mathcal{O}(0; \{12^7, 6^{10}, 4^3, 2^2\})$	22369280
12	$\mathcal{O}(0; \{12^7, 6^{11}, 4, 3, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^7, 6^{13}, 4\})$	44739328
12	$\mathcal{O}(0; \{12^8, 3, 2^{20}\})$	21760
12	$\mathcal{O}(0; \{12^8, 3^4, 2^{16}\})$	174848
12	$\mathcal{O}(0; \{12^8, 3^7, 2^{12}\})$	1398016
12	$\mathcal{O}(0; \{12^8, 3^{10}, 2^8\})$	11184896
12	$\mathcal{O}(0; \{12^8, 3^{13}, 2^4\})$	89478400
12	$\mathcal{O}(0; \{12^8, 3^{16}\})$	715827968
12	$\mathcal{O}(0; \{12^8, 4^2, 3, 2^{17}\})$	87040
12	$\mathcal{O}(0; \{12^8, 4^2, 3^4, 2^{13}\})$	699392
12	$\mathcal{O}(0; \{12^8, 4^2, 3^7, 2^9\})$	5592064
12	$\mathcal{O}(0; \{12^8, 4^2, 3^{10}, 2^5\})$	44739584
12	$\mathcal{O}(0; \{12^8, 4^2, 3^{13}, 2\})$	357913600
12	$\mathcal{O}(0; \{12^8, 4^4, 3, 2^{14}\})$	348160

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^8, 4^4, 3^4, 2^{10}\})$	2797568
12	$\mathcal{O}(0; \{12^8, 4^4, 3^7, 2^6\})$	22368256
12	$\mathcal{O}(0; \{12^8, 4^4, 3^{10}, 2^2\})$	178958336
12	$\mathcal{O}(0; \{12^8, 4^6, 3, 2^{11}\})$	1392640
12	$\mathcal{O}(0; \{12^8, 4^6, 3^4, 2^7\})$	11190272
12	$\mathcal{O}(0; \{12^8, 4^6, 3^7, 2^3\})$	89473024
12	$\mathcal{O}(0; \{12^8, 4^8, 3, 2^8\})$	5570560
12	$\mathcal{O}(0; \{12^8, 4^8, 3^4, 2^4\})$	44761088
12	$\mathcal{O}(0; \{12^8, 4^8, 3^7\})$	357892096
12	$\mathcal{O}(0; \{12^8, 4^{10}, 3, 2^5\})$	22282240
12	$\mathcal{O}(0; \{12^8, 4^{10}, 3^4, 2\})$	179044352
12	$\mathcal{O}(0; \{12^8, 4^{12}, 3, 2^2\})$	89128960
12	$\mathcal{O}(0; \{12^8, 6, 3^2, 2^{17}\})$	87296
12	$\mathcal{O}(0; \{12^8, 6, 3^5, 2^{13}\})$	699136
12	$\mathcal{O}(0; \{12^8, 6, 3^8, 2^9\})$	5592320
12	$\mathcal{O}(0; \{12^8, 6, 3^{11}, 2^5\})$	44739328
12	$\mathcal{O}(0; \{12^8, 6, 3^{14}, 2\})$	357913856
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^2, 2^{14}\})$	349184
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^5, 2^{10}\})$	2796544
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^8, 2^6\})$	22369280
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^{11}, 2^2\})$	178957312
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 3^2, 2^{11}\})$	1396736
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 3^5, 2^7\})$	11186176
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 3^8, 2^3\})$	89477120
12	$\mathcal{O}(0; \{12^8, 6, 4^6, 3^2, 2^8\})$	5586944
12	$\mathcal{O}(0; \{12^8, 6, 4^6, 3^5, 2^4\})$	44744704
12	$\mathcal{O}(0; \{12^8, 6, 4^6, 3^8\})$	357908480
12	$\mathcal{O}(0; \{12^8, 6, 4^8, 3^2, 2^5\})$	22347776
12	$\mathcal{O}(0; \{12^8, 6, 4^8, 3^5, 2\})$	178978816
12	$\mathcal{O}(0; \{12^8, 6, 4^{10}, 3^2, 2^2\})$	89391104
12	$\mathcal{O}(0; \{12^8, 6^2, 2^{18}\})$	43776
12	$\mathcal{O}(0; \{12^8, 6^2, 3^3, 2^{14}\})$	349440
12	$\mathcal{O}(0; \{12^8, 6^2, 3^6, 2^{10}\})$	2796288
12	$\mathcal{O}(0; \{12^8, 6^2, 3^9, 2^6\})$	22369536
12	$\mathcal{O}(0; \{12^8, 6^2, 3^{12}, 2^2\})$	178957056
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 2^{15}\})$	175104
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3^3, 2^{11}\})$	1397760
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3^6, 2^7\})$	11185152
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3^9, 2^3\})$	89478144
12	$\mathcal{O}(0; \{12^8, 6^2, 4^4, 2^{12}\})$	700416
12	$\mathcal{O}(0; \{12^8, 6^2, 4^4, 3^3, 2^8\})$	5591040
12	$\mathcal{O}(0; \{12^8, 6^2, 4^4, 3^6, 2^4\})$	44740608
12	$\mathcal{O}(0; \{12^8, 6^2, 4^4, 3^9\})$	357912576

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^8, 6^2, 4^6, 2^9\})$	2801664
12	$\mathcal{O}(0; \{12^8, 6^2, 4^6, 3^3, 2^5\})$	22364160
12	$\mathcal{O}(0; \{12^8, 6^2, 4^6, 3^6, 2\})$	178962432
12	$\mathcal{O}(0; \{12^8, 6^2, 4^8, 2^6\})$	11206656
12	$\mathcal{O}(0; \{12^8, 6^2, 4^8, 3^3, 2^2\})$	89456640
12	$\mathcal{O}(0; \{12^8, 6^2, 4^{10}, 2^3\})$	44826624
12	$\mathcal{O}(0; \{12^8, 6^2, 4^{12}\})$	179306496
12	$\mathcal{O}(0; \{12^8, 6^3, 3, 2^{15}\})$	174848
12	$\mathcal{O}(0; \{12^8, 6^3, 3^4, 2^{11}\})$	1398016
12	$\mathcal{O}(0; \{12^8, 6^3, 3^7, 2^7\})$	11184896
12	$\mathcal{O}(0; \{12^8, 6^3, 3^{10}, 2^3\})$	89478400
12	$\mathcal{O}(0; \{12^8, 6^3, 4^2, 3, 2^{12}\})$	699392
12	$\mathcal{O}(0; \{12^8, 6^3, 4^2, 3^4, 2^8\})$	5592064
12	$\mathcal{O}(0; \{12^8, 6^3, 4^2, 3^7, 2^4\})$	44739584
12	$\mathcal{O}(0; \{12^8, 6^3, 4^2, 3^{10}\})$	357913600
12	$\mathcal{O}(0; \{12^8, 6^3, 4^4, 3, 2^9\})$	2797568
12	$\mathcal{O}(0; \{12^8, 6^3, 4^4, 3^4, 2^5\})$	22368256
12	$\mathcal{O}(0; \{12^8, 6^3, 4^4, 3^7, 2\})$	178958336
12	$\mathcal{O}(0; \{12^8, 6^3, 4^6, 3, 2^6\})$	11190272
12	$\mathcal{O}(0; \{12^8, 6^3, 4^6, 3^4, 2^2\})$	89473024
12	$\mathcal{O}(0; \{12^8, 6^3, 4^8, 3, 2^3\})$	44761088
12	$\mathcal{O}(0; \{12^8, 6^3, 4^{10}, 3\})$	179044352
12	$\mathcal{O}(0; \{12^8, 6^4, 3^2, 2^{12}\})$	699136
12	$\mathcal{O}(0; \{12^8, 6^4, 3^5, 2^8\})$	5592320
12	$\mathcal{O}(0; \{12^8, 6^4, 3^8, 2^4\})$	44739328
12	$\mathcal{O}(0; \{12^8, 6^4, 3^{11}\})$	357913856
12	$\mathcal{O}(0; \{12^8, 6^4, 4^2, 3^2, 2^9\})$	2796544
12	$\mathcal{O}(0; \{12^8, 6^4, 4^2, 3^5, 2^5\})$	22369280
12	$\mathcal{O}(0; \{12^8, 6^4, 4^2, 3^8, 2\})$	178957312
12	$\mathcal{O}(0; \{12^8, 6^4, 4^4, 3^2, 2^6\})$	11186176
12	$\mathcal{O}(0; \{12^8, 6^4, 4^4, 3^5, 2^2\})$	89477120
12	$\mathcal{O}(0; \{12^8, 6^4, 4^6, 3^2, 2^3\})$	44744704
12	$\mathcal{O}(0; \{12^8, 6^4, 4^8, 3^2\})$	178978816
12	$\mathcal{O}(0; \{12^8, 6^5, 2^{13}\})$	349440
12	$\mathcal{O}(0; \{12^8, 6^5, 3^3, 2^9\})$	2796288
12	$\mathcal{O}(0; \{12^8, 6^5, 3^6, 2^5\})$	22369536
12	$\mathcal{O}(0; \{12^8, 6^5, 3^9, 2\})$	178957056
12	$\mathcal{O}(0; \{12^8, 6^5, 4^2, 2^{10}\})$	1397760
12	$\mathcal{O}(0; \{12^8, 6^5, 4^2, 3^3, 2^6\})$	11185152
12	$\mathcal{O}(0; \{12^8, 6^5, 4^2, 3^6, 2^2\})$	89478144
12	$\mathcal{O}(0; \{12^8, 6^5, 4^4, 2^7\})$	5591040
12	$\mathcal{O}(0; \{12^8, 6^5, 4^4, 3^3, 2^3\})$	44740608
12	$\mathcal{O}(0; \{12^8, 6^5, 4^6, 2^4\})$	22364160

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^8, 6^5, 4^6, 3^3\})$	178962432
12	$\mathcal{O}(0; \{12^8, 6^5, 4^8, 2\})$	89456640
12	$\mathcal{O}(0; \{12^8, 6^6, 3, 2^{10}\})$	1398016
12	$\mathcal{O}(0; \{12^8, 6^6, 3^4, 2^6\})$	11184896
12	$\mathcal{O}(0; \{12^8, 6^6, 3^7, 2^2\})$	89478400
12	$\mathcal{O}(0; \{12^8, 6^6, 4^2, 3, 2^7\})$	5592064
12	$\mathcal{O}(0; \{12^8, 6^6, 4^2, 3^4, 2^3\})$	44739584
12	$\mathcal{O}(0; \{12^8, 6^6, 4^4, 3, 2^4\})$	22368256
12	$\mathcal{O}(0; \{12^8, 6^6, 4^4, 3^4\})$	178958336
12	$\mathcal{O}(0; \{12^8, 6^6, 4^6, 3, 2\})$	89473024
12	$\mathcal{O}(0; \{12^8, 6^7, 3^2, 2^7\})$	5592320
12	$\mathcal{O}(0; \{12^8, 6^7, 3^5, 2^3\})$	44739328
12	$\mathcal{O}(0; \{12^8, 6^7, 4^2, 3^2, 2^4\})$	22369280
12	$\mathcal{O}(0; \{12^8, 6^7, 4^2, 3^5\})$	178957312
12	$\mathcal{O}(0; \{12^8, 6^7, 4^4, 3^2, 2\})$	89477120
12	$\mathcal{O}(0; \{12^8, 6^8, 2^8\})$	2796288
12	$\mathcal{O}(0; \{12^8, 6^8, 3^3, 2^4\})$	22369536
12	$\mathcal{O}(0; \{12^8, 6^8, 3^6\})$	178957056
12	$\mathcal{O}(0; \{12^8, 6^8, 4^2, 2^5\})$	11185152
12	$\mathcal{O}(0; \{12^8, 6^8, 4^2, 3^3, 2\})$	89478144
12	$\mathcal{O}(0; \{12^8, 6^8, 4^4, 2^2\})$	44740608
12	$\mathcal{O}(0; \{12^8, 6^9, 3, 2^5\})$	11184896
12	$\mathcal{O}(0; \{12^8, 6^9, 3^4, 2\})$	89478400
12	$\mathcal{O}(0; \{12^8, 6^9, 4^2, 3, 2^2\})$	44739584
12	$\mathcal{O}(0; \{12^8, 6^{10}, 3^2, 2^2\})$	44739328
12	$\mathcal{O}(0; \{12^8, 6^{11}, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^8, 6^{11}, 4^2\})$	89478144
12	$\mathcal{O}(0; \{12^8, 6^{12}, 3\})$	89478400
12	$\mathcal{O}(0; \{12^9, 4, 2^{18}\})$	87040
12	$\mathcal{O}(0; \{12^9, 4, 3^3, 2^{14}\})$	699392
12	$\mathcal{O}(0; \{12^9, 4, 3^6, 2^{10}\})$	5592064
12	$\mathcal{O}(0; \{12^9, 4, 3^9, 2^6\})$	44739584
12	$\mathcal{O}(0; \{12^9, 4, 3^{12}, 2^2\})$	357913600
12	$\mathcal{O}(0; \{12^9, 4^3, 2^{15}\})$	348160
12	$\mathcal{O}(0; \{12^9, 4^3, 3^3, 2^{11}\})$	2797568
12	$\mathcal{O}(0; \{12^9, 4^3, 3^6, 2^7\})$	22368256
12	$\mathcal{O}(0; \{12^9, 4^3, 3^9, 2^3\})$	178958336
12	$\mathcal{O}(0; \{12^9, 4^5, 2^{12}\})$	1392640
12	$\mathcal{O}(0; \{12^9, 4^5, 3^3, 2^8\})$	11190272
12	$\mathcal{O}(0; \{12^9, 4^5, 3^6, 2^4\})$	89473024
12	$\mathcal{O}(0; \{12^9, 4^5, 3^9\})$	715833344
12	$\mathcal{O}(0; \{12^9, 4^7, 2^9\})$	5570560
12	$\mathcal{O}(0; \{12^9, 4^7, 3^3, 2^5\})$	44761088

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^9, 4^7, 3^6, 2\})$	357892096
12	$\mathcal{O}(0; \{12^9, 4^9, 2^6\})$	22282240
12	$\mathcal{O}(0; \{12^9, 4^9, 3^3, 2^2\})$	179044352
12	$\mathcal{O}(0; \{12^9, 4^{11}, 2^3\})$	89128960
12	$\mathcal{O}(0; \{12^9, 4^{13}\})$	356515840
12	$\mathcal{O}(0; \{12^9, 6, 4, 3, 2^{15}\})$	349184
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^4, 2^{11}\})$	2796544
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^7, 2^7\})$	22369280
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^{10}, 2^3\})$	178957312
12	$\mathcal{O}(0; \{12^9, 6, 4^3, 3, 2^{12}\})$	1396736
12	$\mathcal{O}(0; \{12^9, 6, 4^3, 3^4, 2^8\})$	11186176
12	$\mathcal{O}(0; \{12^9, 6, 4^3, 3^7, 2^4\})$	89477120
12	$\mathcal{O}(0; \{12^9, 6, 4^3, 3^{10}\})$	715829248
12	$\mathcal{O}(0; \{12^9, 6, 4^5, 3, 2^9\})$	5586944
12	$\mathcal{O}(0; \{12^9, 6, 4^5, 3^4, 2^5\})$	44744704
12	$\mathcal{O}(0; \{12^9, 6, 4^5, 3^7, 2\})$	357908480
12	$\mathcal{O}(0; \{12^9, 6, 4^7, 3, 2^6\})$	22347776
12	$\mathcal{O}(0; \{12^9, 6, 4^7, 3^4, 2^2\})$	178978816
12	$\mathcal{O}(0; \{12^9, 6, 4^9, 3, 2^3\})$	89391104
12	$\mathcal{O}(0; \{12^9, 6, 4^{11}, 3\})$	357564416
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 3^2, 2^{12}\})$	1397760
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 3^5, 2^8\})$	11185152
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 3^8, 2^4\})$	89478144
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 3^{11}\})$	715828224
12	$\mathcal{O}(0; \{12^9, 6^2, 4^3, 3^2, 2^9\})$	5591040
12	$\mathcal{O}(0; \{12^9, 6^2, 4^3, 3^5, 2^5\})$	44740608
12	$\mathcal{O}(0; \{12^9, 6^2, 4^3, 3^8, 2\})$	357912576
12	$\mathcal{O}(0; \{12^9, 6^2, 4^5, 3^2, 2^6\})$	22364160
12	$\mathcal{O}(0; \{12^9, 6^2, 4^5, 3^5, 2^2\})$	178962432
12	$\mathcal{O}(0; \{12^9, 6^2, 4^7, 3^2, 2^3\})$	89456640
12	$\mathcal{O}(0; \{12^9, 6^2, 4^9, 3^2\})$	357826560
12	$\mathcal{O}(0; \{12^9, 6^3, 4, 2^{13}\})$	699392
12	$\mathcal{O}(0; \{12^9, 6^3, 4, 3^3, 2^9\})$	5592064
12	$\mathcal{O}(0; \{12^9, 6^3, 4, 3^6, 2^5\})$	44739584
12	$\mathcal{O}(0; \{12^9, 6^3, 4, 3^9, 2\})$	357913600
12	$\mathcal{O}(0; \{12^9, 6^3, 4^3, 2^{10}\})$	2797568
12	$\mathcal{O}(0; \{12^9, 6^3, 4^3, 3^3, 2^6\})$	22368256
12	$\mathcal{O}(0; \{12^9, 6^3, 4^3, 3^6, 2^2\})$	178958336
12	$\mathcal{O}(0; \{12^9, 6^3, 4^5, 2^7\})$	11190272
12	$\mathcal{O}(0; \{12^9, 6^3, 4^5, 3^3, 2^3\})$	89473024
12	$\mathcal{O}(0; \{12^9, 6^3, 4^7, 2^4\})$	44761088
12	$\mathcal{O}(0; \{12^9, 6^3, 4^7, 3^3\})$	357892096
12	$\mathcal{O}(0; \{12^9, 6^3, 4^9, 2\})$	179044352

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^9, 6^4, 4, 3, 2^{10}\})$	2796544
12	$\mathcal{O}(0; \{12^9, 6^4, 4, 3^4, 2^6\})$	22369280
12	$\mathcal{O}(0; \{12^9, 6^4, 4, 3^7, 2^2\})$	178957312
12	$\mathcal{O}(0; \{12^9, 6^4, 4^3, 3, 2^7\})$	11186176
12	$\mathcal{O}(0; \{12^9, 6^4, 4^3, 3^4, 2^3\})$	89477120
12	$\mathcal{O}(0; \{12^9, 6^4, 4^5, 3, 2^4\})$	44744704
12	$\mathcal{O}(0; \{12^9, 6^4, 4^5, 3^4\})$	357908480
12	$\mathcal{O}(0; \{12^9, 6^4, 4^7, 3, 2\})$	178978816
12	$\mathcal{O}(0; \{12^9, 6^5, 4, 3^2, 2^7\})$	11185152
12	$\mathcal{O}(0; \{12^9, 6^5, 4, 3^5, 2^3\})$	89478144
12	$\mathcal{O}(0; \{12^9, 6^5, 4^3, 3^2, 2^4\})$	44740608
12	$\mathcal{O}(0; \{12^9, 6^5, 4^3, 3^5\})$	357912576
12	$\mathcal{O}(0; \{12^9, 6^5, 4^5, 3^2, 2\})$	178962432
12	$\mathcal{O}(0; \{12^9, 6^6, 4, 2^8\})$	5592064
12	$\mathcal{O}(0; \{12^9, 6^6, 4, 3^3, 2^4\})$	44739584
12	$\mathcal{O}(0; \{12^9, 6^6, 4, 3^6\})$	357913600
12	$\mathcal{O}(0; \{12^9, 6^6, 4^3, 2^5\})$	22368256
12	$\mathcal{O}(0; \{12^9, 6^6, 4^3, 3^3, 2\})$	178958336
12	$\mathcal{O}(0; \{12^9, 6^6, 4^5, 2^2\})$	89473024
12	$\mathcal{O}(0; \{12^9, 6^7, 4, 3, 2^5\})$	22369280
12	$\mathcal{O}(0; \{12^9, 6^7, 4, 3^4, 2\})$	178957312
12	$\mathcal{O}(0; \{12^9, 6^7, 4^3, 3, 2^2\})$	89477120
12	$\mathcal{O}(0; \{12^9, 6^8, 4, 3^2, 2^2\})$	89478144
12	$\mathcal{O}(0; \{12^9, 6^9, 4, 2^3\})$	44739584
12	$\mathcal{O}(0; \{12^9, 6^9, 4^3\})$	178958336
12	$\mathcal{O}(0; \{12^9, 6^{10}, 4, 3\})$	178957312
12	$\mathcal{O}(0; \{12^{10}, 3^2, 2^{15}\})$	699392
12	$\mathcal{O}(0; \{12^{10}, 3^5, 2^{11}\})$	5592064
12	$\mathcal{O}(0; \{12^{10}, 3^8, 2^7\})$	44739584
12	$\mathcal{O}(0; \{12^{10}, 3^{11}, 2^3\})$	357913600
12	$\mathcal{O}(0; \{12^{10}, 4^2, 3^2, 2^{12}\})$	2797568
12	$\mathcal{O}(0; \{12^{10}, 4^2, 3^5, 2^8\})$	22368256
12	$\mathcal{O}(0; \{12^{10}, 4^2, 3^8, 2^4\})$	178958336
12	$\mathcal{O}(0; \{12^{10}, 4^2, 3^{11}\})$	1431654400
12	$\mathcal{O}(0; \{12^{10}, 4^4, 3^2, 2^9\})$	11190272
12	$\mathcal{O}(0; \{12^{10}, 4^4, 3^5, 2^5\})$	89473024
12	$\mathcal{O}(0; \{12^{10}, 4^4, 3^8, 2\})$	715833344
12	$\mathcal{O}(0; \{12^{10}, 4^6, 3^2, 2^6\})$	44761088
12	$\mathcal{O}(0; \{12^{10}, 4^6, 3^5, 2^2\})$	357892096
12	$\mathcal{O}(0; \{12^{10}, 4^8, 3^2, 2^3\})$	179044352
12	$\mathcal{O}(0; \{12^{10}, 4^{10}, 3^2\})$	716177408
12	$\mathcal{O}(0; \{12^{10}, 6, 2^{16}\})$	349184
12	$\mathcal{O}(0; \{12^{10}, 6, 3^3, 2^{12}\})$	2796544

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{10}, 6, 3^6, 2^8\})$	22369280
12	$\mathcal{O}(0; \{12^{10}, 6, 3^9, 2^4\})$	178957312
12	$\mathcal{O}(0; \{12^{10}, 6, 3^{12}\})$	1431655424
12	$\mathcal{O}(0; \{12^{10}, 6, 4^2, 2^{13}\})$	1396736
12	$\mathcal{O}(0; \{12^{10}, 6, 4^2, 3^3, 2^9\})$	11186176
12	$\mathcal{O}(0; \{12^{10}, 6, 4^2, 3^6, 2^5\})$	89477120
12	$\mathcal{O}(0; \{12^{10}, 6, 4^2, 3^9, 2\})$	715829248
12	$\mathcal{O}(0; \{12^{10}, 6, 4^4, 2^{10}\})$	5586944
12	$\mathcal{O}(0; \{12^{10}, 6, 4^4, 3^3, 2^6\})$	44744704
12	$\mathcal{O}(0; \{12^{10}, 6, 4^4, 3^6, 2^2\})$	357908480
12	$\mathcal{O}(0; \{12^{10}, 6, 4^6, 2^7\})$	22347776
12	$\mathcal{O}(0; \{12^{10}, 6, 4^6, 3^3, 2^3\})$	178978816
12	$\mathcal{O}(0; \{12^{10}, 6, 4^8, 2^4\})$	89391104
12	$\mathcal{O}(0; \{12^{10}, 6, 4^8, 3^3\})$	715915264
12	$\mathcal{O}(0; \{12^{10}, 6, 4^{10}, 2\})$	357564416
12	$\mathcal{O}(0; \{12^{10}, 6^2, 3, 2^{13}\})$	1397760
12	$\mathcal{O}(0; \{12^{10}, 6^2, 3^4, 2^9\})$	11185152
12	$\mathcal{O}(0; \{12^{10}, 6^2, 3^7, 2^5\})$	89478144
12	$\mathcal{O}(0; \{12^{10}, 6^2, 3^{10}, 2\})$	715828224
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^2, 3, 2^{10}\})$	5591040
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^2, 3^4, 2^6\})$	44740608
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^2, 3^7, 2^2\})$	357912576
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^4, 3, 2^7\})$	22364160
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^4, 3^4, 2^3\})$	178962432
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^6, 3, 2^4\})$	89456640
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^6, 3^4\})$	715849728
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^8, 3, 2\})$	357826560
12	$\mathcal{O}(0; \{12^{10}, 6^3, 3^2, 2^{10}\})$	5592064
12	$\mathcal{O}(0; \{12^{10}, 6^3, 3^5, 2^6\})$	44739584
12	$\mathcal{O}(0; \{12^{10}, 6^3, 3^8, 2^2\})$	357913600
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^2, 3^2, 2^7\})$	22368256
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^2, 3^5, 2^3\})$	178958336
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^4, 3^2, 2^4\})$	89473024
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^4, 3^5\})$	715833344
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^6, 3^2, 2\})$	357892096
12	$\mathcal{O}(0; \{12^{10}, 6^4, 2^{11}\})$	2796544
12	$\mathcal{O}(0; \{12^{10}, 6^4, 3^3, 2^7\})$	22369280
12	$\mathcal{O}(0; \{12^{10}, 6^4, 3^6, 2^3\})$	178957312
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^2, 2^8\})$	11186176
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^2, 3^3, 2^4\})$	89477120
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^2, 3^6\})$	715829248
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^4, 2^5\})$	44744704
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^4, 3^3, 2\})$	357908480

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^6, 2^2\})$	178978816
12	$\mathcal{O}(0; \{12^{10}, 6^5, 3, 2^8\})$	11185152
12	$\mathcal{O}(0; \{12^{10}, 6^5, 3^4, 2^4\})$	89478144
12	$\mathcal{O}(0; \{12^{10}, 6^5, 3^7\})$	715828224
12	$\mathcal{O}(0; \{12^{10}, 6^5, 4^2, 3, 2^5\})$	44740608
12	$\mathcal{O}(0; \{12^{10}, 6^5, 4^2, 3^4, 2\})$	357912576
12	$\mathcal{O}(0; \{12^{10}, 6^5, 4^4, 3, 2^2\})$	178962432
12	$\mathcal{O}(0; \{12^{10}, 6^6, 3^2, 2^5\})$	44739584
12	$\mathcal{O}(0; \{12^{10}, 6^6, 3^5, 2\})$	357913600
12	$\mathcal{O}(0; \{12^{10}, 6^6, 4^2, 3^2, 2^2\})$	178958336
12	$\mathcal{O}(0; \{12^{10}, 6^7, 2^6\})$	22369280
12	$\mathcal{O}(0; \{12^{10}, 6^7, 3^3, 2^2\})$	178957312
12	$\mathcal{O}(0; \{12^{10}, 6^7, 4^2, 2^3\})$	89477120
12	$\mathcal{O}(0; \{12^{10}, 6^7, 4^4\})$	357908480
12	$\mathcal{O}(0; \{12^{10}, 6^8, 3, 2^3\})$	89478144
12	$\mathcal{O}(0; \{12^{10}, 6^8, 4^2, 3\})$	357912576
12	$\mathcal{O}(0; \{12^{10}, 6^9, 3^2\})$	357913600
12	$\mathcal{O}(0; \{12^{10}, 6^{10}, 2\})$	178957312
12	$\mathcal{O}(0; \{12^{11}, 4, 3, 2^{13}\})$	2797568
12	$\mathcal{O}(0; \{12^{11}, 4, 3^4, 2^9\})$	22368256
12	$\mathcal{O}(0; \{12^{11}, 4, 3^7, 2^5\})$	178958336
12	$\mathcal{O}(0; \{12^{11}, 4, 3^{10}, 2\})$	1431654400
12	$\mathcal{O}(0; \{12^{11}, 4^3, 3, 2^{10}\})$	11190272
12	$\mathcal{O}(0; \{12^{11}, 4^3, 3^4, 2^6\})$	89473024
12	$\mathcal{O}(0; \{12^{11}, 4^3, 3^7, 2^2\})$	715833344
12	$\mathcal{O}(0; \{12^{11}, 4^5, 3, 2^7\})$	44761088
12	$\mathcal{O}(0; \{12^{11}, 4^5, 3^4, 2^3\})$	357892096
12	$\mathcal{O}(0; \{12^{11}, 4^7, 3, 2^4\})$	179044352
12	$\mathcal{O}(0; \{12^{11}, 4^7, 3^4\})$	1431568384
12	$\mathcal{O}(0; \{12^{11}, 4^9, 3, 2\})$	716177408
12	$\mathcal{O}(0; \{12^{11}, 6, 4, 3^2, 2^{10}\})$	11186176
12	$\mathcal{O}(0; \{12^{11}, 6, 4, 3^5, 2^6\})$	89477120
12	$\mathcal{O}(0; \{12^{11}, 6, 4, 3^8, 2^2\})$	715829248
12	$\mathcal{O}(0; \{12^{11}, 6, 4^3, 3^2, 2^7\})$	44744704
12	$\mathcal{O}(0; \{12^{11}, 6, 4^3, 3^5, 2^3\})$	357908480
12	$\mathcal{O}(0; \{12^{11}, 6, 4^5, 3^2, 2^4\})$	178978816
12	$\mathcal{O}(0; \{12^{11}, 6, 4^5, 3^5\})$	1431633920
12	$\mathcal{O}(0; \{12^{11}, 6, 4^7, 3^2, 2\})$	715915264
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4, 2^{11}\})$	5591040
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4, 3^3, 2^7\})$	44740608
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4, 3^6, 2^3\})$	357912576
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^3, 2^8\})$	22364160
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^3, 3^3, 2^4\})$	178962432

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^3, 3^6\})$	1431650304
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^5, 2^5\})$	89456640
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^5, 3^3, 2\})$	715849728
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^7, 2^2\})$	357826560
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4, 3, 2^8\})$	22368256
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4, 3^4, 2^4\})$	178958336
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4, 3^7\})$	1431654400
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4^3, 3, 2^5\})$	89473024
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4^3, 3^4, 2\})$	715833344
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4^5, 3, 2^2\})$	357892096
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4, 3^2, 2^5\})$	89477120
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4, 3^5, 2\})$	715829248
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4^3, 3^2, 2^2\})$	357908480
12	$\mathcal{O}(0; \{12^{11}, 6^5, 4, 2^6\})$	44740608
12	$\mathcal{O}(0; \{12^{11}, 6^5, 4, 3^3, 2^2\})$	357912576
12	$\mathcal{O}(0; \{12^{11}, 6^5, 4^3, 2^3\})$	178962432
12	$\mathcal{O}(0; \{12^{11}, 6^5, 4^5\})$	715849728
12	$\mathcal{O}(0; \{12^{11}, 6^6, 4, 3, 2^3\})$	178958336
12	$\mathcal{O}(0; \{12^{11}, 6^6, 4^3, 3\})$	715833344
12	$\mathcal{O}(0; \{12^{11}, 6^7, 4, 3^2\})$	715829248
12	$\mathcal{O}(0; \{12^{11}, 6^8, 4, 2\})$	357912576
12	$\mathcal{O}(0; \{12^{12}, 2^{14}\})$	2797568
12	$\mathcal{O}(0; \{12^{12}, 3^3, 2^{10}\})$	22368256
12	$\mathcal{O}(0; \{12^{12}, 3^6, 2^6\})$	178958336
12	$\mathcal{O}(0; \{12^{12}, 3^9, 2^2\})$	1431654400
12	$\mathcal{O}(0; \{12^{12}, 4^2, 2^{11}\})$	11190272
12	$\mathcal{O}(0; \{12^{12}, 4^2, 3^3, 2^7\})$	89473024
12	$\mathcal{O}(0; \{12^{12}, 4^2, 3^6, 2^3\})$	715833344
12	$\mathcal{O}(0; \{12^{12}, 4^4, 2^8\})$	44761088
12	$\mathcal{O}(0; \{12^{12}, 4^4, 3^3, 2^4\})$	357892096
12	$\mathcal{O}(0; \{12^{12}, 4^4, 3^6\})$	2863333376
12	$\mathcal{O}(0; \{12^{12}, 4^6, 2^5\})$	179044352
12	$\mathcal{O}(0; \{12^{12}, 4^6, 3^3, 2\})$	1431568384
12	$\mathcal{O}(0; \{12^{12}, 4^8, 2^2\})$	716177408
12	$\mathcal{O}(0; \{12^{12}, 6, 3, 2^{11}\})$	11186176
12	$\mathcal{O}(0; \{12^{12}, 6, 3^4, 2^7\})$	89477120
12	$\mathcal{O}(0; \{12^{12}, 6, 3^7, 2^3\})$	715829248
12	$\mathcal{O}(0; \{12^{12}, 6, 4^2, 3, 2^8\})$	44744704
12	$\mathcal{O}(0; \{12^{12}, 6, 4^2, 3^4, 2^4\})$	357908480
12	$\mathcal{O}(0; \{12^{12}, 6, 4^2, 3^7\})$	2863316992
12	$\mathcal{O}(0; \{12^{12}, 6, 4^4, 3, 2^5\})$	178978816
12	$\mathcal{O}(0; \{12^{12}, 6, 4^4, 3^4, 2\})$	1431633920
12	$\mathcal{O}(0; \{12^{12}, 6, 4^6, 3, 2^2\})$	715915264

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{12}, 6^2, 3^2, 2^8\})$	44740608
12	$\mathcal{O}(0; \{12^{12}, 6^2, 3^5, 2^4\})$	357912576
12	$\mathcal{O}(0; \{12^{12}, 6^2, 3^8\})$	2863312896
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^2, 3^2, 2^5\})$	178962432
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^2, 3^5, 2\})$	1431650304
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^4, 3^2, 2^2\})$	715849728
12	$\mathcal{O}(0; \{12^{12}, 6^3, 2^9\})$	22368256
12	$\mathcal{O}(0; \{12^{12}, 6^3, 3^3, 2^5\})$	178958336
12	$\mathcal{O}(0; \{12^{12}, 6^3, 3^6, 2\})$	1431654400
12	$\mathcal{O}(0; \{12^{12}, 6^3, 4^2, 2^6\})$	89473024
12	$\mathcal{O}(0; \{12^{12}, 6^3, 4^2, 3^3, 2^2\})$	715833344
12	$\mathcal{O}(0; \{12^{12}, 6^3, 4^4, 2^3\})$	357892096
12	$\mathcal{O}(0; \{12^{12}, 6^3, 4^6\})$	1431568384
12	$\mathcal{O}(0; \{12^{12}, 6^4, 3, 2^6\})$	89477120
12	$\mathcal{O}(0; \{12^{12}, 6^4, 3^4, 2^2\})$	715829248
12	$\mathcal{O}(0; \{12^{12}, 6^4, 4^2, 3, 2^3\})$	357908480
12	$\mathcal{O}(0; \{12^{12}, 6^4, 4^4, 3\})$	1431633920
12	$\mathcal{O}(0; \{12^{12}, 6^5, 3^2, 2^3\})$	357912576
12	$\mathcal{O}(0; \{12^{12}, 6^5, 4^2, 3^2\})$	1431650304
12	$\mathcal{O}(0; \{12^{12}, 6^6, 2^4\})$	178958336
12	$\mathcal{O}(0; \{12^{12}, 6^6, 3^3\})$	1431654400
12	$\mathcal{O}(0; \{12^{12}, 6^6, 4^2, 2\})$	715833344
12	$\mathcal{O}(0; \{12^{12}, 6^7, 3, 2\})$	715829248
12	$\mathcal{O}(0; \{12^{13}, 4, 3^2, 2^8\})$	89473024
12	$\mathcal{O}(0; \{12^{13}, 4, 3^5, 2^4\})$	715833344
12	$\mathcal{O}(0; \{12^{13}, 4, 3^8\})$	5726617600
12	$\mathcal{O}(0; \{12^{13}, 4^3, 3^2, 2^5\})$	357892096
12	$\mathcal{O}(0; \{12^{13}, 4^3, 3^5, 2\})$	2863333376
12	$\mathcal{O}(0; \{12^{13}, 4^5, 3^2, 2^2\})$	1431568384
12	$\mathcal{O}(0; \{12^{13}, 6, 4, 2^9\})$	44744704
12	$\mathcal{O}(0; \{12^{13}, 6, 4, 3^3, 2^5\})$	357908480
12	$\mathcal{O}(0; \{12^{13}, 6, 4, 3^6, 2\})$	2863316992
12	$\mathcal{O}(0; \{12^{13}, 6, 4^3, 2^6\})$	178978816
12	$\mathcal{O}(0; \{12^{13}, 6, 4^3, 3^3, 2^2\})$	1431633920
12	$\mathcal{O}(0; \{12^{13}, 6, 4^5, 2^3\})$	715915264
12	$\mathcal{O}(0; \{12^{13}, 6, 4^7\})$	2863661056
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4, 3, 2^6\})$	178962432
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4, 3^4, 2^2\})$	1431650304
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4^3, 3, 2^3\})$	715849728
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4^5, 3\})$	2863398912
12	$\mathcal{O}(0; \{12^{13}, 6^3, 4, 3^2, 2^3\})$	715833344
12	$\mathcal{O}(0; \{12^{13}, 6^3, 4^3, 3^2\})$	2863333376
12	$\mathcal{O}(0; \{12^{13}, 6^4, 4, 2^4\})$	357908480

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{13}, 6^4, 4, 3^3\})$	2863316992
12	$\mathcal{O}(0; \{12^{13}, 6^4, 4^3, 2\})$	1431633920
12	$\mathcal{O}(0; \{12^{13}, 6^5, 4, 3, 2\})$	1431650304
12	$\mathcal{O}(0; \{12^{14}, 3, 2^9\})$	89473024
12	$\mathcal{O}(0; \{12^{14}, 3^4, 2^5\})$	715833344
12	$\mathcal{O}(0; \{12^{14}, 3^7, 2\})$	5726617600
12	$\mathcal{O}(0; \{12^{14}, 4^2, 3, 2^6\})$	357892096
12	$\mathcal{O}(0; \{12^{14}, 4^2, 3^4, 2^2\})$	2863333376
12	$\mathcal{O}(0; \{12^{14}, 4^4, 3, 2^3\})$	1431568384
12	$\mathcal{O}(0; \{12^{14}, 4^6, 3\})$	5726273536
12	$\mathcal{O}(0; \{12^{14}, 6, 3^2, 2^6\})$	357908480
12	$\mathcal{O}(0; \{12^{14}, 6, 3^5, 2^2\})$	2863316992
12	$\mathcal{O}(0; \{12^{14}, 6, 4^2, 3^2, 2^3\})$	1431633920
12	$\mathcal{O}(0; \{12^{14}, 6, 4^4, 3^2\})$	5726535680
12	$\mathcal{O}(0; \{12^{14}, 6^2, 2^7\})$	178962432
12	$\mathcal{O}(0; \{12^{14}, 6^2, 3^3, 2^3\})$	1431650304
12	$\mathcal{O}(0; \{12^{14}, 6^2, 4^2, 2^4\})$	715849728
12	$\mathcal{O}(0; \{12^{14}, 6^2, 4^2, 3^3\})$	5726601216
12	$\mathcal{O}(0; \{12^{14}, 6^2, 4^4, 2\})$	2863398912
12	$\mathcal{O}(0; \{12^{14}, 6^3, 3, 2^4\})$	715833344
12	$\mathcal{O}(0; \{12^{14}, 6^3, 3^4\})$	5726617600
12	$\mathcal{O}(0; \{12^{14}, 6^3, 4^2, 3, 2\})$	2863333376
12	$\mathcal{O}(0; \{12^{14}, 6^4, 3^2, 2\})$	2863316992
12	$\mathcal{O}(0; \{12^{14}, 6^5, 2^2\})$	1431650304
12	$\mathcal{O}(0; \{12^{15}, 4, 2^7\})$	357892096
12	$\mathcal{O}(0; \{12^{15}, 4, 3^3, 2^3\})$	2863333376
12	$\mathcal{O}(0; \{12^{15}, 4^3, 2^4\})$	1431568384
12	$\mathcal{O}(0; \{12^{15}, 4^3, 3^3\})$	11453333504
12	$\mathcal{O}(0; \{12^{15}, 4^5, 2\})$	5726273536
12	$\mathcal{O}(0; \{12^{15}, 6, 4, 3, 2^4\})$	1431633920
12	$\mathcal{O}(0; \{12^{15}, 6, 4, 3^4\})$	11453267968
12	$\mathcal{O}(0; \{12^{15}, 6, 4^3, 3, 2\})$	5726535680
12	$\mathcal{O}(0; \{12^{15}, 6^2, 4, 3^2, 2\})$	5726601216
12	$\mathcal{O}(0; \{12^{15}, 6^3, 4, 2^2\})$	2863333376
12	$\mathcal{O}(0; \{12^{16}, 3^2, 2^4\})$	2863333376
12	$\mathcal{O}(0; \{12^{16}, 3^5\})$	22906470400
12	$\mathcal{O}(0; \{12^{16}, 4^2, 3^2, 2\})$	11453333504
12	$\mathcal{O}(0; \{12^{16}, 6, 2^5\})$	1431633920
12	$\mathcal{O}(0; \{12^{16}, 6, 3^3, 2\})$	11453267968
12	$\mathcal{O}(0; \{12^{16}, 6, 4^2, 2^2\})$	5726535680
12	$\mathcal{O}(0; \{12^{16}, 6^2, 3, 2^2\})$	5726601216
12	$\mathcal{O}(0; \{12^{16}, 6^4\})$	11453267968
12	$\mathcal{O}(0; \{12^{17}, 4, 3, 2^2\})$	11453333504

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{17}, 6^2, 4\})$	22906404864
12	$\mathcal{O}(0; \{12^{18}, 2^3\})$	11453333504
12	$\mathcal{O}(0; \{12^{18}, 4^2\})$	45813334016
12	$\mathcal{O}(0; \{12^{18}, 6, 3\})$	45813071872
13	$\mathcal{O}(7; \{13^3\})$	519733682912306148
13	$\mathcal{O}(1; \{13^{16}\})$	2403495365635473564
14	$\mathcal{O}(7; \{7^2\})$	66667971614911002
14	$\mathcal{O}(6; \{7^2, 2^4\})$	340163474251776
14	$\mathcal{O}(6; \{14^2, 7, 2^2\})$	1700817371258880
14	$\mathcal{O}(6; \{14^4\})$	10545067701805056
14	$\mathcal{O}(5; \{7^2, 2^8\})$	1735527929856
14	$\mathcal{O}(5; \{14, 7^5, 2\})$	1928171530070016
14	$\mathcal{O}(5; \{14^2, 7, 2^6\})$	8677639649280
14	$\mathcal{O}(5; \{14^4, 2^4\})$	53801365825536
14	$\mathcal{O}(4; \{7^2, 2^{12}\})$	8854734336
14	$\mathcal{O}(4; \{7^9\})$	2116349819195850
14	$\mathcal{O}(4; \{14, 7^5, 2^5\})$	9837609847296
14	$\mathcal{O}(4; \{14^2, 7, 2^{10}\})$	44273671680
14	$\mathcal{O}(4; \{14^3, 7^4, 2^3\})$	59016804349440
14	$\mathcal{O}(4; \{14^4, 2^8\})$	274496764416
14	$\mathcal{O}(4; \{14^5, 7^3, 2\})$	354109680830976
14	$\mathcal{O}(3; \{7^2, 2^{16}\})$	45177216
14	$\mathcal{O}(3; \{7^9, 2^4\})$	10840047093120
14	$\mathcal{O}(3; \{14, 7^5, 2^9\})$	50191886976
14	$\mathcal{O}(3; \{14^2, 7, 2^{14}\})$	225886080
14	$\mathcal{O}(3; \{14^2, 7^8, 2^2\})$	65040327735936
14	$\mathcal{O}(3; \{14^3, 7^4, 2^7\})$	301106144640
14	$\mathcal{O}(3; \{14^4, 2^{12}\})$	1400493696
14	$\mathcal{O}(3; \{14^4, 7^7\})$	390241921238400
14	$\mathcal{O}(3; \{14^5, 7^3, 2^5\})$	1806682045056
14	$\mathcal{O}(3; \{14^7, 7^2, 2^3\})$	10840047093120
14	$\mathcal{O}(3; \{14^9, 7, 2\})$	65040327735936
14	$\mathcal{O}(2; \{7^2, 2^{20}\})$	230496
14	$\mathcal{O}(2; \{7^9, 2^8\})$	55306362720
14	$\mathcal{O}(2; \{14, 7^5, 2^{13}\})$	256081056
14	$\mathcal{O}(2; \{14, 7^{12}, 2\})$	71677088726880
14	$\mathcal{O}(2; \{14^2, 7, 2^{18}\})$	1152480
14	$\mathcal{O}(2; \{14^2, 7^8, 2^6\})$	331838406816
14	$\mathcal{O}(2; \{14^3, 7^4, 2^{11}\})$	1536255840
14	$\mathcal{O}(2; \{14^4, 2^{16}\})$	7145376
14	$\mathcal{O}(2; \{14^4, 7^7, 2^4\})$	1991030210400
14	$\mathcal{O}(2; \{14^5, 7^3, 2^9\})$	9217765536
14	$\mathcal{O}(2; \{14^6, 7^6, 2^2\})$	11946181492896

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
14	$\mathcal{O}(2; \{14^7, 7^2, 2^7\})$	55306362720
14	$\mathcal{O}(2; \{14^8, 7^5\})$	71677088726880
14	$\mathcal{O}(2; \{14^9, 7, 2^5\})$	331838406816
14	$\mathcal{O}(2; \{14^{11}, 2^3\})$	1991030210400
14	$\mathcal{O}(1; \{7^2, 2^{24}\})$	1176
14	$\mathcal{O}(1; \{7^9, 2^{12}\})$	282175320
14	$\mathcal{O}(1; \{7^{16}\})$	59243308056702
14	$\mathcal{O}(1; \{14, 7^5, 2^{17}\})$	1306536
14	$\mathcal{O}(1; \{14, 7^{12}, 2^5\})$	365699432280
14	$\mathcal{O}(1; \{14^2, 7, 2^{22}\})$	5880
14	$\mathcal{O}(1; \{14^2, 7^8, 2^{10}\})$	1693053096
14	$\mathcal{O}(1; \{14^3, 7^4, 2^{15}\})$	7838040
14	$\mathcal{O}(1; \{14^3, 7^{11}, 2^3\})$	2194196594856
14	$\mathcal{O}(1; \{14^4, 2^{20}\})$	36456
14	$\mathcal{O}(1; \{14^4, 7^7, 2^8\})$	10158317400
14	$\mathcal{O}(1; \{14^5, 7^3, 2^{13}\})$	47029416
14	$\mathcal{O}(1; \{14^5, 7^{10}, 2\})$	13165179567960
14	$\mathcal{O}(1; \{14^6, 7^6, 2^6\})$	60949905576
14	$\mathcal{O}(1; \{14^7, 7^2, 2^{11}\})$	282175320
14	$\mathcal{O}(1; \{14^8, 7^5, 2^4\})$	365699432280
14	$\mathcal{O}(1; \{14^9, 7, 2^9\})$	1693053096
14	$\mathcal{O}(1; \{14^{10}, 7^4, 2^2\})$	2194196594856
14	$\mathcal{O}(1; \{14^{11}, 2^7\})$	10158317400
14	$\mathcal{O}(1; \{14^{12}, 7^3\})$	13165179567960
14	$\mathcal{O}(0; \{7^2, 2^{28}\})$	6
14	$\mathcal{O}(0; \{7^9, 2^{16}\})$	1439670
14	$\mathcal{O}(0; \{7^{16}, 2^4\})$	403015701066
14	$\mathcal{O}(0; \{14, 7^5, 2^{21}\})$	6666
14	$\mathcal{O}(0; \{14, 7^{12}, 2^9\})$	1865813430
14	$\mathcal{O}(0; \{14^2, 7, 2^{26}\})$	30
14	$\mathcal{O}(0; \{14^2, 7^8, 2^{14}\})$	8638026
14	$\mathcal{O}(0; \{14^2, 7^{15}, 2^2\})$	2418094206390
14	$\mathcal{O}(0; \{14^3, 7^4, 2^{19}\})$	39990
14	$\mathcal{O}(0; \{14^3, 7^{11}, 2^7\})$	11194880586
14	$\mathcal{O}(0; \{14^4, 2^{24}\})$	186
14	$\mathcal{O}(0; \{14^4, 7^7, 2^{12}\})$	51828150
14	$\mathcal{O}(0; \{14^4, 7^{14}\})$	14508565238346
14	$\mathcal{O}(0; \{14^5, 7^3, 2^{17}\})$	239946
14	$\mathcal{O}(0; \{14^5, 7^{10}, 2^5\})$	67169283510
14	$\mathcal{O}(0; \{14^6, 7^6, 2^{10}\})$	310968906
14	$\mathcal{O}(0; \{14^7, 7^2, 2^{15}\})$	1439670
14	$\mathcal{O}(0; \{14^7, 7^9, 2^3\})$	403015701066
14	$\mathcal{O}(0; \{14^8, 7^5, 2^8\})$	1865813430

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
14	$\mathcal{O}(0; \{14^9, 7, 2^{13}\})$	8638026
14	$\mathcal{O}(0; \{14^9, 7^8, 2\})$	2418094206390
14	$\mathcal{O}(0; \{14^{10}, 7^4, 2^6\})$	11194880586
14	$\mathcal{O}(0; \{14^{11}, 2^{11}\})$	51828150
14	$\mathcal{O}(0; \{14^{12}, 7^3, 2^4\})$	67169283510
14	$\mathcal{O}(0; \{14^{14}, 7^2, 2^2\})$	403015701066
14	$\mathcal{O}(0; \{14^{16}, 7\})$	2418094206390
15	$\mathcal{O}(6; \{15^3\})$	3113912109375000
15	$\mathcal{O}(5; \{5^6\})$	472845312500000
15	$\mathcal{O}(5; \{15, 5^4, 3\})$	235273359375000
15	$\mathcal{O}(5; \{15^2, 5^2, 3^2\})$	179914921875000
15	$\mathcal{O}(5; \{15^3, 3^3\})$	152235703125000
15	$\mathcal{O}(4; \{5^6, 3^3\})$	4203140625000
15	$\mathcal{O}(4; \{15, 5^4, 3^4\})$	5228296875000
15	$\mathcal{O}(4; \{15^2, 5^2, 3^5\})$	5597353125000
15	$\mathcal{O}(4; \{15^3, 3^6\})$	5228296875000
15	$\mathcal{O}(4; \{15^3, 5^5\})$	67188740625000
15	$\mathcal{O}(4; \{15^4, 5^3, 3\})$	83960296875000
15	$\mathcal{O}(4; \{15^5, 5, 3^2\})$	88265953125000
15	$\mathcal{O}(3; \{5^6, 3^6\})$	205486875000
15	$\mathcal{O}(3; \{5^{11}\})$	9542032500000
15	$\mathcal{O}(3; \{15, 5^4, 3^7\})$	199837125000
15	$\mathcal{O}(3; \{15, 5^9, 3\})$	4777592625000
15	$\mathcal{O}(3; \{15^2, 5^2, 3^8\})$	202570875000
15	$\mathcal{O}(3; \{15^2, 5^7, 3^2\})$	3583126125000
15	$\mathcal{O}(3; \{15^3, 3^9\})$	186715125000
15	$\mathcal{O}(3; \{15^3, 5^5, 3^3\})$	3284782875000
15	$\mathcal{O}(3; \{15^4, 5^3, 3^4\})$	3209149125000
15	$\mathcal{O}(3; \{15^5, 5, 3^5\})$	3194386875000
15	$\mathcal{O}(3; \{15^6, 5^4\})$	52553518875000
15	$\mathcal{O}(3; \{15^7, 5^2, 3\})$	51358141125000
15	$\mathcal{O}(3; \{15^8, 3^2\})$	51063442875000
15	$\mathcal{O}(2; \{5^6, 3^9\})$	7057125000
15	$\mathcal{O}(2; \{5^{11}, 3^3\})$	84934575000
15	$\mathcal{O}(2; \{15, 5^4, 3^{10}\})$	7043355000
15	$\mathcal{O}(2; \{15, 5^9, 3^4\})$	106168725000
15	$\mathcal{O}(2; \{15^2, 5^2, 3^{11}\})$	7186725000
15	$\mathcal{O}(2; \{15^2, 5^7, 3^5\})$	111475035000
15	$\mathcal{O}(2; \{15^3, 3^{12}\})$	6635115000
15	$\mathcal{O}(2; \{15^3, 5^5, 3^6\})$	112810725000
15	$\mathcal{O}(2; \{15^3, 5^{10}\})$	1358954415000
15	$\mathcal{O}(2; \{15^4, 5^3, 3^7\})$	113107995000
15	$\mathcal{O}(2; \{15^4, 5^8, 3\})$	1698693525000

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(2; \{15^5, 5, 3^8\})$	113329125000
15	$\mathcal{O}(2; \{15^5, 5^6, 3^2\})$	1783626075000
15	$\mathcal{O}(2; \{15^6, 5^4, 3^3\})$	1804868325000
15	$\mathcal{O}(2; \{15^7, 5^2, 3^4\})$	1810142235000
15	$\mathcal{O}(2; \{15^8, 3^5\})$	1811607525000
15	$\mathcal{O}(2; \{15^9, 5^3\})$	28877789925000
15	$\mathcal{O}(2; \{15^{10}, 5, 3\})$	28962690075000
15	$\mathcal{O}(1; \{5^6, 3^{12}\})$	252027000
15	$\mathcal{O}(1; \{5^{11}, 3^6\})$	4152357000
15	$\mathcal{O}(1; \{5^{16}\})$	171798692000
15	$\mathcal{O}(1; \{15, 5^4, 3^{13}\})$	250705800
15	$\mathcal{O}(1; \{15, 5^9, 3^7\})$	4058004600
15	$\mathcal{O}(1; \{15, 5^{14}, 3\})$	96636763800
15	$\mathcal{O}(1; \{15^2, 5^2, 3^{14}\})$	255598200
15	$\mathcal{O}(1; \{15^2, 5^7, 3^8\})$	4034334600
15	$\mathcal{O}(1; \{15^2, 5^{12}, 3^2\})$	72477574200
15	$\mathcal{O}(1; \{15^3, 3^{15}\})$	235931400
15	$\mathcal{O}(1; \{15^3, 5^5, 3^9\})$	4028743800
15	$\mathcal{O}(1; \{15^3, 5^{10}, 3^3\})$	66437771400
15	$\mathcal{O}(1; \{15^4, 5^3, 3^{10}\})$	4026040200
15	$\mathcal{O}(1; \{15^4, 5^8, 3^4\})$	64927841400
15	$\mathcal{O}(1; \{15^5, 5, 3^{11}\})$	4030587000
15	$\mathcal{O}(1; \{15^5, 5^6, 3^5\})$	64550277000
15	$\mathcal{O}(1; \{15^6, 5^4, 3^6\})$	64456212600
15	$\mathcal{O}(1; \{15^6, 5^9\})$	1063004401800
15	$\mathcal{O}(1; \{15^7, 5^2, 3^7\})$	64431390600
15	$\mathcal{O}(1; \{15^7, 5^7, 3\})$	1038845230200
15	$\mathcal{O}(1; \{15^8, 3^8\})$	64430407800
15	$\mathcal{O}(1; \{15^8, 5^5, 3^2\})$	1032805355400
15	$\mathcal{O}(1; \{15^9, 5^3, 3^3\})$	1031295713400
15	$\mathcal{O}(1; \{15^{10}, 5, 3^4\})$	1030916997000
15	$\mathcal{O}(1; \{15^{12}, 5^2\})$	16500727726200
15	$\mathcal{O}(1; \{15^{13}, 3\})$	16494686699400
15	$\mathcal{O}(0; \{5^6, 3^{15}\})$	8956040
15	$\mathcal{O}(0; \{5^{11}, 3^9\})$	142606200
15	$\mathcal{O}(0; \{5^{16}, 3^3\})$	1717986920
15	$\mathcal{O}(0; \{15, 5^4, 3^{16}\})$	8912760
15	$\mathcal{O}(0; \{15, 5^9, 3^{10}\})$	143026312
15	$\mathcal{O}(0; \{15, 5^{14}, 3^4\})$	2147483640
15	$\mathcal{O}(0; \{15^2, 5^2, 3^{17}\})$	9087624
15	$\mathcal{O}(0; \{15^2, 5^7, 3^{11}\})$	143128440
15	$\mathcal{O}(0; \{15^2, 5^{12}, 3^5\})$	2254857864
15	$\mathcal{O}(0; \{15^3, 3^{18}\})$	8388600

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(0; \{15^3, 5^5, 3^{12}\})$	143165576
15	$\mathcal{O}(0; \{15^3, 5^{10}, 3^6\})$	2281701240
15	$\mathcal{O}(0; \{15^3, 5^{15}\})$	27487790696
15	$\mathcal{O}(0; \{15^4, 5^3, 3^{13}\})$	143128440
15	$\mathcal{O}(0; \{15^4, 5^8, 3^7\})$	2288412808
15	$\mathcal{O}(0; \{15^4, 5^{13}, 3\})$	34359738360
15	$\mathcal{O}(0; \{15^5, 5, 3^{14}\})$	143304840
15	$\mathcal{O}(0; \{15^5, 5^6, 3^8\})$	2290087800
15	$\mathcal{O}(0; \{15^5, 5^{11}, 3^2\})$	36077725320
15	$\mathcal{O}(0; \{15^6, 5^4, 3^9\})$	2290518152
15	$\mathcal{O}(0; \{15^6, 5^9, 3^3\})$	36507221880
15	$\mathcal{O}(0; \{15^7, 5^2, 3^{10}\})$	2290579320
15	$\mathcal{O}(0; \{15^7, 5^7, 3^4\})$	36614596744
15	$\mathcal{O}(0; \{15^8, 3^{11}\})$	2290780296
15	$\mathcal{O}(0; \{15^8, 5^5, 3^5\})$	36641437560
15	$\mathcal{O}(0; \{15^9, 5^3, 3^6\})$	36648159368
15	$\mathcal{O}(0; \{15^9, 5^8\})$	584115552120
15	$\mathcal{O}(0; \{15^{10}, 5, 3^7\})$	36649793400
15	$\mathcal{O}(0; \{15^{10}, 5^6, 3\})$	585833539720
15	$\mathcal{O}(0; \{15^{11}, 5^4, 3^2\})$	586263033720
15	$\mathcal{O}(0; \{15^{12}, 5^2, 3^3\})$	586370418824
15	$\mathcal{O}(0; \{15^{13}, 3^4\})$	586397218680
15	$\mathcal{O}(0; \{15^{15}, 5\})$	9381926570120
16	$\mathcal{O}(7; \emptyset)$	72053195991416832
16	$\mathcal{O}(6; \{2^4\})$	281406257233920
16	$\mathcal{O}(6; \{4^2, 2\})$	562812514467840
16	$\mathcal{O}(5; \{2^8\})$	1098437885952
16	$\mathcal{O}(5; \{4^2, 2^5\})$	2196875771904
16	$\mathcal{O}(5; \{4^4, 2^2\})$	8787503087616
16	$\mathcal{O}(5; \{8^2, 4, 2^3\})$	8787503087616
16	$\mathcal{O}(5; \{8^2, 4^3\})$	35150012350464
16	$\mathcal{O}(5; \{8^4, 2\})$	70300024700928
16	$\mathcal{O}(5; \{16^2, 8, 4, 2\})$	70368744177664
16	$\mathcal{O}(4; \{2^{12}\})$	4278190080
16	$\mathcal{O}(4; \{4^2, 2^9\})$	8556380160
16	$\mathcal{O}(4; \{4^4, 2^6\})$	34225520640
16	$\mathcal{O}(4; \{4^6, 2^3\})$	136902082560
16	$\mathcal{O}(4; \{4^8\})$	547608330240
16	$\mathcal{O}(4; \{8^2, 4, 2^7\})$	34225520640
16	$\mathcal{O}(4; \{8^2, 4^3, 2^4\})$	136902082560
16	$\mathcal{O}(4; \{8^2, 4^5, 2\})$	547608330240
16	$\mathcal{O}(4; \{8^4, 2^5\})$	273804165120
16	$\mathcal{O}(4; \{8^4, 4^2, 2^2\})$	1095216660480

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(4; \{8^6, 4\})$	8761733283840
16	$\mathcal{O}(4; \{16^2, 8, 4, 2^5\})$	274877906944
16	$\mathcal{O}(4; \{16^2, 8, 4^3, 2^2\})$	1099511627776
16	$\mathcal{O}(4; \{16^2, 8^3, 2^3\})$	2199023255552
16	$\mathcal{O}(4; \{16^2, 8^3, 4^2\})$	8796093022208
16	$\mathcal{O}(4; \{16^4, 4, 2^3\})$	4398046511104
16	$\mathcal{O}(4; \{16^4, 4^3\})$	17592186044416
16	$\mathcal{O}(4; \{16^4, 8^2, 2\})$	35184372088832
16	$\mathcal{O}(3; \{2^{16}\})$	16515072
16	$\mathcal{O}(3; \{4^2, 2^{13}\})$	33030144
16	$\mathcal{O}(3; \{4^4, 2^{10}\})$	132120576
16	$\mathcal{O}(3; \{4^6, 2^7\})$	528482304
16	$\mathcal{O}(3; \{4^8, 2^4\})$	2113929216
16	$\mathcal{O}(3; \{4^{10}, 2\})$	8455716864
16	$\mathcal{O}(3; \{8^2, 4, 2^{11}\})$	132120576
16	$\mathcal{O}(3; \{8^2, 4^3, 2^8\})$	528482304
16	$\mathcal{O}(3; \{8^2, 4^5, 2^5\})$	2113929216
16	$\mathcal{O}(3; \{8^2, 4^7, 2^2\})$	8455716864
16	$\mathcal{O}(3; \{8^4, 2^9\})$	1056964608
16	$\mathcal{O}(3; \{8^4, 4^2, 2^6\})$	4227858432
16	$\mathcal{O}(3; \{8^4, 4^4, 2^3\})$	16911433728
16	$\mathcal{O}(3; \{8^4, 4^6\})$	67645734912
16	$\mathcal{O}(3; \{8^6, 4, 2^4\})$	33822867456
16	$\mathcal{O}(3; \{8^6, 4^3, 2\})$	135291469824
16	$\mathcal{O}(3; \{8^8, 2^2\})$	270582939648
16	$\mathcal{O}(3; \{16^2, 8, 4, 2^9\})$	1073741824
16	$\mathcal{O}(3; \{16^2, 8, 4^3, 2^6\})$	4294967296
16	$\mathcal{O}(3; \{16^2, 8, 4^5, 2^3\})$	17179869184
16	$\mathcal{O}(3; \{16^2, 8, 4^7\})$	68719476736
16	$\mathcal{O}(3; \{16^2, 8^3, 2^7\})$	8589934592
16	$\mathcal{O}(3; \{16^2, 8^3, 4^2, 2^4\})$	34359738368
16	$\mathcal{O}(3; \{16^2, 8^3, 4^4, 2\})$	137438953472
16	$\mathcal{O}(3; \{16^2, 8^5, 4, 2^2\})$	274877906944
16	$\mathcal{O}(3; \{16^2, 8^7\})$	2199023255552
16	$\mathcal{O}(3; \{16^4, 4, 2^7\})$	17179869184
16	$\mathcal{O}(3; \{16^4, 4^3, 2^4\})$	68719476736
16	$\mathcal{O}(3; \{16^4, 4^5, 2\})$	274877906944
16	$\mathcal{O}(3; \{16^4, 8^2, 2^5\})$	137438953472
16	$\mathcal{O}(3; \{16^4, 8^2, 4^2, 2^2\})$	549755813888
16	$\mathcal{O}(3; \{16^4, 8^4, 4\})$	4398046511104
16	$\mathcal{O}(3; \{16^6, 8, 2^3\})$	2199023255552
16	$\mathcal{O}(3; \{16^6, 8, 4^2\})$	8796093022208
16	$\mathcal{O}(3; \{16^8, 2\})$	35184372088832

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(2; \{2^{20}\})$	61440
16	$\mathcal{O}(2; \{4^2, 2^{17}\})$	122880
16	$\mathcal{O}(2; \{4^4, 2^{14}\})$	491520
16	$\mathcal{O}(2; \{4^6, 2^{11}\})$	1966080
16	$\mathcal{O}(2; \{4^8, 2^8\})$	7864320
16	$\mathcal{O}(2; \{4^{10}, 2^5\})$	31457280
16	$\mathcal{O}(2; \{4^{12}, 2^2\})$	125829120
16	$\mathcal{O}(2; \{8^2, 4, 2^{15}\})$	491520
16	$\mathcal{O}(2; \{8^2, 4^3, 2^{12}\})$	1966080
16	$\mathcal{O}(2; \{8^2, 4^5, 2^9\})$	7864320
16	$\mathcal{O}(2; \{8^2, 4^7, 2^6\})$	31457280
16	$\mathcal{O}(2; \{8^2, 4^9, 2^3\})$	125829120
16	$\mathcal{O}(2; \{8^2, 4^{11}\})$	503316480
16	$\mathcal{O}(2; \{8^4, 2^{13}\})$	3932160
16	$\mathcal{O}(2; \{8^4, 4^2, 2^{10}\})$	15728640
16	$\mathcal{O}(2; \{8^4, 4^4, 2^7\})$	62914560
16	$\mathcal{O}(2; \{8^4, 4^6, 2^4\})$	251658240
16	$\mathcal{O}(2; \{8^4, 4^8, 2\})$	1006632960
16	$\mathcal{O}(2; \{8^6, 4, 2^8\})$	125829120
16	$\mathcal{O}(2; \{8^6, 4^3, 2^5\})$	503316480
16	$\mathcal{O}(2; \{8^6, 4^5, 2^2\})$	2013265920
16	$\mathcal{O}(2; \{8^8, 2^6\})$	1006632960
16	$\mathcal{O}(2; \{8^8, 4^2, 2^3\})$	4026531840
16	$\mathcal{O}(2; \{8^8, 4^4\})$	16106127360
16	$\mathcal{O}(2; \{8^{10}, 4, 2\})$	32212254720
16	$\mathcal{O}(2; \{16^2, 8, 4, 2^{13}\})$	4194304
16	$\mathcal{O}(2; \{16^2, 8, 4^3, 2^{10}\})$	16777216
16	$\mathcal{O}(2; \{16^2, 8, 4^5, 2^7\})$	67108864
16	$\mathcal{O}(2; \{16^2, 8, 4^7, 2^4\})$	268435456
16	$\mathcal{O}(2; \{16^2, 8, 4^9, 2\})$	1073741824
16	$\mathcal{O}(2; \{16^2, 8^3, 2^{11}\})$	33554432
16	$\mathcal{O}(2; \{16^2, 8^3, 4^2, 2^8\})$	134217728
16	$\mathcal{O}(2; \{16^2, 8^3, 4^4, 2^5\})$	536870912
16	$\mathcal{O}(2; \{16^2, 8^3, 4^6, 2^2\})$	2147483648
16	$\mathcal{O}(2; \{16^2, 8^5, 4, 2^6\})$	1073741824
16	$\mathcal{O}(2; \{16^2, 8^5, 4^3, 2^3\})$	4294967296
16	$\mathcal{O}(2; \{16^2, 8^5, 4^5\})$	17179869184
16	$\mathcal{O}(2; \{16^2, 8^7, 2^4\})$	8589934592
16	$\mathcal{O}(2; \{16^2, 8^7, 4^2, 2\})$	34359738368
16	$\mathcal{O}(2; \{16^4, 4, 2^{11}\})$	67108864
16	$\mathcal{O}(2; \{16^4, 4^3, 2^8\})$	268435456
16	$\mathcal{O}(2; \{16^4, 4^5, 2^5\})$	1073741824
16	$\mathcal{O}(2; \{16^4, 4^7, 2^2\})$	4294967296

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(2; \{16^4, 8^2, 2^9\})$	536870912
16	$\mathcal{O}(2; \{16^4, 8^2, 4^2, 2^6\})$	2147483648
16	$\mathcal{O}(2; \{16^4, 8^2, 4^4, 2^3\})$	8589934592
16	$\mathcal{O}(2; \{16^4, 8^2, 4^6\})$	34359738368
16	$\mathcal{O}(2; \{16^4, 8^4, 4, 2^4\})$	17179869184
16	$\mathcal{O}(2; \{16^4, 8^4, 4^3, 2\})$	68719476736
16	$\mathcal{O}(2; \{16^4, 8^6, 2^2\})$	137438953472
16	$\mathcal{O}(2; \{16^6, 8, 2^7\})$	8589934592
16	$\mathcal{O}(2; \{16^6, 8, 4^2, 2^4\})$	34359738368
16	$\mathcal{O}(2; \{16^6, 8, 4^4, 2\})$	137438953472
16	$\mathcal{O}(2; \{16^6, 8^3, 4, 2^2\})$	274877906944
16	$\mathcal{O}(2; \{16^6, 8^5\})$	2199023255552
16	$\mathcal{O}(2; \{16^8, 2^5\})$	137438953472
16	$\mathcal{O}(2; \{16^8, 4^2, 2^2\})$	549755813888
16	$\mathcal{O}(2; \{16^8, 8^2, 4\})$	4398046511104
16	$\mathcal{O}(1; \{2^{24}\})$	192
16	$\mathcal{O}(1; \{4^2, 2^{21}\})$	384
16	$\mathcal{O}(1; \{4^4, 2^{18}\})$	1536
16	$\mathcal{O}(1; \{4^6, 2^{15}\})$	6144
16	$\mathcal{O}(1; \{4^8, 2^{12}\})$	24576
16	$\mathcal{O}(1; \{4^{10}, 2^9\})$	98304
16	$\mathcal{O}(1; \{4^{12}, 2^6\})$	393216
16	$\mathcal{O}(1; \{4^{14}, 2^3\})$	1572864
16	$\mathcal{O}(1; \{4^{16}\})$	6291456
16	$\mathcal{O}(1; \{8^2, 4, 2^{19}\})$	1536
16	$\mathcal{O}(1; \{8^2, 4^3, 2^{16}\})$	6144
16	$\mathcal{O}(1; \{8^2, 4^5, 2^{13}\})$	24576
16	$\mathcal{O}(1; \{8^2, 4^7, 2^{10}\})$	98304
16	$\mathcal{O}(1; \{8^2, 4^9, 2^7\})$	393216
16	$\mathcal{O}(1; \{8^2, 4^{11}, 2^4\})$	1572864
16	$\mathcal{O}(1; \{8^2, 4^{13}, 2\})$	6291456
16	$\mathcal{O}(1; \{8^4, 2^{17}\})$	12288
16	$\mathcal{O}(1; \{8^4, 4^2, 2^{14}\})$	49152
16	$\mathcal{O}(1; \{8^4, 4^4, 2^{11}\})$	196608
16	$\mathcal{O}(1; \{8^4, 4^6, 2^8\})$	786432
16	$\mathcal{O}(1; \{8^4, 4^8, 2^5\})$	3145728
16	$\mathcal{O}(1; \{8^4, 4^{10}, 2^2\})$	12582912
16	$\mathcal{O}(1; \{8^6, 4, 2^{12}\})$	393216
16	$\mathcal{O}(1; \{8^6, 4^3, 2^9\})$	1572864
16	$\mathcal{O}(1; \{8^6, 4^5, 2^6\})$	6291456
16	$\mathcal{O}(1; \{8^6, 4^7, 2^3\})$	25165824
16	$\mathcal{O}(1; \{8^6, 4^9\})$	100663296
16	$\mathcal{O}(1; \{8^8, 2^{10}\})$	3145728

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(1; \{8^8, 4^2, 2^7\})$	12582912
16	$\mathcal{O}(1; \{8^8, 4^4, 2^4\})$	50331648
16	$\mathcal{O}(1; \{8^8, 4^6, 2\})$	201326592
16	$\mathcal{O}(1; \{8^{10}, 4, 2^5\})$	100663296
16	$\mathcal{O}(1; \{8^{10}, 4^3, 2^2\})$	402653184
16	$\mathcal{O}(1; \{8^{12}, 2^3\})$	805306368
16	$\mathcal{O}(1; \{8^{12}, 4^2\})$	3221225472
16	$\mathcal{O}(1; \{16^2, 8, 4, 2^{17}\})$	16384
16	$\mathcal{O}(1; \{16^2, 8, 4^3, 2^{14}\})$	65536
16	$\mathcal{O}(1; \{16^2, 8, 4^5, 2^{11}\})$	262144
16	$\mathcal{O}(1; \{16^2, 8, 4^7, 2^8\})$	1048576
16	$\mathcal{O}(1; \{16^2, 8, 4^9, 2^5\})$	4194304
16	$\mathcal{O}(1; \{16^2, 8, 4^{11}, 2^2\})$	16777216
16	$\mathcal{O}(1; \{16^2, 8^3, 2^{15}\})$	131072
16	$\mathcal{O}(1; \{16^2, 8^3, 4^2, 2^{12}\})$	524288
16	$\mathcal{O}(1; \{16^2, 8^3, 4^4, 2^9\})$	2097152
16	$\mathcal{O}(1; \{16^2, 8^3, 4^6, 2^6\})$	8388608
16	$\mathcal{O}(1; \{16^2, 8^3, 4^8, 2^3\})$	33554432
16	$\mathcal{O}(1; \{16^2, 8^3, 4^{10}\})$	134217728
16	$\mathcal{O}(1; \{16^2, 8^5, 4, 2^{10}\})$	4194304
16	$\mathcal{O}(1; \{16^2, 8^5, 4^3, 2^7\})$	16777216
16	$\mathcal{O}(1; \{16^2, 8^5, 4^5, 2^4\})$	67108864
16	$\mathcal{O}(1; \{16^2, 8^5, 4^7, 2\})$	268435456
16	$\mathcal{O}(1; \{16^2, 8^7, 2^8\})$	33554432
16	$\mathcal{O}(1; \{16^2, 8^7, 4^2, 2^5\})$	134217728
16	$\mathcal{O}(1; \{16^2, 8^7, 4^4, 2^2\})$	536870912
16	$\mathcal{O}(1; \{16^2, 8^9, 4, 2^3\})$	1073741824
16	$\mathcal{O}(1; \{16^2, 8^9, 4^3\})$	4294967296
16	$\mathcal{O}(1; \{16^2, 8^{11}, 2\})$	8589934592
16	$\mathcal{O}(1; \{16^4, 4, 2^{15}\})$	262144
16	$\mathcal{O}(1; \{16^4, 4^3, 2^{12}\})$	1048576
16	$\mathcal{O}(1; \{16^4, 4^5, 2^9\})$	4194304
16	$\mathcal{O}(1; \{16^4, 4^7, 2^6\})$	16777216
16	$\mathcal{O}(1; \{16^4, 4^9, 2^3\})$	67108864
16	$\mathcal{O}(1; \{16^4, 4^{11}\})$	268435456
16	$\mathcal{O}(1; \{16^4, 8^2, 2^{13}\})$	2097152
16	$\mathcal{O}(1; \{16^4, 8^2, 4^2, 2^{10}\})$	8388608
16	$\mathcal{O}(1; \{16^4, 8^2, 4^4, 2^7\})$	33554432
16	$\mathcal{O}(1; \{16^4, 8^2, 4^6, 2^4\})$	134217728
16	$\mathcal{O}(1; \{16^4, 8^2, 4^8, 2\})$	536870912
16	$\mathcal{O}(1; \{16^4, 8^4, 4, 2^8\})$	67108864
16	$\mathcal{O}(1; \{16^4, 8^4, 4^3, 2^5\})$	268435456
16	$\mathcal{O}(1; \{16^4, 8^4, 4^5, 2^2\})$	1073741824

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(1; \{16^4, 8^6, 2^6\})$	536870912
16	$\mathcal{O}(1; \{16^4, 8^6, 4^2, 2^3\})$	2147483648
16	$\mathcal{O}(1; \{16^4, 8^6, 4^4\})$	8589934592
16	$\mathcal{O}(1; \{16^4, 8^8, 4, 2\})$	17179869184
16	$\mathcal{O}(1; \{16^6, 8, 2^{11}\})$	33554432
16	$\mathcal{O}(1; \{16^6, 8, 4^2, 2^8\})$	134217728
16	$\mathcal{O}(1; \{16^6, 8, 4^4, 2^5\})$	536870912
16	$\mathcal{O}(1; \{16^6, 8, 4^6, 2^2\})$	2147483648
16	$\mathcal{O}(1; \{16^6, 8^3, 4, 2^6\})$	1073741824
16	$\mathcal{O}(1; \{16^6, 8^3, 4^3, 2^3\})$	4294967296
16	$\mathcal{O}(1; \{16^6, 8^3, 4^5\})$	17179869184
16	$\mathcal{O}(1; \{16^6, 8^5, 2^4\})$	8589934592
16	$\mathcal{O}(1; \{16^6, 8^5, 4^2, 2\})$	34359738368
16	$\mathcal{O}(1; \{16^8, 2^9\})$	536870912
16	$\mathcal{O}(1; \{16^8, 4^2, 2^6\})$	2147483648
16	$\mathcal{O}(1; \{16^8, 4^4, 2^3\})$	8589934592
16	$\mathcal{O}(1; \{16^8, 4^6\})$	34359738368
16	$\mathcal{O}(1; \{16^8, 8^2, 4, 2^4\})$	17179869184
16	$\mathcal{O}(1; \{16^8, 8^2, 4^3, 2\})$	68719476736
16	$\mathcal{O}(1; \{16^8, 8^4, 2^2\})$	137438953472
16	$\mathcal{O}(1; \{16^{10}, 8, 4, 2^2\})$	274877906944
16	$\mathcal{O}(1; \{16^{10}, 8^3\})$	2199023255552
16	$\mathcal{O}(1; \{16^{12}, 4\})$	4398046511104
16	$\mathcal{O}(0; \{16^2, 8, 4, 2^{21}\})$	64
16	$\mathcal{O}(0; \{16^2, 8, 4^3, 2^{18}\})$	256
16	$\mathcal{O}(0; \{16^2, 8, 4^5, 2^{15}\})$	1024
16	$\mathcal{O}(0; \{16^2, 8, 4^7, 2^{12}\})$	4096
16	$\mathcal{O}(0; \{16^2, 8, 4^9, 2^9\})$	16384
16	$\mathcal{O}(0; \{16^2, 8, 4^{11}, 2^6\})$	65536
16	$\mathcal{O}(0; \{16^2, 8, 4^{13}, 2^3\})$	262144
16	$\mathcal{O}(0; \{16^2, 8, 4^{15}\})$	1048576
16	$\mathcal{O}(0; \{16^2, 8^3, 2^{19}\})$	512
16	$\mathcal{O}(0; \{16^2, 8^3, 4^2, 2^{16}\})$	2048
16	$\mathcal{O}(0; \{16^2, 8^3, 4^4, 2^{13}\})$	8192
16	$\mathcal{O}(0; \{16^2, 8^3, 4^6, 2^{10}\})$	32768
16	$\mathcal{O}(0; \{16^2, 8^3, 4^8, 2^7\})$	131072
16	$\mathcal{O}(0; \{16^2, 8^3, 4^{10}, 2^4\})$	524288
16	$\mathcal{O}(0; \{16^2, 8^3, 4^{12}, 2\})$	2097152
16	$\mathcal{O}(0; \{16^2, 8^5, 4, 2^{14}\})$	16384
16	$\mathcal{O}(0; \{16^2, 8^5, 4^3, 2^{11}\})$	65536
16	$\mathcal{O}(0; \{16^2, 8^5, 4^5, 2^8\})$	262144
16	$\mathcal{O}(0; \{16^2, 8^5, 4^7, 2^5\})$	1048576
16	$\mathcal{O}(0; \{16^2, 8^5, 4^9, 2^2\})$	4194304

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{16^2, 8^7, 2^{12}\})$	131072
16	$\mathcal{O}(0; \{16^2, 8^7, 4^2, 2^9\})$	524288
16	$\mathcal{O}(0; \{16^2, 8^7, 4^4, 2^6\})$	2097152
16	$\mathcal{O}(0; \{16^2, 8^7, 4^6, 2^3\})$	8388608
16	$\mathcal{O}(0; \{16^2, 8^7, 4^8\})$	33554432
16	$\mathcal{O}(0; \{16^2, 8^9, 4, 2^7\})$	4194304
16	$\mathcal{O}(0; \{16^2, 8^9, 4^3, 2^4\})$	16777216
16	$\mathcal{O}(0; \{16^2, 8^9, 4^5, 2\})$	67108864
16	$\mathcal{O}(0; \{16^2, 8^{11}, 2^5\})$	33554432
16	$\mathcal{O}(0; \{16^2, 8^{11}, 4^2, 2^2\})$	134217728
16	$\mathcal{O}(0; \{16^2, 8^{13}, 4\})$	1073741824
16	$\mathcal{O}(0; \{16^4, 4, 2^{19}\})$	1024
16	$\mathcal{O}(0; \{16^4, 4^3, 2^{16}\})$	4096
16	$\mathcal{O}(0; \{16^4, 4^5, 2^{13}\})$	16384
16	$\mathcal{O}(0; \{16^4, 4^7, 2^{10}\})$	65536
16	$\mathcal{O}(0; \{16^4, 4^9, 2^7\})$	262144
16	$\mathcal{O}(0; \{16^4, 4^{11}, 2^4\})$	1048576
16	$\mathcal{O}(0; \{16^4, 4^{13}, 2\})$	4194304
16	$\mathcal{O}(0; \{16^4, 8^2, 2^{17}\})$	8192
16	$\mathcal{O}(0; \{16^4, 8^2, 4^2, 2^{14}\})$	32768
16	$\mathcal{O}(0; \{16^4, 8^2, 4^4, 2^{11}\})$	131072
16	$\mathcal{O}(0; \{16^4, 8^2, 4^6, 2^8\})$	524288
16	$\mathcal{O}(0; \{16^4, 8^2, 4^8, 2^5\})$	2097152
16	$\mathcal{O}(0; \{16^4, 8^2, 4^{10}, 2^2\})$	8388608
16	$\mathcal{O}(0; \{16^4, 8^4, 4, 2^{12}\})$	262144
16	$\mathcal{O}(0; \{16^4, 8^4, 4^3, 2^9\})$	1048576
16	$\mathcal{O}(0; \{16^4, 8^4, 4^5, 2^6\})$	4194304
16	$\mathcal{O}(0; \{16^4, 8^4, 4^7, 2^3\})$	16777216
16	$\mathcal{O}(0; \{16^4, 8^4, 4^9\})$	67108864
16	$\mathcal{O}(0; \{16^4, 8^6, 2^{10}\})$	2097152
16	$\mathcal{O}(0; \{16^4, 8^6, 4^2, 2^7\})$	8388608
16	$\mathcal{O}(0; \{16^4, 8^6, 4^4, 2^4\})$	33554432
16	$\mathcal{O}(0; \{16^4, 8^6, 4^6, 2\})$	134217728
16	$\mathcal{O}(0; \{16^4, 8^8, 4, 2^5\})$	67108864
16	$\mathcal{O}(0; \{16^4, 8^8, 4^3, 2^2\})$	268435456
16	$\mathcal{O}(0; \{16^4, 8^{10}, 2^3\})$	536870912
16	$\mathcal{O}(0; \{16^4, 8^{10}, 4^2\})$	2147483648
16	$\mathcal{O}(0; \{16^6, 8, 2^{15}\})$	131072
16	$\mathcal{O}(0; \{16^6, 8, 4^2, 2^{12}\})$	524288
16	$\mathcal{O}(0; \{16^6, 8, 4^4, 2^9\})$	2097152
16	$\mathcal{O}(0; \{16^6, 8, 4^6, 2^6\})$	8388608
16	$\mathcal{O}(0; \{16^6, 8, 4^8, 2^3\})$	33554432
16	$\mathcal{O}(0; \{16^6, 8, 4^{10}\})$	134217728

Continued on next page

Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{16^6, 8^3, 4, 2^{10}\})$	4194304
16	$\mathcal{O}(0; \{16^6, 8^3, 4^3, 2^7\})$	16777216
16	$\mathcal{O}(0; \{16^6, 8^3, 4^5, 2^4\})$	67108864
16	$\mathcal{O}(0; \{16^6, 8^3, 4^7, 2\})$	268435456
16	$\mathcal{O}(0; \{16^6, 8^5, 2^8\})$	33554432
16	$\mathcal{O}(0; \{16^6, 8^5, 4^2, 2^5\})$	134217728
16	$\mathcal{O}(0; \{16^6, 8^5, 4^4, 2^2\})$	536870912
16	$\mathcal{O}(0; \{16^6, 8^7, 4, 2^3\})$	1073741824
16	$\mathcal{O}(0; \{16^6, 8^7, 4^3\})$	4294967296
16	$\mathcal{O}(0; \{16^6, 8^9, 2\})$	8589934592
16	$\mathcal{O}(0; \{16^8, 2^{13}\})$	2097152
16	$\mathcal{O}(0; \{16^8, 4^2, 2^{10}\})$	8388608
16	$\mathcal{O}(0; \{16^8, 4^4, 2^7\})$	33554432
16	$\mathcal{O}(0; \{16^8, 4^6, 2^4\})$	134217728
16	$\mathcal{O}(0; \{16^8, 4^8, 2\})$	536870912
16	$\mathcal{O}(0; \{16^8, 8^2, 4, 2^8\})$	67108864
16	$\mathcal{O}(0; \{16^8, 8^2, 4^3, 2^5\})$	268435456
16	$\mathcal{O}(0; \{16^8, 8^2, 4^5, 2^2\})$	1073741824
16	$\mathcal{O}(0; \{16^8, 8^4, 2^6\})$	536870912
16	$\mathcal{O}(0; \{16^8, 8^4, 4^2, 2^3\})$	2147483648
16	$\mathcal{O}(0; \{16^8, 8^4, 4^4\})$	8589934592
16	$\mathcal{O}(0; \{16^8, 8^6, 4, 2\})$	17179869184
16	$\mathcal{O}(0; \{16^{10}, 8, 4, 2^6\})$	1073741824
16	$\mathcal{O}(0; \{16^{10}, 8, 4^3, 2^3\})$	4294967296
16	$\mathcal{O}(0; \{16^{10}, 8, 4^5\})$	17179869184
16	$\mathcal{O}(0; \{16^{10}, 8^3, 2^4\})$	8589934592
16	$\mathcal{O}(0; \{16^{10}, 8^3, 4^2, 2\})$	34359738368
16	$\mathcal{O}(0; \{16^{12}, 4, 2^4\})$	17179869184
16	$\mathcal{O}(0; \{16^{12}, 4^3, 2\})$	68719476736
16	$\mathcal{O}(0; \{16^{12}, 8^2, 2^2\})$	137438953472
16	$\mathcal{O}(0; \{16^{14}, 8\})$	2199023255552
17	$\mathcal{O}(1; \{17^{12}\})$	4785074604081424
18	$\mathcal{O}(5; \{3^4\})$	21401520210576
18	$\mathcal{O}(5; \{6, 3^2, 2\})$	7140813520896
18	$\mathcal{O}(5; \{6^2, 2^2\})$	7140813520896
18	$\mathcal{O}(5; \{9^3\})$	64205647960014
18	$\mathcal{O}(5; \{18, 9, 6\})$	42845606719488
18	$\mathcal{O}(4; \{3^4, 2^4\})$	66109685760
18	$\mathcal{O}(4; \{3^7\})$	460960113600
18	$\mathcal{O}(4; \{6, 3^2, 2^5\})$	22036561920
18	$\mathcal{O}(4; \{6, 3^5, 2\})$	242402181120
18	$\mathcal{O}(4; \{6^2, 2^6\})$	22036561920
18	$\mathcal{O}(4; \{6^2, 3^3, 2^2\})$	110182809600

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(4; \{6^3, 3, 2^3\})$	66109685760
18	$\mathcal{O}(4; \{6^4, 3^2\})$	242402181120
18	$\mathcal{O}(4; \{6^5, 2\})$	110182809600
18	$\mathcal{O}(4; \{9^3, 2^4\})$	198359290368
18	$\mathcal{O}(4; \{9^3, 3^3\})$	1580675595120
18	$\mathcal{O}(4; \{9^3, 6, 3, 2\})$	793437161472
18	$\mathcal{O}(4; \{18, 9, 3^2, 2^3\})$	264479053824
18	$\mathcal{O}(4; \{18, 9, 6, 2^4\})$	132239526912
18	$\mathcal{O}(4; \{18, 9, 6, 3^3\})$	1057916215296
18	$\mathcal{O}(4; \{18, 9, 6^2, 3, 2\})$	528958107648
18	$\mathcal{O}(4; \{18^2, 9^2, 2^2\})$	1785233613312
18	$\mathcal{O}(4; \{18^3, 3^2, 2\})$	793437161472
18	$\mathcal{O}(4; \{18^3, 6, 2^2\})$	396718580736
18	$\mathcal{O}(4; \{18^4, 9\})$	8926168066560
18	$\mathcal{O}(3; \{3^4, 2^8\})$	203793408
18	$\mathcal{O}(3; \{3^7, 2^4\})$	1426553856
18	$\mathcal{O}(3; \{3^{10}\})$	11434720752
18	$\mathcal{O}(3; \{6, 3^2, 2^9\})$	67931136
18	$\mathcal{O}(3; \{6, 3^5, 2^5\})$	747242496
18	$\mathcal{O}(3; \{6, 3^8, 2\})$	5774146560
18	$\mathcal{O}(3; \{6^2, 2^{10}\})$	67931136
18	$\mathcal{O}(3; \{6^2, 3^3, 2^6\})$	339655680
18	$\mathcal{O}(3; \{6^2, 3^6, 2^2\})$	2921038848
18	$\mathcal{O}(3; \{6^3, 3, 2^7\})$	203793408
18	$\mathcal{O}(3; \{6^3, 3^4, 2^3\})$	1426553856
18	$\mathcal{O}(3; \{6^4, 3^2, 2^4\})$	747242496
18	$\mathcal{O}(3; \{6^4, 3^5\})$	5774146560
18	$\mathcal{O}(3; \{6^5, 2^5\})$	339655680
18	$\mathcal{O}(3; \{6^5, 3^3, 2\})$	2921038848
18	$\mathcal{O}(3; \{6^6, 3, 2^2\})$	1426553856
18	$\mathcal{O}(3; \{6^8\})$	2921038848
18	$\mathcal{O}(3; \{9^3, 2^8\})$	612220032
18	$\mathcal{O}(3; \{9^3, 3^3, 2^4\})$	4897760256
18	$\mathcal{O}(3; \{9^3, 3^6\})$	38569862016
18	$\mathcal{O}(3; \{9^3, 6, 3, 2^5\})$	2448880128
18	$\mathcal{O}(3; \{9^3, 6, 3^4, 2\})$	19591041024
18	$\mathcal{O}(3; \{9^3, 6^2, 3^2, 2^2\})$	9795520512
18	$\mathcal{O}(3; \{9^3, 6^3, 2^3\})$	4897760256
18	$\mathcal{O}(3; \{9^3, 6^4, 3\})$	19591041024
18	$\mathcal{O}(3; \{9^6, 3^2\})$	715953063672
18	$\mathcal{O}(3; \{9^6, 6, 2\})$	363658699008
18	$\mathcal{O}(3; \{18, 9, 3^2, 2^7\})$	816293376
18	$\mathcal{O}(3; \{18, 9, 3^5, 2^3\})$	6530347008

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(3; \{18, 9, 6, 2^8\})$	408146688
18	$\mathcal{O}(3; \{18, 9, 6, 3^3, 2^4\})$	3265173504
18	$\mathcal{O}(3; \{18, 9, 6, 3^6\})$	26121388032
18	$\mathcal{O}(3; \{18, 9, 6^2, 3, 2^5\})$	1632586752
18	$\mathcal{O}(3; \{18, 9, 6^2, 3^4, 2\})$	13060694016
18	$\mathcal{O}(3; \{18, 9, 6^3, 3^2, 2^2\})$	6530347008
18	$\mathcal{O}(3; \{18, 9, 6^4, 2^3\})$	3265173504
18	$\mathcal{O}(3; \{18, 9, 6^5, 3\})$	13060694016
18	$\mathcal{O}(3; \{18, 9^4, 3, 2^3\})$	55099802880
18	$\mathcal{O}(3; \{18, 9^4, 6, 3^2\})$	220399211520
18	$\mathcal{O}(3; \{18, 9^4, 6^2, 2\})$	110199605760
18	$\mathcal{O}(3; \{18^2, 9^2, 2^6\})$	5509980288
18	$\mathcal{O}(3; \{18^2, 9^2, 3^3, 2^2\})$	44079842304
18	$\mathcal{O}(3; \{18^2, 9^2, 6, 3, 2^3\})$	22039921152
18	$\mathcal{O}(3; \{18^2, 9^2, 6^2, 3^2\})$	88159684608
18	$\mathcal{O}(3; \{18^2, 9^2, 6^3, 2\})$	44079842304
18	$\mathcal{O}(3; \{18^3, 3^2, 2^5\})$	2448880128
18	$\mathcal{O}(3; \{18^3, 3^5, 2\})$	19591041024
18	$\mathcal{O}(3; \{18^3, 6, 2^6\})$	1224440064
18	$\mathcal{O}(3; \{18^3, 6, 3^3, 2^2\})$	9795520512
18	$\mathcal{O}(3; \{18^3, 6^2, 3, 2^3\})$	4897760256
18	$\mathcal{O}(3; \{18^3, 6^3, 3^2\})$	19591041024
18	$\mathcal{O}(3; \{18^3, 6^4, 2\})$	9795520512
18	$\mathcal{O}(3; \{18^3, 9^3, 3, 2\})$	363658699008
18	$\mathcal{O}(3; \{18^4, 9, 2^4\})$	27549901440
18	$\mathcal{O}(3; \{18^4, 9, 3^3\})$	220399211520
18	$\mathcal{O}(3; \{18^4, 9, 6, 3, 2\})$	110199605760
18	$\mathcal{O}(3; \{18^6, 2^2\})$	181829349504
18	$\mathcal{O}(2; \{3^4, 2^{12}\})$	622080
18	$\mathcal{O}(2; \{3^7, 2^8\})$	4354560
18	$\mathcal{O}(2; \{3^{10}, 2^4\})$	35458560
18	$\mathcal{O}(2; \{3^{13}\})$	265356000
18	$\mathcal{O}(2; \{6, 3^2, 2^{13}\})$	207360
18	$\mathcal{O}(2; \{6, 3^5, 2^9\})$	2280960
18	$\mathcal{O}(2; \{6, 3^8, 2^5\})$	17625600
18	$\mathcal{O}(2; \{6, 3^{11}, 2\})$	141626880
18	$\mathcal{O}(2; \{6^2, 2^{14}\})$	207360
18	$\mathcal{O}(2; \{6^2, 3^3, 2^{10}\})$	1036800
18	$\mathcal{O}(2; \{6^2, 3^6, 2^6\})$	8916480
18	$\mathcal{O}(2; \{6^2, 3^9, 2^2\})$	70709760
18	$\mathcal{O}(2; \{6^3, 3, 2^{11}\})$	622080
18	$\mathcal{O}(2; \{6^3, 3^4, 2^7\})$	4354560
18	$\mathcal{O}(2; \{6^3, 3^7, 2^3\})$	35458560

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(2; \{6^4, 3^2, 2^8\})$	2280960
18	$\mathcal{O}(2; \{6^4, 3^5, 2^4\})$	17625600
18	$\mathcal{O}(2; \{6^4, 3^8\})$	141626880
18	$\mathcal{O}(2; \{6^5, 2^9\})$	1036800
18	$\mathcal{O}(2; \{6^5, 3^3, 2^5\})$	8916480
18	$\mathcal{O}(2; \{6^5, 3^6, 2\})$	70709760
18	$\mathcal{O}(2; \{6^6, 3, 2^6\})$	4354560
18	$\mathcal{O}(2; \{6^6, 3^4, 2^2\})$	35458560
18	$\mathcal{O}(2; \{6^7, 3^2, 2^3\})$	17625600
18	$\mathcal{O}(2; \{6^8, 2^4\})$	8916480
18	$\mathcal{O}(2; \{6^8, 3^3\})$	70709760
18	$\mathcal{O}(2; \{6^9, 3, 2\})$	35458560
18	$\mathcal{O}(2; \{9^3, 2^{12}\})$	1889568
18	$\mathcal{O}(2; \{9^3, 3^3, 2^8\})$	15116544
18	$\mathcal{O}(2; \{9^3, 3^6, 2^4\})$	120932352
18	$\mathcal{O}(2; \{9^3, 3^9\})$	906992640
18	$\mathcal{O}(2; \{9^3, 6, 3, 2^9\})$	7558272
18	$\mathcal{O}(2; \{9^3, 6, 3^4, 2^5\})$	60466176
18	$\mathcal{O}(2; \{9^3, 6, 3^7, 2\})$	483729408
18	$\mathcal{O}(2; \{9^3, 6^2, 3^2, 2^6\})$	30233088
18	$\mathcal{O}(2; \{9^3, 6^2, 3^5, 2^2\})$	241864704
18	$\mathcal{O}(2; \{9^3, 6^3, 2^7\})$	15116544
18	$\mathcal{O}(2; \{9^3, 6^3, 3^3, 2^3\})$	120932352
18	$\mathcal{O}(2; \{9^3, 6^4, 3, 2^4\})$	60466176
18	$\mathcal{O}(2; \{9^3, 6^4, 3^4\})$	483729408
18	$\mathcal{O}(2; \{9^3, 6^5, 3^2, 2\})$	241864704
18	$\mathcal{O}(2; \{9^3, 6^6, 2^2\})$	120932352
18	$\mathcal{O}(2; \{9^6, 3^2, 2^4\})$	2244806784
18	$\mathcal{O}(2; \{9^6, 3^5\})$	16836050880
18	$\mathcal{O}(2; \{9^6, 6, 2^5\})$	1122403392
18	$\mathcal{O}(2; \{9^6, 6, 3^3, 2\})$	8979227136
18	$\mathcal{O}(2; \{9^6, 6^2, 3, 2^2\})$	4489613568
18	$\mathcal{O}(2; \{9^6, 6^4\})$	8979227136
18	$\mathcal{O}(2; \{9^9, 3\})$	219538277100
18	$\mathcal{O}(2; \{18, 9, 3^2, 2^{11}\})$	2519424
18	$\mathcal{O}(2; \{18, 9, 3^5, 2^7\})$	20155392
18	$\mathcal{O}(2; \{18, 9, 3^8, 2^3\})$	161243136
18	$\mathcal{O}(2; \{18, 9, 6, 2^{12}\})$	1259712
18	$\mathcal{O}(2; \{18, 9, 6, 3^3, 2^8\})$	10077696
18	$\mathcal{O}(2; \{18, 9, 6, 3^6, 2^4\})$	80621568
18	$\mathcal{O}(2; \{18, 9, 6, 3^9\})$	644972544
18	$\mathcal{O}(2; \{18, 9, 6^2, 3, 2^9\})$	5038848
18	$\mathcal{O}(2; \{18, 9, 6^2, 3^4, 2^5\})$	40310784

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(2; \{18, 9, 6^2, 3^7, 2\})$	322486272
18	$\mathcal{O}(2; \{18, 9, 6^3, 3^2, 2^6\})$	20155392
18	$\mathcal{O}(2; \{18, 9, 6^3, 3^5, 2^2\})$	161243136
18	$\mathcal{O}(2; \{18, 9, 6^4, 2^7\})$	10077696
18	$\mathcal{O}(2; \{18, 9, 6^4, 3^3, 2^3\})$	80621568
18	$\mathcal{O}(2; \{18, 9, 6^5, 3, 2^4\})$	40310784
18	$\mathcal{O}(2; \{18, 9, 6^5, 3^4\})$	322486272
18	$\mathcal{O}(2; \{18, 9, 6^6, 3^2, 2\})$	161243136
18	$\mathcal{O}(2; \{18, 9, 6^7, 2^2\})$	80621568
18	$\mathcal{O}(2; \{18, 9^4, 3, 2^7\})$	170061120
18	$\mathcal{O}(2; \{18, 9^4, 3^4, 2^3\})$	1360488960
18	$\mathcal{O}(2; \{18, 9^4, 6, 3^2, 2^4\})$	680244480
18	$\mathcal{O}(2; \{18, 9^4, 6, 3^5\})$	5441955840
18	$\mathcal{O}(2; \{18, 9^4, 6^2, 2^5\})$	340122240
18	$\mathcal{O}(2; \{18, 9^4, 6^2, 3^3, 2\})$	2720977920
18	$\mathcal{O}(2; \{18, 9^4, 6^3, 3, 2^2\})$	1360488960
18	$\mathcal{O}(2; \{18, 9^4, 6^5\})$	2720977920
18	$\mathcal{O}(2; \{18, 9^7, 2^3\})$	19744096032
18	$\mathcal{O}(2; \{18, 9^7, 6, 3\})$	78976384128
18	$\mathcal{O}(2; \{18^2, 9^2, 2^{10}\})$	17006112
18	$\mathcal{O}(2; \{18^2, 9^2, 3^3, 2^6\})$	136048896
18	$\mathcal{O}(2; \{18^2, 9^2, 3^6, 2^2\})$	1088391168
18	$\mathcal{O}(2; \{18^2, 9^2, 6, 3, 2^7\})$	68024448
18	$\mathcal{O}(2; \{18^2, 9^2, 6, 3^4, 2^3\})$	544195584
18	$\mathcal{O}(2; \{18^2, 9^2, 6^2, 3^2, 2^4\})$	272097792
18	$\mathcal{O}(2; \{18^2, 9^2, 6^2, 3^5\})$	2176782336
18	$\mathcal{O}(2; \{18^2, 9^2, 6^3, 2^5\})$	136048896
18	$\mathcal{O}(2; \{18^2, 9^2, 6^3, 3^3, 2\})$	1088391168
18	$\mathcal{O}(2; \{18^2, 9^2, 6^4, 3, 2^2\})$	544195584
18	$\mathcal{O}(2; \{18^2, 9^2, 6^6\})$	1088391168
18	$\mathcal{O}(2; \{18^2, 9^5, 3^2, 2^2\})$	12856620672
18	$\mathcal{O}(2; \{18^2, 9^5, 6, 2^3\})$	6428310336
18	$\mathcal{O}(2; \{18^2, 9^5, 6^2, 3\})$	25713241344
18	$\mathcal{O}(2; \{18^3, 3^2, 2^9\})$	7558272
18	$\mathcal{O}(2; \{18^3, 3^5, 2^5\})$	60466176
18	$\mathcal{O}(2; \{18^3, 3^8, 2\})$	483729408
18	$\mathcal{O}(2; \{18^3, 6, 2^{10}\})$	3779136
18	$\mathcal{O}(2; \{18^3, 6, 3^3, 2^6\})$	30233088
18	$\mathcal{O}(2; \{18^3, 6, 3^6, 2^2\})$	241864704
18	$\mathcal{O}(2; \{18^3, 6^2, 3, 2^7\})$	15116544
18	$\mathcal{O}(2; \{18^3, 6^2, 3^4, 2^3\})$	120932352
18	$\mathcal{O}(2; \{18^3, 6^3, 3^2, 2^4\})$	60466176
18	$\mathcal{O}(2; \{18^3, 6^3, 3^5\})$	483729408

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(2; \{18^3, 6^4, 2^5\})$	30233088
18	$\mathcal{O}(2; \{18^3, 6^4, 3^3, 2\})$	241864704
18	$\mathcal{O}(2; \{18^3, 6^5, 3, 2^2\})$	120932352
18	$\mathcal{O}(2; \{18^3, 6^7\})$	241864704
18	$\mathcal{O}(2; \{18^3, 9^3, 3, 2^5\})$	1122403392
18	$\mathcal{O}(2; \{18^3, 9^3, 3^4, 2\})$	8979227136
18	$\mathcal{O}(2; \{18^3, 9^3, 6, 3^2, 2^2\})$	4489613568
18	$\mathcal{O}(2; \{18^3, 9^3, 6^2, 2^3\})$	2244806784
18	$\mathcal{O}(2; \{18^3, 9^3, 6^3, 3\})$	8979227136
18	$\mathcal{O}(2; \{18^3, 9^6, 2\})$	117087081120
18	$\mathcal{O}(2; \{18^4, 9, 2^8\})$	85030560
18	$\mathcal{O}(2; \{18^4, 9, 3^3, 2^4\})$	680244480
18	$\mathcal{O}(2; \{18^4, 9, 3^6\})$	5441955840
18	$\mathcal{O}(2; \{18^4, 9, 6, 3, 2^5\})$	340122240
18	$\mathcal{O}(2; \{18^4, 9, 6, 3^4, 2\})$	2720977920
18	$\mathcal{O}(2; \{18^4, 9, 6^2, 3^2, 2^2\})$	1360488960
18	$\mathcal{O}(2; \{18^4, 9, 6^3, 2^3\})$	680244480
18	$\mathcal{O}(2; \{18^4, 9, 6^4, 3\})$	2720977920
18	$\mathcal{O}(2; \{18^4, 9^4, 3^2\})$	78976384128
18	$\mathcal{O}(2; \{18^4, 9^4, 6, 2\})$	39488192064
18	$\mathcal{O}(2; \{18^5, 9^2, 3, 2^3\})$	6428310336
18	$\mathcal{O}(2; \{18^5, 9^2, 6, 3^2\})$	25713241344
18	$\mathcal{O}(2; \{18^5, 9^2, 6^2, 2\})$	12856620672
18	$\mathcal{O}(2; \{18^6, 2^6\})$	561201696
18	$\mathcal{O}(2; \{18^6, 3^3, 2^2\})$	4489613568
18	$\mathcal{O}(2; \{18^6, 6, 3, 2^3\})$	2244806784
18	$\mathcal{O}(2; \{18^6, 6^2, 3^2\})$	8979227136
18	$\mathcal{O}(2; \{18^6, 6^3, 2\})$	4489613568
18	$\mathcal{O}(2; \{18^7, 9, 3, 2\})$	39488192064
18	$\mathcal{O}(1; \{3^4, 2^{16}\})$	1728
18	$\mathcal{O}(1; \{3^7, 2^{12}\})$	12096
18	$\mathcal{O}(1; \{3^{10}, 2^8\})$	98496
18	$\mathcal{O}(1; \{3^{13}, 2^4\})$	786240
18	$\mathcal{O}(1; \{3^{16}\})$	4718736
18	$\mathcal{O}(1; \{6, 3^2, 2^{17}\})$	576
18	$\mathcal{O}(1; \{6, 3^5, 2^{13}\})$	6336
18	$\mathcal{O}(1; \{6, 3^8, 2^9\})$	48960
18	$\mathcal{O}(1; \{6, 3^{11}, 2^5\})$	393408
18	$\mathcal{O}(1; \{6, 3^{14}, 2\})$	3145536
18	$\mathcal{O}(1; \{6^2, 2^{18}\})$	576
18	$\mathcal{O}(1; \{6^2, 3^3, 2^{14}\})$	2880
18	$\mathcal{O}(1; \{6^2, 3^6, 2^{10}\})$	24768
18	$\mathcal{O}(1; \{6^2, 3^9, 2^6\})$	196416

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{6^2, 3^{12}, 2^2\})$	1573056
18	$\mathcal{O}(1; \{6^3, 3, 2^{15}\})$	1728
18	$\mathcal{O}(1; \{6^3, 3^4, 2^{11}\})$	12096
18	$\mathcal{O}(1; \{6^3, 3^7, 2^7\})$	98496
18	$\mathcal{O}(1; \{6^3, 3^{10}, 2^3\})$	786240
18	$\mathcal{O}(1; \{6^4, 3^2, 2^{12}\})$	6336
18	$\mathcal{O}(1; \{6^4, 3^5, 2^8\})$	48960
18	$\mathcal{O}(1; \{6^4, 3^8, 2^4\})$	393408
18	$\mathcal{O}(1; \{6^4, 3^{11}\})$	3145536
18	$\mathcal{O}(1; \{6^5, 2^{13}\})$	2880
18	$\mathcal{O}(1; \{6^5, 3^3, 2^9\})$	24768
18	$\mathcal{O}(1; \{6^5, 3^6, 2^5\})$	196416
18	$\mathcal{O}(1; \{6^5, 3^9, 2\})$	1573056
18	$\mathcal{O}(1; \{6^6, 3, 2^{10}\})$	12096
18	$\mathcal{O}(1; \{6^6, 3^4, 2^6\})$	98496
18	$\mathcal{O}(1; \{6^6, 3^7, 2^2\})$	786240
18	$\mathcal{O}(1; \{6^7, 3^2, 2^7\})$	48960
18	$\mathcal{O}(1; \{6^7, 3^5, 2^3\})$	393408
18	$\mathcal{O}(1; \{6^8, 2^8\})$	24768
18	$\mathcal{O}(1; \{6^8, 3^3, 2^4\})$	196416
18	$\mathcal{O}(1; \{6^8, 3^6\})$	1573056
18	$\mathcal{O}(1; \{6^9, 3, 2^5\})$	98496
18	$\mathcal{O}(1; \{6^9, 3^4, 2\})$	786240
18	$\mathcal{O}(1; \{6^{10}, 3^2, 2^2\})$	393408
18	$\mathcal{O}(1; \{6^{11}, 2^3\})$	196416
18	$\mathcal{O}(1; \{6^{12}, 3\})$	786240
18	$\mathcal{O}(1; \{9^3, 2^{16}\})$	5832
18	$\mathcal{O}(1; \{9^3, 3^3, 2^{12}\})$	46656
18	$\mathcal{O}(1; \{9^3, 3^6, 2^8\})$	373248
18	$\mathcal{O}(1; \{9^3, 3^9, 2^4\})$	2985984
18	$\mathcal{O}(1; \{9^3, 3^{12}\})$	17915904
18	$\mathcal{O}(1; \{9^3, 6, 3, 2^{13}\})$	23328
18	$\mathcal{O}(1; \{9^3, 6, 3^4, 2^9\})$	186624
18	$\mathcal{O}(1; \{9^3, 6, 3^7, 2^5\})$	1492992
18	$\mathcal{O}(1; \{9^3, 6, 3^{10}, 2\})$	11943936
18	$\mathcal{O}(1; \{9^3, 6^2, 3^2, 2^{10}\})$	93312
18	$\mathcal{O}(1; \{9^3, 6^2, 3^5, 2^6\})$	746496
18	$\mathcal{O}(1; \{9^3, 6^2, 3^8, 2^2\})$	5971968
18	$\mathcal{O}(1; \{9^3, 6^3, 2^{11}\})$	46656
18	$\mathcal{O}(1; \{9^3, 6^3, 3^3, 2^7\})$	373248
18	$\mathcal{O}(1; \{9^3, 6^3, 3^6, 2^3\})$	2985984
18	$\mathcal{O}(1; \{9^3, 6^4, 3, 2^8\})$	186624
18	$\mathcal{O}(1; \{9^3, 6^4, 3^4, 2^4\})$	1492992

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{9^3, 6^4, 3^7\})$	11943936
18	$\mathcal{O}(1; \{9^3, 6^5, 3^2, 2^5\})$	746496
18	$\mathcal{O}(1; \{9^3, 6^5, 3^5, 2\})$	5971968
18	$\mathcal{O}(1; \{9^3, 6^6, 2^6\})$	373248
18	$\mathcal{O}(1; \{9^3, 6^6, 3^3, 2^2\})$	2985984
18	$\mathcal{O}(1; \{9^3, 6^7, 3, 2^3\})$	1492992
18	$\mathcal{O}(1; \{9^3, 6^8, 3^2\})$	5971968
18	$\mathcal{O}(1; \{9^3, 6^9, 2\})$	2985984
18	$\mathcal{O}(1; \{9^6, 3^2, 2^8\})$	6928416
18	$\mathcal{O}(1; \{9^6, 3^5, 2^4\})$	55427328
18	$\mathcal{O}(1; \{9^6, 3^8\})$	332563968
18	$\mathcal{O}(1; \{9^6, 6, 2^9\})$	3464208
18	$\mathcal{O}(1; \{9^6, 6, 3^3, 2^5\})$	27713664
18	$\mathcal{O}(1; \{9^6, 6, 3^6, 2\})$	221709312
18	$\mathcal{O}(1; \{9^6, 6^2, 3, 2^6\})$	13856832
18	$\mathcal{O}(1; \{9^6, 6^2, 3^4, 2^2\})$	110854656
18	$\mathcal{O}(1; \{9^6, 6^3, 3^2, 2^3\})$	55427328
18	$\mathcal{O}(1; \{9^6, 6^4, 2^4\})$	27713664
18	$\mathcal{O}(1; \{9^6, 6^4, 3^3\})$	221709312
18	$\mathcal{O}(1; \{9^6, 6^5, 3, 2\})$	110854656
18	$\mathcal{O}(1; \{9^9, 3, 2^4\})$	722759760
18	$\mathcal{O}(1; \{9^9, 3^4\})$	4336558560
18	$\mathcal{O}(1; \{9^9, 6, 3^2, 2\})$	2891039040
18	$\mathcal{O}(1; \{9^9, 6^2, 2^2\})$	1445519520
18	$\mathcal{O}(1; \{9^{12}\})$	58801820886
18	$\mathcal{O}(1; \{18, 9, 3^2, 2^{15}\})$	7776
18	$\mathcal{O}(1; \{18, 9, 3^5, 2^{11}\})$	62208
18	$\mathcal{O}(1; \{18, 9, 3^8, 2^7\})$	497664
18	$\mathcal{O}(1; \{18, 9, 3^{11}, 2^3\})$	3981312
18	$\mathcal{O}(1; \{18, 9, 6, 2^{16}\})$	3888
18	$\mathcal{O}(1; \{18, 9, 6, 3^3, 2^{12}\})$	31104
18	$\mathcal{O}(1; \{18, 9, 6, 3^6, 2^8\})$	248832
18	$\mathcal{O}(1; \{18, 9, 6, 3^9, 2^4\})$	1990656
18	$\mathcal{O}(1; \{18, 9, 6, 3^{12}\})$	15925248
18	$\mathcal{O}(1; \{18, 9, 6^2, 3, 2^{13}\})$	15552
18	$\mathcal{O}(1; \{18, 9, 6^2, 3^4, 2^9\})$	124416
18	$\mathcal{O}(1; \{18, 9, 6^2, 3^7, 2^5\})$	995328
18	$\mathcal{O}(1; \{18, 9, 6^2, 3^{10}, 2\})$	7962624
18	$\mathcal{O}(1; \{18, 9, 6^3, 3^2, 2^{10}\})$	62208
18	$\mathcal{O}(1; \{18, 9, 6^3, 3^5, 2^6\})$	497664
18	$\mathcal{O}(1; \{18, 9, 6^3, 3^8, 2^2\})$	3981312
18	$\mathcal{O}(1; \{18, 9, 6^4, 2^{11}\})$	31104
18	$\mathcal{O}(1; \{18, 9, 6^4, 3^3, 2^7\})$	248832

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18, 9, 6^4, 3^6, 2^3\})$	1990656
18	$\mathcal{O}(1; \{18, 9, 6^5, 3, 2^8\})$	124416
18	$\mathcal{O}(1; \{18, 9, 6^5, 3^4, 2^4\})$	995328
18	$\mathcal{O}(1; \{18, 9, 6^5, 3^7\})$	7962624
18	$\mathcal{O}(1; \{18, 9, 6^6, 3^2, 2^5\})$	497664
18	$\mathcal{O}(1; \{18, 9, 6^6, 3^5, 2\})$	3981312
18	$\mathcal{O}(1; \{18, 9, 6^7, 2^6\})$	248832
18	$\mathcal{O}(1; \{18, 9, 6^7, 3^3, 2^2\})$	1990656
18	$\mathcal{O}(1; \{18, 9, 6^8, 3, 2^3\})$	995328
18	$\mathcal{O}(1; \{18, 9, 6^9, 3^2\})$	3981312
18	$\mathcal{O}(1; \{18, 9, 6^{10}, 2\})$	1990656
18	$\mathcal{O}(1; \{18, 9^4, 3, 2^{11}\})$	524880
18	$\mathcal{O}(1; \{18, 9^4, 3^4, 2^7\})$	4199040
18	$\mathcal{O}(1; \{18, 9^4, 3^7, 2^3\})$	33592320
18	$\mathcal{O}(1; \{18, 9^4, 6, 3^2, 2^8\})$	2099520
18	$\mathcal{O}(1; \{18, 9^4, 6, 3^5, 2^4\})$	16796160
18	$\mathcal{O}(1; \{18, 9^4, 6, 3^8\})$	134369280
18	$\mathcal{O}(1; \{18, 9^4, 6^2, 2^9\})$	1049760
18	$\mathcal{O}(1; \{18, 9^4, 6^2, 3^3, 2^5\})$	8398080
18	$\mathcal{O}(1; \{18, 9^4, 6^2, 3^6, 2\})$	67184640
18	$\mathcal{O}(1; \{18, 9^4, 6^3, 3, 2^6\})$	4199040
18	$\mathcal{O}(1; \{18, 9^4, 6^3, 3^4, 2^2\})$	33592320
18	$\mathcal{O}(1; \{18, 9^4, 6^4, 3^2, 2^3\})$	16796160
18	$\mathcal{O}(1; \{18, 9^4, 6^5, 2^4\})$	8398080
18	$\mathcal{O}(1; \{18, 9^4, 6^5, 3^3\})$	67184640
18	$\mathcal{O}(1; \{18, 9^4, 6^6, 3, 2\})$	33592320
18	$\mathcal{O}(1; \{18, 9^7, 2^7\})$	60938568
18	$\mathcal{O}(1; \{18, 9^7, 3^3, 2^3\})$	487508544
18	$\mathcal{O}(1; \{18, 9^7, 6, 3, 2^4\})$	243754272
18	$\mathcal{O}(1; \{18, 9^7, 6, 3^4\})$	1950034176
18	$\mathcal{O}(1; \{18, 9^7, 6^2, 3^2, 2\})$	975017088
18	$\mathcal{O}(1; \{18, 9^7, 6^3, 2^2\})$	487508544
18	$\mathcal{O}(1; \{18, 9^{10}, 6\})$	26095878864
18	$\mathcal{O}(1; \{18^2, 9^2, 2^{14}\})$	52488
18	$\mathcal{O}(1; \{18^2, 9^2, 3^3, 2^{10}\})$	419904
18	$\mathcal{O}(1; \{18^2, 9^2, 3^6, 2^6\})$	3359232
18	$\mathcal{O}(1; \{18^2, 9^2, 3^9, 2^2\})$	26873856
18	$\mathcal{O}(1; \{18^2, 9^2, 6, 3, 2^{11}\})$	209952
18	$\mathcal{O}(1; \{18^2, 9^2, 6, 3^4, 2^7\})$	1679616
18	$\mathcal{O}(1; \{18^2, 9^2, 6, 3^7, 2^3\})$	13436928
18	$\mathcal{O}(1; \{18^2, 9^2, 6^2, 3^2, 2^8\})$	839808
18	$\mathcal{O}(1; \{18^2, 9^2, 6^2, 3^5, 2^4\})$	6718464
18	$\mathcal{O}(1; \{18^2, 9^2, 6^2, 3^8\})$	53747712

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18^2, 9^2, 6^3, 2^9\})$	419904
18	$\mathcal{O}(1; \{18^2, 9^2, 6^3, 3^3, 2^5\})$	3359232
18	$\mathcal{O}(1; \{18^2, 9^2, 6^3, 3^6, 2\})$	26873856
18	$\mathcal{O}(1; \{18^2, 9^2, 6^4, 3, 2^6\})$	1679616
18	$\mathcal{O}(1; \{18^2, 9^2, 6^4, 3^4, 2^2\})$	13436928
18	$\mathcal{O}(1; \{18^2, 9^2, 6^5, 3^2, 2^3\})$	6718464
18	$\mathcal{O}(1; \{18^2, 9^2, 6^6, 2^4\})$	3359232
18	$\mathcal{O}(1; \{18^2, 9^2, 6^6, 3^3\})$	26873856
18	$\mathcal{O}(1; \{18^2, 9^2, 6^7, 3, 2\})$	13436928
18	$\mathcal{O}(1; \{18^2, 9^5, 3^2, 2^6\})$	39680928
18	$\mathcal{O}(1; \{18^2, 9^5, 3^5, 2^2\})$	317447424
18	$\mathcal{O}(1; \{18^2, 9^5, 6, 2^7\})$	19840464
18	$\mathcal{O}(1; \{18^2, 9^5, 6, 3^3, 2^3\})$	158723712
18	$\mathcal{O}(1; \{18^2, 9^5, 6^2, 3, 2^4\})$	79361856
18	$\mathcal{O}(1; \{18^2, 9^5, 6^2, 3^4\})$	634894848
18	$\mathcal{O}(1; \{18^2, 9^5, 6^3, 3^2, 2\})$	317447424
18	$\mathcal{O}(1; \{18^2, 9^5, 6^4, 2^2\})$	158723712
18	$\mathcal{O}(1; \{18^2, 9^8, 3, 2^2\})$	4362067728
18	$\mathcal{O}(1; \{18^2, 9^8, 6^2\})$	8724135456
18	$\mathcal{O}(1; \{18^3, 3^2, 2^{13}\})$	23328
18	$\mathcal{O}(1; \{18^3, 3^5, 2^9\})$	186624
18	$\mathcal{O}(1; \{18^3, 3^8, 2^5\})$	1492992
18	$\mathcal{O}(1; \{18^3, 3^{11}, 2\})$	11943936
18	$\mathcal{O}(1; \{18^3, 6, 2^{14}\})$	11664
18	$\mathcal{O}(1; \{18^3, 6, 3^3, 2^{10}\})$	93312
18	$\mathcal{O}(1; \{18^3, 6, 3^6, 2^6\})$	746496
18	$\mathcal{O}(1; \{18^3, 6, 3^9, 2^2\})$	5971968
18	$\mathcal{O}(1; \{18^3, 6^2, 3, 2^{11}\})$	46656
18	$\mathcal{O}(1; \{18^3, 6^2, 3^4, 2^7\})$	373248
18	$\mathcal{O}(1; \{18^3, 6^2, 3^7, 2^3\})$	2985984
18	$\mathcal{O}(1; \{18^3, 6^3, 3^2, 2^8\})$	186624
18	$\mathcal{O}(1; \{18^3, 6^3, 3^5, 2^4\})$	1492992
18	$\mathcal{O}(1; \{18^3, 6^3, 3^8\})$	11943936
18	$\mathcal{O}(1; \{18^3, 6^4, 2^9\})$	93312
18	$\mathcal{O}(1; \{18^3, 6^4, 3^3, 2^5\})$	746496
18	$\mathcal{O}(1; \{18^3, 6^4, 3^6, 2\})$	5971968
18	$\mathcal{O}(1; \{18^3, 6^5, 3, 2^6\})$	373248
18	$\mathcal{O}(1; \{18^3, 6^5, 3^4, 2^2\})$	2985984
18	$\mathcal{O}(1; \{18^3, 6^6, 3^2, 2^3\})$	1492992
18	$\mathcal{O}(1; \{18^3, 6^7, 2^4\})$	746496
18	$\mathcal{O}(1; \{18^3, 6^7, 3^3\})$	5971968
18	$\mathcal{O}(1; \{18^3, 6^8, 3, 2\})$	2985984
18	$\mathcal{O}(1; \{18^3, 9^3, 3, 2^9\})$	3464208

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18^3, 9^3, 3^4, 2^5\})$	27713664
18	$\mathcal{O}(1; \{18^3, 9^3, 3^7, 2\})$	221709312
18	$\mathcal{O}(1; \{18^3, 9^3, 6, 3^2, 2^6\})$	13856832
18	$\mathcal{O}(1; \{18^3, 9^3, 6, 3^5, 2^2\})$	110854656
18	$\mathcal{O}(1; \{18^3, 9^3, 6^2, 2^7\})$	6928416
18	$\mathcal{O}(1; \{18^3, 9^3, 6^2, 3^3, 2^3\})$	55427328
18	$\mathcal{O}(1; \{18^3, 9^3, 6^3, 3, 2^4\})$	27713664
18	$\mathcal{O}(1; \{18^3, 9^3, 6^3, 3^4\})$	221709312
18	$\mathcal{O}(1; \{18^3, 9^3, 6^4, 3^2, 2\})$	110854656
18	$\mathcal{O}(1; \{18^3, 9^3, 6^5, 2^2\})$	55427328
18	$\mathcal{O}(1; \{18^3, 9^6, 2^5\})$	361379880
18	$\mathcal{O}(1; \{18^3, 9^6, 3^3, 2\})$	2891039040
18	$\mathcal{O}(1; \{18^3, 9^6, 6, 3, 2^2\})$	1445519520
18	$\mathcal{O}(1; \{18^3, 9^6, 6^3\})$	2891039040
18	$\mathcal{O}(1; \{18^4, 9, 2^{12}\})$	262440
18	$\mathcal{O}(1; \{18^4, 9, 3^3, 2^8\})$	2099520
18	$\mathcal{O}(1; \{18^4, 9, 3^6, 2^4\})$	16796160
18	$\mathcal{O}(1; \{18^4, 9, 3^9\})$	134369280
18	$\mathcal{O}(1; \{18^4, 9, 6, 3, 2^9\})$	1049760
18	$\mathcal{O}(1; \{18^4, 9, 6, 3^4, 2^5\})$	8398080
18	$\mathcal{O}(1; \{18^4, 9, 6, 3^7, 2\})$	67184640
18	$\mathcal{O}(1; \{18^4, 9, 6^2, 3^2, 2^6\})$	4199040
18	$\mathcal{O}(1; \{18^4, 9, 6^2, 3^5, 2^2\})$	33592320
18	$\mathcal{O}(1; \{18^4, 9, 6^3, 2^7\})$	2099520
18	$\mathcal{O}(1; \{18^4, 9, 6^3, 3^3, 2^3\})$	16796160
18	$\mathcal{O}(1; \{18^4, 9, 6^4, 3, 2^4\})$	8398080
18	$\mathcal{O}(1; \{18^4, 9, 6^4, 3^4\})$	67184640
18	$\mathcal{O}(1; \{18^4, 9, 6^5, 3^2, 2\})$	33592320
18	$\mathcal{O}(1; \{18^4, 9, 6^6, 2^2\})$	16796160
18	$\mathcal{O}(1; \{18^4, 9^4, 3^2, 2^4\})$	243754272
18	$\mathcal{O}(1; \{18^4, 9^4, 3^5\})$	1950034176
18	$\mathcal{O}(1; \{18^4, 9^4, 6, 2^5\})$	121877136
18	$\mathcal{O}(1; \{18^4, 9^4, 6, 3^3, 2\})$	975017088
18	$\mathcal{O}(1; \{18^4, 9^4, 6^2, 3, 2^2\})$	487508544
18	$\mathcal{O}(1; \{18^4, 9^4, 6^4\})$	975017088
18	$\mathcal{O}(1; \{18^4, 9^7, 3\})$	26095878864
18	$\mathcal{O}(1; \{18^5, 9^2, 3, 2^7\})$	19840464
18	$\mathcal{O}(1; \{18^5, 9^2, 3^4, 2^3\})$	158723712
18	$\mathcal{O}(1; \{18^5, 9^2, 6, 3^2, 2^4\})$	79361856
18	$\mathcal{O}(1; \{18^5, 9^2, 6, 3^5\})$	634894848
18	$\mathcal{O}(1; \{18^5, 9^2, 6^2, 2^5\})$	39680928
18	$\mathcal{O}(1; \{18^5, 9^2, 6^2, 3^3, 2\})$	317447424
18	$\mathcal{O}(1; \{18^5, 9^2, 6^3, 3, 2^2\})$	158723712

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18^5, 9^2, 6^5\})$	317447424
18	$\mathcal{O}(1; \{18^5, 9^5, 2^3\})$	2181033864
18	$\mathcal{O}(1; \{18^5, 9^5, 6, 3\})$	8724135456
18	$\mathcal{O}(1; \{18^6, 2^{10}\})$	1732104
18	$\mathcal{O}(1; \{18^6, 3^3, 2^6\})$	13856832
18	$\mathcal{O}(1; \{18^6, 3^6, 2^2\})$	110854656
18	$\mathcal{O}(1; \{18^6, 6, 3, 2^7\})$	6928416
18	$\mathcal{O}(1; \{18^6, 6, 3^4, 2^3\})$	55427328
18	$\mathcal{O}(1; \{18^6, 6^2, 3^2, 2^4\})$	27713664
18	$\mathcal{O}(1; \{18^6, 6^2, 3^5\})$	221709312
18	$\mathcal{O}(1; \{18^6, 6^3, 2^5\})$	13856832
18	$\mathcal{O}(1; \{18^6, 6^3, 3^3, 2\})$	110854656
18	$\mathcal{O}(1; \{18^6, 6^4, 3, 2^2\})$	55427328
18	$\mathcal{O}(1; \{18^6, 6^6\})$	110854656
18	$\mathcal{O}(1; \{18^6, 9^3, 3^2, 2^2\})$	1445519520
18	$\mathcal{O}(1; \{18^6, 9^3, 6, 2^3\})$	722759760
18	$\mathcal{O}(1; \{18^6, 9^3, 6^2, 3\})$	2891039040
18	$\mathcal{O}(1; \{18^7, 9, 3, 2^5\})$	121877136
18	$\mathcal{O}(1; \{18^7, 9, 3^4, 2\})$	975017088
18	$\mathcal{O}(1; \{18^7, 9, 6, 3^2, 2^2\})$	487508544
18	$\mathcal{O}(1; \{18^7, 9, 6^2, 2^3\})$	243754272
18	$\mathcal{O}(1; \{18^7, 9, 6^3, 3\})$	975017088
18	$\mathcal{O}(1; \{18^7, 9^4, 2\})$	13047939432
18	$\mathcal{O}(1; \{18^8, 9^2, 3^2\})$	8724135456
18	$\mathcal{O}(1; \{18^8, 9^2, 6, 2\})$	4362067728
18	$\mathcal{O}(1; \{18^9, 3, 2^3\})$	722759760
18	$\mathcal{O}(1; \{18^9, 6, 3^2\})$	2891039040
18	$\mathcal{O}(1; \{18^9, 6^2, 2\})$	1445519520
18	$\mathcal{O}(0; \{9^3, 2^{20}\})$	18
18	$\mathcal{O}(0; \{9^3, 3^3, 2^{16}\})$	144
18	$\mathcal{O}(0; \{9^3, 3^6, 2^{12}\})$	1152
18	$\mathcal{O}(0; \{9^3, 3^9, 2^8\})$	9216
18	$\mathcal{O}(0; \{9^3, 3^{12}, 2^4\})$	73728
18	$\mathcal{O}(0; \{9^3, 6, 3, 2^{17}\})$	72
18	$\mathcal{O}(0; \{9^3, 6, 3^4, 2^{13}\})$	576
18	$\mathcal{O}(0; \{9^3, 6, 3^7, 2^9\})$	4608
18	$\mathcal{O}(0; \{9^3, 6, 3^{10}, 2^5\})$	36864
18	$\mathcal{O}(0; \{9^3, 6, 3^{13}, 2\})$	294912
18	$\mathcal{O}(0; \{9^3, 6^2, 3^2, 2^{14}\})$	288
18	$\mathcal{O}(0; \{9^3, 6^2, 3^5, 2^{10}\})$	2304
18	$\mathcal{O}(0; \{9^3, 6^2, 3^8, 2^6\})$	18432
18	$\mathcal{O}(0; \{9^3, 6^2, 3^{11}, 2^2\})$	147456
18	$\mathcal{O}(0; \{9^3, 6^3, 2^{15}\})$	144

Continued on next page

Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{9^3, 6^3, 3^3, 2^{11}\})$	1152
18	$\mathcal{O}(0; \{9^3, 6^3, 3^6, 2^7\})$	9216
18	$\mathcal{O}(0; \{9^3, 6^3, 3^9, 2^3\})$	73728
18	$\mathcal{O}(0; \{9^3, 6^4, 3, 2^{12}\})$	576
18	$\mathcal{O}(0; \{9^3, 6^4, 3^4, 2^8\})$	4608
18	$\mathcal{O}(0; \{9^3, 6^4, 3^7, 2^4\})$	36864
18	$\mathcal{O}(0; \{9^3, 6^4, 3^{10}\})$	294912
18	$\mathcal{O}(0; \{9^3, 6^5, 3^2, 2^9\})$	2304
18	$\mathcal{O}(0; \{9^3, 6^5, 3^5, 2^5\})$	18432
18	$\mathcal{O}(0; \{9^3, 6^5, 3^8, 2\})$	147456
18	$\mathcal{O}(0; \{9^3, 6^6, 2^{10}\})$	1152
18	$\mathcal{O}(0; \{9^3, 6^6, 3^3, 2^6\})$	9216
18	$\mathcal{O}(0; \{9^3, 6^6, 3^6, 2^2\})$	73728
18	$\mathcal{O}(0; \{9^3, 6^7, 3, 2^7\})$	4608
18	$\mathcal{O}(0; \{9^3, 6^7, 3^4, 2^3\})$	36864
18	$\mathcal{O}(0; \{9^3, 6^8, 3^2, 2^4\})$	18432
18	$\mathcal{O}(0; \{9^3, 6^8, 3^5\})$	147456
18	$\mathcal{O}(0; \{9^3, 6^9, 2^5\})$	9216
18	$\mathcal{O}(0; \{9^3, 6^9, 3^3, 2\})$	73728
18	$\mathcal{O}(0; \{9^3, 6^{10}, 3, 2^2\})$	36864
18	$\mathcal{O}(0; \{9^3, 6^{12}\})$	73728
18	$\mathcal{O}(0; \{9^6, 3^2, 2^{12}\})$	21384
18	$\mathcal{O}(0; \{9^6, 3^5, 2^8\})$	171072
18	$\mathcal{O}(0; \{9^6, 3^8, 2^4\})$	1368576
18	$\mathcal{O}(0; \{9^6, 6, 2^{13}\})$	10692
18	$\mathcal{O}(0; \{9^6, 6, 3^3, 2^9\})$	85536
18	$\mathcal{O}(0; \{9^6, 6, 3^6, 2^5\})$	684288
18	$\mathcal{O}(0; \{9^6, 6, 3^9, 2\})$	5474304
18	$\mathcal{O}(0; \{9^6, 6^2, 3, 2^{10}\})$	42768
18	$\mathcal{O}(0; \{9^6, 6^2, 3^4, 2^6\})$	342144
18	$\mathcal{O}(0; \{9^6, 6^2, 3^7, 2^2\})$	2737152
18	$\mathcal{O}(0; \{9^6, 6^3, 3^2, 2^7\})$	171072
18	$\mathcal{O}(0; \{9^6, 6^3, 3^5, 2^3\})$	1368576
18	$\mathcal{O}(0; \{9^6, 6^4, 2^8\})$	85536
18	$\mathcal{O}(0; \{9^6, 6^4, 3^3, 2^4\})$	684288
18	$\mathcal{O}(0; \{9^6, 6^4, 3^6\})$	5474304
18	$\mathcal{O}(0; \{9^6, 6^5, 3, 2^5\})$	342144
18	$\mathcal{O}(0; \{9^6, 6^5, 3^4, 2\})$	2737152
18	$\mathcal{O}(0; \{9^6, 6^6, 3^2, 2^2\})$	1368576
18	$\mathcal{O}(0; \{9^6, 6^7, 2^3\})$	684288
18	$\mathcal{O}(0; \{9^6, 6^8, 3\})$	2737152
18	$\mathcal{O}(0; \{9^9, 3, 2^8\})$	2230740
18	$\mathcal{O}(0; \{9^9, 3^4, 2^4\})$	17845920

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{9^9, 6, 3^2, 2^5\})$	8922960
18	$\mathcal{O}(0; \{9^9, 6, 3^5, 2\})$	71383680
18	$\mathcal{O}(0; \{9^9, 6^2, 2^6\})$	4461480
18	$\mathcal{O}(0; \{9^9, 6^2, 3^3, 2^2\})$	35691840
18	$\mathcal{O}(0; \{9^9, 6^3, 3, 2^3\})$	17845920
18	$\mathcal{O}(0; \{9^9, 6^4, 3^2\})$	71383680
18	$\mathcal{O}(0; \{9^9, 6^5, 2\})$	35691840
18	$\mathcal{O}(0; \{9^{12}, 2^4\})$	241982802
18	$\mathcal{O}(0; \{9^{12}, 6, 3, 2\})$	967931208
18	$\mathcal{O}(0; \{18, 9, 3^2, 2^{19}\})$	24
18	$\mathcal{O}(0; \{18, 9, 3^5, 2^{15}\})$	192
18	$\mathcal{O}(0; \{18, 9, 3^8, 2^{11}\})$	1536
18	$\mathcal{O}(0; \{18, 9, 3^{11}, 2^7\})$	12288
18	$\mathcal{O}(0; \{18, 9, 3^{14}, 2^3\})$	98304
18	$\mathcal{O}(0; \{18, 9, 6, 2^{20}\})$	12
18	$\mathcal{O}(0; \{18, 9, 6, 3^3, 2^{16}\})$	96
18	$\mathcal{O}(0; \{18, 9, 6, 3^6, 2^{12}\})$	768
18	$\mathcal{O}(0; \{18, 9, 6, 3^9, 2^8\})$	6144
18	$\mathcal{O}(0; \{18, 9, 6, 3^{12}, 2^4\})$	49152
18	$\mathcal{O}(0; \{18, 9, 6, 3^{15}\})$	393216
18	$\mathcal{O}(0; \{18, 9, 6^2, 3, 2^{17}\})$	48
18	$\mathcal{O}(0; \{18, 9, 6^2, 3^4, 2^{13}\})$	384
18	$\mathcal{O}(0; \{18, 9, 6^2, 3^7, 2^9\})$	3072
18	$\mathcal{O}(0; \{18, 9, 6^2, 3^{10}, 2^5\})$	24576
18	$\mathcal{O}(0; \{18, 9, 6^2, 3^{13}, 2\})$	196608
18	$\mathcal{O}(0; \{18, 9, 6^3, 3^2, 2^{14}\})$	192
18	$\mathcal{O}(0; \{18, 9, 6^3, 3^5, 2^{10}\})$	1536
18	$\mathcal{O}(0; \{18, 9, 6^3, 3^8, 2^6\})$	12288
18	$\mathcal{O}(0; \{18, 9, 6^3, 3^{11}, 2^2\})$	98304
18	$\mathcal{O}(0; \{18, 9, 6^4, 2^{15}\})$	96
18	$\mathcal{O}(0; \{18, 9, 6^4, 3^3, 2^{11}\})$	768
18	$\mathcal{O}(0; \{18, 9, 6^4, 3^6, 2^7\})$	6144
18	$\mathcal{O}(0; \{18, 9, 6^4, 3^9, 2^3\})$	49152
18	$\mathcal{O}(0; \{18, 9, 6^5, 3, 2^{12}\})$	384
18	$\mathcal{O}(0; \{18, 9, 6^5, 3^4, 2^8\})$	3072
18	$\mathcal{O}(0; \{18, 9, 6^5, 3^7, 2^4\})$	24576
18	$\mathcal{O}(0; \{18, 9, 6^5, 3^{10}\})$	196608
18	$\mathcal{O}(0; \{18, 9, 6^6, 3^2, 2^9\})$	1536
18	$\mathcal{O}(0; \{18, 9, 6^6, 3^5, 2^5\})$	12288
18	$\mathcal{O}(0; \{18, 9, 6^6, 3^8, 2\})$	98304
18	$\mathcal{O}(0; \{18, 9, 6^7, 2^{10}\})$	768
18	$\mathcal{O}(0; \{18, 9, 6^7, 3^3, 2^6\})$	6144
18	$\mathcal{O}(0; \{18, 9, 6^7, 3^6, 2^2\})$	49152

Continued on next page

Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18, 9, 6^8, 3, 2^7\})$	3072
18	$\mathcal{O}(0; \{18, 9, 6^8, 3^4, 2^3\})$	24576
18	$\mathcal{O}(0; \{18, 9, 6^9, 3^2, 2^4\})$	12288
18	$\mathcal{O}(0; \{18, 9, 6^9, 3^5\})$	98304
18	$\mathcal{O}(0; \{18, 9, 6^{10}, 2^5\})$	6144
18	$\mathcal{O}(0; \{18, 9, 6^{10}, 3^3, 2\})$	49152
18	$\mathcal{O}(0; \{18, 9, 6^{11}, 3, 2^2\})$	24576
18	$\mathcal{O}(0; \{18, 9, 6^{13}\})$	49152
18	$\mathcal{O}(0; \{18, 9^4, 3, 2^{15}\})$	1620
18	$\mathcal{O}(0; \{18, 9^4, 3^4, 2^{11}\})$	12960
18	$\mathcal{O}(0; \{18, 9^4, 3^7, 2^7\})$	103680
18	$\mathcal{O}(0; \{18, 9^4, 3^{10}, 2^3\})$	829440
18	$\mathcal{O}(0; \{18, 9^4, 6, 3^2, 2^{12}\})$	6480
18	$\mathcal{O}(0; \{18, 9^4, 6, 3^5, 2^8\})$	51840
18	$\mathcal{O}(0; \{18, 9^4, 6, 3^8, 2^4\})$	414720
18	$\mathcal{O}(0; \{18, 9^4, 6, 3^{11}\})$	3317760
18	$\mathcal{O}(0; \{18, 9^4, 6^2, 2^{13}\})$	3240
18	$\mathcal{O}(0; \{18, 9^4, 6^2, 3^3, 2^9\})$	25920
18	$\mathcal{O}(0; \{18, 9^4, 6^2, 3^6, 2^5\})$	207360
18	$\mathcal{O}(0; \{18, 9^4, 6^2, 3^9, 2\})$	1658880
18	$\mathcal{O}(0; \{18, 9^4, 6^3, 3, 2^{10}\})$	12960
18	$\mathcal{O}(0; \{18, 9^4, 6^3, 3^4, 2^6\})$	103680
18	$\mathcal{O}(0; \{18, 9^4, 6^3, 3^7, 2^2\})$	829440
18	$\mathcal{O}(0; \{18, 9^4, 6^4, 3^2, 2^7\})$	51840
18	$\mathcal{O}(0; \{18, 9^4, 6^4, 3^5, 2^3\})$	414720
18	$\mathcal{O}(0; \{18, 9^4, 6^5, 2^8\})$	25920
18	$\mathcal{O}(0; \{18, 9^4, 6^5, 3^3, 2^4\})$	207360
18	$\mathcal{O}(0; \{18, 9^4, 6^5, 3^6\})$	1658880
18	$\mathcal{O}(0; \{18, 9^4, 6^6, 3, 2^5\})$	103680
18	$\mathcal{O}(0; \{18, 9^4, 6^6, 3^4, 2\})$	829440
18	$\mathcal{O}(0; \{18, 9^4, 6^7, 3^2, 2^2\})$	414720
18	$\mathcal{O}(0; \{18, 9^4, 6^8, 2^3\})$	207360
18	$\mathcal{O}(0; \{18, 9^4, 6^9, 3\})$	829440
18	$\mathcal{O}(0; \{18, 9^7, 2^{11}\})$	188082
18	$\mathcal{O}(0; \{18, 9^7, 3^3, 2^7\})$	1504656
18	$\mathcal{O}(0; \{18, 9^7, 3^6, 2^3\})$	12037248
18	$\mathcal{O}(0; \{18, 9^7, 6, 3, 2^8\})$	752328
18	$\mathcal{O}(0; \{18, 9^7, 6, 3^4, 2^4\})$	6018624
18	$\mathcal{O}(0; \{18, 9^7, 6, 3^7\})$	48148992
18	$\mathcal{O}(0; \{18, 9^7, 6^2, 3^2, 2^5\})$	3009312
18	$\mathcal{O}(0; \{18, 9^7, 6^2, 3^5, 2\})$	24074496
18	$\mathcal{O}(0; \{18, 9^7, 6^3, 2^6\})$	1504656
18	$\mathcal{O}(0; \{18, 9^7, 6^3, 3^3, 2^2\})$	12037248

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18, 9^7, 6^4, 3, 2^3\})$	6018624
18	$\mathcal{O}(0; \{18, 9^7, 6^5, 3^2\})$	24074496
18	$\mathcal{O}(0; \{18, 9^7, 6^6, 2\})$	12037248
18	$\mathcal{O}(0; \{18, 9^{10}, 3^2, 2^3\})$	161085672
18	$\mathcal{O}(0; \{18, 9^{10}, 6, 2^4\})$	80542836
18	$\mathcal{O}(0; \{18, 9^{10}, 6, 3^3\})$	644342688
18	$\mathcal{O}(0; \{18, 9^{10}, 6^2, 3, 2\})$	322171344
18	$\mathcal{O}(0; \{18^2, 9^2, 2^{18}\})$	162
18	$\mathcal{O}(0; \{18^2, 9^2, 3^3, 2^{14}\})$	1296
18	$\mathcal{O}(0; \{18^2, 9^2, 3^6, 2^{10}\})$	10368
18	$\mathcal{O}(0; \{18^2, 9^2, 3^9, 2^6\})$	82944
18	$\mathcal{O}(0; \{18^2, 9^2, 3^{12}, 2^2\})$	663552
18	$\mathcal{O}(0; \{18^2, 9^2, 6, 3, 2^{15}\})$	648
18	$\mathcal{O}(0; \{18^2, 9^2, 6, 3^4, 2^{11}\})$	5184
18	$\mathcal{O}(0; \{18^2, 9^2, 6, 3^7, 2^7\})$	41472
18	$\mathcal{O}(0; \{18^2, 9^2, 6, 3^{10}, 2^3\})$	331776
18	$\mathcal{O}(0; \{18^2, 9^2, 6^2, 3^2, 2^{12}\})$	2592
18	$\mathcal{O}(0; \{18^2, 9^2, 6^2, 3^5, 2^8\})$	20736
18	$\mathcal{O}(0; \{18^2, 9^2, 6^2, 3^8, 2^4\})$	165888
18	$\mathcal{O}(0; \{18^2, 9^2, 6^2, 3^{11}\})$	1327104
18	$\mathcal{O}(0; \{18^2, 9^2, 6^3, 2^{13}\})$	1296
18	$\mathcal{O}(0; \{18^2, 9^2, 6^3, 3^3, 2^9\})$	10368
18	$\mathcal{O}(0; \{18^2, 9^2, 6^3, 3^6, 2^5\})$	82944
18	$\mathcal{O}(0; \{18^2, 9^2, 6^3, 3^9, 2\})$	663552
18	$\mathcal{O}(0; \{18^2, 9^2, 6^4, 3, 2^{10}\})$	5184
18	$\mathcal{O}(0; \{18^2, 9^2, 6^4, 3^4, 2^6\})$	41472
18	$\mathcal{O}(0; \{18^2, 9^2, 6^4, 3^7, 2^2\})$	331776
18	$\mathcal{O}(0; \{18^2, 9^2, 6^5, 3^2, 2^7\})$	20736
18	$\mathcal{O}(0; \{18^2, 9^2, 6^5, 3^5, 2^3\})$	165888
18	$\mathcal{O}(0; \{18^2, 9^2, 6^6, 2^8\})$	10368
18	$\mathcal{O}(0; \{18^2, 9^2, 6^6, 3^3, 2^4\})$	82944
18	$\mathcal{O}(0; \{18^2, 9^2, 6^6, 3^6\})$	663552
18	$\mathcal{O}(0; \{18^2, 9^2, 6^7, 3, 2^5\})$	41472
18	$\mathcal{O}(0; \{18^2, 9^2, 6^7, 3^4, 2\})$	331776
18	$\mathcal{O}(0; \{18^2, 9^2, 6^8, 3^2, 2^2\})$	165888
18	$\mathcal{O}(0; \{18^2, 9^2, 6^9, 2^3\})$	82944
18	$\mathcal{O}(0; \{18^2, 9^2, 6^{10}, 3\})$	331776
18	$\mathcal{O}(0; \{18^2, 9^5, 3^2, 2^{10}\})$	122472
18	$\mathcal{O}(0; \{18^2, 9^5, 3^5, 2^6\})$	979776
18	$\mathcal{O}(0; \{18^2, 9^5, 3^8, 2^2\})$	7838208
18	$\mathcal{O}(0; \{18^2, 9^5, 6, 2^{11}\})$	61236
18	$\mathcal{O}(0; \{18^2, 9^5, 6, 3^3, 2^7\})$	489888
18	$\mathcal{O}(0; \{18^2, 9^5, 6, 3^6, 2^3\})$	3919104

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^2, 9^5, 6^2, 3, 2^8\})$	244944
18	$\mathcal{O}(0; \{18^2, 9^5, 6^2, 3^4, 2^4\})$	1959552
18	$\mathcal{O}(0; \{18^2, 9^5, 6^2, 3^7\})$	15676416
18	$\mathcal{O}(0; \{18^2, 9^5, 6^3, 3^2, 2^5\})$	979776
18	$\mathcal{O}(0; \{18^2, 9^5, 6^3, 3^5, 2\})$	7838208
18	$\mathcal{O}(0; \{18^2, 9^5, 6^4, 2^6\})$	489888
18	$\mathcal{O}(0; \{18^2, 9^5, 6^4, 3^3, 2^2\})$	3919104
18	$\mathcal{O}(0; \{18^2, 9^5, 6^5, 3, 2^3\})$	1959552
18	$\mathcal{O}(0; \{18^2, 9^5, 6^6, 3^2\})$	7838208
18	$\mathcal{O}(0; \{18^2, 9^5, 6^7, 2\})$	3919104
18	$\mathcal{O}(0; \{18^2, 9^8, 3, 2^6\})$	13463172
18	$\mathcal{O}(0; \{18^2, 9^8, 3^4, 2^2\})$	107705376
18	$\mathcal{O}(0; \{18^2, 9^8, 6, 3^2, 2^3\})$	53852688
18	$\mathcal{O}(0; \{18^2, 9^8, 6^2, 2^4\})$	26926344
18	$\mathcal{O}(0; \{18^2, 9^8, 6^2, 3^3\})$	215410752
18	$\mathcal{O}(0; \{18^2, 9^8, 6^3, 3, 2\})$	107705376
18	$\mathcal{O}(0; \{18^2, 9^{11}, 2^2\})$	1450833930
18	$\mathcal{O}(0; \{18^3, 3^2, 2^{17}\})$	72
18	$\mathcal{O}(0; \{18^3, 3^5, 2^{13}\})$	576
18	$\mathcal{O}(0; \{18^3, 3^8, 2^9\})$	4608
18	$\mathcal{O}(0; \{18^3, 3^{11}, 2^5\})$	36864
18	$\mathcal{O}(0; \{18^3, 3^{14}, 2\})$	294912
18	$\mathcal{O}(0; \{18^3, 6, 2^{18}\})$	36
18	$\mathcal{O}(0; \{18^3, 6, 3^3, 2^{14}\})$	288
18	$\mathcal{O}(0; \{18^3, 6, 3^6, 2^{10}\})$	2304
18	$\mathcal{O}(0; \{18^3, 6, 3^9, 2^6\})$	18432
18	$\mathcal{O}(0; \{18^3, 6, 3^{12}, 2^2\})$	147456
18	$\mathcal{O}(0; \{18^3, 6^2, 3, 2^{15}\})$	144
18	$\mathcal{O}(0; \{18^3, 6^2, 3^4, 2^{11}\})$	1152
18	$\mathcal{O}(0; \{18^3, 6^2, 3^7, 2^7\})$	9216
18	$\mathcal{O}(0; \{18^3, 6^2, 3^{10}, 2^3\})$	73728
18	$\mathcal{O}(0; \{18^3, 6^3, 3^2, 2^{12}\})$	576
18	$\mathcal{O}(0; \{18^3, 6^3, 3^5, 2^8\})$	4608
18	$\mathcal{O}(0; \{18^3, 6^3, 3^8, 2^4\})$	36864
18	$\mathcal{O}(0; \{18^3, 6^3, 3^{11}\})$	294912
18	$\mathcal{O}(0; \{18^3, 6^4, 2^{13}\})$	288
18	$\mathcal{O}(0; \{18^3, 6^4, 3^3, 2^9\})$	2304
18	$\mathcal{O}(0; \{18^3, 6^4, 3^6, 2^5\})$	18432
18	$\mathcal{O}(0; \{18^3, 6^4, 3^9, 2\})$	147456
18	$\mathcal{O}(0; \{18^3, 6^5, 3, 2^{10}\})$	1152
18	$\mathcal{O}(0; \{18^3, 6^5, 3^4, 2^6\})$	9216
18	$\mathcal{O}(0; \{18^3, 6^5, 3^7, 2^2\})$	73728
18	$\mathcal{O}(0; \{18^3, 6^6, 3^2, 2^7\})$	4608

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^3, 6^6, 3^5, 2^3\})$	36864
18	$\mathcal{O}(0; \{18^3, 6^7, 2^8\})$	2304
18	$\mathcal{O}(0; \{18^3, 6^7, 3^3, 2^4\})$	18432
18	$\mathcal{O}(0; \{18^3, 6^7, 3^6\})$	147456
18	$\mathcal{O}(0; \{18^3, 6^8, 3, 2^5\})$	9216
18	$\mathcal{O}(0; \{18^3, 6^8, 3^4, 2\})$	73728
18	$\mathcal{O}(0; \{18^3, 6^9, 3^2, 2^2\})$	36864
18	$\mathcal{O}(0; \{18^3, 6^{10}, 2^3\})$	18432
18	$\mathcal{O}(0; \{18^3, 6^{11}, 3\})$	73728
18	$\mathcal{O}(0; \{18^3, 9^3, 3, 2^{13}\})$	10692
18	$\mathcal{O}(0; \{18^3, 9^3, 3^4, 2^9\})$	85536
18	$\mathcal{O}(0; \{18^3, 9^3, 3^7, 2^5\})$	684288
18	$\mathcal{O}(0; \{18^3, 9^3, 3^{10}, 2\})$	5474304
18	$\mathcal{O}(0; \{18^3, 9^3, 6, 3^2, 2^{10}\})$	42768
18	$\mathcal{O}(0; \{18^3, 9^3, 6, 3^5, 2^6\})$	342144
18	$\mathcal{O}(0; \{18^3, 9^3, 6, 3^8, 2^2\})$	2737152
18	$\mathcal{O}(0; \{18^3, 9^3, 6^2, 2^{11}\})$	21384
18	$\mathcal{O}(0; \{18^3, 9^3, 6^2, 3^3, 2^7\})$	171072
18	$\mathcal{O}(0; \{18^3, 9^3, 6^2, 3^6, 2^3\})$	1368576
18	$\mathcal{O}(0; \{18^3, 9^3, 6^3, 3, 2^8\})$	85536
18	$\mathcal{O}(0; \{18^3, 9^3, 6^3, 3^4, 2^4\})$	684288
18	$\mathcal{O}(0; \{18^3, 9^3, 6^3, 3^7\})$	5474304
18	$\mathcal{O}(0; \{18^3, 9^3, 6^4, 3^2, 2^5\})$	342144
18	$\mathcal{O}(0; \{18^3, 9^3, 6^4, 3^5, 2\})$	2737152
18	$\mathcal{O}(0; \{18^3, 9^3, 6^5, 2^6\})$	171072
18	$\mathcal{O}(0; \{18^3, 9^3, 6^5, 3^3, 2^2\})$	1368576
18	$\mathcal{O}(0; \{18^3, 9^3, 6^6, 3, 2^3\})$	684288
18	$\mathcal{O}(0; \{18^3, 9^3, 6^7, 3^2\})$	2737152
18	$\mathcal{O}(0; \{18^3, 9^3, 6^8, 2\})$	1368576
18	$\mathcal{O}(0; \{18^3, 9^6, 2^9\})$	1115370
18	$\mathcal{O}(0; \{18^3, 9^6, 3^3, 2^5\})$	8922960
18	$\mathcal{O}(0; \{18^3, 9^6, 3^6, 2\})$	71383680
18	$\mathcal{O}(0; \{18^3, 9^6, 6, 3, 2^6\})$	4461480
18	$\mathcal{O}(0; \{18^3, 9^6, 6, 3^4, 2^2\})$	35691840
18	$\mathcal{O}(0; \{18^3, 9^6, 6^2, 3^2, 2^3\})$	17845920
18	$\mathcal{O}(0; \{18^3, 9^6, 6^3, 2^4\})$	8922960
18	$\mathcal{O}(0; \{18^3, 9^6, 6^3, 3^3\})$	71383680
18	$\mathcal{O}(0; \{18^3, 9^6, 6^4, 3, 2\})$	35691840
18	$\mathcal{O}(0; \{18^3, 9^9, 3^2, 2\})$	967931208
18	$\mathcal{O}(0; \{18^3, 9^9, 6, 2^2\})$	483965604
18	$\mathcal{O}(0; \{18^4, 9, 2^{16}\})$	810
18	$\mathcal{O}(0; \{18^4, 9, 3^3, 2^{12}\})$	6480
18	$\mathcal{O}(0; \{18^4, 9, 3^6, 2^8\})$	51840

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^4, 9, 3^9, 2^4\})$	414720
18	$\mathcal{O}(0; \{18^4, 9, 3^{12}\})$	3317760
18	$\mathcal{O}(0; \{18^4, 9, 6, 3, 2^{13}\})$	3240
18	$\mathcal{O}(0; \{18^4, 9, 6, 3^4, 2^9\})$	25920
18	$\mathcal{O}(0; \{18^4, 9, 6, 3^7, 2^5\})$	207360
18	$\mathcal{O}(0; \{18^4, 9, 6, 3^{10}, 2\})$	1658880
18	$\mathcal{O}(0; \{18^4, 9, 6^2, 3^2, 2^{10}\})$	12960
18	$\mathcal{O}(0; \{18^4, 9, 6^2, 3^5, 2^6\})$	103680
18	$\mathcal{O}(0; \{18^4, 9, 6^2, 3^8, 2^2\})$	829440
18	$\mathcal{O}(0; \{18^4, 9, 6^3, 2^{11}\})$	6480
18	$\mathcal{O}(0; \{18^4, 9, 6^3, 3^3, 2^7\})$	51840
18	$\mathcal{O}(0; \{18^4, 9, 6^3, 3^6, 2^3\})$	414720
18	$\mathcal{O}(0; \{18^4, 9, 6^4, 3, 2^8\})$	25920
18	$\mathcal{O}(0; \{18^4, 9, 6^4, 3^4, 2^4\})$	207360
18	$\mathcal{O}(0; \{18^4, 9, 6^4, 3^7\})$	1658880
18	$\mathcal{O}(0; \{18^4, 9, 6^5, 3^2, 2^5\})$	103680
18	$\mathcal{O}(0; \{18^4, 9, 6^5, 3^5, 2\})$	829440
18	$\mathcal{O}(0; \{18^4, 9, 6^6, 2^6\})$	51840
18	$\mathcal{O}(0; \{18^4, 9, 6^6, 3^3, 2^2\})$	414720
18	$\mathcal{O}(0; \{18^4, 9, 6^7, 3, 2^3\})$	207360
18	$\mathcal{O}(0; \{18^4, 9, 6^8, 3^2\})$	829440
18	$\mathcal{O}(0; \{18^4, 9, 6^9, 2\})$	414720
18	$\mathcal{O}(0; \{18^4, 9^4, 3^2, 2^8\})$	752328
18	$\mathcal{O}(0; \{18^4, 9^4, 3^5, 2^4\})$	6018624
18	$\mathcal{O}(0; \{18^4, 9^4, 3^8\})$	48148992
18	$\mathcal{O}(0; \{18^4, 9^4, 6, 2^9\})$	376164
18	$\mathcal{O}(0; \{18^4, 9^4, 6, 3^3, 2^5\})$	3009312
18	$\mathcal{O}(0; \{18^4, 9^4, 6, 3^6, 2\})$	24074496
18	$\mathcal{O}(0; \{18^4, 9^4, 6^2, 3, 2^6\})$	1504656
18	$\mathcal{O}(0; \{18^4, 9^4, 6^2, 3^4, 2^2\})$	12037248
18	$\mathcal{O}(0; \{18^4, 9^4, 6^3, 3^2, 2^3\})$	6018624
18	$\mathcal{O}(0; \{18^4, 9^4, 6^4, 2^4\})$	3009312
18	$\mathcal{O}(0; \{18^4, 9^4, 6^4, 3^3\})$	24074496
18	$\mathcal{O}(0; \{18^4, 9^4, 6^5, 3, 2\})$	12037248
18	$\mathcal{O}(0; \{18^4, 9^7, 3, 2^4\})$	80542836
18	$\mathcal{O}(0; \{18^4, 9^7, 3^4\})$	644342688
18	$\mathcal{O}(0; \{18^4, 9^7, 6, 3^2, 2\})$	322171344
18	$\mathcal{O}(0; \{18^4, 9^7, 6^2, 2^2\})$	161085672
18	$\mathcal{O}(0; \{18^4, 9^{10}\})$	8708192226
18	$\mathcal{O}(0; \{18^5, 9^2, 3, 2^{11}\})$	61236
18	$\mathcal{O}(0; \{18^5, 9^2, 3^4, 2^7\})$	489888
18	$\mathcal{O}(0; \{18^5, 9^2, 3^7, 2^3\})$	3919104
18	$\mathcal{O}(0; \{18^5, 9^2, 6, 3^2, 2^8\})$	244944

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^5, 9^2, 6, 3^5, 2^4\})$	1959552
18	$\mathcal{O}(0; \{18^5, 9^2, 6, 3^8\})$	15676416
18	$\mathcal{O}(0; \{18^5, 9^2, 6^2, 2^9\})$	122472
18	$\mathcal{O}(0; \{18^5, 9^2, 6^2, 3^3, 2^5\})$	979776
18	$\mathcal{O}(0; \{18^5, 9^2, 6^2, 3^6, 2\})$	7838208
18	$\mathcal{O}(0; \{18^5, 9^2, 6^3, 3, 2^6\})$	489888
18	$\mathcal{O}(0; \{18^5, 9^2, 6^3, 3^4, 2^2\})$	3919104
18	$\mathcal{O}(0; \{18^5, 9^2, 6^4, 3^2, 2^3\})$	1959552
18	$\mathcal{O}(0; \{18^5, 9^2, 6^5, 2^4\})$	979776
18	$\mathcal{O}(0; \{18^5, 9^2, 6^5, 3^3\})$	7838208
18	$\mathcal{O}(0; \{18^5, 9^2, 6^6, 3, 2\})$	3919104
18	$\mathcal{O}(0; \{18^5, 9^5, 2^7\})$	6731586
18	$\mathcal{O}(0; \{18^5, 9^5, 3^3, 2^3\})$	53852688
18	$\mathcal{O}(0; \{18^5, 9^5, 6, 3, 2^4\})$	26926344
18	$\mathcal{O}(0; \{18^5, 9^5, 6, 3^4\})$	215410752
18	$\mathcal{O}(0; \{18^5, 9^5, 6^2, 3^2, 2\})$	107705376
18	$\mathcal{O}(0; \{18^5, 9^5, 6^3, 2^2\})$	53852688
18	$\mathcal{O}(0; \{18^5, 9^8, 6\})$	2901667860
18	$\mathcal{O}(0; \{18^6, 2^{14}\})$	5346
18	$\mathcal{O}(0; \{18^6, 3^3, 2^{10}\})$	42768
18	$\mathcal{O}(0; \{18^6, 3^6, 2^6\})$	342144
18	$\mathcal{O}(0; \{18^6, 3^9, 2^2\})$	2737152
18	$\mathcal{O}(0; \{18^6, 6, 3, 2^{11}\})$	21384
18	$\mathcal{O}(0; \{18^6, 6, 3^4, 2^7\})$	171072
18	$\mathcal{O}(0; \{18^6, 6, 3^7, 2^3\})$	1368576
18	$\mathcal{O}(0; \{18^6, 6^2, 3^2, 2^8\})$	85536
18	$\mathcal{O}(0; \{18^6, 6^2, 3^5, 2^4\})$	684288
18	$\mathcal{O}(0; \{18^6, 6^2, 3^8\})$	5474304
18	$\mathcal{O}(0; \{18^6, 6^3, 2^9\})$	42768
18	$\mathcal{O}(0; \{18^6, 6^3, 3^3, 2^5\})$	342144
18	$\mathcal{O}(0; \{18^6, 6^3, 3^6, 2\})$	2737152
18	$\mathcal{O}(0; \{18^6, 6^4, 3, 2^6\})$	171072
18	$\mathcal{O}(0; \{18^6, 6^4, 3^4, 2^2\})$	1368576
18	$\mathcal{O}(0; \{18^6, 6^5, 3^2, 2^3\})$	684288
18	$\mathcal{O}(0; \{18^6, 6^6, 2^4\})$	342144
18	$\mathcal{O}(0; \{18^6, 6^6, 3^3\})$	2737152
18	$\mathcal{O}(0; \{18^6, 6^7, 3, 2\})$	1368576
18	$\mathcal{O}(0; \{18^6, 9^3, 3^2, 2^6\})$	4461480
18	$\mathcal{O}(0; \{18^6, 9^3, 3^5, 2^2\})$	35691840
18	$\mathcal{O}(0; \{18^6, 9^3, 6, 2^7\})$	2230740
18	$\mathcal{O}(0; \{18^6, 9^3, 6, 3^3, 2^3\})$	17845920
18	$\mathcal{O}(0; \{18^6, 9^3, 6^2, 3, 2^4\})$	8922960
18	$\mathcal{O}(0; \{18^6, 9^3, 6^2, 3^4\})$	71383680

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^6, 9^3, 6^3, 3^2, 2\})$	35691840
18	$\mathcal{O}(0; \{18^6, 9^3, 6^4, 2^2\})$	17845920
18	$\mathcal{O}(0; \{18^6, 9^6, 3, 2^2\})$	483965604
18	$\mathcal{O}(0; \{18^6, 9^6, 6^2\})$	967931208
18	$\mathcal{O}(0; \{18^7, 9, 3, 2^9\})$	376164
18	$\mathcal{O}(0; \{18^7, 9, 3^4, 2^5\})$	3009312
18	$\mathcal{O}(0; \{18^7, 9, 3^7, 2\})$	24074496
18	$\mathcal{O}(0; \{18^7, 9, 6, 3^2, 2^6\})$	1504656
18	$\mathcal{O}(0; \{18^7, 9, 6, 3^5, 2^2\})$	12037248
18	$\mathcal{O}(0; \{18^7, 9, 6^2, 2^7\})$	752328
18	$\mathcal{O}(0; \{18^7, 9, 6^2, 3^3, 2^3\})$	6018624
18	$\mathcal{O}(0; \{18^7, 9, 6^3, 3, 2^4\})$	3009312
18	$\mathcal{O}(0; \{18^7, 9, 6^3, 3^4\})$	24074496
18	$\mathcal{O}(0; \{18^7, 9, 6^4, 3^2, 2\})$	12037248
18	$\mathcal{O}(0; \{18^7, 9, 6^5, 2^2\})$	6018624
18	$\mathcal{O}(0; \{18^7, 9^4, 2^5\})$	40271418
18	$\mathcal{O}(0; \{18^7, 9^4, 3^3, 2\})$	322171344
18	$\mathcal{O}(0; \{18^7, 9^4, 6, 3, 2^2\})$	161085672
18	$\mathcal{O}(0; \{18^7, 9^4, 6^3\})$	322171344
18	$\mathcal{O}(0; \{18^8, 9^2, 3^2, 2^4\})$	26926344
18	$\mathcal{O}(0; \{18^8, 9^2, 3^5\})$	215410752
18	$\mathcal{O}(0; \{18^8, 9^2, 6, 2^5\})$	13463172
18	$\mathcal{O}(0; \{18^8, 9^2, 6, 3^3, 2\})$	107705376
18	$\mathcal{O}(0; \{18^8, 9^2, 6^2, 3, 2^2\})$	53852688
18	$\mathcal{O}(0; \{18^8, 9^2, 6^4\})$	107705376
18	$\mathcal{O}(0; \{18^8, 9^5, 3\})$	2901667860
18	$\mathcal{O}(0; \{18^9, 3, 2^7\})$	2230740
18	$\mathcal{O}(0; \{18^9, 3^4, 2^3\})$	17845920
18	$\mathcal{O}(0; \{18^9, 6, 3^2, 2^4\})$	8922960
18	$\mathcal{O}(0; \{18^9, 6, 3^5\})$	71383680
18	$\mathcal{O}(0; \{18^9, 6^2, 2^5\})$	4461480
18	$\mathcal{O}(0; \{18^9, 6^2, 3^3, 2\})$	35691840
18	$\mathcal{O}(0; \{18^9, 6^3, 3, 2^2\})$	17845920
18	$\mathcal{O}(0; \{18^9, 6^5\})$	35691840
18	$\mathcal{O}(0; \{18^9, 9^3, 2^3\})$	241982802
18	$\mathcal{O}(0; \{18^9, 9^3, 6, 3\})$	967931208
18	$\mathcal{O}(0; \{18^{10}, 9, 3^2, 2^2\})$	161085672
18	$\mathcal{O}(0; \{18^{10}, 9, 6, 2^3\})$	80542836
18	$\mathcal{O}(0; \{18^{10}, 9, 6^2, 3\})$	322171344
18	$\mathcal{O}(0; \{18^{11}, 9^2, 2\})$	1450833930
18	$\mathcal{O}(0; \{18^{12}, 3^2\})$	967931208
18	$\mathcal{O}(0; \{18^{12}, 6, 2\})$	483965604
20	$\mathcal{O}(5; \{5^2\})$	4092000000000

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(4; \{5^2, 2^4\})$	102000000000
20	$\mathcal{O}(4; \{5^2, 4^2, 2\})$	204800000000
20	$\mathcal{O}(4; \{10^2, 5, 2^2\})$	306000000000
20	$\mathcal{O}(4; \{10^4\})$	1326000000000
20	$\mathcal{O}(4; \{20, 10, 4, 2^2\})$	204800000000
20	$\mathcal{O}(4; \{20^2, 10, 5\})$	2662400000000
20	$\mathcal{O}(4; \{20^3, 4\})$	2457600000000
20	$\mathcal{O}(3; \{5^2, 2^8\})$	252000000
20	$\mathcal{O}(3; \{5^2, 4^2, 2^5\})$	512000000
20	$\mathcal{O}(3; \{5^2, 4^4, 2^2\})$	2048000000
20	$\mathcal{O}(3; \{5^7\})$	206388000000
20	$\mathcal{O}(3; \{10, 5^4, 2^3\})$	12852000000
20	$\mathcal{O}(3; \{10, 5^4, 4^2\})$	26112000000
20	$\mathcal{O}(3; \{10^2, 5, 2^6\})$	756000000
20	$\mathcal{O}(3; \{10^2, 5, 4^2, 2^3\})$	1536000000
20	$\mathcal{O}(3; \{10^2, 5, 4^4\})$	6144000000
20	$\mathcal{O}(3; \{10^3, 5^3, 2\})$	51660000000
20	$\mathcal{O}(3; \{10^4, 2^4\})$	3276000000
20	$\mathcal{O}(3; \{10^4, 4^2, 2\})$	6656000000
20	$\mathcal{O}(3; \{20, 5^3, 4, 2^3\})$	6656000000
20	$\mathcal{O}(3; \{20, 5^3, 4^3\})$	26624000000
20	$\mathcal{O}(3; \{20, 10, 4, 2^6\})$	512000000
20	$\mathcal{O}(3; \{20, 10, 4^3, 2^3\})$	2048000000
20	$\mathcal{O}(3; \{20, 10, 4^5\})$	8192000000
20	$\mathcal{O}(3; \{20, 10^2, 5^2, 4, 2\})$	26112000000
20	$\mathcal{O}(3; \{20^2, 5^4, 2\})$	104960000000
20	$\mathcal{O}(3; \{20^2, 10, 5, 2^4\})$	6656000000
20	$\mathcal{O}(3; \{20^2, 10, 5, 4^2, 2\})$	26624000000
20	$\mathcal{O}(3; \{20^2, 10^3, 2^2\})$	26112000000
20	$\mathcal{O}(3; \{20^3, 4, 2^4\})$	6144000000
20	$\mathcal{O}(3; \{20^3, 4^3, 2\})$	24576000000
20	$\mathcal{O}(3; \{20^4, 5, 2^2\})$	104448000000
20	$\mathcal{O}(3; \{20^4, 10^2\})$	419840000000
20	$\mathcal{O}(2; \{5^2, 2^{12}\})$	600000
20	$\mathcal{O}(2; \{5^2, 4^2, 2^9\})$	1280000
20	$\mathcal{O}(2; \{5^2, 4^4, 2^6\})$	5120000
20	$\mathcal{O}(2; \{5^2, 4^6, 2^3\})$	20480000
20	$\mathcal{O}(2; \{5^2, 4^8\})$	81920000
20	$\mathcal{O}(2; \{5^7, 2^4\})$	491400000
20	$\mathcal{O}(2; \{5^7, 4^2, 2\})$	1048320000
20	$\mathcal{O}(2; \{10, 5^4, 2^7\})$	30600000
20	$\mathcal{O}(2; \{10, 5^4, 4^2, 2^4\})$	65280000
20	$\mathcal{O}(2; \{10, 5^4, 4^4, 2\})$	261120000

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(2; \{10^2, 5, 2^{10}\})$	1800000
20	$\mathcal{O}(2; \{10^2, 5, 4^2, 2^7\})$	3840000
20	$\mathcal{O}(2; \{10^2, 5, 4^4, 2^4\})$	15360000
20	$\mathcal{O}(2; \{10^2, 5, 4^6, 2\})$	61440000
20	$\mathcal{O}(2; \{10^2, 5^6, 2^2\})$	1966200000
20	$\mathcal{O}(2; \{10^3, 5^3, 2^5\})$	123000000
20	$\mathcal{O}(2; \{10^3, 5^3, 4^2, 2^2\})$	262400000
20	$\mathcal{O}(2; \{10^4, 2^8\})$	7800000
20	$\mathcal{O}(2; \{10^4, 4^2, 2^5\})$	16640000
20	$\mathcal{O}(2; \{10^4, 4^4, 2^2\})$	66560000
20	$\mathcal{O}(2; \{10^4, 5^5\})$	7864200000
20	$\mathcal{O}(2; \{10^5, 5^2, 2^3\})$	491400000
20	$\mathcal{O}(2; \{10^5, 5^2, 4^2\})$	1048320000
20	$\mathcal{O}(2; \{10^7, 5, 2\})$	1966200000
20	$\mathcal{O}(2; \{20, 5^3, 4, 2^7\})$	16640000
20	$\mathcal{O}(2; \{20, 5^3, 4^3, 2^4\})$	66560000
20	$\mathcal{O}(2; \{20, 5^3, 4^5, 2\})$	266240000
20	$\mathcal{O}(2; \{20, 10, 4, 2^{10}\})$	1280000
20	$\mathcal{O}(2; \{20, 10, 4^3, 2^7\})$	5120000
20	$\mathcal{O}(2; \{20, 10, 4^5, 2^4\})$	20480000
20	$\mathcal{O}(2; \{20, 10, 4^7, 2\})$	81920000
20	$\mathcal{O}(2; \{20, 10, 5^5, 4, 2^2\})$	1048320000
20	$\mathcal{O}(2; \{20, 10^2, 5^2, 4, 2^5\})$	65280000
20	$\mathcal{O}(2; \{20, 10^2, 5^2, 4^3, 2^2\})$	261120000
20	$\mathcal{O}(2; \{20, 10^3, 5^4, 4\})$	4194560000
20	$\mathcal{O}(2; \{20, 10^4, 5, 4, 2^3\})$	262400000
20	$\mathcal{O}(2; \{20, 10^4, 5, 4^3\})$	1049600000
20	$\mathcal{O}(2; \{20, 10^6, 4, 2\})$	1048320000
20	$\mathcal{O}(2; \{20^2, 5^4, 2^5\})$	262400000
20	$\mathcal{O}(2; \{20^2, 5^4, 4^2, 2^2\})$	1049600000
20	$\mathcal{O}(2; \{20^2, 10, 5, 2^8\})$	16640000
20	$\mathcal{O}(2; \{20^2, 10, 5, 4^2, 2^5\})$	66560000
20	$\mathcal{O}(2; \{20^2, 10, 5, 4^4, 2^2\})$	266240000
20	$\mathcal{O}(2; \{20^2, 10, 5^6\})$	16776960000
20	$\mathcal{O}(2; \{20^2, 10^2, 5^3, 2^3\})$	1048320000
20	$\mathcal{O}(2; \{20^2, 10^2, 5^3, 4^2\})$	4193280000
20	$\mathcal{O}(2; \{20^2, 10^3, 2^6\})$	65280000
20	$\mathcal{O}(2; \{20^2, 10^3, 4^2, 2^3\})$	261120000
20	$\mathcal{O}(2; \{20^2, 10^3, 4^4\})$	1044480000
20	$\mathcal{O}(2; \{20^2, 10^4, 5^2, 2\})$	4194560000
20	$\mathcal{O}(2; \{20^3, 4, 2^8\})$	15360000
20	$\mathcal{O}(2; \{20^3, 4^3, 2^5\})$	61440000
20	$\mathcal{O}(2; \{20^3, 4^5, 2^2\})$	245760000

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(2; \{20^3, 5^5, 4\})$	16778240000
20	$\mathcal{O}(2; \{20^3, 10, 5^2, 4, 2^3\})$	1049600000
20	$\mathcal{O}(2; \{20^3, 10, 5^2, 4^3\})$	4198400000
20	$\mathcal{O}(2; \{20^3, 10^3, 5, 4, 2\})$	4193280000
20	$\mathcal{O}(2; \{20^4, 5, 2^6\})$	261120000
20	$\mathcal{O}(2; \{20^4, 5, 4^2, 2^3\})$	1044480000
20	$\mathcal{O}(2; \{20^4, 5, 4^4\})$	4177920000
20	$\mathcal{O}(2; \{20^4, 10, 5^3, 2\})$	16778240000
20	$\mathcal{O}(2; \{20^4, 10^2, 2^4\})$	1049600000
20	$\mathcal{O}(2; \{20^4, 10^2, 4^2, 2\})$	4198400000
20	$\mathcal{O}(2; \{20^5, 5^2, 4, 2\})$	16773120000
20	$\mathcal{O}(2; \{20^6, 10, 2^2\})$	16773120000
20	$\mathcal{O}(2; \{20^8\})$	268451840000
20	$\mathcal{O}(1; \{5^2, 2^{16}\})$	1200
20	$\mathcal{O}(1; \{5^2, 4^2, 2^{13}\})$	3200
20	$\mathcal{O}(1; \{5^2, 4^4, 2^{10}\})$	12800
20	$\mathcal{O}(1; \{5^2, 4^6, 2^7\})$	51200
20	$\mathcal{O}(1; \{5^2, 4^8, 2^4\})$	204800
20	$\mathcal{O}(1; \{5^2, 4^{10}, 2\})$	819200
20	$\mathcal{O}(1; \{5^7, 2^8\})$	982800
20	$\mathcal{O}(1; \{5^7, 4^2, 2^5\})$	2620800
20	$\mathcal{O}(1; \{5^7, 4^4, 2^2\})$	10483200
20	$\mathcal{O}(1; \{5^{12}\})$	1006633200
20	$\mathcal{O}(1; \{10, 5^4, 2^{11}\})$	61200
20	$\mathcal{O}(1; \{10, 5^4, 4^2, 2^8\})$	163200
20	$\mathcal{O}(1; \{10, 5^4, 4^4, 2^5\})$	652800
20	$\mathcal{O}(1; \{10, 5^4, 4^6, 2^2\})$	2611200
20	$\mathcal{O}(1; \{10, 5^9, 2^3\})$	62914800
20	$\mathcal{O}(1; \{10, 5^9, 4^2\})$	167772800
20	$\mathcal{O}(1; \{10^2, 5, 2^{14}\})$	3600
20	$\mathcal{O}(1; \{10^2, 5, 4^2, 2^{11}\})$	9600
20	$\mathcal{O}(1; \{10^2, 5, 4^4, 2^8\})$	38400
20	$\mathcal{O}(1; \{10^2, 5, 4^6, 2^5\})$	153600
20	$\mathcal{O}(1; \{10^2, 5, 4^8, 2^2\})$	614400
20	$\mathcal{O}(1; \{10^2, 5^6, 2^6\})$	3932400
20	$\mathcal{O}(1; \{10^2, 5^6, 4^2, 2^3\})$	10486400
20	$\mathcal{O}(1; \{10^2, 5^6, 4^4\})$	41945600
20	$\mathcal{O}(1; \{10^3, 5^3, 2^9\})$	246000
20	$\mathcal{O}(1; \{10^3, 5^3, 4^2, 2^6\})$	656000
20	$\mathcal{O}(1; \{10^3, 5^3, 4^4, 2^3\})$	2624000
20	$\mathcal{O}(1; \{10^3, 5^3, 4^6\})$	10496000
20	$\mathcal{O}(1; \{10^3, 5^8, 2\})$	251658000
20	$\mathcal{O}(1; \{10^4, 2^{12}\})$	15600

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{10^4, 4^2, 2^9\})$	41600
20	$\mathcal{O}(1; \{10^4, 4^4, 2^6\})$	166400
20	$\mathcal{O}(1; \{10^4, 4^6, 2^3\})$	665600
20	$\mathcal{O}(1; \{10^4, 4^8\})$	2662400
20	$\mathcal{O}(1; \{10^4, 5^5, 2^4\})$	15728400
20	$\mathcal{O}(1; \{10^4, 5^5, 4^2, 2\})$	41942400
20	$\mathcal{O}(1; \{10^5, 5^2, 2^7\})$	982800
20	$\mathcal{O}(1; \{10^5, 5^2, 4^2, 2^4\})$	2620800
20	$\mathcal{O}(1; \{10^5, 5^2, 4^4, 2\})$	10483200
20	$\mathcal{O}(1; \{10^6, 5^4, 2^2\})$	62914800
20	$\mathcal{O}(1; \{10^7, 5, 2^5\})$	3932400
20	$\mathcal{O}(1; \{10^7, 5, 4^2, 2^2\})$	10486400
20	$\mathcal{O}(1; \{10^8, 5^3\})$	251658000
20	$\mathcal{O}(1; \{10^9, 2^3\})$	15728400
20	$\mathcal{O}(1; \{10^9, 4^2\})$	41942400
20	$\mathcal{O}(1; \{20, 5^3, 4, 2^{11}\})$	41600
20	$\mathcal{O}(1; \{20, 5^3, 4^3, 2^8\})$	166400
20	$\mathcal{O}(1; \{20, 5^3, 4^5, 2^5\})$	665600
20	$\mathcal{O}(1; \{20, 5^3, 4^7, 2^2\})$	2662400
20	$\mathcal{O}(1; \{20, 5^8, 4, 2^3\})$	41942400
20	$\mathcal{O}(1; \{20, 5^8, 4^3\})$	167769600
20	$\mathcal{O}(1; \{20, 10, 4, 2^{14}\})$	3200
20	$\mathcal{O}(1; \{20, 10, 4^3, 2^{11}\})$	12800
20	$\mathcal{O}(1; \{20, 10, 4^5, 2^8\})$	51200
20	$\mathcal{O}(1; \{20, 10, 4^7, 2^5\})$	204800
20	$\mathcal{O}(1; \{20, 10, 4^9, 2^2\})$	819200
20	$\mathcal{O}(1; \{20, 10, 5^5, 4, 2^6\})$	2620800
20	$\mathcal{O}(1; \{20, 10, 5^5, 4^3, 2^3\})$	10483200
20	$\mathcal{O}(1; \{20, 10, 5^5, 4^5\})$	41932800
20	$\mathcal{O}(1; \{20, 10^2, 5^2, 4, 2^9\})$	163200
20	$\mathcal{O}(1; \{20, 10^2, 5^2, 4^3, 2^6\})$	652800
20	$\mathcal{O}(1; \{20, 10^2, 5^2, 4^5, 2^3\})$	2611200
20	$\mathcal{O}(1; \{20, 10^2, 5^2, 4^7\})$	10444800
20	$\mathcal{O}(1; \{20, 10^2, 5^7, 4, 2\})$	167772800
20	$\mathcal{O}(1; \{20, 10^3, 5^4, 4, 2^4\})$	10486400
20	$\mathcal{O}(1; \{20, 10^3, 5^4, 4^3, 2\})$	41945600
20	$\mathcal{O}(1; \{20, 10^4, 5, 4, 2^7\})$	656000
20	$\mathcal{O}(1; \{20, 10^4, 5, 4^3, 2^4\})$	2624000
20	$\mathcal{O}(1; \{20, 10^4, 5, 4^5, 2\})$	10496000
20	$\mathcal{O}(1; \{20, 10^5, 5^3, 4, 2^2\})$	41942400
20	$\mathcal{O}(1; \{20, 10^6, 4, 2^5\})$	2620800
20	$\mathcal{O}(1; \{20, 10^6, 4^3, 2^2\})$	10483200
20	$\mathcal{O}(1; \{20, 10^7, 5^2, 4\})$	167772800

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{20^2, 5^4, 2^9\})$	656000
20	$\mathcal{O}(1; \{20^2, 5^4, 4^2, 2^6\})$	2624000
20	$\mathcal{O}(1; \{20^2, 5^4, 4^4, 2^3\})$	10496000
20	$\mathcal{O}(1; \{20^2, 5^4, 4^6\})$	41984000
20	$\mathcal{O}(1; \{20^2, 5^9, 2\})$	671088000
20	$\mathcal{O}(1; \{20^2, 10, 5, 2^{12}\})$	41600
20	$\mathcal{O}(1; \{20^2, 10, 5, 4^2, 2^9\})$	166400
20	$\mathcal{O}(1; \{20^2, 10, 5, 4^4, 2^6\})$	665600
20	$\mathcal{O}(1; \{20^2, 10, 5, 4^6, 2^3\})$	2662400
20	$\mathcal{O}(1; \{20^2, 10, 5, 4^8\})$	10649600
20	$\mathcal{O}(1; \{20^2, 10, 5^6, 2^4\})$	41942400
20	$\mathcal{O}(1; \{20^2, 10, 5^6, 4^2, 2\})$	167769600
20	$\mathcal{O}(1; \{20^2, 10^2, 5^3, 2^7\})$	2620800
20	$\mathcal{O}(1; \{20^2, 10^2, 5^3, 4^2, 2^4\})$	10483200
20	$\mathcal{O}(1; \{20^2, 10^2, 5^3, 4^4, 2\})$	41932800
20	$\mathcal{O}(1; \{20^2, 10^3, 2^{10}\})$	163200
20	$\mathcal{O}(1; \{20^2, 10^3, 4^2, 2^7\})$	652800
20	$\mathcal{O}(1; \{20^2, 10^3, 4^4, 2^4\})$	2611200
20	$\mathcal{O}(1; \{20^2, 10^3, 4^6, 2\})$	10444800
20	$\mathcal{O}(1; \{20^2, 10^3, 5^5, 2^2\})$	167772800
20	$\mathcal{O}(1; \{20^2, 10^4, 5^2, 2^5\})$	10486400
20	$\mathcal{O}(1; \{20^2, 10^4, 5^2, 4^2, 2^2\})$	41945600
20	$\mathcal{O}(1; \{20^2, 10^5, 5^4\})$	671088000
20	$\mathcal{O}(1; \{20^2, 10^6, 5, 2^3\})$	41942400
20	$\mathcal{O}(1; \{20^2, 10^6, 5, 4^2\})$	167769600
20	$\mathcal{O}(1; \{20^2, 10^8, 2\})$	167772800
20	$\mathcal{O}(1; \{20^3, 4, 2^{12}\})$	38400
20	$\mathcal{O}(1; \{20^3, 4^3, 2^9\})$	153600
20	$\mathcal{O}(1; \{20^3, 4^5, 2^6\})$	614400
20	$\mathcal{O}(1; \{20^3, 4^7, 2^3\})$	2457600
20	$\mathcal{O}(1; \{20^3, 4^9\})$	9830400
20	$\mathcal{O}(1; \{20^3, 5^5, 4, 2^4\})$	41945600
20	$\mathcal{O}(1; \{20^3, 5^5, 4^3, 2\})$	167782400
20	$\mathcal{O}(1; \{20^3, 10, 5^2, 4, 2^7\})$	2624000
20	$\mathcal{O}(1; \{20^3, 10, 5^2, 4^3, 2^4\})$	10496000
20	$\mathcal{O}(1; \{20^3, 10, 5^2, 4^5, 2\})$	41984000
20	$\mathcal{O}(1; \{20^3, 10^2, 5^4, 4, 2^2\})$	167769600
20	$\mathcal{O}(1; \{20^3, 10^3, 5, 4, 2^5\})$	10483200
20	$\mathcal{O}(1; \{20^3, 10^3, 5, 4^3, 2^2\})$	41932800
20	$\mathcal{O}(1; \{20^3, 10^4, 5^3, 4\})$	671091200
20	$\mathcal{O}(1; \{20^3, 10^5, 4, 2^3\})$	41945600
20	$\mathcal{O}(1; \{20^3, 10^5, 4^3\})$	167782400
20	$\mathcal{O}(1; \{20^4, 5, 2^{10}\})$	652800

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{20^4, 5, 4^2, 2^7\})$	2611200
20	$\mathcal{O}(1; \{20^4, 5, 4^4, 2^4\})$	10444800
20	$\mathcal{O}(1; \{20^4, 5, 4^6, 2\})$	41779200
20	$\mathcal{O}(1; \{20^4, 5^6, 2^2\})$	671091200
20	$\mathcal{O}(1; \{20^4, 10, 5^3, 2^5\})$	41945600
20	$\mathcal{O}(1; \{20^4, 10, 5^3, 4^2, 2^2\})$	167782400
20	$\mathcal{O}(1; \{20^4, 10^2, 2^8\})$	2624000
20	$\mathcal{O}(1; \{20^4, 10^2, 4^2, 2^5\})$	10496000
20	$\mathcal{O}(1; \{20^4, 10^2, 4^4, 2^2\})$	41984000
20	$\mathcal{O}(1; \{20^4, 10^2, 5^5\})$	2684352000
20	$\mathcal{O}(1; \{20^4, 10^3, 5^2, 2^3\})$	167769600
20	$\mathcal{O}(1; \{20^4, 10^3, 5^2, 4^2\})$	671078400
20	$\mathcal{O}(1; \{20^4, 10^5, 5, 2\})$	671091200
20	$\mathcal{O}(1; \{20^5, 5^2, 4, 2^5\})$	41932800
20	$\mathcal{O}(1; \{20^5, 5^2, 4^3, 2^2\})$	167731200
20	$\mathcal{O}(1; \{20^5, 10, 5^4, 4\})$	2684364800
20	$\mathcal{O}(1; \{20^5, 10^2, 5, 4, 2^3\})$	167782400
20	$\mathcal{O}(1; \{20^5, 10^2, 5, 4^3\})$	671129600
20	$\mathcal{O}(1; \{20^5, 10^4, 4, 2\})$	671078400
20	$\mathcal{O}(1; \{20^6, 5^3, 2^3\})$	671078400
20	$\mathcal{O}(1; \{20^6, 5^3, 4^2\})$	2684313600
20	$\mathcal{O}(1; \{20^6, 10, 2^6\})$	41932800
20	$\mathcal{O}(1; \{20^6, 10, 4^2, 2^3\})$	167731200
20	$\mathcal{O}(1; \{20^6, 10, 4^4\})$	670924800
20	$\mathcal{O}(1; \{20^6, 10^2, 5^2, 2\})$	2684364800
20	$\mathcal{O}(1; \{20^7, 10, 5, 4, 2\})$	2684313600
20	$\mathcal{O}(1; \{20^8, 2^4\})$	671129600
20	$\mathcal{O}(1; \{20^8, 4^2, 2\})$	2684518400
20	$\mathcal{O}(0; \{5^2, 4^2, 2^{17}\})$	8
20	$\mathcal{O}(0; \{5^2, 4^4, 2^{14}\})$	32
20	$\mathcal{O}(0; \{5^2, 4^6, 2^{11}\})$	128
20	$\mathcal{O}(0; \{5^2, 4^8, 2^8\})$	512
20	$\mathcal{O}(0; \{5^2, 4^{10}, 2^5\})$	2048
20	$\mathcal{O}(0; \{5^2, 4^{12}, 2^2\})$	8192
20	$\mathcal{O}(0; \{5^7, 4^2, 2^9\})$	6552
20	$\mathcal{O}(0; \{5^7, 4^4, 2^6\})$	26208
20	$\mathcal{O}(0; \{5^7, 4^6, 2^3\})$	104832
20	$\mathcal{O}(0; \{5^7, 4^8\})$	419328
20	$\mathcal{O}(0; \{5^{12}, 4^2, 2\})$	6710888
20	$\mathcal{O}(0; \{10, 5^4, 4^2, 2^{12}\})$	408
20	$\mathcal{O}(0; \{10, 5^4, 4^4, 2^9\})$	1632
20	$\mathcal{O}(0; \{10, 5^4, 4^6, 2^6\})$	6528
20	$\mathcal{O}(0; \{10, 5^4, 4^8, 2^3\})$	26112

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{10, 5^4, 4^{10}\})$	104448
20	$\mathcal{O}(0; \{10, 5^9, 4^2, 2^4\})$	419432
20	$\mathcal{O}(0; \{10, 5^9, 4^4, 2\})$	1677728
20	$\mathcal{O}(0; \{10^2, 5, 4^2, 2^{15}\})$	24
20	$\mathcal{O}(0; \{10^2, 5, 4^4, 2^{12}\})$	96
20	$\mathcal{O}(0; \{10^2, 5, 4^6, 2^9\})$	384
20	$\mathcal{O}(0; \{10^2, 5, 4^8, 2^6\})$	1536
20	$\mathcal{O}(0; \{10^2, 5, 4^{10}, 2^3\})$	6144
20	$\mathcal{O}(0; \{10^2, 5, 4^{12}\})$	24576
20	$\mathcal{O}(0; \{10^2, 5^6, 4^2, 2^7\})$	26216
20	$\mathcal{O}(0; \{10^2, 5^6, 4^4, 2^4\})$	104864
20	$\mathcal{O}(0; \{10^2, 5^6, 4^6, 2\})$	419456
20	$\mathcal{O}(0; \{10^3, 5^3, 4^2, 2^{10}\})$	1640
20	$\mathcal{O}(0; \{10^3, 5^3, 4^4, 2^7\})$	6560
20	$\mathcal{O}(0; \{10^3, 5^3, 4^6, 2^4\})$	26240
20	$\mathcal{O}(0; \{10^3, 5^3, 4^8, 2\})$	104960
20	$\mathcal{O}(0; \{10^3, 5^8, 4^2, 2^2\})$	1677720
20	$\mathcal{O}(0; \{10^4, 4^2, 2^{13}\})$	104
20	$\mathcal{O}(0; \{10^4, 4^4, 2^{10}\})$	416
20	$\mathcal{O}(0; \{10^4, 4^6, 2^7\})$	1664
20	$\mathcal{O}(0; \{10^4, 4^8, 2^4\})$	6656
20	$\mathcal{O}(0; \{10^4, 4^{10}, 2\})$	26624
20	$\mathcal{O}(0; \{10^4, 5^5, 4^2, 2^5\})$	104856
20	$\mathcal{O}(0; \{10^4, 5^5, 4^4, 2^2\})$	419424
20	$\mathcal{O}(0; \{10^5, 5^2, 4^2, 2^8\})$	6552
20	$\mathcal{O}(0; \{10^5, 5^2, 4^4, 2^5\})$	26208
20	$\mathcal{O}(0; \{10^5, 5^2, 4^6, 2^2\})$	104832
20	$\mathcal{O}(0; \{10^5, 5^7, 4^2\})$	6710888
20	$\mathcal{O}(0; \{10^6, 5^4, 4^2, 2^3\})$	419432
20	$\mathcal{O}(0; \{10^6, 5^4, 4^4\})$	1677728
20	$\mathcal{O}(0; \{10^7, 5, 4^2, 2^6\})$	26216
20	$\mathcal{O}(0; \{10^7, 5, 4^4, 2^3\})$	104864
20	$\mathcal{O}(0; \{10^7, 5, 4^6\})$	419456
20	$\mathcal{O}(0; \{10^8, 5^3, 4^2, 2\})$	1677720
20	$\mathcal{O}(0; \{10^9, 4^2, 2^4\})$	104856
20	$\mathcal{O}(0; \{10^9, 4^4, 2\})$	419424
20	$\mathcal{O}(0; \{20, 5^3, 4, 2^{15}\})$	104
20	$\mathcal{O}(0; \{20, 5^3, 4^3, 2^{12}\})$	416
20	$\mathcal{O}(0; \{20, 5^3, 4^5, 2^9\})$	1664
20	$\mathcal{O}(0; \{20, 5^3, 4^7, 2^6\})$	6656
20	$\mathcal{O}(0; \{20, 5^3, 4^9, 2^3\})$	26624
20	$\mathcal{O}(0; \{20, 5^3, 4^{11}\})$	106496
20	$\mathcal{O}(0; \{20, 5^8, 4, 2^7\})$	104856

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20, 5^8, 4^3, 2^4\})$	419424
20	$\mathcal{O}(0; \{20, 5^8, 4^5, 2\})$	1677696
20	$\mathcal{O}(0; \{20, 10, 4, 2^{18}\})$	8
20	$\mathcal{O}(0; \{20, 10, 4^3, 2^{15}\})$	32
20	$\mathcal{O}(0; \{20, 10, 4^5, 2^{12}\})$	128
20	$\mathcal{O}(0; \{20, 10, 4^7, 2^9\})$	512
20	$\mathcal{O}(0; \{20, 10, 4^9, 2^6\})$	2048
20	$\mathcal{O}(0; \{20, 10, 4^{11}, 2^3\})$	8192
20	$\mathcal{O}(0; \{20, 10, 4^{13}\})$	32768
20	$\mathcal{O}(0; \{20, 10, 5^5, 4, 2^{10}\})$	6552
20	$\mathcal{O}(0; \{20, 10, 5^5, 4^3, 2^7\})$	26208
20	$\mathcal{O}(0; \{20, 10, 5^5, 4^5, 2^4\})$	104832
20	$\mathcal{O}(0; \{20, 10, 5^5, 4^7, 2\})$	419328
20	$\mathcal{O}(0; \{20, 10, 5^{10}, 4, 2^2\})$	6710888
20	$\mathcal{O}(0; \{20, 10^2, 5^2, 4, 2^{13}\})$	408
20	$\mathcal{O}(0; \{20, 10^2, 5^2, 4^3, 2^{10}\})$	1632
20	$\mathcal{O}(0; \{20, 10^2, 5^2, 4^5, 2^7\})$	6528
20	$\mathcal{O}(0; \{20, 10^2, 5^2, 4^7, 2^4\})$	26112
20	$\mathcal{O}(0; \{20, 10^2, 5^2, 4^9, 2\})$	104448
20	$\mathcal{O}(0; \{20, 10^2, 5^7, 4, 2^5\})$	419432
20	$\mathcal{O}(0; \{20, 10^2, 5^7, 4^3, 2^2\})$	1677728
20	$\mathcal{O}(0; \{20, 10^3, 5^4, 4, 2^8\})$	26216
20	$\mathcal{O}(0; \{20, 10^3, 5^4, 4^3, 2^5\})$	104864
20	$\mathcal{O}(0; \{20, 10^3, 5^4, 4^5, 2^2\})$	419456
20	$\mathcal{O}(0; \{20, 10^3, 5^9, 4\})$	26843544
20	$\mathcal{O}(0; \{20, 10^4, 5, 4, 2^{11}\})$	1640
20	$\mathcal{O}(0; \{20, 10^4, 5, 4^3, 2^8\})$	6560
20	$\mathcal{O}(0; \{20, 10^4, 5, 4^5, 2^5\})$	26240
20	$\mathcal{O}(0; \{20, 10^4, 5, 4^7, 2^2\})$	104960
20	$\mathcal{O}(0; \{20, 10^4, 5^6, 4, 2^3\})$	1677720
20	$\mathcal{O}(0; \{20, 10^4, 5^6, 4^3\})$	6710880
20	$\mathcal{O}(0; \{20, 10^5, 5^3, 4, 2^6\})$	104856
20	$\mathcal{O}(0; \{20, 10^5, 5^3, 4^3, 2^3\})$	419424
20	$\mathcal{O}(0; \{20, 10^5, 5^3, 4^5\})$	1677696
20	$\mathcal{O}(0; \{20, 10^6, 4, 2^9\})$	6552
20	$\mathcal{O}(0; \{20, 10^6, 4^3, 2^6\})$	26208
20	$\mathcal{O}(0; \{20, 10^6, 4^5, 2^3\})$	104832
20	$\mathcal{O}(0; \{20, 10^6, 4^7\})$	419328
20	$\mathcal{O}(0; \{20, 10^6, 5^5, 4, 2\})$	6710888
20	$\mathcal{O}(0; \{20, 10^7, 5^2, 4, 2^4\})$	419432
20	$\mathcal{O}(0; \{20, 10^7, 5^2, 4^3, 2\})$	1677728
20	$\mathcal{O}(0; \{20, 10^9, 5, 4, 2^2\})$	1677720
20	$\mathcal{O}(0; \{20, 10^{11}, 4\})$	6710888

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20^2, 5^4, 2^{13}\})$	1640
20	$\mathcal{O}(0; \{20^2, 5^4, 4^2, 2^{10}\})$	6560
20	$\mathcal{O}(0; \{20^2, 5^4, 4^4, 2^7\})$	26240
20	$\mathcal{O}(0; \{20^2, 5^4, 4^6, 2^4\})$	104960
20	$\mathcal{O}(0; \{20^2, 5^4, 4^8, 2\})$	419840
20	$\mathcal{O}(0; \{20^2, 5^9, 2^5\})$	1677720
20	$\mathcal{O}(0; \{20^2, 5^9, 4^2, 2^2\})$	6710880
20	$\mathcal{O}(0; \{20^2, 10, 5, 2^{16}\})$	104
20	$\mathcal{O}(0; \{20^2, 10, 5, 4^2, 2^{13}\})$	416
20	$\mathcal{O}(0; \{20^2, 10, 5, 4^4, 2^{10}\})$	1664
20	$\mathcal{O}(0; \{20^2, 10, 5, 4^6, 2^7\})$	6656
20	$\mathcal{O}(0; \{20^2, 10, 5, 4^8, 2^4\})$	26624
20	$\mathcal{O}(0; \{20^2, 10, 5, 4^{10}, 2\})$	106496
20	$\mathcal{O}(0; \{20^2, 10, 5^6, 2^8\})$	104856
20	$\mathcal{O}(0; \{20^2, 10, 5^6, 4^2, 2^5\})$	419424
20	$\mathcal{O}(0; \{20^2, 10, 5^6, 4^4, 2^2\})$	1677696
20	$\mathcal{O}(0; \{20^2, 10, 5^{11}\})$	107374184
20	$\mathcal{O}(0; \{20^2, 10^2, 5^3, 2^{11}\})$	6552
20	$\mathcal{O}(0; \{20^2, 10^2, 5^3, 4^2, 2^8\})$	26208
20	$\mathcal{O}(0; \{20^2, 10^2, 5^3, 4^4, 2^5\})$	104832
20	$\mathcal{O}(0; \{20^2, 10^2, 5^3, 4^6, 2^2\})$	419328
20	$\mathcal{O}(0; \{20^2, 10^2, 5^8, 2^3\})$	6710888
20	$\mathcal{O}(0; \{20^2, 10^2, 5^8, 4^2\})$	26843552
20	$\mathcal{O}(0; \{20^2, 10^3, 2^{14}\})$	408
20	$\mathcal{O}(0; \{20^2, 10^3, 4^2, 2^{11}\})$	1632
20	$\mathcal{O}(0; \{20^2, 10^3, 4^4, 2^8\})$	6528
20	$\mathcal{O}(0; \{20^2, 10^3, 4^6, 2^5\})$	26112
20	$\mathcal{O}(0; \{20^2, 10^3, 4^8, 2^2\})$	104448
20	$\mathcal{O}(0; \{20^2, 10^3, 5^5, 2^6\})$	419432
20	$\mathcal{O}(0; \{20^2, 10^3, 5^5, 4^2, 2^3\})$	1677728
20	$\mathcal{O}(0; \{20^2, 10^3, 5^5, 4^4\})$	6710912
20	$\mathcal{O}(0; \{20^2, 10^4, 5^2, 2^9\})$	26216
20	$\mathcal{O}(0; \{20^2, 10^4, 5^2, 4^2, 2^6\})$	104864
20	$\mathcal{O}(0; \{20^2, 10^4, 5^2, 4^4, 2^3\})$	419456
20	$\mathcal{O}(0; \{20^2, 10^4, 5^2, 4^6\})$	1677824
20	$\mathcal{O}(0; \{20^2, 10^4, 5^7, 2\})$	26843544
20	$\mathcal{O}(0; \{20^2, 10^5, 5^4, 2^4\})$	1677720
20	$\mathcal{O}(0; \{20^2, 10^5, 5^4, 4^2, 2\})$	6710880
20	$\mathcal{O}(0; \{20^2, 10^6, 5, 2^7\})$	104856
20	$\mathcal{O}(0; \{20^2, 10^6, 5, 4^2, 2^4\})$	419424
20	$\mathcal{O}(0; \{20^2, 10^6, 5, 4^4, 2\})$	1677696
20	$\mathcal{O}(0; \{20^2, 10^7, 5^3, 2^2\})$	6710888
20	$\mathcal{O}(0; \{20^2, 10^8, 2^5\})$	419432

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20^2, 10^8, 4^2, 2^2\})$	1677728
20	$\mathcal{O}(0; \{20^2, 10^9, 5^2\})$	26843544
20	$\mathcal{O}(0; \{20^3, 4, 2^{16}\})$	96
20	$\mathcal{O}(0; \{20^3, 4^3, 2^{13}\})$	384
20	$\mathcal{O}(0; \{20^3, 4^5, 2^{10}\})$	1536
20	$\mathcal{O}(0; \{20^3, 4^7, 2^7\})$	6144
20	$\mathcal{O}(0; \{20^3, 4^9, 2^4\})$	24576
20	$\mathcal{O}(0; \{20^3, 4^{11}, 2\})$	98304
20	$\mathcal{O}(0; \{20^3, 5^5, 4, 2^8\})$	104864
20	$\mathcal{O}(0; \{20^3, 5^5, 4^3, 2^5\})$	419456
20	$\mathcal{O}(0; \{20^3, 5^5, 4^5, 2^2\})$	1677824
20	$\mathcal{O}(0; \{20^3, 5^{10}, 4\})$	107374176
20	$\mathcal{O}(0; \{20^3, 10, 5^2, 4, 2^{11}\})$	6560
20	$\mathcal{O}(0; \{20^3, 10, 5^2, 4^3, 2^8\})$	26240
20	$\mathcal{O}(0; \{20^3, 10, 5^2, 4^5, 2^5\})$	104960
20	$\mathcal{O}(0; \{20^3, 10, 5^2, 4^7, 2^2\})$	419840
20	$\mathcal{O}(0; \{20^3, 10, 5^7, 4, 2^3\})$	6710880
20	$\mathcal{O}(0; \{20^3, 10, 5^7, 4^3\})$	26843520
20	$\mathcal{O}(0; \{20^3, 10^2, 5^4, 4, 2^6\})$	419424
20	$\mathcal{O}(0; \{20^3, 10^2, 5^4, 4^3, 2^3\})$	1677696
20	$\mathcal{O}(0; \{20^3, 10^2, 5^4, 4^5\})$	6710784
20	$\mathcal{O}(0; \{20^3, 10^3, 5, 4, 2^9\})$	26208
20	$\mathcal{O}(0; \{20^3, 10^3, 5, 4^3, 2^6\})$	104832
20	$\mathcal{O}(0; \{20^3, 10^3, 5, 4^5, 2^3\})$	419328
20	$\mathcal{O}(0; \{20^3, 10^3, 5, 4^7\})$	1677312
20	$\mathcal{O}(0; \{20^3, 10^3, 5^6, 4, 2\})$	26843552
20	$\mathcal{O}(0; \{20^3, 10^4, 5^3, 4, 2^4\})$	1677728
20	$\mathcal{O}(0; \{20^3, 10^4, 5^3, 4^3, 2\})$	6710912
20	$\mathcal{O}(0; \{20^3, 10^5, 4, 2^7\})$	104864
20	$\mathcal{O}(0; \{20^3, 10^5, 4^3, 2^4\})$	419456
20	$\mathcal{O}(0; \{20^3, 10^5, 4^5, 2\})$	1677824
20	$\mathcal{O}(0; \{20^3, 10^6, 5^2, 4, 2^2\})$	6710880
20	$\mathcal{O}(0; \{20^3, 10^8, 5, 4\})$	26843552
20	$\mathcal{O}(0; \{20^4, 5, 2^{14}\})$	1632
20	$\mathcal{O}(0; \{20^4, 5, 4^2, 2^{11}\})$	6528
20	$\mathcal{O}(0; \{20^4, 5, 4^4, 2^8\})$	26112
20	$\mathcal{O}(0; \{20^4, 5, 4^6, 2^5\})$	104448
20	$\mathcal{O}(0; \{20^4, 5, 4^8, 2^2\})$	417792
20	$\mathcal{O}(0; \{20^4, 5^6, 2^6\})$	1677728
20	$\mathcal{O}(0; \{20^4, 5^6, 4^2, 2^3\})$	6710912
20	$\mathcal{O}(0; \{20^4, 5^6, 4^4\})$	26843648
20	$\mathcal{O}(0; \{20^4, 10, 5^3, 2^9\})$	104864
20	$\mathcal{O}(0; \{20^4, 10, 5^3, 4^2, 2^6\})$	419456

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20^4, 10, 5^3, 4^4, 2^3\})$	1677824
20	$\mathcal{O}(0; \{20^4, 10, 5^3, 4^6\})$	6711296
20	$\mathcal{O}(0; \{20^4, 10, 5^8, 2\})$	107374176
20	$\mathcal{O}(0; \{20^4, 10^2, 2^{12}\})$	6560
20	$\mathcal{O}(0; \{20^4, 10^2, 4^2, 2^9\})$	26240
20	$\mathcal{O}(0; \{20^4, 10^2, 4^4, 2^6\})$	104960
20	$\mathcal{O}(0; \{20^4, 10^2, 4^6, 2^3\})$	419840
20	$\mathcal{O}(0; \{20^4, 10^2, 4^8\})$	1679360
20	$\mathcal{O}(0; \{20^4, 10^2, 5^5, 2^4\})$	6710880
20	$\mathcal{O}(0; \{20^4, 10^2, 5^5, 4^2, 2\})$	26843520
20	$\mathcal{O}(0; \{20^4, 10^3, 5^2, 2^7\})$	419424
20	$\mathcal{O}(0; \{20^4, 10^3, 5^2, 4^2, 2^4\})$	1677696
20	$\mathcal{O}(0; \{20^4, 10^3, 5^2, 4^4, 2\})$	6710784
20	$\mathcal{O}(0; \{20^4, 10^4, 5^4, 2^2\})$	26843552
20	$\mathcal{O}(0; \{20^4, 10^5, 5, 2^5\})$	1677728
20	$\mathcal{O}(0; \{20^4, 10^5, 5, 4^2, 2^2\})$	6710912
20	$\mathcal{O}(0; \{20^4, 10^6, 5^3\})$	107374176
20	$\mathcal{O}(0; \{20^4, 10^7, 2^3\})$	6710880
20	$\mathcal{O}(0; \{20^4, 10^7, 4^2\})$	26843520
20	$\mathcal{O}(0; \{20^5, 5^2, 4, 2^9\})$	104832
20	$\mathcal{O}(0; \{20^5, 5^2, 4^3, 2^6\})$	419328
20	$\mathcal{O}(0; \{20^5, 5^2, 4^5, 2^3\})$	1677312
20	$\mathcal{O}(0; \{20^5, 5^2, 4^7\})$	6709248
20	$\mathcal{O}(0; \{20^5, 5^7, 4, 2\})$	107374208
20	$\mathcal{O}(0; \{20^5, 10, 5^4, 4, 2^4\})$	6710912
20	$\mathcal{O}(0; \{20^5, 10, 5^4, 4^3, 2\})$	26843648
20	$\mathcal{O}(0; \{20^5, 10^2, 5, 4, 2^7\})$	419456
20	$\mathcal{O}(0; \{20^5, 10^2, 5, 4^3, 2^4\})$	1677824
20	$\mathcal{O}(0; \{20^5, 10^2, 5, 4^5, 2\})$	6711296
20	$\mathcal{O}(0; \{20^5, 10^3, 5^3, 4, 2^2\})$	26843520
20	$\mathcal{O}(0; \{20^5, 10^4, 4, 2^5\})$	1677696
20	$\mathcal{O}(0; \{20^5, 10^4, 4^3, 2^2\})$	6710784
20	$\mathcal{O}(0; \{20^5, 10^5, 5^2, 4\})$	107374208
20	$\mathcal{O}(0; \{20^6, 5^3, 2^7\})$	1677696
20	$\mathcal{O}(0; \{20^6, 5^3, 4^2, 2^4\})$	6710784
20	$\mathcal{O}(0; \{20^6, 5^3, 4^4, 2\})$	26843136
20	$\mathcal{O}(0; \{20^6, 10, 2^{10}\})$	104832
20	$\mathcal{O}(0; \{20^6, 10, 4^2, 2^7\})$	419328
20	$\mathcal{O}(0; \{20^6, 10, 4^4, 2^4\})$	1677312
20	$\mathcal{O}(0; \{20^6, 10, 4^6, 2\})$	6709248
20	$\mathcal{O}(0; \{20^6, 10, 5^5, 2^2\})$	107374208
20	$\mathcal{O}(0; \{20^6, 10^2, 5^2, 2^5\})$	6710912
20	$\mathcal{O}(0; \{20^6, 10^2, 5^2, 4^2, 2^2\})$	26843648

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20^6, 10^3, 5^4\})$	429496704
20	$\mathcal{O}(0; \{20^6, 10^4, 5, 2^3\})$	26843520
20	$\mathcal{O}(0; \{20^6, 10^4, 5, 4^2\})$	107374080
20	$\mathcal{O}(0; \{20^6, 10^6, 2\})$	107374208
20	$\mathcal{O}(0; \{20^7, 5^4, 4, 2^2\})$	107374080
20	$\mathcal{O}(0; \{20^7, 10, 5, 4, 2^5\})$	6710784
20	$\mathcal{O}(0; \{20^7, 10, 5, 4^3, 2^2\})$	26843136
20	$\mathcal{O}(0; \{20^7, 10^2, 5^3, 4\})$	429496832
20	$\mathcal{O}(0; \{20^7, 10^3, 4, 2^3\})$	26843648
20	$\mathcal{O}(0; \{20^7, 10^3, 4^3\})$	107374592
20	$\mathcal{O}(0; \{20^8, 2^8\})$	1677824
20	$\mathcal{O}(0; \{20^8, 4^2, 2^5\})$	6711296
20	$\mathcal{O}(0; \{20^8, 4^4, 2^2\})$	26845184
20	$\mathcal{O}(0; \{20^8, 5^5\})$	1717986816
20	$\mathcal{O}(0; \{20^8, 10, 5^2, 2^3\})$	107374080
20	$\mathcal{O}(0; \{20^8, 10, 5^2, 4^2\})$	429496320
20	$\mathcal{O}(0; \{20^8, 10^3, 5, 2\})$	429496832
20	$\mathcal{O}(0; \{20^9, 5, 4, 2^3\})$	107374592
20	$\mathcal{O}(0; \{20^9, 5, 4^3\})$	429498368
20	$\mathcal{O}(0; \{20^9, 10^2, 4, 2\})$	429496320
20	$\mathcal{O}(0; \{20^{10}, 5^2, 2\})$	1717987328
21	$\mathcal{O}(4; \{21, 7, 3^2\})$	453874312332
21	$\mathcal{O}(3; \{7^6\})$	570932714352
21	$\mathcal{O}(3; \{21, 7, 3^5\})$	11321127972
21	$\mathcal{O}(3; \{21^2, 7^3, 3\})$	190400788620
21	$\mathcal{O}(3; \{21^4, 3^2\})$	350954967132
21	$\mathcal{O}(2; \{7^6, 3^3\})$	2592820692
21	$\mathcal{O}(2; \{21, 7, 3^8\})$	198370620
21	$\mathcal{O}(2; \{21^2, 7^3, 3^4\})$	4749226020
21	$\mathcal{O}(2; \{21^3, 7^5\})$	93329876052
21	$\mathcal{O}(2; \{21^4, 3^5\})$	6149489220
21	$\mathcal{O}(2; \{21^5, 7^2, 3\})$	171100494180
21	$\mathcal{O}(1; \{7^6, 3^6\})$	64673532
21	$\mathcal{O}(1; \{21, 7, 3^{11}\})$	3614436
21	$\mathcal{O}(1; \{21, 7^8, 3^2\})$	1269788940
21	$\mathcal{O}(1; \{21^2, 7^3, 3^7\})$	83216700
21	$\mathcal{O}(1; \{21^3, 7^5, 3^3\})$	2327956092
21	$\mathcal{O}(1; \{21^4, 3^8\})$	112047516
21	$\mathcal{O}(1; \{21^5, 7^2, 3^4\})$	2998050300
21	$\mathcal{O}(1; \{21^6, 7^4\})$	83806128252
21	$\mathcal{O}(1; \{21^8, 7, 3\})$	107932059900
21	$\mathcal{O}(0; \{7^6, 3^9\})$	1133220
21	$\mathcal{O}(0; \{21, 7, 3^{14}\})$	65532

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
21	$\mathcal{O}(0; \{21, 7^8, 3^5\})$	31672740
21	$\mathcal{O}(0; \{21^2, 7^3, 3^{10}\})$	1516260
21	$\mathcal{O}(0; \{21^2, 7^{10}, 3\})$	621937812
21	$\mathcal{O}(0; \{21^3, 7^5, 3^6\})$	40790820
21	$\mathcal{O}(0; \{21^4, 3^{11}\})$	2031492
21	$\mathcal{O}(0; \{21^4, 7^7, 3^2\})$	1140219300
21	$\mathcal{O}(0; \{21^5, 7^2, 3^7\})$	54626340
21	$\mathcal{O}(0; \{21^6, 7^4, 3^3\})$	1468464420
21	$\mathcal{O}(0; \{21^8, 7, 3^4\})$	1966589220
21	$\mathcal{O}(0; \{21^9, 7^3\})$	52864714020
21	$\mathcal{O}(0; \{21^{11}, 3\})$	70797252900
22	$\mathcal{O}(4; \{11^3\})$	4919536318950
22	$\mathcal{O}(3; \{11^3, 2^4\})$	10204191360
22	$\mathcal{O}(3; \{22^2, 11^2, 2^2\})$	103175712640
22	$\mathcal{O}(3; \{22^4, 11\})$	1030623327360
22	$\mathcal{O}(2; \{11^3, 2^8\})$	21083040
22	$\mathcal{O}(2; \{22^2, 11^2, 2^6\})$	213172960
22	$\mathcal{O}(2; \{22^4, 11, 2^4\})$	2129387040
22	$\mathcal{O}(2; \{22^6, 2^2\})$	21296212960
22	$\mathcal{O}(1; \{11^3, 2^{12}\})$	43560
22	$\mathcal{O}(1; \{22, 11^8, 2\})$	43999999560
22	$\mathcal{O}(1; \{22^2, 11^2, 2^{10}\})$	440440
22	$\mathcal{O}(1; \{22^4, 11, 2^8\})$	4399560
22	$\mathcal{O}(1; \{22^6, 2^6\})$	44000440
22	$\mathcal{O}(0; \{11^3, 2^{16}\})$	90
22	$\mathcal{O}(0; \{22, 11^8, 2^5\})$	90909090
22	$\mathcal{O}(0; \{22^2, 11^2, 2^{14}\})$	910
22	$\mathcal{O}(0; \{22^3, 11^7, 2^3\})$	909090910
22	$\mathcal{O}(0; \{22^4, 11, 2^{12}\})$	9090
22	$\mathcal{O}(0; \{22^5, 11^6, 2\})$	9090909090
22	$\mathcal{O}(0; \{22^6, 2^{10}\})$	90910
24	$\mathcal{O}(5; \emptyset)$	63340390907904
24	$\mathcal{O}(4; \{2^4\})$	109628620800
24	$\mathcal{O}(4; \{3^3\})$	219290664960
24	$\mathcal{O}(4; \{4^2, 2\})$	219257241600
24	$\mathcal{O}(4; \{6, 3, 2\})$	219290664960
24	$\mathcal{O}(3; \{2^8\})$	187858944
24	$\mathcal{O}(3; \{3^3, 2^4\})$	376233984
24	$\mathcal{O}(3; \{3^6\})$	4138573824
24	$\mathcal{O}(3; \{4^2, 2^5\})$	375717888
24	$\mathcal{O}(3; \{4^2, 3^3, 2\})$	752467968
24	$\mathcal{O}(3; \{4^4, 2^2\})$	1502871552
24	$\mathcal{O}(3; \{6, 3, 2^5\})$	376233984

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(3; \{6, 3^4, 2\})$	1881169920
24	$\mathcal{O}(3; \{6, 4^2, 3, 2^2\})$	752467968
24	$\mathcal{O}(3; \{6^2, 3^2, 2^2\})$	1128701952
24	$\mathcal{O}(3; \{6^3, 2^3\})$	376233984
24	$\mathcal{O}(3; \{6^3, 4^2\})$	752467968
24	$\mathcal{O}(3; \{6^4, 3\})$	1881169920
24	$\mathcal{O}(3; \{8^2, 4, 2^3\})$	1526726656
24	$\mathcal{O}(3; \{8^2, 4^3\})$	6106906624
24	$\mathcal{O}(3; \{8^2, 6, 4, 3\})$	3057647616
24	$\mathcal{O}(3; \{8^4, 2\})$	12213813248
24	$\mathcal{O}(3; \{12, 4, 3^2, 2^2\})$	752467968
24	$\mathcal{O}(3; \{12, 6, 4, 2^3\})$	752467968
24	$\mathcal{O}(3; \{12, 6, 4^3\})$	3009871872
24	$\mathcal{O}(3; \{12, 6^2, 4, 3\})$	2257403904
24	$\mathcal{O}(3; \{12, 8^2, 3^2\})$	3057647616
24	$\mathcal{O}(3; \{12, 8^2, 6, 2\})$	3057647616
24	$\mathcal{O}(3; \{12^2, 3, 2^3\})$	752467968
24	$\mathcal{O}(3; \{12^2, 4^2, 3\})$	3009871872
24	$\mathcal{O}(3; \{12^2, 6, 3^2\})$	3762339840
24	$\mathcal{O}(3; \{12^2, 6^2, 2\})$	2257403904
24	$\mathcal{O}(3; \{12^3, 4, 2\})$	3009871872
24	$\mathcal{O}(3; \{24, 8, 3, 2^3\})$	1528823808
24	$\mathcal{O}(3; \{24, 8, 4^2, 3\})$	6115295232
24	$\mathcal{O}(3; \{24, 8, 6, 3^2\})$	4586471424
24	$\mathcal{O}(3; \{24, 8, 6^2, 2\})$	1528823808
24	$\mathcal{O}(3; \{24, 12, 8, 4, 2\})$	6115295232
24	$\mathcal{O}(3; \{24^2, 4, 3^2\})$	9172942848
24	$\mathcal{O}(3; \{24^2, 6, 4, 2\})$	3057647616
24	$\mathcal{O}(3; \{24^2, 12, 3, 2\})$	9172942848
24	$\mathcal{O}(2; \{2^{12}\})$	307200
24	$\mathcal{O}(2; \{3^3, 2^8\})$	622080
24	$\mathcal{O}(2; \{3^6, 2^4\})$	6842880
24	$\mathcal{O}(2; \{3^9\})$	52876800
24	$\mathcal{O}(2; \{4^2, 2^9\})$	614400
24	$\mathcal{O}(2; \{4^2, 3^3, 2^5\})$	1244160
24	$\mathcal{O}(2; \{4^2, 3^6, 2\})$	13685760
24	$\mathcal{O}(2; \{4^4, 2^6\})$	2457600
24	$\mathcal{O}(2; \{4^4, 3^3, 2^2\})$	4976640
24	$\mathcal{O}(2; \{4^6, 2^3\})$	9830400
24	$\mathcal{O}(2; \{4^8\})$	39321600
24	$\mathcal{O}(2; \{6, 3, 2^9\})$	622080
24	$\mathcal{O}(2; \{6, 3^4, 2^5\})$	3110400
24	$\mathcal{O}(2; \{6, 3^7, 2\})$	26749440

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(2; \{6, 4^2, 3, 2^6\})$	1244160
24	$\mathcal{O}(2; \{6, 4^2, 3^4, 2^2\})$	6220800
24	$\mathcal{O}(2; \{6, 4^4, 3, 2^3\})$	4976640
24	$\mathcal{O}(2; \{6, 4^6, 3\})$	19906560
24	$\mathcal{O}(2; \{6^2, 3^2, 2^6\})$	1866240
24	$\mathcal{O}(2; \{6^2, 3^5, 2^2\})$	13063680
24	$\mathcal{O}(2; \{6^2, 4^2, 3^2, 2^3\})$	3732480
24	$\mathcal{O}(2; \{6^2, 4^4, 3^2\})$	14929920
24	$\mathcal{O}(2; \{6^3, 2^7\})$	622080
24	$\mathcal{O}(2; \{6^3, 3^3, 2^3\})$	6842880
24	$\mathcal{O}(2; \{6^3, 4^2, 2^4\})$	1244160
24	$\mathcal{O}(2; \{6^3, 4^2, 3^3\})$	13685760
24	$\mathcal{O}(2; \{6^3, 4^4, 2\})$	4976640
24	$\mathcal{O}(2; \{6^4, 3, 2^4\})$	3110400
24	$\mathcal{O}(2; \{6^4, 3^4\})$	26749440
24	$\mathcal{O}(2; \{6^4, 4^2, 3, 2\})$	6220800
24	$\mathcal{O}(2; \{6^5, 3^2, 2\})$	13063680
24	$\mathcal{O}(2; \{6^6, 2^2\})$	6842880
24	$\mathcal{O}(2; \{8^2, 4, 2^7\})$	2621440
24	$\mathcal{O}(2; \{8^2, 4, 3^3, 2^3\})$	5308416
24	$\mathcal{O}(2; \{8^2, 4^3, 2^4\})$	10485760
24	$\mathcal{O}(2; \{8^2, 4^3, 3^3\})$	21233664
24	$\mathcal{O}(2; \{8^2, 4^5, 2\})$	41943040
24	$\mathcal{O}(2; \{8^2, 6, 4, 3, 2^4\})$	5308416
24	$\mathcal{O}(2; \{8^2, 6, 4, 3^4\})$	26542080
24	$\mathcal{O}(2; \{8^2, 6, 4^3, 3, 2\})$	21233664
24	$\mathcal{O}(2; \{8^2, 6^2, 4, 3^2, 2\})$	15925248
24	$\mathcal{O}(2; \{8^2, 6^3, 4, 2^2\})$	5308416
24	$\mathcal{O}(2; \{8^4, 2^5\})$	20971520
24	$\mathcal{O}(2; \{8^4, 3^3, 2\})$	42467328
24	$\mathcal{O}(2; \{8^4, 4^2, 2^2\})$	83886080
24	$\mathcal{O}(2; \{8^4, 6, 3, 2^2\})$	42467328
24	$\mathcal{O}(2; \{8^4, 6^3\})$	42467328
24	$\mathcal{O}(2; \{8^6, 4\})$	671088640
24	$\mathcal{O}(2; \{12, 4, 3^2, 2^6\})$	1244160
24	$\mathcal{O}(2; \{12, 4, 3^5, 2^2\})$	13685760
24	$\mathcal{O}(2; \{12, 4^3, 3^2, 2^3\})$	4976640
24	$\mathcal{O}(2; \{12, 4^5, 3^2\})$	19906560
24	$\mathcal{O}(2; \{12, 6, 4, 2^7\})$	1244160
24	$\mathcal{O}(2; \{12, 6, 4, 3^3, 2^3\})$	6220800
24	$\mathcal{O}(2; \{12, 6, 4^3, 2^4\})$	4976640
24	$\mathcal{O}(2; \{12, 6, 4^3, 3^3\})$	24883200
24	$\mathcal{O}(2; \{12, 6, 4^5, 2\})$	19906560

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(2; \{12, 6^2, 4, 3, 2^4\})$	3732480
24	$\mathcal{O}(2; \{12, 6^2, 4, 3^4\})$	26127360
24	$\mathcal{O}(2; \{12, 6^2, 4^3, 3, 2\})$	14929920
24	$\mathcal{O}(2; \{12, 6^3, 4, 3^2, 2\})$	13685760
24	$\mathcal{O}(2; \{12, 6^4, 4, 2^2\})$	6220800
24	$\mathcal{O}(2; \{12, 8^2, 3^2, 2^4\})$	5308416
24	$\mathcal{O}(2; \{12, 8^2, 3^5\})$	58392576
24	$\mathcal{O}(2; \{12, 8^2, 4^2, 3^2, 2\})$	21233664
24	$\mathcal{O}(2; \{12, 8^2, 6, 2^5\})$	5308416
24	$\mathcal{O}(2; \{12, 8^2, 6, 3^3, 2\})$	26542080
24	$\mathcal{O}(2; \{12, 8^2, 6, 4^2, 2^2\})$	21233664
24	$\mathcal{O}(2; \{12, 8^2, 6^2, 3, 2^2\})$	15925248
24	$\mathcal{O}(2; \{12, 8^2, 6^4\})$	26542080
24	$\mathcal{O}(2; \{12, 8^4, 6, 4\})$	169869312
24	$\mathcal{O}(2; \{12^2, 3, 2^7\})$	1244160
24	$\mathcal{O}(2; \{12^2, 3^4, 2^3\})$	13685760
24	$\mathcal{O}(2; \{12^2, 4^2, 3, 2^4\})$	4976640
24	$\mathcal{O}(2; \{12^2, 4^2, 3^4\})$	54743040
24	$\mathcal{O}(2; \{12^2, 4^4, 3, 2\})$	19906560
24	$\mathcal{O}(2; \{12^2, 6, 3^2, 2^4\})$	6220800
24	$\mathcal{O}(2; \{12^2, 6, 3^5\})$	53498880
24	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^2, 2\})$	24883200
24	$\mathcal{O}(2; \{12^2, 6^2, 2^5\})$	3732480
24	$\mathcal{O}(2; \{12^2, 6^2, 3^3, 2\})$	26127360
24	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 2^2\})$	14929920
24	$\mathcal{O}(2; \{12^2, 6^3, 3, 2^2\})$	13685760
24	$\mathcal{O}(2; \{12^2, 6^5\})$	26127360
24	$\mathcal{O}(2; \{12^2, 8^2, 4, 3, 2^2\})$	21233664
24	$\mathcal{O}(2; \{12^2, 8^2, 6^2, 4\})$	63700992
24	$\mathcal{O}(2; \{12^2, 8^4, 3\})$	169869312
24	$\mathcal{O}(2; \{12^3, 4, 2^5\})$	4976640
24	$\mathcal{O}(2; \{12^3, 4, 3^3, 2\})$	54743040
24	$\mathcal{O}(2; \{12^3, 4^3, 2^2\})$	19906560
24	$\mathcal{O}(2; \{12^3, 6, 4, 3, 2^2\})$	24883200
24	$\mathcal{O}(2; \{12^3, 6^3, 4\})$	54743040
24	$\mathcal{O}(2; \{12^3, 8^2, 2^3\})$	21233664
24	$\mathcal{O}(2; \{12^3, 8^2, 4^2\})$	84934656
24	$\mathcal{O}(2; \{12^3, 8^2, 6, 3\})$	106168320
24	$\mathcal{O}(2; \{12^4, 3^2, 2^2\})$	54743040
24	$\mathcal{O}(2; \{12^4, 6, 2^3\})$	24883200
24	$\mathcal{O}(2; \{12^4, 6, 4^2\})$	99532800
24	$\mathcal{O}(2; \{12^4, 6^2, 3\})$	104509440
24	$\mathcal{O}(2; \{12^5, 4, 3\})$	218972160

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(2; \{12^6, 2\})$	218972160
24	$\mathcal{O}(2; \{24, 8, 3, 2^7\})$	2654208
24	$\mathcal{O}(2; \{24, 8, 3^4, 2^3\})$	13271040
24	$\mathcal{O}(2; \{24, 8, 4^2, 3, 2^4\})$	10616832
24	$\mathcal{O}(2; \{24, 8, 4^2, 3^4\})$	53084160
24	$\mathcal{O}(2; \{24, 8, 4^4, 3, 2\})$	42467328
24	$\mathcal{O}(2; \{24, 8, 6, 3^2, 2^4\})$	7962624
24	$\mathcal{O}(2; \{24, 8, 6, 3^5\})$	55738368
24	$\mathcal{O}(2; \{24, 8, 6, 4^2, 3^2, 2\})$	31850496
24	$\mathcal{O}(2; \{24, 8, 6^2, 2^5\})$	2654208
24	$\mathcal{O}(2; \{24, 8, 6^2, 3^3, 2\})$	29196288
24	$\mathcal{O}(2; \{24, 8, 6^2, 4^2, 2^2\})$	10616832
24	$\mathcal{O}(2; \{24, 8, 6^3, 3, 2^2\})$	13271040
24	$\mathcal{O}(2; \{24, 8, 6^5\})$	29196288
24	$\mathcal{O}(2; \{24, 8^3, 4, 3, 2^2\})$	84934656
24	$\mathcal{O}(2; \{24, 8^3, 6^2, 4\})$	84934656
24	$\mathcal{O}(2; \{24, 8^5, 3\})$	679477248
24	$\mathcal{O}(2; \{24, 12, 8, 4, 2^5\})$	10616832
24	$\mathcal{O}(2; \{24, 12, 8, 4, 3^3, 2\})$	53084160
24	$\mathcal{O}(2; \{24, 12, 8, 4^3, 2^2\})$	42467328
24	$\mathcal{O}(2; \{24, 12, 8, 6, 4, 3, 2^2\})$	31850496
24	$\mathcal{O}(2; \{24, 12, 8, 6^3, 4\})$	53084160
24	$\mathcal{O}(2; \{24, 12, 8^3, 2^3\})$	84934656
24	$\mathcal{O}(2; \{24, 12, 8^3, 4^2\})$	339738624
24	$\mathcal{O}(2; \{24, 12, 8^3, 6, 3\})$	254803968
24	$\mathcal{O}(2; \{24, 12^2, 8, 3^2, 2^2\})$	53084160
24	$\mathcal{O}(2; \{24, 12^2, 8, 6, 2^3\})$	31850496
24	$\mathcal{O}(2; \{24, 12^2, 8, 6, 4^2\})$	127401984
24	$\mathcal{O}(2; \{24, 12^2, 8, 6^2, 3\})$	116785152
24	$\mathcal{O}(2; \{24, 12^3, 8, 4, 3\})$	212336640
24	$\mathcal{O}(2; \{24, 12^4, 8, 2\})$	212336640
24	$\mathcal{O}(2; \{24^2, 4, 3^2, 2^4\})$	15925248
24	$\mathcal{O}(2; \{24^2, 4, 3^5\})$	111476736
24	$\mathcal{O}(2; \{24^2, 4^3, 3^2, 2\})$	63700992
24	$\mathcal{O}(2; \{24^2, 6, 4, 2^5\})$	5308416
24	$\mathcal{O}(2; \{24^2, 6, 4, 3^3, 2\})$	58392576
24	$\mathcal{O}(2; \{24^2, 6, 4^3, 2^2\})$	21233664
24	$\mathcal{O}(2; \{24^2, 6^2, 4, 3, 2^2\})$	26542080
24	$\mathcal{O}(2; \{24^2, 6^4, 4\})$	58392576
24	$\mathcal{O}(2; \{24^2, 8^2, 3^2, 2^2\})$	127401984
24	$\mathcal{O}(2; \{24^2, 8^2, 6, 2^3\})$	42467328
24	$\mathcal{O}(2; \{24^2, 8^2, 6, 4^2\})$	169869312
24	$\mathcal{O}(2; \{24^2, 8^2, 6^2, 3\})$	212336640

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(2; \{24^2, 12, 3, 2^5\})$	15925248
24	$\mathcal{O}(2; \{24^2, 12, 3^4, 2\})$	111476736
24	$\mathcal{O}(2; \{24^2, 12, 4^2, 3, 2^2\})$	63700992
24	$\mathcal{O}(2; \{24^2, 12, 6, 3^2, 2^2\})$	58392576
24	$\mathcal{O}(2; \{24^2, 12, 6^2, 2^3\})$	26542080
24	$\mathcal{O}(2; \{24^2, 12, 6^2, 4^2\})$	106168320
24	$\mathcal{O}(2; \{24^2, 12, 6^3, 3\})$	111476736
24	$\mathcal{O}(2; \{24^2, 12, 8^2, 4, 3\})$	509607936
24	$\mathcal{O}(2; \{24^2, 12^2, 4, 2^3\})$	63700992
24	$\mathcal{O}(2; \{24^2, 12^2, 4^3\})$	254803968
24	$\mathcal{O}(2; \{24^2, 12^2, 6, 4, 3\})$	233570304
24	$\mathcal{O}(2; \{24^2, 12^2, 8^2, 2\})$	509607936
24	$\mathcal{O}(2; \{24^2, 12^3, 3^2\})$	445906944
24	$\mathcal{O}(2; \{24^2, 12^3, 6, 2\})$	233570304
24	$\mathcal{O}(2; \{24^3, 8, 4, 2^3\})$	84934656
24	$\mathcal{O}(2; \{24^3, 8, 4^3\})$	339738624
24	$\mathcal{O}(2; \{24^3, 8, 6, 4, 3\})$	424673280
24	$\mathcal{O}(2; \{24^3, 8^3, 2\})$	679477248
24	$\mathcal{O}(2; \{24^3, 12, 8, 3^2\})$	934281216
24	$\mathcal{O}(2; \{24^3, 12, 8, 6, 2\})$	424673280
24	$\mathcal{O}(2; \{24^4, 3, 2^3\})$	212336640
24	$\mathcal{O}(2; \{24^4, 4^2, 3\})$	849346560
24	$\mathcal{O}(2; \{24^4, 6, 3^2\})$	891813888
24	$\mathcal{O}(2; \{24^4, 6^2, 2\})$	467140608
24	$\mathcal{O}(2; \{24^4, 12, 4, 2\})$	849346560
24	$\mathcal{O}(1; \{2^{16}\})$	384
24	$\mathcal{O}(1; \{3^3, 2^{12}\})$	864
24	$\mathcal{O}(1; \{3^6, 2^8\})$	9504
24	$\mathcal{O}(1; \{3^9, 2^4\})$	73440
24	$\mathcal{O}(1; \{3^{12}\})$	590112
24	$\mathcal{O}(1; \{4^2, 2^{13}\})$	768
24	$\mathcal{O}(1; \{4^2, 3^3, 2^9\})$	1728
24	$\mathcal{O}(1; \{4^2, 3^6, 2^5\})$	19008
24	$\mathcal{O}(1; \{4^2, 3^9, 2\})$	146880
24	$\mathcal{O}(1; \{4^4, 2^{10}\})$	3072
24	$\mathcal{O}(1; \{4^4, 3^3, 2^6\})$	6912
24	$\mathcal{O}(1; \{4^4, 3^6, 2^2\})$	76032
24	$\mathcal{O}(1; \{4^6, 2^7\})$	12288
24	$\mathcal{O}(1; \{4^6, 3^3, 2^3\})$	27648
24	$\mathcal{O}(1; \{4^8, 2^4\})$	49152
24	$\mathcal{O}(1; \{4^8, 3^3\})$	110592
24	$\mathcal{O}(1; \{4^{10}, 2\})$	196608
24	$\mathcal{O}(1; \{6, 3, 2^{13}\})$	864

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{6, 3^4, 2^9\})$	4320
24	$\mathcal{O}(1; \{6, 3^7, 2^5\})$	37152
24	$\mathcal{O}(1; \{6, 3^{10}, 2\})$	294624
24	$\mathcal{O}(1; \{6, 4^2, 3, 2^{10}\})$	1728
24	$\mathcal{O}(1; \{6, 4^2, 3^4, 2^6\})$	8640
24	$\mathcal{O}(1; \{6, 4^2, 3^7, 2^2\})$	74304
24	$\mathcal{O}(1; \{6, 4^4, 3, 2^7\})$	6912
24	$\mathcal{O}(1; \{6, 4^4, 3^4, 2^3\})$	34560
24	$\mathcal{O}(1; \{6, 4^6, 3, 2^4\})$	27648
24	$\mathcal{O}(1; \{6, 4^6, 3^4\})$	138240
24	$\mathcal{O}(1; \{6, 4^8, 3, 2\})$	110592
24	$\mathcal{O}(1; \{6^2, 3^2, 2^{10}\})$	2592
24	$\mathcal{O}(1; \{6^2, 3^5, 2^6\})$	18144
24	$\mathcal{O}(1; \{6^2, 3^8, 2^2\})$	147744
24	$\mathcal{O}(1; \{6^2, 4^2, 3^2, 2^7\})$	5184
24	$\mathcal{O}(1; \{6^2, 4^2, 3^5, 2^3\})$	36288
24	$\mathcal{O}(1; \{6^2, 4^4, 3^2, 2^4\})$	20736
24	$\mathcal{O}(1; \{6^2, 4^4, 3^5\})$	145152
24	$\mathcal{O}(1; \{6^2, 4^6, 3^2, 2\})$	82944
24	$\mathcal{O}(1; \{6^3, 2^{11}\})$	864
24	$\mathcal{O}(1; \{6^3, 3^3, 2^7\})$	9504
24	$\mathcal{O}(1; \{6^3, 3^6, 2^3\})$	73440
24	$\mathcal{O}(1; \{6^3, 4^2, 2^8\})$	1728
24	$\mathcal{O}(1; \{6^3, 4^2, 3^3, 2^4\})$	19008
24	$\mathcal{O}(1; \{6^3, 4^2, 3^6\})$	146880
24	$\mathcal{O}(1; \{6^3, 4^4, 2^5\})$	6912
24	$\mathcal{O}(1; \{6^3, 4^4, 3^3, 2\})$	76032
24	$\mathcal{O}(1; \{6^3, 4^6, 2^2\})$	27648
24	$\mathcal{O}(1; \{6^4, 3, 2^8\})$	4320
24	$\mathcal{O}(1; \{6^4, 3^4, 2^4\})$	37152
24	$\mathcal{O}(1; \{6^4, 3^7\})$	294624
24	$\mathcal{O}(1; \{6^4, 4^2, 3, 2^5\})$	8640
24	$\mathcal{O}(1; \{6^4, 4^2, 3^4, 2\})$	74304
24	$\mathcal{O}(1; \{6^4, 4^4, 3, 2^2\})$	34560
24	$\mathcal{O}(1; \{6^5, 3^2, 2^5\})$	18144
24	$\mathcal{O}(1; \{6^5, 3^5, 2\})$	147744
24	$\mathcal{O}(1; \{6^5, 4^2, 3^2, 2^2\})$	36288
24	$\mathcal{O}(1; \{6^6, 2^6\})$	9504
24	$\mathcal{O}(1; \{6^6, 3^3, 2^2\})$	73440
24	$\mathcal{O}(1; \{6^6, 4^2, 2^3\})$	19008
24	$\mathcal{O}(1; \{6^6, 4^4\})$	76032
24	$\mathcal{O}(1; \{6^7, 3, 2^3\})$	37152
24	$\mathcal{O}(1; \{6^7, 4^2, 3\})$	74304

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{6^8, 3^2\})$	147744
24	$\mathcal{O}(1; \{6^9, 2\})$	73440
24	$\mathcal{O}(1; \{8^2, 4, 2^{11}\})$	4096
24	$\mathcal{O}(1; \{8^2, 4, 3^3, 2^7\})$	9216
24	$\mathcal{O}(1; \{8^2, 4, 3^6, 2^3\})$	101376
24	$\mathcal{O}(1; \{8^2, 4^3, 2^8\})$	16384
24	$\mathcal{O}(1; \{8^2, 4^3, 3^3, 2^4\})$	36864
24	$\mathcal{O}(1; \{8^2, 4^3, 3^6\})$	405504
24	$\mathcal{O}(1; \{8^2, 4^5, 2^5\})$	65536
24	$\mathcal{O}(1; \{8^2, 4^5, 3^3, 2\})$	147456
24	$\mathcal{O}(1; \{8^2, 4^7, 2^2\})$	262144
24	$\mathcal{O}(1; \{8^2, 6, 4, 3, 2^8\})$	9216
24	$\mathcal{O}(1; \{8^2, 6, 4, 3^4, 2^4\})$	46080
24	$\mathcal{O}(1; \{8^2, 6, 4, 3^7\})$	396288
24	$\mathcal{O}(1; \{8^2, 6, 4^3, 3, 2^5\})$	36864
24	$\mathcal{O}(1; \{8^2, 6, 4^3, 3^4, 2\})$	184320
24	$\mathcal{O}(1; \{8^2, 6, 4^5, 3, 2^2\})$	147456
24	$\mathcal{O}(1; \{8^2, 6^2, 4, 3^2, 2^5\})$	27648
24	$\mathcal{O}(1; \{8^2, 6^2, 4, 3^5, 2\})$	193536
24	$\mathcal{O}(1; \{8^2, 6^2, 4^3, 3^2, 2^2\})$	110592
24	$\mathcal{O}(1; \{8^2, 6^3, 4, 2^6\})$	9216
24	$\mathcal{O}(1; \{8^2, 6^3, 4, 3^3, 2^2\})$	101376
24	$\mathcal{O}(1; \{8^2, 6^3, 4^3, 2^3\})$	36864
24	$\mathcal{O}(1; \{8^2, 6^3, 4^5\})$	147456
24	$\mathcal{O}(1; \{8^2, 6^4, 4, 3, 2^3\})$	46080
24	$\mathcal{O}(1; \{8^2, 6^4, 4^3, 3\})$	184320
24	$\mathcal{O}(1; \{8^2, 6^5, 4, 3^2\})$	193536
24	$\mathcal{O}(1; \{8^2, 6^6, 4, 2\})$	101376
24	$\mathcal{O}(1; \{8^4, 2^9\})$	32768
24	$\mathcal{O}(1; \{8^4, 3^3, 2^5\})$	73728
24	$\mathcal{O}(1; \{8^4, 3^6, 2\})$	811008
24	$\mathcal{O}(1; \{8^4, 4^2, 2^6\})$	131072
24	$\mathcal{O}(1; \{8^4, 4^2, 3^3, 2^2\})$	294912
24	$\mathcal{O}(1; \{8^4, 4^4, 2^3\})$	524288
24	$\mathcal{O}(1; \{8^4, 4^6\})$	2097152
24	$\mathcal{O}(1; \{8^4, 6, 3, 2^6\})$	73728
24	$\mathcal{O}(1; \{8^4, 6, 3^4, 2^2\})$	368640
24	$\mathcal{O}(1; \{8^4, 6, 4^2, 3, 2^3\})$	294912
24	$\mathcal{O}(1; \{8^4, 6, 4^4, 3\})$	1179648
24	$\mathcal{O}(1; \{8^4, 6^2, 3^2, 2^3\})$	221184
24	$\mathcal{O}(1; \{8^4, 6^2, 4^2, 3^2\})$	884736
24	$\mathcal{O}(1; \{8^4, 6^3, 2^4\})$	73728
24	$\mathcal{O}(1; \{8^4, 6^3, 3^3\})$	811008

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{8^4, 6^3, 4^2, 2\})$	294912
24	$\mathcal{O}(1; \{8^4, 6^4, 3, 2\})$	368640
24	$\mathcal{O}(1; \{8^6, 4, 2^4\})$	1048576
24	$\mathcal{O}(1; \{8^6, 4, 3^3\})$	2359296
24	$\mathcal{O}(1; \{8^6, 4^3, 2\})$	4194304
24	$\mathcal{O}(1; \{8^6, 6, 4, 3, 2\})$	2359296
24	$\mathcal{O}(1; \{8^8, 2^2\})$	8388608
24	$\mathcal{O}(1; \{12, 4, 3^2, 2^{10}\})$	1728
24	$\mathcal{O}(1; \{12, 4, 3^5, 2^6\})$	19008
24	$\mathcal{O}(1; \{12, 4, 3^8, 2^2\})$	146880
24	$\mathcal{O}(1; \{12, 4^3, 3^2, 2^7\})$	6912
24	$\mathcal{O}(1; \{12, 4^3, 3^5, 2^3\})$	76032
24	$\mathcal{O}(1; \{12, 4^5, 3^2, 2^4\})$	27648
24	$\mathcal{O}(1; \{12, 4^5, 3^5\})$	304128
24	$\mathcal{O}(1; \{12, 4^7, 3^2, 2\})$	110592
24	$\mathcal{O}(1; \{12, 6, 4, 2^{11}\})$	1728
24	$\mathcal{O}(1; \{12, 6, 4, 3^3, 2^7\})$	8640
24	$\mathcal{O}(1; \{12, 6, 4, 3^6, 2^3\})$	74304
24	$\mathcal{O}(1; \{12, 6, 4^3, 2^8\})$	6912
24	$\mathcal{O}(1; \{12, 6, 4^3, 3^3, 2^4\})$	34560
24	$\mathcal{O}(1; \{12, 6, 4^3, 3^6\})$	297216
24	$\mathcal{O}(1; \{12, 6, 4^5, 2^5\})$	27648
24	$\mathcal{O}(1; \{12, 6, 4^5, 3^3, 2\})$	138240
24	$\mathcal{O}(1; \{12, 6, 4^7, 2^2\})$	110592
24	$\mathcal{O}(1; \{12, 6^2, 4, 3, 2^8\})$	5184
24	$\mathcal{O}(1; \{12, 6^2, 4, 3^4, 2^4\})$	36288
24	$\mathcal{O}(1; \{12, 6^2, 4, 3^7\})$	295488
24	$\mathcal{O}(1; \{12, 6^2, 4^3, 3, 2^5\})$	20736
24	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^4, 2\})$	145152
24	$\mathcal{O}(1; \{12, 6^2, 4^5, 3, 2^2\})$	82944
24	$\mathcal{O}(1; \{12, 6^3, 4, 3^2, 2^5\})$	19008
24	$\mathcal{O}(1; \{12, 6^3, 4, 3^5, 2\})$	146880
24	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^2, 2^2\})$	76032
24	$\mathcal{O}(1; \{12, 6^4, 4, 2^6\})$	8640
24	$\mathcal{O}(1; \{12, 6^4, 4, 3^3, 2^2\})$	74304
24	$\mathcal{O}(1; \{12, 6^4, 4^3, 2^3\})$	34560
24	$\mathcal{O}(1; \{12, 6^4, 4^5\})$	138240
24	$\mathcal{O}(1; \{12, 6^5, 4, 3, 2^3\})$	36288
24	$\mathcal{O}(1; \{12, 6^5, 4^3, 3\})$	145152
24	$\mathcal{O}(1; \{12, 6^6, 4, 3^2\})$	146880
24	$\mathcal{O}(1; \{12, 6^7, 4, 2\})$	74304
24	$\mathcal{O}(1; \{12, 8^2, 3^2, 2^8\})$	9216
24	$\mathcal{O}(1; \{12, 8^2, 3^5, 2^4\})$	101376

Continued on next page

Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{12, 8^2, 3^8\})$	783360
24	$\mathcal{O}(1; \{12, 8^2, 4^2, 3^2, 2^5\})$	36864
24	$\mathcal{O}(1; \{12, 8^2, 4^2, 3^5, 2\})$	405504
24	$\mathcal{O}(1; \{12, 8^2, 4^4, 3^2, 2^2\})$	147456
24	$\mathcal{O}(1; \{12, 8^2, 6, 2^9\})$	9216
24	$\mathcal{O}(1; \{12, 8^2, 6, 3^3, 2^5\})$	46080
24	$\mathcal{O}(1; \{12, 8^2, 6, 3^6, 2\})$	396288
24	$\mathcal{O}(1; \{12, 8^2, 6, 4^2, 2^6\})$	36864
24	$\mathcal{O}(1; \{12, 8^2, 6, 4^2, 3^3, 2^2\})$	184320
24	$\mathcal{O}(1; \{12, 8^2, 6, 4^4, 2^3\})$	147456
24	$\mathcal{O}(1; \{12, 8^2, 6, 4^6\})$	589824
24	$\mathcal{O}(1; \{12, 8^2, 6^2, 3, 2^6\})$	27648
24	$\mathcal{O}(1; \{12, 8^2, 6^2, 3^4, 2^2\})$	193536
24	$\mathcal{O}(1; \{12, 8^2, 6^2, 4^2, 3, 2^3\})$	110592
24	$\mathcal{O}(1; \{12, 8^2, 6^2, 4^4, 3\})$	442368
24	$\mathcal{O}(1; \{12, 8^2, 6^3, 3^2, 2^3\})$	101376
24	$\mathcal{O}(1; \{12, 8^2, 6^3, 4^2, 3^2\})$	405504
24	$\mathcal{O}(1; \{12, 8^2, 6^4, 2^4\})$	46080
24	$\mathcal{O}(1; \{12, 8^2, 6^4, 3^3\})$	396288
24	$\mathcal{O}(1; \{12, 8^2, 6^4, 4^2, 2\})$	184320
24	$\mathcal{O}(1; \{12, 8^2, 6^5, 3, 2\})$	193536
24	$\mathcal{O}(1; \{12, 8^4, 4, 3^2, 2^3\})$	294912
24	$\mathcal{O}(1; \{12, 8^4, 4^3, 3^2\})$	1179648
24	$\mathcal{O}(1; \{12, 8^4, 6, 4, 2^4\})$	294912
24	$\mathcal{O}(1; \{12, 8^4, 6, 4, 3^3\})$	1474560
24	$\mathcal{O}(1; \{12, 8^4, 6, 4^3, 2\})$	1179648
24	$\mathcal{O}(1; \{12, 8^4, 6^2, 4, 3, 2\})$	884736
24	$\mathcal{O}(1; \{12, 8^6, 3^2, 2\})$	2359296
24	$\mathcal{O}(1; \{12, 8^6, 6, 2^2\})$	2359296
24	$\mathcal{O}(1; \{12^2, 3, 2^{11}\})$	1728
24	$\mathcal{O}(1; \{12^2, 3^4, 2^7\})$	19008
24	$\mathcal{O}(1; \{12^2, 3^7, 2^3\})$	146880
24	$\mathcal{O}(1; \{12^2, 4^2, 3, 2^8\})$	6912
24	$\mathcal{O}(1; \{12^2, 4^2, 3^4, 2^4\})$	76032
24	$\mathcal{O}(1; \{12^2, 4^2, 3^7\})$	587520
24	$\mathcal{O}(1; \{12^2, 4^4, 3, 2^5\})$	27648
24	$\mathcal{O}(1; \{12^2, 4^4, 3^4, 2\})$	304128
24	$\mathcal{O}(1; \{12^2, 4^6, 3, 2^2\})$	110592
24	$\mathcal{O}(1; \{12^2, 6, 3^2, 2^8\})$	8640
24	$\mathcal{O}(1; \{12^2, 6, 3^5, 2^4\})$	74304
24	$\mathcal{O}(1; \{12^2, 6, 3^8\})$	589248
24	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^2, 2^5\})$	34560
24	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^5, 2\})$	297216

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^2, 2^2\})$	138240
24	$\mathcal{O}(1; \{12^2, 6^2, 2^9\})$	5184
24	$\mathcal{O}(1; \{12^2, 6^2, 3^3, 2^5\})$	36288
24	$\mathcal{O}(1; \{12^2, 6^2, 3^6, 2\})$	295488
24	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 2^6\})$	20736
24	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^3, 2^2\})$	145152
24	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 2^3\})$	82944
24	$\mathcal{O}(1; \{12^2, 6^2, 4^6\})$	331776
24	$\mathcal{O}(1; \{12^2, 6^3, 3, 2^6\})$	19008
24	$\mathcal{O}(1; \{12^2, 6^3, 3^4, 2^2\})$	146880
24	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3, 2^3\})$	76032
24	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3\})$	304128
24	$\mathcal{O}(1; \{12^2, 6^4, 3^2, 2^3\})$	74304
24	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^2\})$	297216
24	$\mathcal{O}(1; \{12^2, 6^5, 2^4\})$	36288
24	$\mathcal{O}(1; \{12^2, 6^5, 3^3\})$	295488
24	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 2\})$	145152
24	$\mathcal{O}(1; \{12^2, 6^6, 3, 2\})$	146880
24	$\mathcal{O}(1; \{12^2, 8^2, 4, 3, 2^6\})$	36864
24	$\mathcal{O}(1; \{12^2, 8^2, 4, 3^4, 2^2\})$	405504
24	$\mathcal{O}(1; \{12^2, 8^2, 4^3, 3, 2^3\})$	147456
24	$\mathcal{O}(1; \{12^2, 8^2, 4^5, 3\})$	589824
24	$\mathcal{O}(1; \{12^2, 8^2, 6, 4, 3^2, 2^3\})$	184320
24	$\mathcal{O}(1; \{12^2, 8^2, 6, 4^3, 3^2\})$	737280
24	$\mathcal{O}(1; \{12^2, 8^2, 6^2, 4, 2^4\})$	110592
24	$\mathcal{O}(1; \{12^2, 8^2, 6^2, 4, 3^3\})$	774144
24	$\mathcal{O}(1; \{12^2, 8^2, 6^2, 4^3, 2\})$	442368
24	$\mathcal{O}(1; \{12^2, 8^2, 6^3, 4, 3, 2\})$	405504
24	$\mathcal{O}(1; \{12^2, 8^4, 3, 2^4\})$	294912
24	$\mathcal{O}(1; \{12^2, 8^4, 3^4\})$	3244032
24	$\mathcal{O}(1; \{12^2, 8^4, 4^2, 3, 2\})$	1179648
24	$\mathcal{O}(1; \{12^2, 8^4, 6, 3^2, 2\})$	1474560
24	$\mathcal{O}(1; \{12^2, 8^4, 6^2, 2^2\})$	884736
24	$\mathcal{O}(1; \{12^3, 4, 2^9\})$	6912
24	$\mathcal{O}(1; \{12^3, 4, 3^3, 2^5\})$	76032
24	$\mathcal{O}(1; \{12^3, 4, 3^6, 2\})$	587520
24	$\mathcal{O}(1; \{12^3, 4^3, 2^6\})$	27648
24	$\mathcal{O}(1; \{12^3, 4^3, 3^3, 2^2\})$	304128
24	$\mathcal{O}(1; \{12^3, 4^5, 2^3\})$	110592
24	$\mathcal{O}(1; \{12^3, 4^7\})$	442368
24	$\mathcal{O}(1; \{12^3, 6, 4, 3, 2^6\})$	34560
24	$\mathcal{O}(1; \{12^3, 6, 4, 3^4, 2^2\})$	297216
24	$\mathcal{O}(1; \{12^3, 6, 4^3, 3, 2^3\})$	138240

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{12^3, 6, 4^5, 3\})$	552960
24	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^2, 2^3\})$	145152
24	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^2\})$	580608
24	$\mathcal{O}(1; \{12^3, 6^3, 4, 2^4\})$	76032
24	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^3\})$	587520
24	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 2\})$	304128
24	$\mathcal{O}(1; \{12^3, 6^4, 4, 3, 2\})$	297216
24	$\mathcal{O}(1; \{12^3, 8^2, 2^7\})$	36864
24	$\mathcal{O}(1; \{12^3, 8^2, 3^3, 2^3\})$	405504
24	$\mathcal{O}(1; \{12^3, 8^2, 4^2, 2^4\})$	147456
24	$\mathcal{O}(1; \{12^3, 8^2, 4^2, 3^3\})$	1622016
24	$\mathcal{O}(1; \{12^3, 8^2, 4^4, 2\})$	589824
24	$\mathcal{O}(1; \{12^3, 8^2, 6, 3, 2^4\})$	184320
24	$\mathcal{O}(1; \{12^3, 8^2, 6, 3^4\})$	1585152
24	$\mathcal{O}(1; \{12^3, 8^2, 6, 4^2, 3, 2\})$	737280
24	$\mathcal{O}(1; \{12^3, 8^2, 6^2, 3^2, 2\})$	774144
24	$\mathcal{O}(1; \{12^3, 8^2, 6^3, 2^2\})$	405504
24	$\mathcal{O}(1; \{12^3, 8^4, 4, 2^2\})$	1179648
24	$\mathcal{O}(1; \{12^3, 8^6\})$	9437184
24	$\mathcal{O}(1; \{12^4, 3^2, 2^6\})$	76032
24	$\mathcal{O}(1; \{12^4, 3^5, 2^2\})$	587520
24	$\mathcal{O}(1; \{12^4, 4^2, 3^2, 2^3\})$	304128
24	$\mathcal{O}(1; \{12^4, 4^4, 3^2\})$	1216512
24	$\mathcal{O}(1; \{12^4, 6, 2^7\})$	34560
24	$\mathcal{O}(1; \{12^4, 6, 3^3, 2^3\})$	297216
24	$\mathcal{O}(1; \{12^4, 6, 4^2, 2^4\})$	138240
24	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^3\})$	1188864
24	$\mathcal{O}(1; \{12^4, 6, 4^4, 2\})$	552960
24	$\mathcal{O}(1; \{12^4, 6^2, 3, 2^4\})$	145152
24	$\mathcal{O}(1; \{12^4, 6^2, 3^4\})$	1181952
24	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3, 2\})$	580608
24	$\mathcal{O}(1; \{12^4, 6^3, 3^2, 2\})$	587520
24	$\mathcal{O}(1; \{12^4, 6^4, 2^2\})$	297216
24	$\mathcal{O}(1; \{12^4, 8^2, 4, 3^2, 2\})$	1622016
24	$\mathcal{O}(1; \{12^4, 8^2, 6, 4, 2^2\})$	737280
24	$\mathcal{O}(1; \{12^4, 8^4, 6\})$	5898240
24	$\mathcal{O}(1; \{12^5, 4, 3, 2^4\})$	304128
24	$\mathcal{O}(1; \{12^5, 4, 3^4\})$	2350080
24	$\mathcal{O}(1; \{12^5, 4^3, 3, 2\})$	1216512
24	$\mathcal{O}(1; \{12^5, 6, 4, 3^2, 2\})$	1188864
24	$\mathcal{O}(1; \{12^5, 6^2, 4, 2^2\})$	580608
24	$\mathcal{O}(1; \{12^5, 8^2, 3, 2^2\})$	1622016
24	$\mathcal{O}(1; \{12^5, 8^2, 6^2\})$	3096576

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{12^6, 2^5\})$	304128
24	$\mathcal{O}(1; \{12^6, 3^3, 2\})$	2350080
24	$\mathcal{O}(1; \{12^6, 4^2, 2^2\})$	1216512
24	$\mathcal{O}(1; \{12^6, 6, 3, 2^2\})$	1188864
24	$\mathcal{O}(1; \{12^6, 6^3\})$	2350080
24	$\mathcal{O}(1; \{12^6, 8^2, 4\})$	6488064
24	$\mathcal{O}(1; \{12^7, 6, 4\})$	4755456
24	$\mathcal{O}(1; \{12^8, 3\})$	9400320
24	$\mathcal{O}(1; \{24, 8, 3, 2^{11}\})$	4608
24	$\mathcal{O}(1; \{24, 8, 3^4, 2^7\})$	23040
24	$\mathcal{O}(1; \{24, 8, 3^7, 2^3\})$	198144
24	$\mathcal{O}(1; \{24, 8, 4^2, 3, 2^8\})$	18432
24	$\mathcal{O}(1; \{24, 8, 4^2, 3^4, 2^4\})$	92160
24	$\mathcal{O}(1; \{24, 8, 4^2, 3^7\})$	792576
24	$\mathcal{O}(1; \{24, 8, 4^4, 3, 2^5\})$	73728
24	$\mathcal{O}(1; \{24, 8, 4^4, 3^4, 2\})$	368640
24	$\mathcal{O}(1; \{24, 8, 4^6, 3, 2^2\})$	294912
24	$\mathcal{O}(1; \{24, 8, 6, 3^2, 2^8\})$	13824
24	$\mathcal{O}(1; \{24, 8, 6, 3^5, 2^4\})$	96768
24	$\mathcal{O}(1; \{24, 8, 6, 3^8\})$	787968
24	$\mathcal{O}(1; \{24, 8, 6, 4^2, 3^2, 2^5\})$	55296
24	$\mathcal{O}(1; \{24, 8, 6, 4^2, 3^5, 2\})$	387072
24	$\mathcal{O}(1; \{24, 8, 6, 4^4, 3^2, 2^2\})$	221184
24	$\mathcal{O}(1; \{24, 8, 6^2, 2^9\})$	4608
24	$\mathcal{O}(1; \{24, 8, 6^2, 3^3, 2^5\})$	50688
24	$\mathcal{O}(1; \{24, 8, 6^2, 3^6, 2\})$	391680
24	$\mathcal{O}(1; \{24, 8, 6^2, 4^2, 2^6\})$	18432
24	$\mathcal{O}(1; \{24, 8, 6^2, 4^2, 3^3, 2^2\})$	202752
24	$\mathcal{O}(1; \{24, 8, 6^2, 4^4, 2^3\})$	73728
24	$\mathcal{O}(1; \{24, 8, 6^2, 4^6\})$	294912
24	$\mathcal{O}(1; \{24, 8, 6^3, 3, 2^6\})$	23040
24	$\mathcal{O}(1; \{24, 8, 6^3, 3^4, 2^2\})$	198144
24	$\mathcal{O}(1; \{24, 8, 6^3, 4^2, 3, 2^3\})$	92160
24	$\mathcal{O}(1; \{24, 8, 6^3, 4^4, 3\})$	368640
24	$\mathcal{O}(1; \{24, 8, 6^4, 3^2, 2^3\})$	96768
24	$\mathcal{O}(1; \{24, 8, 6^4, 4^2, 3^2\})$	387072
24	$\mathcal{O}(1; \{24, 8, 6^5, 2^4\})$	50688
24	$\mathcal{O}(1; \{24, 8, 6^5, 3^3\})$	391680
24	$\mathcal{O}(1; \{24, 8, 6^5, 4^2, 2\})$	202752
24	$\mathcal{O}(1; \{24, 8, 6^6, 3, 2\})$	198144
24	$\mathcal{O}(1; \{24, 8^3, 4, 3, 2^6\})$	147456
24	$\mathcal{O}(1; \{24, 8^3, 4, 3^4, 2^2\})$	737280
24	$\mathcal{O}(1; \{24, 8^3, 4^3, 3, 2^3\})$	589824

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24, 8^3, 4^5, 3\})$	2359296
24	$\mathcal{O}(1; \{24, 8^3, 6, 4, 3^2, 2^3\})$	442368
24	$\mathcal{O}(1; \{24, 8^3, 6, 4^3, 3^2\})$	1769472
24	$\mathcal{O}(1; \{24, 8^3, 6^2, 4, 2^4\})$	147456
24	$\mathcal{O}(1; \{24, 8^3, 6^2, 4, 3^3\})$	1622016
24	$\mathcal{O}(1; \{24, 8^3, 6^2, 4^3, 2\})$	589824
24	$\mathcal{O}(1; \{24, 8^3, 6^3, 4, 3, 2\})$	737280
24	$\mathcal{O}(1; \{24, 8^5, 3, 2^4\})$	1179648
24	$\mathcal{O}(1; \{24, 8^5, 3^4\})$	5898240
24	$\mathcal{O}(1; \{24, 8^5, 4^2, 3, 2\})$	4718592
24	$\mathcal{O}(1; \{24, 8^5, 6, 3^2, 2\})$	3538944
24	$\mathcal{O}(1; \{24, 8^5, 6^2, 2^2\})$	1179648
24	$\mathcal{O}(1; \{24, 12, 8, 4, 2^9\})$	18432
24	$\mathcal{O}(1; \{24, 12, 8, 4, 3^3, 2^5\})$	92160
24	$\mathcal{O}(1; \{24, 12, 8, 4, 3^6, 2\})$	792576
24	$\mathcal{O}(1; \{24, 12, 8, 4^3, 2^6\})$	73728
24	$\mathcal{O}(1; \{24, 12, 8, 4^3, 3^3, 2^2\})$	368640
24	$\mathcal{O}(1; \{24, 12, 8, 4^5, 2^3\})$	294912
24	$\mathcal{O}(1; \{24, 12, 8, 4^7\})$	1179648
24	$\mathcal{O}(1; \{24, 12, 8, 6, 4, 3, 2^6\})$	55296
24	$\mathcal{O}(1; \{24, 12, 8, 6, 4, 3^4, 2^2\})$	387072
24	$\mathcal{O}(1; \{24, 12, 8, 6, 4^3, 3, 2^3\})$	221184
24	$\mathcal{O}(1; \{24, 12, 8, 6, 4^5, 3\})$	884736
24	$\mathcal{O}(1; \{24, 12, 8, 6^2, 4, 3^2, 2^3\})$	202752
24	$\mathcal{O}(1; \{24, 12, 8, 6^2, 4^3, 3^2\})$	811008
24	$\mathcal{O}(1; \{24, 12, 8, 6^3, 4, 2^4\})$	92160
24	$\mathcal{O}(1; \{24, 12, 8, 6^3, 4, 3^3\})$	792576
24	$\mathcal{O}(1; \{24, 12, 8, 6^3, 4^3, 2\})$	368640
24	$\mathcal{O}(1; \{24, 12, 8, 6^4, 4, 3, 2\})$	387072
24	$\mathcal{O}(1; \{24, 12, 8^3, 2^7\})$	147456
24	$\mathcal{O}(1; \{24, 12, 8^3, 3^3, 2^3\})$	737280
24	$\mathcal{O}(1; \{24, 12, 8^3, 4^2, 2^4\})$	589824
24	$\mathcal{O}(1; \{24, 12, 8^3, 4^2, 3^3\})$	2949120
24	$\mathcal{O}(1; \{24, 12, 8^3, 4^4, 2\})$	2359296
24	$\mathcal{O}(1; \{24, 12, 8^3, 6, 3, 2^4\})$	442368
24	$\mathcal{O}(1; \{24, 12, 8^3, 6, 3^4\})$	3096576
24	$\mathcal{O}(1; \{24, 12, 8^3, 6, 4^2, 3, 2\})$	1769472
24	$\mathcal{O}(1; \{24, 12, 8^3, 6^2, 3^2, 2\})$	1622016
24	$\mathcal{O}(1; \{24, 12, 8^3, 6^3, 2^2\})$	737280
24	$\mathcal{O}(1; \{24, 12, 8^5, 4, 2^2\})$	4718592
24	$\mathcal{O}(1; \{24, 12, 8^7\})$	37748736
24	$\mathcal{O}(1; \{24, 12^2, 8, 3^2, 2^6\})$	92160
24	$\mathcal{O}(1; \{24, 12^2, 8, 3^5, 2^2\})$	792576

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24, 12^2, 8, 4^2, 3^2, 2^3\})$	368640
24	$\mathcal{O}(1; \{24, 12^2, 8, 4^4, 3^2\})$	1474560
24	$\mathcal{O}(1; \{24, 12^2, 8, 6, 2^7\})$	55296
24	$\mathcal{O}(1; \{24, 12^2, 8, 6, 3^3, 2^3\})$	387072
24	$\mathcal{O}(1; \{24, 12^2, 8, 6, 4^2, 2^4\})$	221184
24	$\mathcal{O}(1; \{24, 12^2, 8, 6, 4^2, 3^3\})$	1548288
24	$\mathcal{O}(1; \{24, 12^2, 8, 6, 4^4, 2\})$	884736
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^2, 3, 2^4\})$	202752
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^2, 3^4\})$	1566720
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^2, 4^2, 3, 2\})$	811008
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^3, 3^2, 2\})$	792576
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^4, 2^2\})$	387072
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 4, 3^2, 2\})$	2949120
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 6, 4, 2^2\})$	1769472
24	$\mathcal{O}(1; \{24, 12^2, 8^5, 6\})$	14155776
24	$\mathcal{O}(1; \{24, 12^3, 8, 4, 3, 2^4\})$	368640
24	$\mathcal{O}(1; \{24, 12^3, 8, 4, 3^4\})$	3170304
24	$\mathcal{O}(1; \{24, 12^3, 8, 4^3, 3, 2\})$	1474560
24	$\mathcal{O}(1; \{24, 12^3, 8, 6, 4, 3^2, 2\})$	1548288
24	$\mathcal{O}(1; \{24, 12^3, 8, 6^2, 4, 2^2\})$	811008
24	$\mathcal{O}(1; \{24, 12^3, 8^3, 3, 2^2\})$	2949120
24	$\mathcal{O}(1; \{24, 12^3, 8^3, 6^2\})$	6488064
24	$\mathcal{O}(1; \{24, 12^4, 8, 2^5\})$	368640
24	$\mathcal{O}(1; \{24, 12^4, 8, 3^3, 2\})$	3170304
24	$\mathcal{O}(1; \{24, 12^4, 8, 4^2, 2^2\})$	1474560
24	$\mathcal{O}(1; \{24, 12^4, 8, 6, 3, 2^2\})$	1548288
24	$\mathcal{O}(1; \{24, 12^4, 8, 6^3\})$	3170304
24	$\mathcal{O}(1; \{24, 12^4, 8^3, 4\})$	11796480
24	$\mathcal{O}(1; \{24, 12^5, 8, 6, 4\})$	6193152
24	$\mathcal{O}(1; \{24, 12^6, 8, 3\})$	12681216
24	$\mathcal{O}(1; \{24^2, 4, 3^2, 2^8\})$	27648
24	$\mathcal{O}(1; \{24^2, 4, 3^5, 2^4\})$	193536
24	$\mathcal{O}(1; \{24^2, 4, 3^8\})$	1575936
24	$\mathcal{O}(1; \{24^2, 4^3, 3^2, 2^5\})$	110592
24	$\mathcal{O}(1; \{24^2, 4^3, 3^5, 2\})$	774144
24	$\mathcal{O}(1; \{24^2, 4^5, 3^2, 2^2\})$	442368
24	$\mathcal{O}(1; \{24^2, 6, 4, 2^9\})$	9216
24	$\mathcal{O}(1; \{24^2, 6, 4, 3^3, 2^5\})$	101376
24	$\mathcal{O}(1; \{24^2, 6, 4, 3^6, 2\})$	783360
24	$\mathcal{O}(1; \{24^2, 6, 4^3, 2^6\})$	36864
24	$\mathcal{O}(1; \{24^2, 6, 4^3, 3^3, 2^2\})$	405504
24	$\mathcal{O}(1; \{24^2, 6, 4^5, 2^3\})$	147456
24	$\mathcal{O}(1; \{24^2, 6, 4^7\})$	589824

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^2, 6^2, 4, 3, 2^6\})$	46080
24	$\mathcal{O}(1; \{24^2, 6^2, 4, 3^4, 2^2\})$	396288
24	$\mathcal{O}(1; \{24^2, 6^2, 4^3, 3, 2^3\})$	184320
24	$\mathcal{O}(1; \{24^2, 6^2, 4^5, 3\})$	737280
24	$\mathcal{O}(1; \{24^2, 6^3, 4, 3^2, 2^3\})$	193536
24	$\mathcal{O}(1; \{24^2, 6^3, 4^3, 3^2\})$	774144
24	$\mathcal{O}(1; \{24^2, 6^4, 4, 2^4\})$	101376
24	$\mathcal{O}(1; \{24^2, 6^4, 4, 3^3\})$	783360
24	$\mathcal{O}(1; \{24^2, 6^4, 4^3, 2\})$	405504
24	$\mathcal{O}(1; \{24^2, 6^5, 4, 3, 2\})$	396288
24	$\mathcal{O}(1; \{24^2, 8^2, 3^2, 2^6\})$	221184
24	$\mathcal{O}(1; \{24^2, 8^2, 3^5, 2^2\})$	1548288
24	$\mathcal{O}(1; \{24^2, 8^2, 4^2, 3^2, 2^3\})$	884736
24	$\mathcal{O}(1; \{24^2, 8^2, 4^4, 3^2\})$	3538944
24	$\mathcal{O}(1; \{24^2, 8^2, 6, 2^7\})$	73728
24	$\mathcal{O}(1; \{24^2, 8^2, 6, 3^3, 2^3\})$	811008
24	$\mathcal{O}(1; \{24^2, 8^2, 6, 4^2, 2^4\})$	294912
24	$\mathcal{O}(1; \{24^2, 8^2, 6, 4^2, 3^3\})$	3244032
24	$\mathcal{O}(1; \{24^2, 8^2, 6, 4^4, 2\})$	1179648
24	$\mathcal{O}(1; \{24^2, 8^2, 6^2, 3, 2^4\})$	368640
24	$\mathcal{O}(1; \{24^2, 8^2, 6^2, 3^4\})$	3170304
24	$\mathcal{O}(1; \{24^2, 8^2, 6^2, 4^2, 3, 2\})$	1474560
24	$\mathcal{O}(1; \{24^2, 8^2, 6^3, 3^2, 2\})$	1548288
24	$\mathcal{O}(1; \{24^2, 8^2, 6^4, 2^2\})$	811008
24	$\mathcal{O}(1; \{24^2, 8^4, 4, 3^2, 2\})$	7077888
24	$\mathcal{O}(1; \{24^2, 8^4, 6, 4, 2^2\})$	2359296
24	$\mathcal{O}(1; \{24^2, 8^6, 6\})$	18874368
24	$\mathcal{O}(1; \{24^2, 12, 3, 2^9\})$	27648
24	$\mathcal{O}(1; \{24^2, 12, 3^4, 2^5\})$	193536
24	$\mathcal{O}(1; \{24^2, 12, 3^7, 2\})$	1575936
24	$\mathcal{O}(1; \{24^2, 12, 4^2, 3, 2^6\})$	110592
24	$\mathcal{O}(1; \{24^2, 12, 4^2, 3^4, 2^2\})$	774144
24	$\mathcal{O}(1; \{24^2, 12, 4^4, 3, 2^3\})$	442368
24	$\mathcal{O}(1; \{24^2, 12, 4^6, 3\})$	1769472
24	$\mathcal{O}(1; \{24^2, 12, 6, 3^2, 2^6\})$	101376
24	$\mathcal{O}(1; \{24^2, 12, 6, 3^5, 2^2\})$	783360
24	$\mathcal{O}(1; \{24^2, 12, 6, 4^2, 3^2, 2^3\})$	405504
24	$\mathcal{O}(1; \{24^2, 12, 6, 4^4, 3^2\})$	1622016
24	$\mathcal{O}(1; \{24^2, 12, 6^2, 2^7\})$	46080
24	$\mathcal{O}(1; \{24^2, 12, 6^2, 3^3, 2^3\})$	396288
24	$\mathcal{O}(1; \{24^2, 12, 6^2, 4^2, 2^4\})$	184320
24	$\mathcal{O}(1; \{24^2, 12, 6^2, 4^2, 3^3\})$	1585152
24	$\mathcal{O}(1; \{24^2, 12, 6^2, 4^4, 2\})$	737280

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^2, 12, 6^3, 3, 2^4\})$	193536
24	$\mathcal{O}(1; \{24^2, 12, 6^3, 3^4\})$	1575936
24	$\mathcal{O}(1; \{24^2, 12, 6^3, 4^2, 3, 2\})$	774144
24	$\mathcal{O}(1; \{24^2, 12, 6^4, 3^2, 2\})$	783360
24	$\mathcal{O}(1; \{24^2, 12, 6^5, 2^2\})$	396288
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 4, 3, 2^4\})$	884736
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 4, 3^4\})$	6193152
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 4^3, 3, 2\})$	3538944
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6, 4, 3^2, 2\})$	3244032
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6^2, 4, 2^2\})$	1474560
24	$\mathcal{O}(1; \{24^2, 12, 8^4, 3, 2^2\})$	7077888
24	$\mathcal{O}(1; \{24^2, 12, 8^4, 6^2\})$	11796480
24	$\mathcal{O}(1; \{24^2, 12^2, 4, 2^7\})$	110592
24	$\mathcal{O}(1; \{24^2, 12^2, 4, 3^3, 2^3\})$	774144
24	$\mathcal{O}(1; \{24^2, 12^2, 4^3, 2^4\})$	442368
24	$\mathcal{O}(1; \{24^2, 12^2, 4^3, 3^3\})$	3096576
24	$\mathcal{O}(1; \{24^2, 12^2, 4^5, 2\})$	1769472
24	$\mathcal{O}(1; \{24^2, 12^2, 6, 4, 3, 2^4\})$	405504
24	$\mathcal{O}(1; \{24^2, 12^2, 6, 4, 3^4\})$	3133440
24	$\mathcal{O}(1; \{24^2, 12^2, 6, 4^3, 3, 2\})$	1622016
24	$\mathcal{O}(1; \{24^2, 12^2, 6^2, 4, 3^2, 2\})$	1585152
24	$\mathcal{O}(1; \{24^2, 12^2, 6^3, 4, 2^2\})$	774144
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 2^5\})$	884736
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 3^3, 2\})$	6193152
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 4^2, 2^2\})$	3538944
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 6, 3, 2^2\})$	3244032
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 6^3\})$	6193152
24	$\mathcal{O}(1; \{24^2, 12^2, 8^4, 4\})$	28311552
24	$\mathcal{O}(1; \{24^2, 12^3, 3^2, 2^4\})$	774144
24	$\mathcal{O}(1; \{24^2, 12^3, 3^5\})$	6303744
24	$\mathcal{O}(1; \{24^2, 12^3, 4^2, 3^2, 2\})$	3096576
24	$\mathcal{O}(1; \{24^2, 12^3, 6, 2^5\})$	405504
24	$\mathcal{O}(1; \{24^2, 12^3, 6, 3^3, 2\})$	3133440
24	$\mathcal{O}(1; \{24^2, 12^3, 6, 4^2, 2^2\})$	1622016
24	$\mathcal{O}(1; \{24^2, 12^3, 6^2, 3, 2^2\})$	1585152
24	$\mathcal{O}(1; \{24^2, 12^3, 6^4\})$	3133440
24	$\mathcal{O}(1; \{24^2, 12^3, 8^2, 6, 4\})$	12976128
24	$\mathcal{O}(1; \{24^2, 12^4, 4, 3, 2^2\})$	3096576
24	$\mathcal{O}(1; \{24^2, 12^4, 6^2, 4\})$	6340608
24	$\mathcal{O}(1; \{24^2, 12^4, 8^2, 3\})$	24772608
24	$\mathcal{O}(1; \{24^2, 12^5, 2^3\})$	3096576
24	$\mathcal{O}(1; \{24^2, 12^5, 4^2\})$	12386304
24	$\mathcal{O}(1; \{24^2, 12^5, 6, 3\})$	12533760

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^3, 8, 4, 2^7\})$	147456
24	$\mathcal{O}(1; \{24^3, 8, 4, 3^3, 2^3\})$	1622016
24	$\mathcal{O}(1; \{24^3, 8, 4^3, 2^4\})$	589824
24	$\mathcal{O}(1; \{24^3, 8, 4^3, 3^3\})$	6488064
24	$\mathcal{O}(1; \{24^3, 8, 4^5, 2\})$	2359296
24	$\mathcal{O}(1; \{24^3, 8, 6, 4, 3, 2^4\})$	737280
24	$\mathcal{O}(1; \{24^3, 8, 6, 4, 3^4\})$	6340608
24	$\mathcal{O}(1; \{24^3, 8, 6, 4^3, 3, 2\})$	2949120
24	$\mathcal{O}(1; \{24^3, 8, 6^2, 4, 3^2, 2\})$	3096576
24	$\mathcal{O}(1; \{24^3, 8, 6^3, 4, 2^2\})$	1622016
24	$\mathcal{O}(1; \{24^3, 8^3, 2^5\})$	1179648
24	$\mathcal{O}(1; \{24^3, 8^3, 3^3, 2\})$	12976128
24	$\mathcal{O}(1; \{24^3, 8^3, 4^2, 2^2\})$	4718592
24	$\mathcal{O}(1; \{24^3, 8^3, 6, 3, 2^2\})$	5898240
24	$\mathcal{O}(1; \{24^3, 8^3, 6^3\})$	12976128
24	$\mathcal{O}(1; \{24^3, 8^5, 4\})$	37748736
24	$\mathcal{O}(1; \{24^3, 12, 8, 3^2, 2^4\})$	1622016
24	$\mathcal{O}(1; \{24^3, 12, 8, 3^5\})$	12533760
24	$\mathcal{O}(1; \{24^3, 12, 8, 4^2, 3^2, 2\})$	6488064
24	$\mathcal{O}(1; \{24^3, 12, 8, 6, 2^5\})$	737280
24	$\mathcal{O}(1; \{24^3, 12, 8, 6, 3^3, 2\})$	6340608
24	$\mathcal{O}(1; \{24^3, 12, 8, 6, 4^2, 2^2\})$	2949120
24	$\mathcal{O}(1; \{24^3, 12, 8, 6^2, 3, 2^2\})$	3096576
24	$\mathcal{O}(1; \{24^3, 12, 8, 6^4\})$	6340608
24	$\mathcal{O}(1; \{24^3, 12, 8^3, 6, 4\})$	23592960
24	$\mathcal{O}(1; \{24^3, 12^2, 8, 4, 3, 2^2\})$	6488064
24	$\mathcal{O}(1; \{24^3, 12^2, 8, 6^2, 4\})$	12386304
24	$\mathcal{O}(1; \{24^3, 12^2, 8^3, 3\})$	51904512
24	$\mathcal{O}(1; \{24^3, 12^3, 8, 2^3\})$	6488064
24	$\mathcal{O}(1; \{24^3, 12^3, 8, 4^2\})$	25952256
24	$\mathcal{O}(1; \{24^3, 12^3, 8, 6, 3\})$	25362432
24	$\mathcal{O}(1; \{24^4, 3, 2^7\})$	368640
24	$\mathcal{O}(1; \{24^4, 3^4, 2^3\})$	3170304
24	$\mathcal{O}(1; \{24^4, 4^2, 3, 2^4\})$	1474560
24	$\mathcal{O}(1; \{24^4, 4^2, 3^4\})$	12681216
24	$\mathcal{O}(1; \{24^4, 4^4, 3, 2\})$	5898240
24	$\mathcal{O}(1; \{24^4, 6, 3^2, 2^4\})$	1548288
24	$\mathcal{O}(1; \{24^4, 6, 3^5\})$	12607488
24	$\mathcal{O}(1; \{24^4, 6, 4^2, 3^2, 2\})$	6193152
24	$\mathcal{O}(1; \{24^4, 6^2, 2^5\})$	811008
24	$\mathcal{O}(1; \{24^4, 6^2, 3^3, 2\})$	6266880
24	$\mathcal{O}(1; \{24^4, 6^2, 4^2, 2^2\})$	3244032
24	$\mathcal{O}(1; \{24^4, 6^3, 3, 2^2\})$	3170304

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^4, 6^5\})$	6266880
24	$\mathcal{O}(1; \{24^4, 8^2, 4, 3, 2^2\})$	11796480
24	$\mathcal{O}(1; \{24^4, 8^2, 6^2, 4\})$	25952256
24	$\mathcal{O}(1; \{24^4, 8^4, 3\})$	94371840
24	$\mathcal{O}(1; \{24^4, 12, 4, 2^5\})$	1474560
24	$\mathcal{O}(1; \{24^4, 12, 4, 3^3, 2\})$	12681216
24	$\mathcal{O}(1; \{24^4, 12, 4^3, 2^2\})$	5898240
24	$\mathcal{O}(1; \{24^4, 12, 6, 4, 3, 2^2\})$	6193152
24	$\mathcal{O}(1; \{24^4, 12, 6^3, 4\})$	12681216
24	$\mathcal{O}(1; \{24^4, 12, 8^2, 2^3\})$	11796480
24	$\mathcal{O}(1; \{24^4, 12, 8^2, 4^2\})$	47185920
24	$\mathcal{O}(1; \{24^4, 12, 8^2, 6, 3\})$	49545216
24	$\mathcal{O}(1; \{24^4, 12^2, 3^2, 2^2\})$	12681216
24	$\mathcal{O}(1; \{24^4, 12^2, 6, 2^3\})$	6193152
24	$\mathcal{O}(1; \{24^4, 12^2, 6, 4^2\})$	24772608
24	$\mathcal{O}(1; \{24^4, 12^2, 6^2, 3\})$	25067520
24	$\mathcal{O}(1; \{24^4, 12^3, 4, 3\})$	50724864
24	$\mathcal{O}(1; \{24^4, 12^4, 2\})$	50724864
24	$\mathcal{O}(1; \{24^5, 8, 3^2, 2^2\})$	24772608
24	$\mathcal{O}(1; \{24^5, 8, 6, 2^3\})$	12976128
24	$\mathcal{O}(1; \{24^5, 8, 6, 4^2\})$	51904512
24	$\mathcal{O}(1; \{24^5, 8, 6^2, 3\})$	50724864
24	$\mathcal{O}(1; \{24^5, 12, 8, 4, 3\})$	99090432
24	$\mathcal{O}(1; \{24^5, 12^2, 8, 2\})$	99090432
24	$\mathcal{O}(1; \{24^6, 4, 2^3\})$	25952256
24	$\mathcal{O}(1; \{24^6, 4^3\})$	103809024
24	$\mathcal{O}(1; \{24^6, 6, 4, 3\})$	101449728
24	$\mathcal{O}(1; \{24^6, 8^2, 2\})$	207618048
24	$\mathcal{O}(1; \{24^6, 12, 3^2\})$	200540160
24	$\mathcal{O}(1; \{24^6, 12, 6, 2\})$	101449728
24	$\mathcal{O}(0; \{8^2, 4, 3^3, 2^{11}\})$	16
24	$\mathcal{O}(0; \{8^2, 4, 3^6, 2^7\})$	176
24	$\mathcal{O}(0; \{8^2, 4, 3^9, 2^3\})$	1360
24	$\mathcal{O}(0; \{8^2, 4^3, 3^3, 2^8\})$	64
24	$\mathcal{O}(0; \{8^2, 4^3, 3^6, 2^4\})$	704
24	$\mathcal{O}(0; \{8^2, 4^3, 3^9\})$	5440
24	$\mathcal{O}(0; \{8^2, 4^5, 3^3, 2^5\})$	256
24	$\mathcal{O}(0; \{8^2, 4^5, 3^6, 2\})$	2816
24	$\mathcal{O}(0; \{8^2, 4^7, 3^3, 2^2\})$	1024
24	$\mathcal{O}(0; \{8^2, 6, 4, 3, 2^{12}\})$	16
24	$\mathcal{O}(0; \{8^2, 6, 4, 3^4, 2^8\})$	80
24	$\mathcal{O}(0; \{8^2, 6, 4, 3^7, 2^4\})$	688
24	$\mathcal{O}(0; \{8^2, 6, 4, 3^{10}\})$	5456

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{8^2, 6, 4^3, 3, 2^9\})$	64
24	$\mathcal{O}(0; \{8^2, 6, 4^3, 3^4, 2^5\})$	320
24	$\mathcal{O}(0; \{8^2, 6, 4^3, 3^7, 2\})$	2752
24	$\mathcal{O}(0; \{8^2, 6, 4^5, 3, 2^6\})$	256
24	$\mathcal{O}(0; \{8^2, 6, 4^5, 3^4, 2^2\})$	1280
24	$\mathcal{O}(0; \{8^2, 6, 4^7, 3, 2^3\})$	1024
24	$\mathcal{O}(0; \{8^2, 6, 4^9, 3\})$	4096
24	$\mathcal{O}(0; \{8^2, 6^2, 4, 3^2, 2^9\})$	48
24	$\mathcal{O}(0; \{8^2, 6^2, 4, 3^5, 2^5\})$	336
24	$\mathcal{O}(0; \{8^2, 6^2, 4, 3^8, 2\})$	2736
24	$\mathcal{O}(0; \{8^2, 6^2, 4^3, 3^2, 2^6\})$	192
24	$\mathcal{O}(0; \{8^2, 6^2, 4^3, 3^5, 2^2\})$	1344
24	$\mathcal{O}(0; \{8^2, 6^2, 4^5, 3^2, 2^3\})$	768
24	$\mathcal{O}(0; \{8^2, 6^2, 4^7, 3^2\})$	3072
24	$\mathcal{O}(0; \{8^2, 6^3, 4, 2^{10}\})$	16
24	$\mathcal{O}(0; \{8^2, 6^3, 4, 3^3, 2^6\})$	176
24	$\mathcal{O}(0; \{8^2, 6^3, 4, 3^6, 2^2\})$	1360
24	$\mathcal{O}(0; \{8^2, 6^3, 4^3, 2^7\})$	64
24	$\mathcal{O}(0; \{8^2, 6^3, 4^3, 3^3, 2^3\})$	704
24	$\mathcal{O}(0; \{8^2, 6^3, 4^5, 2^4\})$	256
24	$\mathcal{O}(0; \{8^2, 6^3, 4^5, 3^3\})$	2816
24	$\mathcal{O}(0; \{8^2, 6^3, 4^7, 2\})$	1024
24	$\mathcal{O}(0; \{8^2, 6^4, 4, 3, 2^7\})$	80
24	$\mathcal{O}(0; \{8^2, 6^4, 4, 3^4, 2^3\})$	688
24	$\mathcal{O}(0; \{8^2, 6^4, 4^3, 3, 2^4\})$	320
24	$\mathcal{O}(0; \{8^2, 6^4, 4^3, 3^4\})$	2752
24	$\mathcal{O}(0; \{8^2, 6^4, 4^5, 3, 2\})$	1280
24	$\mathcal{O}(0; \{8^2, 6^5, 4, 3^2, 2^4\})$	336
24	$\mathcal{O}(0; \{8^2, 6^5, 4, 3^5\})$	2736
24	$\mathcal{O}(0; \{8^2, 6^5, 4^3, 3^2, 2\})$	1344
24	$\mathcal{O}(0; \{8^2, 6^6, 4, 2^5\})$	176
24	$\mathcal{O}(0; \{8^2, 6^6, 4, 3^3, 2\})$	1360
24	$\mathcal{O}(0; \{8^2, 6^6, 4^3, 2^2\})$	704
24	$\mathcal{O}(0; \{8^2, 6^7, 4, 3, 2^2\})$	688
24	$\mathcal{O}(0; \{8^2, 6^9, 4\})$	1360
24	$\mathcal{O}(0; \{8^4, 3^3, 2^9\})$	128
24	$\mathcal{O}(0; \{8^4, 3^6, 2^5\})$	1408
24	$\mathcal{O}(0; \{8^4, 3^9, 2\})$	10880
24	$\mathcal{O}(0; \{8^4, 4^2, 3^3, 2^6\})$	512
24	$\mathcal{O}(0; \{8^4, 4^2, 3^6, 2^2\})$	5632
24	$\mathcal{O}(0; \{8^4, 4^4, 3^3, 2^3\})$	2048
24	$\mathcal{O}(0; \{8^4, 4^6, 3^3\})$	8192
24	$\mathcal{O}(0; \{8^4, 6, 3, 2^{10}\})$	128

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{8^4, 6, 3^4, 2^6\})$	640
24	$\mathcal{O}(0; \{8^4, 6, 3^7, 2^2\})$	5504
24	$\mathcal{O}(0; \{8^4, 6, 4^2, 3, 2^7\})$	512
24	$\mathcal{O}(0; \{8^4, 6, 4^2, 3^4, 2^3\})$	2560
24	$\mathcal{O}(0; \{8^4, 6, 4^4, 3, 2^4\})$	2048
24	$\mathcal{O}(0; \{8^4, 6, 4^4, 3^4\})$	10240
24	$\mathcal{O}(0; \{8^4, 6, 4^6, 3, 2\})$	8192
24	$\mathcal{O}(0; \{8^4, 6^2, 3^2, 2^7\})$	384
24	$\mathcal{O}(0; \{8^4, 6^2, 3^5, 2^3\})$	2688
24	$\mathcal{O}(0; \{8^4, 6^2, 4^2, 3^2, 2^4\})$	1536
24	$\mathcal{O}(0; \{8^4, 6^2, 4^2, 3^5\})$	10752
24	$\mathcal{O}(0; \{8^4, 6^2, 4^4, 3^2, 2\})$	6144
24	$\mathcal{O}(0; \{8^4, 6^3, 2^8\})$	128
24	$\mathcal{O}(0; \{8^4, 6^3, 3^3, 2^4\})$	1408
24	$\mathcal{O}(0; \{8^4, 6^3, 3^6\})$	10880
24	$\mathcal{O}(0; \{8^4, 6^3, 4^2, 2^5\})$	512
24	$\mathcal{O}(0; \{8^4, 6^3, 4^2, 3^3, 2\})$	5632
24	$\mathcal{O}(0; \{8^4, 6^3, 4^4, 2^2\})$	2048
24	$\mathcal{O}(0; \{8^4, 6^4, 3, 2^5\})$	640
24	$\mathcal{O}(0; \{8^4, 6^4, 3^4, 2\})$	5504
24	$\mathcal{O}(0; \{8^4, 6^4, 4^2, 3, 2^2\})$	2560
24	$\mathcal{O}(0; \{8^4, 6^5, 3^2, 2^2\})$	2688
24	$\mathcal{O}(0; \{8^4, 6^6, 2^3\})$	1408
24	$\mathcal{O}(0; \{8^4, 6^6, 4^2\})$	5632
24	$\mathcal{O}(0; \{8^4, 6^7, 3\})$	5504
24	$\mathcal{O}(0; \{8^6, 4, 3^3, 2^4\})$	4096
24	$\mathcal{O}(0; \{8^6, 4, 3^6\})$	45056
24	$\mathcal{O}(0; \{8^6, 4^3, 3^3, 2\})$	16384
24	$\mathcal{O}(0; \{8^6, 6, 4, 3, 2^5\})$	4096
24	$\mathcal{O}(0; \{8^6, 6, 4, 3^4, 2\})$	20480
24	$\mathcal{O}(0; \{8^6, 6, 4^3, 3, 2^2\})$	16384
24	$\mathcal{O}(0; \{8^6, 6^2, 4, 3^2, 2^2\})$	12288
24	$\mathcal{O}(0; \{8^6, 6^3, 4, 2^3\})$	4096
24	$\mathcal{O}(0; \{8^6, 6^3, 4^3\})$	16384
24	$\mathcal{O}(0; \{8^6, 6^4, 4, 3\})$	20480
24	$\mathcal{O}(0; \{8^8, 3^3, 2^2\})$	32768
24	$\mathcal{O}(0; \{8^8, 6, 3, 2^3\})$	32768
24	$\mathcal{O}(0; \{8^8, 6, 4^2, 3\})$	131072
24	$\mathcal{O}(0; \{8^8, 6^2, 3^2\})$	98304
24	$\mathcal{O}(0; \{8^8, 6^3, 2\})$	32768
24	$\mathcal{O}(0; \{12, 8^2, 3^2, 2^{12}\})$	16
24	$\mathcal{O}(0; \{12, 8^2, 3^5, 2^8\})$	176
24	$\mathcal{O}(0; \{12, 8^2, 3^8, 2^4\})$	1360

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12, 8^2, 3^{11}\})$	10928
24	$\mathcal{O}(0; \{12, 8^2, 4^2, 3^2, 2^9\})$	64
24	$\mathcal{O}(0; \{12, 8^2, 4^2, 3^5, 2^5\})$	704
24	$\mathcal{O}(0; \{12, 8^2, 4^2, 3^8, 2\})$	5440
24	$\mathcal{O}(0; \{12, 8^2, 4^4, 3^2, 2^6\})$	256
24	$\mathcal{O}(0; \{12, 8^2, 4^4, 3^5, 2^2\})$	2816
24	$\mathcal{O}(0; \{12, 8^2, 4^6, 3^2, 2^3\})$	1024
24	$\mathcal{O}(0; \{12, 8^2, 4^8, 3^2\})$	4096
24	$\mathcal{O}(0; \{12, 8^2, 6, 2^{13}\})$	16
24	$\mathcal{O}(0; \{12, 8^2, 6, 3^3, 2^9\})$	80
24	$\mathcal{O}(0; \{12, 8^2, 6, 3^6, 2^5\})$	688
24	$\mathcal{O}(0; \{12, 8^2, 6, 3^9, 2\})$	5456
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^2, 2^{10}\})$	64
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^2, 3^3, 2^6\})$	320
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^2, 3^6, 2^2\})$	2752
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^4, 2^7\})$	256
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^4, 3^3, 2^3\})$	1280
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^6, 2^4\})$	1024
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^6, 3^3\})$	5120
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^8, 2\})$	4096
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 3, 2^{10}\})$	48
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 3^4, 2^6\})$	336
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 3^7, 2^2\})$	2736
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^2, 3, 2^7\})$	192
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^2, 3^4, 2^3\})$	1344
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^4, 3, 2^4\})$	768
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^4, 3^4\})$	5376
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^6, 3, 2\})$	3072
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 3^2, 2^7\})$	176
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 3^5, 2^3\})$	1360
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4^2, 3^2, 2^4\})$	704
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4^2, 3^5\})$	5440
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4^4, 3^2, 2\})$	2816
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 2^8\})$	80
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 3^3, 2^4\})$	688
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 3^6\})$	5456
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 4^2, 2^5\})$	320
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 4^2, 3^3, 2\})$	2752
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 4^4, 2^2\})$	1280
24	$\mathcal{O}(0; \{12, 8^2, 6^5, 3, 2^5\})$	336
24	$\mathcal{O}(0; \{12, 8^2, 6^5, 3^4, 2\})$	2736
24	$\mathcal{O}(0; \{12, 8^2, 6^5, 4^2, 3, 2^2\})$	1344
24	$\mathcal{O}(0; \{12, 8^2, 6^6, 3^2, 2^2\})$	1360

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12, 8^2, 6^7, 2^3\})$	688
24	$\mathcal{O}(0; \{12, 8^2, 6^7, 4^2\})$	2752
24	$\mathcal{O}(0; \{12, 8^2, 6^8, 3\})$	2736
24	$\mathcal{O}(0; \{12, 8^4, 4, 3^2, 2^7\})$	512
24	$\mathcal{O}(0; \{12, 8^4, 4, 3^5, 2^3\})$	5632
24	$\mathcal{O}(0; \{12, 8^4, 4^3, 3^2, 2^4\})$	2048
24	$\mathcal{O}(0; \{12, 8^4, 4^3, 3^5\})$	22528
24	$\mathcal{O}(0; \{12, 8^4, 4^5, 3^2, 2\})$	8192
24	$\mathcal{O}(0; \{12, 8^4, 6, 4, 2^8\})$	512
24	$\mathcal{O}(0; \{12, 8^4, 6, 4, 3^3, 2^4\})$	2560
24	$\mathcal{O}(0; \{12, 8^4, 6, 4, 3^6\})$	22016
24	$\mathcal{O}(0; \{12, 8^4, 6, 4^3, 2^5\})$	2048
24	$\mathcal{O}(0; \{12, 8^4, 6, 4^3, 3^3, 2\})$	10240
24	$\mathcal{O}(0; \{12, 8^4, 6, 4^5, 2^2\})$	8192
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 4, 3, 2^5\})$	1536
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 4, 3^4, 2\})$	10752
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 4^3, 3, 2^2\})$	6144
24	$\mathcal{O}(0; \{12, 8^4, 6^3, 4, 3^2, 2^2\})$	5632
24	$\mathcal{O}(0; \{12, 8^4, 6^4, 4, 2^3\})$	2560
24	$\mathcal{O}(0; \{12, 8^4, 6^4, 4^3\})$	10240
24	$\mathcal{O}(0; \{12, 8^4, 6^5, 4, 3\})$	10752
24	$\mathcal{O}(0; \{12, 8^6, 3^2, 2^5\})$	4096
24	$\mathcal{O}(0; \{12, 8^6, 3^5, 2\})$	45056
24	$\mathcal{O}(0; \{12, 8^6, 4^2, 3^2, 2^2\})$	16384
24	$\mathcal{O}(0; \{12, 8^6, 6, 2^6\})$	4096
24	$\mathcal{O}(0; \{12, 8^6, 6, 3^3, 2^2\})$	20480
24	$\mathcal{O}(0; \{12, 8^6, 6, 4^2, 2^3\})$	16384
24	$\mathcal{O}(0; \{12, 8^6, 6, 4^4\})$	65536
24	$\mathcal{O}(0; \{12, 8^6, 6^2, 3, 2^3\})$	12288
24	$\mathcal{O}(0; \{12, 8^6, 6^2, 4^2, 3\})$	49152
24	$\mathcal{O}(0; \{12, 8^6, 6^3, 3^2\})$	45056
24	$\mathcal{O}(0; \{12, 8^6, 6^4, 2\})$	20480
24	$\mathcal{O}(0; \{12, 8^8, 4, 3^2\})$	131072
24	$\mathcal{O}(0; \{12, 8^8, 6, 4, 2\})$	131072
24	$\mathcal{O}(0; \{12^2, 8^2, 4, 3, 2^{10}\})$	64
24	$\mathcal{O}(0; \{12^2, 8^2, 4, 3^4, 2^6\})$	704
24	$\mathcal{O}(0; \{12^2, 8^2, 4, 3^7, 2^2\})$	5440
24	$\mathcal{O}(0; \{12^2, 8^2, 4^3, 3, 2^7\})$	256
24	$\mathcal{O}(0; \{12^2, 8^2, 4^3, 3^4, 2^3\})$	2816
24	$\mathcal{O}(0; \{12^2, 8^2, 4^5, 3, 2^4\})$	1024
24	$\mathcal{O}(0; \{12^2, 8^2, 4^5, 3^4\})$	11264
24	$\mathcal{O}(0; \{12^2, 8^2, 4^7, 3, 2\})$	4096
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4, 3^2, 2^7\})$	320

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4, 3^5, 2^3\})$	2752
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^3, 3^2, 2^4\})$	1280
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^3, 3^5\})$	11008
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^5, 3^2, 2\})$	5120
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4, 2^8\})$	192
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4, 3^3, 2^4\})$	1344
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4, 3^6\})$	10944
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4^3, 2^5\})$	768
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4^3, 3^3, 2\})$	5376
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4^5, 2^2\})$	3072
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 4, 3, 2^5\})$	704
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 4, 3^4, 2\})$	5440
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 4^3, 3, 2^2\})$	2816
24	$\mathcal{O}(0; \{12^2, 8^2, 6^4, 4, 3^2, 2^2\})$	2752
24	$\mathcal{O}(0; \{12^2, 8^2, 6^5, 4, 2^3\})$	1344
24	$\mathcal{O}(0; \{12^2, 8^2, 6^5, 4^3\})$	5376
24	$\mathcal{O}(0; \{12^2, 8^2, 6^6, 4, 3\})$	5440
24	$\mathcal{O}(0; \{12^2, 8^4, 3, 2^8\})$	512
24	$\mathcal{O}(0; \{12^2, 8^4, 3^4, 2^4\})$	5632
24	$\mathcal{O}(0; \{12^2, 8^4, 3^7\})$	43520
24	$\mathcal{O}(0; \{12^2, 8^4, 4^2, 3, 2^5\})$	2048
24	$\mathcal{O}(0; \{12^2, 8^4, 4^2, 3^4, 2\})$	22528
24	$\mathcal{O}(0; \{12^2, 8^4, 4^4, 3, 2^2\})$	8192
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 3^2, 2^5\})$	2560
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 3^5, 2\})$	22016
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 4^2, 3^2, 2^2\})$	10240
24	$\mathcal{O}(0; \{12^2, 8^4, 6^2, 2^6\})$	1536
24	$\mathcal{O}(0; \{12^2, 8^4, 6^2, 3^3, 2^2\})$	10752
24	$\mathcal{O}(0; \{12^2, 8^4, 6^2, 4^2, 2^3\})$	6144
24	$\mathcal{O}(0; \{12^2, 8^4, 6^2, 4^4\})$	24576
24	$\mathcal{O}(0; \{12^2, 8^4, 6^3, 3, 2^3\})$	5632
24	$\mathcal{O}(0; \{12^2, 8^4, 6^3, 4^2, 3\})$	22528
24	$\mathcal{O}(0; \{12^2, 8^4, 6^4, 3^2\})$	22016
24	$\mathcal{O}(0; \{12^2, 8^4, 6^5, 2\})$	10752
24	$\mathcal{O}(0; \{12^2, 8^6, 4, 3, 2^3\})$	16384
24	$\mathcal{O}(0; \{12^2, 8^6, 4^3, 3\})$	65536
24	$\mathcal{O}(0; \{12^2, 8^6, 6, 4, 3^2\})$	81920
24	$\mathcal{O}(0; \{12^2, 8^6, 6^2, 4, 2\})$	49152
24	$\mathcal{O}(0; \{12^2, 8^8, 3, 2\})$	131072
24	$\mathcal{O}(0; \{12^3, 8^2, 2^{11}\})$	64
24	$\mathcal{O}(0; \{12^3, 8^2, 3^3, 2^7\})$	704
24	$\mathcal{O}(0; \{12^3, 8^2, 3^6, 2^3\})$	5440
24	$\mathcal{O}(0; \{12^3, 8^2, 4^2, 2^8\})$	256

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12^3, 8^2, 4^2, 3^3, 2^4\})$	2816
24	$\mathcal{O}(0; \{12^3, 8^2, 4^2, 3^6\})$	21760
24	$\mathcal{O}(0; \{12^3, 8^2, 4^4, 2^5\})$	1024
24	$\mathcal{O}(0; \{12^3, 8^2, 4^4, 3^3, 2\})$	11264
24	$\mathcal{O}(0; \{12^3, 8^2, 4^6, 2^2\})$	4096
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 3, 2^8\})$	320
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 3^4, 2^4\})$	2752
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 3^7\})$	21824
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4^2, 3, 2^5\})$	1280
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4^2, 3^4, 2\})$	11008
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4^4, 3, 2^2\})$	5120
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 3^2, 2^5\})$	1344
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 3^5, 2\})$	10944
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 4^2, 3^2, 2^2\})$	5376
24	$\mathcal{O}(0; \{12^3, 8^2, 6^3, 2^6\})$	704
24	$\mathcal{O}(0; \{12^3, 8^2, 6^3, 3^3, 2^2\})$	5440
24	$\mathcal{O}(0; \{12^3, 8^2, 6^3, 4^2, 2^3\})$	2816
24	$\mathcal{O}(0; \{12^3, 8^2, 6^3, 4^4\})$	11264
24	$\mathcal{O}(0; \{12^3, 8^2, 6^4, 3, 2^3\})$	2752
24	$\mathcal{O}(0; \{12^3, 8^2, 6^4, 4^2, 3\})$	11008
24	$\mathcal{O}(0; \{12^3, 8^2, 6^5, 3^2\})$	10944
24	$\mathcal{O}(0; \{12^3, 8^2, 6^6, 2\})$	5440
24	$\mathcal{O}(0; \{12^3, 8^4, 4, 2^6\})$	2048
24	$\mathcal{O}(0; \{12^3, 8^4, 4, 3^3, 2^2\})$	22528
24	$\mathcal{O}(0; \{12^3, 8^4, 4^3, 2^3\})$	8192
24	$\mathcal{O}(0; \{12^3, 8^4, 4^5\})$	32768
24	$\mathcal{O}(0; \{12^3, 8^4, 6, 4, 3, 2^3\})$	10240
24	$\mathcal{O}(0; \{12^3, 8^4, 6, 4^3, 3\})$	40960
24	$\mathcal{O}(0; \{12^3, 8^4, 6^2, 4, 3^2\})$	43008
24	$\mathcal{O}(0; \{12^3, 8^4, 6^3, 4, 2\})$	22528
24	$\mathcal{O}(0; \{12^3, 8^6, 2^4\})$	16384
24	$\mathcal{O}(0; \{12^3, 8^6, 3^3\})$	180224
24	$\mathcal{O}(0; \{12^3, 8^6, 4^2, 2\})$	65536
24	$\mathcal{O}(0; \{12^3, 8^6, 6, 3, 2\})$	81920
24	$\mathcal{O}(0; \{12^4, 8^2, 4, 3^2, 2^5\})$	2816
24	$\mathcal{O}(0; \{12^4, 8^2, 4, 3^5, 2\})$	21760
24	$\mathcal{O}(0; \{12^4, 8^2, 4^3, 3^2, 2^2\})$	11264
24	$\mathcal{O}(0; \{12^4, 8^2, 6, 4, 2^6\})$	1280
24	$\mathcal{O}(0; \{12^4, 8^2, 6, 4, 3^3, 2^2\})$	11008
24	$\mathcal{O}(0; \{12^4, 8^2, 6, 4^3, 2^3\})$	5120
24	$\mathcal{O}(0; \{12^4, 8^2, 6, 4^5\})$	20480
24	$\mathcal{O}(0; \{12^4, 8^2, 6^2, 4, 3, 2^3\})$	5376
24	$\mathcal{O}(0; \{12^4, 8^2, 6^2, 4^3, 3\})$	21504

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12^4, 8^2, 6^3, 4, 3^2\})$	21760
24	$\mathcal{O}(0; \{12^4, 8^2, 6^4, 4, 2\})$	11008
24	$\mathcal{O}(0; \{12^4, 8^4, 3^2, 2^3\})$	22528
24	$\mathcal{O}(0; \{12^4, 8^4, 4^2, 3^2\})$	90112
24	$\mathcal{O}(0; \{12^4, 8^4, 6, 2^4\})$	10240
24	$\mathcal{O}(0; \{12^4, 8^4, 6, 3^3\})$	88064
24	$\mathcal{O}(0; \{12^4, 8^4, 6, 4^2, 2\})$	40960
24	$\mathcal{O}(0; \{12^4, 8^4, 6^2, 3, 2\})$	43008
24	$\mathcal{O}(0; \{12^5, 8^2, 3, 2^6\})$	2816
24	$\mathcal{O}(0; \{12^5, 8^2, 3^4, 2^2\})$	21760
24	$\mathcal{O}(0; \{12^5, 8^2, 4^2, 3, 2^3\})$	11264
24	$\mathcal{O}(0; \{12^5, 8^2, 4^4, 3\})$	45056
24	$\mathcal{O}(0; \{12^5, 8^2, 6, 3^2, 2^3\})$	11008
24	$\mathcal{O}(0; \{12^5, 8^2, 6, 4^2, 3^2\})$	44032
24	$\mathcal{O}(0; \{12^5, 8^2, 6^2, 2^4\})$	5376
24	$\mathcal{O}(0; \{12^5, 8^2, 6^2, 3^3\})$	43776
24	$\mathcal{O}(0; \{12^5, 8^2, 6^2, 4^2, 2\})$	21504
24	$\mathcal{O}(0; \{12^5, 8^2, 6^3, 3, 2\})$	21760
24	$\mathcal{O}(0; \{12^5, 8^4, 4, 3, 2\})$	90112
24	$\mathcal{O}(0; \{12^6, 8^2, 4, 2^4\})$	11264
24	$\mathcal{O}(0; \{12^6, 8^2, 4, 3^3\})$	87040
24	$\mathcal{O}(0; \{12^6, 8^2, 4^3, 2\})$	45056
24	$\mathcal{O}(0; \{12^6, 8^2, 6, 4, 3, 2\})$	44032
24	$\mathcal{O}(0; \{12^6, 8^4, 2^2\})$	90112
24	$\mathcal{O}(0; \{12^7, 8^2, 3^2, 2\})$	87040
24	$\mathcal{O}(0; \{12^7, 8^2, 6, 2^2\})$	44032
24	$\mathcal{O}(0; \{12^9, 8^2\})$	348160
24	$\mathcal{O}(0; \{24, 8, 3, 2^{15}\})$	8
24	$\mathcal{O}(0; \{24, 8, 3^4, 2^{11}\})$	40
24	$\mathcal{O}(0; \{24, 8, 3^7, 2^7\})$	344
24	$\mathcal{O}(0; \{24, 8, 3^{10}, 2^3\})$	2728
24	$\mathcal{O}(0; \{24, 8, 4^2, 3, 2^{12}\})$	32
24	$\mathcal{O}(0; \{24, 8, 4^2, 3^4, 2^8\})$	160
24	$\mathcal{O}(0; \{24, 8, 4^2, 3^7, 2^4\})$	1376
24	$\mathcal{O}(0; \{24, 8, 4^2, 3^{10}\})$	10912
24	$\mathcal{O}(0; \{24, 8, 4^4, 3, 2^9\})$	128
24	$\mathcal{O}(0; \{24, 8, 4^4, 3^4, 2^5\})$	640
24	$\mathcal{O}(0; \{24, 8, 4^4, 3^7, 2\})$	5504
24	$\mathcal{O}(0; \{24, 8, 4^6, 3, 2^6\})$	512
24	$\mathcal{O}(0; \{24, 8, 4^6, 3^4, 2^2\})$	2560
24	$\mathcal{O}(0; \{24, 8, 4^8, 3, 2^3\})$	2048
24	$\mathcal{O}(0; \{24, 8, 4^{10}, 3\})$	8192
24	$\mathcal{O}(0; \{24, 8, 6, 3^2, 2^{12}\})$	24

Continued on next page

Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 8, 6, 3^5, 2^8\})$	168
24	$\mathcal{O}(0; \{24, 8, 6, 3^8, 2^4\})$	1368
24	$\mathcal{O}(0; \{24, 8, 6, 3^{11}\})$	10920
24	$\mathcal{O}(0; \{24, 8, 6, 4^2, 3^2, 2^9\})$	96
24	$\mathcal{O}(0; \{24, 8, 6, 4^2, 3^5, 2^5\})$	672
24	$\mathcal{O}(0; \{24, 8, 6, 4^2, 3^8, 2\})$	5472
24	$\mathcal{O}(0; \{24, 8, 6, 4^4, 3^2, 2^6\})$	384
24	$\mathcal{O}(0; \{24, 8, 6, 4^4, 3^5, 2^2\})$	2688
24	$\mathcal{O}(0; \{24, 8, 6, 4^6, 3^2, 2^3\})$	1536
24	$\mathcal{O}(0; \{24, 8, 6, 4^8, 3^2\})$	6144
24	$\mathcal{O}(0; \{24, 8, 6^2, 2^{13}\})$	8
24	$\mathcal{O}(0; \{24, 8, 6^2, 3^3, 2^9\})$	88
24	$\mathcal{O}(0; \{24, 8, 6^2, 3^6, 2^5\})$	680
24	$\mathcal{O}(0; \{24, 8, 6^2, 3^9, 2\})$	5464
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^2, 2^{10}\})$	32
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^2, 3^3, 2^6\})$	352
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^2, 3^6, 2^2\})$	2720
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^4, 2^7\})$	128
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^4, 3^3, 2^3\})$	1408
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^6, 2^4\})$	512
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^6, 3^3\})$	5632
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^8, 2\})$	2048
24	$\mathcal{O}(0; \{24, 8, 6^3, 3, 2^{10}\})$	40
24	$\mathcal{O}(0; \{24, 8, 6^3, 3^4, 2^6\})$	344
24	$\mathcal{O}(0; \{24, 8, 6^3, 3^7, 2^2\})$	2728
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^2, 3, 2^7\})$	160
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^2, 3^4, 2^3\})$	1376
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^4, 3, 2^4\})$	640
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^4, 3^4\})$	5504
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^6, 3, 2\})$	2560
24	$\mathcal{O}(0; \{24, 8, 6^4, 3^2, 2^7\})$	168
24	$\mathcal{O}(0; \{24, 8, 6^4, 3^5, 2^3\})$	1368
24	$\mathcal{O}(0; \{24, 8, 6^4, 4^2, 3^2, 2^4\})$	672
24	$\mathcal{O}(0; \{24, 8, 6^4, 4^2, 3^5\})$	5472
24	$\mathcal{O}(0; \{24, 8, 6^4, 4^4, 3^2, 2\})$	2688
24	$\mathcal{O}(0; \{24, 8, 6^5, 2^8\})$	88
24	$\mathcal{O}(0; \{24, 8, 6^5, 3^3, 2^4\})$	680
24	$\mathcal{O}(0; \{24, 8, 6^5, 3^6\})$	5464
24	$\mathcal{O}(0; \{24, 8, 6^5, 4^2, 2^5\})$	352
24	$\mathcal{O}(0; \{24, 8, 6^5, 4^2, 3^3, 2\})$	2720
24	$\mathcal{O}(0; \{24, 8, 6^5, 4^4, 2^2\})$	1408
24	$\mathcal{O}(0; \{24, 8, 6^6, 3, 2^5\})$	344
24	$\mathcal{O}(0; \{24, 8, 6^6, 3^4, 2\})$	2728

Continued on next page

Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 8, 6^6, 4^2, 3, 2^2\})$	1376
24	$\mathcal{O}(0; \{24, 8, 6^7, 3^2, 2^2\})$	1368
24	$\mathcal{O}(0; \{24, 8, 6^8, 2^3\})$	680
24	$\mathcal{O}(0; \{24, 8, 6^8, 4^2\})$	2720
24	$\mathcal{O}(0; \{24, 8, 6^9, 3\})$	2728
24	$\mathcal{O}(0; \{24, 8^3, 4, 3, 2^{10}\})$	256
24	$\mathcal{O}(0; \{24, 8^3, 4, 3^4, 2^6\})$	1280
24	$\mathcal{O}(0; \{24, 8^3, 4, 3^7, 2^2\})$	11008
24	$\mathcal{O}(0; \{24, 8^3, 4^3, 3, 2^7\})$	1024
24	$\mathcal{O}(0; \{24, 8^3, 4^3, 3^4, 2^3\})$	5120
24	$\mathcal{O}(0; \{24, 8^3, 4^5, 3, 2^4\})$	4096
24	$\mathcal{O}(0; \{24, 8^3, 4^5, 3^4\})$	20480
24	$\mathcal{O}(0; \{24, 8^3, 4^7, 3, 2\})$	16384
24	$\mathcal{O}(0; \{24, 8^3, 6, 4, 3^2, 2^7\})$	768
24	$\mathcal{O}(0; \{24, 8^3, 6, 4, 3^5, 2^3\})$	5376
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^3, 3^2, 2^4\})$	3072
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^3, 3^5\})$	21504
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^5, 3^2, 2\})$	12288
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4, 2^8\})$	256
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4, 3^3, 2^4\})$	2816
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4, 3^6\})$	21760
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4^3, 2^5\})$	1024
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4^3, 3^3, 2\})$	11264
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4^5, 2^2\})$	4096
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 4, 3, 2^5\})$	1280
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 4, 3^4, 2\})$	11008
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 4^3, 3, 2^2\})$	5120
24	$\mathcal{O}(0; \{24, 8^3, 6^4, 4, 3^2, 2^2\})$	5376
24	$\mathcal{O}(0; \{24, 8^3, 6^5, 4, 2^3\})$	2816
24	$\mathcal{O}(0; \{24, 8^3, 6^5, 4^3\})$	11264
24	$\mathcal{O}(0; \{24, 8^3, 6^6, 4, 3\})$	11008
24	$\mathcal{O}(0; \{24, 8^5, 3, 2^8\})$	2048
24	$\mathcal{O}(0; \{24, 8^5, 3^4, 2^4\})$	10240
24	$\mathcal{O}(0; \{24, 8^5, 3^7\})$	88064
24	$\mathcal{O}(0; \{24, 8^5, 4^2, 3, 2^5\})$	8192
24	$\mathcal{O}(0; \{24, 8^5, 4^2, 3^4, 2\})$	40960
24	$\mathcal{O}(0; \{24, 8^5, 4^4, 3, 2^2\})$	32768
24	$\mathcal{O}(0; \{24, 8^5, 6, 3^2, 2^5\})$	6144
24	$\mathcal{O}(0; \{24, 8^5, 6, 3^5, 2\})$	43008
24	$\mathcal{O}(0; \{24, 8^5, 6, 4^2, 3^2, 2^2\})$	24576
24	$\mathcal{O}(0; \{24, 8^5, 6^2, 2^6\})$	2048
24	$\mathcal{O}(0; \{24, 8^5, 6^2, 3^3, 2^2\})$	22528
24	$\mathcal{O}(0; \{24, 8^5, 6^2, 4^2, 2^3\})$	8192

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 8^5, 6^2, 4^4\})$	32768
24	$\mathcal{O}(0; \{24, 8^5, 6^3, 3, 2^3\})$	10240
24	$\mathcal{O}(0; \{24, 8^5, 6^3, 4^2, 3\})$	40960
24	$\mathcal{O}(0; \{24, 8^5, 6^4, 3^2\})$	43008
24	$\mathcal{O}(0; \{24, 8^5, 6^5, 2\})$	22528
24	$\mathcal{O}(0; \{24, 8^7, 4, 3, 2^3\})$	65536
24	$\mathcal{O}(0; \{24, 8^7, 4^3, 3\})$	262144
24	$\mathcal{O}(0; \{24, 8^7, 6, 4, 3^2\})$	196608
24	$\mathcal{O}(0; \{24, 8^7, 6^2, 4, 2\})$	65536
24	$\mathcal{O}(0; \{24, 8^9, 3, 2\})$	524288
24	$\mathcal{O}(0; \{24, 12, 8, 4, 2^{13}\})$	32
24	$\mathcal{O}(0; \{24, 12, 8, 4, 3^3, 2^9\})$	160
24	$\mathcal{O}(0; \{24, 12, 8, 4, 3^6, 2^5\})$	1376
24	$\mathcal{O}(0; \{24, 12, 8, 4, 3^9, 2\})$	10912
24	$\mathcal{O}(0; \{24, 12, 8, 4^3, 2^{10}\})$	128
24	$\mathcal{O}(0; \{24, 12, 8, 4^3, 3^3, 2^6\})$	640
24	$\mathcal{O}(0; \{24, 12, 8, 4^3, 3^6, 2^2\})$	5504
24	$\mathcal{O}(0; \{24, 12, 8, 4^5, 2^7\})$	512
24	$\mathcal{O}(0; \{24, 12, 8, 4^5, 3^3, 2^3\})$	2560
24	$\mathcal{O}(0; \{24, 12, 8, 4^7, 2^4\})$	2048
24	$\mathcal{O}(0; \{24, 12, 8, 4^7, 3^3\})$	10240
24	$\mathcal{O}(0; \{24, 12, 8, 4^9, 2\})$	8192
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4, 3, 2^{10}\})$	96
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4, 3^4, 2^6\})$	672
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4, 3^7, 2^2\})$	5472
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^3, 3, 2^7\})$	384
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^3, 3^4, 2^3\})$	2688
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^5, 3, 2^4\})$	1536
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^5, 3^4\})$	10752
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^7, 3, 2\})$	6144
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4, 3^2, 2^7\})$	352
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4, 3^5, 2^3\})$	2720
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^3, 3^2, 2^4\})$	1408
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^3, 3^5\})$	10880
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^5, 3^2, 2\})$	5632
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4, 2^8\})$	160
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4, 3^3, 2^4\})$	1376
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4, 3^6\})$	10912
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4^3, 2^5\})$	640
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4^3, 3^3, 2\})$	5504
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4^5, 2^2\})$	2560
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 4, 3, 2^5\})$	672
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 4, 3^4, 2\})$	5472

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 4^3, 3, 2^2\})$	2688
24	$\mathcal{O}(0; \{24, 12, 8, 6^5, 4, 3^2, 2^2\})$	2720
24	$\mathcal{O}(0; \{24, 12, 8, 6^6, 4, 2^3\})$	1376
24	$\mathcal{O}(0; \{24, 12, 8, 6^6, 4^3\})$	5504
24	$\mathcal{O}(0; \{24, 12, 8, 6^7, 4, 3\})$	5472
24	$\mathcal{O}(0; \{24, 12, 8^3, 2^{11}\})$	256
24	$\mathcal{O}(0; \{24, 12, 8^3, 3^3, 2^7\})$	1280
24	$\mathcal{O}(0; \{24, 12, 8^3, 3^6, 2^3\})$	11008
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^2, 2^8\})$	1024
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^2, 3^3, 2^4\})$	5120
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^2, 3^6\})$	44032
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^4, 2^5\})$	4096
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^4, 3^3, 2\})$	20480
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^6, 2^2\})$	16384
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 3, 2^8\})$	768
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 3^4, 2^4\})$	5376
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 3^7\})$	43776
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4^2, 3, 2^5\})$	3072
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4^2, 3^4, 2\})$	21504
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4^4, 3, 2^2\})$	12288
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 3^2, 2^5\})$	2816
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 3^5, 2\})$	21760
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 4^2, 3^2, 2^2\})$	11264
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^3, 2^6\})$	1280
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^3, 3^3, 2^2\})$	11008
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^3, 4^2, 2^3\})$	5120
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^3, 4^4\})$	20480
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^4, 3, 2^3\})$	5376
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^4, 4^2, 3\})$	21504
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^5, 3^2\})$	21760
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^6, 2\})$	11008
24	$\mathcal{O}(0; \{24, 12, 8^5, 4, 2^6\})$	8192
24	$\mathcal{O}(0; \{24, 12, 8^5, 4, 3^3, 2^2\})$	40960
24	$\mathcal{O}(0; \{24, 12, 8^5, 4^3, 2^3\})$	32768
24	$\mathcal{O}(0; \{24, 12, 8^5, 4^5\})$	131072
24	$\mathcal{O}(0; \{24, 12, 8^5, 6, 4, 3, 2^3\})$	24576
24	$\mathcal{O}(0; \{24, 12, 8^5, 6, 4^3, 3\})$	98304
24	$\mathcal{O}(0; \{24, 12, 8^5, 6^2, 4, 3^2\})$	90112
24	$\mathcal{O}(0; \{24, 12, 8^5, 6^3, 4, 2\})$	40960
24	$\mathcal{O}(0; \{24, 12, 8^7, 2^4\})$	65536
24	$\mathcal{O}(0; \{24, 12, 8^7, 3^3\})$	327680
24	$\mathcal{O}(0; \{24, 12, 8^7, 4^2, 2\})$	262144
24	$\mathcal{O}(0; \{24, 12, 8^7, 6, 3, 2\})$	196608

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12^2, 8, 3^2, 2^{10}\})$	160
24	$\mathcal{O}(0; \{24, 12^2, 8, 3^5, 2^6\})$	1376
24	$\mathcal{O}(0; \{24, 12^2, 8, 3^8, 2^2\})$	10912
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^2, 3^2, 2^7\})$	640
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^2, 3^5, 2^3\})$	5504
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^4, 3^2, 2^4\})$	2560
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^4, 3^5\})$	22016
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^6, 3^2, 2\})$	10240
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 2^{11}\})$	96
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 3^3, 2^7\})$	672
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 3^6, 2^3\})$	5472
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^2, 2^8\})$	384
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^2, 3^3, 2^4\})$	2688
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^2, 3^6\})$	21888
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^4, 2^5\})$	1536
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^4, 3^3, 2\})$	10752
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^6, 2^2\})$	6144
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 3, 2^8\})$	352
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 3^4, 2^4\})$	2720
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 3^7\})$	21856
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4^2, 3, 2^5\})$	1408
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4^2, 3^4, 2\})$	10880
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4^4, 3, 2^2\})$	5632
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 3^2, 2^5\})$	1376
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 3^5, 2\})$	10912
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 4^2, 3^2, 2^2\})$	5504
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^4, 2^6\})$	672
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^4, 3^3, 2^2\})$	5472
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^4, 4^2, 2^3\})$	2688
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^4, 4^4\})$	10752
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^5, 3, 2^3\})$	2720
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^5, 4^2, 3\})$	10880
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^6, 3^2\})$	10912
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^7, 2\})$	5472
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4, 3^2, 2^5\})$	5120
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4, 3^5, 2\})$	44032
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4^3, 3^2, 2^2\})$	20480
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6, 4, 2^6\})$	3072
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6, 4, 3^3, 2^2\})$	21504
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6, 4^3, 2^3\})$	12288
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6, 4^5\})$	49152
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^2, 4, 3, 2^3\})$	11264
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^2, 4^3, 3\})$	45056

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^3, 4, 3^2\})$	44032
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^4, 4, 2\})$	21504
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 3^2, 2^3\})$	40960
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 4^2, 3^2\})$	163840
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 6, 2^4\})$	24576
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 6, 3^3\})$	172032
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 6, 4^2, 2\})$	98304
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 6^2, 3, 2\})$	90112
24	$\mathcal{O}(0; \{24, 12^3, 8, 4, 3, 2^8\})$	640
24	$\mathcal{O}(0; \{24, 12^3, 8, 4, 3^4, 2^4\})$	5504
24	$\mathcal{O}(0; \{24, 12^3, 8, 4, 3^7\})$	43648
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^3, 3, 2^5\})$	2560
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^3, 3^4, 2\})$	22016
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^5, 3, 2^2\})$	10240
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4, 3^2, 2^5\})$	2688
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4, 3^5, 2\})$	21888
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4^3, 3^2, 2^2\})$	10752
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^2, 4, 2^6\})$	1408
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^2, 4, 3^3, 2^2\})$	10880
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^2, 4^3, 2^3\})$	5632
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^2, 4^5\})$	22528
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^3, 4, 3, 2^3\})$	5504
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^3, 4^3, 3\})$	22016
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^4, 4, 3^2\})$	21888
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^5, 4, 2\})$	10880
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 3, 2^6\})$	5120
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 3^4, 2^2\})$	44032
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 4^2, 3, 2^3\})$	20480
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 4^4, 3\})$	81920
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6, 3^2, 2^3\})$	21504
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6, 4^2, 3^2\})$	86016
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6^2, 2^4\})$	11264
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6^2, 3^3\})$	87040
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6^2, 4^2, 2\})$	45056
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6^3, 3, 2\})$	44032
24	$\mathcal{O}(0; \{24, 12^3, 8^5, 4, 3, 2\})$	163840
24	$\mathcal{O}(0; \{24, 12^4, 8, 2^9\})$	640
24	$\mathcal{O}(0; \{24, 12^4, 8, 3^3, 2^5\})$	5504
24	$\mathcal{O}(0; \{24, 12^4, 8, 3^6, 2\})$	43648
24	$\mathcal{O}(0; \{24, 12^4, 8, 4^2, 2^6\})$	2560
24	$\mathcal{O}(0; \{24, 12^4, 8, 4^2, 3^3, 2^2\})$	22016
24	$\mathcal{O}(0; \{24, 12^4, 8, 4^4, 2^3\})$	10240
24	$\mathcal{O}(0; \{24, 12^4, 8, 4^6\})$	40960

Continued on next page

Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12^4, 8, 6, 3, 2^6\})$	2688
24	$\mathcal{O}(0; \{24, 12^4, 8, 6, 3^4, 2^2\})$	21888
24	$\mathcal{O}(0; \{24, 12^4, 8, 6, 4^2, 3, 2^3\})$	10752
24	$\mathcal{O}(0; \{24, 12^4, 8, 6, 4^4, 3\})$	43008
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^2, 3^2, 2^3\})$	10880
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^2, 4^2, 3^2\})$	43520
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^3, 2^4\})$	5504
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^3, 3^3\})$	43648
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^3, 4^2, 2\})$	22016
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^4, 3, 2\})$	21888
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 4, 2^4\})$	20480
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 4, 3^3\})$	176128
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 4^3, 2\})$	81920
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 6, 4, 3, 2\})$	86016
24	$\mathcal{O}(0; \{24, 12^4, 8^5, 2^2\})$	163840
24	$\mathcal{O}(0; \{24, 12^5, 8, 4, 3^2, 2^3\})$	22016
24	$\mathcal{O}(0; \{24, 12^5, 8, 4^3, 3^2\})$	88064
24	$\mathcal{O}(0; \{24, 12^5, 8, 6, 4, 2^4\})$	10752
24	$\mathcal{O}(0; \{24, 12^5, 8, 6, 4, 3^3\})$	87552
24	$\mathcal{O}(0; \{24, 12^5, 8, 6, 4^3, 2\})$	43008
24	$\mathcal{O}(0; \{24, 12^5, 8, 6^2, 4, 3, 2\})$	43520
24	$\mathcal{O}(0; \{24, 12^5, 8^3, 3^2, 2\})$	176128
24	$\mathcal{O}(0; \{24, 12^5, 8^3, 6, 2^2\})$	86016
24	$\mathcal{O}(0; \{24, 12^6, 8, 3, 2^4\})$	22016
24	$\mathcal{O}(0; \{24, 12^6, 8, 3^4\})$	174592
24	$\mathcal{O}(0; \{24, 12^6, 8, 4^2, 3, 2\})$	88064
24	$\mathcal{O}(0; \{24, 12^6, 8, 6, 3^2, 2\})$	87552
24	$\mathcal{O}(0; \{24, 12^6, 8, 6^2, 2^2\})$	43520
24	$\mathcal{O}(0; \{24, 12^7, 8, 4, 2^2\})$	88064
24	$\mathcal{O}(0; \{24, 12^7, 8^3\})$	704512
24	$\mathcal{O}(0; \{24, 12^8, 8, 6\})$	350208
24	$\mathcal{O}(0; \{24^2, 4, 3^2, 2^{12}\})$	48
24	$\mathcal{O}(0; \{24^2, 4, 3^5, 2^8\})$	336
24	$\mathcal{O}(0; \{24^2, 4, 3^8, 2^4\})$	2736
24	$\mathcal{O}(0; \{24^2, 4, 3^{11}\})$	21840
24	$\mathcal{O}(0; \{24^2, 4^3, 3^2, 2^9\})$	192
24	$\mathcal{O}(0; \{24^2, 4^3, 3^5, 2^5\})$	1344
24	$\mathcal{O}(0; \{24^2, 4^3, 3^8, 2\})$	10944
24	$\mathcal{O}(0; \{24^2, 4^5, 3^2, 2^6\})$	768
24	$\mathcal{O}(0; \{24^2, 4^5, 3^5, 2^2\})$	5376
24	$\mathcal{O}(0; \{24^2, 4^7, 3^2, 2^3\})$	3072
24	$\mathcal{O}(0; \{24^2, 4^9, 3^2\})$	12288
24	$\mathcal{O}(0; \{24^2, 6, 4, 2^{13}\})$	16

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 6, 4, 3^3, 2^9\})$	176
24	$\mathcal{O}(0; \{24^2, 6, 4, 3^6, 2^5\})$	1360
24	$\mathcal{O}(0; \{24^2, 6, 4, 3^9, 2\})$	10928
24	$\mathcal{O}(0; \{24^2, 6, 4^3, 2^{10}\})$	64
24	$\mathcal{O}(0; \{24^2, 6, 4^3, 3^3, 2^6\})$	704
24	$\mathcal{O}(0; \{24^2, 6, 4^3, 3^6, 2^2\})$	5440
24	$\mathcal{O}(0; \{24^2, 6, 4^5, 2^7\})$	256
24	$\mathcal{O}(0; \{24^2, 6, 4^5, 3^3, 2^3\})$	2816
24	$\mathcal{O}(0; \{24^2, 6, 4^7, 2^4\})$	1024
24	$\mathcal{O}(0; \{24^2, 6, 4^7, 3^3\})$	11264
24	$\mathcal{O}(0; \{24^2, 6, 4^9, 2\})$	4096
24	$\mathcal{O}(0; \{24^2, 6^2, 4, 3, 2^{10}\})$	80
24	$\mathcal{O}(0; \{24^2, 6^2, 4, 3^4, 2^6\})$	688
24	$\mathcal{O}(0; \{24^2, 6^2, 4, 3^7, 2^2\})$	5456
24	$\mathcal{O}(0; \{24^2, 6^2, 4^3, 3, 2^7\})$	320
24	$\mathcal{O}(0; \{24^2, 6^2, 4^3, 3^4, 2^3\})$	2752
24	$\mathcal{O}(0; \{24^2, 6^2, 4^5, 3, 2^4\})$	1280
24	$\mathcal{O}(0; \{24^2, 6^2, 4^5, 3^4\})$	11008
24	$\mathcal{O}(0; \{24^2, 6^2, 4^7, 3, 2\})$	5120
24	$\mathcal{O}(0; \{24^2, 6^3, 4, 3^2, 2^7\})$	336
24	$\mathcal{O}(0; \{24^2, 6^3, 4, 3^5, 2^3\})$	2736
24	$\mathcal{O}(0; \{24^2, 6^3, 4^3, 3^2, 2^4\})$	1344
24	$\mathcal{O}(0; \{24^2, 6^3, 4^3, 3^5\})$	10944
24	$\mathcal{O}(0; \{24^2, 6^3, 4^5, 3^2, 2\})$	5376
24	$\mathcal{O}(0; \{24^2, 6^4, 4, 2^8\})$	176
24	$\mathcal{O}(0; \{24^2, 6^4, 4, 3^3, 2^4\})$	1360
24	$\mathcal{O}(0; \{24^2, 6^4, 4, 3^6\})$	10928
24	$\mathcal{O}(0; \{24^2, 6^4, 4^3, 2^5\})$	704
24	$\mathcal{O}(0; \{24^2, 6^4, 4^3, 3^3, 2\})$	5440
24	$\mathcal{O}(0; \{24^2, 6^4, 4^5, 2^2\})$	2816
24	$\mathcal{O}(0; \{24^2, 6^5, 4, 3, 2^5\})$	688
24	$\mathcal{O}(0; \{24^2, 6^5, 4, 3^4, 2\})$	5456
24	$\mathcal{O}(0; \{24^2, 6^5, 4^3, 3, 2^2\})$	2752
24	$\mathcal{O}(0; \{24^2, 6^6, 4, 3^2, 2^2\})$	2736
24	$\mathcal{O}(0; \{24^2, 6^7, 4, 2^3\})$	1360
24	$\mathcal{O}(0; \{24^2, 6^7, 4^3\})$	5440
24	$\mathcal{O}(0; \{24^2, 6^8, 4, 3\})$	5456
24	$\mathcal{O}(0; \{24^2, 8^2, 3^2, 2^{10}\})$	384
24	$\mathcal{O}(0; \{24^2, 8^2, 3^5, 2^6\})$	2688
24	$\mathcal{O}(0; \{24^2, 8^2, 3^8, 2^2\})$	21888
24	$\mathcal{O}(0; \{24^2, 8^2, 4^2, 3^2, 2^7\})$	1536
24	$\mathcal{O}(0; \{24^2, 8^2, 4^2, 3^5, 2^3\})$	10752
24	$\mathcal{O}(0; \{24^2, 8^2, 4^4, 3^2, 2^4\})$	6144

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 8^2, 4^4, 3^5\})$	43008
24	$\mathcal{O}(0; \{24^2, 8^2, 4^6, 3^2, 2\})$	24576
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 2^{11}\})$	128
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 3^3, 2^7\})$	1408
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 3^6, 2^3\})$	10880
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^2, 2^8\})$	512
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^2, 3^3, 2^4\})$	5632
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^2, 3^6\})$	43520
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^4, 2^5\})$	2048
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^4, 3^3, 2\})$	22528
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^6, 2^2\})$	8192
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 3, 2^8\})$	640
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 3^4, 2^4\})$	5504
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 3^7\})$	43648
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4^2, 3, 2^5\})$	2560
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4^2, 3^4, 2\})$	22016
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4^4, 3, 2^2\})$	10240
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 3^2, 2^5\})$	2688
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 3^5, 2\})$	21888
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 4^2, 3^2, 2^2\})$	10752
24	$\mathcal{O}(0; \{24^2, 8^2, 6^4, 2^6\})$	1408
24	$\mathcal{O}(0; \{24^2, 8^2, 6^4, 3^3, 2^2\})$	10880
24	$\mathcal{O}(0; \{24^2, 8^2, 6^4, 4^2, 2^3\})$	5632
24	$\mathcal{O}(0; \{24^2, 8^2, 6^4, 4^4\})$	22528
24	$\mathcal{O}(0; \{24^2, 8^2, 6^5, 3, 2^3\})$	5504
24	$\mathcal{O}(0; \{24^2, 8^2, 6^5, 4^2, 3\})$	22016
24	$\mathcal{O}(0; \{24^2, 8^2, 6^6, 3^2\})$	21888
24	$\mathcal{O}(0; \{24^2, 8^2, 6^7, 2\})$	10880
24	$\mathcal{O}(0; \{24^2, 8^4, 4, 3^2, 2^5\})$	12288
24	$\mathcal{O}(0; \{24^2, 8^4, 4, 3^5, 2\})$	86016
24	$\mathcal{O}(0; \{24^2, 8^4, 4^3, 3^2, 2^2\})$	49152
24	$\mathcal{O}(0; \{24^2, 8^4, 6, 4, 2^6\})$	4096
24	$\mathcal{O}(0; \{24^2, 8^4, 6, 4, 3^3, 2^2\})$	45056
24	$\mathcal{O}(0; \{24^2, 8^4, 6, 4^3, 2^3\})$	16384
24	$\mathcal{O}(0; \{24^2, 8^4, 6, 4^5\})$	65536
24	$\mathcal{O}(0; \{24^2, 8^4, 6^2, 4, 3, 2^3\})$	20480
24	$\mathcal{O}(0; \{24^2, 8^4, 6^2, 4^3, 3\})$	81920
24	$\mathcal{O}(0; \{24^2, 8^4, 6^3, 4, 3^2\})$	86016
24	$\mathcal{O}(0; \{24^2, 8^4, 6^4, 4, 2\})$	45056
24	$\mathcal{O}(0; \{24^2, 8^6, 3^2, 2^3\})$	98304
24	$\mathcal{O}(0; \{24^2, 8^6, 4^2, 3^2\})$	393216
24	$\mathcal{O}(0; \{24^2, 8^6, 6, 2^4\})$	32768
24	$\mathcal{O}(0; \{24^2, 8^6, 6, 3^3\})$	360448

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 8^6, 6, 4^2, 2\})$	131072
24	$\mathcal{O}(0; \{24^2, 8^6, 6^2, 3, 2\})$	163840
24	$\mathcal{O}(0; \{24^2, 12, 3, 2^{13}\})$	48
24	$\mathcal{O}(0; \{24^2, 12, 3^4, 2^9\})$	336
24	$\mathcal{O}(0; \{24^2, 12, 3^7, 2^5\})$	2736
24	$\mathcal{O}(0; \{24^2, 12, 3^{10}, 2\})$	21840
24	$\mathcal{O}(0; \{24^2, 12, 4^2, 3, 2^{10}\})$	192
24	$\mathcal{O}(0; \{24^2, 12, 4^2, 3^4, 2^6\})$	1344
24	$\mathcal{O}(0; \{24^2, 12, 4^2, 3^7, 2^2\})$	10944
24	$\mathcal{O}(0; \{24^2, 12, 4^4, 3, 2^7\})$	768
24	$\mathcal{O}(0; \{24^2, 12, 4^4, 3^4, 2^3\})$	5376
24	$\mathcal{O}(0; \{24^2, 12, 4^6, 3, 2^4\})$	3072
24	$\mathcal{O}(0; \{24^2, 12, 4^6, 3^4\})$	21504
24	$\mathcal{O}(0; \{24^2, 12, 4^8, 3, 2\})$	12288
24	$\mathcal{O}(0; \{24^2, 12, 6, 3^2, 2^{10}\})$	176
24	$\mathcal{O}(0; \{24^2, 12, 6, 3^5, 2^6\})$	1360
24	$\mathcal{O}(0; \{24^2, 12, 6, 3^8, 2^2\})$	10928
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^2, 3^2, 2^7\})$	704
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^2, 3^5, 2^3\})$	5440
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^4, 3^2, 2^4\})$	2816
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^4, 3^5\})$	21760
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^6, 3^2, 2\})$	11264
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 2^{11}\})$	80
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 3^3, 2^7\})$	688
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 3^6, 2^3\})$	5456
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^2, 2^8\})$	320
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^2, 3^3, 2^4\})$	2752
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^2, 3^6\})$	21824
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^4, 2^5\})$	1280
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^4, 3^3, 2\})$	11008
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^6, 2^2\})$	5120
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 3, 2^8\})$	336
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 3^4, 2^4\})$	2736
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 3^7\})$	21840
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4^2, 3, 2^5\})$	1344
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4^2, 3^4, 2\})$	10944
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4^4, 3, 2^2\})$	5376
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 3^2, 2^5\})$	1360
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 3^5, 2\})$	10928
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 4^2, 3^2, 2^2\})$	5440
24	$\mathcal{O}(0; \{24^2, 12, 6^5, 2^6\})$	688
24	$\mathcal{O}(0; \{24^2, 12, 6^5, 3^3, 2^2\})$	5456
24	$\mathcal{O}(0; \{24^2, 12, 6^5, 4^2, 2^3\})$	2752

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12, 6^5, 4^4\})$	11008
24	$\mathcal{O}(0; \{24^2, 12, 6^6, 3, 2^3\})$	2736
24	$\mathcal{O}(0; \{24^2, 12, 6^6, 4^2, 3\})$	10944
24	$\mathcal{O}(0; \{24^2, 12, 6^7, 3^2\})$	10928
24	$\mathcal{O}(0; \{24^2, 12, 6^8, 2\})$	5456
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4, 3, 2^8\})$	1536
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4, 3^4, 2^4\})$	10752
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4, 3^7\})$	87552
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^3, 3, 2^5\})$	6144
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^3, 3^4, 2\})$	43008
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^5, 3, 2^2\})$	24576
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4, 3^2, 2^5\})$	5632
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4, 3^5, 2\})$	43520
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4^3, 3^2, 2^2\})$	22528
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^2, 4, 2^6\})$	2560
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^2, 4, 3^3, 2^2\})$	22016
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^2, 4^3, 2^3\})$	10240
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^2, 4^5\})$	40960
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^3, 4, 3, 2^3\})$	10752
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^3, 4^3, 3\})$	43008
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^4, 4, 3^2\})$	43520
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^5, 4, 2\})$	22016
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 3, 2^6\})$	12288
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 3^4, 2^2\})$	86016
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 4^2, 3, 2^3\})$	49152
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 4^4, 3\})$	196608
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6, 3^2, 2^3\})$	45056
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6, 4^2, 3^2\})$	180224
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6^2, 2^4\})$	20480
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6^2, 3^3\})$	176128
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6^2, 4^2, 2\})$	81920
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6^3, 3, 2\})$	86016
24	$\mathcal{O}(0; \{24^2, 12, 8^6, 4, 3, 2\})$	393216
24	$\mathcal{O}(0; \{24^2, 12^2, 4, 2^{11}\})$	192
24	$\mathcal{O}(0; \{24^2, 12^2, 4, 3^3, 2^7\})$	1344
24	$\mathcal{O}(0; \{24^2, 12^2, 4, 3^6, 2^3\})$	10944
24	$\mathcal{O}(0; \{24^2, 12^2, 4^3, 2^8\})$	768
24	$\mathcal{O}(0; \{24^2, 12^2, 4^3, 3^3, 2^4\})$	5376
24	$\mathcal{O}(0; \{24^2, 12^2, 4^3, 3^6\})$	43776
24	$\mathcal{O}(0; \{24^2, 12^2, 4^5, 2^5\})$	3072
24	$\mathcal{O}(0; \{24^2, 12^2, 4^5, 3^3, 2\})$	21504
24	$\mathcal{O}(0; \{24^2, 12^2, 4^7, 2^2\})$	12288
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4, 3, 2^8\})$	704

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4, 3^4, 2^4\})$	5440
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4, 3^7\})$	43712
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^3, 3, 2^5\})$	2816
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^3, 3^4, 2\})$	21760
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^5, 3, 2^2\})$	11264
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4, 3^2, 2^5\})$	2752
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4, 3^5, 2\})$	21824
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4^3, 3^2, 2^2\})$	11008
24	$\mathcal{O}(0; \{24^2, 12^2, 6^3, 4, 2^6\})$	1344
24	$\mathcal{O}(0; \{24^2, 12^2, 6^3, 4, 3^3, 2^2\})$	10944
24	$\mathcal{O}(0; \{24^2, 12^2, 6^3, 4^3, 2^3\})$	5376
24	$\mathcal{O}(0; \{24^2, 12^2, 6^3, 4^5\})$	21504
24	$\mathcal{O}(0; \{24^2, 12^2, 6^4, 4, 3, 2^3\})$	5440
24	$\mathcal{O}(0; \{24^2, 12^2, 6^4, 4^3, 3\})$	21760
24	$\mathcal{O}(0; \{24^2, 12^2, 6^5, 4, 3^2\})$	21824
24	$\mathcal{O}(0; \{24^2, 12^2, 6^6, 4, 2\})$	10944
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 2^9\})$	1536
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 3^3, 2^5\})$	10752
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 3^6, 2\})$	87552
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 4^2, 2^6\})$	6144
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 4^2, 3^3, 2^2\})$	43008
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 4^4, 2^3\})$	24576
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 4^6\})$	98304
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6, 3, 2^6\})$	5632
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6, 3^4, 2^2\})$	43520
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6, 4^2, 3, 2^3\})$	22528
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6, 4^4, 3\})$	90112
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^2, 3^2, 2^3\})$	22016
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^2, 4^2, 3^2\})$	88064
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^3, 2^4\})$	10752
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^3, 3^3\})$	87552
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^3, 4^2, 2\})$	43008
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^4, 3, 2\})$	43520
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 4, 2^4\})$	49152
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 4, 3^3\})$	344064
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 4^3, 2\})$	196608
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 6, 4, 3, 2\})$	180224
24	$\mathcal{O}(0; \{24^2, 12^2, 8^6, 2^2\})$	393216
24	$\mathcal{O}(0; \{24^2, 12^3, 3^2, 2^8\})$	1344
24	$\mathcal{O}(0; \{24^2, 12^3, 3^5, 2^4\})$	10944
24	$\mathcal{O}(0; \{24^2, 12^3, 3^8\})$	87360
24	$\mathcal{O}(0; \{24^2, 12^3, 4^2, 3^2, 2^5\})$	5376
24	$\mathcal{O}(0; \{24^2, 12^3, 4^2, 3^5, 2\})$	43776

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12^3, 4^4, 3^2, 2^2\})$	21504
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 2^9\})$	704
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 3^3, 2^5\})$	5440
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 3^6, 2\})$	43712
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 4^2, 2^6\})$	2816
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 4^2, 3^3, 2^2\})$	21760
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 4^4, 2^3\})$	11264
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 4^6\})$	45056
24	$\mathcal{O}(0; \{24^2, 12^3, 6^2, 3, 2^6\})$	2752
24	$\mathcal{O}(0; \{24^2, 12^3, 6^2, 3^4, 2^2\})$	21824
24	$\mathcal{O}(0; \{24^2, 12^3, 6^2, 4^2, 3, 2^3\})$	11008
24	$\mathcal{O}(0; \{24^2, 12^3, 6^2, 4^4, 3\})$	44032
24	$\mathcal{O}(0; \{24^2, 12^3, 6^3, 3^2, 2^3\})$	10944
24	$\mathcal{O}(0; \{24^2, 12^3, 6^3, 4^2, 3^2\})$	43776
24	$\mathcal{O}(0; \{24^2, 12^3, 6^4, 2^4\})$	5440
24	$\mathcal{O}(0; \{24^2, 12^3, 6^4, 3^3\})$	43712
24	$\mathcal{O}(0; \{24^2, 12^3, 6^4, 4^2, 2\})$	21760
24	$\mathcal{O}(0; \{24^2, 12^3, 6^5, 3, 2\})$	21824
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 4, 3^2, 2^3\})$	43008
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 4^3, 3^2\})$	172032
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6, 4, 2^4\})$	22528
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6, 4, 3^3\})$	174080
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6, 4^3, 2\})$	90112
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6^2, 4, 3, 2\})$	88064
24	$\mathcal{O}(0; \{24^2, 12^3, 8^4, 3^2, 2\})$	344064
24	$\mathcal{O}(0; \{24^2, 12^3, 8^4, 6, 2^2\})$	180224
24	$\mathcal{O}(0; \{24^2, 12^4, 4, 3, 2^6\})$	5376
24	$\mathcal{O}(0; \{24^2, 12^4, 4, 3^4, 2^2\})$	43776
24	$\mathcal{O}(0; \{24^2, 12^4, 4^3, 3, 2^3\})$	21504
24	$\mathcal{O}(0; \{24^2, 12^4, 4^5, 3\})$	86016
24	$\mathcal{O}(0; \{24^2, 12^4, 6, 4, 3^2, 2^3\})$	21760
24	$\mathcal{O}(0; \{24^2, 12^4, 6, 4^3, 3^2\})$	87040
24	$\mathcal{O}(0; \{24^2, 12^4, 6^2, 4, 2^4\})$	11008
24	$\mathcal{O}(0; \{24^2, 12^4, 6^2, 4, 3^3\})$	87296
24	$\mathcal{O}(0; \{24^2, 12^4, 6^2, 4^3, 2\})$	44032
24	$\mathcal{O}(0; \{24^2, 12^4, 6^3, 4, 3, 2\})$	43776
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 3, 2^4\})$	43008
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 3^4\})$	350208
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 4^2, 3, 2\})$	172032
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 6, 3^2, 2\})$	174080
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 6^2, 2^2\})$	88064
24	$\mathcal{O}(0; \{24^2, 12^5, 2^7\})$	5376
24	$\mathcal{O}(0; \{24^2, 12^5, 3^3, 2^3\})$	43776

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12^5, 4^2, 2^4\})$	21504
24	$\mathcal{O}(0; \{24^2, 12^5, 4^2, 3^3\})$	175104
24	$\mathcal{O}(0; \{24^2, 12^5, 4^4, 2\})$	86016
24	$\mathcal{O}(0; \{24^2, 12^5, 6, 3, 2^4\})$	21760
24	$\mathcal{O}(0; \{24^2, 12^5, 6, 3^4\})$	174848
24	$\mathcal{O}(0; \{24^2, 12^5, 6, 4^2, 3, 2\})$	87040
24	$\mathcal{O}(0; \{24^2, 12^5, 6^2, 3^2, 2\})$	87296
24	$\mathcal{O}(0; \{24^2, 12^5, 6^3, 2^2\})$	43776
24	$\mathcal{O}(0; \{24^2, 12^5, 8^2, 4, 2^2\})$	172032
24	$\mathcal{O}(0; \{24^2, 12^5, 8^4\})$	1376256
24	$\mathcal{O}(0; \{24^2, 12^6, 4, 3^2, 2\})$	175104
24	$\mathcal{O}(0; \{24^2, 12^6, 6, 4, 2^2\})$	87040
24	$\mathcal{O}(0; \{24^2, 12^6, 8^2, 6\})$	696320
24	$\mathcal{O}(0; \{24^2, 12^7, 3, 2^2\})$	175104
24	$\mathcal{O}(0; \{24^2, 12^7, 6^2\})$	349184
24	$\mathcal{O}(0; \{24^2, 12^8, 4\})$	700416
24	$\mathcal{O}(0; \{24^3, 8, 4, 2^{11}\})$	256
24	$\mathcal{O}(0; \{24^3, 8, 4, 3^3, 2^7\})$	2816
24	$\mathcal{O}(0; \{24^3, 8, 4, 3^6, 2^3\})$	21760
24	$\mathcal{O}(0; \{24^3, 8, 4^3, 2^8\})$	1024
24	$\mathcal{O}(0; \{24^3, 8, 4^3, 3^3, 2^4\})$	11264
24	$\mathcal{O}(0; \{24^3, 8, 4^3, 3^6\})$	87040
24	$\mathcal{O}(0; \{24^3, 8, 4^5, 2^5\})$	4096
24	$\mathcal{O}(0; \{24^3, 8, 4^5, 3^3, 2\})$	45056
24	$\mathcal{O}(0; \{24^3, 8, 4^7, 2^2\})$	16384
24	$\mathcal{O}(0; \{24^3, 8, 6, 4, 3, 2^8\})$	1280
24	$\mathcal{O}(0; \{24^3, 8, 6, 4, 3^4, 2^4\})$	11008
24	$\mathcal{O}(0; \{24^3, 8, 6, 4, 3^7\})$	87296
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^3, 3, 2^5\})$	5120
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^3, 3^4, 2\})$	44032
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^5, 3, 2^2\})$	20480
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4, 3^2, 2^5\})$	5376
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4, 3^5, 2\})$	43776
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4^3, 3^2, 2^2\})$	21504
24	$\mathcal{O}(0; \{24^3, 8, 6^3, 4, 2^6\})$	2816
24	$\mathcal{O}(0; \{24^3, 8, 6^3, 4, 3^3, 2^2\})$	21760
24	$\mathcal{O}(0; \{24^3, 8, 6^3, 4^3, 2^3\})$	11264
24	$\mathcal{O}(0; \{24^3, 8, 6^3, 4^5\})$	45056
24	$\mathcal{O}(0; \{24^3, 8, 6^4, 4, 3, 2^3\})$	11008
24	$\mathcal{O}(0; \{24^3, 8, 6^4, 4^3, 3\})$	44032
24	$\mathcal{O}(0; \{24^3, 8, 6^5, 4, 3^2\})$	43776
24	$\mathcal{O}(0; \{24^3, 8, 6^6, 4, 2\})$	21760
24	$\mathcal{O}(0; \{24^3, 8^3, 2^9\})$	2048

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^3, 8^3, 3^3, 2^5\})$	22528
24	$\mathcal{O}(0; \{24^3, 8^3, 3^6, 2\})$	174080
24	$\mathcal{O}(0; \{24^3, 8^3, 4^2, 2^6\})$	8192
24	$\mathcal{O}(0; \{24^3, 8^3, 4^2, 3^3, 2^2\})$	90112
24	$\mathcal{O}(0; \{24^3, 8^3, 4^4, 2^3\})$	32768
24	$\mathcal{O}(0; \{24^3, 8^3, 4^6\})$	131072
24	$\mathcal{O}(0; \{24^3, 8^3, 6, 3, 2^6\})$	10240
24	$\mathcal{O}(0; \{24^3, 8^3, 6, 3^4, 2^2\})$	88064
24	$\mathcal{O}(0; \{24^3, 8^3, 6, 4^2, 3, 2^3\})$	40960
24	$\mathcal{O}(0; \{24^3, 8^3, 6, 4^4, 3\})$	163840
24	$\mathcal{O}(0; \{24^3, 8^3, 6^2, 3^2, 2^3\})$	43008
24	$\mathcal{O}(0; \{24^3, 8^3, 6^2, 4^2, 3^2\})$	172032
24	$\mathcal{O}(0; \{24^3, 8^3, 6^3, 2^4\})$	22528
24	$\mathcal{O}(0; \{24^3, 8^3, 6^3, 3^3\})$	174080
24	$\mathcal{O}(0; \{24^3, 8^3, 6^3, 4^2, 2\})$	90112
24	$\mathcal{O}(0; \{24^3, 8^3, 6^4, 3, 2\})$	88064
24	$\mathcal{O}(0; \{24^3, 8^5, 4, 2^4\})$	65536
24	$\mathcal{O}(0; \{24^3, 8^5, 4, 3^3\})$	720896
24	$\mathcal{O}(0; \{24^3, 8^5, 4^3, 2\})$	262144
24	$\mathcal{O}(0; \{24^3, 8^5, 6, 4, 3, 2\})$	327680
24	$\mathcal{O}(0; \{24^3, 8^7, 2^2\})$	524288
24	$\mathcal{O}(0; \{24^3, 12, 8, 3^2, 2^8\})$	2816
24	$\mathcal{O}(0; \{24^3, 12, 8, 3^5, 2^4\})$	21760
24	$\mathcal{O}(0; \{24^3, 12, 8, 3^8\})$	174848
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^2, 3^2, 2^5\})$	11264
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^2, 3^5, 2\})$	87040
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^4, 3^2, 2^2\})$	45056
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 2^9\})$	1280
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 3^3, 2^5\})$	11008
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 3^6, 2\})$	87296
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 4^2, 2^6\})$	5120
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 4^2, 3^3, 2^2\})$	44032
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 4^4, 2^3\})$	20480
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 4^6\})$	81920
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^2, 3, 2^6\})$	5376
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^2, 3^4, 2^2\})$	43776
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^2, 4^2, 3, 2^3\})$	21504
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^2, 4^4, 3\})$	86016
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^3, 3^2, 2^3\})$	21760
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^3, 4^2, 3^2\})$	87040
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^4, 2^4\})$	11008
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^4, 3^3\})$	87296
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^4, 4^2, 2\})$	44032

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^5, 3, 2\})$	43776
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 4, 3^2, 2^3\})$	90112
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 4^3, 3^2\})$	360448
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6, 4, 2^4\})$	40960
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6, 4, 3^3\})$	352256
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6, 4^3, 2\})$	163840
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6^2, 4, 3, 2\})$	172032
24	$\mathcal{O}(0; \{24^3, 12, 8^5, 3^2, 2\})$	720896
24	$\mathcal{O}(0; \{24^3, 12, 8^5, 6, 2^2\})$	327680
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 4, 3, 2^6\})$	11264
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 4, 3^4, 2^2\})$	87040
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 4^3, 3, 2^3\})$	45056
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 4^5, 3\})$	180224
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6, 4, 3^2, 2^3\})$	44032
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6, 4^3, 3^2\})$	176128
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^2, 4, 2^4\})$	21504
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^2, 4, 3^3\})$	175104
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^2, 4^3, 2\})$	86016
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^3, 4, 3, 2\})$	87040
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 3, 2^4\})$	90112
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 3^4\})$	696320
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 4^2, 3, 2\})$	360448
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 6, 3^2, 2\})$	352256
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 6^2, 2^2\})$	172032
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 2^7\})$	11264
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 3^3, 2^3\})$	87040
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 4^2, 2^4\})$	45056
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 4^2, 3^3\})$	348160
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 4^4, 2\})$	180224
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6, 3, 2^4\})$	44032
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6, 3^4\})$	349184
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6, 4^2, 3, 2\})$	176128
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6^2, 3^2, 2\})$	175104
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6^3, 2^2\})$	87040
24	$\mathcal{O}(0; \{24^3, 12^3, 8^3, 4, 2^2\})$	360448
24	$\mathcal{O}(0; \{24^3, 12^3, 8^5\})$	2883584
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 4, 3^2, 2\})$	348160
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 6, 4, 2^2\})$	176128
24	$\mathcal{O}(0; \{24^3, 12^4, 8^3, 6\})$	1409024
24	$\mathcal{O}(0; \{24^3, 12^5, 8, 3, 2^2\})$	348160
24	$\mathcal{O}(0; \{24^3, 12^5, 8, 6^2\})$	700416
24	$\mathcal{O}(0; \{24^3, 12^6, 8, 4\})$	1392640
24	$\mathcal{O}(0; \{24^4, 3, 2^{11}\})$	640

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^4, 3^4, 2^7\})$	5504
24	$\mathcal{O}(0; \{24^4, 3^7, 2^3\})$	43648
24	$\mathcal{O}(0; \{24^4, 4^2, 3, 2^8\})$	2560
24	$\mathcal{O}(0; \{24^4, 4^2, 3^4, 2^4\})$	22016
24	$\mathcal{O}(0; \{24^4, 4^2, 3^7\})$	174592
24	$\mathcal{O}(0; \{24^4, 4^4, 3, 2^5\})$	10240
24	$\mathcal{O}(0; \{24^4, 4^4, 3^4, 2\})$	88064
24	$\mathcal{O}(0; \{24^4, 4^6, 3, 2^2\})$	40960
24	$\mathcal{O}(0; \{24^4, 6, 3^2, 2^8\})$	2688
24	$\mathcal{O}(0; \{24^4, 6, 3^5, 2^4\})$	21888
24	$\mathcal{O}(0; \{24^4, 6, 3^8\})$	174720
24	$\mathcal{O}(0; \{24^4, 6, 4^2, 3^2, 2^5\})$	10752
24	$\mathcal{O}(0; \{24^4, 6, 4^2, 3^5, 2\})$	87552
24	$\mathcal{O}(0; \{24^4, 6, 4^4, 3^2, 2^2\})$	43008
24	$\mathcal{O}(0; \{24^4, 6^2, 2^9\})$	1408
24	$\mathcal{O}(0; \{24^4, 6^2, 3^3, 2^5\})$	10880
24	$\mathcal{O}(0; \{24^4, 6^2, 3^6, 2\})$	87424
24	$\mathcal{O}(0; \{24^4, 6^2, 4^2, 2^6\})$	5632
24	$\mathcal{O}(0; \{24^4, 6^2, 4^2, 3^3, 2^2\})$	43520
24	$\mathcal{O}(0; \{24^4, 6^2, 4^4, 2^3\})$	22528
24	$\mathcal{O}(0; \{24^4, 6^2, 4^6\})$	90112
24	$\mathcal{O}(0; \{24^4, 6^3, 3, 2^6\})$	5504
24	$\mathcal{O}(0; \{24^4, 6^3, 3^4, 2^2\})$	43648
24	$\mathcal{O}(0; \{24^4, 6^3, 4^2, 3, 2^3\})$	22016
24	$\mathcal{O}(0; \{24^4, 6^3, 4^4, 3\})$	88064
24	$\mathcal{O}(0; \{24^4, 6^4, 3^2, 2^3\})$	21888
24	$\mathcal{O}(0; \{24^4, 6^4, 4^2, 3^2\})$	87552
24	$\mathcal{O}(0; \{24^4, 6^5, 2^4\})$	10880
24	$\mathcal{O}(0; \{24^4, 6^5, 3^3\})$	87424
24	$\mathcal{O}(0; \{24^4, 6^5, 4^2, 2\})$	43520
24	$\mathcal{O}(0; \{24^4, 6^6, 3, 2\})$	43648
24	$\mathcal{O}(0; \{24^4, 8^2, 4, 3, 2^6\})$	20480
24	$\mathcal{O}(0; \{24^4, 8^2, 4, 3^4, 2^2\})$	176128
24	$\mathcal{O}(0; \{24^4, 8^2, 4^3, 3, 2^3\})$	81920
24	$\mathcal{O}(0; \{24^4, 8^2, 4^5, 3\})$	327680
24	$\mathcal{O}(0; \{24^4, 8^2, 6, 4, 3^2, 2^3\})$	86016
24	$\mathcal{O}(0; \{24^4, 8^2, 6, 4^3, 3^2\})$	344064
24	$\mathcal{O}(0; \{24^4, 8^2, 6^2, 4, 2^4\})$	45056
24	$\mathcal{O}(0; \{24^4, 8^2, 6^2, 4, 3^3\})$	348160
24	$\mathcal{O}(0; \{24^4, 8^2, 6^2, 4^3, 2\})$	180224
24	$\mathcal{O}(0; \{24^4, 8^2, 6^3, 4, 3, 2\})$	176128
24	$\mathcal{O}(0; \{24^4, 8^4, 3, 2^4\})$	163840
24	$\mathcal{O}(0; \{24^4, 8^4, 3^4\})$	1409024

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^4, 8^4, 4^2, 3, 2\})$	655360
24	$\mathcal{O}(0; \{24^4, 8^4, 6, 3^2, 2\})$	688128
24	$\mathcal{O}(0; \{24^4, 8^4, 6^2, 2^2\})$	360448
24	$\mathcal{O}(0; \{24^4, 12, 4, 2^9\})$	2560
24	$\mathcal{O}(0; \{24^4, 12, 4, 3^3, 2^5\})$	22016
24	$\mathcal{O}(0; \{24^4, 12, 4, 3^6, 2\})$	174592
24	$\mathcal{O}(0; \{24^4, 12, 4^3, 2^6\})$	10240
24	$\mathcal{O}(0; \{24^4, 12, 4^3, 3^3, 2^2\})$	88064
24	$\mathcal{O}(0; \{24^4, 12, 4^5, 2^3\})$	40960
24	$\mathcal{O}(0; \{24^4, 12, 4^7\})$	163840
24	$\mathcal{O}(0; \{24^4, 12, 6, 4, 3, 2^6\})$	10752
24	$\mathcal{O}(0; \{24^4, 12, 6, 4, 3^4, 2^2\})$	87552
24	$\mathcal{O}(0; \{24^4, 12, 6, 4^3, 3, 2^3\})$	43008
24	$\mathcal{O}(0; \{24^4, 12, 6, 4^5, 3\})$	172032
24	$\mathcal{O}(0; \{24^4, 12, 6^2, 4, 3^2, 2^3\})$	43520
24	$\mathcal{O}(0; \{24^4, 12, 6^2, 4^3, 3^2\})$	174080
24	$\mathcal{O}(0; \{24^4, 12, 6^3, 4, 2^4\})$	22016
24	$\mathcal{O}(0; \{24^4, 12, 6^3, 4, 3^3\})$	174592
24	$\mathcal{O}(0; \{24^4, 12, 6^3, 4^3, 2\})$	88064
24	$\mathcal{O}(0; \{24^4, 12, 6^4, 4, 3, 2\})$	87552
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 2^7\})$	20480
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 3^3, 2^3\})$	176128
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 4^2, 2^4\})$	81920
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 4^2, 3^3\})$	704512
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 4^4, 2\})$	327680
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6, 3, 2^4\})$	86016
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6, 3^4\})$	700416
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6, 4^2, 3, 2\})$	344064
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6^2, 3^2, 2\})$	348160
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6^3, 2^2\})$	176128
24	$\mathcal{O}(0; \{24^4, 12, 8^4, 4, 2^2\})$	655360
24	$\mathcal{O}(0; \{24^4, 12, 8^6\})$	5242880
24	$\mathcal{O}(0; \{24^4, 12^2, 3^2, 2^6\})$	22016
24	$\mathcal{O}(0; \{24^4, 12^2, 3^5, 2^2\})$	174592
24	$\mathcal{O}(0; \{24^4, 12^2, 4^2, 3^2, 2^3\})$	88064
24	$\mathcal{O}(0; \{24^4, 12^2, 4^4, 3^2\})$	352256
24	$\mathcal{O}(0; \{24^4, 12^2, 6, 2^7\})$	10752
24	$\mathcal{O}(0; \{24^4, 12^2, 6, 3^3, 2^3\})$	87552
24	$\mathcal{O}(0; \{24^4, 12^2, 6, 4^2, 2^4\})$	43008
24	$\mathcal{O}(0; \{24^4, 12^2, 6, 4^2, 3^3\})$	350208
24	$\mathcal{O}(0; \{24^4, 12^2, 6, 4^4, 2\})$	172032
24	$\mathcal{O}(0; \{24^4, 12^2, 6^2, 3, 2^4\})$	43520
24	$\mathcal{O}(0; \{24^4, 12^2, 6^2, 3^4\})$	349696

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^4, 12^2, 6^2, 4^2, 3, 2\})$	174080
24	$\mathcal{O}(0; \{24^4, 12^2, 6^3, 3^2, 2\})$	174592
24	$\mathcal{O}(0; \{24^4, 12^2, 6^4, 2^2\})$	87552
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 4, 3^2, 2\})$	704512
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 6, 4, 2^2\})$	344064
24	$\mathcal{O}(0; \{24^4, 12^2, 8^4, 6\})$	2752512
24	$\mathcal{O}(0; \{24^4, 12^3, 4, 3, 2^4\})$	88064
24	$\mathcal{O}(0; \{24^4, 12^3, 4, 3^4\})$	698368
24	$\mathcal{O}(0; \{24^4, 12^3, 4^3, 3, 2\})$	352256
24	$\mathcal{O}(0; \{24^4, 12^3, 6, 4, 3^2, 2\})$	350208
24	$\mathcal{O}(0; \{24^4, 12^3, 6^2, 4, 2^2\})$	174080
24	$\mathcal{O}(0; \{24^4, 12^3, 8^2, 3, 2^2\})$	704512
24	$\mathcal{O}(0; \{24^4, 12^3, 8^2, 6^2\})$	1392640
24	$\mathcal{O}(0; \{24^4, 12^4, 2^5\})$	88064
24	$\mathcal{O}(0; \{24^4, 12^4, 3^3, 2\})$	698368
24	$\mathcal{O}(0; \{24^4, 12^4, 4^2, 2^2\})$	352256
24	$\mathcal{O}(0; \{24^4, 12^4, 6, 3, 2^2\})$	350208
24	$\mathcal{O}(0; \{24^4, 12^4, 6^3\})$	698368
24	$\mathcal{O}(0; \{24^4, 12^4, 8^2, 4\})$	2818048
24	$\mathcal{O}(0; \{24^4, 12^5, 6, 4\})$	1400832
24	$\mathcal{O}(0; \{24^4, 12^6, 3\})$	2793472
24	$\mathcal{O}(0; \{24^5, 8, 3^2, 2^6\})$	43008
24	$\mathcal{O}(0; \{24^5, 8, 3^5, 2^2\})$	350208
24	$\mathcal{O}(0; \{24^5, 8, 4^2, 3^2, 2^3\})$	172032
24	$\mathcal{O}(0; \{24^5, 8, 4^4, 3^2\})$	688128
24	$\mathcal{O}(0; \{24^5, 8, 6, 2^7\})$	22528
24	$\mathcal{O}(0; \{24^5, 8, 6, 3^3, 2^3\})$	174080
24	$\mathcal{O}(0; \{24^5, 8, 6, 4^2, 2^4\})$	90112
24	$\mathcal{O}(0; \{24^5, 8, 6, 4^2, 3^3\})$	696320
24	$\mathcal{O}(0; \{24^5, 8, 6, 4^4, 2\})$	360448
24	$\mathcal{O}(0; \{24^5, 8, 6^2, 3, 2^4\})$	88064
24	$\mathcal{O}(0; \{24^5, 8, 6^2, 3^4\})$	698368
24	$\mathcal{O}(0; \{24^5, 8, 6^2, 4^2, 3, 2\})$	352256
24	$\mathcal{O}(0; \{24^5, 8, 6^3, 3^2, 2\})$	350208
24	$\mathcal{O}(0; \{24^5, 8, 6^4, 2^2\})$	174080
24	$\mathcal{O}(0; \{24^5, 8^3, 4, 3^2, 2\})$	1376256
24	$\mathcal{O}(0; \{24^5, 8^3, 6, 4, 2^2\})$	720896
24	$\mathcal{O}(0; \{24^5, 8^5, 6\})$	5767168
24	$\mathcal{O}(0; \{24^5, 12, 8, 4, 3, 2^4\})$	172032
24	$\mathcal{O}(0; \{24^5, 12, 8, 4, 3^4\})$	1400832
24	$\mathcal{O}(0; \{24^5, 12, 8, 4^3, 3, 2\})$	688128
24	$\mathcal{O}(0; \{24^5, 12, 8, 6, 4, 3^2, 2\})$	696320
24	$\mathcal{O}(0; \{24^5, 12, 8, 6^2, 4, 2^2\})$	352256

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^5, 12, 8^3, 3, 2^2\})$	1376256
24	$\mathcal{O}(0; \{24^5, 12, 8^3, 6^2\})$	2818048
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 2^5\})$	172032
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 3^3, 2\})$	1400832
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 4^2, 2^2\})$	688128
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 6, 3, 2^2\})$	696320
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 6^3\})$	1400832
24	$\mathcal{O}(0; \{24^5, 12^2, 8^3, 4\})$	5505024
24	$\mathcal{O}(0; \{24^5, 12^3, 8, 6, 4\})$	2785280
24	$\mathcal{O}(0; \{24^5, 12^4, 8, 3\})$	5603328
24	$\mathcal{O}(0; \{24^6, 4, 2^7\})$	45056
24	$\mathcal{O}(0; \{24^6, 4, 3^3, 2^3\})$	348160
24	$\mathcal{O}(0; \{24^6, 4^3, 2^4\})$	180224
24	$\mathcal{O}(0; \{24^6, 4^3, 3^3\})$	1392640
24	$\mathcal{O}(0; \{24^6, 4^5, 2\})$	720896
24	$\mathcal{O}(0; \{24^6, 6, 4, 3, 2^4\})$	176128
24	$\mathcal{O}(0; \{24^6, 6, 4, 3^4\})$	1396736
24	$\mathcal{O}(0; \{24^6, 6, 4^3, 3, 2\})$	704512
24	$\mathcal{O}(0; \{24^6, 6^2, 4, 3^2, 2\})$	700416
24	$\mathcal{O}(0; \{24^6, 6^3, 4, 2^2\})$	348160
24	$\mathcal{O}(0; \{24^6, 8^2, 2^5\})$	360448
24	$\mathcal{O}(0; \{24^6, 8^2, 3^3, 2\})$	2785280
24	$\mathcal{O}(0; \{24^6, 8^2, 4^2, 2^2\})$	1441792
24	$\mathcal{O}(0; \{24^6, 8^2, 6, 3, 2^2\})$	1409024
24	$\mathcal{O}(0; \{24^6, 8^2, 6^3\})$	2785280
24	$\mathcal{O}(0; \{24^6, 8^4, 4\})$	71534336
24	$\mathcal{O}(0; \{24^6, 12, 3^2, 2^4\})$	348160
24	$\mathcal{O}(0; \{24^6, 12, 3^5\})$	2797568
24	$\mathcal{O}(0; \{24^6, 12, 4^2, 3^2, 2\})$	1392640
24	$\mathcal{O}(0; \{24^6, 12, 6, 2^5\})$	176128
24	$\mathcal{O}(0; \{24^6, 12, 6, 3^3, 2\})$	1396736
24	$\mathcal{O}(0; \{24^6, 12, 6, 4^2, 2^2\})$	704512
24	$\mathcal{O}(0; \{24^6, 12, 6^2, 3, 2^2\})$	700416
24	$\mathcal{O}(0; \{24^6, 12, 6^4\})$	1396736
24	$\mathcal{O}(0; \{24^6, 12, 8^2, 6, 4\})$	5636096
24	$\mathcal{O}(0; \{24^6, 12^2, 4, 3, 2^2\})$	1392640
24	$\mathcal{O}(0; \{24^6, 12^2, 6^2, 4\})$	2801664
24	$\mathcal{O}(0; \{24^6, 12^2, 8^2, 3\})$	71141120
24	$\mathcal{O}(0; \{24^6, 12^3, 2^3\})$	1392640
24	$\mathcal{O}(0; \{24^6, 12^3, 4^2\})$	5570560
24	$\mathcal{O}(0; \{24^6, 12^3, 6, 3\})$	5586944
24	$\mathcal{O}(0; \{24^7, 8, 4, 3, 2^2\})$	2818048
24	$\mathcal{O}(0; \{24^7, 8, 6^2, 4\})$	5570560

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^7, 8^3, 3\})$	22544384
24	$\mathcal{O}(0; \{24^7, 12, 8, 2^3\})$	2818048
24	$\mathcal{O}(0; \{24^7, 12, 8, 4^2\})$	11272192
24	$\mathcal{O}(0; \{24^7, 12, 8, 6, 3\})$	11206656
24	$\mathcal{O}(0; \{24^8, 3^2, 2^2\})$	5603328
24	$\mathcal{O}(0; \{24^8, 6, 2^3\})$	2785280
24	$\mathcal{O}(0; \{24^8, 6, 4^2\})$	11141120
24	$\mathcal{O}(0; \{24^8, 6^2, 3\})$	11173888
24	$\mathcal{O}(0; \{24^8, 12, 4, 3\})$	22413312
24	$\mathcal{O}(0; \{24^8, 12^2, 2\})$	22413312
24	$\mathcal{O}(0; \{24^9, 8, 2\})$	44564480
25	$\mathcal{O}(3; \{25^3, 5\})$	292968750000
25	$\mathcal{O}(1; \{25^3, 5^6\})$	768000000
25	$\mathcal{O}(1; \{25^8\})$	640039062500
26	$\mathcal{O}(3; \{26, 13, 2^3\})$	3706989312
26	$\mathcal{O}(3; \{26^3, 2\})$	40776882432
26	$\mathcal{O}(2; \{26, 13, 2^7\})$	5483712
26	$\mathcal{O}(2; \{26^3, 2^5\})$	60320832
26	$\mathcal{O}(1; \{13^8\})$	16769286612
26	$\mathcal{O}(1; \{26, 13, 2^{11}\})$	8112
26	$\mathcal{O}(1; \{26^3, 2^9\})$	89232
26	$\mathcal{O}(0; \{13^8, 2^4\})$	33075516
26	$\mathcal{O}(0; \{26, 13, 2^{15}\})$	12
26	$\mathcal{O}(0; \{26^2, 13^7, 2^2\})$	396906180
26	$\mathcal{O}(0; \{26^3, 2^{13}\})$	132
26	$\mathcal{O}(0; \{26^4, 13^6\})$	4762874172
27	$\mathcal{O}(3; \{9^2, 3^2\})$	9285337152
27	$\mathcal{O}(2; \{9^2, 3^5\})$	100776960
27	$\mathcal{O}(2; \{9^5, 3\})$	850305600
27	$\mathcal{O}(2; \{27^3, 9, 3^2\})$	2066242608
27	$\mathcal{O}(1; \{9^2, 3^8\})$	995328
27	$\mathcal{O}(1; \{9^5, 3^4\})$	8398080
27	$\mathcal{O}(1; \{9^8\})$	121877136
27	$\mathcal{O}(1; \{27^3, 9, 3^5\})$	22674816
27	$\mathcal{O}(1; \{27^3, 9^4, 3\})$	306110016
27	$\mathcal{O}(1; \{27^6, 3^2\})$	3788111448
27	$\mathcal{O}(0; \{27^3, 9, 3^8\})$	248832
27	$\mathcal{O}(0; \{27^3, 9^4, 3^4\})$	3359232
27	$\mathcal{O}(0; \{27^3, 9^7\})$	45349632
27	$\mathcal{O}(0; \{27^6, 3^5\})$	41570496
27	$\mathcal{O}(0; \{27^6, 9^3, 3\})$	561201696
28	$\mathcal{O}(3; \{14^2, 2^2\})$	2846164608
28	$\mathcal{O}(3; \{28^2, 14\})$	28913418240

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(2; \{14, 7^4, 2\})$	639626400
28	$\mathcal{O}(2; \{14^2, 2^6\})$	3457440
28	$\mathcal{O}(2; \{14^2, 4^2, 2^3\})$	7375872
28	$\mathcal{O}(2; \{14^2, 4^4\})$	29503488
28	$\mathcal{O}(2; \{28, 14, 7^2, 4, 2\})$	228652032
28	$\mathcal{O}(2; \{28^2, 14, 2^4\})$	36879360
28	$\mathcal{O}(2; \{28^2, 14, 4^2, 2\})$	147517440
28	$\mathcal{O}(2; \{28^4, 2^2\})$	914608128
28	$\mathcal{O}(1; \{7^8\})$	141088248
28	$\mathcal{O}(1; \{14, 7^4, 2^5\})$	652680
28	$\mathcal{O}(1; \{14, 7^4, 4^2, 2^2\})$	1740480
28	$\mathcal{O}(1; \{14^2, 2^{10}\})$	3528
28	$\mathcal{O}(1; \{14^2, 4^2, 2^7\})$	9408
28	$\mathcal{O}(1; \{14^2, 4^4, 2^4\})$	37632
28	$\mathcal{O}(1; \{14^2, 4^6, 2\})$	150528
28	$\mathcal{O}(1; \{14^3, 7^3, 2^3\})$	3919608
28	$\mathcal{O}(1; \{14^3, 7^3, 4^2\})$	10452288
28	$\mathcal{O}(1; \{14^5, 7^2, 2\})$	23514120
28	$\mathcal{O}(1; \{28, 7^6, 4\})$	62704320
28	$\mathcal{O}(1; \{28, 14, 7^2, 4, 2^5\})$	291648
28	$\mathcal{O}(1; \{28, 14, 7^2, 4^3, 2^2\})$	1166592
28	$\mathcal{O}(1; \{28, 14^3, 7, 4, 2^3\})$	1740480
28	$\mathcal{O}(1; \{28, 14^3, 7, 4^3\})$	6961920
28	$\mathcal{O}(1; \{28, 14^5, 4, 2\})$	10452288
28	$\mathcal{O}(1; \{28^2, 7^4, 2^3\})$	10452288
28	$\mathcal{O}(1; \{28^2, 7^4, 4^2\})$	41809152
28	$\mathcal{O}(1; \{28^2, 14, 2^8\})$	47040
28	$\mathcal{O}(1; \{28^2, 14, 4^2, 2^5\})$	188160
28	$\mathcal{O}(1; \{28^2, 14, 4^4, 2^2\})$	752640
28	$\mathcal{O}(1; \{28^2, 14^2, 7^3, 2\})$	62704320
28	$\mathcal{O}(1; \{28^3, 7^2, 4, 2^3\})$	6961920
28	$\mathcal{O}(1; \{28^3, 7^2, 4^3\})$	27847680
28	$\mathcal{O}(1; \{28^3, 14^2, 7, 4, 2\})$	41809152
28	$\mathcal{O}(1; \{28^4, 2^6\})$	1166592
28	$\mathcal{O}(1; \{28^4, 4^2, 2^3\})$	4666368
28	$\mathcal{O}(1; \{28^4, 4^4\})$	18665472
28	$\mathcal{O}(0; \{7^8, 4^2, 2\})$	479892
28	$\mathcal{O}(0; \{14, 7^4, 4^2, 2^6\})$	2220
28	$\mathcal{O}(0; \{14, 7^4, 4^4, 2^3\})$	8880
28	$\mathcal{O}(0; \{14, 7^4, 4^6\})$	35520
28	$\mathcal{O}(0; \{14^2, 4^2, 2^{11}\})$	12
28	$\mathcal{O}(0; \{14^2, 4^4, 2^8\})$	48
28	$\mathcal{O}(0; \{14^2, 4^6, 2^5\})$	192

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(0; \{14^2, 4^8, 2^2\})$	768
28	$\mathcal{O}(0; \{14^3, 7^3, 4^2, 2^4\})$	13332
28	$\mathcal{O}(0; \{14^3, 7^3, 4^4, 2\})$	53328
28	$\mathcal{O}(0; \{14^5, 7^2, 4^2, 2^2\})$	79980
28	$\mathcal{O}(0; \{14^7, 7, 4^2\})$	479892
28	$\mathcal{O}(0; \{28, 7^6, 4, 2^4\})$	79980
28	$\mathcal{O}(0; \{28, 7^6, 4^3, 2\})$	319920
28	$\mathcal{O}(0; \{28, 14, 7^2, 4, 2^9\})$	372
28	$\mathcal{O}(0; \{28, 14, 7^2, 4^3, 2^6\})$	1488
28	$\mathcal{O}(0; \{28, 14, 7^2, 4^5, 2^3\})$	5952
28	$\mathcal{O}(0; \{28, 14, 7^2, 4^7\})$	23808
28	$\mathcal{O}(0; \{28, 14^2, 7^5, 4, 2^2\})$	479892
28	$\mathcal{O}(0; \{28, 14^3, 7, 4, 2^7\})$	2220
28	$\mathcal{O}(0; \{28, 14^3, 7, 4^3, 2^4\})$	8880
28	$\mathcal{O}(0; \{28, 14^3, 7, 4^5, 2\})$	35520
28	$\mathcal{O}(0; \{28, 14^4, 7^4, 4\})$	2879340
28	$\mathcal{O}(0; \{28, 14^5, 4, 2^5\})$	13332
28	$\mathcal{O}(0; \{28, 14^5, 4^3, 2^2\})$	53328
28	$\mathcal{O}(0; \{28^2, 7^4, 2^7\})$	13332
28	$\mathcal{O}(0; \{28^2, 7^4, 4^2, 2^4\})$	53328
28	$\mathcal{O}(0; \{28^2, 7^4, 4^4, 2\})$	213312
28	$\mathcal{O}(0; \{28^2, 14, 2^{12}\})$	60
28	$\mathcal{O}(0; \{28^2, 14, 4^2, 2^9\})$	240
28	$\mathcal{O}(0; \{28^2, 14, 4^4, 2^6\})$	960
28	$\mathcal{O}(0; \{28^2, 14, 4^6, 2^3\})$	3840
28	$\mathcal{O}(0; \{28^2, 14, 4^8\})$	15360
28	$\mathcal{O}(0; \{28^2, 14, 7^7\})$	17276052
28	$\mathcal{O}(0; \{28^2, 14^2, 7^3, 2^5\})$	79980
28	$\mathcal{O}(0; \{28^2, 14^2, 7^3, 4^2, 2^2\})$	319920
28	$\mathcal{O}(0; \{28^2, 14^4, 7^2, 2^3\})$	479892
28	$\mathcal{O}(0; \{28^2, 14^4, 7^2, 4^2\})$	1919568
28	$\mathcal{O}(0; \{28^2, 14^6, 7, 2\})$	2879340
28	$\mathcal{O}(0; \{28^3, 7^2, 4, 2^7\})$	8880
28	$\mathcal{O}(0; \{28^3, 7^2, 4^3, 2^4\})$	35520
28	$\mathcal{O}(0; \{28^3, 7^2, 4^5, 2\})$	142080
28	$\mathcal{O}(0; \{28^3, 14, 7^5, 4\})$	11517360
28	$\mathcal{O}(0; \{28^3, 14^2, 7, 4, 2^5\})$	53328
28	$\mathcal{O}(0; \{28^3, 14^2, 7, 4^3, 2^2\})$	213312
28	$\mathcal{O}(0; \{28^3, 14^4, 4, 2^3\})$	319920
28	$\mathcal{O}(0; \{28^3, 14^4, 4^3\})$	1279680
28	$\mathcal{O}(0; \{28^4, 2^{10}\})$	1488
28	$\mathcal{O}(0; \{28^4, 4^2, 2^7\})$	5952
28	$\mathcal{O}(0; \{28^4, 4^4, 2^4\})$	23808

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(0; \{28^4, 4^6, 2\})$	95232
28	$\mathcal{O}(0; \{28^4, 14, 7^3, 2^3\})$	1919568
28	$\mathcal{O}(0; \{28^4, 14, 7^3, 4^2\})$	7678272
28	$\mathcal{O}(0; \{28^4, 14^3, 7^2, 2\})$	11517360
28	$\mathcal{O}(0; \{28^5, 14, 7, 4, 2^3\})$	1279680
28	$\mathcal{O}(0; \{28^5, 14, 7, 4^3\})$	5118720
28	$\mathcal{O}(0; \{28^5, 14^3, 4, 2\})$	7678272
28	$\mathcal{O}(0; \{28^6, 7^3, 2\})$	46069440
28	$\mathcal{O}(0; \{28^7, 7, 4, 2\})$	30713088
30	$\mathcal{O}(3; \{5^3\})$	8599500000
30	$\mathcal{O}(3; \{15, 5, 3\})$	5740875000
30	$\mathcal{O}(3; \{30, 15, 2\})$	5832000000
30	$\mathcal{O}(2; \{5^3, 2^4\})$	9600000
30	$\mathcal{O}(2; \{5^3, 3^3\})$	18225000
30	$\mathcal{O}(2; \{6, 5^3, 3, 2\})$	19440000
30	$\mathcal{O}(2; \{10^2, 5^2, 2^2\})$	41600000
30	$\mathcal{O}(2; \{10^4, 5\})$	163200000
30	$\mathcal{O}(2; \{15, 5, 3, 2^4\})$	6480000
30	$\mathcal{O}(2; \{15, 5, 3^4\})$	30375000
30	$\mathcal{O}(2; \{15, 6, 5, 3^2, 2\})$	19440000
30	$\mathcal{O}(2; \{15, 6^2, 5, 2^2\})$	6480000
30	$\mathcal{O}(2; \{15, 10^2, 3, 2^2\})$	19440000
30	$\mathcal{O}(2; \{15, 10^2, 6^2\})$	19440000
30	$\mathcal{O}(2; \{15^2, 10, 6, 5\})$	84240000
30	$\mathcal{O}(2; \{15^3, 5^2\})$	309825000
30	$\mathcal{O}(2; \{15^4, 3\})$	394875000
30	$\mathcal{O}(2; \{30, 5^2, 3^2, 2\})$	19440000
30	$\mathcal{O}(2; \{30, 6, 5^2, 2^2\})$	19440000
30	$\mathcal{O}(2; \{30, 10^2, 6, 5\})$	84240000
30	$\mathcal{O}(2; \{30, 15, 2^5\})$	6480000
30	$\mathcal{O}(2; \{30, 15, 3^3, 2\})$	32400000
30	$\mathcal{O}(2; \{30, 15, 6, 3, 2^2\})$	19440000
30	$\mathcal{O}(2; \{30, 15, 6^3\})$	32400000
30	$\mathcal{O}(2; \{30, 15, 10, 5^2\})$	330480000
30	$\mathcal{O}(2; \{30, 15^2, 10, 3\})$	252720000
30	$\mathcal{O}(2; \{30^2, 5, 3, 2^2\})$	19440000
30	$\mathcal{O}(2; \{30^2, 6^2, 5\})$	58320000
30	$\mathcal{O}(2; \{30^2, 10^2, 3\})$	84240000
30	$\mathcal{O}(2; \{30^3, 2^3\})$	19440000
30	$\mathcal{O}(2; \{30^3, 6, 3\})$	97200000
30	$\mathcal{O}(1; \{5^3, 2^8\})$	9600
30	$\mathcal{O}(1; \{5^3, 3^3, 2^4\})$	21600
30	$\mathcal{O}(1; \{5^3, 3^6\})$	178200

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{5^8\})$	7864800
30	$\mathcal{O}(1; \{6, 5^3, 3, 2^5\})$	21600
30	$\mathcal{O}(1; \{6, 5^3, 3^4, 2\})$	108000
30	$\mathcal{O}(1; \{6^2, 5^3, 3^2, 2^2\})$	64800
30	$\mathcal{O}(1; \{6^3, 5^3, 2^3\})$	21600
30	$\mathcal{O}(1; \{6^4, 5^3, 3\})$	108000
30	$\mathcal{O}(1; \{10, 5^5, 2^3\})$	656000
30	$\mathcal{O}(1; \{10, 6, 5^5, 3\})$	1476000
30	$\mathcal{O}(1; \{10^2, 5^2, 2^6\})$	41600
30	$\mathcal{O}(1; \{10^2, 5^2, 3^3, 2^2\})$	93600
30	$\mathcal{O}(1; \{10^2, 6, 5^2, 3, 2^3\})$	93600
30	$\mathcal{O}(1; \{10^2, 6^2, 5^2, 3^2\})$	280800
30	$\mathcal{O}(1; \{10^2, 6^3, 5^2, 2\})$	93600
30	$\mathcal{O}(1; \{10^3, 5^4, 2\})$	2620800
30	$\mathcal{O}(1; \{10^4, 5, 2^4\})$	163200
30	$\mathcal{O}(1; \{10^4, 5, 3^3\})$	367200
30	$\mathcal{O}(1; \{10^4, 6, 5, 3, 2\})$	367200
30	$\mathcal{O}(1; \{10^6, 2^2\})$	656000
30	$\mathcal{O}(1; \{15, 5, 3, 2^8\})$	7200
30	$\mathcal{O}(1; \{15, 5, 3^4, 2^4\})$	36000
30	$\mathcal{O}(1; \{15, 5, 3^7\})$	232200
30	$\mathcal{O}(1; \{15, 5^6, 3\})$	4422600
30	$\mathcal{O}(1; \{15, 6, 5, 3^2, 2^5\})$	21600
30	$\mathcal{O}(1; \{15, 6, 5, 3^5, 2\})$	151200
30	$\mathcal{O}(1; \{15, 6^2, 5, 2^6\})$	7200
30	$\mathcal{O}(1; \{15, 6^2, 5, 3^3, 2^2\})$	79200
30	$\mathcal{O}(1; \{15, 6^3, 5, 3, 2^3\})$	36000
30	$\mathcal{O}(1; \{15, 6^4, 5, 3^2\})$	151200
30	$\mathcal{O}(1; \{15, 6^5, 5, 2\})$	79200
30	$\mathcal{O}(1; \{15, 10, 5^3, 3, 2^3\})$	367200
30	$\mathcal{O}(1; \{15, 10, 6, 5^3, 3^2\})$	1101600
30	$\mathcal{O}(1; \{15, 10, 6^2, 5^3, 2\})$	367200
30	$\mathcal{O}(1; \{15, 10^2, 3, 2^6\})$	21600
30	$\mathcal{O}(1; \{15, 10^2, 3^4, 2^2\})$	108000
30	$\mathcal{O}(1; \{15, 10^2, 6, 3^2, 2^3\})$	64800
30	$\mathcal{O}(1; \{15, 10^2, 6^2, 2^4\})$	21600
30	$\mathcal{O}(1; \{15, 10^2, 6^2, 3^3\})$	237600
30	$\mathcal{O}(1; \{15, 10^2, 6^3, 3, 2\})$	108000
30	$\mathcal{O}(1; \{15, 10^3, 5^2, 3, 2\})$	1476000
30	$\mathcal{O}(1; \{15^2, 5^4, 3^2\})$	3321000
30	$\mathcal{O}(1; \{15^2, 6, 5^4, 2\})$	1476000
30	$\mathcal{O}(1; \{15^2, 10, 5, 3^2, 2^3\})$	280800
30	$\mathcal{O}(1; \{15^2, 10, 6, 5, 2^4\})$	93600

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{15^2, 10, 6, 5, 3^3\})$	1029600
30	$\mathcal{O}(1; \{15^2, 10, 6^2, 5, 3, 2\})$	468000
30	$\mathcal{O}(1; \{15^2, 10^3, 3^2, 2\})$	1101600
30	$\mathcal{O}(1; \{15^2, 10^3, 6, 2^2\})$	367200
30	$\mathcal{O}(1; \{15^3, 5^2, 2^4\})$	367200
30	$\mathcal{O}(1; \{15^3, 5^2, 3^3\})$	3029400
30	$\mathcal{O}(1; \{15^3, 6, 5^2, 3, 2\})$	1836000
30	$\mathcal{O}(1; \{15^3, 10^2, 5, 2^2\})$	1476000
30	$\mathcal{O}(1; \{15^3, 10^4\})$	5896800
30	$\mathcal{O}(1; \{15^4, 3, 2^4\})$	468000
30	$\mathcal{O}(1; \{15^4, 3^4\})$	3018600
30	$\mathcal{O}(1; \{15^4, 6, 3^2, 2\})$	1965600
30	$\mathcal{O}(1; \{15^4, 6^2, 2^2\})$	1029600
30	$\mathcal{O}(1; \{15^5, 10, 6\})$	16236000
30	$\mathcal{O}(1; \{15^6, 5\})$	48648600
30	$\mathcal{O}(1; \{30, 5^2, 3^2, 2^5\})$	21600
30	$\mathcal{O}(1; \{30, 5^2, 3^5, 2\})$	237600
30	$\mathcal{O}(1; \{30, 6, 5^2, 2^6\})$	21600
30	$\mathcal{O}(1; \{30, 6, 5^2, 3^3, 2^2\})$	108000
30	$\mathcal{O}(1; \{30, 6^2, 5^2, 3, 2^3\})$	64800
30	$\mathcal{O}(1; \{30, 6^3, 5^2, 3^2\})$	237600
30	$\mathcal{O}(1; \{30, 6^4, 5^2, 2\})$	108000
30	$\mathcal{O}(1; \{30, 10, 5^4, 3^2\})$	1476000
30	$\mathcal{O}(1; \{30, 10, 6, 5^4, 2\})$	1476000
30	$\mathcal{O}(1; \{30, 10^2, 5, 3^2, 2^3\})$	93600
30	$\mathcal{O}(1; \{30, 10^2, 6, 5, 2^4\})$	93600
30	$\mathcal{O}(1; \{30, 10^2, 6, 5, 3^3\})$	468000
30	$\mathcal{O}(1; \{30, 10^2, 6^2, 5, 3, 2\})$	280800
30	$\mathcal{O}(1; \{30, 10^4, 3^2, 2\})$	367200
30	$\mathcal{O}(1; \{30, 10^4, 6, 2^2\})$	367200
30	$\mathcal{O}(1; \{30, 15, 2^9\})$	7200
30	$\mathcal{O}(1; \{30, 15, 3^3, 2^5\})$	36000
30	$\mathcal{O}(1; \{30, 15, 3^6, 2\})$	309600
30	$\mathcal{O}(1; \{30, 15, 5^5, 2\})$	5896800
30	$\mathcal{O}(1; \{30, 15, 6, 3, 2^6\})$	21600
30	$\mathcal{O}(1; \{30, 15, 6, 3^4, 2^2\})$	151200
30	$\mathcal{O}(1; \{30, 15, 6^2, 3^2, 2^3\})$	79200
30	$\mathcal{O}(1; \{30, 15, 6^3, 2^4\})$	36000
30	$\mathcal{O}(1; \{30, 15, 6^3, 3^3\})$	309600
30	$\mathcal{O}(1; \{30, 15, 6^4, 3, 2\})$	151200
30	$\mathcal{O}(1; \{30, 15, 10, 5^2, 2^4\})$	367200
30	$\mathcal{O}(1; \{30, 15, 10, 5^2, 3^3\})$	1836000
30	$\mathcal{O}(1; \{30, 15, 10, 6, 5^2, 3, 2\})$	1101600

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{30, 15, 10^3, 5, 2^2\})$	1476000
30	$\mathcal{O}(1; \{30, 15, 10^5\})$	5896800
30	$\mathcal{O}(1; \{30, 15^2, 5^3, 3, 2\})$	4428000
30	$\mathcal{O}(1; \{30, 15^2, 10, 3, 2^4\})$	280800
30	$\mathcal{O}(1; \{30, 15^2, 10, 3^4\})$	1965600
30	$\mathcal{O}(1; \{30, 15^2, 10, 6, 3^2, 2\})$	1029600
30	$\mathcal{O}(1; \{30, 15^2, 10, 6^2, 2^2\})$	468000
30	$\mathcal{O}(1; \{30, 15^3, 5, 3^2, 2\})$	4039200
30	$\mathcal{O}(1; \{30, 15^3, 6, 5, 2^2\})$	1836000
30	$\mathcal{O}(1; \{30, 15^3, 10^2, 6\})$	7380000
30	$\mathcal{O}(1; \{30, 15^4, 10, 5\})$	29484000
30	$\mathcal{O}(1; \{30^2, 5, 3, 2^6\})$	21600
30	$\mathcal{O}(1; \{30^2, 5, 3^4, 2^2\})$	237600
30	$\mathcal{O}(1; \{30^2, 6, 5, 3^2, 2^3\})$	108000
30	$\mathcal{O}(1; \{30^2, 6^2, 5, 2^4\})$	64800
30	$\mathcal{O}(1; \{30^2, 6^2, 5, 3^3\})$	453600
30	$\mathcal{O}(1; \{30^2, 6^3, 5, 3, 2\})$	237600
30	$\mathcal{O}(1; \{30^2, 10, 5^3, 3, 2\})$	1476000
30	$\mathcal{O}(1; \{30^2, 10^2, 3, 2^4\})$	93600
30	$\mathcal{O}(1; \{30^2, 10^2, 3^4\})$	1029600
30	$\mathcal{O}(1; \{30^2, 10^2, 6, 3^2, 2\})$	468000
30	$\mathcal{O}(1; \{30^2, 10^2, 6^2, 2^2\})$	280800
30	$\mathcal{O}(1; \{30^2, 15, 10, 5, 3^2, 2\})$	1836000
30	$\mathcal{O}(1; \{30^2, 15, 10, 6, 5, 2^2\})$	1101600
30	$\mathcal{O}(1; \{30^2, 15, 10^3, 6\})$	4428000
30	$\mathcal{O}(1; \{30^2, 15^2, 5^2, 2^2\})$	4428000
30	$\mathcal{O}(1; \{30^2, 15^2, 10^2, 5\})$	17690400
30	$\mathcal{O}(1; \{30^2, 15^3, 3, 2^2\})$	4039200
30	$\mathcal{O}(1; \{30^2, 15^3, 6^2\})$	7711200
30	$\mathcal{O}(1; \{30^3, 2^7\})$	21600
30	$\mathcal{O}(1; \{30^3, 3^3, 2^3\})$	237600
30	$\mathcal{O}(1; \{30^3, 6, 3, 2^4\})$	108000
30	$\mathcal{O}(1; \{30^3, 6, 3^4\})$	928800
30	$\mathcal{O}(1; \{30^3, 6^2, 3^2, 2\})$	453600
30	$\mathcal{O}(1; \{30^3, 6^3, 2^2\})$	237600
30	$\mathcal{O}(1; \{30^3, 10, 5^2, 2^2\})$	1476000
30	$\mathcal{O}(1; \{30^3, 10^3, 5\})$	5896800
30	$\mathcal{O}(1; \{30^3, 15, 10, 3, 2^2\})$	1836000
30	$\mathcal{O}(1; \{30^3, 15, 10, 6^2\})$	4039200
30	$\mathcal{O}(1; \{30^3, 15^2, 6, 5\})$	16236000
30	$\mathcal{O}(1; \{30^4, 10, 6, 5\})$	7380000
30	$\mathcal{O}(1; \{30^4, 15, 5^2\})$	29484000
30	$\mathcal{O}(1; \{30^4, 15^2, 3\})$	30996000

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{30^5, 10, 3\})$	16236000
30	$\mathcal{O}(0; \{5^3, 3^3, 2^8\})$	24
30	$\mathcal{O}(0; \{5^3, 3^6, 2^4\})$	264
30	$\mathcal{O}(0; \{6, 5^3, 3, 2^9\})$	24
30	$\mathcal{O}(0; \{6, 5^3, 3^4, 2^5\})$	120
30	$\mathcal{O}(0; \{6, 5^3, 3^7, 2\})$	1032
30	$\mathcal{O}(0; \{6, 5^8, 3, 2\})$	26216
30	$\mathcal{O}(0; \{6^2, 5^3, 3^2, 2^6\})$	72
30	$\mathcal{O}(0; \{6^2, 5^3, 3^5, 2^2\})$	504
30	$\mathcal{O}(0; \{6^3, 5^3, 2^7\})$	24
30	$\mathcal{O}(0; \{6^3, 5^3, 3^3, 2^3\})$	264
30	$\mathcal{O}(0; \{6^4, 5^3, 3, 2^4\})$	120
30	$\mathcal{O}(0; \{6^4, 5^3, 3^4\})$	1032
30	$\mathcal{O}(0; \{6^5, 5^3, 3^2, 2\})$	504
30	$\mathcal{O}(0; \{6^6, 5^3, 2^2\})$	264
30	$\mathcal{O}(0; \{10, 5^5, 3^3, 2^3\})$	1640
30	$\mathcal{O}(0; \{10, 6, 5^5, 3, 2^4\})$	1640
30	$\mathcal{O}(0; \{10, 6, 5^5, 3^4\})$	8200
30	$\mathcal{O}(0; \{10, 6^2, 5^5, 3^2, 2\})$	4920
30	$\mathcal{O}(0; \{10, 6^3, 5^5, 2^2\})$	1640
30	$\mathcal{O}(0; \{10^2, 5^2, 3^3, 2^6\})$	104
30	$\mathcal{O}(0; \{10^2, 5^2, 3^6, 2^2\})$	1144
30	$\mathcal{O}(0; \{10^2, 6, 5^2, 3, 2^7\})$	104
30	$\mathcal{O}(0; \{10^2, 6, 5^2, 3^4, 2^3\})$	520
30	$\mathcal{O}(0; \{10^2, 6^2, 5^2, 3^2, 2^4\})$	312
30	$\mathcal{O}(0; \{10^2, 6^2, 5^2, 3^5\})$	2184
30	$\mathcal{O}(0; \{10^2, 6^3, 5^2, 2^5\})$	104
30	$\mathcal{O}(0; \{10^2, 6^3, 5^2, 3^3, 2\})$	1144
30	$\mathcal{O}(0; \{10^2, 6^4, 5^2, 3, 2^2\})$	520
30	$\mathcal{O}(0; \{10^2, 6^6, 5^2\})$	1144
30	$\mathcal{O}(0; \{10^3, 5^4, 3^3, 2\})$	6552
30	$\mathcal{O}(0; \{10^3, 6, 5^4, 3, 2^2\})$	6552
30	$\mathcal{O}(0; \{10^3, 6^3, 5^4\})$	6552
30	$\mathcal{O}(0; \{10^4, 5, 3^3, 2^4\})$	408
30	$\mathcal{O}(0; \{10^4, 5, 3^6\})$	4488
30	$\mathcal{O}(0; \{10^4, 6, 5, 3, 2^5\})$	408
30	$\mathcal{O}(0; \{10^4, 6, 5, 3^4, 2\})$	2040
30	$\mathcal{O}(0; \{10^4, 6^2, 5, 3^2, 2^2\})$	1224
30	$\mathcal{O}(0; \{10^4, 6^3, 5, 2^3\})$	408
30	$\mathcal{O}(0; \{10^4, 6^4, 5, 3\})$	2040
30	$\mathcal{O}(0; \{10^5, 6, 5^3, 3\})$	26216
30	$\mathcal{O}(0; \{10^6, 3^3, 2^2\})$	1640
30	$\mathcal{O}(0; \{10^6, 6, 3, 2^3\})$	1640

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{10^6, 6^2, 3^2\})$	4920
30	$\mathcal{O}(0; \{10^6, 6^3, 2\})$	1640
30	$\mathcal{O}(0; \{15, 5, 3, 2^{12}\})$	8
30	$\mathcal{O}(0; \{15, 5, 3^4, 2^8\})$	40
30	$\mathcal{O}(0; \{15, 5, 3^7, 2^4\})$	344
30	$\mathcal{O}(0; \{15, 5^6, 3, 2^4\})$	6552
30	$\mathcal{O}(0; \{15, 6, 5, 3^2, 2^9\})$	24
30	$\mathcal{O}(0; \{15, 6, 5, 3^5, 2^5\})$	168
30	$\mathcal{O}(0; \{15, 6, 5, 3^8, 2\})$	1368
30	$\mathcal{O}(0; \{15, 6, 5^6, 3^2, 2\})$	19656
30	$\mathcal{O}(0; \{15, 6^2, 5, 2^{10}\})$	8
30	$\mathcal{O}(0; \{15, 6^2, 5, 3^3, 2^6\})$	88
30	$\mathcal{O}(0; \{15, 6^2, 5, 3^6, 2^2\})$	680
30	$\mathcal{O}(0; \{15, 6^2, 5^6, 2^2\})$	6552
30	$\mathcal{O}(0; \{15, 6^3, 5, 3, 2^7\})$	40
30	$\mathcal{O}(0; \{15, 6^3, 5, 3^4, 2^3\})$	344
30	$\mathcal{O}(0; \{15, 6^4, 5, 3^2, 2^4\})$	168
30	$\mathcal{O}(0; \{15, 6^4, 5, 3^5\})$	1368
30	$\mathcal{O}(0; \{15, 6^5, 5, 2^5\})$	88
30	$\mathcal{O}(0; \{15, 6^5, 5, 3^3, 2\})$	680
30	$\mathcal{O}(0; \{15, 6^6, 5, 3, 2^2\})$	344
30	$\mathcal{O}(0; \{15, 6^8, 5\})$	680
30	$\mathcal{O}(0; \{15, 10, 5^3, 3, 2^7\})$	408
30	$\mathcal{O}(0; \{15, 10, 5^3, 3^4, 2^3\})$	2040
30	$\mathcal{O}(0; \{15, 10, 6, 5^3, 3^2, 2^4\})$	1224
30	$\mathcal{O}(0; \{15, 10, 6, 5^3, 3^5\})$	8568
30	$\mathcal{O}(0; \{15, 10, 6^2, 5^3, 2^5\})$	408
30	$\mathcal{O}(0; \{15, 10, 6^2, 5^3, 3^3, 2\})$	4488
30	$\mathcal{O}(0; \{15, 10, 6^3, 5^3, 3, 2^2\})$	2040
30	$\mathcal{O}(0; \{15, 10, 6^5, 5^3\})$	4488
30	$\mathcal{O}(0; \{15, 10^2, 3, 2^{10}\})$	24
30	$\mathcal{O}(0; \{15, 10^2, 3^4, 2^6\})$	120
30	$\mathcal{O}(0; \{15, 10^2, 3^7, 2^2\})$	1032
30	$\mathcal{O}(0; \{15, 10^2, 5^5, 3, 2^2\})$	26216
30	$\mathcal{O}(0; \{15, 10^2, 6, 3^2, 2^7\})$	72
30	$\mathcal{O}(0; \{15, 10^2, 6, 3^5, 2^3\})$	504
30	$\mathcal{O}(0; \{15, 10^2, 6^2, 2^8\})$	24
30	$\mathcal{O}(0; \{15, 10^2, 6^2, 3^3, 2^4\})$	264
30	$\mathcal{O}(0; \{15, 10^2, 6^2, 3^6\})$	2040
30	$\mathcal{O}(0; \{15, 10^2, 6^2, 5^5\})$	26216
30	$\mathcal{O}(0; \{15, 10^2, 6^3, 3, 2^5\})$	120
30	$\mathcal{O}(0; \{15, 10^2, 6^3, 3^4, 2\})$	1032
30	$\mathcal{O}(0; \{15, 10^2, 6^4, 3^2, 2^2\})$	504

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{15, 10^2, 6^5, 2^3\})$	264
30	$\mathcal{O}(0; \{15, 10^2, 6^6, 3\})$	1032
30	$\mathcal{O}(0; \{15, 10^3, 5^2, 3, 2^5\})$	1640
30	$\mathcal{O}(0; \{15, 10^3, 5^2, 3^4, 2\})$	8200
30	$\mathcal{O}(0; \{15, 10^3, 6, 5^2, 3^2, 2^2\})$	4920
30	$\mathcal{O}(0; \{15, 10^3, 6^2, 5^2, 2^3\})$	1640
30	$\mathcal{O}(0; \{15, 10^3, 6^3, 5^2, 3\})$	8200
30	$\mathcal{O}(0; \{15, 10^4, 5^4, 3\})$	104856
30	$\mathcal{O}(0; \{15, 10^5, 5, 3, 2^3\})$	6552
30	$\mathcal{O}(0; \{15, 10^5, 6, 5, 3^2\})$	19656
30	$\mathcal{O}(0; \{15, 10^5, 6^2, 5, 2\})$	6552
30	$\mathcal{O}(0; \{15, 10^7, 3, 2\})$	26216
30	$\mathcal{O}(0; \{15^2, 5^4, 3^2, 2^4\})$	4920
30	$\mathcal{O}(0; \{15^2, 6, 5^4, 2^5\})$	1640
30	$\mathcal{O}(0; \{15^2, 6, 5^4, 3^3, 2\})$	18040
30	$\mathcal{O}(0; \{15^2, 6^2, 5^4, 3, 2^2\})$	8200
30	$\mathcal{O}(0; \{15^2, 6^4, 5^4\})$	18040
30	$\mathcal{O}(0; \{15^2, 10, 5, 3^2, 2^7\})$	312
30	$\mathcal{O}(0; \{15^2, 10, 5, 3^5, 2^3\})$	2184
30	$\mathcal{O}(0; \{15^2, 10, 6, 5, 2^8\})$	104
30	$\mathcal{O}(0; \{15^2, 10, 6, 5, 3^3, 2^4\})$	1144
30	$\mathcal{O}(0; \{15^2, 10, 6, 5, 3^6\})$	8840
30	$\mathcal{O}(0; \{15^2, 10, 6, 5^6\})$	104856
30	$\mathcal{O}(0; \{15^2, 10, 6^2, 5, 3, 2^5\})$	520
30	$\mathcal{O}(0; \{15^2, 10, 6^2, 5, 3^4, 2\})$	4472
30	$\mathcal{O}(0; \{15^2, 10, 6^3, 5, 3^2, 2^2\})$	2184
30	$\mathcal{O}(0; \{15^2, 10, 6^4, 5, 2^3\})$	1144
30	$\mathcal{O}(0; \{15^2, 10, 6^5, 5, 3\})$	4472
30	$\mathcal{O}(0; \{15^2, 10^2, 5^3, 3^2, 2^2\})$	19656
30	$\mathcal{O}(0; \{15^2, 10^2, 6, 5^3, 2^3\})$	6552
30	$\mathcal{O}(0; \{15^2, 10^2, 6^2, 5^3, 3\})$	32760
30	$\mathcal{O}(0; \{15^2, 10^3, 3^2, 2^5\})$	1224
30	$\mathcal{O}(0; \{15^2, 10^3, 3^5, 2\})$	8568
30	$\mathcal{O}(0; \{15^2, 10^3, 6, 2^6\})$	408
30	$\mathcal{O}(0; \{15^2, 10^3, 6, 3^3, 2^2\})$	4488
30	$\mathcal{O}(0; \{15^2, 10^3, 6^2, 3, 2^3\})$	2040
30	$\mathcal{O}(0; \{15^2, 10^3, 6^3, 3^2\})$	8568
30	$\mathcal{O}(0; \{15^2, 10^3, 6^4, 2\})$	4488
30	$\mathcal{O}(0; \{15^2, 10^4, 5^2, 3^2\})$	78648
30	$\mathcal{O}(0; \{15^2, 10^4, 6, 5^2, 2\})$	26216
30	$\mathcal{O}(0; \{15^3, 5^2, 2^8\})$	408
30	$\mathcal{O}(0; \{15^3, 5^2, 3^3, 2^4\})$	4488
30	$\mathcal{O}(0; \{15^3, 6, 5^2, 3, 2^5\})$	2040

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{15^3, 6, 5^2, 3^4, 2\})$	17544
30	$\mathcal{O}(0; \{15^3, 6^2, 5^2, 3^2, 2^2\})$	8568
30	$\mathcal{O}(0; \{15^3, 6^3, 5^2, 2^3\})$	4488
30	$\mathcal{O}(0; \{15^3, 6^4, 5^2, 3\})$	17544
30	$\mathcal{O}(0; \{15^3, 10, 5^4, 2^3\})$	26216
30	$\mathcal{O}(0; \{15^3, 10, 6, 5^4, 3\})$	131080
30	$\mathcal{O}(0; \{15^3, 10^2, 5, 2^6\})$	1640
30	$\mathcal{O}(0; \{15^3, 10^2, 5, 3^3, 2^2\})$	18040
30	$\mathcal{O}(0; \{15^3, 10^2, 6, 5, 3, 2^3\})$	8200
30	$\mathcal{O}(0; \{15^3, 10^2, 6^2, 5, 3^2\})$	34440
30	$\mathcal{O}(0; \{15^3, 10^2, 6^3, 5, 2\})$	18040
30	$\mathcal{O}(0; \{15^3, 10^3, 5^3, 2\})$	104856
30	$\mathcal{O}(0; \{15^3, 10^4, 2^4\})$	6552
30	$\mathcal{O}(0; \{15^3, 10^4, 3^3\})$	72072
30	$\mathcal{O}(0; \{15^3, 10^4, 6, 3, 2\})$	32760
30	$\mathcal{O}(0; \{15^4, 3, 2^8\})$	520
30	$\mathcal{O}(0; \{15^4, 3^4, 2^4\})$	4472
30	$\mathcal{O}(0; \{15^4, 6, 3^2, 2^5\})$	2184
30	$\mathcal{O}(0; \{15^4, 6, 3^5, 2\})$	17784
30	$\mathcal{O}(0; \{15^4, 6^2, 2^6\})$	1144
30	$\mathcal{O}(0; \{15^4, 6^2, 3^3, 2^2\})$	8840
30	$\mathcal{O}(0; \{15^4, 6^3, 3, 2^3\})$	4472
30	$\mathcal{O}(0; \{15^4, 6^4, 3^2\})$	17784
30	$\mathcal{O}(0; \{15^4, 6^5, 2\})$	8840
30	$\mathcal{O}(0; \{15^4, 10, 5^2, 3, 2^3\})$	32760
30	$\mathcal{O}(0; \{15^4, 10, 6, 5^2, 3^2\})$	137592
30	$\mathcal{O}(0; \{15^4, 10, 6^2, 5^2, 2\})$	72072
30	$\mathcal{O}(0; \{15^4, 10^3, 5, 3, 2\})$	131080
30	$\mathcal{O}(0; \{15^5, 6, 5^3, 2\})$	288376
30	$\mathcal{O}(0; \{15^5, 10, 3^2, 2^3\})$	34440
30	$\mathcal{O}(0; \{15^5, 10, 6, 2^4\})$	18040
30	$\mathcal{O}(0; \{15^5, 10, 6, 3^3\})$	139400
30	$\mathcal{O}(0; \{15^5, 10, 6^2, 3, 2\})$	70520
30	$\mathcal{O}(0; \{15^6, 5, 2^4\})$	72072
30	$\mathcal{O}(0; \{15^6, 6, 5, 3, 2\})$	281736
30	$\mathcal{O}(0; \{15^6, 10^2, 2^2\})$	288376
30	$\mathcal{O}(0; \{30, 5^2, 3^2, 2^9\})$	24
30	$\mathcal{O}(0; \{30, 5^2, 3^5, 2^5\})$	264
30	$\mathcal{O}(0; \{30, 5^2, 3^8, 2\})$	2040
30	$\mathcal{O}(0; \{30, 5^7, 3^2, 2\})$	26216
30	$\mathcal{O}(0; \{30, 6, 5^2, 2^{10}\})$	24
30	$\mathcal{O}(0; \{30, 6, 5^2, 3^3, 2^6\})$	120
30	$\mathcal{O}(0; \{30, 6, 5^2, 3^6, 2^2\})$	1032

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30, 6, 5^7, 2^2\})$	26216
30	$\mathcal{O}(0; \{30, 6^2, 5^2, 3, 2^7\})$	72
30	$\mathcal{O}(0; \{30, 6^2, 5^2, 3^4, 2^3\})$	504
30	$\mathcal{O}(0; \{30, 6^3, 5^2, 3^2, 2^4\})$	264
30	$\mathcal{O}(0; \{30, 6^3, 5^2, 3^5\})$	2040
30	$\mathcal{O}(0; \{30, 6^4, 5^2, 2^5\})$	120
30	$\mathcal{O}(0; \{30, 6^4, 5^2, 3^3, 2\})$	1032
30	$\mathcal{O}(0; \{30, 6^5, 5^2, 3, 2^2\})$	504
30	$\mathcal{O}(0; \{30, 6^7, 5^2\})$	1032
30	$\mathcal{O}(0; \{30, 10, 5^4, 3^2, 2^4\})$	1640
30	$\mathcal{O}(0; \{30, 10, 5^4, 3^5\})$	18040
30	$\mathcal{O}(0; \{30, 10, 6, 5^4, 2^5\})$	1640
30	$\mathcal{O}(0; \{30, 10, 6, 5^4, 3^3, 2\})$	8200
30	$\mathcal{O}(0; \{30, 10, 6^2, 5^4, 3, 2^2\})$	4920
30	$\mathcal{O}(0; \{30, 10, 6^4, 5^4\})$	8200
30	$\mathcal{O}(0; \{30, 10^2, 5, 3^2, 2^7\})$	104
30	$\mathcal{O}(0; \{30, 10^2, 5, 3^5, 2^3\})$	1144
30	$\mathcal{O}(0; \{30, 10^2, 6, 5, 2^8\})$	104
30	$\mathcal{O}(0; \{30, 10^2, 6, 5, 3^3, 2^4\})$	520
30	$\mathcal{O}(0; \{30, 10^2, 6, 5, 3^6\})$	4472
30	$\mathcal{O}(0; \{30, 10^2, 6, 5^6\})$	104856
30	$\mathcal{O}(0; \{30, 10^2, 6^2, 5, 3, 2^5\})$	312
30	$\mathcal{O}(0; \{30, 10^2, 6^2, 5, 3^4, 2\})$	2184
30	$\mathcal{O}(0; \{30, 10^2, 6^3, 5, 3^2, 2^2\})$	1144
30	$\mathcal{O}(0; \{30, 10^2, 6^4, 5, 2^3\})$	520
30	$\mathcal{O}(0; \{30, 10^2, 6^5, 5, 3\})$	2184
30	$\mathcal{O}(0; \{30, 10^3, 5^3, 3^2, 2^2\})$	6552
30	$\mathcal{O}(0; \{30, 10^3, 6, 5^3, 2^3\})$	6552
30	$\mathcal{O}(0; \{30, 10^3, 6^2, 5^3, 3\})$	19656
30	$\mathcal{O}(0; \{30, 10^4, 3^2, 2^5\})$	408
30	$\mathcal{O}(0; \{30, 10^4, 3^5, 2\})$	4488
30	$\mathcal{O}(0; \{30, 10^4, 6, 2^6\})$	408
30	$\mathcal{O}(0; \{30, 10^4, 6, 3^3, 2^2\})$	2040
30	$\mathcal{O}(0; \{30, 10^4, 6^2, 3, 2^3\})$	1224
30	$\mathcal{O}(0; \{30, 10^4, 6^3, 3^2\})$	4488
30	$\mathcal{O}(0; \{30, 10^4, 6^4, 2\})$	2040
30	$\mathcal{O}(0; \{30, 10^5, 5^2, 3^2\})$	26216
30	$\mathcal{O}(0; \{30, 10^5, 6, 5^2, 2\})$	26216
30	$\mathcal{O}(0; \{30, 15, 2^{13}\})$	8
30	$\mathcal{O}(0; \{30, 15, 3^3, 2^9\})$	40
30	$\mathcal{O}(0; \{30, 15, 3^6, 2^5\})$	344
30	$\mathcal{O}(0; \{30, 15, 3^9, 2\})$	2728
30	$\mathcal{O}(0; \{30, 15, 5^5, 2^5\})$	6552

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30, 15, 5^5, 3^3, 2\})$	32760
30	$\mathcal{O}(0; \{30, 15, 6, 3, 2^{10}\})$	24
30	$\mathcal{O}(0; \{30, 15, 6, 3^4, 2^6\})$	168
30	$\mathcal{O}(0; \{30, 15, 6, 3^7, 2^2\})$	1368
30	$\mathcal{O}(0; \{30, 15, 6, 5^5, 3, 2^2\})$	19656
30	$\mathcal{O}(0; \{30, 15, 6^2, 3^2, 2^7\})$	88
30	$\mathcal{O}(0; \{30, 15, 6^2, 3^5, 2^3\})$	680
30	$\mathcal{O}(0; \{30, 15, 6^3, 2^8\})$	40
30	$\mathcal{O}(0; \{30, 15, 6^3, 3^3, 2^4\})$	344
30	$\mathcal{O}(0; \{30, 15, 6^3, 3^6\})$	2728
30	$\mathcal{O}(0; \{30, 15, 6^3, 5^5\})$	32760
30	$\mathcal{O}(0; \{30, 15, 6^4, 3, 2^5\})$	168
30	$\mathcal{O}(0; \{30, 15, 6^4, 3^4, 2\})$	1368
30	$\mathcal{O}(0; \{30, 15, 6^5, 3^2, 2^2\})$	680
30	$\mathcal{O}(0; \{30, 15, 6^6, 2^3\})$	344
30	$\mathcal{O}(0; \{30, 15, 6^7, 3\})$	1368
30	$\mathcal{O}(0; \{30, 15, 10, 5^2, 2^8\})$	408
30	$\mathcal{O}(0; \{30, 15, 10, 5^2, 3^3, 2^4\})$	2040
30	$\mathcal{O}(0; \{30, 15, 10, 5^2, 3^6\})$	17544
30	$\mathcal{O}(0; \{30, 15, 10, 5^7\})$	419432
30	$\mathcal{O}(0; \{30, 15, 10, 6, 5^2, 3, 2^5\})$	1224
30	$\mathcal{O}(0; \{30, 15, 10, 6, 5^2, 3^4, 2\})$	8568
30	$\mathcal{O}(0; \{30, 15, 10, 6^2, 5^2, 3^2, 2^2\})$	4488
30	$\mathcal{O}(0; \{30, 15, 10, 6^3, 5^2, 2^3\})$	2040
30	$\mathcal{O}(0; \{30, 15, 10, 6^4, 5^2, 3\})$	8568
30	$\mathcal{O}(0; \{30, 15, 10^2, 5^4, 2^3\})$	26216
30	$\mathcal{O}(0; \{30, 15, 10^2, 6, 5^4, 3\})$	78648
30	$\mathcal{O}(0; \{30, 15, 10^3, 5, 2^6\})$	1640
30	$\mathcal{O}(0; \{30, 15, 10^3, 5, 3^3, 2^2\})$	8200
30	$\mathcal{O}(0; \{30, 15, 10^3, 6, 5, 3, 2^3\})$	4920
30	$\mathcal{O}(0; \{30, 15, 10^3, 6^2, 5, 3^2\})$	18040
30	$\mathcal{O}(0; \{30, 15, 10^3, 6^3, 5, 2\})$	8200
30	$\mathcal{O}(0; \{30, 15, 10^4, 5^3, 2\})$	104856
30	$\mathcal{O}(0; \{30, 15, 10^5, 2^4\})$	6552
30	$\mathcal{O}(0; \{30, 15, 10^5, 3^3\})$	32760
30	$\mathcal{O}(0; \{30, 15, 10^5, 6, 3, 2\})$	19656
30	$\mathcal{O}(0; \{30, 15^2, 5^3, 3, 2^5\})$	4920
30	$\mathcal{O}(0; \{30, 15^2, 5^3, 3^4, 2\})$	34440
30	$\mathcal{O}(0; \{30, 15^2, 6, 5^3, 3^2, 2^2\})$	18040
30	$\mathcal{O}(0; \{30, 15^2, 6^2, 5^3, 2^3\})$	8200
30	$\mathcal{O}(0; \{30, 15^2, 6^3, 5^3, 3\})$	34440
30	$\mathcal{O}(0; \{30, 15^2, 10, 3, 2^8\})$	312
30	$\mathcal{O}(0; \{30, 15^2, 10, 3^4, 2^4\})$	2184

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30, 15^2, 10, 3^7\})$	17784
30	$\mathcal{O}(0; \{30, 15^2, 10, 5^5, 3\})$	314568
30	$\mathcal{O}(0; \{30, 15^2, 10, 6, 3^2, 2^5\})$	1144
30	$\mathcal{O}(0; \{30, 15^2, 10, 6, 3^5, 2\})$	8840
30	$\mathcal{O}(0; \{30, 15^2, 10, 6^2, 2^6\})$	520
30	$\mathcal{O}(0; \{30, 15^2, 10, 6^2, 3^3, 2^2\})$	4472
30	$\mathcal{O}(0; \{30, 15^2, 10, 6^3, 3, 2^3\})$	2184
30	$\mathcal{O}(0; \{30, 15^2, 10, 6^4, 3^2\})$	8840
30	$\mathcal{O}(0; \{30, 15^2, 10, 6^5, 2\})$	4472
30	$\mathcal{O}(0; \{30, 15^2, 10^2, 5^2, 3, 2^3\})$	19656
30	$\mathcal{O}(0; \{30, 15^2, 10^2, 6, 5^2, 3^2\})$	72072
30	$\mathcal{O}(0; \{30, 15^2, 10^2, 6^2, 5^2, 2\})$	32760
30	$\mathcal{O}(0; \{30, 15^2, 10^4, 5, 3, 2\})$	78648
30	$\mathcal{O}(0; \{30, 15^3, 5, 3^2, 2^5\})$	4488
30	$\mathcal{O}(0; \{30, 15^3, 5, 3^5, 2\})$	34680
30	$\mathcal{O}(0; \{30, 15^3, 6, 5, 2^6\})$	2040
30	$\mathcal{O}(0; \{30, 15^3, 6, 5, 3^3, 2^2\})$	17544
30	$\mathcal{O}(0; \{30, 15^3, 6^2, 5, 3, 2^3\})$	8568
30	$\mathcal{O}(0; \{30, 15^3, 6^3, 5, 3^2\})$	34680
30	$\mathcal{O}(0; \{30, 15^3, 6^4, 5, 2\})$	17544
30	$\mathcal{O}(0; \{30, 15^3, 10, 5^3, 3^2\})$	288376
30	$\mathcal{O}(0; \{30, 15^3, 10, 6, 5^3, 2\})$	131080
30	$\mathcal{O}(0; \{30, 15^3, 10^2, 3^2, 2^3\})$	18040
30	$\mathcal{O}(0; \{30, 15^3, 10^2, 6, 2^4\})$	8200
30	$\mathcal{O}(0; \{30, 15^3, 10^2, 6, 3^3\})$	70520
30	$\mathcal{O}(0; \{30, 15^3, 10^2, 6^2, 3, 2\})$	34440
30	$\mathcal{O}(0; \{30, 15^4, 5^4, 2\})$	524280
30	$\mathcal{O}(0; \{30, 15^4, 10, 5, 2^4\})$	32760
30	$\mathcal{O}(0; \{30, 15^4, 10, 5, 3^3\})$	281736
30	$\mathcal{O}(0; \{30, 15^4, 10, 6, 5, 3, 2\})$	137592
30	$\mathcal{O}(0; \{30, 15^4, 10^3, 2^2\})$	131080
30	$\mathcal{O}(0; \{30, 15^5, 5^2, 3, 2\})$	550536
30	$\mathcal{O}(0; \{30, 15^6, 3^2, 2\})$	556920
30	$\mathcal{O}(0; \{30, 15^6, 6, 2^2\})$	281736
30	$\mathcal{O}(0; \{30, 15^7, 10\})$	4508808
30	$\mathcal{O}(0; \{30^2, 5, 3, 2^{10}\})$	24
30	$\mathcal{O}(0; \{30^2, 5, 3^4, 2^6\})$	264
30	$\mathcal{O}(0; \{30^2, 5, 3^7, 2^2\})$	2040
30	$\mathcal{O}(0; \{30^2, 5^6, 3, 2^2\})$	26216
30	$\mathcal{O}(0; \{30^2, 6, 5, 3^2, 2^7\})$	120
30	$\mathcal{O}(0; \{30^2, 6, 5, 3^5, 2^3\})$	1032
30	$\mathcal{O}(0; \{30^2, 6^2, 5, 2^8\})$	72
30	$\mathcal{O}(0; \{30^2, 6^2, 5, 3^3, 2^4\})$	504

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30^2, 6^2, 5, 3^6\})$	4104
30	$\mathcal{O}(0; \{30^2, 6^2, 5^6\})$	78648
30	$\mathcal{O}(0; \{30^2, 6^3, 5, 3, 2^5\})$	264
30	$\mathcal{O}(0; \{30^2, 6^3, 5, 3^4, 2\})$	2040
30	$\mathcal{O}(0; \{30^2, 6^4, 5, 3^2, 2^2\})$	1032
30	$\mathcal{O}(0; \{30^2, 6^5, 5, 2^3\})$	504
30	$\mathcal{O}(0; \{30^2, 6^6, 5, 3\})$	2040
30	$\mathcal{O}(0; \{30^2, 10, 5^3, 3, 2^5\})$	1640
30	$\mathcal{O}(0; \{30^2, 10, 5^3, 3^4, 2\})$	18040
30	$\mathcal{O}(0; \{30^2, 10, 6, 5^3, 3^2, 2^2\})$	8200
30	$\mathcal{O}(0; \{30^2, 10, 6^2, 5^3, 2^3\})$	4920
30	$\mathcal{O}(0; \{30^2, 10, 6^3, 5^3, 3\})$	18040
30	$\mathcal{O}(0; \{30^2, 10^2, 3, 2^8\})$	104
30	$\mathcal{O}(0; \{30^2, 10^2, 3^4, 2^4\})$	1144
30	$\mathcal{O}(0; \{30^2, 10^2, 3^7\})$	8840
30	$\mathcal{O}(0; \{30^2, 10^2, 5^5, 3\})$	104856
30	$\mathcal{O}(0; \{30^2, 10^2, 6, 3^2, 2^5\})$	520
30	$\mathcal{O}(0; \{30^2, 10^2, 6, 3^5, 2\})$	4472
30	$\mathcal{O}(0; \{30^2, 10^2, 6^2, 2^6\})$	312
30	$\mathcal{O}(0; \{30^2, 10^2, 6^2, 3^3, 2^2\})$	2184
30	$\mathcal{O}(0; \{30^2, 10^2, 6^3, 3, 2^3\})$	1144
30	$\mathcal{O}(0; \{30^2, 10^2, 6^4, 3^2\})$	4472
30	$\mathcal{O}(0; \{30^2, 10^2, 6^5, 2\})$	2184
30	$\mathcal{O}(0; \{30^2, 10^3, 5^2, 3, 2^3\})$	6552
30	$\mathcal{O}(0; \{30^2, 10^3, 6, 5^2, 3^2\})$	32760
30	$\mathcal{O}(0; \{30^2, 10^3, 6^2, 5^2, 2\})$	19656
30	$\mathcal{O}(0; \{30^2, 10^5, 5, 3, 2\})$	26216
30	$\mathcal{O}(0; \{30^2, 15, 5^4, 3^2, 2^2\})$	32760
30	$\mathcal{O}(0; \{30^2, 15, 6, 5^4, 2^3\})$	19656
30	$\mathcal{O}(0; \{30^2, 15, 6^2, 5^4, 3\})$	72072
30	$\mathcal{O}(0; \{30^2, 15, 10, 5, 3^2, 2^5\})$	2040
30	$\mathcal{O}(0; \{30^2, 15, 10, 5, 3^5, 2\})$	17544
30	$\mathcal{O}(0; \{30^2, 15, 10, 6, 5, 2^6\})$	1224
30	$\mathcal{O}(0; \{30^2, 15, 10, 6, 5, 3^3, 2^2\})$	8568
30	$\mathcal{O}(0; \{30^2, 15, 10, 6^2, 5, 3, 2^3\})$	4488
30	$\mathcal{O}(0; \{30^2, 15, 10, 6^3, 5, 3^2\})$	17544
30	$\mathcal{O}(0; \{30^2, 15, 10, 6^4, 5, 2\})$	8568
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 5^3, 3^2\})$	131080
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 6, 5^3, 2\})$	78648
30	$\mathcal{O}(0; \{30^2, 15, 10^3, 3^2, 2^3\})$	8200
30	$\mathcal{O}(0; \{30^2, 15, 10^3, 6, 2^4\})$	4920
30	$\mathcal{O}(0; \{30^2, 15, 10^3, 6, 3^3\})$	34440
30	$\mathcal{O}(0; \{30^2, 15, 10^3, 6^2, 3, 2\})$	18040

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30^2, 15^2, 5^2, 2^6\})$	4920
30	$\mathcal{O}(0; \{30^2, 15^2, 5^2, 3^3, 2^2\})$	34440
30	$\mathcal{O}(0; \{30^2, 15^2, 6, 5^2, 3, 2^3\})$	18040
30	$\mathcal{O}(0; \{30^2, 15^2, 6^2, 5^2, 3^2\})$	70520
30	$\mathcal{O}(0; \{30^2, 15^2, 6^3, 5^2, 2\})$	34440
30	$\mathcal{O}(0; \{30^2, 15^2, 10, 5^4, 2\})$	314568
30	$\mathcal{O}(0; \{30^2, 15^2, 10^2, 5, 2^4\})$	19656
30	$\mathcal{O}(0; \{30^2, 15^2, 10^2, 5, 3^3\})$	137592
30	$\mathcal{O}(0; \{30^2, 15^2, 10^2, 6, 5, 3, 2\})$	72072
30	$\mathcal{O}(0; \{30^2, 15^2, 10^4, 2^2\})$	78648
30	$\mathcal{O}(0; \{30^2, 15^3, 3, 2^6\})$	4488
30	$\mathcal{O}(0; \{30^2, 15^3, 3^4, 2^2\})$	34680
30	$\mathcal{O}(0; \{30^2, 15^3, 6, 3^2, 2^3\})$	17544
30	$\mathcal{O}(0; \{30^2, 15^3, 6^2, 2^4\})$	8568
30	$\mathcal{O}(0; \{30^2, 15^3, 6^2, 3^3\})$	69768
30	$\mathcal{O}(0; \{30^2, 15^3, 6^3, 3, 2\})$	34680
30	$\mathcal{O}(0; \{30^2, 15^3, 10, 5^2, 3, 2\})$	288376
30	$\mathcal{O}(0; \{30^2, 15^4, 10, 3^2, 2\})$	281736
30	$\mathcal{O}(0; \{30^2, 15^4, 10, 6, 2^2\})$	137592
30	$\mathcal{O}(0; \{30^2, 15^5, 5, 2^2\})$	550536
30	$\mathcal{O}(0; \{30^2, 15^5, 10^2\})$	2201976
30	$\mathcal{O}(0; \{30^3, 2^{11}\})$	24
30	$\mathcal{O}(0; \{30^3, 3^3, 2^7\})$	264
30	$\mathcal{O}(0; \{30^3, 3^6, 2^3\})$	2040
30	$\mathcal{O}(0; \{30^3, 5^5, 2^3\})$	26216
30	$\mathcal{O}(0; \{30^3, 6, 3, 2^8\})$	120
30	$\mathcal{O}(0; \{30^3, 6, 3^4, 2^4\})$	1032
30	$\mathcal{O}(0; \{30^3, 6, 3^7\})$	8184
30	$\mathcal{O}(0; \{30^3, 6, 5^5, 3\})$	131080
30	$\mathcal{O}(0; \{30^3, 6^2, 3^2, 2^5\})$	504
30	$\mathcal{O}(0; \{30^3, 6^2, 3^5, 2\})$	4104
30	$\mathcal{O}(0; \{30^3, 6^3, 2^6\})$	264
30	$\mathcal{O}(0; \{30^3, 6^3, 3^3, 2^2\})$	2040
30	$\mathcal{O}(0; \{30^3, 6^4, 3, 2^3\})$	1032
30	$\mathcal{O}(0; \{30^3, 6^5, 3^2\})$	4104
30	$\mathcal{O}(0; \{30^3, 6^6, 2\})$	2040
30	$\mathcal{O}(0; \{30^3, 10, 5^2, 2^6\})$	1640
30	$\mathcal{O}(0; \{30^3, 10, 5^2, 3^3, 2^2\})$	18040
30	$\mathcal{O}(0; \{30^3, 10, 6, 5^2, 3, 2^3\})$	8200
30	$\mathcal{O}(0; \{30^3, 10, 6^2, 5^2, 3^2\})$	34440
30	$\mathcal{O}(0; \{30^3, 10, 6^3, 5^2, 2\})$	18040
30	$\mathcal{O}(0; \{30^3, 10^2, 5^4, 2\})$	104856
30	$\mathcal{O}(0; \{30^3, 10^3, 5, 2^4\})$	6552

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30^3, 10^3, 5, 3^3\})$	72072
30	$\mathcal{O}(0; \{30^3, 10^3, 6, 5, 3, 2\})$	32760
30	$\mathcal{O}(0; \{30^3, 10^5, 2^2\})$	26216
30	$\mathcal{O}(0; \{30^3, 15, 5^3, 3, 2^3\})$	32760
30	$\mathcal{O}(0; \{30^3, 15, 6, 5^3, 3^2\})$	137592
30	$\mathcal{O}(0; \{30^3, 15, 6^2, 5^3, 2\})$	72072
30	$\mathcal{O}(0; \{30^3, 15, 10, 3, 2^6\})$	2040
30	$\mathcal{O}(0; \{30^3, 15, 10, 3^4, 2^2\})$	17544
30	$\mathcal{O}(0; \{30^3, 15, 10, 6, 3^2, 2^3\})$	8568
30	$\mathcal{O}(0; \{30^3, 15, 10, 6^2, 2^4\})$	4488
30	$\mathcal{O}(0; \{30^3, 15, 10, 6^2, 3^3\})$	34680
30	$\mathcal{O}(0; \{30^3, 15, 10, 6^3, 3, 2\})$	17544
30	$\mathcal{O}(0; \{30^3, 15, 10^2, 5^2, 3, 2\})$	131080
30	$\mathcal{O}(0; \{30^3, 15^2, 5, 3^2, 2^3\})$	34440
30	$\mathcal{O}(0; \{30^3, 15^2, 6, 5, 2^4\})$	18040
30	$\mathcal{O}(0; \{30^3, 15^2, 6, 5, 3^3\})$	139400
30	$\mathcal{O}(0; \{30^3, 15^2, 6^2, 5, 3, 2\})$	70520
30	$\mathcal{O}(0; \{30^3, 15^2, 10^2, 3^2, 2\})$	137592
30	$\mathcal{O}(0; \{30^3, 15^2, 10^2, 6, 2^2\})$	72072
30	$\mathcal{O}(0; \{30^3, 15^3, 10, 5, 2^2\})$	288376
30	$\mathcal{O}(0; \{30^3, 15^3, 10^3\})$	1153416
30	$\mathcal{O}(0; \{30^3, 15^5, 6\})$	2228360
30	$\mathcal{O}(0; \{30^4, 5^4, 3^2\})$	288376
30	$\mathcal{O}(0; \{30^4, 6, 5^4, 2\})$	131080
30	$\mathcal{O}(0; \{30^4, 10, 5, 3^2, 2^3\})$	18040
30	$\mathcal{O}(0; \{30^4, 10, 6, 5, 2^4\})$	8200
30	$\mathcal{O}(0; \{30^4, 10, 6, 5, 3^3\})$	70520
30	$\mathcal{O}(0; \{30^4, 10, 6^2, 5, 3, 2\})$	34440
30	$\mathcal{O}(0; \{30^4, 10^3, 3^2, 2\})$	72072
30	$\mathcal{O}(0; \{30^4, 10^3, 6, 2^2\})$	32760
30	$\mathcal{O}(0; \{30^4, 15, 5^2, 2^4\})$	32760
30	$\mathcal{O}(0; \{30^4, 15, 5^2, 3^3\})$	281736
30	$\mathcal{O}(0; \{30^4, 15, 6, 5^2, 3, 2\})$	137592
30	$\mathcal{O}(0; \{30^4, 15, 10^2, 5, 2^2\})$	131080
30	$\mathcal{O}(0; \{30^4, 15, 10^4\})$	524280
30	$\mathcal{O}(0; \{30^4, 15^2, 3, 2^4\})$	34440
30	$\mathcal{O}(0; \{30^4, 15^2, 3^4\})$	280440
30	$\mathcal{O}(0; \{30^4, 15^2, 6, 3^2, 2\})$	139400
30	$\mathcal{O}(0; \{30^4, 15^2, 6^2, 2^2\})$	70520
30	$\mathcal{O}(0; \{30^4, 15^3, 10, 6\})$	1127288
30	$\mathcal{O}(0; \{30^4, 15^4, 5\})$	4508808
30	$\mathcal{O}(0; \{30^5, 5^3, 3, 2\})$	288376
30	$\mathcal{O}(0; \{30^5, 10, 3, 2^4\})$	18040

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30^5, 10, 3^4\})$	139400
30	$\mathcal{O}(0; \{30^5, 10, 6, 3^2, 2\})$	70520
30	$\mathcal{O}(0; \{30^5, 10, 6^2, 2^2\})$	34440
30	$\mathcal{O}(0; \{30^5, 15, 5, 3^2, 2\})$	281736
30	$\mathcal{O}(0; \{30^5, 15, 6, 5, 2^2\})$	137592
30	$\mathcal{O}(0; \{30^5, 15, 10^2, 6\})$	550536
30	$\mathcal{O}(0; \{30^5, 15^2, 10, 5\})$	2201976
30	$\mathcal{O}(0; \{30^6, 5^2, 2^2\})$	288376
30	$\mathcal{O}(0; \{30^6, 10^2, 5\})$	1153416
30	$\mathcal{O}(0; \{30^6, 15, 3, 2^2\})$	281736
30	$\mathcal{O}(0; \{30^6, 15, 6^2\})$	556920
30	$\mathcal{O}(0; \{30^7, 6, 5\})$	1127288
30	$\mathcal{O}(0; \{30^8, 3\})$	2228360
32	$\mathcal{O}(4; \emptyset)$	1095216660480
32	$\mathcal{O}(3; \{2^4\})$	1056964608
32	$\mathcal{O}(3; \{4^2, 2\})$	2113929216
32	$\mathcal{O}(2; \{2^8\})$	983040
32	$\mathcal{O}(2; \{4^2, 2^5\})$	1966080
32	$\mathcal{O}(2; \{4^4, 2^2\})$	7864320
32	$\mathcal{O}(2; \{8^2, 4, 2^3\})$	7864320
32	$\mathcal{O}(2; \{8^2, 4^3\})$	31457280
32	$\mathcal{O}(2; \{8^4, 2\})$	62914560
32	$\mathcal{O}(2; \{16^2, 8, 4, 2\})$	62914560
32	$\mathcal{O}(1; \{2^{12}\})$	768
32	$\mathcal{O}(1; \{4^2, 2^9\})$	1536
32	$\mathcal{O}(1; \{4^4, 2^6\})$	6144
32	$\mathcal{O}(1; \{4^6, 2^3\})$	24576
32	$\mathcal{O}(1; \{4^8\})$	98304
32	$\mathcal{O}(1; \{8^2, 4, 2^7\})$	6144
32	$\mathcal{O}(1; \{8^2, 4^3, 2^4\})$	24576
32	$\mathcal{O}(1; \{8^2, 4^5, 2\})$	98304
32	$\mathcal{O}(1; \{8^4, 2^5\})$	49152
32	$\mathcal{O}(1; \{8^4, 4^2, 2^2\})$	196608
32	$\mathcal{O}(1; \{8^6, 4\})$	1572864
32	$\mathcal{O}(1; \{16^2, 8, 4, 2^5\})$	49152
32	$\mathcal{O}(1; \{16^2, 8, 4^3, 2^2\})$	196608
32	$\mathcal{O}(1; \{16^2, 8^3, 2^3\})$	393216
32	$\mathcal{O}(1; \{16^2, 8^3, 4^2\})$	1572864
32	$\mathcal{O}(1; \{16^4, 4, 2^3\})$	786432
32	$\mathcal{O}(1; \{16^4, 4^3\})$	3145728
32	$\mathcal{O}(1; \{16^4, 8^2, 2\})$	6291456
32	$\mathcal{O}(1; \{32^2, 16, 8, 4, 2^3\})$	1048576
32	$\mathcal{O}(1; \{32^2, 16, 8, 4^3\})$	4194304

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
32	$\mathcal{O}(1; \{32^2, 16, 8^3, 2\})$	8388608
32	$\mathcal{O}(1; \{32^2, 16^3, 4, 2\})$	16777216
32	$\mathcal{O}(1; \{32^4, 8, 4, 2\})$	33554432
32	$\mathcal{O}(0; \{32^2, 16, 8, 4, 2^7\})$	1024
32	$\mathcal{O}(0; \{32^2, 16, 8, 4^3, 2^4\})$	4096
32	$\mathcal{O}(0; \{32^2, 16, 8, 4^5, 2\})$	16384
32	$\mathcal{O}(0; \{32^2, 16, 8^3, 2^5\})$	8192
32	$\mathcal{O}(0; \{32^2, 16, 8^3, 4^2, 2^2\})$	32768
32	$\mathcal{O}(0; \{32^2, 16, 8^5, 4\})$	262144
32	$\mathcal{O}(0; \{32^2, 16^3, 4, 2^5\})$	16384
32	$\mathcal{O}(0; \{32^2, 16^3, 4^3, 2^2\})$	65536
32	$\mathcal{O}(0; \{32^2, 16^3, 8^2, 2^3\})$	131072
32	$\mathcal{O}(0; \{32^2, 16^3, 8^2, 4^2\})$	524288
32	$\mathcal{O}(0; \{32^2, 16^5, 8, 2\})$	2097152
32	$\mathcal{O}(0; \{32^4, 8, 4, 2^5\})$	32768
32	$\mathcal{O}(0; \{32^4, 8, 4^3, 2^2\})$	131072
32	$\mathcal{O}(0; \{32^4, 8^3, 2^3\})$	262144
32	$\mathcal{O}(0; \{32^4, 8^3, 4^2\})$	1048576
32	$\mathcal{O}(0; \{32^4, 16^2, 4, 2^3\})$	524288
32	$\mathcal{O}(0; \{32^4, 16^2, 4^3\})$	2097152
32	$\mathcal{O}(0; \{32^4, 16^2, 8^2, 2\})$	4194304
32	$\mathcal{O}(0; \{32^6, 16, 4, 2\})$	16777216
33	$\mathcal{O}(3; \{11^2\})$	12896964080
33	$\mathcal{O}(2; \{11^2, 3^3\})$	23718420
33	$\mathcal{O}(2; \{33^3, 11\})$	2158376220
33	$\mathcal{O}(1; \{11^2, 3^6\})$	239580
33	$\mathcal{O}(1; \{33^3, 11, 3^3\})$	21801780
33	$\mathcal{O}(1; \{33^6\})$	2178021780
33	$\mathcal{O}(0; \{11^2, 3^9\})$	1700
33	$\mathcal{O}(0; \{33^2, 11^5, 3^2\})$	5454540
33	$\mathcal{O}(0; \{33^3, 11, 3^6\})$	154700
33	$\mathcal{O}(0; \{33^6, 3^3\})$	15454700
34	$\mathcal{O}(1; \{17^6\})$	855638832
34	$\mathcal{O}(0; \{17^6, 2^4\})$	986896
34	$\mathcal{O}(0; \{34^2, 17^5, 2^2\})$	15790320
34	$\mathcal{O}(0; \{34^4, 17^4\})$	252645136
35	$\mathcal{O}(2; \{35, 7^2, 5\})$	180075000
35	$\mathcal{O}(1; \{35^3, 7^3\})$	97990200
35	$\mathcal{O}(1; \{35^4, 5^2\})$	186837000
35	$\mathcal{O}(0; \{7^5, 5^4\})$	57720
35	$\mathcal{O}(0; \{35, 7^2, 5^6\})$	98280
35	$\mathcal{O}(0; \{35^6, 7, 5\})$	131007240
36	$\mathcal{O}(3; \{3^2\})$	4279661568

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(2; \{3^2, 2^4\})$	3110400
36	$\mathcal{O}(2; \{3^5\})$	15552000
36	$\mathcal{O}(2; \{4^2, 3^2, 2\})$	6635520
36	$\mathcal{O}(2; \{6, 3^3, 2\})$	9331200
36	$\mathcal{O}(2; \{6^2, 3, 2^2\})$	3110400
36	$\mathcal{O}(2; \{6^4\})$	9331200
36	$\mathcal{O}(2; \{9^3, 3\})$	56687040
36	$\mathcal{O}(2; \{12, 4, 3, 2^2\})$	6635520
36	$\mathcal{O}(2; \{12, 6^2, 4\})$	6635520
36	$\mathcal{O}(2; \{12^2, 2^3\})$	6635520
36	$\mathcal{O}(2; \{12^2, 4^2\})$	26542080
36	$\mathcal{O}(2; \{12^2, 6, 3\})$	19906560
36	$\mathcal{O}(2; \{18, 9, 2^3\})$	9447840
36	$\mathcal{O}(2; \{18, 9, 4^2\})$	20155392
36	$\mathcal{O}(2; \{18, 9, 6, 3\})$	37791360
36	$\mathcal{O}(2; \{18^3, 2\})$	28343520
36	$\mathcal{O}(2; \{36, 18, 4, 3\})$	40310784
36	$\mathcal{O}(2; \{36, 18, 12, 2\})$	40310784
36	$\mathcal{O}(2; \{36^2, 9, 2\})$	60466176
36	$\mathcal{O}(1; \{3^2, 2^8\})$	1728
36	$\mathcal{O}(1; \{3^5, 2^4\})$	8640
36	$\mathcal{O}(1; \{3^8\})$	74304
36	$\mathcal{O}(1; \{4^2, 3^2, 2^5\})$	4608
36	$\mathcal{O}(1; \{4^2, 3^5, 2\})$	23040
36	$\mathcal{O}(1; \{4^4, 3^2, 2^2\})$	18432
36	$\mathcal{O}(1; \{6, 3^3, 2^5\})$	5184
36	$\mathcal{O}(1; \{6, 3^6, 2\})$	36288
36	$\mathcal{O}(1; \{6, 4^2, 3^3, 2^2\})$	13824
36	$\mathcal{O}(1; \{6^2, 3, 2^6\})$	1728
36	$\mathcal{O}(1; \{6^2, 3^4, 2^2\})$	19008
36	$\mathcal{O}(1; \{6^2, 4^2, 3, 2^3\})$	4608
36	$\mathcal{O}(1; \{6^2, 4^4, 3\})$	18432
36	$\mathcal{O}(1; \{6^3, 3^2, 2^3\})$	8640
36	$\mathcal{O}(1; \{6^3, 4^2, 3^2\})$	23040
36	$\mathcal{O}(1; \{6^4, 2^4\})$	5184
36	$\mathcal{O}(1; \{6^4, 3^3\})$	36288
36	$\mathcal{O}(1; \{6^4, 4^2, 2\})$	13824
36	$\mathcal{O}(1; \{6^5, 3, 2\})$	19008
36	$\mathcal{O}(1; \{9^3, 3, 2^4\})$	34992
36	$\mathcal{O}(1; \{9^3, 3^4\})$	279936
36	$\mathcal{O}(1; \{9^3, 4^2, 3, 2\})$	93312
36	$\mathcal{O}(1; \{9^3, 6, 3^2, 2\})$	139968
36	$\mathcal{O}(1; \{9^3, 6^2, 2^2\})$	69984

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(1; \{9^6\})$	5196312
36	$\mathcal{O}(1; \{12, 4, 3, 2^6\})$	4608
36	$\mathcal{O}(1; \{12, 4, 3^4, 2^2\})$	23040
36	$\mathcal{O}(1; \{12, 4^3, 3, 2^3\})$	18432
36	$\mathcal{O}(1; \{12, 4^5, 3\})$	73728
36	$\mathcal{O}(1; \{12, 6, 4, 3^2, 2^3\})$	13824
36	$\mathcal{O}(1; \{12, 6, 4^3, 3^2\})$	55296
36	$\mathcal{O}(1; \{12, 6^2, 4, 2^4\})$	4608
36	$\mathcal{O}(1; \{12, 6^2, 4, 3^3\})$	50688
36	$\mathcal{O}(1; \{12, 6^2, 4^3, 2\})$	18432
36	$\mathcal{O}(1; \{12, 6^3, 4, 3, 2\})$	23040
36	$\mathcal{O}(1; \{12, 9^3, 4, 2^2\})$	93312
36	$\mathcal{O}(1; \{12^2, 2^7\})$	4608
36	$\mathcal{O}(1; \{12^2, 3^3, 2^3\})$	23040
36	$\mathcal{O}(1; \{12^2, 4^2, 2^4\})$	18432
36	$\mathcal{O}(1; \{12^2, 4^2, 3^3\})$	92160
36	$\mathcal{O}(1; \{12^2, 4^4, 2\})$	73728
36	$\mathcal{O}(1; \{12^2, 6, 3, 2^4\})$	13824
36	$\mathcal{O}(1; \{12^2, 6, 3^4\})$	96768
36	$\mathcal{O}(1; \{12^2, 6, 4^2, 3, 2\})$	55296
36	$\mathcal{O}(1; \{12^2, 6^2, 3^2, 2\})$	50688
36	$\mathcal{O}(1; \{12^2, 6^3, 2^2\})$	23040
36	$\mathcal{O}(1; \{12^2, 9^3, 6\})$	373248
36	$\mathcal{O}(1; \{12^3, 4, 3^2, 2\})$	92160
36	$\mathcal{O}(1; \{12^3, 6, 4, 2^2\})$	55296
36	$\mathcal{O}(1; \{12^4, 3, 2^2\})$	92160
36	$\mathcal{O}(1; \{12^4, 6^2\})$	202752
36	$\mathcal{O}(1; \{12^5, 4\})$	368640
36	$\mathcal{O}(1; \{18, 9, 2^7\})$	5832
36	$\mathcal{O}(1; \{18, 9, 3^3, 2^3\})$	46656
36	$\mathcal{O}(1; \{18, 9, 4^2, 2^4\})$	15552
36	$\mathcal{O}(1; \{18, 9, 4^2, 3^3\})$	124416
36	$\mathcal{O}(1; \{18, 9, 4^4, 2\})$	62208
36	$\mathcal{O}(1; \{18, 9, 6, 3, 2^4\})$	23328
36	$\mathcal{O}(1; \{18, 9, 6, 3^4\})$	186624
36	$\mathcal{O}(1; \{18, 9, 6, 4^2, 3, 2\})$	62208
36	$\mathcal{O}(1; \{18, 9, 6^2, 3^2, 2\})$	93312
36	$\mathcal{O}(1; \{18, 9, 6^3, 2^2\})$	46656
36	$\mathcal{O}(1; \{18, 9^4, 6\})$	1574640
36	$\mathcal{O}(1; \{18, 12, 9, 4, 3^2, 2\})$	124416
36	$\mathcal{O}(1; \{18, 12, 9, 6, 4, 2^2\})$	62208
36	$\mathcal{O}(1; \{18, 12^2, 9, 3, 2^2\})$	124416
36	$\mathcal{O}(1; \{18, 12^2, 9, 6^2\})$	248832

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(1; \{18, 12^3, 9, 4\})$	497664
36	$\mathcal{O}(1; \{18^2, 9^2, 3, 2^2\})$	314928
36	$\mathcal{O}(1; \{18^2, 9^2, 6^2\})$	629856
36	$\mathcal{O}(1; \{18^2, 12, 9^2, 4\})$	839808
36	$\mathcal{O}(1; \{18^3, 2^5\})$	17496
36	$\mathcal{O}(1; \{18^3, 3^3, 2\})$	139968
36	$\mathcal{O}(1; \{18^3, 4^2, 2^2\})$	46656
36	$\mathcal{O}(1; \{18^3, 6, 3, 2^2\})$	69984
36	$\mathcal{O}(1; \{18^3, 6^3\})$	139968
36	$\mathcal{O}(1; \{18^3, 12, 6, 4\})$	186624
36	$\mathcal{O}(1; \{18^3, 12^2, 3\})$	373248
36	$\mathcal{O}(1; \{18^4, 9, 3\})$	1574640
36	$\mathcal{O}(1; \{36, 9^2, 4, 3^2, 2\})$	186624
36	$\mathcal{O}(1; \{36, 9^2, 6, 4, 2^2\})$	93312
36	$\mathcal{O}(1; \{36, 12, 9^2, 3, 2^2\})$	186624
36	$\mathcal{O}(1; \{36, 12, 9^2, 6^2\})$	373248
36	$\mathcal{O}(1; \{36, 12^2, 9^2, 4\})$	746496
36	$\mathcal{O}(1; \{36, 18, 4, 3, 2^4\})$	31104
36	$\mathcal{O}(1; \{36, 18, 4, 3^4\})$	248832
36	$\mathcal{O}(1; \{36, 18, 4^3, 3, 2\})$	124416
36	$\mathcal{O}(1; \{36, 18, 6, 4, 3^2, 2\})$	124416
36	$\mathcal{O}(1; \{36, 18, 6^2, 4, 2^2\})$	62208
36	$\mathcal{O}(1; \{36, 18, 9^3, 4\})$	2099520
36	$\mathcal{O}(1; \{36, 18, 12, 2^5\})$	31104
36	$\mathcal{O}(1; \{36, 18, 12, 3^3, 2\})$	248832
36	$\mathcal{O}(1; \{36, 18, 12, 4^2, 2^2\})$	124416
36	$\mathcal{O}(1; \{36, 18, 12, 6, 3, 2^2\})$	124416
36	$\mathcal{O}(1; \{36, 18, 12, 6^3\})$	248832
36	$\mathcal{O}(1; \{36, 18, 12^2, 6, 4\})$	497664
36	$\mathcal{O}(1; \{36, 18, 12^3, 3\})$	995328
36	$\mathcal{O}(1; \{36, 18^2, 9, 6, 4\})$	839808
36	$\mathcal{O}(1; \{36, 18^2, 12, 9, 3\})$	1679616
36	$\mathcal{O}(1; \{36^2, 9, 2^5\})$	46656
36	$\mathcal{O}(1; \{36^2, 9, 3^3, 2\})$	373248
36	$\mathcal{O}(1; \{36^2, 9, 4^2, 2^2\})$	186624
36	$\mathcal{O}(1; \{36^2, 9, 6, 3, 2^2\})$	186624
36	$\mathcal{O}(1; \{36^2, 9, 6^3\})$	373248
36	$\mathcal{O}(1; \{36^2, 12, 9, 6, 4\})$	746496
36	$\mathcal{O}(1; \{36^2, 12^2, 9, 3\})$	1492992
36	$\mathcal{O}(1; \{36^2, 18, 9^2, 3\})$	4199040
36	$\mathcal{O}(1; \{36^2, 18^2, 2^3\})$	419904
36	$\mathcal{O}(1; \{36^2, 18^2, 4^2\})$	1679616
36	$\mathcal{O}(1; \{36^2, 18^2, 6, 3\})$	1679616

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(1; \{36^3, 4, 3, 2^2\})$	373248
36	$\mathcal{O}(1; \{36^3, 6^2, 4\})$	746496
36	$\mathcal{O}(1; \{36^3, 12, 2^3\})$	373248
36	$\mathcal{O}(1; \{36^3, 12, 4^2\})$	1492992
36	$\mathcal{O}(1; \{36^3, 12, 6, 3\})$	1492992
36	$\mathcal{O}(1; \{36^4, 18, 2\})$	8398080
36	$\mathcal{O}(0; \{9^3, 4^2, 3, 2^5\})$	72
36	$\mathcal{O}(0; \{9^3, 4^2, 3^4, 2\})$	576
36	$\mathcal{O}(0; \{9^3, 4^4, 3, 2^2\})$	288
36	$\mathcal{O}(0; \{9^3, 6, 4^2, 3^2, 2^2\})$	288
36	$\mathcal{O}(0; \{9^3, 6^2, 4^2, 2^3\})$	144
36	$\mathcal{O}(0; \{9^3, 6^2, 4^4\})$	576
36	$\mathcal{O}(0; \{9^3, 6^3, 4^2, 3\})$	576
36	$\mathcal{O}(0; \{9^6, 4^2, 2\})$	10692
36	$\mathcal{O}(0; \{12, 9^3, 4, 2^6\})$	72
36	$\mathcal{O}(0; \{12, 9^3, 4, 3^3, 2^2\})$	576
36	$\mathcal{O}(0; \{12, 9^3, 4^3, 2^3\})$	288
36	$\mathcal{O}(0; \{12, 9^3, 4^5\})$	1152
36	$\mathcal{O}(0; \{12, 9^3, 6, 4, 3, 2^3\})$	288
36	$\mathcal{O}(0; \{12, 9^3, 6, 4^3, 3\})$	1152
36	$\mathcal{O}(0; \{12, 9^3, 6^2, 4, 3^2\})$	1152
36	$\mathcal{O}(0; \{12, 9^3, 6^3, 4, 2\})$	576
36	$\mathcal{O}(0; \{12^2, 9^3, 3^2, 2^3\})$	576
36	$\mathcal{O}(0; \{12^2, 9^3, 4^2, 3^2\})$	2304
36	$\mathcal{O}(0; \{12^2, 9^3, 6, 2^4\})$	288
36	$\mathcal{O}(0; \{12^2, 9^3, 6, 3^3\})$	2304
36	$\mathcal{O}(0; \{12^2, 9^3, 6, 4^2, 2\})$	1152
36	$\mathcal{O}(0; \{12^2, 9^3, 6^2, 3, 2\})$	1152
36	$\mathcal{O}(0; \{12^3, 9^3, 4, 3, 2\})$	2304
36	$\mathcal{O}(0; \{12^4, 9^3, 2^2\})$	2304
36	$\mathcal{O}(0; \{18, 9, 4^2, 2^8\})$	12
36	$\mathcal{O}(0; \{18, 9, 4^2, 3^3, 2^4\})$	96
36	$\mathcal{O}(0; \{18, 9, 4^2, 3^6\})$	768
36	$\mathcal{O}(0; \{18, 9, 4^4, 2^5\})$	48
36	$\mathcal{O}(0; \{18, 9, 4^4, 3^3, 2\})$	384
36	$\mathcal{O}(0; \{18, 9, 4^6, 2^2\})$	192
36	$\mathcal{O}(0; \{18, 9, 6, 4^2, 3, 2^5\})$	48
36	$\mathcal{O}(0; \{18, 9, 6, 4^2, 3^4, 2\})$	384
36	$\mathcal{O}(0; \{18, 9, 6, 4^4, 3, 2^2\})$	192
36	$\mathcal{O}(0; \{18, 9, 6^2, 4^2, 3^2, 2^2\})$	192
36	$\mathcal{O}(0; \{18, 9, 6^3, 4^2, 2^3\})$	96
36	$\mathcal{O}(0; \{18, 9, 6^3, 4^4\})$	384
36	$\mathcal{O}(0; \{18, 9, 6^4, 4^2, 3\})$	384

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{18, 9^4, 4^2, 3^2\})$	6480
36	$\mathcal{O}(0; \{18, 9^4, 6, 4^2, 2\})$	3240
36	$\mathcal{O}(0; \{18, 12, 9, 4, 3^2, 2^5\})$	96
36	$\mathcal{O}(0; \{18, 12, 9, 4, 3^5, 2\})$	768
36	$\mathcal{O}(0; \{18, 12, 9, 4^3, 3^2, 2^2\})$	384
36	$\mathcal{O}(0; \{18, 12, 9, 6, 4, 2^6\})$	48
36	$\mathcal{O}(0; \{18, 12, 9, 6, 4, 3^3, 2^2\})$	384
36	$\mathcal{O}(0; \{18, 12, 9, 6, 4^3, 2^3\})$	192
36	$\mathcal{O}(0; \{18, 12, 9, 6, 4^5\})$	768
36	$\mathcal{O}(0; \{18, 12, 9, 6^2, 4, 3, 2^3\})$	192
36	$\mathcal{O}(0; \{18, 12, 9, 6^2, 4^3, 3\})$	768
36	$\mathcal{O}(0; \{18, 12, 9, 6^3, 4, 3^2\})$	768
36	$\mathcal{O}(0; \{18, 12, 9, 6^4, 4, 2\})$	384
36	$\mathcal{O}(0; \{18, 12, 9^4, 4, 3, 2\})$	6480
36	$\mathcal{O}(0; \{18, 12^2, 9, 3, 2^6\})$	96
36	$\mathcal{O}(0; \{18, 12^2, 9, 3^4, 2^2\})$	768
36	$\mathcal{O}(0; \{18, 12^2, 9, 4^2, 3, 2^3\})$	384
36	$\mathcal{O}(0; \{18, 12^2, 9, 4^4, 3\})$	1536
36	$\mathcal{O}(0; \{18, 12^2, 9, 6, 3^2, 2^3\})$	384
36	$\mathcal{O}(0; \{18, 12^2, 9, 6, 4^2, 3^2\})$	1536
36	$\mathcal{O}(0; \{18, 12^2, 9, 6^2, 2^4\})$	192
36	$\mathcal{O}(0; \{18, 12^2, 9, 6^2, 3^3\})$	1536
36	$\mathcal{O}(0; \{18, 12^2, 9, 6^2, 4^2, 2\})$	768
36	$\mathcal{O}(0; \{18, 12^2, 9, 6^3, 3, 2\})$	768
36	$\mathcal{O}(0; \{18, 12^2, 9^4, 2^2\})$	6480
36	$\mathcal{O}(0; \{18, 12^3, 9, 4, 2^4\})$	384
36	$\mathcal{O}(0; \{18, 12^3, 9, 4, 3^3\})$	3072
36	$\mathcal{O}(0; \{18, 12^3, 9, 4^3, 2\})$	1536
36	$\mathcal{O}(0; \{18, 12^3, 9, 6, 4, 3, 2\})$	1536
36	$\mathcal{O}(0; \{18, 12^4, 9, 3^2, 2\})$	3072
36	$\mathcal{O}(0; \{18, 12^4, 9, 6, 2^2\})$	1536
36	$\mathcal{O}(0; \{18, 12^6, 9\})$	12288
36	$\mathcal{O}(0; \{18^2, 9^2, 4^2, 3, 2^3\})$	648
36	$\mathcal{O}(0; \{18^2, 9^2, 4^4, 3\})$	2592
36	$\mathcal{O}(0; \{18^2, 9^2, 6, 4^2, 3^2\})$	2592
36	$\mathcal{O}(0; \{18^2, 9^2, 6^2, 4^2, 2\})$	1296
36	$\mathcal{O}(0; \{18^2, 12, 9^2, 4, 2^4\})$	648
36	$\mathcal{O}(0; \{18^2, 12, 9^2, 4, 3^3\})$	5184
36	$\mathcal{O}(0; \{18^2, 12, 9^2, 4^3, 2\})$	2592
36	$\mathcal{O}(0; \{18^2, 12, 9^2, 6, 4, 3, 2\})$	2592
36	$\mathcal{O}(0; \{18^2, 12^2, 9^2, 3^2, 2\})$	5184
36	$\mathcal{O}(0; \{18^2, 12^2, 9^2, 6, 2^2\})$	2592
36	$\mathcal{O}(0; \{18^2, 12^4, 9^2\})$	20736

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{18^3, 4^2, 2^6\})$	36
36	$\mathcal{O}(0; \{18^3, 4^2, 3^3, 2^2\})$	288
36	$\mathcal{O}(0; \{18^3, 4^4, 2^3\})$	144
36	$\mathcal{O}(0; \{18^3, 4^6\})$	576
36	$\mathcal{O}(0; \{18^3, 6, 4^2, 3, 2^3\})$	144
36	$\mathcal{O}(0; \{18^3, 6, 4^4, 3\})$	576
36	$\mathcal{O}(0; \{18^3, 6^2, 4^2, 3^2\})$	576
36	$\mathcal{O}(0; \{18^3, 6^3, 4^2, 2\})$	288
36	$\mathcal{O}(0; \{18^3, 12, 4, 3^2, 2^3\})$	288
36	$\mathcal{O}(0; \{18^3, 12, 4^3, 3^2\})$	1152
36	$\mathcal{O}(0; \{18^3, 12, 6, 4, 2^4\})$	144
36	$\mathcal{O}(0; \{18^3, 12, 6, 4, 3^3\})$	1152
36	$\mathcal{O}(0; \{18^3, 12, 6, 4^3, 2\})$	576
36	$\mathcal{O}(0; \{18^3, 12, 6^2, 4, 3, 2\})$	576
36	$\mathcal{O}(0; \{18^3, 12^2, 3, 2^4\})$	288
36	$\mathcal{O}(0; \{18^3, 12^2, 3^4\})$	2304
36	$\mathcal{O}(0; \{18^3, 12^2, 4^2, 3, 2\})$	1152
36	$\mathcal{O}(0; \{18^3, 12^2, 6, 3^2, 2\})$	1152
36	$\mathcal{O}(0; \{18^3, 12^2, 6^2, 2^2\})$	576
36	$\mathcal{O}(0; \{18^3, 12^2, 9^3\})$	42768
36	$\mathcal{O}(0; \{18^3, 12^3, 4, 2^2\})$	1152
36	$\mathcal{O}(0; \{18^3, 12^4, 6\})$	4608
36	$\mathcal{O}(0; \{18^4, 9, 4^2, 3, 2\})$	3240
36	$\mathcal{O}(0; \{18^4, 12, 9, 4, 2^2\})$	3240
36	$\mathcal{O}(0; \{18^4, 12^2, 9, 6\})$	12960
36	$\mathcal{O}(0; \{18^6, 12, 4\})$	21384
36	$\mathcal{O}(0; \{36, 9^2, 4, 3^2, 2^5\})$	144
36	$\mathcal{O}(0; \{36, 9^2, 4, 3^5, 2\})$	1152
36	$\mathcal{O}(0; \{36, 9^2, 4^3, 3^2, 2^2\})$	576
36	$\mathcal{O}(0; \{36, 9^2, 6, 4, 2^6\})$	72
36	$\mathcal{O}(0; \{36, 9^2, 6, 4, 3^3, 2^2\})$	576
36	$\mathcal{O}(0; \{36, 9^2, 6, 4^3, 2^3\})$	288
36	$\mathcal{O}(0; \{36, 9^2, 6, 4^5\})$	1152
36	$\mathcal{O}(0; \{36, 9^2, 6^2, 4, 3, 2^3\})$	288
36	$\mathcal{O}(0; \{36, 9^2, 6^2, 4^3, 3\})$	1152
36	$\mathcal{O}(0; \{36, 9^2, 6^3, 4, 3^2\})$	1152
36	$\mathcal{O}(0; \{36, 9^2, 6^4, 4, 2\})$	576
36	$\mathcal{O}(0; \{36, 9^5, 4, 3, 2\})$	21384
36	$\mathcal{O}(0; \{36, 12, 9^2, 3, 2^6\})$	144
36	$\mathcal{O}(0; \{36, 12, 9^2, 3^4, 2^2\})$	1152
36	$\mathcal{O}(0; \{36, 12, 9^2, 4^2, 3, 2^3\})$	576
36	$\mathcal{O}(0; \{36, 12, 9^2, 4^4, 3\})$	2304
36	$\mathcal{O}(0; \{36, 12, 9^2, 6, 3^2, 2^3\})$	576

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36, 12, 9^2, 6, 4^2, 3^2\})$	2304
36	$\mathcal{O}(0; \{36, 12, 9^2, 6^2, 2^4\})$	288
36	$\mathcal{O}(0; \{36, 12, 9^2, 6^2, 3^3\})$	2304
36	$\mathcal{O}(0; \{36, 12, 9^2, 6^2, 4^2, 2\})$	1152
36	$\mathcal{O}(0; \{36, 12, 9^2, 6^3, 3, 2\})$	1152
36	$\mathcal{O}(0; \{36, 12, 9^5, 2^2\})$	21384
36	$\mathcal{O}(0; \{36, 12^2, 9^2, 4, 2^4\})$	576
36	$\mathcal{O}(0; \{36, 12^2, 9^2, 4, 3^3\})$	4608
36	$\mathcal{O}(0; \{36, 12^2, 9^2, 4^3, 2\})$	2304
36	$\mathcal{O}(0; \{36, 12^2, 9^2, 6, 4, 3, 2\})$	2304
36	$\mathcal{O}(0; \{36, 12^3, 9^2, 3^2, 2\})$	4608
36	$\mathcal{O}(0; \{36, 12^3, 9^2, 6, 2^2\})$	2304
36	$\mathcal{O}(0; \{36, 12^5, 9^2\})$	18432
36	$\mathcal{O}(0; \{36, 18, 4, 3, 2^8\})$	24
36	$\mathcal{O}(0; \{36, 18, 4, 3^4, 2^4\})$	192
36	$\mathcal{O}(0; \{36, 18, 4, 3^7\})$	1536
36	$\mathcal{O}(0; \{36, 18, 4^3, 3, 2^5\})$	96
36	$\mathcal{O}(0; \{36, 18, 4^3, 3^4, 2\})$	768
36	$\mathcal{O}(0; \{36, 18, 4^5, 3, 2^2\})$	384
36	$\mathcal{O}(0; \{36, 18, 6, 4, 3^2, 2^5\})$	96
36	$\mathcal{O}(0; \{36, 18, 6, 4, 3^5, 2\})$	768
36	$\mathcal{O}(0; \{36, 18, 6, 4^3, 3^2, 2^2\})$	384
36	$\mathcal{O}(0; \{36, 18, 6^2, 4, 2^6\})$	48
36	$\mathcal{O}(0; \{36, 18, 6^2, 4, 3^3, 2^2\})$	384
36	$\mathcal{O}(0; \{36, 18, 6^2, 4^3, 2^3\})$	192
36	$\mathcal{O}(0; \{36, 18, 6^2, 4^5\})$	768
36	$\mathcal{O}(0; \{36, 18, 6^3, 4, 3, 2^3\})$	192
36	$\mathcal{O}(0; \{36, 18, 6^3, 4^3, 3\})$	768
36	$\mathcal{O}(0; \{36, 18, 6^4, 4, 3^2\})$	768
36	$\mathcal{O}(0; \{36, 18, 6^5, 4, 2\})$	384
36	$\mathcal{O}(0; \{36, 18, 9^3, 4, 2^4\})$	1620
36	$\mathcal{O}(0; \{36, 18, 9^3, 4, 3^3\})$	12960
36	$\mathcal{O}(0; \{36, 18, 9^3, 4^3, 2\})$	6480
36	$\mathcal{O}(0; \{36, 18, 9^3, 6, 4, 3, 2\})$	6480
36	$\mathcal{O}(0; \{36, 18, 12, 2^9\})$	24
36	$\mathcal{O}(0; \{36, 18, 12, 3^3, 2^5\})$	192
36	$\mathcal{O}(0; \{36, 18, 12, 3^6, 2\})$	1536
36	$\mathcal{O}(0; \{36, 18, 12, 4^2, 2^6\})$	96
36	$\mathcal{O}(0; \{36, 18, 12, 4^2, 3^3, 2^2\})$	768
36	$\mathcal{O}(0; \{36, 18, 12, 4^4, 2^3\})$	384
36	$\mathcal{O}(0; \{36, 18, 12, 4^6\})$	1536
36	$\mathcal{O}(0; \{36, 18, 12, 6, 3, 2^6\})$	96
36	$\mathcal{O}(0; \{36, 18, 12, 6, 3^4, 2^2\})$	768

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36, 18, 12, 6, 4^2, 3, 2^3\})$	384
36	$\mathcal{O}(0; \{36, 18, 12, 6, 4^4, 3\})$	1536
36	$\mathcal{O}(0; \{36, 18, 12, 6^2, 3^2, 2^3\})$	384
36	$\mathcal{O}(0; \{36, 18, 12, 6^2, 4^2, 3^2\})$	1536
36	$\mathcal{O}(0; \{36, 18, 12, 6^3, 2^4\})$	192
36	$\mathcal{O}(0; \{36, 18, 12, 6^3, 3^3\})$	1536
36	$\mathcal{O}(0; \{36, 18, 12, 6^3, 4^2, 2\})$	768
36	$\mathcal{O}(0; \{36, 18, 12, 6^4, 3, 2\})$	768
36	$\mathcal{O}(0; \{36, 18, 12, 9^3, 3^2, 2\})$	12960
36	$\mathcal{O}(0; \{36, 18, 12, 9^3, 6, 2^2\})$	6480
36	$\mathcal{O}(0; \{36, 18, 12^2, 4, 3^2, 2^3\})$	768
36	$\mathcal{O}(0; \{36, 18, 12^2, 4^3, 3^2\})$	3072
36	$\mathcal{O}(0; \{36, 18, 12^2, 6, 4, 2^4\})$	384
36	$\mathcal{O}(0; \{36, 18, 12^2, 6, 4, 3^3\})$	3072
36	$\mathcal{O}(0; \{36, 18, 12^2, 6, 4^3, 2\})$	1536
36	$\mathcal{O}(0; \{36, 18, 12^2, 6^2, 4, 3, 2\})$	1536
36	$\mathcal{O}(0; \{36, 18, 12^3, 3, 2^4\})$	768
36	$\mathcal{O}(0; \{36, 18, 12^3, 3^4\})$	6144
36	$\mathcal{O}(0; \{36, 18, 12^3, 4^2, 3, 2\})$	3072
36	$\mathcal{O}(0; \{36, 18, 12^3, 6, 3^2, 2\})$	3072
36	$\mathcal{O}(0; \{36, 18, 12^3, 6^2, 2^2\})$	1536
36	$\mathcal{O}(0; \{36, 18, 12^3, 9^3\})$	51840
36	$\mathcal{O}(0; \{36, 18, 12^4, 4, 2^2\})$	3072
36	$\mathcal{O}(0; \{36, 18, 12^5, 6\})$	12288
36	$\mathcal{O}(0; \{36, 18^2, 9, 4, 3^2, 2^3\})$	1296
36	$\mathcal{O}(0; \{36, 18^2, 9, 4^3, 3^2\})$	5184
36	$\mathcal{O}(0; \{36, 18^2, 9, 6, 4, 2^4\})$	648
36	$\mathcal{O}(0; \{36, 18^2, 9, 6, 4, 3^3\})$	5184
36	$\mathcal{O}(0; \{36, 18^2, 9, 6, 4^3, 2\})$	2592
36	$\mathcal{O}(0; \{36, 18^2, 9, 6^2, 4, 3, 2\})$	2592
36	$\mathcal{O}(0; \{36, 18^2, 12, 9, 3, 2^4\})$	1296
36	$\mathcal{O}(0; \{36, 18^2, 12, 9, 3^4\})$	10368
36	$\mathcal{O}(0; \{36, 18^2, 12, 9, 4^2, 3, 2\})$	5184
36	$\mathcal{O}(0; \{36, 18^2, 12, 9, 6, 3^2, 2\})$	5184
36	$\mathcal{O}(0; \{36, 18^2, 12, 9, 6^2, 2^2\})$	2592
36	$\mathcal{O}(0; \{36, 18^2, 12, 9^4\})$	122472
36	$\mathcal{O}(0; \{36, 18^2, 12^2, 9, 4, 2^2\})$	5184
36	$\mathcal{O}(0; \{36, 18^2, 12^3, 9, 6\})$	20736
36	$\mathcal{O}(0; \{36, 18^3, 9^2, 4, 2^2\})$	10692
36	$\mathcal{O}(0; \{36, 18^3, 12, 9^2, 6\})$	42768
36	$\mathcal{O}(0; \{36, 18^4, 4, 3^2, 2\})$	6480
36	$\mathcal{O}(0; \{36, 18^4, 6, 4, 2^2\})$	3240
36	$\mathcal{O}(0; \{36, 18^4, 12, 3, 2^2\})$	6480

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36, 18^4, 12, 6^2\})$	12960
36	$\mathcal{O}(0; \{36, 18^4, 12^2, 4\})$	25920
36	$\mathcal{O}(0; \{36, 18^5, 9, 4\})$	61236
36	$\mathcal{O}(0; \{36^2, 9, 2^9\})$	36
36	$\mathcal{O}(0; \{36^2, 9, 3^3, 2^5\})$	288
36	$\mathcal{O}(0; \{36^2, 9, 3^6, 2\})$	2304
36	$\mathcal{O}(0; \{36^2, 9, 4^2, 2^6\})$	144
36	$\mathcal{O}(0; \{36^2, 9, 4^2, 3^3, 2^2\})$	1152
36	$\mathcal{O}(0; \{36^2, 9, 4^4, 2^3\})$	576
36	$\mathcal{O}(0; \{36^2, 9, 4^6\})$	2304
36	$\mathcal{O}(0; \{36^2, 9, 6, 3, 2^6\})$	144
36	$\mathcal{O}(0; \{36^2, 9, 6, 3^4, 2^2\})$	1152
36	$\mathcal{O}(0; \{36^2, 9, 6, 4^2, 3, 2^3\})$	576
36	$\mathcal{O}(0; \{36^2, 9, 6, 4^4, 3\})$	2304
36	$\mathcal{O}(0; \{36^2, 9, 6^2, 3^2, 2^3\})$	576
36	$\mathcal{O}(0; \{36^2, 9, 6^2, 4^2, 3^2\})$	2304
36	$\mathcal{O}(0; \{36^2, 9, 6^3, 2^4\})$	288
36	$\mathcal{O}(0; \{36^2, 9, 6^3, 3^3\})$	2304
36	$\mathcal{O}(0; \{36^2, 9, 6^3, 4^2, 2\})$	1152
36	$\mathcal{O}(0; \{36^2, 9, 6^4, 3, 2\})$	1152
36	$\mathcal{O}(0; \{36^2, 9^4, 3^2, 2\})$	42768
36	$\mathcal{O}(0; \{36^2, 9^4, 6, 2^2\})$	21384
36	$\mathcal{O}(0; \{36^2, 12, 9, 4, 3^2, 2^3\})$	1152
36	$\mathcal{O}(0; \{36^2, 12, 9, 4^3, 3^2\})$	4608
36	$\mathcal{O}(0; \{36^2, 12, 9, 6, 4, 2^4\})$	576
36	$\mathcal{O}(0; \{36^2, 12, 9, 6, 4, 3^3\})$	4608
36	$\mathcal{O}(0; \{36^2, 12, 9, 6, 4^3, 2\})$	2304
36	$\mathcal{O}(0; \{36^2, 12, 9, 6^2, 4, 3, 2\})$	2304
36	$\mathcal{O}(0; \{36^2, 12^2, 9, 3, 2^4\})$	1152
36	$\mathcal{O}(0; \{36^2, 12^2, 9, 3^4\})$	9216
36	$\mathcal{O}(0; \{36^2, 12^2, 9, 4^2, 3, 2\})$	4608
36	$\mathcal{O}(0; \{36^2, 12^2, 9, 6, 3^2, 2\})$	4608
36	$\mathcal{O}(0; \{36^2, 12^2, 9, 6^2, 2^2\})$	2304
36	$\mathcal{O}(0; \{36^2, 12^2, 9^4\})$	171072
36	$\mathcal{O}(0; \{36^2, 12^3, 9, 4, 2^2\})$	4608
36	$\mathcal{O}(0; \{36^2, 12^4, 9, 6\})$	18432
36	$\mathcal{O}(0; \{36^2, 18, 9^2, 3, 2^4\})$	3240
36	$\mathcal{O}(0; \{36^2, 18, 9^2, 3^4\})$	25920
36	$\mathcal{O}(0; \{36^2, 18, 9^2, 4^2, 3, 2\})$	12960
36	$\mathcal{O}(0; \{36^2, 18, 9^2, 6, 3^2, 2\})$	12960
36	$\mathcal{O}(0; \{36^2, 18, 9^2, 6^2, 2^2\})$	6480
36	$\mathcal{O}(0; \{36^2, 18, 9^5\})$	376164
36	$\mathcal{O}(0; \{36^2, 18, 12, 9^2, 4, 2^2\})$	12960

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36^2, 18, 12^2, 9^2, 6\})$	51840
36	$\mathcal{O}(0; \{36^2, 18^2, 2^7\})$	324
36	$\mathcal{O}(0; \{36^2, 18^2, 3^3, 2^3\})$	2592
36	$\mathcal{O}(0; \{36^2, 18^2, 4^2, 2^4\})$	1296
36	$\mathcal{O}(0; \{36^2, 18^2, 4^2, 3^3\})$	10368
36	$\mathcal{O}(0; \{36^2, 18^2, 4^4, 2\})$	5184
36	$\mathcal{O}(0; \{36^2, 18^2, 6, 3, 2^4\})$	1296
36	$\mathcal{O}(0; \{36^2, 18^2, 6, 3^4\})$	10368
36	$\mathcal{O}(0; \{36^2, 18^2, 6, 4^2, 3, 2\})$	5184
36	$\mathcal{O}(0; \{36^2, 18^2, 6^2, 3^2, 2\})$	5184
36	$\mathcal{O}(0; \{36^2, 18^2, 6^3, 2^2\})$	2592
36	$\mathcal{O}(0; \{36^2, 18^2, 9^3, 6\})$	122472
36	$\mathcal{O}(0; \{36^2, 18^2, 12, 4, 3^2, 2\})$	10368
36	$\mathcal{O}(0; \{36^2, 18^2, 12, 6, 4, 2^2\})$	5184
36	$\mathcal{O}(0; \{36^2, 18^2, 12^2, 3, 2^2\})$	10368
36	$\mathcal{O}(0; \{36^2, 18^2, 12^2, 6^2\})$	20736
36	$\mathcal{O}(0; \{36^2, 18^2, 12^3, 4\})$	41472
36	$\mathcal{O}(0; \{36^2, 18^3, 9, 3, 2^2\})$	21384
36	$\mathcal{O}(0; \{36^2, 18^3, 9, 6^2\})$	42768
36	$\mathcal{O}(0; \{36^2, 18^3, 12, 9, 4\})$	85536
36	$\mathcal{O}(0; \{36^2, 18^5, 3\})$	122472
36	$\mathcal{O}(0; \{36^3, 4, 3, 2^6\})$	288
36	$\mathcal{O}(0; \{36^3, 4, 3^4, 2^2\})$	2304
36	$\mathcal{O}(0; \{36^3, 4^3, 3, 2^3\})$	1152
36	$\mathcal{O}(0; \{36^3, 4^5, 3\})$	4608
36	$\mathcal{O}(0; \{36^3, 6, 4, 3^2, 2^3\})$	1152
36	$\mathcal{O}(0; \{36^3, 6, 4^3, 3^2\})$	4608
36	$\mathcal{O}(0; \{36^3, 6^2, 4, 2^4\})$	576
36	$\mathcal{O}(0; \{36^3, 6^2, 4, 3^3\})$	4608
36	$\mathcal{O}(0; \{36^3, 6^2, 4^3, 2\})$	2304
36	$\mathcal{O}(0; \{36^3, 6^3, 4, 3, 2\})$	2304
36	$\mathcal{O}(0; \{36^3, 9^3, 4, 2^2\})$	42768
36	$\mathcal{O}(0; \{36^3, 12, 2^7\})$	288
36	$\mathcal{O}(0; \{36^3, 12, 3^3, 2^3\})$	2304
36	$\mathcal{O}(0; \{36^3, 12, 4^2, 2^4\})$	1152
36	$\mathcal{O}(0; \{36^3, 12, 4^2, 3^3\})$	9216
36	$\mathcal{O}(0; \{36^3, 12, 4^4, 2\})$	4608
36	$\mathcal{O}(0; \{36^3, 12, 6, 3, 2^4\})$	1152
36	$\mathcal{O}(0; \{36^3, 12, 6, 3^4\})$	9216
36	$\mathcal{O}(0; \{36^3, 12, 6, 4^2, 3, 2\})$	4608
36	$\mathcal{O}(0; \{36^3, 12, 6^2, 3^2, 2\})$	4608
36	$\mathcal{O}(0; \{36^3, 12, 6^3, 2^2\})$	2304
36	$\mathcal{O}(0; \{36^3, 12, 9^3, 6\})$	171072

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36^3, 12^2, 4, 3^2, 2\})$	9216
36	$\mathcal{O}(0; \{36^3, 12^2, 6, 4, 2^2\})$	4608
36	$\mathcal{O}(0; \{36^3, 12^3, 3, 2^2\})$	9216
36	$\mathcal{O}(0; \{36^3, 12^3, 6^2\})$	18432
36	$\mathcal{O}(0; \{36^3, 12^4, 4\})$	36864
36	$\mathcal{O}(0; \{36^3, 18, 9, 4, 3^2, 2\})$	25920
36	$\mathcal{O}(0; \{36^3, 18, 9, 6, 4, 2^2\})$	12960
36	$\mathcal{O}(0; \{36^3, 18, 12, 9, 3, 2^2\})$	25920
36	$\mathcal{O}(0; \{36^3, 18, 12, 9, 6^2\})$	51840
36	$\mathcal{O}(0; \{36^3, 18, 12^2, 9, 4\})$	103680
36	$\mathcal{O}(0; \{36^3, 18^2, 9^2, 4\})$	244944
36	$\mathcal{O}(0; \{36^3, 18^3, 6, 4\})$	85536
36	$\mathcal{O}(0; \{36^3, 18^3, 12, 3\})$	171072
36	$\mathcal{O}(0; \{36^4, 9^2, 3, 2^2\})$	85536
36	$\mathcal{O}(0; \{36^4, 9^2, 6^2\})$	171072
36	$\mathcal{O}(0; \{36^4, 12, 9^2, 4\})$	342144
36	$\mathcal{O}(0; \{36^4, 18, 2^5\})$	6480
36	$\mathcal{O}(0; \{36^4, 18, 3^3, 2\})$	51840
36	$\mathcal{O}(0; \{36^4, 18, 4^2, 2^2\})$	25920
36	$\mathcal{O}(0; \{36^4, 18, 6, 3, 2^2\})$	25920
36	$\mathcal{O}(0; \{36^4, 18, 6^3\})$	51840
36	$\mathcal{O}(0; \{36^4, 18, 12, 6, 4\})$	103680
36	$\mathcal{O}(0; \{36^4, 18, 12^2, 3\})$	207360
36	$\mathcal{O}(0; \{36^4, 18^2, 9, 3\})$	489888
36	$\mathcal{O}(0; \{36^5, 9, 6, 4\})$	342144
36	$\mathcal{O}(0; \{36^5, 12, 9, 3\})$	684288
36	$\mathcal{O}(0; \{36^6, 2^3\})$	171072
36	$\mathcal{O}(0; \{36^6, 4^2\})$	684288
36	$\mathcal{O}(0; \{36^6, 6, 3\})$	684288
39	$\mathcal{O}(2; \{39^3\})$	610748424
39	$\mathcal{O}(1; \{39^3, 3^3\})$	4416984
39	$\mathcal{O}(0; \{39, 13^5, 3^2\})$	459384
39	$\mathcal{O}(0; \{39^3, 3^6\})$	22440
40	$\mathcal{O}(2; \{10^2, 2^2\})$	9600000
40	$\mathcal{O}(2; \{20^2, 10\})$	57600000
40	$\mathcal{O}(2; \{40, 20, 8\})$	81920000
40	$\mathcal{O}(1; \{5^6\})$	984000
40	$\mathcal{O}(1; \{10, 5^3, 2^3\})$	62400
40	$\mathcal{O}(1; \{10, 5^3, 4^2\})$	124800
40	$\mathcal{O}(1; \{10^2, 2^6\})$	4800
40	$\mathcal{O}(1; \{10^2, 4^2, 2^3\})$	9600
40	$\mathcal{O}(1; \{10^2, 4^4\})$	38400
40	$\mathcal{O}(1; \{10^2, 8^2, 4, 2\})$	51200

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
40	$\mathcal{O}(1; \{10^3, 5^2, 2\})$	244800
40	$\mathcal{O}(1; \{20, 5^2, 4, 2^3\})$	28800
40	$\mathcal{O}(1; \{20, 5^2, 4^3\})$	115200
40	$\mathcal{O}(1; \{20, 8^2, 5^2, 2\})$	153600
40	$\mathcal{O}(1; \{20, 10^2, 5, 4, 2\})$	124800
40	$\mathcal{O}(1; \{20^2, 5^3, 2\})$	489600
40	$\mathcal{O}(1; \{20^2, 10, 2^4\})$	28800
40	$\mathcal{O}(1; \{20^2, 10, 4^2, 2\})$	115200
40	$\mathcal{O}(1; \{20^4, 2^2\})$	499200
40	$\mathcal{O}(1; \{40, 10, 8, 5, 4, 2\})$	153600
40	$\mathcal{O}(1; \{40, 20, 8, 2^4\})$	51200
40	$\mathcal{O}(1; \{40, 20, 8, 4^2, 2\})$	204800
40	$\mathcal{O}(1; \{40^2, 5^2, 4, 2\})$	665600
40	$\mathcal{O}(1; \{40^2, 20, 10, 2^2\})$	665600
40	$\mathcal{O}(1; \{40^2, 20^3\})$	10444800
40	$\mathcal{O}(1; \{40^3, 8, 2^2\})$	1228800
40	$\mathcal{O}(1; \{40^4, 10\})$	20889600
40	$\mathcal{O}(0; \{10, 8^2, 5^3, 4, 2^2\})$	416
40	$\mathcal{O}(0; \{10, 8^4, 5^3\})$	3328
40	$\mathcal{O}(0; \{10^2, 8^2, 4, 2^5\})$	32
40	$\mathcal{O}(0; \{10^2, 8^2, 4^3, 2^2\})$	128
40	$\mathcal{O}(0; \{10^2, 8^4, 2^3\})$	256
40	$\mathcal{O}(0; \{10^2, 8^4, 4^2\})$	1024
40	$\mathcal{O}(0; \{10^3, 8^2, 5^2, 4\})$	1632
40	$\mathcal{O}(0; \{20, 8^2, 5^2, 2^5\})$	96
40	$\mathcal{O}(0; \{20, 8^2, 5^2, 4^2, 2^2\})$	384
40	$\mathcal{O}(0; \{20, 8^4, 5^2, 4\})$	3072
40	$\mathcal{O}(0; \{20, 10, 8^2, 5^4\})$	6560
40	$\mathcal{O}(0; \{20, 10^2, 8^2, 5, 2^3\})$	416
40	$\mathcal{O}(0; \{20, 10^2, 8^2, 5, 4^2\})$	1664
40	$\mathcal{O}(0; \{20, 10^4, 8^2, 2\})$	1632
40	$\mathcal{O}(0; \{20^2, 8^2, 5^3, 4\})$	6528
40	$\mathcal{O}(0; \{20^2, 10, 8^2, 4, 2^3\})$	384
40	$\mathcal{O}(0; \{20^2, 10, 8^2, 4^3\})$	1536
40	$\mathcal{O}(0; \{20^2, 10, 8^4, 2\})$	3072
40	$\mathcal{O}(0; \{20^3, 10, 8^2, 5, 2\})$	6528
40	$\mathcal{O}(0; \{20^4, 8^2, 4, 2\})$	6656
40	$\mathcal{O}(0; \{40, 8, 5^4, 4, 2^2\})$	1632
40	$\mathcal{O}(0; \{40, 8^3, 5^4\})$	13056
40	$\mathcal{O}(0; \{40, 10, 8, 5, 4, 2^5\})$	96
40	$\mathcal{O}(0; \{40, 10, 8, 5, 4^3, 2^2\})$	384
40	$\mathcal{O}(0; \{40, 10, 8^3, 5, 2^3\})$	768
40	$\mathcal{O}(0; \{40, 10, 8^3, 5, 4^2\})$	3072

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
40	$\mathcal{O}(0; \{40, 10^2, 8, 5^3, 4\})$	6560
40	$\mathcal{O}(0; \{40, 10^3, 8, 4, 2^3\})$	416
40	$\mathcal{O}(0; \{40, 10^3, 8, 4^3\})$	1664
40	$\mathcal{O}(0; \{40, 10^3, 8^3, 2\})$	3328
40	$\mathcal{O}(0; \{40, 20, 8, 2^8\})$	32
40	$\mathcal{O}(0; \{40, 20, 8, 4^2, 2^5\})$	128
40	$\mathcal{O}(0; \{40, 20, 8, 4^4, 2^2\})$	512
40	$\mathcal{O}(0; \{40, 20, 8, 5^5\})$	26208
40	$\mathcal{O}(0; \{40, 20, 8^3, 4, 2^3\})$	1024
40	$\mathcal{O}(0; \{40, 20, 8^3, 4^3\})$	4096
40	$\mathcal{O}(0; \{40, 20, 8^5, 2\})$	8192
40	$\mathcal{O}(0; \{40, 20, 10, 8, 5^2, 2^3\})$	1632
40	$\mathcal{O}(0; \{40, 20, 10, 8, 5^2, 4^2\})$	6528
40	$\mathcal{O}(0; \{40, 20, 10^3, 8, 5, 2\})$	6560
40	$\mathcal{O}(0; \{40, 20^2, 8, 5, 4, 2^3\})$	1664
40	$\mathcal{O}(0; \{40, 20^2, 8, 5, 4^3\})$	6656
40	$\mathcal{O}(0; \{40, 20^2, 8^3, 5, 2\})$	13312
40	$\mathcal{O}(0; \{40, 20^2, 10^2, 8, 4, 2\})$	6528
40	$\mathcal{O}(0; \{40, 20^3, 8, 5^2, 2\})$	26240
40	$\mathcal{O}(0; \{40^2, 5^2, 4, 2^5\})$	416
40	$\mathcal{O}(0; \{40^2, 5^2, 4^3, 2^2\})$	1664
40	$\mathcal{O}(0; \{40^2, 8^2, 5^2, 2^3\})$	3328
40	$\mathcal{O}(0; \{40^2, 8^2, 5^2, 4^2\})$	13312
40	$\mathcal{O}(0; \{40^2, 10, 5^4, 4\})$	26208
40	$\mathcal{O}(0; \{40^2, 10^2, 5, 4, 2^3\})$	1632
40	$\mathcal{O}(0; \{40^2, 10^2, 5, 4^3\})$	6528
40	$\mathcal{O}(0; \{40^2, 10^2, 8^2, 5, 2\})$	13056
40	$\mathcal{O}(0; \{40^2, 10^4, 4, 2\})$	6560
40	$\mathcal{O}(0; \{40^2, 20, 5^3, 2^3\})$	6560
40	$\mathcal{O}(0; \{40^2, 20, 5^3, 4^2\})$	26240
40	$\mathcal{O}(0; \{40^2, 20, 10, 2^6\})$	416
40	$\mathcal{O}(0; \{40^2, 20, 10, 4^2, 2^3\})$	1664
40	$\mathcal{O}(0; \{40^2, 20, 10, 4^4\})$	6656
40	$\mathcal{O}(0; \{40^2, 20, 10, 8^2, 4, 2\})$	13312
40	$\mathcal{O}(0; \{40^2, 20, 10^2, 5^2, 2\})$	26208
40	$\mathcal{O}(0; \{40^2, 20^2, 10, 5, 4, 2\})$	26240
40	$\mathcal{O}(0; \{40^2, 20^3, 2^4\})$	6528
40	$\mathcal{O}(0; \{40^2, 20^3, 4^2, 2\})$	26112
40	$\mathcal{O}(0; \{40^3, 8, 2^6\})$	768
40	$\mathcal{O}(0; \{40^3, 8, 4^2, 2^3\})$	3072
40	$\mathcal{O}(0; \{40^3, 8, 4^4\})$	12288
40	$\mathcal{O}(0; \{40^3, 8^3, 4, 2\})$	24576
40	$\mathcal{O}(0; \{40^3, 10, 8, 5^2, 2\})$	52480

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
40	$\mathcal{O}(0; \{40^3, 20, 8, 5, 4, 2\})$	52224
40	$\mathcal{O}(0; \{40^4, 5^3, 2\})$	209664
40	$\mathcal{O}(0; \{40^4, 10, 2^4\})$	13056
40	$\mathcal{O}(0; \{40^4, 10, 4^2, 2\})$	52224
40	$\mathcal{O}(0; \{40^4, 20^2, 2^2\})$	209920
40	$\mathcal{O}(0; \{40^6, 20\})$	6709248
42	$\mathcal{O}(2; \{7^3\})$	86436000
42	$\mathcal{O}(2; \{21^2, 3\})$	35006580
42	$\mathcal{O}(2; \{42, 14, 3\})$	37340352
42	$\mathcal{O}(1; \{7^3, 2^4\})$	47040
42	$\mathcal{O}(1; \{7^3, 3^3\})$	79380
42	$\mathcal{O}(1; \{7^3, 6, 3, 2\})$	105840
42	$\mathcal{O}(1; \{14^2, 7^2, 2^2\})$	291648
42	$\mathcal{O}(1; \{14^4, 7\})$	1740480
42	$\mathcal{O}(1; \{21, 14, 7, 3^2, 2\})$	105840
42	$\mathcal{O}(1; \{21, 14, 7, 6, 2^2\})$	105840
42	$\mathcal{O}(1; \{21, 14^3, 6\})$	656208
42	$\mathcal{O}(1; \{21^2, 3, 2^4\})$	21168
42	$\mathcal{O}(1; \{21^2, 3^4\})$	174636
42	$\mathcal{O}(1; \{21^2, 6, 3^2, 2\})$	105840
42	$\mathcal{O}(1; \{21^2, 6^2, 2^2\})$	63504
42	$\mathcal{O}(1; \{21^3, 7^2\})$	2937060
42	$\mathcal{O}(1; \{42, 14, 3, 2^4\})$	21168
42	$\mathcal{O}(1; \{42, 14, 3^4\})$	105840
42	$\mathcal{O}(1; \{42, 14, 6, 3^2, 2\})$	63504
42	$\mathcal{O}(1; \{42, 14, 6^2, 2^2\})$	21168
42	$\mathcal{O}(1; \{42, 21, 14, 7^2\})$	3916080
42	$\mathcal{O}(1; \{42, 21^2, 7, 6\})$	1968624
42	$\mathcal{O}(1; \{42^2, 14, 7, 6\})$	656208
42	$\mathcal{O}(1; \{42^2, 21, 3, 2^2\})$	317520
42	$\mathcal{O}(1; \{42^2, 21, 6^2\})$	529200
42	$\mathcal{O}(1; \{42^4, 3\})$	3281040
42	$\mathcal{O}(0; \{7^3, 3^3, 2^4\})$	60
42	$\mathcal{O}(0; \{7^3, 6, 3, 2^5\})$	60
42	$\mathcal{O}(0; \{7^3, 6, 3^4, 2\})$	300
42	$\mathcal{O}(0; \{7^3, 6^2, 3^2, 2^2\})$	180
42	$\mathcal{O}(0; \{7^3, 6^3, 2^3\})$	60
42	$\mathcal{O}(0; \{7^3, 6^4, 3\})$	300
42	$\mathcal{O}(0; \{14^2, 7^2, 3^3, 2^2\})$	372
42	$\mathcal{O}(0; \{14^2, 7^2, 6, 3, 2^3\})$	372
42	$\mathcal{O}(0; \{14^2, 7^2, 6^2, 3^2\})$	1116
42	$\mathcal{O}(0; \{14^2, 7^2, 6^3, 2\})$	372
42	$\mathcal{O}(0; \{14^4, 7, 3^3\})$	2220

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(0; \{14^4, 7, 6, 3, 2\})$	2220
42	$\mathcal{O}(0; \{21, 7^5, 6, 2\})$	13332
42	$\mathcal{O}(0; \{21, 14, 7, 3^2, 2^5\})$	60
42	$\mathcal{O}(0; \{21, 14, 7, 3^5, 2\})$	660
42	$\mathcal{O}(0; \{21, 14, 7, 6, 2^6\})$	60
42	$\mathcal{O}(0; \{21, 14, 7, 6, 3^3, 2^2\})$	300
42	$\mathcal{O}(0; \{21, 14, 7, 6^2, 3, 2^3\})$	180
42	$\mathcal{O}(0; \{21, 14, 7, 6^3, 3^2\})$	660
42	$\mathcal{O}(0; \{21, 14, 7, 6^4, 2\})$	300
42	$\mathcal{O}(0; \{21, 14^3, 3^2, 2^3\})$	372
42	$\mathcal{O}(0; \{21, 14^3, 6, 2^4\})$	372
42	$\mathcal{O}(0; \{21, 14^3, 6, 3^3\})$	1860
42	$\mathcal{O}(0; \{21, 14^3, 6^2, 3, 2\})$	1116
42	$\mathcal{O}(0; \{21^2, 3, 2^8\})$	12
42	$\mathcal{O}(0; \{21^2, 3^4, 2^4\})$	132
42	$\mathcal{O}(0; \{21^2, 6, 3^2, 2^5\})$	60
42	$\mathcal{O}(0; \{21^2, 6, 3^5, 2\})$	516
42	$\mathcal{O}(0; \{21^2, 6^2, 2^6\})$	36
42	$\mathcal{O}(0; \{21^2, 6^2, 3^3, 2^2\})$	252
42	$\mathcal{O}(0; \{21^2, 6^3, 3, 2^3\})$	132
42	$\mathcal{O}(0; \{21^2, 6^4, 3^2\})$	516
42	$\mathcal{O}(0; \{21^2, 6^5, 2\})$	252
42	$\mathcal{O}(0; \{21^2, 14, 7^3, 3, 2\})$	13332
42	$\mathcal{O}(0; \{21^3, 7^2, 2^4\})$	2220
42	$\mathcal{O}(0; \{21^3, 7^2, 6, 3, 2\})$	11100
42	$\mathcal{O}(0; \{21^3, 14^2, 7, 2^2\})$	13332
42	$\mathcal{O}(0; \{21^3, 14^4\})$	79980
42	$\mathcal{O}(0; \{21^4, 14, 3^2, 2\})$	24420
42	$\mathcal{O}(0; \{21^4, 14, 6, 2^2\})$	11100
42	$\mathcal{O}(0; \{42, 7^4, 3, 2^3\})$	2220
42	$\mathcal{O}(0; \{42, 7^4, 6, 3^2\})$	6660
42	$\mathcal{O}(0; \{42, 7^4, 6^2, 2\})$	2220
42	$\mathcal{O}(0; \{42, 14, 3, 2^8\})$	12
42	$\mathcal{O}(0; \{42, 14, 3^4, 2^4\})$	60
42	$\mathcal{O}(0; \{42, 14, 3^7\})$	516
42	$\mathcal{O}(0; \{42, 14, 6, 3^2, 2^5\})$	36
42	$\mathcal{O}(0; \{42, 14, 6, 3^5, 2\})$	252
42	$\mathcal{O}(0; \{42, 14, 6^2, 2^6\})$	12
42	$\mathcal{O}(0; \{42, 14, 6^2, 3^3, 2^2\})$	132
42	$\mathcal{O}(0; \{42, 14, 6^3, 3, 2^3\})$	60
42	$\mathcal{O}(0; \{42, 14, 6^4, 3^2\})$	252
42	$\mathcal{O}(0; \{42, 14, 6^5, 2\})$	132
42	$\mathcal{O}(0; \{42, 14^2, 7^3, 3, 2\})$	13332

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(0; \{42, 21, 14, 7^2, 2^4\})$	2220
42	$\mathcal{O}(0; \{42, 21, 14, 7^2, 3^3\})$	11100
42	$\mathcal{O}(0; \{42, 21, 14, 7^2, 6, 3, 2\})$	6660
42	$\mathcal{O}(0; \{42, 21, 14^3, 7, 2^2\})$	13332
42	$\mathcal{O}(0; \{42, 21, 14^5\})$	79980
42	$\mathcal{O}(0; \{42, 21^2, 7, 3^2, 2^3\})$	1860
42	$\mathcal{O}(0; \{42, 21^2, 7, 6, 2^4\})$	1116
42	$\mathcal{O}(0; \{42, 21^2, 7, 6, 3^3\})$	7812
42	$\mathcal{O}(0; \{42, 21^2, 7, 6^2, 3, 2\})$	4092
42	$\mathcal{O}(0; \{42, 21^2, 14^2, 3^2, 2\})$	11100
42	$\mathcal{O}(0; \{42, 21^2, 14^2, 6, 2^2\})$	6660
42	$\mathcal{O}(0; \{42, 21^4, 14, 7\})$	399900
42	$\mathcal{O}(0; \{42, 21^5, 6\})$	279972
42	$\mathcal{O}(0; \{42^2, 14, 7, 3^2, 2^3\})$	1116
42	$\mathcal{O}(0; \{42^2, 14, 7, 6, 2^4\})$	372
42	$\mathcal{O}(0; \{42^2, 14, 7, 6, 3^3\})$	4092
42	$\mathcal{O}(0; \{42^2, 14, 7, 6^2, 3, 2\})$	1860
42	$\mathcal{O}(0; \{42^2, 14^3, 3^2, 2\})$	6660
42	$\mathcal{O}(0; \{42^2, 14^3, 6, 2^2\})$	2220
42	$\mathcal{O}(0; \{42^2, 21, 3, 2^6\})$	180
42	$\mathcal{O}(0; \{42^2, 21, 3^4, 2^2\})$	1260
42	$\mathcal{O}(0; \{42^2, 21, 6, 3^2, 2^3\})$	660
42	$\mathcal{O}(0; \{42^2, 21, 6^2, 2^4\})$	300
42	$\mathcal{O}(0; \{42^2, 21, 6^2, 3^3\})$	2580
42	$\mathcal{O}(0; \{42^2, 21, 6^3, 3, 2\})$	1260
42	$\mathcal{O}(0; \{42^2, 21^2, 7^2, 2^2\})$	39996
42	$\mathcal{O}(0; \{42^2, 21^2, 14^2, 7\})$	239940
42	$\mathcal{O}(0; \{42^2, 21^3, 14, 6\})$	146652
42	$\mathcal{O}(0; \{42^3, 14, 7^2, 2^2\})$	13332
42	$\mathcal{O}(0; \{42^3, 14^3, 7\})$	79980
42	$\mathcal{O}(0; \{42^3, 21, 7, 3^2, 2\})$	24420
42	$\mathcal{O}(0; \{42^3, 21, 7, 6, 2^2\})$	11100
42	$\mathcal{O}(0; \{42^3, 21, 14^2, 6\})$	66660
42	$\mathcal{O}(0; \{42^4, 3, 2^4\})$	1860
42	$\mathcal{O}(0; \{42^4, 3^4\})$	15996
42	$\mathcal{O}(0; \{42^4, 6, 3^2, 2\})$	7812
42	$\mathcal{O}(0; \{42^4, 6^2, 2^2\})$	4092
42	$\mathcal{O}(0; \{42^4, 21, 7^2\})$	399900
42	$\mathcal{O}(0; \{42^5, 7, 6\})$	146652
44	$\mathcal{O}(2; \{22, 11, 2\})$	35138400
44	$\mathcal{O}(1; \{22, 11, 2^5\})$	14520
44	$\mathcal{O}(1; \{22, 11, 4^2, 2^2\})$	38720
44	$\mathcal{O}(1; \{22^3, 2^3\})$	130680

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
44	$\mathcal{O}(1; \{22^3, 4^2\})$	348480
44	$\mathcal{O}(1; \{44^2, 11, 2^3\})$	348480
44	$\mathcal{O}(1; \{44^2, 11, 4^2\})$	1393920
44	$\mathcal{O}(1; \{44^2, 22^2, 2\})$	3523520
44	$\mathcal{O}(0; \{22, 11, 4^2, 2^6\})$	20
44	$\mathcal{O}(0; \{22, 11, 4^4, 2^3\})$	80
44	$\mathcal{O}(0; \{22, 11, 4^6\})$	320
44	$\mathcal{O}(0; \{22^3, 4^2, 2^4\})$	180
44	$\mathcal{O}(0; \{22^3, 4^4, 2\})$	720
44	$\mathcal{O}(0; \{44, 11^4, 4, 2^2\})$	18180
44	$\mathcal{O}(0; \{44, 22^2, 11^3, 4\})$	181820
44	$\mathcal{O}(0; \{44^2, 11, 2^7\})$	180
44	$\mathcal{O}(0; \{44^2, 11, 4^2, 2^4\})$	720
44	$\mathcal{O}(0; \{44^2, 11, 4^4, 2\})$	2880
44	$\mathcal{O}(0; \{44^2, 22^2, 2^5\})$	1820
44	$\mathcal{O}(0; \{44^2, 22^2, 4^2, 2^2\})$	7280
44	$\mathcal{O}(0; \{44^4, 22, 2^3\})$	72720
44	$\mathcal{O}(0; \{44^4, 22, 4^2\})$	290880
44	$\mathcal{O}(0; \{44^6, 2\})$	2909120
45	$\mathcal{O}(1; \{5^2, 3^4\})$	43200
45	$\mathcal{O}(1; \{9^3, 5^2\})$	145800
45	$\mathcal{O}(1; \{15^2, 5^3\})$	734400
45	$\mathcal{O}(1; \{15^3, 5, 3\})$	561600
45	$\mathcal{O}(1; \{45, 9, 5^3\})$	631800
45	$\mathcal{O}(1; \{45, 15, 9, 5, 3\})$	583200
45	$\mathcal{O}(1; \{45^3, 3^2\})$	1749600
45	$\mathcal{O}(0; \{9^3, 5^2, 3^3\})$	576
45	$\mathcal{O}(0; \{15^3, 9^3, 5\})$	7488
45	$\mathcal{O}(0; \{45, 9, 5^3, 3^3\})$	2496
45	$\mathcal{O}(0; \{45, 15, 9, 5, 3^4\})$	2304
45	$\mathcal{O}(0; \{45, 15, 9^4, 5\})$	19440
45	$\mathcal{O}(0; \{45, 15^3, 9, 5^2\})$	39360
45	$\mathcal{O}(0; \{45, 15^4, 9, 3\})$	39168
45	$\mathcal{O}(0; \{45^2, 15, 9^2, 5^2\})$	66096
45	$\mathcal{O}(0; \{45^2, 15^2, 9^2, 3\})$	67392
45	$\mathcal{O}(0; \{45^3, 3^5\})$	6912
45	$\mathcal{O}(0; \{45^3, 9^3, 3\})$	128304
45	$\mathcal{O}(0; \{45^3, 15, 5^3\})$	117936
45	$\mathcal{O}(0; \{45^3, 15^2, 5, 3\})$	118080
45	$\mathcal{O}(0; \{45^4, 9, 5, 3\})$	330480
48	$\mathcal{O}(3; \emptyset)$	12022972416
48	$\mathcal{O}(2; \{2^4\})$	4915200
48	$\mathcal{O}(2; \{3^3\})$	9953280

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(2; \{4^2, 2\})$	9830400
48	$\mathcal{O}(2; \{6, 3, 2\})$	9953280
48	$\mathcal{O}(1; \{2^8\})$	1536
48	$\mathcal{O}(1; \{3^3, 2^4\})$	3456
48	$\mathcal{O}(1; \{3^6\})$	38016
48	$\mathcal{O}(1; \{4^2, 2^5\})$	3072
48	$\mathcal{O}(1; \{4^2, 3^3, 2\})$	6912
48	$\mathcal{O}(1; \{4^4, 2^2\})$	12288
48	$\mathcal{O}(1; \{6, 3, 2^5\})$	3456
48	$\mathcal{O}(1; \{6, 3^4, 2\})$	17280
48	$\mathcal{O}(1; \{6, 4^2, 3, 2^2\})$	6912
48	$\mathcal{O}(1; \{6^2, 3^2, 2^2\})$	10368
48	$\mathcal{O}(1; \{6^3, 2^3\})$	3456
48	$\mathcal{O}(1; \{6^3, 4^2\})$	6912
48	$\mathcal{O}(1; \{6^4, 3\})$	17280
48	$\mathcal{O}(1; \{8^2, 4, 2^3\})$	12288
48	$\mathcal{O}(1; \{8^2, 4^3\})$	49152
48	$\mathcal{O}(1; \{8^2, 6, 4, 3\})$	27648
48	$\mathcal{O}(1; \{8^4, 2\})$	98304
48	$\mathcal{O}(1; \{12, 4, 3^2, 2^2\})$	6912
48	$\mathcal{O}(1; \{12, 6, 4, 2^3\})$	6912
48	$\mathcal{O}(1; \{12, 6, 4^3\})$	27648
48	$\mathcal{O}(1; \{12, 6^2, 4, 3\})$	20736
48	$\mathcal{O}(1; \{12, 8^2, 3^2\})$	27648
48	$\mathcal{O}(1; \{12, 8^2, 6, 2\})$	27648
48	$\mathcal{O}(1; \{12^2, 3, 2^3\})$	6912
48	$\mathcal{O}(1; \{12^2, 4^2, 3\})$	27648
48	$\mathcal{O}(1; \{12^2, 6, 3^2\})$	34560
48	$\mathcal{O}(1; \{12^2, 6^2, 2\})$	20736
48	$\mathcal{O}(1; \{12^3, 4, 2\})$	27648
48	$\mathcal{O}(1; \{16^2, 8, 4, 2\})$	131072
48	$\mathcal{O}(1; \{24, 8, 3, 2^3\})$	13824
48	$\mathcal{O}(1; \{24, 8, 4^2, 3\})$	55296
48	$\mathcal{O}(1; \{24, 8, 6, 3^2\})$	41472
48	$\mathcal{O}(1; \{24, 8, 6^2, 2\})$	13824
48	$\mathcal{O}(1; \{24, 12, 8, 4, 2\})$	55296
48	$\mathcal{O}(1; \{24, 16^2, 3, 2\})$	147456
48	$\mathcal{O}(1; \{24^2, 4, 3^2\})$	82944
48	$\mathcal{O}(1; \{24^2, 6, 4, 2\})$	27648
48	$\mathcal{O}(1; \{24^2, 12, 3, 2\})$	82944
48	$\mathcal{O}(1; \{48, 16, 4, 3^2\})$	73728
48	$\mathcal{O}(1; \{48, 16, 6, 4, 2\})$	73728
48	$\mathcal{O}(1; \{48, 16, 12, 3, 2\})$	73728

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(1; \{48^2, 8, 3, 2\})$	147456
48	$\mathcal{O}(0; \{16^2, 8, 4, 3^3, 2\})$	128
48	$\mathcal{O}(0; \{16^2, 8, 6, 4, 3, 2^2\})$	128
48	$\mathcal{O}(0; \{16^2, 8, 6^3, 4\})$	128
48	$\mathcal{O}(0; \{16^2, 8^3, 6, 3\})$	1024
48	$\mathcal{O}(0; \{16^2, 12, 8, 3^2, 2^2\})$	128
48	$\mathcal{O}(0; \{16^2, 12, 8, 6, 2^3\})$	128
48	$\mathcal{O}(0; \{16^2, 12, 8, 6, 4^2\})$	512
48	$\mathcal{O}(0; \{16^2, 12, 8, 6^2, 3\})$	384
48	$\mathcal{O}(0; \{16^2, 12^2, 8, 4, 3\})$	512
48	$\mathcal{O}(0; \{16^2, 12^3, 8, 2\})$	512
48	$\mathcal{O}(0; \{16^4, 6, 4, 3\})$	2048
48	$\mathcal{O}(0; \{16^4, 12, 3^2\})$	2048
48	$\mathcal{O}(0; \{16^4, 12, 6, 2\})$	2048
48	$\mathcal{O}(0; \{24, 16^2, 3, 2^5\})$	64
48	$\mathcal{O}(0; \{24, 16^2, 3^4, 2\})$	320
48	$\mathcal{O}(0; \{24, 16^2, 4^2, 3, 2^2\})$	256
48	$\mathcal{O}(0; \{24, 16^2, 6, 3^2, 2^2\})$	192
48	$\mathcal{O}(0; \{24, 16^2, 6^2, 2^3\})$	64
48	$\mathcal{O}(0; \{24, 16^2, 6^2, 4^2\})$	256
48	$\mathcal{O}(0; \{24, 16^2, 6^3, 3\})$	320
48	$\mathcal{O}(0; \{24, 16^2, 8^2, 4, 3\})$	2048
48	$\mathcal{O}(0; \{24, 16^2, 12, 4, 2^3\})$	256
48	$\mathcal{O}(0; \{24, 16^2, 12, 4^3\})$	1024
48	$\mathcal{O}(0; \{24, 16^2, 12, 6, 4, 3\})$	768
48	$\mathcal{O}(0; \{24, 16^2, 12, 8^2, 2\})$	2048
48	$\mathcal{O}(0; \{24, 16^2, 12^2, 3^2\})$	1280
48	$\mathcal{O}(0; \{24, 16^2, 12^2, 6, 2\})$	768
48	$\mathcal{O}(0; \{24^2, 16^2, 8, 3^2\})$	3072
48	$\mathcal{O}(0; \{24^2, 16^2, 8, 6, 2\})$	1024
48	$\mathcal{O}(0; \{24^3, 16^2, 4, 2\})$	2048
48	$\mathcal{O}(0; \{48, 16, 4, 3^2, 2^4\})$	32
48	$\mathcal{O}(0; \{48, 16, 4, 3^5\})$	352
48	$\mathcal{O}(0; \{48, 16, 4^3, 3^2, 2\})$	128
48	$\mathcal{O}(0; \{48, 16, 6, 4, 2^5\})$	32
48	$\mathcal{O}(0; \{48, 16, 6, 4, 3^3, 2\})$	160
48	$\mathcal{O}(0; \{48, 16, 6, 4^3, 2^2\})$	128
48	$\mathcal{O}(0; \{48, 16, 6^2, 4, 3, 2^2\})$	96
48	$\mathcal{O}(0; \{48, 16, 6^4, 4\})$	160
48	$\mathcal{O}(0; \{48, 16, 8^2, 3^2, 2^2\})$	256
48	$\mathcal{O}(0; \{48, 16, 8^2, 6, 2^3\})$	256
48	$\mathcal{O}(0; \{48, 16, 8^2, 6, 4^2\})$	1024
48	$\mathcal{O}(0; \{48, 16, 8^2, 6^2, 3\})$	768

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{48, 16, 12, 3, 2^5\})$	32
48	$\mathcal{O}(0; \{48, 16, 12, 3^4, 2\})$	352
48	$\mathcal{O}(0; \{48, 16, 12, 4^2, 3, 2^2\})$	128
48	$\mathcal{O}(0; \{48, 16, 12, 6, 3^2, 2^2\})$	160
48	$\mathcal{O}(0; \{48, 16, 12, 6^2, 2^3\})$	96
48	$\mathcal{O}(0; \{48, 16, 12, 6^2, 4^2\})$	384
48	$\mathcal{O}(0; \{48, 16, 12, 6^3, 3\})$	352
48	$\mathcal{O}(0; \{48, 16, 12, 8^2, 4, 3\})$	1024
48	$\mathcal{O}(0; \{48, 16, 12^2, 4, 2^3\})$	128
48	$\mathcal{O}(0; \{48, 16, 12^2, 4^3\})$	512
48	$\mathcal{O}(0; \{48, 16, 12^2, 6, 4, 3\})$	640
48	$\mathcal{O}(0; \{48, 16, 12^2, 8^2, 2\})$	1024
48	$\mathcal{O}(0; \{48, 16, 12^3, 3^2\})$	1408
48	$\mathcal{O}(0; \{48, 16, 12^3, 6, 2\})$	640
48	$\mathcal{O}(0; \{48, 16^3, 8, 3^2\})$	4096
48	$\mathcal{O}(0; \{48, 16^3, 8, 6, 2\})$	4096
48	$\mathcal{O}(0; \{48, 24, 16, 8, 4, 2^3\})$	512
48	$\mathcal{O}(0; \{48, 24, 16, 8, 4^3\})$	2048
48	$\mathcal{O}(0; \{48, 24, 16, 8, 6, 4, 3\})$	1536
48	$\mathcal{O}(0; \{48, 24, 16, 8^3, 2\})$	4096
48	$\mathcal{O}(0; \{48, 24, 16, 12, 8, 3^2\})$	2560
48	$\mathcal{O}(0; \{48, 24, 16, 12, 8, 6, 2\})$	1536
48	$\mathcal{O}(0; \{48, 24, 16^3, 4, 2\})$	8192
48	$\mathcal{O}(0; \{48, 24^2, 16, 3, 2^3\})$	768
48	$\mathcal{O}(0; \{48, 24^2, 16, 4^2, 3\})$	3072
48	$\mathcal{O}(0; \{48, 24^2, 16, 6, 3^2\})$	2816
48	$\mathcal{O}(0; \{48, 24^2, 16, 6^2, 2\})$	1280
48	$\mathcal{O}(0; \{48, 24^2, 16, 12, 4, 2\})$	3072
48	$\mathcal{O}(0; \{48^2, 8, 3, 2^5\})$	64
48	$\mathcal{O}(0; \{48^2, 8, 3^4, 2\})$	704
48	$\mathcal{O}(0; \{48^2, 8, 4^2, 3, 2^2\})$	256
48	$\mathcal{O}(0; \{48^2, 8, 6, 3^2, 2^2\})$	320
48	$\mathcal{O}(0; \{48^2, 8, 6^2, 2^3\})$	192
48	$\mathcal{O}(0; \{48^2, 8, 6^2, 4^2\})$	768
48	$\mathcal{O}(0; \{48^2, 8, 6^3, 3\})$	704
48	$\mathcal{O}(0; \{48^2, 8^3, 4, 3\})$	2048
48	$\mathcal{O}(0; \{48^2, 12, 8, 4, 2^3\})$	256
48	$\mathcal{O}(0; \{48^2, 12, 8, 4^3\})$	1024
48	$\mathcal{O}(0; \{48^2, 12, 8, 6, 4, 3\})$	1280
48	$\mathcal{O}(0; \{48^2, 12, 8^3, 2\})$	2048
48	$\mathcal{O}(0; \{48^2, 12^2, 8, 3^2\})$	2816
48	$\mathcal{O}(0; \{48^2, 12^2, 8, 6, 2\})$	1280
48	$\mathcal{O}(0; \{48^2, 16^2, 3, 2^3\})$	1024

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{48^2, 16^2, 4^2, 3\})$	4096
48	$\mathcal{O}(0; \{48^2, 16^2, 6, 3^2\})$	5120
48	$\mathcal{O}(0; \{48^2, 16^2, 6^2, 2\})$	3072
48	$\mathcal{O}(0; \{48^2, 16^2, 12, 4, 2\})$	4096
48	$\mathcal{O}(0; \{48^2, 24, 4, 3^2, 2^2\})$	640
48	$\mathcal{O}(0; \{48^2, 24, 6, 4, 2^3\})$	384
48	$\mathcal{O}(0; \{48^2, 24, 6, 4^3\})$	1536
48	$\mathcal{O}(0; \{48^2, 24, 6^2, 4, 3\})$	1408
48	$\mathcal{O}(0; \{48^2, 24, 8^2, 3^2\})$	5120
48	$\mathcal{O}(0; \{48^2, 24, 8^2, 6, 2\})$	3072
48	$\mathcal{O}(0; \{48^2, 24, 12, 3, 2^3\})$	640
48	$\mathcal{O}(0; \{48^2, 24, 12, 4^2, 3\})$	2560
48	$\mathcal{O}(0; \{48^2, 24, 12, 6, 3^2\})$	2688
48	$\mathcal{O}(0; \{48^2, 24, 12, 6^2, 2\})$	1408
48	$\mathcal{O}(0; \{48^2, 24, 12^2, 4, 2\})$	2560
48	$\mathcal{O}(0; \{48^2, 24^2, 8, 4, 2\})$	6144
48	$\mathcal{O}(0; \{48^2, 24^3, 3, 2\})$	11264
48	$\mathcal{O}(0; \{48^3, 16, 8, 4, 2\})$	8192
48	$\mathcal{O}(0; \{48^3, 24, 16, 3, 2\})$	20480
48	$\mathcal{O}(0; \{48^4, 4, 3^2\})$	22528
48	$\mathcal{O}(0; \{48^4, 6, 4, 2\})$	10240
48	$\mathcal{O}(0; \{48^4, 12, 3, 2\})$	22528
49	$\mathcal{O}(1; \{49^4\})$	153178998
50	$\mathcal{O}(1; \{25^4\})$	12187500
50	$\mathcal{O}(1; \{50, 25, 10, 2^2\})$	200000
50	$\mathcal{O}(1; \{50^3, 10\})$	3000000
50	$\mathcal{O}(0; \{25^4, 2^4\})$	6500
50	$\mathcal{O}(0; \{50, 25, 5^3, 2^3\})$	1280
50	$\mathcal{O}(0; \{50, 25, 10, 2^6\})$	80
50	$\mathcal{O}(0; \{50, 25, 10^2, 5^2, 2\})$	5120
50	$\mathcal{O}(0; \{50^2, 25^3, 2^2\})$	127500
50	$\mathcal{O}(0; \{50^3, 5^3, 2\})$	19200
50	$\mathcal{O}(0; \{50^3, 10, 2^4\})$	1200
50	$\mathcal{O}(0; \{50^4, 25^2\})$	2562500
51	$\mathcal{O}(1; \{17^4\})$	8915072
51	$\mathcal{O}(0; \{17^4, 3^3\})$	7712
51	$\mathcal{O}(0; \{51^3, 17^3\})$	1973792
52	$\mathcal{O}(1; \{13^4\})$	3236688
52	$\mathcal{O}(1; \{52, 26, 4, 2^2\})$	64896
52	$\mathcal{O}(1; \{52^3, 4\})$	2855424
52	$\mathcal{O}(0; \{13^4, 4^2, 2\})$	3192
52	$\mathcal{O}(0; \{52, 26, 4, 2^6\})$	24
52	$\mathcal{O}(0; \{52, 26, 4^3, 2^3\})$	96

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
52	$\mathcal{O}(0; \{52, 26, 4^3\})$	384
52	$\mathcal{O}(0; \{52^2, 26, 13^3\})$	459384
52	$\mathcal{O}(0; \{52^3, 4, 2^4\})$	1056
52	$\mathcal{O}(0; \{52^3, 4^3, 2\})$	4224
54	$\mathcal{O}(1; \{9^4\})$	314928
54	$\mathcal{O}(1; \{18, 9^2, 6\})$	93312
54	$\mathcal{O}(1; \{18^2, 3, 2^2\})$	31104
54	$\mathcal{O}(1; \{18^2, 6^2\})$	62208
54	$\mathcal{O}(1; \{27^3, 3\})$	708588
54	$\mathcal{O}(1; \{54, 27, 18, 3\})$	629856
54	$\mathcal{O}(0; \{27^3, 3, 2^4\})$	324
54	$\mathcal{O}(0; \{27^3, 6, 3^2, 2\})$	1296
54	$\mathcal{O}(0; \{27^3, 6^2, 2^2\})$	648
54	$\mathcal{O}(0; \{27^3, 18, 9, 6\})$	11664
54	$\mathcal{O}(0; \{54, 27, 9^2, 3^2, 2\})$	2592
54	$\mathcal{O}(0; \{54, 27, 9^2, 6, 2^2\})$	1296
54	$\mathcal{O}(0; \{54, 27, 18, 3, 2^4\})$	216
54	$\mathcal{O}(0; \{54, 27, 18, 3^4\})$	1728
54	$\mathcal{O}(0; \{54, 27, 18, 6, 3^2, 2\})$	864
54	$\mathcal{O}(0; \{54, 27, 18, 6^2, 2^2\})$	432
54	$\mathcal{O}(0; \{54, 27, 18, 9^3\})$	23328
54	$\mathcal{O}(0; \{54, 27, 18^2, 9, 6\})$	7776
54	$\mathcal{O}(0; \{54^2, 27^2, 3, 2^2\})$	8748
54	$\mathcal{O}(0; \{54^2, 27^2, 6^2\})$	17496
54	$\mathcal{O}(0; \{54^3, 9^2, 6\})$	11664
54	$\mathcal{O}(0; \{54^3, 18, 3, 2^2\})$	1944
54	$\mathcal{O}(0; \{54^3, 18, 6^2\})$	3888
54	$\mathcal{O}(0; \{54^4, 27, 3\})$	131220
55	$\mathcal{O}(1; \{55, 11, 5^2\})$	363000
55	$\mathcal{O}(0; \{55^2, 11^3, 5\})$	109080
56	$\mathcal{O}(1; \{7^4\})$	437472
56	$\mathcal{O}(1; \{28, 7^2, 4\})$	141120
56	$\mathcal{O}(1; \{28^2, 2^3\})$	28224
56	$\mathcal{O}(1; \{28^2, 4^2\})$	112896
56	$\mathcal{O}(1; \{56^2, 28, 2\})$	752640
56	$\mathcal{O}(0; \{28, 8^2, 7^2, 2^2\})$	240
56	$\mathcal{O}(0; \{28, 14^2, 8^2, 7\})$	1488
56	$\mathcal{O}(0; \{28^2, 8^2, 4, 2^2\})$	192
56	$\mathcal{O}(0; \{28^2, 8^4\})$	1536
56	$\mathcal{O}(0; \{56, 8, 7^3, 2^2\})$	744
56	$\mathcal{O}(0; \{56, 14^2, 8, 7^2\})$	4440
56	$\mathcal{O}(0; \{56, 28, 8, 7, 4, 2^2\})$	480
56	$\mathcal{O}(0; \{56, 28, 8^3, 7\})$	3840

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
56	$\mathcal{O}(0; \{56, 28, 14^2, 8, 4\})$	2976
56	$\mathcal{O}(0; \{56^2, 7^2, 4, 2^2\})$	1488
56	$\mathcal{O}(0; \{56^2, 8^2, 7^2\})$	11904
56	$\mathcal{O}(0; \{56^2, 14^2, 7, 4\})$	8880
56	$\mathcal{O}(0; \{56^2, 28, 2^5\})$	240
56	$\mathcal{O}(0; \{56^2, 28, 4^2, 2^2\})$	960
56	$\mathcal{O}(0; \{56^2, 28, 8^2, 4\})$	7680
56	$\mathcal{O}(0; \{56^3, 8, 7, 4\})$	23808
56	$\mathcal{O}(0; \{56^4, 2^3\})$	11904
56	$\mathcal{O}(0; \{56^4, 4^2\})$	47616
60	$\mathcal{O}(1; \{5^4\})$	124800
60	$\mathcal{O}(1; \{10, 5, 2^3\})$	9600
60	$\mathcal{O}(1; \{10, 5, 4^2\})$	25600
60	$\mathcal{O}(1; \{10, 6, 5, 3\})$	21600
60	$\mathcal{O}(1; \{10^3, 2\})$	28800
60	$\mathcal{O}(1; \{15, 5^2, 3\})$	64800
60	$\mathcal{O}(1; \{15^2, 3^2\})$	64800
60	$\mathcal{O}(1; \{15^2, 6, 2\})$	21600
60	$\mathcal{O}(1; \{20^2, 5, 2\})$	76800
60	$\mathcal{O}(1; \{30, 10, 3^2\})$	21600
60	$\mathcal{O}(1; \{30, 10, 6, 2\})$	21600
60	$\mathcal{O}(1; \{30, 15, 5, 2\})$	64800
60	$\mathcal{O}(1; \{60, 5, 4, 3\})$	57600
60	$\mathcal{O}(1; \{60, 12, 5, 2\})$	57600
60	$\mathcal{O}(1; \{60, 30, 4, 2\})$	57600
60	$\mathcal{O}(0; \{10, 5, 4^2, 3^3\})$	16
60	$\mathcal{O}(0; \{10, 6, 5, 4^2, 3, 2\})$	16
60	$\mathcal{O}(0; \{12, 10, 5, 4, 3^2, 2\})$	16
60	$\mathcal{O}(0; \{12, 10, 6, 5, 4, 2^2\})$	16
60	$\mathcal{O}(0; \{12, 10^3, 6, 4\})$	48
60	$\mathcal{O}(0; \{12^2, 10, 5, 3, 2^2\})$	16
60	$\mathcal{O}(0; \{12^2, 10, 6^2, 5\})$	48
60	$\mathcal{O}(0; \{12^2, 10^3, 3\})$	48
60	$\mathcal{O}(0; \{12^3, 10, 5, 4\})$	64
60	$\mathcal{O}(0; \{15, 5^2, 4^2, 3, 2\})$	48
60	$\mathcal{O}(0; \{15, 12, 5^2, 4, 2^2\})$	48
60	$\mathcal{O}(0; \{15, 12, 10^2, 5, 4\})$	208
60	$\mathcal{O}(0; \{15, 12^2, 6, 5^2\})$	144
60	$\mathcal{O}(0; \{15^2, 4^2, 3^2, 2\})$	48
60	$\mathcal{O}(0; \{15^2, 6, 4^2, 2^2\})$	16
60	$\mathcal{O}(0; \{15^2, 12, 4, 3, 2^2\})$	48
60	$\mathcal{O}(0; \{15^2, 12, 6^2, 4\})$	80
60	$\mathcal{O}(0; \{15^2, 12^2, 2^3\})$	48

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{15^2, 12^2, 4^2\})$	192
60	$\mathcal{O}(0; \{15^2, 12^2, 6, 3\})$	176
60	$\mathcal{O}(0; \{15^3, 10, 4^2\})$	208
60	$\mathcal{O}(0; \{20, 12, 10, 6, 5^2\})$	208
60	$\mathcal{O}(0; \{20, 15, 10, 4, 3, 2^2\})$	48
60	$\mathcal{O}(0; \{20, 15, 10, 6^2, 4\})$	48
60	$\mathcal{O}(0; \{20, 15, 12, 5^3\})$	816
60	$\mathcal{O}(0; \{20, 15, 12, 10, 2^3\})$	48
60	$\mathcal{O}(0; \{20, 15, 12, 10, 4^2\})$	192
60	$\mathcal{O}(0; \{20, 15, 12, 10, 6, 3\})$	144
60	$\mathcal{O}(0; \{20, 15^2, 6, 5, 4\})$	208
60	$\mathcal{O}(0; \{20, 15^2, 12, 5, 3\})$	624
60	$\mathcal{O}(0; \{20^2, 5, 3^3, 2\})$	48
60	$\mathcal{O}(0; \{20^2, 6, 5, 3, 2^2\})$	48
60	$\mathcal{O}(0; \{20^2, 6^3, 5\})$	48
60	$\mathcal{O}(0; \{20^2, 10^2, 6, 3\})$	208
60	$\mathcal{O}(0; \{20^2, 12, 6, 5, 4\})$	192
60	$\mathcal{O}(0; \{20^2, 12^2, 5, 3\})$	192
60	$\mathcal{O}(0; \{20^2, 15, 10, 5, 3\})$	816
60	$\mathcal{O}(0; \{20^2, 15^3, 2\})$	816
60	$\mathcal{O}(0; \{20^3, 15, 4, 3\})$	832
60	$\mathcal{O}(0; \{20^3, 15, 12, 2\})$	832
60	$\mathcal{O}(0; \{30, 10, 4^2, 3^2, 2\})$	16
60	$\mathcal{O}(0; \{30, 10, 6, 4^2, 2^2\})$	16
60	$\mathcal{O}(0; \{30, 12, 10, 4, 3, 2^2\})$	16
60	$\mathcal{O}(0; \{30, 12, 10, 6^2, 4\})$	48
60	$\mathcal{O}(0; \{30, 12^2, 5^3\})$	208
60	$\mathcal{O}(0; \{30, 12^2, 10, 2^3\})$	16
60	$\mathcal{O}(0; \{30, 12^2, 10, 4^2\})$	64
60	$\mathcal{O}(0; \{30, 12^2, 10, 6, 3\})$	80
60	$\mathcal{O}(0; \{30, 15, 5, 4^2, 2^2\})$	48
60	$\mathcal{O}(0; \{30, 15, 10^2, 4^2\})$	208
60	$\mathcal{O}(0; \{30, 15, 12, 6, 5, 4\})$	144
60	$\mathcal{O}(0; \{30, 15, 12^2, 5, 3\})$	240
60	$\mathcal{O}(0; \{30, 20, 10, 6, 5, 4\})$	208
60	$\mathcal{O}(0; \{30, 20, 12, 10, 5, 3\})$	208
60	$\mathcal{O}(0; \{30, 20, 15, 5^2, 4\})$	816
60	$\mathcal{O}(0; \{30, 20, 15^2, 4, 3\})$	624
60	$\mathcal{O}(0; \{30, 20, 15^2, 12, 2\})$	624
60	$\mathcal{O}(0; \{30, 20^2, 3^2, 2^2\})$	48
60	$\mathcal{O}(0; \{30, 20^2, 6, 2^3\})$	48
60	$\mathcal{O}(0; \{30, 20^2, 6, 4^2\})$	192
60	$\mathcal{O}(0; \{30, 20^2, 6^2, 3\})$	144

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{30, 20^2, 12, 4, 3\})$	192
60	$\mathcal{O}(0; \{30, 20^2, 12^2, 2\})$	192
60	$\mathcal{O}(0; \{30, 20^2, 15, 10, 2\})$	816
60	$\mathcal{O}(0; \{30^2, 12, 5^2, 4\})$	208
60	$\mathcal{O}(0; \{30^2, 15, 6, 4^2\})$	144
60	$\mathcal{O}(0; \{30^2, 15, 12, 4, 3\})$	240
60	$\mathcal{O}(0; \{30^2, 15, 12^2, 2\})$	240
60	$\mathcal{O}(0; \{30^2, 20, 10, 4, 3\})$	208
60	$\mathcal{O}(0; \{30^2, 20, 12, 10, 2\})$	208
60	$\mathcal{O}(0; \{30^3, 5, 4^2\})$	208
60	$\mathcal{O}(0; \{60, 5, 4, 3, 2^4\})$	16
60	$\mathcal{O}(0; \{60, 5, 4, 3^4\})$	80
60	$\mathcal{O}(0; \{60, 5, 4^3, 3, 2\})$	64
60	$\mathcal{O}(0; \{60, 6, 5, 4, 3^2, 2\})$	48
60	$\mathcal{O}(0; \{60, 6^2, 5, 4, 2^2\})$	16
60	$\mathcal{O}(0; \{60, 10^2, 4, 3, 2^2\})$	48
60	$\mathcal{O}(0; \{60, 10^2, 6^2, 4\})$	48
60	$\mathcal{O}(0; \{60, 12, 5, 2^5\})$	16
60	$\mathcal{O}(0; \{60, 12, 5, 3^3, 2\})$	80
60	$\mathcal{O}(0; \{60, 12, 5, 4^2, 2^2\})$	64
60	$\mathcal{O}(0; \{60, 12, 6, 5, 3, 2^2\})$	48
60	$\mathcal{O}(0; \{60, 12, 6^3, 5\})$	80
60	$\mathcal{O}(0; \{60, 12, 10, 5^3\})$	816
60	$\mathcal{O}(0; \{60, 12, 10^2, 2^3\})$	48
60	$\mathcal{O}(0; \{60, 12, 10^2, 4^2\})$	192
60	$\mathcal{O}(0; \{60, 12, 10^2, 6, 3\})$	144
60	$\mathcal{O}(0; \{60, 12^2, 6, 5, 4\})$	192
60	$\mathcal{O}(0; \{60, 12^3, 5, 3\})$	320
60	$\mathcal{O}(0; \{60, 15, 10, 6, 5, 4\})$	208
60	$\mathcal{O}(0; \{60, 15, 12, 10, 5, 3\})$	624
60	$\mathcal{O}(0; \{60, 15^2, 5^2, 4\})$	816
60	$\mathcal{O}(0; \{60, 15^3, 4, 3\})$	1040
60	$\mathcal{O}(0; \{60, 15^3, 12, 2\})$	1040
60	$\mathcal{O}(0; \{60, 20, 5^2, 3, 2^2\})$	208
60	$\mathcal{O}(0; \{60, 20, 6^2, 5^2\})$	208
60	$\mathcal{O}(0; \{60, 20, 10^2, 5, 3\})$	816
60	$\mathcal{O}(0; \{60, 20, 12, 5^2, 4\})$	832
60	$\mathcal{O}(0; \{60, 20, 15, 3^2, 2^2\})$	144
60	$\mathcal{O}(0; \{60, 20, 15, 6, 2^3\})$	48
60	$\mathcal{O}(0; \{60, 20, 15, 6, 4^2\})$	192
60	$\mathcal{O}(0; \{60, 20, 15, 6^2, 3\})$	240
60	$\mathcal{O}(0; \{60, 20, 15, 12, 4, 3\})$	576
60	$\mathcal{O}(0; \{60, 20, 15, 12^2, 2\})$	576

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{60, 20, 15^2, 10, 2\})$	816
60	$\mathcal{O}(0; \{60, 20^2, 10, 4, 3\})$	832
60	$\mathcal{O}(0; \{60, 20^2, 12, 10, 2\})$	832
60	$\mathcal{O}(0; \{60, 30, 4, 2^5\})$	16
60	$\mathcal{O}(0; \{60, 30, 4, 3^3, 2\})$	80
60	$\mathcal{O}(0; \{60, 30, 4^3, 2^2\})$	64
60	$\mathcal{O}(0; \{60, 30, 6, 4, 3, 2^2\})$	48
60	$\mathcal{O}(0; \{60, 30, 6^3, 4\})$	80
60	$\mathcal{O}(0; \{60, 30, 10, 5^2, 4\})$	816
60	$\mathcal{O}(0; \{60, 30, 12, 3^2, 2^2\})$	80
60	$\mathcal{O}(0; \{60, 30, 12, 6, 2^3\})$	48
60	$\mathcal{O}(0; \{60, 30, 12, 6, 4^2\})$	192
60	$\mathcal{O}(0; \{60, 30, 12, 6^2, 3\})$	176
60	$\mathcal{O}(0; \{60, 30, 12^2, 4, 3\})$	320
60	$\mathcal{O}(0; \{60, 30, 12^3, 2\})$	320
60	$\mathcal{O}(0; \{60, 30, 15, 10, 4, 3\})$	624
60	$\mathcal{O}(0; \{60, 30, 15, 12, 10, 2\})$	624
60	$\mathcal{O}(0; \{60, 30, 20, 5, 2^3\})$	208
60	$\mathcal{O}(0; \{60, 30, 20, 5, 4^2\})$	832
60	$\mathcal{O}(0; \{60, 30, 20, 6, 5, 3\})$	624
60	$\mathcal{O}(0; \{60, 30, 20, 10^2, 2\})$	816
60	$\mathcal{O}(0; \{60, 30^2, 20, 3^2\})$	1040
60	$\mathcal{O}(0; \{60, 30^2, 20, 6, 2\})$	624
60	$\mathcal{O}(0; \{60^2, 6, 5^3\})$	816
60	$\mathcal{O}(0; \{60^2, 10, 3^2, 2^2\})$	144
60	$\mathcal{O}(0; \{60^2, 10, 6, 2^3\})$	48
60	$\mathcal{O}(0; \{60^2, 10, 6, 4^2\})$	192
60	$\mathcal{O}(0; \{60^2, 10, 6^2, 3\})$	240
60	$\mathcal{O}(0; \{60^2, 12, 10, 4, 3\})$	576
60	$\mathcal{O}(0; \{60^2, 12^2, 10, 2\})$	576
60	$\mathcal{O}(0; \{60^2, 15, 5, 2^3\})$	208
60	$\mathcal{O}(0; \{60^2, 15, 5, 4^2\})$	832
60	$\mathcal{O}(0; \{60^2, 15, 6, 5, 3\})$	1040
60	$\mathcal{O}(0; \{60^2, 15, 10^2, 2\})$	816
60	$\mathcal{O}(0; \{60^2, 20^2, 3^2\})$	2496
60	$\mathcal{O}(0; \{60^2, 20^2, 6, 2\})$	832
60	$\mathcal{O}(0; \{60^2, 30, 5^2, 3\})$	2448
60	$\mathcal{O}(0; \{60^2, 30, 15, 3^2\})$	2288
60	$\mathcal{O}(0; \{60^2, 30, 15, 6, 2\})$	1040
60	$\mathcal{O}(0; \{60^2, 30^2, 5, 2\})$	2448
60	$\mathcal{O}(0; \{60^3, 4, 2^3\})$	192
60	$\mathcal{O}(0; \{60^3, 4^3\})$	768
60	$\mathcal{O}(0; \{60^3, 6, 4, 3\})$	960

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{60^3, 12, 3^2\})$	2112
60	$\mathcal{O}(0; \{60^3, 12, 6, 2\})$	960
60	$\mathcal{O}(0; \{60^3, 20, 5, 2\})$	3264
63	$\mathcal{O}(1; \{7^2, 3^2\})$	42336
63	$\mathcal{O}(0; \{9^3, 7^2, 3\})$	216
63	$\mathcal{O}(0; \{63, 21, 9^2, 3^2\})$	864
63	$\mathcal{O}(0; \{63^2, 9, 7, 3^2\})$	2160
64	$\mathcal{O}(2; \{2^2\})$	15728640
64	$\mathcal{O}(1; \{2^6\})$	3072
64	$\mathcal{O}(1; \{4^2, 2^3\})$	6144
64	$\mathcal{O}(1; \{4^4\})$	24576
64	$\mathcal{O}(1; \{8^2, 4, 2\})$	24576
65	$\mathcal{O}(1; \{65^3\})$	6692400
66	$\mathcal{O}(1; \{22^2, 2^2\})$	38720
66	$\mathcal{O}(1; \{33^3\})$	588060
66	$\mathcal{O}(1; \{66, 33, 22\})$	784080
66	$\mathcal{O}(0; \{22^2, 3^3, 2^2\})$	20
66	$\mathcal{O}(0; \{22^2, 6, 3, 2^3\})$	20
66	$\mathcal{O}(0; \{22^2, 6^2, 3^2\})$	60
66	$\mathcal{O}(0; \{22^2, 6^3, 2\})$	20
66	$\mathcal{O}(0; \{33, 22, 11^2, 3, 2\})$	1820
66	$\mathcal{O}(0; \{33^3, 2^4\})$	180
66	$\mathcal{O}(0; \{33^3, 6, 3, 2\})$	900
66	$\mathcal{O}(0; \{66, 33, 22, 2^4\})$	180
66	$\mathcal{O}(0; \{66, 33, 22, 3^3\})$	900
66	$\mathcal{O}(0; \{66, 33, 22, 6, 3, 2\})$	540
66	$\mathcal{O}(0; \{66^2, 33^2, 2^2\})$	5460
66	$\mathcal{O}(0; \{66^3, 22, 2^2\})$	1820
66	$\mathcal{O}(0; \{66^4, 33\})$	90900
68	$\mathcal{O}(1; \{17^3\})$	832320
68	$\mathcal{O}(0; \{17^3, 4^2, 2\})$	480
68	$\mathcal{O}(0; \{68^2, 34, 17^2\})$	123360
70	$\mathcal{O}(1; \{35^2, 5\})$	264600
70	$\mathcal{O}(1; \{70, 10, 7\})$	117600
70	$\mathcal{O}(0; \{14, 7^2, 5^2, 2\})$	120
70	$\mathcal{O}(0; \{35^2, 5, 2^4\})$	72
70	$\mathcal{O}(0; \{35^2, 10^2, 2^2\})$	312
70	$\mathcal{O}(0; \{35^3, 14, 10\})$	9672
70	$\mathcal{O}(0; \{70, 7, 5^3, 2\})$	312
70	$\mathcal{O}(0; \{70, 10, 7, 2^4\})$	24
70	$\mathcal{O}(0; \{70, 14^2, 10, 2^2\})$	120
70	$\mathcal{O}(0; \{70, 35, 14, 7, 2^2\})$	744
70	$\mathcal{O}(0; \{70, 35, 14^3\})$	4440

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
70	$\mathcal{O}(0; \{70^2, 35, 5, 2^2\})$	1560
70	$\mathcal{O}(0; \{70^2, 35, 10^2\})$	6120
70	$\mathcal{O}(0; \{70^3, 14, 7\})$	13320
70	$\mathcal{O}(0; \{70^4, 5\})$	37944
72	$\mathcal{O}(1; \{3^4\})$	20736
72	$\mathcal{O}(1; \{6, 3^2, 2\})$	6912
72	$\mathcal{O}(1; \{6^2, 2^2\})$	6912
72	$\mathcal{O}(1; \{9^3\})$	69984
72	$\mathcal{O}(1; \{12^2, 6\})$	13824
72	$\mathcal{O}(1; \{18, 9, 6\})$	46656
72	$\mathcal{O}(1; \{24, 8, 6\})$	36864
72	$\mathcal{O}(1; \{24^2, 4\})$	73728
72	$\mathcal{O}(1; \{36, 18, 4\})$	46656
72	$\mathcal{O}(0; \{24, 18, 9, 8, 2^2\})$	48
72	$\mathcal{O}(0; \{24, 18^3, 8\})$	144
72	$\mathcal{O}(0; \{24^2, 18, 12, 9\})$	384
72	$\mathcal{O}(0; \{36, 18, 8^2, 2^2\})$	48
72	$\mathcal{O}(0; \{36, 24, 18, 12, 8\})$	384
72	$\mathcal{O}(0; \{36, 24^2, 9^2\})$	576
72	$\mathcal{O}(0; \{36, 24^2, 18, 6\})$	384
72	$\mathcal{O}(0; \{36^2, 24, 9, 8\})$	576
72	$\mathcal{O}(0; \{36^3, 8^2\})$	576
72	$\mathcal{O}(0; \{72, 9, 8, 4, 3, 2\})$	96
72	$\mathcal{O}(0; \{72, 12, 9, 8, 2^2\})$	96
72	$\mathcal{O}(0; \{72, 18^2, 12, 8\})$	288
72	$\mathcal{O}(0; \{72, 24, 9, 3^2, 2\})$	192
72	$\mathcal{O}(0; \{72, 24, 9, 6, 2^2\})$	96
72	$\mathcal{O}(0; \{72, 24, 12^2, 9\})$	768
72	$\mathcal{O}(0; \{72, 24, 18, 9^2\})$	1296
72	$\mathcal{O}(0; \{72, 24, 18^2, 6\})$	288
72	$\mathcal{O}(0; \{72, 24^2, 9, 8\})$	1536
72	$\mathcal{O}(0; \{72, 36, 8, 3^2, 2\})$	192
72	$\mathcal{O}(0; \{72, 36, 8, 6, 2^2\})$	96
72	$\mathcal{O}(0; \{72, 36, 12^2, 8\})$	768
72	$\mathcal{O}(0; \{72, 36, 18, 9, 8\})$	1296
72	$\mathcal{O}(0; \{72, 36, 24, 4, 2^2\})$	192
72	$\mathcal{O}(0; \{72, 36, 24, 8^2\})$	1536
72	$\mathcal{O}(0; \{72, 36, 24, 12, 6\})$	768
72	$\mathcal{O}(0; \{72^2, 12, 9^2\})$	2592
72	$\mathcal{O}(0; \{72^2, 18, 4, 2^2\})$	144
72	$\mathcal{O}(0; \{72^2, 18, 8^2\})$	1152
72	$\mathcal{O}(0; \{72^2, 18, 12, 6\})$	576
72	$\mathcal{O}(0; \{72^2, 36, 9, 6\})$	2592

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
72	$\mathcal{O}(0; \{72^2, 36^2, 4\})$	5184
72	$\mathcal{O}(0; \{72^3, 8, 6\})$	2304
72	$\mathcal{O}(0; \{72^3, 24, 4\})$	4608
75	$\mathcal{O}(0; \{75^2, 25^2, 3\})$	13000
75	$\mathcal{O}(0; \{75^3, 5^2\})$	9600
75	$\mathcal{O}(0; \{75^3, 15, 3\})$	12000
78	$\mathcal{O}(1; \{78, 39, 2\})$	146016
78	$\mathcal{O}(0; \{78, 26, 13^2, 3\})$	3192
78	$\mathcal{O}(0; \{78, 39, 2^5\})$	24
78	$\mathcal{O}(0; \{78, 39, 3^3, 2\})$	120
78	$\mathcal{O}(0; \{78, 39, 6, 3, 2^2\})$	72
78	$\mathcal{O}(0; \{78, 39, 6^3\})$	120
78	$\mathcal{O}(0; \{78^3, 2^3\})$	264
78	$\mathcal{O}(0; \{78^3, 6, 3\})$	1320
80	$\mathcal{O}(1; \{5^3\})$	57600
80	$\mathcal{O}(1; \{20^2, 2\})$	38400
80	$\mathcal{O}(0; \{40, 16^2, 5, 4\})$	256
80	$\mathcal{O}(0; \{80, 16, 8, 5^2\})$	384
80	$\mathcal{O}(0; \{80, 40, 16, 2^3\})$	128
80	$\mathcal{O}(0; \{80, 40, 16, 4^2\})$	512
80	$\mathcal{O}(0; \{80^2, 8, 5, 4\})$	768
80	$\mathcal{O}(0; \{80^2, 40, 20, 2\})$	3328
80	$\mathcal{O}(0; \{80^3, 16, 2\})$	6144
84	$\mathcal{O}(1; \{14, 7, 2\})$	28224
84	$\mathcal{O}(0; \{14, 12, 7, 6, 4\})$	24
84	$\mathcal{O}(0; \{14, 12^2, 7, 3\})$	24
84	$\mathcal{O}(0; \{28, 21^2, 4, 3\})$	120
84	$\mathcal{O}(0; \{28, 21^2, 12, 2\})$	120
84	$\mathcal{O}(0; \{28^2, 7, 6, 3\})$	120
84	$\mathcal{O}(0; \{42, 21, 7, 4^2\})$	120
84	$\mathcal{O}(0; \{42, 28, 14, 4, 3\})$	120
84	$\mathcal{O}(0; \{42, 28, 14, 12, 2\})$	120
84	$\mathcal{O}(0; \{42^2, 6, 4^2\})$	24
84	$\mathcal{O}(0; \{42^2, 12, 4, 3\})$	72
84	$\mathcal{O}(0; \{42^2, 12^2, 2\})$	72
84	$\mathcal{O}(0; \{84, 7^2, 6, 4\})$	120
84	$\mathcal{O}(0; \{84, 12, 7^2, 3\})$	120
84	$\mathcal{O}(0; \{84, 21, 14, 4, 3\})$	120
84	$\mathcal{O}(0; \{84, 21, 14, 12, 2\})$	120
84	$\mathcal{O}(0; \{84, 28, 3^2, 2^2\})$	24
84	$\mathcal{O}(0; \{84, 28, 6, 2^3\})$	24
84	$\mathcal{O}(0; \{84, 28, 6, 4^2\})$	96
84	$\mathcal{O}(0; \{84, 28, 6^2, 3\})$	72

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
84	$\mathcal{O}(0; \{84, 28, 12, 4, 3\})$	96
84	$\mathcal{O}(0; \{84, 28, 12^2, 2\})$	96
84	$\mathcal{O}(0; \{84, 42, 28, 7, 2\})$	744
84	$\mathcal{O}(0; \{84^2, 21, 7, 2\})$	744
84	$\mathcal{O}(0; \{84^2, 42, 3^2\})$	600
84	$\mathcal{O}(0; \{84^2, 42, 6, 2\})$	360
88	$\mathcal{O}(0; \{44, 22, 8^2, 2\})$	80
88	$\mathcal{O}(0; \{88, 11^2, 8, 2\})$	360
88	$\mathcal{O}(0; \{88^2, 22, 4, 2\})$	720
90	$\mathcal{O}(0; \{18, 10^2, 9, 2\})$	24
90	$\mathcal{O}(0; \{45, 15, 9, 6, 2\})$	96
90	$\mathcal{O}(0; \{45, 30, 9, 5, 2\})$	144
90	$\mathcal{O}(0; \{90, 18, 10, 5, 2\})$	72
90	$\mathcal{O}(0; \{90, 45, 3, 2^3\})$	48
90	$\mathcal{O}(0; \{90, 45, 6, 3^2\})$	192
90	$\mathcal{O}(0; \{90, 45, 6^2, 2\})$	96
90	$\mathcal{O}(0; \{90^3, 3, 2\})$	432
96	$\mathcal{O}(2; \emptyset)$	78643200
96	$\mathcal{O}(1; \{2^4\})$	6144
96	$\mathcal{O}(1; \{3^3\})$	13824
96	$\mathcal{O}(1; \{4^2, 2\})$	12288
96	$\mathcal{O}(1; \{6, 3, 2\})$	13824
96	$\mathcal{O}(0; \{96, 32, 8, 3, 2\})$	128
97	$\mathcal{O}(1; \{97^2\})$	903264
98	$\mathcal{O}(1; \{49^2\})$	302526
98	$\mathcal{O}(0; \{49^2, 2^4\})$	42
98	$\mathcal{O}(0; \{98^2, 49, 2^2\})$	1470
98	$\mathcal{O}(0; \{98^4\})$	63798
99	$\mathcal{O}(1; \{33^2\})$	174240
99	$\mathcal{O}(0; \{99^3, 33\})$	32760
100	$\mathcal{O}(1; \{25^2\})$	150000
100	$\mathcal{O}(0; \{25^2, 4^2, 2\})$	40
100	$\mathcal{O}(0; \{100, 50, 20, 2^2\})$	160
100	$\mathcal{O}(0; \{100^2, 50, 25\})$	13000
100	$\mathcal{O}(0; \{100^3, 20\})$	9600
102	$\mathcal{O}(1; \{17^2\})$	110976
102	$\mathcal{O}(0; \{17^2, 6, 3, 2\})$	32
102	$\mathcal{O}(0; \{102, 51, 34, 17\})$	7712
104	$\mathcal{O}(1; \{13^2\})$	97344
104	$\mathcal{O}(0; \{104, 52, 8, 2^2\})$	96
104	$\mathcal{O}(0; \{104^3, 8\})$	8448
105	$\mathcal{O}(0; \{35^2, 21, 15\})$	720
105	$\mathcal{O}(0; \{105, 21^2, 15\})$	720

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Table 7 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
105	$\mathcal{O}(0; \{105, 35, 15^2\})$	624
105	$\mathcal{O}(0; \{105^3, 7\})$	4464
108	$\mathcal{O}(1; \{9^2\})$	46656
108	$\mathcal{O}(0; \{54, 27, 12^2\})$	144
108	$\mathcal{O}(0; \{108, 54, 12, 9\})$	432
108	$\mathcal{O}(0; \{108, 54, 36, 6\})$	432
108	$\mathcal{O}(0; \{108^2, 27, 6\})$	648
110	$\mathcal{O}(0; \{55, 22, 11, 10\})$	360
110	$\mathcal{O}(0; \{110, 22, 5, 2^2\})$	40
110	$\mathcal{O}(0; \{110, 22, 10^2\})$	120
112	$\mathcal{O}(1; \{7^2\})$	56448
112	$\mathcal{O}(0; \{56, 16^2, 7\})$	192
112	$\mathcal{O}(0; \{112, 16, 14, 7\})$	240
112	$\mathcal{O}(0; \{112^2, 8, 7\})$	960
112	$\mathcal{O}(0; \{112^2, 56, 4\})$	1920
117	$\mathcal{O}(0; \{117^3, 3\})$	4752
120	$\mathcal{O}(1; \{5^2\})$	38400
120	$\mathcal{O}(0; \{30, 24, 8, 5\})$	32
120	$\mathcal{O}(0; \{60, 40^2, 3\})$	192
120	$\mathcal{O}(0; \{120, 10, 8, 6\})$	32
120	$\mathcal{O}(0; \{120, 15, 8, 5\})$	96
120	$\mathcal{O}(0; \{120, 24, 10, 4\})$	64
120	$\mathcal{O}(0; \{120, 40, 6, 5\})$	96
120	$\mathcal{O}(0; \{120, 40, 30, 3\})$	96
120	$\mathcal{O}(0; \{120, 60, 8, 4\})$	128
120	$\mathcal{O}(0; \{120, 60, 24, 3\})$	192
120	$\mathcal{O}(0; \{120^2, 20, 3\})$	192
126	$\mathcal{O}(0; \{63, 18, 14, 3\})$	72
126	$\mathcal{O}(0; \{126, 42, 9, 3\})$	144
128	$\mathcal{O}(1; \{4^2\})$	24576
130	$\mathcal{O}(0; \{130, 65, 2^3\})$	48
130	$\mathcal{O}(0; \{130^3, 2\})$	1584
132	$\mathcal{O}(0; \{44^2, 6, 3\})$	40
132	$\mathcal{O}(0; \{66, 33, 4^2\})$	40
132	$\mathcal{O}(0; \{132, 66, 44, 2\})$	360
132	$\mathcal{O}(0; \{132^2, 33, 2\})$	360
135	$\mathcal{O}(0; \{135, 27, 5, 3\})$	144
140	$\mathcal{O}(0; \{140, 20, 14, 2\})$	48
144	$\mathcal{O}(1; \{3^2\})$	27648
147	$\mathcal{O}(0; \{147, 49, 3^2\})$	84
150	$\mathcal{O}(0; \{75, 25, 6, 2\})$	40
150	$\mathcal{O}(0; \{150, 75, 5, 2\})$	160
156	$\mathcal{O}(0; \{156, 78, 4, 2\})$	48

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
168	$\mathcal{O}(0; \{168, 56, 3, 2\})$	48
192	$\mathcal{O}(1; \{2^2\})$	24576
194	$\mathcal{O}(0; \{194^2, 2^2\})$	96
195	$\mathcal{O}(0; \{195^3\})$	3168
196	$\mathcal{O}(0; \{196^2, 98\})$	2940
198	$\mathcal{O}(0; \{198, 99, 66\})$	1080
200	$\mathcal{O}(0; \{200, 100, 40\})$	640
208	$\mathcal{O}(0; \{208, 104, 16\})$	384
210	$\mathcal{O}(0; \{42, 35, 30\})$	48
210	$\mathcal{O}(0; \{210, 30, 21\})$	48
210	$\mathcal{O}(0; \{210, 70, 15\})$	144
210	$\mathcal{O}(0; \{210, 105, 14\})$	240
220	$\mathcal{O}(0; \{220, 44, 10\})$	80
234	$\mathcal{O}(0; \{234, 117, 6\})$	144
260	$\mathcal{O}(0; \{260, 130, 4\})$	96
291	$\mathcal{O}(0; \{291^2, 3\})$	192
294	$\mathcal{O}(0; \{294, 98, 3\})$	84
388	$\mathcal{O}(0; \{388^2, 2\})$	192
390	$\mathcal{O}(0; \{390, 195, 2\})$	96

Table 8: 98-admissible orbifolds.

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
1	$\mathcal{O}(98; \emptyset)$	1
2	$\mathcal{O}(49; \{2^2\})$	316912650057057350374175801344
2	$\mathcal{O}(48; \{2^6\})$	79228162514264337593543950336
2	$\mathcal{O}(47; \{2^{10}\})$	19807040628566084398385987584
2	$\mathcal{O}(46; \{2^{14}\})$	4951760157141521099596496896
2	$\mathcal{O}(45; \{2^{18}\})$	1237940039285380274899124224
2	$\mathcal{O}(44; \{2^{22}\})$	309485009821345068724781056
2	$\mathcal{O}(43; \{2^{26}\})$	77371252455336267181195264
2	$\mathcal{O}(42; \{2^{30}\})$	19342813113834066795298816
2	$\mathcal{O}(41; \{2^{34}\})$	4835703278458516698824704
2	$\mathcal{O}(40; \{2^{38}\})$	1208925819614629174706176
2	$\mathcal{O}(39; \{2^{42}\})$	302231454903657293676544
2	$\mathcal{O}(38; \{2^{46}\})$	75557863725914323419136
2	$\mathcal{O}(37; \{2^{50}\})$	18889465931478580854784
2	$\mathcal{O}(36; \{2^{54}\})$	4722366482869645213696
2	$\mathcal{O}(35; \{2^{58}\})$	1180591620717411303424
2	$\mathcal{O}(34; \{2^{62}\})$	295147905179352825856

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
2	$\mathcal{O}(33; \{2^{66}\})$	73786976294838206464
2	$\mathcal{O}(32; \{2^{70}\})$	18446744073709551616
2	$\mathcal{O}(31; \{2^{74}\})$	4611686018427387904
2	$\mathcal{O}(30; \{2^{78}\})$	1152921504606846976
2	$\mathcal{O}(29; \{2^{82}\})$	288230376151711744
2	$\mathcal{O}(28; \{2^{86}\})$	72057594037927936
2	$\mathcal{O}(27; \{2^{90}\})$	18014398509481984
2	$\mathcal{O}(26; \{2^{94}\})$	4503599627370496
2	$\mathcal{O}(25; \{2^{98}\})$	1125899906842624
2	$\mathcal{O}(24; \{2^{102}\})$	281474976710656
2	$\mathcal{O}(23; \{2^{106}\})$	70368744177664
2	$\mathcal{O}(22; \{2^{110}\})$	17592186044416
2	$\mathcal{O}(21; \{2^{114}\})$	4398046511104
2	$\mathcal{O}(20; \{2^{118}\})$	1099511627776
2	$\mathcal{O}(19; \{2^{122}\})$	274877906944
2	$\mathcal{O}(18; \{2^{126}\})$	68719476736
2	$\mathcal{O}(17; \{2^{130}\})$	17179869184
2	$\mathcal{O}(16; \{2^{134}\})$	4294967296
2	$\mathcal{O}(15; \{2^{138}\})$	1073741824
2	$\mathcal{O}(14; \{2^{142}\})$	268435456
2	$\mathcal{O}(13; \{2^{146}\})$	67108864
2	$\mathcal{O}(12; \{2^{150}\})$	16777216
2	$\mathcal{O}(11; \{2^{154}\})$	4194304
2	$\mathcal{O}(10; \{2^{158}\})$	1048576
2	$\mathcal{O}(9; \{2^{162}\})$	262144
2	$\mathcal{O}(8; \{2^{166}\})$	65536
2	$\mathcal{O}(7; \{2^{170}\})$	16384
2	$\mathcal{O}(6; \{2^{174}\})$	4096
2	$\mathcal{O}(5; \{2^{178}\})$	1024
2	$\mathcal{O}(4; \{2^{182}\})$	256
2	$\mathcal{O}(3; \{2^{186}\})$	64
2	$\mathcal{O}(2; \{2^{190}\})$	16
2	$\mathcal{O}(1; \{2^{194}\})$	4
2	$\mathcal{O}(0; \{2^{198}\})$	1
3	$\mathcal{O}(32; \{3^4\})$	20602102921755074907947094535686
3	$\mathcal{O}(31; \{3^7\})$	16023857828031724928403295749978
3	$\mathcal{O}(30; \{3^{10}\})$	14497776130123941601888696154742
3	$\mathcal{O}(29; \{3^{13}\})$	12858651343482248399335978070970
3	$\mathcal{O}(28; \{3^{16}\})$	11433052391115718295966372687766
3	$\mathcal{O}(27; \{3^{19}\})$	10162364338125286911611966714778
3	$\mathcal{O}(26; \{3^{22}\})$	9033251511491590392583764006582
3	$\mathcal{O}(25; \{3^{25}\})$	8029552591715709753403368717690
3	$\mathcal{O}(24; \{3^{28}\})$	7137380560123733797593609151446

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
3	$\mathcal{O}(23; \{3^{31}\})$	6344338222487912435501534892378
3	$\mathcal{O}(22; \{3^{34}\})$	5639411759231214244658587301622
3	$\mathcal{O}(21; \{3^{37}\})$	5012810451993454282685225668410
3	$\mathcal{O}(20; \{3^{40}\})$	4455831512956016466252319944726
3	$\mathcal{O}(19; \{3^{43}\})$	3960739122619465081918246442778
3	$\mathcal{O}(18; \{3^{46}\})$	3520656997884869529516889943862
3	$\mathcal{O}(17; \{3^{49}\})$	3129472887008672852035926395130
3	$\mathcal{O}(16; \{3^{52}\})$	2781753677341053653264178795606
3	$\mathcal{O}(15; \{3^{55}\})$	2472669935414268678665810805978
3	$\mathcal{O}(14; \{3^{58}\})$	2197928831479350073852586557302
3	$\mathcal{O}(13; \{3^{61}\})$	1953714516870533383728881969850
3	$\mathcal{O}(12; \{3^{64}\})$	1736635126107140787231361192086
3	$\mathcal{O}(11; \{3^{67}\})$	1543675667650791810684034701978
3	$\mathcal{O}(10; \{3^{70}\})$	1372156149022926053962284885942
3	$\mathcal{O}(9; \{3^{73}\})$	1219694354687045381297484264570
3	$\mathcal{O}(8; \{3^{76}\})$	1084172759721818116709133182166
3	$\mathcal{O}(7; \{3^{79}\})$	963709119752727214852534130778
3	$\mathcal{O}(6; \{3^{82}\})$	856630328669090857646700193782
3	$\mathcal{O}(5; \{3^{85}\})$	761449181039191873463733151290
3	$\mathcal{O}(4; \{3^{88}\})$	676843716479281665301096173846
3	$\mathcal{O}(3; \{3^{91}\})$	601638859092694813600974372378
3	$\mathcal{O}(2; \{3^{94}\})$	534790096971284278756421664822
3	$\mathcal{O}(1; \{3^{97}\})$	475368975085586025561263702010
3	$\mathcal{O}(0; \{3^{100}\})$	422550200076076467165567735126
4	$\mathcal{O}(24; \{4^2, 2^2\})$	158456325028528675187087900672
4	$\mathcal{O}(23; \{4^2, 2^6\})$	9903520314283042199192993792
4	$\mathcal{O}(23; \{4^4, 2^3\})$	39614081257132168796771975168
4	$\mathcal{O}(23; \{4^6\})$	158456325028528675187087900672
4	$\mathcal{O}(22; \{4^2, 2^{10}\})$	618970019642690137449562112
4	$\mathcal{O}(22; \{4^4, 2^7\})$	2475880078570760549798248448
4	$\mathcal{O}(22; \{4^6, 2^4\})$	9903520314283042199192993792
4	$\mathcal{O}(22; \{4^8, 2\})$	39614081257132168796771975168
4	$\mathcal{O}(21; \{4^2, 2^{14}\})$	38685626227668133590597632
4	$\mathcal{O}(21; \{4^4, 2^{11}\})$	154742504910672534362390528
4	$\mathcal{O}(21; \{4^6, 2^8\})$	618970019642690137449562112
4	$\mathcal{O}(21; \{4^8, 2^5\})$	2475880078570760549798248448
4	$\mathcal{O}(21; \{4^{10}, 2^2\})$	9903520314283042199192993792
4	$\mathcal{O}(20; \{4^2, 2^{18}\})$	2417851639229258349412352
4	$\mathcal{O}(20; \{4^4, 2^{15}\})$	9671406556917033397649408
4	$\mathcal{O}(20; \{4^6, 2^{12}\})$	38685626227668133590597632
4	$\mathcal{O}(20; \{4^8, 2^9\})$	154742504910672534362390528
4	$\mathcal{O}(20; \{4^{10}, 2^6\})$	618970019642690137449562112
4	$\mathcal{O}(20; \{4^{12}, 2^3\})$	2475880078570760549798248448

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(20; \{4^{14}\})$	9903520314283042199192993792
4	$\mathcal{O}(19; \{4^2, 2^{22}\})$	151115727451828646838272
4	$\mathcal{O}(19; \{4^4, 2^{19}\})$	604462909807314587353088
4	$\mathcal{O}(19; \{4^6, 2^{16}\})$	2417851639229258349412352
4	$\mathcal{O}(19; \{4^8, 2^{13}\})$	9671406556917033397649408
4	$\mathcal{O}(19; \{4^{10}, 2^{10}\})$	38685626227668133590597632
4	$\mathcal{O}(19; \{4^{12}, 2^7\})$	154742504910672534362390528
4	$\mathcal{O}(19; \{4^{14}, 2^4\})$	618970019642690137449562112
4	$\mathcal{O}(19; \{4^{16}, 2\})$	2475880078570760549798248448
4	$\mathcal{O}(18; \{4^2, 2^{26}\})$	9444732965739290427392
4	$\mathcal{O}(18; \{4^4, 2^{23}\})$	37778931862957161709568
4	$\mathcal{O}(18; \{4^6, 2^{20}\})$	151115727451828646838272
4	$\mathcal{O}(18; \{4^8, 2^{17}\})$	604462909807314587353088
4	$\mathcal{O}(18; \{4^{10}, 2^{14}\})$	2417851639229258349412352
4	$\mathcal{O}(18; \{4^{12}, 2^{11}\})$	9671406556917033397649408
4	$\mathcal{O}(18; \{4^{14}, 2^8\})$	38685626227668133590597632
4	$\mathcal{O}(18; \{4^{16}, 2^5\})$	154742504910672534362390528
4	$\mathcal{O}(18; \{4^{18}, 2^2\})$	618970019642690137449562112
4	$\mathcal{O}(17; \{4^2, 2^{30}\})$	590295810358705651712
4	$\mathcal{O}(17; \{4^4, 2^{27}\})$	2361183241434822606848
4	$\mathcal{O}(17; \{4^6, 2^{24}\})$	9444732965739290427392
4	$\mathcal{O}(17; \{4^8, 2^{21}\})$	37778931862957161709568
4	$\mathcal{O}(17; \{4^{10}, 2^{18}\})$	151115727451828646838272
4	$\mathcal{O}(17; \{4^{12}, 2^{15}\})$	604462909807314587353088
4	$\mathcal{O}(17; \{4^{14}, 2^{12}\})$	2417851639229258349412352
4	$\mathcal{O}(17; \{4^{16}, 2^9\})$	9671406556917033397649408
4	$\mathcal{O}(17; \{4^{18}, 2^6\})$	38685626227668133590597632
4	$\mathcal{O}(17; \{4^{20}, 2^3\})$	154742504910672534362390528
4	$\mathcal{O}(17; \{4^{22}\})$	618970019642690137449562112
4	$\mathcal{O}(16; \{4^2, 2^{34}\})$	36893488147419103232
4	$\mathcal{O}(16; \{4^4, 2^{31}\})$	147573952589676412928
4	$\mathcal{O}(16; \{4^6, 2^{28}\})$	590295810358705651712
4	$\mathcal{O}(16; \{4^8, 2^{25}\})$	2361183241434822606848
4	$\mathcal{O}(16; \{4^{10}, 2^{22}\})$	9444732965739290427392
4	$\mathcal{O}(16; \{4^{12}, 2^{19}\})$	37778931862957161709568
4	$\mathcal{O}(16; \{4^{14}, 2^{16}\})$	151115727451828646838272
4	$\mathcal{O}(16; \{4^{16}, 2^{13}\})$	604462909807314587353088
4	$\mathcal{O}(16; \{4^{18}, 2^{10}\})$	2417851639229258349412352
4	$\mathcal{O}(16; \{4^{20}, 2^7\})$	9671406556917033397649408
4	$\mathcal{O}(16; \{4^{22}, 2^4\})$	38685626227668133590597632
4	$\mathcal{O}(16; \{4^{24}, 2\})$	154742504910672534362390528
4	$\mathcal{O}(15; \{4^2, 2^{38}\})$	2305843009213693952
4	$\mathcal{O}(15; \{4^4, 2^{35}\})$	9223372036854775808

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(15; \{4^6, 2^{32}\})$	36893488147419103232
4	$\mathcal{O}(15; \{4^8, 2^{29}\})$	147573952589676412928
4	$\mathcal{O}(15; \{4^{10}, 2^{26}\})$	590295810358705651712
4	$\mathcal{O}(15; \{4^{12}, 2^{23}\})$	2361183241434822606848
4	$\mathcal{O}(15; \{4^{14}, 2^{20}\})$	9444732965739290427392
4	$\mathcal{O}(15; \{4^{16}, 2^{17}\})$	37778931862957161709568
4	$\mathcal{O}(15; \{4^{18}, 2^{14}\})$	151115727451828646838272
4	$\mathcal{O}(15; \{4^{20}, 2^{11}\})$	604462909807314587353088
4	$\mathcal{O}(15; \{4^{22}, 2^8\})$	2417851639229258349412352
4	$\mathcal{O}(15; \{4^{24}, 2^5\})$	9671406556917033397649408
4	$\mathcal{O}(15; \{4^{26}, 2^2\})$	38685626227668133590597632
4	$\mathcal{O}(14; \{4^2, 2^{42}\})$	144115188075855872
4	$\mathcal{O}(14; \{4^4, 2^{39}\})$	576460752303423488
4	$\mathcal{O}(14; \{4^6, 2^{36}\})$	2305843009213693952
4	$\mathcal{O}(14; \{4^8, 2^{33}\})$	9223372036854775808
4	$\mathcal{O}(14; \{4^{10}, 2^{30}\})$	36893488147419103232
4	$\mathcal{O}(14; \{4^{12}, 2^{27}\})$	147573952589676412928
4	$\mathcal{O}(14; \{4^{14}, 2^{24}\})$	590295810358705651712
4	$\mathcal{O}(14; \{4^{16}, 2^{21}\})$	2361183241434822606848
4	$\mathcal{O}(14; \{4^{18}, 2^{18}\})$	9444732965739290427392
4	$\mathcal{O}(14; \{4^{20}, 2^{15}\})$	37778931862957161709568
4	$\mathcal{O}(14; \{4^{22}, 2^{12}\})$	151115727451828646838272
4	$\mathcal{O}(14; \{4^{24}, 2^9\})$	604462909807314587353088
4	$\mathcal{O}(14; \{4^{26}, 2^6\})$	2417851639229258349412352
4	$\mathcal{O}(14; \{4^{28}, 2^3\})$	9671406556917033397649408
4	$\mathcal{O}(14; \{4^{30}\})$	38685626227668133590597632
4	$\mathcal{O}(13; \{4^2, 2^{46}\})$	9007199254740992
4	$\mathcal{O}(13; \{4^4, 2^{43}\})$	36028797018963968
4	$\mathcal{O}(13; \{4^6, 2^{40}\})$	144115188075855872
4	$\mathcal{O}(13; \{4^8, 2^{37}\})$	576460752303423488
4	$\mathcal{O}(13; \{4^{10}, 2^{34}\})$	2305843009213693952
4	$\mathcal{O}(13; \{4^{12}, 2^{31}\})$	9223372036854775808
4	$\mathcal{O}(13; \{4^{14}, 2^{28}\})$	36893488147419103232
4	$\mathcal{O}(13; \{4^{16}, 2^{25}\})$	147573952589676412928
4	$\mathcal{O}(13; \{4^{18}, 2^{22}\})$	590295810358705651712
4	$\mathcal{O}(13; \{4^{20}, 2^{19}\})$	2361183241434822606848
4	$\mathcal{O}(13; \{4^{22}, 2^{16}\})$	9444732965739290427392
4	$\mathcal{O}(13; \{4^{24}, 2^{13}\})$	37778931862957161709568
4	$\mathcal{O}(13; \{4^{26}, 2^{10}\})$	151115727451828646838272
4	$\mathcal{O}(13; \{4^{28}, 2^7\})$	604462909807314587353088
4	$\mathcal{O}(13; \{4^{30}, 2^4\})$	2417851639229258349412352
4	$\mathcal{O}(13; \{4^{32}, 2\})$	9671406556917033397649408
4	$\mathcal{O}(12; \{4^2, 2^{50}\})$	562949953421312

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(12; \{4^4, 2^{47}\})$	2251799813685248
4	$\mathcal{O}(12; \{4^6, 2^{44}\})$	9007199254740992
4	$\mathcal{O}(12; \{4^8, 2^{41}\})$	36028797018963968
4	$\mathcal{O}(12; \{4^{10}, 2^{38}\})$	144115188075855872
4	$\mathcal{O}(12; \{4^{12}, 2^{35}\})$	576460752303423488
4	$\mathcal{O}(12; \{4^{14}, 2^{32}\})$	2305843009213693952
4	$\mathcal{O}(12; \{4^{16}, 2^{29}\})$	9223372036854775808
4	$\mathcal{O}(12; \{4^{18}, 2^{26}\})$	36893488147419103232
4	$\mathcal{O}(12; \{4^{20}, 2^{23}\})$	147573952589676412928
4	$\mathcal{O}(12; \{4^{22}, 2^{20}\})$	590295810358705651712
4	$\mathcal{O}(12; \{4^{24}, 2^{17}\})$	2361183241434822606848
4	$\mathcal{O}(12; \{4^{26}, 2^{14}\})$	9444732965739290427392
4	$\mathcal{O}(12; \{4^{28}, 2^{11}\})$	37778931862957161709568
4	$\mathcal{O}(12; \{4^{30}, 2^8\})$	151115727451828646838272
4	$\mathcal{O}(12; \{4^{32}, 2^5\})$	604462909807314587353088
4	$\mathcal{O}(12; \{4^{34}, 2^2\})$	2417851639229258349412352
4	$\mathcal{O}(11; \{4^2, 2^{54}\})$	35184372088832
4	$\mathcal{O}(11; \{4^4, 2^{51}\})$	140737488355328
4	$\mathcal{O}(11; \{4^6, 2^{48}\})$	562949953421312
4	$\mathcal{O}(11; \{4^8, 2^{45}\})$	2251799813685248
4	$\mathcal{O}(11; \{4^{10}, 2^{42}\})$	9007199254740992
4	$\mathcal{O}(11; \{4^{12}, 2^{39}\})$	36028797018963968
4	$\mathcal{O}(11; \{4^{14}, 2^{36}\})$	144115188075855872
4	$\mathcal{O}(11; \{4^{16}, 2^{33}\})$	576460752303423488
4	$\mathcal{O}(11; \{4^{18}, 2^{30}\})$	2305843009213693952
4	$\mathcal{O}(11; \{4^{20}, 2^{27}\})$	9223372036854775808
4	$\mathcal{O}(11; \{4^{22}, 2^{24}\})$	36893488147419103232
4	$\mathcal{O}(11; \{4^{24}, 2^{21}\})$	147573952589676412928
4	$\mathcal{O}(11; \{4^{26}, 2^{18}\})$	590295810358705651712
4	$\mathcal{O}(11; \{4^{28}, 2^{15}\})$	2361183241434822606848
4	$\mathcal{O}(11; \{4^{30}, 2^{12}\})$	9444732965739290427392
4	$\mathcal{O}(11; \{4^{32}, 2^9\})$	37778931862957161709568
4	$\mathcal{O}(11; \{4^{34}, 2^6\})$	151115727451828646838272
4	$\mathcal{O}(11; \{4^{36}, 2^3\})$	604462909807314587353088
4	$\mathcal{O}(11; \{4^{38}\})$	2417851639229258349412352
4	$\mathcal{O}(10; \{4^2, 2^{58}\})$	2199023255552
4	$\mathcal{O}(10; \{4^4, 2^{55}\})$	8796093022208
4	$\mathcal{O}(10; \{4^6, 2^{52}\})$	35184372088832
4	$\mathcal{O}(10; \{4^8, 2^{49}\})$	140737488355328
4	$\mathcal{O}(10; \{4^{10}, 2^{46}\})$	562949953421312
4	$\mathcal{O}(10; \{4^{12}, 2^{43}\})$	2251799813685248
4	$\mathcal{O}(10; \{4^{14}, 2^{40}\})$	9007199254740992
4	$\mathcal{O}(10; \{4^{16}, 2^{37}\})$	36028797018963968

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(10; \{4^{18}, 2^{34}\})$	144115188075855872
4	$\mathcal{O}(10; \{4^{20}, 2^{31}\})$	576460752303423488
4	$\mathcal{O}(10; \{4^{22}, 2^{28}\})$	2305843009213693952
4	$\mathcal{O}(10; \{4^{24}, 2^{25}\})$	9223372036854775808
4	$\mathcal{O}(10; \{4^{26}, 2^{22}\})$	36893488147419103232
4	$\mathcal{O}(10; \{4^{28}, 2^{19}\})$	147573952589676412928
4	$\mathcal{O}(10; \{4^{30}, 2^{16}\})$	590295810358705651712
4	$\mathcal{O}(10; \{4^{32}, 2^{13}\})$	2361183241434822606848
4	$\mathcal{O}(10; \{4^{34}, 2^{10}\})$	9444732965739290427392
4	$\mathcal{O}(10; \{4^{36}, 2^7\})$	37778931862957161709568
4	$\mathcal{O}(10; \{4^{38}, 2^4\})$	151115727451828646838272
4	$\mathcal{O}(10; \{4^{40}, 2\})$	604462909807314587353088
4	$\mathcal{O}(9; \{4^2, 2^{62}\})$	137438953472
4	$\mathcal{O}(9; \{4^4, 2^{59}\})$	549755813888
4	$\mathcal{O}(9; \{4^6, 2^{56}\})$	2199023255552
4	$\mathcal{O}(9; \{4^8, 2^{53}\})$	8796093022208
4	$\mathcal{O}(9; \{4^{10}, 2^{50}\})$	35184372088832
4	$\mathcal{O}(9; \{4^{12}, 2^{47}\})$	140737488355328
4	$\mathcal{O}(9; \{4^{14}, 2^{44}\})$	562949953421312
4	$\mathcal{O}(9; \{4^{16}, 2^{41}\})$	2251799813685248
4	$\mathcal{O}(9; \{4^{18}, 2^{38}\})$	9007199254740992
4	$\mathcal{O}(9; \{4^{20}, 2^{35}\})$	36028797018963968
4	$\mathcal{O}(9; \{4^{22}, 2^{32}\})$	144115188075855872
4	$\mathcal{O}(9; \{4^{24}, 2^{29}\})$	576460752303423488
4	$\mathcal{O}(9; \{4^{26}, 2^{26}\})$	2305843009213693952
4	$\mathcal{O}(9; \{4^{28}, 2^{23}\})$	9223372036854775808
4	$\mathcal{O}(9; \{4^{30}, 2^{20}\})$	36893488147419103232
4	$\mathcal{O}(9; \{4^{32}, 2^{17}\})$	147573952589676412928
4	$\mathcal{O}(9; \{4^{34}, 2^{14}\})$	590295810358705651712
4	$\mathcal{O}(9; \{4^{36}, 2^{11}\})$	2361183241434822606848
4	$\mathcal{O}(9; \{4^{38}, 2^8\})$	9444732965739290427392
4	$\mathcal{O}(9; \{4^{40}, 2^5\})$	37778931862957161709568
4	$\mathcal{O}(9; \{4^{42}, 2^2\})$	151115727451828646838272
4	$\mathcal{O}(8; \{4^2, 2^{66}\})$	8589934592
4	$\mathcal{O}(8; \{4^4, 2^{63}\})$	34359738368
4	$\mathcal{O}(8; \{4^6, 2^{60}\})$	137438953472
4	$\mathcal{O}(8; \{4^8, 2^{57}\})$	549755813888
4	$\mathcal{O}(8; \{4^{10}, 2^{54}\})$	2199023255552
4	$\mathcal{O}(8; \{4^{12}, 2^{51}\})$	8796093022208
4	$\mathcal{O}(8; \{4^{14}, 2^{48}\})$	35184372088832
4	$\mathcal{O}(8; \{4^{16}, 2^{45}\})$	140737488355328
4	$\mathcal{O}(8; \{4^{18}, 2^{42}\})$	562949953421312
4	$\mathcal{O}(8; \{4^{20}, 2^{39}\})$	2251799813685248

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(8; \{4^{22}, 2^{36}\})$	9007199254740992
4	$\mathcal{O}(8; \{4^{24}, 2^{33}\})$	36028797018963968
4	$\mathcal{O}(8; \{4^{26}, 2^{30}\})$	144115188075855872
4	$\mathcal{O}(8; \{4^{28}, 2^{27}\})$	576460752303423488
4	$\mathcal{O}(8; \{4^{30}, 2^{24}\})$	2305843009213693952
4	$\mathcal{O}(8; \{4^{32}, 2^{21}\})$	9223372036854775808
4	$\mathcal{O}(8; \{4^{34}, 2^{18}\})$	36893488147419103232
4	$\mathcal{O}(8; \{4^{36}, 2^{15}\})$	147573952589676412928
4	$\mathcal{O}(8; \{4^{38}, 2^{12}\})$	590295810358705651712
4	$\mathcal{O}(8; \{4^{40}, 2^9\})$	2361183241434822606848
4	$\mathcal{O}(8; \{4^{42}, 2^6\})$	9444732965739290427392
4	$\mathcal{O}(8; \{4^{44}, 2^3\})$	37778931862957161709568
4	$\mathcal{O}(8; \{4^{46}\})$	151115727451828646838272
4	$\mathcal{O}(7; \{4^2, 2^{70}\})$	536870912
4	$\mathcal{O}(7; \{4^4, 2^{67}\})$	2147483648
4	$\mathcal{O}(7; \{4^6, 2^{64}\})$	8589934592
4	$\mathcal{O}(7; \{4^8, 2^{61}\})$	34359738368
4	$\mathcal{O}(7; \{4^{10}, 2^{58}\})$	137438953472
4	$\mathcal{O}(7; \{4^{12}, 2^{55}\})$	549755813888
4	$\mathcal{O}(7; \{4^{14}, 2^{52}\})$	2199023255552
4	$\mathcal{O}(7; \{4^{16}, 2^{49}\})$	8796093022208
4	$\mathcal{O}(7; \{4^{18}, 2^{46}\})$	35184372088832
4	$\mathcal{O}(7; \{4^{20}, 2^{43}\})$	140737488355328
4	$\mathcal{O}(7; \{4^{22}, 2^{40}\})$	562949953421312
4	$\mathcal{O}(7; \{4^{24}, 2^{37}\})$	2251799813685248
4	$\mathcal{O}(7; \{4^{26}, 2^{34}\})$	9007199254740992
4	$\mathcal{O}(7; \{4^{28}, 2^{31}\})$	36028797018963968
4	$\mathcal{O}(7; \{4^{30}, 2^{28}\})$	144115188075855872
4	$\mathcal{O}(7; \{4^{32}, 2^{25}\})$	576460752303423488
4	$\mathcal{O}(7; \{4^{34}, 2^{22}\})$	2305843009213693952
4	$\mathcal{O}(7; \{4^{36}, 2^{19}\})$	9223372036854775808
4	$\mathcal{O}(7; \{4^{38}, 2^{16}\})$	36893488147419103232
4	$\mathcal{O}(7; \{4^{40}, 2^{13}\})$	147573952589676412928
4	$\mathcal{O}(7; \{4^{42}, 2^{10}\})$	590295810358705651712
4	$\mathcal{O}(7; \{4^{44}, 2^7\})$	2361183241434822606848
4	$\mathcal{O}(7; \{4^{46}, 2^4\})$	9444732965739290427392
4	$\mathcal{O}(7; \{4^{48}, 2\})$	37778931862957161709568
4	$\mathcal{O}(6; \{4^2, 2^{74}\})$	33554432
4	$\mathcal{O}(6; \{4^4, 2^{71}\})$	134217728
4	$\mathcal{O}(6; \{4^6, 2^{68}\})$	536870912
4	$\mathcal{O}(6; \{4^8, 2^{65}\})$	2147483648
4	$\mathcal{O}(6; \{4^{10}, 2^{62}\})$	8589934592
4	$\mathcal{O}(6; \{4^{12}, 2^{59}\})$	34359738368

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(6; \{4^{14}, 2^{56}\})$	137438953472
4	$\mathcal{O}(6; \{4^{16}, 2^{53}\})$	549755813888
4	$\mathcal{O}(6; \{4^{18}, 2^{50}\})$	2199023255552
4	$\mathcal{O}(6; \{4^{20}, 2^{47}\})$	8796093022208
4	$\mathcal{O}(6; \{4^{22}, 2^{44}\})$	35184372088832
4	$\mathcal{O}(6; \{4^{24}, 2^{41}\})$	140737488355328
4	$\mathcal{O}(6; \{4^{26}, 2^{38}\})$	562949953421312
4	$\mathcal{O}(6; \{4^{28}, 2^{35}\})$	2251799813685248
4	$\mathcal{O}(6; \{4^{30}, 2^{32}\})$	9007199254740992
4	$\mathcal{O}(6; \{4^{32}, 2^{29}\})$	36028797018963968
4	$\mathcal{O}(6; \{4^{34}, 2^{26}\})$	144115188075855872
4	$\mathcal{O}(6; \{4^{36}, 2^{23}\})$	576460752303423488
4	$\mathcal{O}(6; \{4^{38}, 2^{20}\})$	2305843009213693952
4	$\mathcal{O}(6; \{4^{40}, 2^{17}\})$	9223372036854775808
4	$\mathcal{O}(6; \{4^{42}, 2^{14}\})$	36893488147419103232
4	$\mathcal{O}(6; \{4^{44}, 2^{11}\})$	147573952589676412928
4	$\mathcal{O}(6; \{4^{46}, 2^8\})$	590295810358705651712
4	$\mathcal{O}(6; \{4^{48}, 2^5\})$	2361183241434822606848
4	$\mathcal{O}(6; \{4^{50}, 2^2\})$	9444732965739290427392
4	$\mathcal{O}(5; \{4^2, 2^{78}\})$	2097152
4	$\mathcal{O}(5; \{4^4, 2^{75}\})$	8388608
4	$\mathcal{O}(5; \{4^6, 2^{72}\})$	33554432
4	$\mathcal{O}(5; \{4^8, 2^{69}\})$	134217728
4	$\mathcal{O}(5; \{4^{10}, 2^{66}\})$	536870912
4	$\mathcal{O}(5; \{4^{12}, 2^{63}\})$	2147483648
4	$\mathcal{O}(5; \{4^{14}, 2^{60}\})$	8589934592
4	$\mathcal{O}(5; \{4^{16}, 2^{57}\})$	34359738368
4	$\mathcal{O}(5; \{4^{18}, 2^{54}\})$	137438953472
4	$\mathcal{O}(5; \{4^{20}, 2^{51}\})$	549755813888
4	$\mathcal{O}(5; \{4^{22}, 2^{48}\})$	2199023255552
4	$\mathcal{O}(5; \{4^{24}, 2^{45}\})$	8796093022208
4	$\mathcal{O}(5; \{4^{26}, 2^{42}\})$	35184372088832
4	$\mathcal{O}(5; \{4^{28}, 2^{39}\})$	140737488355328
4	$\mathcal{O}(5; \{4^{30}, 2^{36}\})$	562949953421312
4	$\mathcal{O}(5; \{4^{32}, 2^{33}\})$	2251799813685248
4	$\mathcal{O}(5; \{4^{34}, 2^{30}\})$	9007199254740992
4	$\mathcal{O}(5; \{4^{36}, 2^{27}\})$	36028797018963968
4	$\mathcal{O}(5; \{4^{38}, 2^{24}\})$	144115188075855872
4	$\mathcal{O}(5; \{4^{40}, 2^{21}\})$	576460752303423488
4	$\mathcal{O}(5; \{4^{42}, 2^{18}\})$	2305843009213693952
4	$\mathcal{O}(5; \{4^{44}, 2^{15}\})$	9223372036854775808
4	$\mathcal{O}(5; \{4^{46}, 2^{12}\})$	36893488147419103232
4	$\mathcal{O}(5; \{4^{48}, 2^9\})$	147573952589676412928

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(5; \{4^{50}, 2^6\})$	590295810358705651712
4	$\mathcal{O}(5; \{4^{52}, 2^3\})$	2361183241434822606848
4	$\mathcal{O}(5; \{4^{54}\})$	9444732965739290427392
4	$\mathcal{O}(4; \{4^2, 2^{82}\})$	131072
4	$\mathcal{O}(4; \{4^4, 2^{79}\})$	524288
4	$\mathcal{O}(4; \{4^6, 2^{76}\})$	2097152
4	$\mathcal{O}(4; \{4^8, 2^{73}\})$	8388608
4	$\mathcal{O}(4; \{4^{10}, 2^{70}\})$	33554432
4	$\mathcal{O}(4; \{4^{12}, 2^{67}\})$	134217728
4	$\mathcal{O}(4; \{4^{14}, 2^{64}\})$	536870912
4	$\mathcal{O}(4; \{4^{16}, 2^{61}\})$	2147483648
4	$\mathcal{O}(4; \{4^{18}, 2^{58}\})$	8589934592
4	$\mathcal{O}(4; \{4^{20}, 2^{55}\})$	34359738368
4	$\mathcal{O}(4; \{4^{22}, 2^{52}\})$	137438953472
4	$\mathcal{O}(4; \{4^{24}, 2^{49}\})$	549755813888
4	$\mathcal{O}(4; \{4^{26}, 2^{46}\})$	2199023255552
4	$\mathcal{O}(4; \{4^{28}, 2^{43}\})$	8796093022208
4	$\mathcal{O}(4; \{4^{30}, 2^{40}\})$	35184372088832
4	$\mathcal{O}(4; \{4^{32}, 2^{37}\})$	140737488355328
4	$\mathcal{O}(4; \{4^{34}, 2^{34}\})$	562949953421312
4	$\mathcal{O}(4; \{4^{36}, 2^{31}\})$	2251799813685248
4	$\mathcal{O}(4; \{4^{38}, 2^{28}\})$	9007199254740992
4	$\mathcal{O}(4; \{4^{40}, 2^{25}\})$	36028797018963968
4	$\mathcal{O}(4; \{4^{42}, 2^{22}\})$	144115188075855872
4	$\mathcal{O}(4; \{4^{44}, 2^{19}\})$	576460752303423488
4	$\mathcal{O}(4; \{4^{46}, 2^{16}\})$	2305843009213693952
4	$\mathcal{O}(4; \{4^{48}, 2^{13}\})$	9223372036854775808
4	$\mathcal{O}(4; \{4^{50}, 2^{10}\})$	36893488147419103232
4	$\mathcal{O}(4; \{4^{52}, 2^7\})$	147573952589676412928
4	$\mathcal{O}(4; \{4^{54}, 2^4\})$	590295810358705651712
4	$\mathcal{O}(4; \{4^{56}, 2\})$	2361183241434822606848
4	$\mathcal{O}(3; \{4^2, 2^{86}\})$	8192
4	$\mathcal{O}(3; \{4^4, 2^{83}\})$	32768
4	$\mathcal{O}(3; \{4^6, 2^{80}\})$	131072
4	$\mathcal{O}(3; \{4^8, 2^{77}\})$	524288
4	$\mathcal{O}(3; \{4^{10}, 2^{74}\})$	2097152
4	$\mathcal{O}(3; \{4^{12}, 2^{71}\})$	8388608
4	$\mathcal{O}(3; \{4^{14}, 2^{68}\})$	33554432
4	$\mathcal{O}(3; \{4^{16}, 2^{65}\})$	134217728
4	$\mathcal{O}(3; \{4^{18}, 2^{62}\})$	536870912
4	$\mathcal{O}(3; \{4^{20}, 2^{59}\})$	2147483648
4	$\mathcal{O}(3; \{4^{22}, 2^{56}\})$	8589934592
4	$\mathcal{O}(3; \{4^{24}, 2^{53}\})$	34359738368

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(3; \{4^{26}, 2^{50}\})$	137438953472
4	$\mathcal{O}(3; \{4^{28}, 2^{47}\})$	549755813888
4	$\mathcal{O}(3; \{4^{30}, 2^{44}\})$	2199023255552
4	$\mathcal{O}(3; \{4^{32}, 2^{41}\})$	8796093022208
4	$\mathcal{O}(3; \{4^{34}, 2^{38}\})$	35184372088832
4	$\mathcal{O}(3; \{4^{36}, 2^{35}\})$	140737488355328
4	$\mathcal{O}(3; \{4^{38}, 2^{32}\})$	562949953421312
4	$\mathcal{O}(3; \{4^{40}, 2^{29}\})$	2251799813685248
4	$\mathcal{O}(3; \{4^{42}, 2^{26}\})$	9007199254740992
4	$\mathcal{O}(3; \{4^{44}, 2^{23}\})$	36028797018963968
4	$\mathcal{O}(3; \{4^{46}, 2^{20}\})$	144115188075855872
4	$\mathcal{O}(3; \{4^{48}, 2^{17}\})$	576460752303423488
4	$\mathcal{O}(3; \{4^{50}, 2^{14}\})$	2305843009213693952
4	$\mathcal{O}(3; \{4^{52}, 2^{11}\})$	9223372036854775808
4	$\mathcal{O}(3; \{4^{54}, 2^8\})$	36893488147419103232
4	$\mathcal{O}(3; \{4^{56}, 2^5\})$	147573952589676412928
4	$\mathcal{O}(3; \{4^{58}, 2^2\})$	590295810358705651712
4	$\mathcal{O}(2; \{4^2, 2^{90}\})$	512
4	$\mathcal{O}(2; \{4^4, 2^{87}\})$	2048
4	$\mathcal{O}(2; \{4^6, 2^{84}\})$	8192
4	$\mathcal{O}(2; \{4^8, 2^{81}\})$	32768
4	$\mathcal{O}(2; \{4^{10}, 2^{78}\})$	131072
4	$\mathcal{O}(2; \{4^{12}, 2^{75}\})$	524288
4	$\mathcal{O}(2; \{4^{14}, 2^{72}\})$	2097152
4	$\mathcal{O}(2; \{4^{16}, 2^{69}\})$	8388608
4	$\mathcal{O}(2; \{4^{18}, 2^{66}\})$	33554432
4	$\mathcal{O}(2; \{4^{20}, 2^{63}\})$	134217728
4	$\mathcal{O}(2; \{4^{22}, 2^{60}\})$	536870912
4	$\mathcal{O}(2; \{4^{24}, 2^{57}\})$	2147483648
4	$\mathcal{O}(2; \{4^{26}, 2^{54}\})$	8589934592
4	$\mathcal{O}(2; \{4^{28}, 2^{51}\})$	34359738368
4	$\mathcal{O}(2; \{4^{30}, 2^{48}\})$	137438953472
4	$\mathcal{O}(2; \{4^{32}, 2^{45}\})$	549755813888
4	$\mathcal{O}(2; \{4^{34}, 2^{42}\})$	2199023255552
4	$\mathcal{O}(2; \{4^{36}, 2^{39}\})$	8796093022208
4	$\mathcal{O}(2; \{4^{38}, 2^{36}\})$	35184372088832
4	$\mathcal{O}(2; \{4^{40}, 2^{33}\})$	140737488355328
4	$\mathcal{O}(2; \{4^{42}, 2^{30}\})$	562949953421312
4	$\mathcal{O}(2; \{4^{44}, 2^{27}\})$	2251799813685248
4	$\mathcal{O}(2; \{4^{46}, 2^{24}\})$	9007199254740992
4	$\mathcal{O}(2; \{4^{48}, 2^{21}\})$	36028797018963968
4	$\mathcal{O}(2; \{4^{50}, 2^{18}\})$	144115188075855872
4	$\mathcal{O}(2; \{4^{52}, 2^{15}\})$	576460752303423488

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(2; \{4^{54}, 2^{12}\})$	2305843009213693952
4	$\mathcal{O}(2; \{4^{56}, 2^9\})$	9223372036854775808
4	$\mathcal{O}(2; \{4^{58}, 2^6\})$	36893488147419103232
4	$\mathcal{O}(2; \{4^{60}, 2^3\})$	147573952589676412928
4	$\mathcal{O}(2; \{4^{62}, 2\})$	590295810358705651712
4	$\mathcal{O}(1; \{4^2, 2^{94}\})$	32
4	$\mathcal{O}(1; \{4^4, 2^{91}\})$	128
4	$\mathcal{O}(1; \{4^6, 2^{88}\})$	512
4	$\mathcal{O}(1; \{4^8, 2^{85}\})$	2048
4	$\mathcal{O}(1; \{4^{10}, 2^{82}\})$	8192
4	$\mathcal{O}(1; \{4^{12}, 2^{79}\})$	32768
4	$\mathcal{O}(1; \{4^{14}, 2^{76}\})$	131072
4	$\mathcal{O}(1; \{4^{16}, 2^{73}\})$	524288
4	$\mathcal{O}(1; \{4^{18}, 2^{70}\})$	2097152
4	$\mathcal{O}(1; \{4^{20}, 2^{67}\})$	8388608
4	$\mathcal{O}(1; \{4^{22}, 2^{64}\})$	33554432
4	$\mathcal{O}(1; \{4^{24}, 2^{61}\})$	134217728
4	$\mathcal{O}(1; \{4^{26}, 2^{58}\})$	536870912
4	$\mathcal{O}(1; \{4^{28}, 2^{55}\})$	2147483648
4	$\mathcal{O}(1; \{4^{30}, 2^{52}\})$	8589934592
4	$\mathcal{O}(1; \{4^{32}, 2^{49}\})$	34359738368
4	$\mathcal{O}(1; \{4^{34}, 2^{46}\})$	137438953472
4	$\mathcal{O}(1; \{4^{36}, 2^{43}\})$	549755813888
4	$\mathcal{O}(1; \{4^{38}, 2^{40}\})$	2199023255552
4	$\mathcal{O}(1; \{4^{40}, 2^{37}\})$	8796093022208
4	$\mathcal{O}(1; \{4^{42}, 2^{34}\})$	35184372088832
4	$\mathcal{O}(1; \{4^{44}, 2^{31}\})$	140737488355328
4	$\mathcal{O}(1; \{4^{46}, 2^{28}\})$	562949953421312
4	$\mathcal{O}(1; \{4^{48}, 2^{25}\})$	2251799813685248
4	$\mathcal{O}(1; \{4^{50}, 2^{22}\})$	9007199254740992
4	$\mathcal{O}(1; \{4^{52}, 2^{19}\})$	36028797018963968
4	$\mathcal{O}(1; \{4^{54}, 2^{16}\})$	144115188075855872
4	$\mathcal{O}(1; \{4^{56}, 2^{13}\})$	576460752303423488
4	$\mathcal{O}(1; \{4^{58}, 2^{10}\})$	2305843009213693952
4	$\mathcal{O}(1; \{4^{60}, 2^7\})$	9223372036854775808
4	$\mathcal{O}(1; \{4^{62}, 2^4\})$	36893488147419103232
4	$\mathcal{O}(1; \{4^{64}, 2\})$	147573952589676412928
4	$\mathcal{O}(0; \{4^2, 2^{98}\})$	2
4	$\mathcal{O}(0; \{4^4, 2^{95}\})$	8
4	$\mathcal{O}(0; \{4^6, 2^{92}\})$	32
4	$\mathcal{O}(0; \{4^8, 2^{89}\})$	128
4	$\mathcal{O}(0; \{4^{10}, 2^{86}\})$	512
4	$\mathcal{O}(0; \{4^{12}, 2^{83}\})$	2048

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(0; \{4^{14}, 2^{80}\})$	8192
4	$\mathcal{O}(0; \{4^{16}, 2^{77}\})$	32768
4	$\mathcal{O}(0; \{4^{18}, 2^{74}\})$	131072
4	$\mathcal{O}(0; \{4^{20}, 2^{71}\})$	524288
4	$\mathcal{O}(0; \{4^{22}, 2^{68}\})$	2097152
4	$\mathcal{O}(0; \{4^{24}, 2^{65}\})$	8388608
4	$\mathcal{O}(0; \{4^{26}, 2^{62}\})$	33554432
4	$\mathcal{O}(0; \{4^{28}, 2^{59}\})$	134217728
4	$\mathcal{O}(0; \{4^{30}, 2^{56}\})$	536870912
4	$\mathcal{O}(0; \{4^{32}, 2^{53}\})$	2147483648
4	$\mathcal{O}(0; \{4^{34}, 2^{50}\})$	8589934592
4	$\mathcal{O}(0; \{4^{36}, 2^{47}\})$	34359738368
4	$\mathcal{O}(0; \{4^{38}, 2^{44}\})$	137438953472
4	$\mathcal{O}(0; \{4^{40}, 2^{41}\})$	549755813888
4	$\mathcal{O}(0; \{4^{42}, 2^{38}\})$	2199023255552
4	$\mathcal{O}(0; \{4^{44}, 2^{35}\})$	8796093022208
4	$\mathcal{O}(0; \{4^{46}, 2^{32}\})$	35184372088832
4	$\mathcal{O}(0; \{4^{48}, 2^{29}\})$	140737488355328
4	$\mathcal{O}(0; \{4^{50}, 2^{26}\})$	562949953421312
4	$\mathcal{O}(0; \{4^{52}, 2^{23}\})$	2251799813685248
4	$\mathcal{O}(0; \{4^{54}, 2^{20}\})$	9007199254740992
4	$\mathcal{O}(0; \{4^{56}, 2^{17}\})$	36028797018963968
4	$\mathcal{O}(0; \{4^{58}, 2^{14}\})$	144115188075855872
4	$\mathcal{O}(0; \{4^{60}, 2^{11}\})$	576460752303423488
4	$\mathcal{O}(0; \{4^{62}, 2^8\})$	2305843009213693952
4	$\mathcal{O}(0; \{4^{64}, 2^5\})$	9223372036854775808
4	$\mathcal{O}(0; \{4^{66}, 2^2\})$	36893488147419103232
5	$\mathcal{O}(18; \{5^6\})$	11932570487260818481445312500
5	$\mathcal{O}(16; \{5^{11}\})$	19531231373548507690429687500
5	$\mathcal{O}(14; \{5^{16}\})$	32000000029802322387695312500
5	$\mathcal{O}(12; \{5^{21}\})$	52428799999952316284179687500
5	$\mathcal{O}(10; \{5^{26}\})$	85899345920000076293945312500
5	$\mathcal{O}(8; \{5^{31}\})$	140737488355327999877929687500
5	$\mathcal{O}(6; \{5^{36}\})$	230584300921369395200195312500
5	$\mathcal{O}(4; \{5^{41}\})$	377789318629571617095679687500
5	$\mathcal{O}(2; \{5^{46}\})$	618970019642690137449562112500
5	$\mathcal{O}(0; \{5^{51}\})$	1014120480182583521197362564300
6	$\mathcal{O}(16; \{3^2, 2^2\})$	15917322219892801768783872
6	$\mathcal{O}(16; \{6^2, 3\})$	15917322219892801768783872
6	$\mathcal{O}(15; \{3^2, 2^6\})$	442147839441466715799552
6	$\mathcal{O}(15; \{3^5, 2^2\})$	2210739197207333578997760
6	$\mathcal{O}(15; \{6, 3^3, 2^3\})$	1326443518324400147398656
6	$\mathcal{O}(15; \{6^2, 3, 2^4\})$	442147839441466715799552

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(15; \{6^2, 3^4\})$	4863626233856133873795072
6	$\mathcal{O}(15; \{6^3, 3^2, 2\})$	2210739197207333578997760
6	$\mathcal{O}(15; \{6^4, 2^2\})$	1326443518324400147398656
6	$\mathcal{O}(14; \{3^2, 2^{10}\})$	12281884428929630994432
6	$\mathcal{O}(14; \{3^5, 2^6\})$	61409422144648154972160
6	$\mathcal{O}(14; \{3^8, 2^2\})$	528121030443974132760576
6	$\mathcal{O}(14; \{6, 3^3, 2^7\})$	36845653286788892983296
6	$\mathcal{O}(14; \{6, 3^6, 2^3\})$	257919573007522250883072
6	$\mathcal{O}(14; \{6^2, 3, 2^8\})$	12281884428929630994432
6	$\mathcal{O}(14; \{6^2, 3^4, 2^4\})$	135100728718225940938752
6	$\mathcal{O}(14; \{6^2, 3^7\})$	1043960176459018634526720
6	$\mathcal{O}(14; \{6^3, 3^2, 2^5\})$	61409422144648154972160
6	$\mathcal{O}(14; \{6^3, 3^5, 2\})$	528121030443974132760576
6	$\mathcal{O}(14; \{6^4, 2^6\})$	36845653286788892983296
6	$\mathcal{O}(14; \{6^4, 3^3, 2^2\})$	257919573007522250883072
6	$\mathcal{O}(14; \{6^5, 3, 2^3\})$	135100728718225940938752
6	$\mathcal{O}(14; \{6^6, 3^2\})$	528121030443974132760576
6	$\mathcal{O}(14; \{6^7, 2\})$	257919573007522250883072
6	$\mathcal{O}(13; \{3^2, 2^{14}\})$	341163456359156416512
6	$\mathcal{O}(13; \{3^5, 2^{10}\})$	1705817281795782082560
6	$\mathcal{O}(13; \{3^8, 2^6\})$	14670028623443725910016
6	$\mathcal{O}(13; \{3^{11}, 2^2\})$	116336738618472338030592
6	$\mathcal{O}(13; \{6, 3^3, 2^{11}\})$	1023490369077469249536
6	$\mathcal{O}(13; \{6, 3^6, 2^7\})$	7164432583542284746752
6	$\mathcal{O}(13; \{6, 3^9, 2^3\})$	58338951037415747223552
6	$\mathcal{O}(13; \{6^2, 3, 2^{12}\})$	341163456359156416512
6	$\mathcal{O}(13; \{6^2, 3^4, 2^8\})$	3752798019950720581632
6	$\mathcal{O}(13; \{6^2, 3^7, 2^4\})$	28998893790528295403520
6	$\mathcal{O}(13; \{6^2, 3^{10}\})$	233014640693303832477696
6	$\mathcal{O}(13; \{6^3, 3^2, 2^9\})$	1705817281795782082560
6	$\mathcal{O}(13; \{6^3, 3^5, 2^5\})$	14670028623443725910016
6	$\mathcal{O}(13; \{6^3, 3^8, 2\})$	116336738618472338030592
6	$\mathcal{O}(13; \{6^4, 2^{10}\})$	1023490369077469249536
6	$\mathcal{O}(13; \{6^4, 3^3, 2^6\})$	7164432583542284746752
6	$\mathcal{O}(13; \{6^4, 3^6, 2^2\})$	58338951037415747223552
6	$\mathcal{O}(13; \{6^5, 3, 2^7\})$	3752798019950720581632
6	$\mathcal{O}(13; \{6^5, 3^4, 2^3\})$	28998893790528295403520
6	$\mathcal{O}(13; \{6^6, 3^2, 2^4\})$	14670028623443725910016
6	$\mathcal{O}(13; \{6^6, 3^5\})$	116336738618472338030592
6	$\mathcal{O}(13; \{6^7, 2^5\})$	7164432583542284746752
6	$\mathcal{O}(13; \{6^7, 3^3, 2\})$	58338951037415747223552
6	$\mathcal{O}(13; \{6^8, 3, 2^2\})$	28998893790528295403520
6	$\mathcal{O}(13; \{6^{10}\})$	58338951037415747223552

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(12; \{3^2, 2^{18}\})$	9476762676643233792
6	$\mathcal{O}(12; \{3^5, 2^{14}\})$	47383813383216168960
6	$\mathcal{O}(12; \{3^8, 2^{10}\})$	407500795095659053056
6	$\mathcal{O}(12; \{3^{11}, 2^6\})$	3231576072735342723072
6	$\mathcal{O}(12; \{3^{14}, 2^2\})$	25881038869912671485952
6	$\mathcal{O}(12; \{6, 3^3, 2^{15}\})$	28430288029929701376
6	$\mathcal{O}(12; \{6, 3^6, 2^{11}\})$	199012016209507909632
6	$\mathcal{O}(12; \{6, 3^9, 2^7\})$	1620526417705992978432
6	$\mathcal{O}(12; \{6, 3^{12}, 2^3\})$	12935781053618014126080
6	$\mathcal{O}(12; \{6^2, 3, 2^{16}\})$	9476762676643233792
6	$\mathcal{O}(12; \{6^2, 3^4, 2^{12}\})$	104244389443075571712
6	$\mathcal{O}(12; \{6^2, 3^7, 2^8\})$	805524827514674872320
6	$\mathcal{O}(12; \{6^2, 3^{10}, 2^4\})$	6472628908147328679936
6	$\mathcal{O}(12; \{6^2, 3^{13}\})$	51752600977148699738112
6	$\mathcal{O}(12; \{6^3, 3^2, 2^{13}\})$	47383813383216168960
6	$\mathcal{O}(12; \{6^3, 3^5, 2^9\})$	407500795095659053056
6	$\mathcal{O}(12; \{6^3, 3^8, 2^5\})$	3231576072735342723072
6	$\mathcal{O}(12; \{6^3, 3^{11}, 2\})$	25881038869912671485952
6	$\mathcal{O}(12; \{6^4, 2^{14}\})$	28430288029929701376
6	$\mathcal{O}(12; \{6^4, 3^3, 2^{10}\})$	199012016209507909632
6	$\mathcal{O}(12; \{6^4, 3^6, 2^6\})$	1620526417705992978432
6	$\mathcal{O}(12; \{6^4, 3^9, 2^2\})$	12935781053618014126080
6	$\mathcal{O}(12; \{6^5, 3, 2^{11}\})$	104244389443075571712
6	$\mathcal{O}(12; \{6^5, 3^4, 2^7\})$	805524827514674872320
6	$\mathcal{O}(12; \{6^5, 3^7, 2^3\})$	6472628908147328679936
6	$\mathcal{O}(12; \{6^6, 3^2, 2^8\})$	407500795095659053056
6	$\mathcal{O}(12; \{6^6, 3^5, 2^4\})$	3231576072735342723072
6	$\mathcal{O}(12; \{6^6, 3^8\})$	25881038869912671485952
6	$\mathcal{O}(12; \{6^7, 2^9\})$	199012016209507909632
6	$\mathcal{O}(12; \{6^7, 3^3, 2^5\})$	1620526417705992978432
6	$\mathcal{O}(12; \{6^7, 3^6, 2\})$	12935781053618014126080
6	$\mathcal{O}(12; \{6^8, 3, 2^6\})$	805524827514674872320
6	$\mathcal{O}(12; \{6^8, 3^4, 2^2\})$	6472628908147328679936
6	$\mathcal{O}(12; \{6^9, 3^2, 2^3\})$	3231576072735342723072
6	$\mathcal{O}(12; \{6^{10}, 2^4\})$	1620526417705992978432
6	$\mathcal{O}(12; \{6^{10}, 3^3\})$	12935781053618014126080
6	$\mathcal{O}(12; \{6^{11}, 3, 2\})$	6472628908147328679936
6	$\mathcal{O}(11; \{3^2, 2^{22}\})$	263243407684534272
6	$\mathcal{O}(11; \{3^5, 2^{18}\})$	1316217038422671360
6	$\mathcal{O}(11; \{3^8, 2^{14}\})$	11319466530434973696
6	$\mathcal{O}(11; \{3^{11}, 2^{10}\})$	89766002020426186752
6	$\mathcal{O}(11; \{3^{14}, 2^6\})$	718917746386463096832
6	$\mathcal{O}(11; \{3^{17}, 2^2\})$	5750552240868651171840

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(11; \{6, 3^3, 2^{19}\})$	789730223053602816
6	$\mathcal{O}(11; \{6, 3^6, 2^{15}\})$	5528111561375219712
6	$\mathcal{O}(11; \{6, 3^9, 2^{11}\})$	45014622714055360512
6	$\mathcal{O}(11; \{6, 3^{12}, 2^7\})$	359327251489389281280
6	$\mathcal{O}(11; \{6, 3^{15}, 2^3\})$	2875407742138167853056
6	$\mathcal{O}(11; \{6^2, 3, 2^{20}\})$	263243407684534272
6	$\mathcal{O}(11; \{6^2, 3^4, 2^{16}\})$	2895677484529876992
6	$\mathcal{O}(11; \{6^2, 3^7, 2^{12}\})$	22375689653185413120
6	$\mathcal{O}(11; \{6^2, 3^{10}, 2^8\})$	179795247448536907776
6	$\mathcal{O}(11; \{6^2, 3^{13}, 2^4\})$	1437572249365241659392
6	$\mathcal{O}(11; \{6^2, 3^{16}\})$	11501367725144986877952
6	$\mathcal{O}(11; \{6^3, 3^2, 2^{17}\})$	1316217038422671360
6	$\mathcal{O}(11; \{6^3, 3^5, 2^{13}\})$	11319466530434973696
6	$\mathcal{O}(11; \{6^3, 3^8, 2^9\})$	89766002020426186752
6	$\mathcal{O}(11; \{6^3, 3^{11}, 2^5\})$	718917746386463096832
6	$\mathcal{O}(11; \{6^3, 3^{14}, 2\})$	5750552240868651171840
6	$\mathcal{O}(11; \{6^4, 2^{18}\})$	789730223053602816
6	$\mathcal{O}(11; \{6^4, 3^3, 2^{14}\})$	5528111561375219712
6	$\mathcal{O}(11; \{6^4, 3^6, 2^{10}\})$	45014622714055360512
6	$\mathcal{O}(11; \{6^4, 3^9, 2^6\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^4, 3^{12}, 2^2\})$	2875407742138167853056
6	$\mathcal{O}(11; \{6^5, 3, 2^{15}\})$	2895677484529876992
6	$\mathcal{O}(11; \{6^5, 3^4, 2^{11}\})$	22375689653185413120
6	$\mathcal{O}(11; \{6^5, 3^7, 2^7\})$	179795247448536907776
6	$\mathcal{O}(11; \{6^5, 3^{10}, 2^3\})$	1437572249365241659392
6	$\mathcal{O}(11; \{6^6, 3^2, 2^{12}\})$	11319466530434973696
6	$\mathcal{O}(11; \{6^6, 3^5, 2^8\})$	89766002020426186752
6	$\mathcal{O}(11; \{6^6, 3^8, 2^4\})$	718917746386463096832
6	$\mathcal{O}(11; \{6^6, 3^{11}\})$	5750552240868651171840
6	$\mathcal{O}(11; \{6^7, 2^{13}\})$	5528111561375219712
6	$\mathcal{O}(11; \{6^7, 3^3, 2^9\})$	45014622714055360512
6	$\mathcal{O}(11; \{6^7, 3^6, 2^5\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^7, 3^9, 2\})$	2875407742138167853056
6	$\mathcal{O}(11; \{6^8, 3, 2^{10}\})$	22375689653185413120
6	$\mathcal{O}(11; \{6^8, 3^4, 2^6\})$	179795247448536907776
6	$\mathcal{O}(11; \{6^8, 3^7, 2^2\})$	1437572249365241659392
6	$\mathcal{O}(11; \{6^9, 3^2, 2^7\})$	89766002020426186752
6	$\mathcal{O}(11; \{6^9, 3^5, 2^3\})$	718917746386463096832
6	$\mathcal{O}(11; \{6^{10}, 2^8\})$	45014622714055360512
6	$\mathcal{O}(11; \{6^{10}, 3^3, 2^4\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^{10}, 3^6\})$	2875407742138167853056
6	$\mathcal{O}(11; \{6^{11}, 3, 2^5\})$	179795247448536907776
6	$\mathcal{O}(11; \{6^{11}, 3^4, 2\})$	1437572249365241659392

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(11; \{6^{12}, 3^2, 2^2\})$	718917746386463096832
6	$\mathcal{O}(11; \{6^{13}, 2^3\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^{14}, 3\})$	1437572249365241659392
6	$\mathcal{O}(10; \{3^2, 2^{26}\})$	7312316880125952
6	$\mathcal{O}(10; \{3^5, 2^{22}\})$	36561584400629760
6	$\mathcal{O}(10; \{3^8, 2^{18}\})$	314429625845415936
6	$\mathcal{O}(10; \{3^{11}, 2^{14}\})$	2493500056122949632
6	$\mathcal{O}(10; \{3^{14}, 2^{10}\})$	19969937399623974912
6	$\mathcal{O}(10; \{3^{17}, 2^6\})$	159737562246351421440
6	$\mathcal{O}(10; \{3^{20}, 2^2\})$	1277922434921451749376
6	$\mathcal{O}(10; \{6, 3^3, 2^{23}\})$	21936950640377856
6	$\mathcal{O}(10; \{6, 3^6, 2^{19}\})$	153558654482644992
6	$\mathcal{O}(10; \{6, 3^9, 2^{15}\})$	1250406186501537792
6	$\mathcal{O}(10; \{6, 3^{12}, 2^{11}\})$	9981312541371924480
6	$\mathcal{O}(10; \{6, 3^{15}, 2^7\})$	79872437281615773696
6	$\mathcal{O}(10; \{6, 3^{18}, 2^3\})$	638957561302285811712
6	$\mathcal{O}(10; \{6^2, 3, 2^{24}\})$	7312316880125952
6	$\mathcal{O}(10; \{6^2, 3^4, 2^{20}\})$	80435485681385472
6	$\mathcal{O}(10; \{6^2, 3^7, 2^{16}\})$	621546934810705920
6	$\mathcal{O}(10; \{6^2, 3^{10}, 2^{12}\})$	4994312429126025216
6	$\mathcal{O}(10; \{6^2, 3^{13}, 2^8\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^2, 3^{16}, 2^4\})$	319482436809582968832
6	$\mathcal{O}(10; \{6^2, 3^{19}\})$	2555837557526023372800
6	$\mathcal{O}(10; \{6^3, 3^2, 2^{21}\})$	36561584400629760
6	$\mathcal{O}(10; \{6^3, 3^5, 2^{17}\})$	314429625845415936
6	$\mathcal{O}(10; \{6^3, 3^8, 2^{13}\})$	2493500056122949632
6	$\mathcal{O}(10; \{6^3, 3^{11}, 2^9\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^3, 3^{14}, 2^5\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^3, 3^{17}, 2\})$	1277922434921451749376
6	$\mathcal{O}(10; \{6^4, 2^{22}\})$	21936950640377856
6	$\mathcal{O}(10; \{6^4, 3^3, 2^{18}\})$	153558654482644992
6	$\mathcal{O}(10; \{6^4, 3^6, 2^{14}\})$	1250406186501537792
6	$\mathcal{O}(10; \{6^4, 3^9, 2^{10}\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^4, 3^{12}, 2^6\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^4, 3^{15}, 2^2\})$	638957561302285811712
6	$\mathcal{O}(10; \{6^5, 3, 2^{19}\})$	80435485681385472
6	$\mathcal{O}(10; \{6^5, 3^4, 2^{15}\})$	621546934810705920
6	$\mathcal{O}(10; \{6^5, 3^7, 2^{11}\})$	4994312429126025216
6	$\mathcal{O}(10; \{6^5, 3^{10}, 2^7\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^5, 3^{13}, 2^3\})$	319482436809582968832
6	$\mathcal{O}(10; \{6^6, 3^2, 2^{16}\})$	314429625845415936
6	$\mathcal{O}(10; \{6^6, 3^5, 2^{12}\})$	2493500056122949632
6	$\mathcal{O}(10; \{6^6, 3^8, 2^8\})$	19969937399623974912

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(10; \{6^6, 3^{11}, 2^4\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^6, 3^{14}\})$	1277922434921451749376
6	$\mathcal{O}(10; \{6^7, 2^{17}\})$	153558654482644992
6	$\mathcal{O}(10; \{6^7, 3^3, 2^{13}\})$	1250406186501537792
6	$\mathcal{O}(10; \{6^7, 3^6, 2^9\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^7, 3^9, 2^5\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^7, 3^{12}, 2\})$	638957561302285811712
6	$\mathcal{O}(10; \{6^8, 3, 2^{14}\})$	621546934810705920
6	$\mathcal{O}(10; \{6^8, 3^4, 2^{10}\})$	4994312429126025216
6	$\mathcal{O}(10; \{6^8, 3^7, 2^6\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^8, 3^{10}, 2^2\})$	319482436809582968832
6	$\mathcal{O}(10; \{6^9, 3^2, 2^{11}\})$	2493500056122949632
6	$\mathcal{O}(10; \{6^9, 3^5, 2^7\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^9, 3^8, 2^3\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^{10}, 2^{12}\})$	1250406186501537792
6	$\mathcal{O}(10; \{6^{10}, 3^3, 2^8\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^{10}, 3^6, 2^4\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^{10}, 3^9\})$	638957561302285811712
6	$\mathcal{O}(10; \{6^{11}, 3, 2^9\})$	4994312429126025216
6	$\mathcal{O}(10; \{6^{11}, 3^4, 2^5\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^{11}, 3^7, 2\})$	319482436809582968832
6	$\mathcal{O}(10; \{6^{12}, 3^2, 2^6\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^{12}, 3^5, 2^2\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^{13}, 2^7\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^{13}, 3^3, 2^3\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^{14}, 3, 2^4\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^{14}, 3^4\})$	319482436809582968832
6	$\mathcal{O}(10; \{6^{15}, 3^2, 2\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^{16}, 2^2\})$	79872437281615773696
6	$\mathcal{O}(9; \{3^2, 2^{30}\})$	203119913336832
6	$\mathcal{O}(9; \{3^5, 2^{26}\})$	1015599566684160
6	$\mathcal{O}(9; \{3^8, 2^{22}\})$	8734156273483776
6	$\mathcal{O}(9; \{3^{11}, 2^{18}\})$	69263890447859712
6	$\mathcal{O}(9; \{3^{14}, 2^{14}\})$	554720483322888192
6	$\mathcal{O}(9; \{3^{17}, 2^{10}\})$	4437154506843095040
6	$\mathcal{O}(9; \{3^{20}, 2^6\})$	35497845414484770816
6	$\mathcal{O}(9; \{3^{23}, 2^2\})$	283982153956138156032
6	$\mathcal{O}(9; \{6, 3^3, 2^{27}\})$	609359740010496
6	$\mathcal{O}(9; \{6, 3^6, 2^{23}\})$	4265518180073472
6	$\mathcal{O}(9; \{6, 3^9, 2^{19}\})$	34733505180598272
6	$\mathcal{O}(9; \{6, 3^{12}, 2^{15}\})$	277258681704775680
6	$\mathcal{O}(9; \{6, 3^{15}, 2^{11}\})$	2218678813378215936
6	$\mathcal{O}(9; \{6, 3^{18}, 2^7\})$	17748821147285716992

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(9; \{6, 3^{21}, 2^3\})$	141991178538025746432
6	$\mathcal{O}(9; \{6^2, 3, 2^{28}\})$	203119913336832
6	$\mathcal{O}(9; \{6^2, 3^4, 2^{24}\})$	2234319046705152
6	$\mathcal{O}(9; \{6^2, 3^7, 2^{20}\})$	17265192633630720
6	$\mathcal{O}(9; \{6^2, 3^{10}, 2^{16}\})$	138730900809056256
6	$\mathcal{O}(9; \{6^2, 3^{13}, 2^{12}\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^2, 3^{16}, 2^8\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^2, 3^{19}, 2^4\})$	70995487709056204800
6	$\mathcal{O}(9; \{6^2, 3^{22}\})$	567964511032189648896
6	$\mathcal{O}(9; \{6^3, 3^2, 2^{25}\})$	1015599566684160
6	$\mathcal{O}(9; \{6^3, 3^5, 2^{21}\})$	8734156273483776
6	$\mathcal{O}(9; \{6^3, 3^8, 2^{17}\})$	69263890447859712
6	$\mathcal{O}(9; \{6^3, 3^{11}, 2^{13}\})$	554720483322888192
6	$\mathcal{O}(9; \{6^3, 3^{14}, 2^9\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^3, 3^{17}, 2^5\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^3, 3^{20}, 2\})$	283982153956138156032
6	$\mathcal{O}(9; \{6^4, 2^{26}\})$	609359740010496
6	$\mathcal{O}(9; \{6^4, 3^3, 2^{22}\})$	4265518180073472
6	$\mathcal{O}(9; \{6^4, 3^6, 2^{18}\})$	34733505180598272
6	$\mathcal{O}(9; \{6^4, 3^9, 2^{14}\})$	277258681704775680
6	$\mathcal{O}(9; \{6^4, 3^{12}, 2^{10}\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^4, 3^{15}, 2^6\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^4, 3^{18}, 2^2\})$	141991178538025746432
6	$\mathcal{O}(9; \{6^5, 3, 2^{23}\})$	2234319046705152
6	$\mathcal{O}(9; \{6^5, 3^4, 2^{19}\})$	17265192633630720
6	$\mathcal{O}(9; \{6^5, 3^7, 2^{15}\})$	138730900809056256
6	$\mathcal{O}(9; \{6^5, 3^{10}, 2^{11}\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^5, 3^{13}, 2^7\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^5, 3^{16}, 2^3\})$	70995487709056204800
6	$\mathcal{O}(9; \{6^6, 3^2, 2^{20}\})$	8734156273483776
6	$\mathcal{O}(9; \{6^6, 3^5, 2^{16}\})$	69263890447859712
6	$\mathcal{O}(9; \{6^6, 3^8, 2^{12}\})$	554720483322888192
6	$\mathcal{O}(9; \{6^6, 3^{11}, 2^8\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^6, 3^{14}, 2^4\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^6, 3^{17}\})$	283982153956138156032
6	$\mathcal{O}(9; \{6^7, 2^{21}\})$	4265518180073472
6	$\mathcal{O}(9; \{6^7, 3^3, 2^{17}\})$	34733505180598272
6	$\mathcal{O}(9; \{6^7, 3^6, 2^{13}\})$	277258681704775680
6	$\mathcal{O}(9; \{6^7, 3^9, 2^9\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^7, 3^{12}, 2^5\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^7, 3^{15}, 2\})$	141991178538025746432
6	$\mathcal{O}(9; \{6^8, 3, 2^{18}\})$	17265192633630720
6	$\mathcal{O}(9; \{6^8, 3^4, 2^{14}\})$	138730900809056256

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(9; \{6^8, 3^7, 2^{10}\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^8, 3^{10}, 2^6\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^8, 3^{13}, 2^2\})$	70995487709056204800
6	$\mathcal{O}(9; \{6^9, 3^2, 2^{15}\})$	69263890447859712
6	$\mathcal{O}(9; \{6^9, 3^5, 2^{11}\})$	554720483322888192
6	$\mathcal{O}(9; \{6^9, 3^8, 2^7\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^9, 3^{11}, 2^3\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^{10}, 2^{16}\})$	34733505180598272
6	$\mathcal{O}(9; \{6^{10}, 3^3, 2^{12}\})$	277258681704775680
6	$\mathcal{O}(9; \{6^{10}, 3^6, 2^8\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^{10}, 3^9, 2^4\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^{10}, 3^{12}\})$	141991178538025746432
6	$\mathcal{O}(9; \{6^{11}, 3, 2^{13}\})$	138730900809056256
6	$\mathcal{O}(9; \{6^{11}, 3^4, 2^9\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^{11}, 3^7, 2^5\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^{11}, 3^{10}, 2\})$	70995487709056204800
6	$\mathcal{O}(9; \{6^{12}, 3^2, 2^{10}\})$	554720483322888192
6	$\mathcal{O}(9; \{6^{12}, 3^5, 2^6\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^{12}, 3^8, 2^2\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^{13}, 2^{11}\})$	277258681704775680
6	$\mathcal{O}(9; \{6^{13}, 3^3, 2^7\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^{13}, 3^6, 2^3\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^{14}, 3, 2^8\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^{14}, 3^4, 2^4\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^{14}, 3^7\})$	70995487709056204800
6	$\mathcal{O}(9; \{6^{15}, 3^2, 2^5\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^{15}, 3^5, 2\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^{16}, 2^6\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^{16}, 3^3, 2^2\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^{17}, 3, 2^3\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^{18}, 3^2\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^{19}, 2\})$	17748821147285716992
6	$\mathcal{O}(8; \{3^2, 2^{34}\})$	5642219814912
6	$\mathcal{O}(8; \{3^5, 2^{30}\})$	28211099074560
6	$\mathcal{O}(8; \{3^8, 2^{26}\})$	242615452041216
6	$\mathcal{O}(8; \{3^{11}, 2^{22}\})$	1923996956884992
6	$\mathcal{O}(8; \{3^{14}, 2^{18}\})$	15408902314524672
6	$\mathcal{O}(8; \{3^{17}, 2^{14}\})$	123254291856752640
6	$\mathcal{O}(8; \{3^{20}, 2^{10}\})$	986051261513465856
6	$\mathcal{O}(8; \{3^{23}, 2^6\})$	7888393165448282112
6	$\mathcal{O}(8; \{3^{26}, 2^2\})$	63107162250245701632
6	$\mathcal{O}(8; \{6, 3^3, 2^{31}\})$	16926659444736
6	$\mathcal{O}(8; \{6, 3^6, 2^{27}\})$	118486616113152

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(8; \{6, 3^9, 2^{23}\})$	964819588349952
6	$\mathcal{O}(8; \{6, 3^{12}, 2^{19}\})$	7701630047354880
6	$\mathcal{O}(8; \{6, 3^{15}, 2^{15}\})$	61629967038283776
6	$\mathcal{O}(8; \{6, 3^{18}, 2^{11}\})$	493022809646825472
6	$\mathcal{O}(8; \{6, 3^{21}, 2^7\})$	3944199403834048512
6	$\mathcal{O}(8; \{6, 3^{24}, 2^3\})$	31553578304012943360
6	$\mathcal{O}(8; \{6^2, 3, 2^{32}\})$	5642219814912
6	$\mathcal{O}(8; \{6^2, 3^4, 2^{28}\})$	62064417964032
6	$\mathcal{O}(8; \{6^2, 3^7, 2^{24}\})$	479588684267520
6	$\mathcal{O}(8; \{6^2, 3^{10}, 2^{20}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^2, 3^{13}, 2^{16}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^2, 3^{16}, 2^{12}\})$	246514225933320192
6	$\mathcal{O}(8; \{6^2, 3^{19}, 2^8\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^2, 3^{22}, 2^4\})$	15776791973116379136
6	$\mathcal{O}(8; \{6^2, 3^{25}\})$	126214318858271588352
6	$\mathcal{O}(8; \{6^3, 3^2, 2^{29}\})$	28211099074560
6	$\mathcal{O}(8; \{6^3, 3^5, 2^{25}\})$	242615452041216
6	$\mathcal{O}(8; \{6^3, 3^8, 2^{21}\})$	1923996956884992
6	$\mathcal{O}(8; \{6^3, 3^{11}, 2^{17}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^3, 3^{14}, 2^{13}\})$	123254291856752640
6	$\mathcal{O}(8; \{6^3, 3^{17}, 2^9\})$	986051261513465856
6	$\mathcal{O}(8; \{6^3, 3^{20}, 2^5\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^3, 3^{23}, 2\})$	63107162250245701632
6	$\mathcal{O}(8; \{6^4, 2^{30}\})$	16926659444736
6	$\mathcal{O}(8; \{6^4, 3^3, 2^{26}\})$	118486616113152
6	$\mathcal{O}(8; \{6^4, 3^6, 2^{22}\})$	964819588349952
6	$\mathcal{O}(8; \{6^4, 3^9, 2^{18}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^4, 3^{12}, 2^{14}\})$	61629967038283776
6	$\mathcal{O}(8; \{6^4, 3^{15}, 2^{10}\})$	493022809646825472
6	$\mathcal{O}(8; \{6^4, 3^{18}, 2^6\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^4, 3^{21}, 2^2\})$	31553578304012943360
6	$\mathcal{O}(8; \{6^5, 3, 2^{27}\})$	62064417964032
6	$\mathcal{O}(8; \{6^5, 3^4, 2^{23}\})$	479588684267520
6	$\mathcal{O}(8; \{6^5, 3^7, 2^{19}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^5, 3^{10}, 2^{15}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^5, 3^{13}, 2^{11}\})$	246514225933320192
6	$\mathcal{O}(8; \{6^5, 3^{16}, 2^7\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^5, 3^{19}, 2^3\})$	15776791973116379136
6	$\mathcal{O}(8; \{6^6, 3^2, 2^{24}\})$	242615452041216
6	$\mathcal{O}(8; \{6^6, 3^5, 2^{20}\})$	1923996956884992
6	$\mathcal{O}(8; \{6^6, 3^8, 2^{16}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^6, 3^{11}, 2^{12}\})$	123254291856752640
6	$\mathcal{O}(8; \{6^6, 3^{14}, 2^8\})$	986051261513465856

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(8; \{6^6, 3^{17}, 2^4\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^6, 3^{20}\})$	63107162250245701632
6	$\mathcal{O}(8; \{6^7, 2^{25}\})$	118486616113152
6	$\mathcal{O}(8; \{6^7, 3^3, 2^{21}\})$	964819588349952
6	$\mathcal{O}(8; \{6^7, 3^6, 2^{17}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^7, 3^9, 2^{13}\})$	61629967038283776
6	$\mathcal{O}(8; \{6^7, 3^{12}, 2^9\})$	493022809646825472
6	$\mathcal{O}(8; \{6^7, 3^{15}, 2^5\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^7, 3^{18}, 2\})$	31553578304012943360
6	$\mathcal{O}(8; \{6^8, 3, 2^{22}\})$	479588684267520
6	$\mathcal{O}(8; \{6^8, 3^4, 2^{18}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^8, 3^7, 2^{14}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^8, 3^{10}, 2^{10}\})$	246514225933320192
6	$\mathcal{O}(8; \{6^8, 3^{13}, 2^6\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^8, 3^{16}, 2^2\})$	15776791973116379136
6	$\mathcal{O}(8; \{6^9, 3^2, 2^{19}\})$	1923996956884992
6	$\mathcal{O}(8; \{6^9, 3^5, 2^{15}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^9, 3^8, 2^{11}\})$	123254291856752640
6	$\mathcal{O}(8; \{6^9, 3^{11}, 2^7\})$	986051261513465856
6	$\mathcal{O}(8; \{6^9, 3^{14}, 2^3\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^{10}, 2^{20}\})$	964819588349952
6	$\mathcal{O}(8; \{6^{10}, 3^3, 2^{16}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^{10}, 3^6, 2^{12}\})$	61629967038283776
6	$\mathcal{O}(8; \{6^{10}, 3^9, 2^8\})$	493022809646825472
6	$\mathcal{O}(8; \{6^{10}, 3^{12}, 2^4\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^{10}, 3^{15}\})$	31553578304012943360
6	$\mathcal{O}(8; \{6^{11}, 3, 2^{17}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^{11}, 3^4, 2^{13}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^{11}, 3^7, 2^9\})$	246514225933320192
6	$\mathcal{O}(8; \{6^{11}, 3^{10}, 2^5\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^{11}, 3^{13}, 2\})$	15776791973116379136
6	$\mathcal{O}(8; \{6^{12}, 3^2, 2^{14}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^{12}, 3^5, 2^{10}\})$	123254291856752640
6	$\mathcal{O}(8; \{6^{12}, 3^8, 2^6\})$	986051261513465856
6	$\mathcal{O}(8; \{6^{12}, 3^{11}, 2^2\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^{13}, 2^{15}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^{13}, 3^3, 2^{11}\})$	61629967038283776
6	$\mathcal{O}(8; \{6^{13}, 3^6, 2^7\})$	493022809646825472
6	$\mathcal{O}(8; \{6^{13}, 3^9, 2^3\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^{14}, 3, 2^{12}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^{14}, 3^4, 2^8\})$	246514225933320192
6	$\mathcal{O}(8; \{6^{14}, 3^7, 2^4\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^{14}, 3^{10}\})$	15776791973116379136

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(8; \{6^{15}, 3^2, 2^9\})$	123254291856752640
6	$\mathcal{O}(8; \{6^{15}, 3^5, 2^5\})$	986051261513465856
6	$\mathcal{O}(8; \{6^{15}, 3^8, 2\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^{16}, 2^{10}\})$	61629967038283776
6	$\mathcal{O}(8; \{6^{16}, 3^3, 2^6\})$	493022809646825472
6	$\mathcal{O}(8; \{6^{16}, 3^6, 2^2\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^{17}, 3, 2^7\})$	24651422593320192
6	$\mathcal{O}(8; \{6^{17}, 3^4, 2^3\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^{18}, 3^2, 2^4\})$	986051261513465856
6	$\mathcal{O}(8; \{6^{18}, 3^5\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^{19}, 2^5\})$	493022809646825472
6	$\mathcal{O}(8; \{6^{19}, 3^3, 2\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^{20}, 3, 2^2\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^{22}\})$	3944199403834048512
6	$\mathcal{O}(7; \{3^2, 2^{38}\})$	156728328192
6	$\mathcal{O}(7; \{3^5, 2^{34}\})$	783641640960
6	$\mathcal{O}(7; \{3^8, 2^{30}\})$	6739318112256
6	$\mathcal{O}(7; \{3^{11}, 2^{26}\})$	53444359913472
6	$\mathcal{O}(7; \{3^{14}, 2^{22}\})$	428025064292352
6	$\mathcal{O}(7; \{3^{17}, 2^{18}\})$	3423730329354240
6	$\mathcal{O}(7; \{3^{20}, 2^{14}\})$	27390312819818496
6	$\mathcal{O}(7; \{3^{23}, 2^{10}\})$	219122032373563392
6	$\mathcal{O}(7; \{3^{26}, 2^6\})$	1752976729173491712
6	$\mathcal{O}(7; \{3^{29}, 2^2\})$	14023813363202949120
6	$\mathcal{O}(7; \{6, 3^3, 2^{35}\})$	470184984576
6	$\mathcal{O}(7; \{6, 3^6, 2^{31}\})$	3291294892032
6	$\mathcal{O}(7; \{6, 3^9, 2^{27}\})$	26800544120832
6	$\mathcal{O}(7; \{6, 3^{12}, 2^{23}\})$	213934167982080
6	$\mathcal{O}(7; \{6, 3^{15}, 2^{19}\})$	1711943528841216
6	$\mathcal{O}(7; \{6, 3^{18}, 2^{15}\})$	13695078045745152
6	$\mathcal{O}(7; \{6, 3^{21}, 2^{11}\})$	109561094550945792
6	$\mathcal{O}(7; \{6, 3^{24}, 2^7\})$	876488286222581760
6	$\mathcal{O}(7; \{6, 3^{27}, 2^3\})$	7011906759965638656
6	$\mathcal{O}(7; \{6^2, 3, 2^{36}\})$	156728328192
6	$\mathcal{O}(7; \{6^2, 3^4, 2^{32}\})$	1724011610112
6	$\mathcal{O}(7; \{6^2, 3^7, 2^{28}\})$	13321907896320
6	$\mathcal{O}(7; \{6^2, 3^{10}, 2^{24}\})$	107045448155136
6	$\mathcal{O}(7; \{6^2, 3^{13}, 2^{20}\})$	855893400256512
6	$\mathcal{O}(7; \{6^2, 3^{16}, 2^{16}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^2, 3^{19}, 2^{12}\})$	54780468911308800
6	$\mathcal{O}(7; \{6^2, 3^{22}, 2^8\})$	438244221475454976
6	$\mathcal{O}(7; \{6^2, 3^{25}, 2^4\})$	3505953301618655232
6	$\mathcal{O}(7; \{6^2, 3^{28}\})$	28047626883134226432

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{6^3, 3^2, 2^{33}\})$	783641640960
6	$\mathcal{O}(7; \{6^3, 3^5, 2^{29}\})$	6739318112256
6	$\mathcal{O}(7; \{6^3, 3^8, 2^{25}\})$	53444359913472
6	$\mathcal{O}(7; \{6^3, 3^{11}, 2^{21}\})$	428025064292352
6	$\mathcal{O}(7; \{6^3, 3^{14}, 2^{17}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^3, 3^{17}, 2^{13}\})$	27390312819818496
6	$\mathcal{O}(7; \{6^3, 3^{20}, 2^9\})$	219122032373563392
6	$\mathcal{O}(7; \{6^3, 3^{23}, 2^5\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^3, 3^{26}, 2\})$	14023813363202949120
6	$\mathcal{O}(7; \{6^4, 2^{34}\})$	470184984576
6	$\mathcal{O}(7; \{6^4, 3^3, 2^{30}\})$	3291294892032
6	$\mathcal{O}(7; \{6^4, 3^6, 2^{26}\})$	26800544120832
6	$\mathcal{O}(7; \{6^4, 3^9, 2^{22}\})$	213934167982080
6	$\mathcal{O}(7; \{6^4, 3^{12}, 2^{18}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^4, 3^{15}, 2^{14}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^4, 3^{18}, 2^{10}\})$	109561094550945792
6	$\mathcal{O}(7; \{6^4, 3^{21}, 2^6\})$	876488286222581760
6	$\mathcal{O}(7; \{6^4, 3^{24}, 2^2\})$	7011906759965638656
6	$\mathcal{O}(7; \{6^5, 3, 2^{31}\})$	1724011610112
6	$\mathcal{O}(7; \{6^5, 3^4, 2^{27}\})$	13321907896320
6	$\mathcal{O}(7; \{6^5, 3^7, 2^{23}\})$	107045448155136
6	$\mathcal{O}(7; \{6^5, 3^{10}, 2^{19}\})$	855893400256512
6	$\mathcal{O}(7; \{6^5, 3^{13}, 2^{15}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^5, 3^{16}, 2^{11}\})$	54780468911308800
6	$\mathcal{O}(7; \{6^5, 3^{19}, 2^7\})$	438244221475454976
6	$\mathcal{O}(7; \{6^5, 3^{22}, 2^3\})$	3505953301618655232
6	$\mathcal{O}(7; \{6^6, 3^2, 2^{28}\})$	6739318112256
6	$\mathcal{O}(7; \{6^6, 3^5, 2^{24}\})$	53444359913472
6	$\mathcal{O}(7; \{6^6, 3^8, 2^{20}\})$	428025064292352
6	$\mathcal{O}(7; \{6^6, 3^{11}, 2^{16}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^6, 3^{14}, 2^{12}\})$	27390312819818496
6	$\mathcal{O}(7; \{6^6, 3^{17}, 2^8\})$	219122032373563392
6	$\mathcal{O}(7; \{6^6, 3^{20}, 2^4\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^6, 3^{23}\})$	14023813363202949120
6	$\mathcal{O}(7; \{6^7, 2^{29}\})$	3291294892032
6	$\mathcal{O}(7; \{6^7, 3^3, 2^{25}\})$	26800544120832
6	$\mathcal{O}(7; \{6^7, 3^6, 2^{21}\})$	213934167982080
6	$\mathcal{O}(7; \{6^7, 3^9, 2^{17}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^7, 3^{12}, 2^{13}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^7, 3^{15}, 2^9\})$	109561094550945792
6	$\mathcal{O}(7; \{6^7, 3^{18}, 2^5\})$	876488286222581760
6	$\mathcal{O}(7; \{6^7, 3^{21}, 2\})$	7011906759965638656
6	$\mathcal{O}(7; \{6^8, 3, 2^{26}\})$	13321907896320

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{6^8, 3^4, 2^{22}\})$	107045448155136
6	$\mathcal{O}(7; \{6^8, 3^7, 2^{18}\})$	855893400256512
6	$\mathcal{O}(7; \{6^8, 3^{10}, 2^{14}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^8, 3^{13}, 2^{10}\})$	54780468911308800
6	$\mathcal{O}(7; \{6^8, 3^{16}, 2^6\})$	438244221475454976
6	$\mathcal{O}(7; \{6^8, 3^{19}, 2^2\})$	3505953301618655232
6	$\mathcal{O}(7; \{6^9, 3^2, 2^{23}\})$	53444359913472
6	$\mathcal{O}(7; \{6^9, 3^5, 2^{19}\})$	428025064292352
6	$\mathcal{O}(7; \{6^9, 3^8, 2^{15}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^9, 3^{11}, 2^{11}\})$	27390312819818496
6	$\mathcal{O}(7; \{6^9, 3^{14}, 2^7\})$	219122032373563392
6	$\mathcal{O}(7; \{6^9, 3^{17}, 2^3\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^{10}, 2^{24}\})$	26800544120832
6	$\mathcal{O}(7; \{6^{10}, 3^3, 2^{20}\})$	213934167982080
6	$\mathcal{O}(7; \{6^{10}, 3^6, 2^{16}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^{10}, 3^9, 2^{12}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^{10}, 3^{12}, 2^8\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{10}, 3^{15}, 2^4\})$	876488286222581760
6	$\mathcal{O}(7; \{6^{10}, 3^{18}\})$	7011906759965638656
6	$\mathcal{O}(7; \{6^{11}, 3, 2^{21}\})$	107045448155136
6	$\mathcal{O}(7; \{6^{11}, 3^4, 2^{17}\})$	855893400256512
6	$\mathcal{O}(7; \{6^{11}, 3^7, 2^{13}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^{11}, 3^{10}, 2^9\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{11}, 3^{13}, 2^5\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{11}, 3^{16}, 2\})$	3505953301618655232
6	$\mathcal{O}(7; \{6^{12}, 3^2, 2^{18}\})$	428025064292352
6	$\mathcal{O}(7; \{6^{12}, 3^5, 2^{14}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^{12}, 3^8, 2^{10}\})$	27390312819818496
6	$\mathcal{O}(7; \{6^{12}, 3^{11}, 2^6\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{12}, 3^{14}, 2^2\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^{13}, 2^{19}\})$	213934167982080
6	$\mathcal{O}(7; \{6^{13}, 3^3, 2^{15}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^{13}, 3^6, 2^{11}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^{13}, 3^9, 2^7\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{13}, 3^{12}, 2^3\})$	876488286222581760
6	$\mathcal{O}(7; \{6^{14}, 3, 2^{16}\})$	855893400256512
6	$\mathcal{O}(7; \{6^{14}, 3^4, 2^{12}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^{14}, 3^7, 2^8\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{14}, 3^{10}, 2^4\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{14}, 3^{13}\})$	3505953301618655232
6	$\mathcal{O}(7; \{6^{15}, 3^2, 2^{13}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^{15}, 3^5, 2^9\})$	27390312819818496
6	$\mathcal{O}(7; \{6^{15}, 3^8, 2^5\})$	219122032373563392

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{6^{15}, 3^{11}, 2\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^{16}, 2^{14}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^{16}, 3^3, 2^{10}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^{16}, 3^6, 2^6\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{16}, 3^9, 2^2\})$	876488286222581760
6	$\mathcal{O}(7; \{6^{17}, 3, 2^{11}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^{17}, 3^4, 2^7\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{17}, 3^7, 2^3\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{18}, 3^2, 2^8\})$	27390312819818496
6	$\mathcal{O}(7; \{6^{18}, 3^5, 2^4\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{18}, 3^8\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^{19}, 2^9\})$	13695078045745152
6	$\mathcal{O}(7; \{6^{19}, 3^3, 2^5\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{19}, 3^6, 2\})$	876488286222581760
6	$\mathcal{O}(7; \{6^{20}, 3, 2^6\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{20}, 3^4, 2^2\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{21}, 3^2, 2^3\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{22}, 2^4\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{22}, 3^3\})$	876488286222581760
6	$\mathcal{O}(7; \{6^{23}, 3, 2\})$	438244221475454976
6	$\mathcal{O}(6; \{3^2, 2^{42}\})$	4353564672
6	$\mathcal{O}(6; \{3^5, 2^{38}\})$	21767823360
6	$\mathcal{O}(6; \{3^8, 2^{34}\})$	187203280896
6	$\mathcal{O}(6; \{3^{11}, 2^{30}\})$	1484565553152
6	$\mathcal{O}(6; \{3^{14}, 2^{26}\})$	11889585119232
6	$\mathcal{O}(6; \{3^{17}, 2^{22}\})$	95103620259840
6	$\mathcal{O}(6; \{3^{20}, 2^{18}\})$	760842022772736
6	$\mathcal{O}(6; \{3^{23}, 2^{14}\})$	6086723121487872
6	$\mathcal{O}(6; \{3^{26}, 2^{10}\})$	48693798032596992
6	$\mathcal{O}(6; \{3^{29}, 2^6\})$	389550371200081920
6	$\mathcal{O}(6; \{3^{32}, 2^2\})$	3116402982661349376
6	$\mathcal{O}(6; \{6, 3^3, 2^{39}\})$	13060694016
6	$\mathcal{O}(6; \{6, 3^6, 2^{35}\})$	91424858112
6	$\mathcal{O}(6; \{6, 3^9, 2^{31}\})$	744459558912
6	$\mathcal{O}(6; \{6, 3^{12}, 2^{27}\})$	5942615777280
6	$\mathcal{O}(6; \{6, 3^{15}, 2^{23}\})$	47553986912256
6	$\mathcal{O}(6; \{6, 3^{18}, 2^{19}\})$	380418834604032
6	$\mathcal{O}(6; \{6, 3^{21}, 2^{15}\})$	3043363737526272
6	$\mathcal{O}(6; \{6, 3^{24}, 2^{11}\})$	24346896839516160
6	$\mathcal{O}(6; \{6, 3^{27}, 2^7\})$	194775187776823296
6	$\mathcal{O}(6; \{6, 3^{30}, 2^3\})$	1558201489153892352
6	$\mathcal{O}(6; \{6^2, 3, 2^{40}\})$	4353564672
6	$\mathcal{O}(6; \{6^2, 3^4, 2^{36}\})$	47889211392

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{6^2, 3^7, 2^{32}\})$	370052997120
6	$\mathcal{O}(6; \{6^2, 3^{10}, 2^{28}\})$	2973484670976
6	$\mathcal{O}(6; \{6^2, 3^{13}, 2^{24}\})$	23774816673792
6	$\mathcal{O}(6; \{6^2, 3^{16}, 2^{20}\})$	190211594084352
6	$\mathcal{O}(6; \{6^2, 3^{19}, 2^{16}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^2, 3^{22}, 2^{12}\})$	12173450596540416
6	$\mathcal{O}(6; \{6^2, 3^{25}, 2^8\})$	97387591711629312
6	$\mathcal{O}(6; \{6^2, 3^{28}, 2^4\})$	779100746753728512
6	$\mathcal{O}(6; \{6^2, 3^{31}\})$	6232805960969134080
6	$\mathcal{O}(6; \{6^3, 3^2, 2^{37}\})$	21767823360
6	$\mathcal{O}(6; \{6^3, 3^5, 2^{33}\})$	187203280896
6	$\mathcal{O}(6; \{6^3, 3^8, 2^{29}\})$	1484565553152
6	$\mathcal{O}(6; \{6^3, 3^{11}, 2^{25}\})$	11889585119232
6	$\mathcal{O}(6; \{6^3, 3^{14}, 2^{21}\})$	95103620259840
6	$\mathcal{O}(6; \{6^3, 3^{17}, 2^{17}\})$	760842022772736
6	$\mathcal{O}(6; \{6^3, 3^{20}, 2^{13}\})$	6086723121487872
6	$\mathcal{O}(6; \{6^3, 3^{23}, 2^9\})$	48693798032596992
6	$\mathcal{O}(6; \{6^3, 3^{26}, 2^5\})$	389550371200081920
6	$\mathcal{O}(6; \{6^3, 3^{29}, 2\})$	3116402982661349376
6	$\mathcal{O}(6; \{6^4, 2^{38}\})$	13060694016
6	$\mathcal{O}(6; \{6^4, 3^3, 2^{34}\})$	91424858112
6	$\mathcal{O}(6; \{6^4, 3^6, 2^{30}\})$	744459558912
6	$\mathcal{O}(6; \{6^4, 3^9, 2^{26}\})$	5942615777280
6	$\mathcal{O}(6; \{6^4, 3^{12}, 2^{22}\})$	47553986912256
6	$\mathcal{O}(6; \{6^4, 3^{15}, 2^{18}\})$	380418834604032
6	$\mathcal{O}(6; \{6^4, 3^{18}, 2^{14}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^4, 3^{21}, 2^{10}\})$	24346896839516160
6	$\mathcal{O}(6; \{6^4, 3^{24}, 2^6\})$	194775187776823296
6	$\mathcal{O}(6; \{6^4, 3^{27}, 2^2\})$	1558201489153892352
6	$\mathcal{O}(6; \{6^5, 3, 2^{35}\})$	47889211392
6	$\mathcal{O}(6; \{6^5, 3^4, 2^{31}\})$	370052997120
6	$\mathcal{O}(6; \{6^5, 3^7, 2^{27}\})$	2973484670976
6	$\mathcal{O}(6; \{6^5, 3^{10}, 2^{23}\})$	23774816673792
6	$\mathcal{O}(6; \{6^5, 3^{13}, 2^{19}\})$	190211594084352
6	$\mathcal{O}(6; \{6^5, 3^{16}, 2^{15}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^5, 3^{19}, 2^{11}\})$	12173450596540416
6	$\mathcal{O}(6; \{6^5, 3^{22}, 2^7\})$	97387591711629312
6	$\mathcal{O}(6; \{6^5, 3^{25}, 2^3\})$	779100746753728512
6	$\mathcal{O}(6; \{6^6, 3^2, 2^{32}\})$	187203280896
6	$\mathcal{O}(6; \{6^6, 3^5, 2^{28}\})$	1484565553152
6	$\mathcal{O}(6; \{6^6, 3^8, 2^{24}\})$	11889585119232
6	$\mathcal{O}(6; \{6^6, 3^{11}, 2^{20}\})$	95103620259840
6	$\mathcal{O}(6; \{6^6, 3^{14}, 2^{16}\})$	760842022772736

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{6^6, 3^{17}, 2^{12}\})$	6086723121487872
6	$\mathcal{O}(6; \{6^6, 3^{20}, 2^8\})$	48693798032596992
6	$\mathcal{O}(6; \{6^6, 3^{23}, 2^4\})$	389550371200081920
6	$\mathcal{O}(6; \{6^6, 3^{26}\})$	3116402982661349376
6	$\mathcal{O}(6; \{6^7, 2^{33}\})$	91424858112
6	$\mathcal{O}(6; \{6^7, 3^3, 2^{29}\})$	744459558912
6	$\mathcal{O}(6; \{6^7, 3^6, 2^{25}\})$	5942615777280
6	$\mathcal{O}(6; \{6^7, 3^9, 2^{21}\})$	47553986912256
6	$\mathcal{O}(6; \{6^7, 3^{12}, 2^{17}\})$	380418834604032
6	$\mathcal{O}(6; \{6^7, 3^{15}, 2^{13}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^7, 3^{18}, 2^9\})$	24346896839516160
6	$\mathcal{O}(6; \{6^7, 3^{21}, 2^5\})$	194775187776823296
6	$\mathcal{O}(6; \{6^7, 3^{24}, 2\})$	1558201489153892352
6	$\mathcal{O}(6; \{6^8, 3, 2^{30}\})$	370052997120
6	$\mathcal{O}(6; \{6^8, 3^4, 2^{26}\})$	2973484670976
6	$\mathcal{O}(6; \{6^8, 3^7, 2^{22}\})$	23774816673792
6	$\mathcal{O}(6; \{6^8, 3^{10}, 2^{18}\})$	190211594084352
6	$\mathcal{O}(6; \{6^8, 3^{13}, 2^{14}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^8, 3^{16}, 2^{10}\})$	12173450596540416
6	$\mathcal{O}(6; \{6^8, 3^{19}, 2^6\})$	97387591711629312
6	$\mathcal{O}(6; \{6^8, 3^{22}, 2^2\})$	779100746753728512
6	$\mathcal{O}(6; \{6^9, 3^2, 2^{27}\})$	1484565553152
6	$\mathcal{O}(6; \{6^9, 3^5, 2^{23}\})$	11889585119232
6	$\mathcal{O}(6; \{6^9, 3^8, 2^{19}\})$	95103620259840
6	$\mathcal{O}(6; \{6^9, 3^{11}, 2^{15}\})$	760842022772736
6	$\mathcal{O}(6; \{6^9, 3^{14}, 2^{11}\})$	6086723121487872
6	$\mathcal{O}(6; \{6^9, 3^{17}, 2^7\})$	48693798032596992
6	$\mathcal{O}(6; \{6^9, 3^{20}, 2^3\})$	389550371200081920
6	$\mathcal{O}(6; \{6^{10}, 2^{28}\})$	744459558912
6	$\mathcal{O}(6; \{6^{10}, 3^3, 2^{24}\})$	5942615777280
6	$\mathcal{O}(6; \{6^{10}, 3^6, 2^{20}\})$	47553986912256
6	$\mathcal{O}(6; \{6^{10}, 3^9, 2^{16}\})$	380418834604032
6	$\mathcal{O}(6; \{6^{10}, 3^{12}, 2^{12}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{10}, 3^{15}, 2^8\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{10}, 3^{18}, 2^4\})$	194775187776823296
6	$\mathcal{O}(6; \{6^{10}, 3^{21}\})$	1558201489153892352
6	$\mathcal{O}(6; \{6^{11}, 3, 2^{25}\})$	2973484670976
6	$\mathcal{O}(6; \{6^{11}, 3^4, 2^{21}\})$	23774816673792
6	$\mathcal{O}(6; \{6^{11}, 3^7, 2^{17}\})$	190211594084352
6	$\mathcal{O}(6; \{6^{11}, 3^{10}, 2^{13}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{11}, 3^{13}, 2^9\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{11}, 3^{16}, 2^5\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{11}, 3^{19}, 2\})$	779100746753728512

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{6^{12}, 3^2, 2^{22}\})$	11889585119232
6	$\mathcal{O}(6; \{6^{12}, 3^5, 2^{18}\})$	95103620259840
6	$\mathcal{O}(6; \{6^{12}, 3^8, 2^{14}\})$	760842022772736
6	$\mathcal{O}(6; \{6^{12}, 3^{11}, 2^{10}\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{12}, 3^{14}, 2^6\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{12}, 3^{17}, 2^2\})$	389550371200081920
6	$\mathcal{O}(6; \{6^{13}, 2^{23}\})$	5942615777280
6	$\mathcal{O}(6; \{6^{13}, 3^3, 2^{19}\})$	47553986912256
6	$\mathcal{O}(6; \{6^{13}, 3^6, 2^{15}\})$	380418834604032
6	$\mathcal{O}(6; \{6^{13}, 3^9, 2^{11}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{13}, 3^{12}, 2^7\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{13}, 3^{15}, 2^3\})$	194775187776823296
6	$\mathcal{O}(6; \{6^{14}, 3, 2^{20}\})$	23774816673792
6	$\mathcal{O}(6; \{6^{14}, 3^4, 2^{16}\})$	190211594084352
6	$\mathcal{O}(6; \{6^{14}, 3^7, 2^{12}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{14}, 3^{10}, 2^8\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{14}, 3^{13}, 2^4\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{14}, 3^{16}\})$	779100746753728512
6	$\mathcal{O}(6; \{6^{15}, 3^2, 2^{17}\})$	95103620259840
6	$\mathcal{O}(6; \{6^{15}, 3^5, 2^{13}\})$	760842022772736
6	$\mathcal{O}(6; \{6^{15}, 3^8, 2^9\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{15}, 3^{11}, 2^5\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{15}, 3^{14}, 2\})$	389550371200081920
6	$\mathcal{O}(6; \{6^{16}, 2^{18}\})$	47553986912256
6	$\mathcal{O}(6; \{6^{16}, 3^3, 2^{14}\})$	380418834604032
6	$\mathcal{O}(6; \{6^{16}, 3^6, 2^{10}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{16}, 3^9, 2^6\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{16}, 3^{12}, 2^2\})$	194775187776823296
6	$\mathcal{O}(6; \{6^{17}, 3, 2^{15}\})$	190211594084352
6	$\mathcal{O}(6; \{6^{17}, 3^4, 2^{11}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{17}, 3^7, 2^7\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{17}, 3^{10}, 2^3\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{18}, 3^2, 2^{12}\})$	760842022772736
6	$\mathcal{O}(6; \{6^{18}, 3^5, 2^8\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{18}, 3^8, 2^4\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{18}, 3^{11}\})$	389550371200081920
6	$\mathcal{O}(6; \{6^{19}, 2^{13}\})$	380418834604032
6	$\mathcal{O}(6; \{6^{19}, 3^3, 2^9\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{19}, 3^6, 2^5\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{19}, 3^9, 2\})$	194775187776823296
6	$\mathcal{O}(6; \{6^{20}, 3, 2^{10}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{20}, 3^4, 2^6\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{20}, 3^7, 2^2\})$	97387591711629312

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{6^{21}, 3^2, 2^7\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{21}, 3^5, 2^3\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{22}, 2^8\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{22}, 3^3, 2^4\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{22}, 3^6\})$	194775187776823296
6	$\mathcal{O}(6; \{6^{23}, 3, 2^5\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{23}, 3^4, 2\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{24}, 3^2, 2^2\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{25}, 2^3\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{26}, 3\})$	97387591711629312
6	$\mathcal{O}(5; \{3^2, 2^{46}\})$	120932352
6	$\mathcal{O}(5; \{3^5, 2^{42}\})$	604661760
6	$\mathcal{O}(5; \{3^8, 2^{38}\})$	5200091136
6	$\mathcal{O}(5; \{3^{11}, 2^{34}\})$	41237932032
6	$\mathcal{O}(5; \{3^{14}, 2^{30}\})$	330266253312
6	$\mathcal{O}(5; \{3^{17}, 2^{26}\})$	2641767229440
6	$\mathcal{O}(5; \{3^{20}, 2^{22}\})$	21134500632576
6	$\mathcal{O}(5; \{3^{23}, 2^{18}\})$	169075642263552
6	$\mathcal{O}(5; \{3^{26}, 2^{14}\})$	1352605500905472
6	$\mathcal{O}(5; \{3^{29}, 2^{10}\})$	10820843644446720
6	$\mathcal{O}(5; \{3^{32}, 2^6\})$	86566749518370816
6	$\mathcal{O}(5; \{3^{35}, 2^2\})$	692533995784169472
6	$\mathcal{O}(5; \{6, 3^3, 2^{43}\})$	362797056
6	$\mathcal{O}(5; \{6, 3^6, 2^{39}\})$	2539579392
6	$\mathcal{O}(5; \{6, 3^9, 2^{35}\})$	20679432192
6	$\mathcal{O}(5; \{6, 3^{12}, 2^{31}\})$	165072660480
6	$\mathcal{O}(5; \{6, 3^{15}, 2^{27}\})$	1320944080896
6	$\mathcal{O}(5; \{6, 3^{18}, 2^{23}\})$	10567189850112
6	$\mathcal{O}(5; \{6, 3^{21}, 2^{19}\})$	84537881597952
6	$\mathcal{O}(5; \{6, 3^{24}, 2^{15}\})$	676302689986560
6	$\mathcal{O}(5; \{6, 3^{27}, 2^{11}\})$	5410421882689536
6	$\mathcal{O}(5; \{6, 3^{30}, 2^7\})$	43283374698719232
6	$\mathcal{O}(5; \{6, 3^{33}, 2^3\})$	346266997952550912
6	$\mathcal{O}(5; \{6^2, 3, 2^{44}\})$	120932352
6	$\mathcal{O}(5; \{6^2, 3^4, 2^{40}\})$	1330255872
6	$\mathcal{O}(5; \{6^2, 3^7, 2^{36}\})$	10279249920
6	$\mathcal{O}(5; \{6^2, 3^{10}, 2^{32}\})$	82596796416
6	$\mathcal{O}(5; \{6^2, 3^{13}, 2^{28}\})$	660411574272
6	$\mathcal{O}(5; \{6^2, 3^{16}, 2^{24}\})$	5283655391232
6	$\mathcal{O}(5; \{6^2, 3^{19}, 2^{20}\})$	42268880332800
6	$\mathcal{O}(5; \{6^2, 3^{22}, 2^{16}\})$	338151405459456
6	$\mathcal{O}(5; \{6^2, 3^{25}, 2^{12}\})$	2705210880878592
6	$\mathcal{O}(5; \{6^2, 3^{28}, 2^8\})$	21641687409825792

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6^2, 3^{31}, 2^4\})$	173133498915809280
6	$\mathcal{O}(5; \{6^2, 3^{34}\})$	1385067991689271296
6	$\mathcal{O}(5; \{6^3, 3^2, 2^{41}\})$	604661760
6	$\mathcal{O}(5; \{6^3, 3^5, 2^{37}\})$	5200091136
6	$\mathcal{O}(5; \{6^3, 3^8, 2^{33}\})$	41237932032
6	$\mathcal{O}(5; \{6^3, 3^{11}, 2^{29}\})$	330266253312
6	$\mathcal{O}(5; \{6^3, 3^{14}, 2^{25}\})$	2641767229440
6	$\mathcal{O}(5; \{6^3, 3^{17}, 2^{21}\})$	21134500632576
6	$\mathcal{O}(5; \{6^3, 3^{20}, 2^{17}\})$	169075642263552
6	$\mathcal{O}(5; \{6^3, 3^{23}, 2^{13}\})$	1352605500905472
6	$\mathcal{O}(5; \{6^3, 3^{26}, 2^9\})$	10820843644446720
6	$\mathcal{O}(5; \{6^3, 3^{29}, 2^5\})$	86566749518370816
6	$\mathcal{O}(5; \{6^3, 3^{32}, 2\})$	692533995784169472
6	$\mathcal{O}(5; \{6^4, 2^{42}\})$	362797056
6	$\mathcal{O}(5; \{6^4, 3^3, 2^{38}\})$	2539579392
6	$\mathcal{O}(5; \{6^4, 3^6, 2^{34}\})$	20679432192
6	$\mathcal{O}(5; \{6^4, 3^9, 2^{30}\})$	165072660480
6	$\mathcal{O}(5; \{6^4, 3^{12}, 2^{26}\})$	1320944080896
6	$\mathcal{O}(5; \{6^4, 3^{15}, 2^{22}\})$	10567189850112
6	$\mathcal{O}(5; \{6^4, 3^{18}, 2^{18}\})$	84537881597952
6	$\mathcal{O}(5; \{6^4, 3^{21}, 2^{14}\})$	676302689986560
6	$\mathcal{O}(5; \{6^4, 3^{24}, 2^{10}\})$	5410421882689536
6	$\mathcal{O}(5; \{6^4, 3^{27}, 2^6\})$	43283374698719232
6	$\mathcal{O}(5; \{6^4, 3^{30}, 2^2\})$	346266997952550912
6	$\mathcal{O}(5; \{6^5, 3, 2^{39}\})$	1330255872
6	$\mathcal{O}(5; \{6^5, 3^4, 2^{35}\})$	10279249920
6	$\mathcal{O}(5; \{6^5, 3^7, 2^{31}\})$	82596796416
6	$\mathcal{O}(5; \{6^5, 3^{10}, 2^{27}\})$	660411574272
6	$\mathcal{O}(5; \{6^5, 3^{13}, 2^{23}\})$	5283655391232
6	$\mathcal{O}(5; \{6^5, 3^{16}, 2^{19}\})$	42268880332800
6	$\mathcal{O}(5; \{6^5, 3^{19}, 2^{15}\})$	338151405459456
6	$\mathcal{O}(5; \{6^5, 3^{22}, 2^{11}\})$	2705210880878592
6	$\mathcal{O}(5; \{6^5, 3^{25}, 2^7\})$	21641687409825792
6	$\mathcal{O}(5; \{6^5, 3^{28}, 2^3\})$	173133498915809280
6	$\mathcal{O}(5; \{6^6, 3^2, 2^{36}\})$	5200091136
6	$\mathcal{O}(5; \{6^6, 3^5, 2^{32}\})$	41237932032
6	$\mathcal{O}(5; \{6^6, 3^8, 2^{28}\})$	330266253312
6	$\mathcal{O}(5; \{6^6, 3^{11}, 2^{24}\})$	2641767229440
6	$\mathcal{O}(5; \{6^6, 3^{14}, 2^{20}\})$	21134500632576
6	$\mathcal{O}(5; \{6^6, 3^{17}, 2^{16}\})$	169075642263552
6	$\mathcal{O}(5; \{6^6, 3^{20}, 2^{12}\})$	1352605500905472
6	$\mathcal{O}(5; \{6^6, 3^{23}, 2^8\})$	10820843644446720
6	$\mathcal{O}(5; \{6^6, 3^{26}, 2^4\})$	86566749518370816

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6^6, 3^{29}\})$	692533995784169472
6	$\mathcal{O}(5; \{6^7, 2^{37}\})$	2539579392
6	$\mathcal{O}(5; \{6^7, 3^3, 2^{33}\})$	20679432192
6	$\mathcal{O}(5; \{6^7, 3^6, 2^{29}\})$	165072660480
6	$\mathcal{O}(5; \{6^7, 3^9, 2^{25}\})$	1320944080896
6	$\mathcal{O}(5; \{6^7, 3^{12}, 2^{21}\})$	10567189850112
6	$\mathcal{O}(5; \{6^7, 3^{15}, 2^{17}\})$	84537881597952
6	$\mathcal{O}(5; \{6^7, 3^{18}, 2^{13}\})$	676302689986560
6	$\mathcal{O}(5; \{6^7, 3^{21}, 2^9\})$	5410421882689536
6	$\mathcal{O}(5; \{6^7, 3^{24}, 2^5\})$	43283374698719232
6	$\mathcal{O}(5; \{6^7, 3^{27}, 2\})$	346266997952550912
6	$\mathcal{O}(5; \{6^8, 3, 2^{34}\})$	10279249920
6	$\mathcal{O}(5; \{6^8, 3^4, 2^{30}\})$	82596796416
6	$\mathcal{O}(5; \{6^8, 3^7, 2^{26}\})$	660411574272
6	$\mathcal{O}(5; \{6^8, 3^{10}, 2^{22}\})$	5283655391232
6	$\mathcal{O}(5; \{6^8, 3^{13}, 2^{18}\})$	42268880332800
6	$\mathcal{O}(5; \{6^8, 3^{16}, 2^{14}\})$	338151405459456
6	$\mathcal{O}(5; \{6^8, 3^{19}, 2^{10}\})$	2705210880878592
6	$\mathcal{O}(5; \{6^8, 3^{22}, 2^6\})$	21641687409825792
6	$\mathcal{O}(5; \{6^8, 3^{25}, 2^2\})$	173133498915809280
6	$\mathcal{O}(5; \{6^9, 3^2, 2^{31}\})$	41237932032
6	$\mathcal{O}(5; \{6^9, 3^5, 2^{27}\})$	330266253312
6	$\mathcal{O}(5; \{6^9, 3^8, 2^{23}\})$	2641767229440
6	$\mathcal{O}(5; \{6^9, 3^{11}, 2^{19}\})$	21134500632576
6	$\mathcal{O}(5; \{6^9, 3^{14}, 2^{15}\})$	169075642263552
6	$\mathcal{O}(5; \{6^9, 3^{17}, 2^{11}\})$	1352605500905472
6	$\mathcal{O}(5; \{6^9, 3^{20}, 2^7\})$	10820843644446720
6	$\mathcal{O}(5; \{6^9, 3^{23}, 2^3\})$	86566749518370816
6	$\mathcal{O}(5; \{6^{10}, 2^{32}\})$	20679432192
6	$\mathcal{O}(5; \{6^{10}, 3^3, 2^{28}\})$	165072660480
6	$\mathcal{O}(5; \{6^{10}, 3^6, 2^{24}\})$	1320944080896
6	$\mathcal{O}(5; \{6^{10}, 3^9, 2^{20}\})$	10567189850112
6	$\mathcal{O}(5; \{6^{10}, 3^{12}, 2^{16}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{10}, 3^{15}, 2^{12}\})$	676302689986560
6	$\mathcal{O}(5; \{6^{10}, 3^{18}, 2^8\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{10}, 3^{21}, 2^4\})$	43283374698719232
6	$\mathcal{O}(5; \{6^{10}, 3^{24}\})$	346266997952550912
6	$\mathcal{O}(5; \{6^{11}, 3, 2^{29}\})$	82596796416
6	$\mathcal{O}(5; \{6^{11}, 3^4, 2^{25}\})$	660411574272
6	$\mathcal{O}(5; \{6^{11}, 3^7, 2^{21}\})$	5283655391232
6	$\mathcal{O}(5; \{6^{11}, 3^{10}, 2^{17}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{11}, 3^{13}, 2^{13}\})$	338151405459456
6	$\mathcal{O}(5; \{6^{11}, 3^{16}, 2^9\})$	2705210880878592

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6^{11}, 3^{19}, 2^5\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{11}, 3^{22}, 2\})$	173133498915809280
6	$\mathcal{O}(5; \{6^{12}, 3^2, 2^{26}\})$	330266253312
6	$\mathcal{O}(5; \{6^{12}, 3^5, 2^{22}\})$	2641767229440
6	$\mathcal{O}(5; \{6^{12}, 3^8, 2^{18}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{12}, 3^{11}, 2^{14}\})$	169075642263552
6	$\mathcal{O}(5; \{6^{12}, 3^{14}, 2^{10}\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{12}, 3^{17}, 2^6\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{12}, 3^{20}, 2^2\})$	86566749518370816
6	$\mathcal{O}(5; \{6^{13}, 2^{27}\})$	165072660480
6	$\mathcal{O}(5; \{6^{13}, 3^3, 2^{23}\})$	1320944080896
6	$\mathcal{O}(5; \{6^{13}, 3^6, 2^{19}\})$	10567189850112
6	$\mathcal{O}(5; \{6^{13}, 3^9, 2^{15}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{13}, 3^{12}, 2^{11}\})$	676302689986560
6	$\mathcal{O}(5; \{6^{13}, 3^{15}, 2^7\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{13}, 3^{18}, 2^3\})$	43283374698719232
6	$\mathcal{O}(5; \{6^{14}, 3, 2^{24}\})$	660411574272
6	$\mathcal{O}(5; \{6^{14}, 3^4, 2^{20}\})$	5283655391232
6	$\mathcal{O}(5; \{6^{14}, 3^7, 2^{16}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{14}, 3^{10}, 2^{12}\})$	338151405459456
6	$\mathcal{O}(5; \{6^{14}, 3^{13}, 2^8\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{14}, 3^{16}, 2^4\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{14}, 3^{19}\})$	173133498915809280
6	$\mathcal{O}(5; \{6^{15}, 3^2, 2^{21}\})$	2641767229440
6	$\mathcal{O}(5; \{6^{15}, 3^5, 2^{17}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{15}, 3^8, 2^{13}\})$	169075642263552
6	$\mathcal{O}(5; \{6^{15}, 3^{11}, 2^9\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{15}, 3^{14}, 2^5\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{15}, 3^{17}, 2\})$	86566749518370816
6	$\mathcal{O}(5; \{6^{16}, 2^{22}\})$	1320944080896
6	$\mathcal{O}(5; \{6^{16}, 3^3, 2^{18}\})$	10567189850112
6	$\mathcal{O}(5; \{6^{16}, 3^6, 2^{14}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{16}, 3^9, 2^{10}\})$	676302689986560
6	$\mathcal{O}(5; \{6^{16}, 3^{12}, 2^6\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{16}, 3^{15}, 2^2\})$	43283374698719232
6	$\mathcal{O}(5; \{6^{17}, 3, 2^{19}\})$	5283655391232
6	$\mathcal{O}(5; \{6^{17}, 3^4, 2^{15}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{17}, 3^7, 2^{11}\})$	338151405459456
6	$\mathcal{O}(5; \{6^{17}, 3^{10}, 2^7\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{17}, 3^{13}, 2^3\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{18}, 3^2, 2^{16}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{18}, 3^5, 2^{12}\})$	169075642263552
6	$\mathcal{O}(5; \{6^{18}, 3^8, 2^8\})$	1352605500905472

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6^{18}, 3^{11}, 2^4\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{18}, 3^{14}\})$	86566749518370816
6	$\mathcal{O}(5; \{6^{19}, 2^{17}\})$	10567189850112
6	$\mathcal{O}(5; \{6^{19}, 3^3, 2^{13}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{19}, 3^6, 2^9\})$	676302689986560
6	$\mathcal{O}(5; \{6^{19}, 3^9, 2^5\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{19}, 3^{12}, 2\})$	43283374698719232
6	$\mathcal{O}(5; \{6^{20}, 3, 2^{14}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{20}, 3^4, 2^{10}\})$	338151405459456
6	$\mathcal{O}(5; \{6^{20}, 3^7, 2^6\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{20}, 3^{10}, 2^2\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{21}, 3^2, 2^{11}\})$	169075642263552
6	$\mathcal{O}(5; \{6^{21}, 3^5, 2^7\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{21}, 3^8, 2^3\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{22}, 2^{12}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{22}, 3^3, 2^8\})$	676302689986560
6	$\mathcal{O}(5; \{6^{22}, 3^6, 2^4\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{22}, 3^9\})$	43283374698719232
6	$\mathcal{O}(5; \{6^{23}, 3, 2^9\})$	338151405459456
6	$\mathcal{O}(5; \{6^{23}, 3^4, 2^5\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{23}, 3^7, 2\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{24}, 3^2, 2^6\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{24}, 3^5, 2^2\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{25}, 2^7\})$	676302689986560
6	$\mathcal{O}(5; \{6^{25}, 3^3, 2^3\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{26}, 3, 2^4\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{26}, 3^4\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{27}, 3^2, 2\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{28}, 2^2\})$	5410421882689536
6	$\mathcal{O}(4; \{3^2, 2^{50}\})$	3359232
6	$\mathcal{O}(4; \{3^5, 2^{46}\})$	16796160
6	$\mathcal{O}(4; \{3^8, 2^{42}\})$	144446976
6	$\mathcal{O}(4; \{3^{11}, 2^{38}\})$	1145498112
6	$\mathcal{O}(4; \{3^{14}, 2^{34}\})$	9174062592
6	$\mathcal{O}(4; \{3^{17}, 2^{30}\})$	73382423040
6	$\mathcal{O}(4; \{3^{20}, 2^{26}\})$	587069462016
6	$\mathcal{O}(4; \{3^{23}, 2^{22}\})$	4696545618432
6	$\mathcal{O}(4; \{3^{26}, 2^{18}\})$	37572375025152
6	$\mathcal{O}(4; \{3^{29}, 2^{14}\})$	300578990123520
6	$\mathcal{O}(4; \{3^{32}, 2^{10}\})$	2404631931065856
6	$\mathcal{O}(4; \{3^{35}, 2^6\})$	19237055438449152
6	$\mathcal{O}(4; \{3^{38}, 2^2\})$	153896443517670912
6	$\mathcal{O}(4; \{6, 3^3, 2^{47}\})$	10077696

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6, 3^6, 2^{43}\})$	70543872
6	$\mathcal{O}(4; \{6, 3^9, 2^{39}\})$	574428672
6	$\mathcal{O}(4; \{6, 3^{12}, 2^{35}\})$	4585351680
6	$\mathcal{O}(4; \{6, 3^{15}, 2^{31}\})$	36692891136
6	$\mathcal{O}(4; \{6, 3^{18}, 2^{27}\})$	293533051392
6	$\mathcal{O}(4; \{6, 3^{21}, 2^{23}\})$	2348274488832
6	$\mathcal{O}(4; \{6, 3^{24}, 2^{19}\})$	18786185832960
6	$\mathcal{O}(4; \{6, 3^{27}, 2^{15}\})$	150289496741376
6	$\mathcal{O}(4; \{6, 3^{30}, 2^{11}\})$	1202315963853312
6	$\mathcal{O}(4; \{6, 3^{33}, 2^7\})$	9618527720904192
6	$\mathcal{O}(4; \{6, 3^{36}, 2^3\})$	76948221757155840
6	$\mathcal{O}(4; \{6^2, 3, 2^{48}\})$	3359232
6	$\mathcal{O}(4; \{6^2, 3^4, 2^{44}\})$	36951552
6	$\mathcal{O}(4; \{6^2, 3^7, 2^{40}\})$	285534720
6	$\mathcal{O}(4; \{6^2, 3^{10}, 2^{36}\})$	2294355456
6	$\mathcal{O}(4; \{6^2, 3^{13}, 2^{32}\})$	18344765952
6	$\mathcal{O}(4; \{6^2, 3^{16}, 2^{28}\})$	146768205312
6	$\mathcal{O}(4; \{6^2, 3^{19}, 2^{24}\})$	1174135564800
6	$\mathcal{O}(4; \{6^2, 3^{22}, 2^{20}\})$	9393094596096
6	$\mathcal{O}(4; \{6^2, 3^{25}, 2^{16}\})$	75144746691072
6	$\mathcal{O}(4; \{6^2, 3^{28}, 2^{12}\})$	601157983606272
6	$\mathcal{O}(4; \{6^2, 3^{31}, 2^8\})$	4809263858772480
6	$\mathcal{O}(4; \{6^2, 3^{34}, 2^4\})$	38474110880257536
6	$\mathcal{O}(4; \{6^2, 3^{37}\})$	307792887031982592
6	$\mathcal{O}(4; \{6^3, 3^2, 2^{45}\})$	16796160
6	$\mathcal{O}(4; \{6^3, 3^5, 2^{41}\})$	144446976
6	$\mathcal{O}(4; \{6^3, 3^8, 2^{37}\})$	1145498112
6	$\mathcal{O}(4; \{6^3, 3^{11}, 2^{33}\})$	9174062592
6	$\mathcal{O}(4; \{6^3, 3^{14}, 2^{29}\})$	73382423040
6	$\mathcal{O}(4; \{6^3, 3^{17}, 2^{25}\})$	587069462016
6	$\mathcal{O}(4; \{6^3, 3^{20}, 2^{21}\})$	4696545618432
6	$\mathcal{O}(4; \{6^3, 3^{23}, 2^{17}\})$	37572375025152
6	$\mathcal{O}(4; \{6^3, 3^{26}, 2^{13}\})$	300578990123520
6	$\mathcal{O}(4; \{6^3, 3^{29}, 2^9\})$	2404631931065856
6	$\mathcal{O}(4; \{6^3, 3^{32}, 2^5\})$	19237055438449152
6	$\mathcal{O}(4; \{6^3, 3^{35}, 2\})$	153896443517670912
6	$\mathcal{O}(4; \{6^4, 2^{46}\})$	10077696
6	$\mathcal{O}(4; \{6^4, 3^3, 2^{42}\})$	70543872
6	$\mathcal{O}(4; \{6^4, 3^6, 2^{38}\})$	574428672
6	$\mathcal{O}(4; \{6^4, 3^9, 2^{34}\})$	4585351680
6	$\mathcal{O}(4; \{6^4, 3^{12}, 2^{30}\})$	36692891136
6	$\mathcal{O}(4; \{6^4, 3^{15}, 2^{26}\})$	293533051392
6	$\mathcal{O}(4; \{6^4, 3^{18}, 2^{22}\})$	2348274488832

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^4, 3^{21}, 2^{18}\})$	18786185832960
6	$\mathcal{O}(4; \{6^4, 3^{24}, 2^{14}\})$	150289496741376
6	$\mathcal{O}(4; \{6^4, 3^{27}, 2^{10}\})$	1202315963853312
6	$\mathcal{O}(4; \{6^4, 3^{30}, 2^6\})$	9618527720904192
6	$\mathcal{O}(4; \{6^4, 3^{33}, 2^2\})$	76948221757155840
6	$\mathcal{O}(4; \{6^5, 3, 2^{43}\})$	36951552
6	$\mathcal{O}(4; \{6^5, 3^4, 2^{39}\})$	285534720
6	$\mathcal{O}(4; \{6^5, 3^7, 2^{35}\})$	2294355456
6	$\mathcal{O}(4; \{6^5, 3^{10}, 2^{31}\})$	18344765952
6	$\mathcal{O}(4; \{6^5, 3^{13}, 2^{27}\})$	146768205312
6	$\mathcal{O}(4; \{6^5, 3^{16}, 2^{23}\})$	1174135564800
6	$\mathcal{O}(4; \{6^5, 3^{19}, 2^{19}\})$	9393094596096
6	$\mathcal{O}(4; \{6^5, 3^{22}, 2^{15}\})$	75144746691072
6	$\mathcal{O}(4; \{6^5, 3^{25}, 2^{11}\})$	601157983606272
6	$\mathcal{O}(4; \{6^5, 3^{28}, 2^7\})$	4809263858772480
6	$\mathcal{O}(4; \{6^5, 3^{31}, 2^3\})$	38474110880257536
6	$\mathcal{O}(4; \{6^6, 3^2, 2^{40}\})$	144446976
6	$\mathcal{O}(4; \{6^6, 3^5, 2^{36}\})$	1145498112
6	$\mathcal{O}(4; \{6^6, 3^8, 2^{32}\})$	9174062592
6	$\mathcal{O}(4; \{6^6, 3^{11}, 2^{28}\})$	73382423040
6	$\mathcal{O}(4; \{6^6, 3^{14}, 2^{24}\})$	587069462016
6	$\mathcal{O}(4; \{6^6, 3^{17}, 2^{20}\})$	4696545618432
6	$\mathcal{O}(4; \{6^6, 3^{20}, 2^{16}\})$	37572375025152
6	$\mathcal{O}(4; \{6^6, 3^{23}, 2^{12}\})$	300578990123520
6	$\mathcal{O}(4; \{6^6, 3^{26}, 2^8\})$	2404631931065856
6	$\mathcal{O}(4; \{6^6, 3^{29}, 2^4\})$	19237055438449152
6	$\mathcal{O}(4; \{6^6, 3^{32}\})$	153896443517670912
6	$\mathcal{O}(4; \{6^7, 2^{41}\})$	70543872
6	$\mathcal{O}(4; \{6^7, 3^3, 2^{37}\})$	574428672
6	$\mathcal{O}(4; \{6^7, 3^6, 2^{33}\})$	4585351680
6	$\mathcal{O}(4; \{6^7, 3^9, 2^{29}\})$	36692891136
6	$\mathcal{O}(4; \{6^7, 3^{12}, 2^{25}\})$	293533051392
6	$\mathcal{O}(4; \{6^7, 3^{15}, 2^{21}\})$	2348274488832
6	$\mathcal{O}(4; \{6^7, 3^{18}, 2^{17}\})$	18786185832960
6	$\mathcal{O}(4; \{6^7, 3^{21}, 2^{13}\})$	150289496741376
6	$\mathcal{O}(4; \{6^7, 3^{24}, 2^9\})$	1202315963853312
6	$\mathcal{O}(4; \{6^7, 3^{27}, 2^5\})$	9618527720904192
6	$\mathcal{O}(4; \{6^7, 3^{30}, 2\})$	76948221757155840
6	$\mathcal{O}(4; \{6^8, 3, 2^{38}\})$	285534720
6	$\mathcal{O}(4; \{6^8, 3^4, 2^{34}\})$	2294355456
6	$\mathcal{O}(4; \{6^8, 3^7, 2^{30}\})$	18344765952
6	$\mathcal{O}(4; \{6^8, 3^{10}, 2^{26}\})$	146768205312
6	$\mathcal{O}(4; \{6^8, 3^{13}, 2^{22}\})$	1174135564800

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^8, 3^{16}, 2^{18}\})$	9393094596096
6	$\mathcal{O}(4; \{6^8, 3^{19}, 2^{14}\})$	75144746691072
6	$\mathcal{O}(4; \{6^8, 3^{22}, 2^{10}\})$	601157983606272
6	$\mathcal{O}(4; \{6^8, 3^{25}, 2^6\})$	4809263858772480
6	$\mathcal{O}(4; \{6^8, 3^{28}, 2^2\})$	38474110880257536
6	$\mathcal{O}(4; \{6^9, 3^2, 2^{35}\})$	1145498112
6	$\mathcal{O}(4; \{6^9, 3^5, 2^{31}\})$	9174062592
6	$\mathcal{O}(4; \{6^9, 3^8, 2^{27}\})$	73382423040
6	$\mathcal{O}(4; \{6^9, 3^{11}, 2^{23}\})$	587069462016
6	$\mathcal{O}(4; \{6^9, 3^{14}, 2^{19}\})$	4696545618432
6	$\mathcal{O}(4; \{6^9, 3^{17}, 2^{15}\})$	37572375025152
6	$\mathcal{O}(4; \{6^9, 3^{20}, 2^{11}\})$	300578990123520
6	$\mathcal{O}(4; \{6^9, 3^{23}, 2^7\})$	2404631931065856
6	$\mathcal{O}(4; \{6^9, 3^{26}, 2^3\})$	19237055438449152
6	$\mathcal{O}(4; \{6^{10}, 2^{36}\})$	574428672
6	$\mathcal{O}(4; \{6^{10}, 3^3, 2^{32}\})$	4585351680
6	$\mathcal{O}(4; \{6^{10}, 3^6, 2^{28}\})$	36692891136
6	$\mathcal{O}(4; \{6^{10}, 3^9, 2^{24}\})$	293533051392
6	$\mathcal{O}(4; \{6^{10}, 3^{12}, 2^{20}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{10}, 3^{15}, 2^{16}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{10}, 3^{18}, 2^{12}\})$	150289496741376
6	$\mathcal{O}(4; \{6^{10}, 3^{21}, 2^8\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{10}, 3^{24}, 2^4\})$	9618527720904192
6	$\mathcal{O}(4; \{6^{10}, 3^{27}\})$	76948221757155840
6	$\mathcal{O}(4; \{6^{11}, 3, 2^{33}\})$	2294355456
6	$\mathcal{O}(4; \{6^{11}, 3^4, 2^{29}\})$	18344765952
6	$\mathcal{O}(4; \{6^{11}, 3^7, 2^{25}\})$	146768205312
6	$\mathcal{O}(4; \{6^{11}, 3^{10}, 2^{21}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{11}, 3^{13}, 2^{17}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{11}, 3^{16}, 2^{13}\})$	75144746691072
6	$\mathcal{O}(4; \{6^{11}, 3^{19}, 2^9\})$	601157983606272
6	$\mathcal{O}(4; \{6^{11}, 3^{22}, 2^5\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{11}, 3^{25}, 2\})$	38474110880257536
6	$\mathcal{O}(4; \{6^{12}, 3^2, 2^{30}\})$	9174062592
6	$\mathcal{O}(4; \{6^{12}, 3^5, 2^{26}\})$	73382423040
6	$\mathcal{O}(4; \{6^{12}, 3^8, 2^{22}\})$	587069462016
6	$\mathcal{O}(4; \{6^{12}, 3^{11}, 2^{18}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{12}, 3^{14}, 2^{14}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{12}, 3^{17}, 2^{10}\})$	300578990123520
6	$\mathcal{O}(4; \{6^{12}, 3^{20}, 2^6\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{12}, 3^{23}, 2^2\})$	19237055438449152
6	$\mathcal{O}(4; \{6^{13}, 2^{31}\})$	4585351680
6	$\mathcal{O}(4; \{6^{13}, 3^3, 2^{27}\})$	36692891136

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^{13}, 3^6, 2^{23}\})$	293533051392
6	$\mathcal{O}(4; \{6^{13}, 3^9, 2^{19}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{13}, 3^{12}, 2^{15}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{13}, 3^{15}, 2^{11}\})$	150289496741376
6	$\mathcal{O}(4; \{6^{13}, 3^{18}, 2^7\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{13}, 3^{21}, 2^3\})$	9618527720904192
6	$\mathcal{O}(4; \{6^{14}, 3, 2^{28}\})$	18344765952
6	$\mathcal{O}(4; \{6^{14}, 3^4, 2^{24}\})$	146768205312
6	$\mathcal{O}(4; \{6^{14}, 3^7, 2^{20}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{14}, 3^{10}, 2^{16}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{14}, 3^{13}, 2^{12}\})$	75144746691072
6	$\mathcal{O}(4; \{6^{14}, 3^{16}, 2^8\})$	601157983606272
6	$\mathcal{O}(4; \{6^{14}, 3^{19}, 2^4\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{14}, 3^{22}\})$	38474110880257536
6	$\mathcal{O}(4; \{6^{15}, 3^2, 2^{25}\})$	73382423040
6	$\mathcal{O}(4; \{6^{15}, 3^5, 2^{21}\})$	587069462016
6	$\mathcal{O}(4; \{6^{15}, 3^8, 2^{17}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{15}, 3^{11}, 2^{13}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{15}, 3^{14}, 2^9\})$	300578990123520
6	$\mathcal{O}(4; \{6^{15}, 3^{17}, 2^5\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{15}, 3^{20}, 2\})$	19237055438449152
6	$\mathcal{O}(4; \{6^{16}, 2^{26}\})$	36692891136
6	$\mathcal{O}(4; \{6^{16}, 3^3, 2^{22}\})$	293533051392
6	$\mathcal{O}(4; \{6^{16}, 3^6, 2^{18}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{16}, 3^9, 2^{14}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{16}, 3^{12}, 2^{10}\})$	150289496741376
6	$\mathcal{O}(4; \{6^{16}, 3^{15}, 2^6\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{16}, 3^{18}, 2^2\})$	9618527720904192
6	$\mathcal{O}(4; \{6^{17}, 3, 2^{23}\})$	146768205312
6	$\mathcal{O}(4; \{6^{17}, 3^4, 2^{19}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{17}, 3^7, 2^{15}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{17}, 3^{10}, 2^{11}\})$	75144746691072
6	$\mathcal{O}(4; \{6^{17}, 3^{13}, 2^7\})$	601157983606272
6	$\mathcal{O}(4; \{6^{17}, 3^{16}, 2^3\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{18}, 3^2, 2^{20}\})$	587069462016
6	$\mathcal{O}(4; \{6^{18}, 3^5, 2^{16}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{18}, 3^8, 2^{12}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{18}, 3^{11}, 2^8\})$	300578990123520
6	$\mathcal{O}(4; \{6^{18}, 3^{14}, 2^4\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{18}, 3^{17}\})$	19237055438449152
6	$\mathcal{O}(4; \{6^{19}, 2^{21}\})$	293533051392
6	$\mathcal{O}(4; \{6^{19}, 3^3, 2^{17}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{19}, 3^6, 2^{13}\})$	18786185832960

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^{19}, 3^9, 2^9\})$	150289496741376
6	$\mathcal{O}(4; \{6^{19}, 3^{12}, 2^5\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{19}, 3^{15}, 2\})$	9618527720904192
6	$\mathcal{O}(4; \{6^{20}, 3, 2^{18}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{20}, 3^4, 2^{14}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{20}, 3^7, 2^{10}\})$	75144746691072
6	$\mathcal{O}(4; \{6^{20}, 3^{10}, 2^6\})$	601157983606272
6	$\mathcal{O}(4; \{6^{20}, 3^{13}, 2^2\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{21}, 3^2, 2^{15}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{21}, 3^5, 2^{11}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{21}, 3^8, 2^7\})$	300578990123520
6	$\mathcal{O}(4; \{6^{21}, 3^{11}, 2^3\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{22}, 2^{16}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{22}, 3^3, 2^{12}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{22}, 3^6, 2^8\})$	150289496741376
6	$\mathcal{O}(4; \{6^{22}, 3^9, 2^4\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{22}, 3^{12}\})$	9618527720904192
6	$\mathcal{O}(4; \{6^{23}, 3, 2^{13}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{23}, 3^4, 2^9\})$	75144746691072
6	$\mathcal{O}(4; \{6^{23}, 3^7, 2^5\})$	601157983606272
6	$\mathcal{O}(4; \{6^{23}, 3^{10}, 2\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{24}, 3^2, 2^{10}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{24}, 3^5, 2^6\})$	300578990123520
6	$\mathcal{O}(4; \{6^{24}, 3^8, 2^2\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{25}, 2^{11}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{25}, 3^3, 2^7\})$	150289496741376
6	$\mathcal{O}(4; \{6^{25}, 3^6, 2^3\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{26}, 3, 2^8\})$	75144746691072
6	$\mathcal{O}(4; \{6^{26}, 3^4, 2^4\})$	601157983606272
6	$\mathcal{O}(4; \{6^{26}, 3^7\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{27}, 3^2, 2^5\})$	300578990123520
6	$\mathcal{O}(4; \{6^{27}, 3^5, 2\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{28}, 2^6\})$	150289496741376
6	$\mathcal{O}(4; \{6^{28}, 3^3, 2^2\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{29}, 3, 2^3\})$	601157983606272
6	$\mathcal{O}(4; \{6^{30}, 3^2\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{31}, 2\})$	1202315963853312
6	$\mathcal{O}(3; \{3^2, 2^{54}\})$	93312
6	$\mathcal{O}(3; \{3^5, 2^{50}\})$	466560
6	$\mathcal{O}(3; \{3^8, 2^{46}\})$	4012416
6	$\mathcal{O}(3; \{3^{11}, 2^{42}\})$	31819392
6	$\mathcal{O}(3; \{3^{14}, 2^{38}\})$	254835072
6	$\mathcal{O}(3; \{3^{17}, 2^{34}\})$	2038400640

Continued on next page

Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{3^{20}, 2^{30}\})$	16307485056
6	$\mathcal{O}(3; \{3^{23}, 2^{26}\})$	130459600512
6	$\mathcal{O}(3; \{3^{26}, 2^{22}\})$	1043677084032
6	$\mathcal{O}(3; \{3^{29}, 2^{18}\})$	8349416392320
6	$\mathcal{O}(3; \{3^{32}, 2^{14}\})$	66795331418496
6	$\mathcal{O}(3; \{3^{35}, 2^{10}\})$	534362651068032
6	$\mathcal{O}(3; \{3^{38}, 2^6\})$	4274901208824192
6	$\mathcal{O}(3; \{3^{41}, 2^2\})$	34199209670313600
6	$\mathcal{O}(3; \{6, 3^3, 2^{51}\})$	279936
6	$\mathcal{O}(3; \{6, 3^6, 2^{47}\})$	1959552
6	$\mathcal{O}(3; \{6, 3^9, 2^{43}\})$	15956352
6	$\mathcal{O}(3; \{6, 3^{12}, 2^{39}\})$	127370880
6	$\mathcal{O}(3; \{6, 3^{15}, 2^{35}\})$	1019246976
6	$\mathcal{O}(3; \{6, 3^{18}, 2^{31}\})$	8153695872
6	$\mathcal{O}(3; \{6, 3^{21}, 2^{27}\})$	65229846912
6	$\mathcal{O}(3; \{6, 3^{24}, 2^{23}\})$	521838495360
6	$\mathcal{O}(3; \{6, 3^{27}, 2^{19}\})$	4174708242816
6	$\mathcal{O}(3; \{6, 3^{30}, 2^{15}\})$	33397665662592
6	$\mathcal{O}(3; \{6, 3^{33}, 2^{11}\})$	267181325580672
6	$\mathcal{O}(3; \{6, 3^{36}, 2^7\})$	2137450604365440
6	$\mathcal{O}(3; \{6, 3^{39}, 2^3\})$	17099604835203456
6	$\mathcal{O}(3; \{6^2, 3, 2^{52}\})$	93312
6	$\mathcal{O}(3; \{6^2, 3^4, 2^{48}\})$	1026432
6	$\mathcal{O}(3; \{6^2, 3^7, 2^{44}\})$	7931520
6	$\mathcal{O}(3; \{6^2, 3^{10}, 2^{40}\})$	63732096
6	$\mathcal{O}(3; \{6^2, 3^{13}, 2^{36}\})$	509576832
6	$\mathcal{O}(3; \{6^2, 3^{16}, 2^{32}\})$	4076894592
6	$\mathcal{O}(3; \{6^2, 3^{19}, 2^{28}\})$	32614876800
6	$\mathcal{O}(3; \{6^2, 3^{22}, 2^{24}\})$	260919294336
6	$\mathcal{O}(3; \{6^2, 3^{25}, 2^{20}\})$	2087354074752
6	$\mathcal{O}(3; \{6^2, 3^{28}, 2^{16}\})$	16698832877952
6	$\mathcal{O}(3; \{6^2, 3^{31}, 2^{12}\})$	133590662743680
6	$\mathcal{O}(3; \{6^2, 3^{34}, 2^8\})$	1068725302229376
6	$\mathcal{O}(3; \{6^2, 3^{37}, 2^4\})$	8549802417555072
6	$\mathcal{O}(3; \{6^2, 3^{40}\})$	68398419340720512
6	$\mathcal{O}(3; \{6^3, 3^2, 2^{49}\})$	466560
6	$\mathcal{O}(3; \{6^3, 3^5, 2^{45}\})$	4012416
6	$\mathcal{O}(3; \{6^3, 3^8, 2^{41}\})$	31819392
6	$\mathcal{O}(3; \{6^3, 3^{11}, 2^{37}\})$	254835072
6	$\mathcal{O}(3; \{6^3, 3^{14}, 2^{33}\})$	2038400640
6	$\mathcal{O}(3; \{6^3, 3^{17}, 2^{29}\})$	16307485056
6	$\mathcal{O}(3; \{6^3, 3^{20}, 2^{25}\})$	130459600512
6	$\mathcal{O}(3; \{6^3, 3^{23}, 2^{21}\})$	1043677084032

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^3, 3^{26}, 2^{17}\})$	8349416392320
6	$\mathcal{O}(3; \{6^3, 3^{29}, 2^{13}\})$	66795331418496
6	$\mathcal{O}(3; \{6^3, 3^{32}, 2^9\})$	534362651068032
6	$\mathcal{O}(3; \{6^3, 3^{35}, 2^5\})$	4274901208824192
6	$\mathcal{O}(3; \{6^3, 3^{38}, 2\})$	34199209670313600
6	$\mathcal{O}(3; \{6^4, 2^{50}\})$	279936
6	$\mathcal{O}(3; \{6^4, 3^3, 2^{46}\})$	1959552
6	$\mathcal{O}(3; \{6^4, 3^6, 2^{42}\})$	15956352
6	$\mathcal{O}(3; \{6^4, 3^9, 2^{38}\})$	127370880
6	$\mathcal{O}(3; \{6^4, 3^{12}, 2^{34}\})$	1019246976
6	$\mathcal{O}(3; \{6^4, 3^{15}, 2^{30}\})$	8153695872
6	$\mathcal{O}(3; \{6^4, 3^{18}, 2^{26}\})$	65229846912
6	$\mathcal{O}(3; \{6^4, 3^{21}, 2^{22}\})$	521838495360
6	$\mathcal{O}(3; \{6^4, 3^{24}, 2^{18}\})$	4174708242816
6	$\mathcal{O}(3; \{6^4, 3^{27}, 2^{14}\})$	33397665662592
6	$\mathcal{O}(3; \{6^4, 3^{30}, 2^{10}\})$	267181325580672
6	$\mathcal{O}(3; \{6^4, 3^{33}, 2^6\})$	2137450604365440
6	$\mathcal{O}(3; \{6^4, 3^{36}, 2^2\})$	17099604835203456
6	$\mathcal{O}(3; \{6^5, 3, 2^{47}\})$	1026432
6	$\mathcal{O}(3; \{6^5, 3^4, 2^{43}\})$	7931520
6	$\mathcal{O}(3; \{6^5, 3^7, 2^{39}\})$	63732096
6	$\mathcal{O}(3; \{6^5, 3^{10}, 2^{35}\})$	509576832
6	$\mathcal{O}(3; \{6^5, 3^{13}, 2^{31}\})$	4076894592
6	$\mathcal{O}(3; \{6^5, 3^{16}, 2^{27}\})$	32614876800
6	$\mathcal{O}(3; \{6^5, 3^{19}, 2^{23}\})$	260919294336
6	$\mathcal{O}(3; \{6^5, 3^{22}, 2^{19}\})$	2087354074752
6	$\mathcal{O}(3; \{6^5, 3^{25}, 2^{15}\})$	16698832877952
6	$\mathcal{O}(3; \{6^5, 3^{28}, 2^{11}\})$	133590662743680
6	$\mathcal{O}(3; \{6^5, 3^{31}, 2^7\})$	1068725302229376
6	$\mathcal{O}(3; \{6^5, 3^{34}, 2^3\})$	8549802417555072
6	$\mathcal{O}(3; \{6^6, 3^2, 2^{44}\})$	4012416
6	$\mathcal{O}(3; \{6^6, 3^5, 2^{40}\})$	31819392
6	$\mathcal{O}(3; \{6^6, 3^8, 2^{36}\})$	254835072
6	$\mathcal{O}(3; \{6^6, 3^{11}, 2^{32}\})$	2038400640
6	$\mathcal{O}(3; \{6^6, 3^{14}, 2^{28}\})$	16307485056
6	$\mathcal{O}(3; \{6^6, 3^{17}, 2^{24}\})$	130459600512
6	$\mathcal{O}(3; \{6^6, 3^{20}, 2^{20}\})$	1043677084032
6	$\mathcal{O}(3; \{6^6, 3^{23}, 2^{16}\})$	8349416392320
6	$\mathcal{O}(3; \{6^6, 3^{26}, 2^{12}\})$	66795331418496
6	$\mathcal{O}(3; \{6^6, 3^{29}, 2^8\})$	534362651068032
6	$\mathcal{O}(3; \{6^6, 3^{32}, 2^4\})$	4274901208824192
6	$\mathcal{O}(3; \{6^6, 3^{35}\})$	34199209670313600
6	$\mathcal{O}(3; \{6^7, 2^{45}\})$	1959552

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^7, 3^3, 2^{41}\})$	15956352
6	$\mathcal{O}(3; \{6^7, 3^6, 2^{37}\})$	127370880
6	$\mathcal{O}(3; \{6^7, 3^9, 2^{33}\})$	1019246976
6	$\mathcal{O}(3; \{6^7, 3^{12}, 2^{29}\})$	8153695872
6	$\mathcal{O}(3; \{6^7, 3^{15}, 2^{25}\})$	65229846912
6	$\mathcal{O}(3; \{6^7, 3^{18}, 2^{21}\})$	521838495360
6	$\mathcal{O}(3; \{6^7, 3^{21}, 2^{17}\})$	4174708242816
6	$\mathcal{O}(3; \{6^7, 3^{24}, 2^{13}\})$	33397665662592
6	$\mathcal{O}(3; \{6^7, 3^{27}, 2^9\})$	267181325580672
6	$\mathcal{O}(3; \{6^7, 3^{30}, 2^5\})$	2137450604365440
6	$\mathcal{O}(3; \{6^7, 3^{33}, 2\})$	17099604835203456
6	$\mathcal{O}(3; \{6^8, 3, 2^{42}\})$	7931520
6	$\mathcal{O}(3; \{6^8, 3^4, 2^{38}\})$	63732096
6	$\mathcal{O}(3; \{6^8, 3^7, 2^{34}\})$	509576832
6	$\mathcal{O}(3; \{6^8, 3^{10}, 2^{30}\})$	4076894592
6	$\mathcal{O}(3; \{6^8, 3^{13}, 2^{26}\})$	32614876800
6	$\mathcal{O}(3; \{6^8, 3^{16}, 2^{22}\})$	260919294336
6	$\mathcal{O}(3; \{6^8, 3^{19}, 2^{18}\})$	2087354074752
6	$\mathcal{O}(3; \{6^8, 3^{22}, 2^{14}\})$	16698832877952
6	$\mathcal{O}(3; \{6^8, 3^{25}, 2^{10}\})$	133590662743680
6	$\mathcal{O}(3; \{6^8, 3^{28}, 2^6\})$	1068725302229376
6	$\mathcal{O}(3; \{6^8, 3^{31}, 2^2\})$	8549802417555072
6	$\mathcal{O}(3; \{6^9, 3^2, 2^{39}\})$	31819392
6	$\mathcal{O}(3; \{6^9, 3^5, 2^{35}\})$	254835072
6	$\mathcal{O}(3; \{6^9, 3^8, 2^{31}\})$	2038400640
6	$\mathcal{O}(3; \{6^9, 3^{11}, 2^{27}\})$	16307485056
6	$\mathcal{O}(3; \{6^9, 3^{14}, 2^{23}\})$	130459600512
6	$\mathcal{O}(3; \{6^9, 3^{17}, 2^{19}\})$	1043677084032
6	$\mathcal{O}(3; \{6^9, 3^{20}, 2^{15}\})$	8349416392320
6	$\mathcal{O}(3; \{6^9, 3^{23}, 2^{11}\})$	66795331418496
6	$\mathcal{O}(3; \{6^9, 3^{26}, 2^7\})$	534362651068032
6	$\mathcal{O}(3; \{6^9, 3^{29}, 2^3\})$	4274901208824192
6	$\mathcal{O}(3; \{6^{10}, 2^{40}\})$	15956352
6	$\mathcal{O}(3; \{6^{10}, 3^3, 2^{36}\})$	127370880
6	$\mathcal{O}(3; \{6^{10}, 3^6, 2^{32}\})$	1019246976
6	$\mathcal{O}(3; \{6^{10}, 3^9, 2^{28}\})$	8153695872
6	$\mathcal{O}(3; \{6^{10}, 3^{12}, 2^{24}\})$	65229846912
6	$\mathcal{O}(3; \{6^{10}, 3^{15}, 2^{20}\})$	521838495360
6	$\mathcal{O}(3; \{6^{10}, 3^{18}, 2^{16}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{10}, 3^{21}, 2^{12}\})$	33397665662592
6	$\mathcal{O}(3; \{6^{10}, 3^{24}, 2^8\})$	267181325580672
6	$\mathcal{O}(3; \{6^{10}, 3^{27}, 2^4\})$	2137450604365440
6	$\mathcal{O}(3; \{6^{10}, 3^{30}\})$	17099604835203456

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^{11}, 3, 2^{37}\})$	63732096
6	$\mathcal{O}(3; \{6^{11}, 3^4, 2^{33}\})$	509576832
6	$\mathcal{O}(3; \{6^{11}, 3^7, 2^{29}\})$	4076894592
6	$\mathcal{O}(3; \{6^{11}, 3^{10}, 2^{25}\})$	32614876800
6	$\mathcal{O}(3; \{6^{11}, 3^{13}, 2^{21}\})$	260919294336
6	$\mathcal{O}(3; \{6^{11}, 3^{16}, 2^{17}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{11}, 3^{19}, 2^{13}\})$	16698832877952
6	$\mathcal{O}(3; \{6^{11}, 3^{22}, 2^9\})$	133590662743680
6	$\mathcal{O}(3; \{6^{11}, 3^{25}, 2^5\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{11}, 3^{28}, 2\})$	8549802417555072
6	$\mathcal{O}(3; \{6^{12}, 3^2, 2^{34}\})$	254835072
6	$\mathcal{O}(3; \{6^{12}, 3^5, 2^{30}\})$	2038400640
6	$\mathcal{O}(3; \{6^{12}, 3^8, 2^{26}\})$	16307485056
6	$\mathcal{O}(3; \{6^{12}, 3^{11}, 2^{22}\})$	130459600512
6	$\mathcal{O}(3; \{6^{12}, 3^{14}, 2^{18}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{12}, 3^{17}, 2^{14}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{12}, 3^{20}, 2^{10}\})$	66795331418496
6	$\mathcal{O}(3; \{6^{12}, 3^{23}, 2^6\})$	534362651068032
6	$\mathcal{O}(3; \{6^{12}, 3^{26}, 2^2\})$	4274901208824192
6	$\mathcal{O}(3; \{6^{13}, 2^{35}\})$	127370880
6	$\mathcal{O}(3; \{6^{13}, 3^3, 2^{31}\})$	1019246976
6	$\mathcal{O}(3; \{6^{13}, 3^6, 2^{27}\})$	8153695872
6	$\mathcal{O}(3; \{6^{13}, 3^9, 2^{23}\})$	65229846912
6	$\mathcal{O}(3; \{6^{13}, 3^{12}, 2^{19}\})$	521838495360
6	$\mathcal{O}(3; \{6^{13}, 3^{15}, 2^{15}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{13}, 3^{18}, 2^{11}\})$	33397665662592
6	$\mathcal{O}(3; \{6^{13}, 3^{21}, 2^7\})$	267181325580672
6	$\mathcal{O}(3; \{6^{13}, 3^{24}, 2^3\})$	2137450604365440
6	$\mathcal{O}(3; \{6^{14}, 3, 2^{32}\})$	509576832
6	$\mathcal{O}(3; \{6^{14}, 3^4, 2^{28}\})$	4076894592
6	$\mathcal{O}(3; \{6^{14}, 3^7, 2^{24}\})$	32614876800
6	$\mathcal{O}(3; \{6^{14}, 3^{10}, 2^{20}\})$	260919294336
6	$\mathcal{O}(3; \{6^{14}, 3^{13}, 2^{16}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{14}, 3^{16}, 2^{12}\})$	16698832877952
6	$\mathcal{O}(3; \{6^{14}, 3^{19}, 2^8\})$	133590662743680
6	$\mathcal{O}(3; \{6^{14}, 3^{22}, 2^4\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{14}, 3^{25}\})$	8549802417555072
6	$\mathcal{O}(3; \{6^{15}, 3^2, 2^{29}\})$	2038400640
6	$\mathcal{O}(3; \{6^{15}, 3^5, 2^{25}\})$	16307485056
6	$\mathcal{O}(3; \{6^{15}, 3^8, 2^{21}\})$	130459600512
6	$\mathcal{O}(3; \{6^{15}, 3^{11}, 2^{17}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{15}, 3^{14}, 2^{13}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{15}, 3^{17}, 2^9\})$	66795331418496

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^{15}, 3^{20}, 2^5\})$	534362651068032
6	$\mathcal{O}(3; \{6^{15}, 3^{23}, 2\})$	4274901208824192
6	$\mathcal{O}(3; \{6^{16}, 2^{30}\})$	1019246976
6	$\mathcal{O}(3; \{6^{16}, 3^3, 2^{26}\})$	8153695872
6	$\mathcal{O}(3; \{6^{16}, 3^6, 2^{22}\})$	65229846912
6	$\mathcal{O}(3; \{6^{16}, 3^9, 2^{18}\})$	521838495360
6	$\mathcal{O}(3; \{6^{16}, 3^{12}, 2^{14}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{16}, 3^{15}, 2^{10}\})$	33397665662592
6	$\mathcal{O}(3; \{6^{16}, 3^{18}, 2^6\})$	267181325580672
6	$\mathcal{O}(3; \{6^{16}, 3^{21}, 2^2\})$	2137450604365440
6	$\mathcal{O}(3; \{6^{17}, 3, 2^{27}\})$	4076894592
6	$\mathcal{O}(3; \{6^{17}, 3^4, 2^{23}\})$	32614876800
6	$\mathcal{O}(3; \{6^{17}, 3^7, 2^{19}\})$	260919294336
6	$\mathcal{O}(3; \{6^{17}, 3^{10}, 2^{15}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{17}, 3^{13}, 2^{11}\})$	16698832877952
6	$\mathcal{O}(3; \{6^{17}, 3^{16}, 2^7\})$	133590662743680
6	$\mathcal{O}(3; \{6^{17}, 3^{19}, 2^3\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{18}, 3^2, 2^{24}\})$	16307485056
6	$\mathcal{O}(3; \{6^{18}, 3^5, 2^{20}\})$	130459600512
6	$\mathcal{O}(3; \{6^{18}, 3^8, 2^{16}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{18}, 3^{11}, 2^{12}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{18}, 3^{14}, 2^8\})$	66795331418496
6	$\mathcal{O}(3; \{6^{18}, 3^{17}, 2^4\})$	534362651068032
6	$\mathcal{O}(3; \{6^{18}, 3^{20}\})$	4274901208824192
6	$\mathcal{O}(3; \{6^{19}, 2^{25}\})$	8153695872
6	$\mathcal{O}(3; \{6^{19}, 3^3, 2^{21}\})$	65229846912
6	$\mathcal{O}(3; \{6^{19}, 3^6, 2^{17}\})$	521838495360
6	$\mathcal{O}(3; \{6^{19}, 3^9, 2^{13}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{19}, 3^{12}, 2^9\})$	33397665662592
6	$\mathcal{O}(3; \{6^{19}, 3^{15}, 2^5\})$	267181325580672
6	$\mathcal{O}(3; \{6^{19}, 3^{18}, 2\})$	2137450604365440
6	$\mathcal{O}(3; \{6^{20}, 3, 2^{22}\})$	32614876800
6	$\mathcal{O}(3; \{6^{20}, 3^4, 2^{18}\})$	260919294336
6	$\mathcal{O}(3; \{6^{20}, 3^7, 2^{14}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{20}, 3^{10}, 2^{10}\})$	16698832877952
6	$\mathcal{O}(3; \{6^{20}, 3^{13}, 2^6\})$	133590662743680
6	$\mathcal{O}(3; \{6^{20}, 3^{16}, 2^2\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{21}, 3^2, 2^{19}\})$	130459600512
6	$\mathcal{O}(3; \{6^{21}, 3^5, 2^{15}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{21}, 3^8, 2^{11}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{21}, 3^{11}, 2^7\})$	66795331418496
6	$\mathcal{O}(3; \{6^{21}, 3^{14}, 2^3\})$	534362651068032
6	$\mathcal{O}(3; \{6^{22}, 2^{20}\})$	65229846912

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^{22}, 3^3, 2^{16}\})$	521838495360
6	$\mathcal{O}(3; \{6^{22}, 3^6, 2^{12}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{22}, 3^9, 2^8\})$	33397665662592
6	$\mathcal{O}(3; \{6^{22}, 3^{12}, 2^4\})$	267181325580672
6	$\mathcal{O}(3; \{6^{22}, 3^{15}\})$	2137450604365440
6	$\mathcal{O}(3; \{6^{23}, 3, 2^{17}\})$	260919294336
6	$\mathcal{O}(3; \{6^{23}, 3^4, 2^{13}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{23}, 3^7, 2^9\})$	16698832877952
6	$\mathcal{O}(3; \{6^{23}, 3^{10}, 2^5\})$	133590662743680
6	$\mathcal{O}(3; \{6^{23}, 3^{13}, 2\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{24}, 3^2, 2^{14}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{24}, 3^5, 2^{10}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{24}, 3^8, 2^6\})$	66795331418496
6	$\mathcal{O}(3; \{6^{24}, 3^{11}, 2^2\})$	534362651068032
6	$\mathcal{O}(3; \{6^{25}, 2^{15}\})$	521838495360
6	$\mathcal{O}(3; \{6^{25}, 3^3, 2^{11}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{25}, 3^6, 2^7\})$	33397665662592
6	$\mathcal{O}(3; \{6^{25}, 3^9, 2^3\})$	267181325580672
6	$\mathcal{O}(3; \{6^{26}, 3, 2^{12}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{26}, 3^4, 2^8\})$	16698832877952
6	$\mathcal{O}(3; \{6^{26}, 3^7, 2^4\})$	133590662743680
6	$\mathcal{O}(3; \{6^{26}, 3^{10}\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{27}, 3^2, 2^9\})$	8349416392320
6	$\mathcal{O}(3; \{6^{27}, 3^5, 2^5\})$	66795331418496
6	$\mathcal{O}(3; \{6^{27}, 3^8, 2\})$	534362651068032
6	$\mathcal{O}(3; \{6^{28}, 2^{10}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{28}, 3^3, 2^6\})$	33397665662592
6	$\mathcal{O}(3; \{6^{28}, 3^6, 2^2\})$	267181325580672
6	$\mathcal{O}(3; \{6^{29}, 3, 2^7\})$	16698832877952
6	$\mathcal{O}(3; \{6^{29}, 3^4, 2^3\})$	133590662743680
6	$\mathcal{O}(3; \{6^{30}, 3^2, 2^4\})$	66795331418496
6	$\mathcal{O}(3; \{6^{30}, 3^5\})$	534362651068032
6	$\mathcal{O}(3; \{6^{31}, 2^5\})$	33397665662592
6	$\mathcal{O}(3; \{6^{31}, 3^3, 2\})$	267181325580672
6	$\mathcal{O}(3; \{6^{32}, 3, 2^2\})$	133590662743680
6	$\mathcal{O}(3; \{6^{34}\})$	267181325580672
6	$\mathcal{O}(2; \{3^2, 2^{58}\})$	2592
6	$\mathcal{O}(2; \{3^5, 2^{54}\})$	12960
6	$\mathcal{O}(2; \{3^8, 2^{50}\})$	111456
6	$\mathcal{O}(2; \{3^{11}, 2^{46}\})$	883872
6	$\mathcal{O}(2; \{3^{14}, 2^{42}\})$	7078752
6	$\mathcal{O}(2; \{3^{17}, 2^{38}\})$	56622240
6	$\mathcal{O}(2; \{3^{20}, 2^{34}\})$	452985696

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{3^{23}, 2^{30}\})$	3623877792
6	$\mathcal{O}(2; \{3^{26}, 2^{26}\})$	28991030112
6	$\mathcal{O}(2; \{3^{29}, 2^{22}\})$	231928233120
6	$\mathcal{O}(2; \{3^{32}, 2^{18}\})$	1855425872736
6	$\mathcal{O}(2; \{3^{35}, 2^{14}\})$	14843406974112
6	$\mathcal{O}(2; \{3^{38}, 2^{10}\})$	118747255800672
6	$\mathcal{O}(2; \{3^{41}, 2^6\})$	949978046397600
6	$\mathcal{O}(2; \{3^{44}, 2^2\})$	7599824371188576
6	$\mathcal{O}(2; \{6, 3^3, 2^{55}\})$	7776
6	$\mathcal{O}(2; \{6, 3^6, 2^{51}\})$	54432
6	$\mathcal{O}(2; \{6, 3^9, 2^{47}\})$	443232
6	$\mathcal{O}(2; \{6, 3^{12}, 2^{43}\})$	3538080
6	$\mathcal{O}(2; \{6, 3^{15}, 2^{39}\})$	28312416
6	$\mathcal{O}(2; \{6, 3^{18}, 2^{35}\})$	226491552
6	$\mathcal{O}(2; \{6, 3^{21}, 2^{31}\})$	1811940192
6	$\mathcal{O}(2; \{6, 3^{24}, 2^{27}\})$	14495513760
6	$\mathcal{O}(2; \{6, 3^{27}, 2^{23}\})$	115964117856
6	$\mathcal{O}(2; \{6, 3^{30}, 2^{19}\})$	927712935072
6	$\mathcal{O}(2; \{6, 3^{33}, 2^{15}\})$	7421703488352
6	$\mathcal{O}(2; \{6, 3^{36}, 2^{11}\})$	59373627899040
6	$\mathcal{O}(2; \{6, 3^{39}, 2^7\})$	474989023200096
6	$\mathcal{O}(2; \{6, 3^{42}, 2^3\})$	3799912185592992
6	$\mathcal{O}(2; \{6^2, 3, 2^{56}\})$	2592
6	$\mathcal{O}(2; \{6^2, 3^4, 2^{52}\})$	28512
6	$\mathcal{O}(2; \{6^2, 3^7, 2^{48}\})$	220320
6	$\mathcal{O}(2; \{6^2, 3^{10}, 2^{44}\})$	1770336
6	$\mathcal{O}(2; \{6^2, 3^{13}, 2^{40}\})$	14154912
6	$\mathcal{O}(2; \{6^2, 3^{16}, 2^{36}\})$	113247072
6	$\mathcal{O}(2; \{6^2, 3^{19}, 2^{32}\})$	905968800
6	$\mathcal{O}(2; \{6^2, 3^{22}, 2^{28}\})$	7247758176
6	$\mathcal{O}(2; \{6^2, 3^{25}, 2^{24}\})$	57982057632
6	$\mathcal{O}(2; \{6^2, 3^{28}, 2^{20}\})$	463856468832
6	$\mathcal{O}(2; \{6^2, 3^{31}, 2^{16}\})$	3710851742880
6	$\mathcal{O}(2; \{6^2, 3^{34}, 2^{12}\})$	29686813950816
6	$\mathcal{O}(2; \{6^2, 3^{37}, 2^8\})$	237494511598752
6	$\mathcal{O}(2; \{6^2, 3^{40}, 2^4\})$	1899956092797792
6	$\mathcal{O}(2; \{6^2, 3^{43}\})$	15199648742374560
6	$\mathcal{O}(2; \{6^3, 3^2, 2^{53}\})$	12960
6	$\mathcal{O}(2; \{6^3, 3^5, 2^{49}\})$	111456
6	$\mathcal{O}(2; \{6^3, 3^8, 2^{45}\})$	883872
6	$\mathcal{O}(2; \{6^3, 3^{11}, 2^{41}\})$	7078752
6	$\mathcal{O}(2; \{6^3, 3^{14}, 2^{37}\})$	56622240
6	$\mathcal{O}(2; \{6^3, 3^{17}, 2^{33}\})$	452985696

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^3, 3^{20}, 2^{29}\})$	3623877792
6	$\mathcal{O}(2; \{6^3, 3^{23}, 2^{25}\})$	28991030112
6	$\mathcal{O}(2; \{6^3, 3^{26}, 2^{21}\})$	231928233120
6	$\mathcal{O}(2; \{6^3, 3^{29}, 2^{17}\})$	1855425872736
6	$\mathcal{O}(2; \{6^3, 3^{32}, 2^{13}\})$	14843406974112
6	$\mathcal{O}(2; \{6^3, 3^{35}, 2^9\})$	118747255800672
6	$\mathcal{O}(2; \{6^3, 3^{38}, 2^5\})$	949978046397600
6	$\mathcal{O}(2; \{6^3, 3^{41}, 2\})$	7599824371188576
6	$\mathcal{O}(2; \{6^4, 2^{54}\})$	7776
6	$\mathcal{O}(2; \{6^4, 3^3, 2^{50}\})$	54432
6	$\mathcal{O}(2; \{6^4, 3^6, 2^{46}\})$	443232
6	$\mathcal{O}(2; \{6^4, 3^9, 2^{42}\})$	3538080
6	$\mathcal{O}(2; \{6^4, 3^{12}, 2^{38}\})$	28312416
6	$\mathcal{O}(2; \{6^4, 3^{15}, 2^{34}\})$	226491552
6	$\mathcal{O}(2; \{6^4, 3^{18}, 2^{30}\})$	1811940192
6	$\mathcal{O}(2; \{6^4, 3^{21}, 2^{26}\})$	14495513760
6	$\mathcal{O}(2; \{6^4, 3^{24}, 2^{22}\})$	115964117856
6	$\mathcal{O}(2; \{6^4, 3^{27}, 2^{18}\})$	927712935072
6	$\mathcal{O}(2; \{6^4, 3^{30}, 2^{14}\})$	7421703488352
6	$\mathcal{O}(2; \{6^4, 3^{33}, 2^{10}\})$	59373627899040
6	$\mathcal{O}(2; \{6^4, 3^{36}, 2^6\})$	474989023200096
6	$\mathcal{O}(2; \{6^4, 3^{39}, 2^2\})$	3799912185592992
6	$\mathcal{O}(2; \{6^5, 3, 2^{51}\})$	28512
6	$\mathcal{O}(2; \{6^5, 3^4, 2^{47}\})$	220320
6	$\mathcal{O}(2; \{6^5, 3^7, 2^{43}\})$	1770336
6	$\mathcal{O}(2; \{6^5, 3^{10}, 2^{39}\})$	14154912
6	$\mathcal{O}(2; \{6^5, 3^{13}, 2^{35}\})$	113247072
6	$\mathcal{O}(2; \{6^5, 3^{16}, 2^{31}\})$	905968800
6	$\mathcal{O}(2; \{6^5, 3^{19}, 2^{27}\})$	7247758176
6	$\mathcal{O}(2; \{6^5, 3^{22}, 2^{23}\})$	57982057632
6	$\mathcal{O}(2; \{6^5, 3^{25}, 2^{19}\})$	463856468832
6	$\mathcal{O}(2; \{6^5, 3^{28}, 2^{15}\})$	3710851742880
6	$\mathcal{O}(2; \{6^5, 3^{31}, 2^{11}\})$	29686813950816
6	$\mathcal{O}(2; \{6^5, 3^{34}, 2^7\})$	237494511598752
6	$\mathcal{O}(2; \{6^5, 3^{37}, 2^3\})$	1899956092797792
6	$\mathcal{O}(2; \{6^6, 3^2, 2^{48}\})$	111456
6	$\mathcal{O}(2; \{6^6, 3^5, 2^{44}\})$	883872
6	$\mathcal{O}(2; \{6^6, 3^8, 2^{40}\})$	7078752
6	$\mathcal{O}(2; \{6^6, 3^{11}, 2^{36}\})$	56622240
6	$\mathcal{O}(2; \{6^6, 3^{14}, 2^{32}\})$	452985696
6	$\mathcal{O}(2; \{6^6, 3^{17}, 2^{28}\})$	3623877792
6	$\mathcal{O}(2; \{6^6, 3^{20}, 2^{24}\})$	28991030112
6	$\mathcal{O}(2; \{6^6, 3^{23}, 2^{20}\})$	231928233120

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^6, 3^{26}, 2^{16}\})$	1855425872736
6	$\mathcal{O}(2; \{6^6, 3^{29}, 2^{12}\})$	14843406974112
6	$\mathcal{O}(2; \{6^6, 3^{32}, 2^8\})$	118747255800672
6	$\mathcal{O}(2; \{6^6, 3^{35}, 2^4\})$	949978046397600
6	$\mathcal{O}(2; \{6^6, 3^{38}\})$	7599824371188576
6	$\mathcal{O}(2; \{6^7, 2^{49}\})$	54432
6	$\mathcal{O}(2; \{6^7, 3^3, 2^{45}\})$	443232
6	$\mathcal{O}(2; \{6^7, 3^6, 2^{41}\})$	3538080
6	$\mathcal{O}(2; \{6^7, 3^9, 2^{37}\})$	28312416
6	$\mathcal{O}(2; \{6^7, 3^{12}, 2^{33}\})$	226491552
6	$\mathcal{O}(2; \{6^7, 3^{15}, 2^{29}\})$	1811940192
6	$\mathcal{O}(2; \{6^7, 3^{18}, 2^{25}\})$	14495513760
6	$\mathcal{O}(2; \{6^7, 3^{21}, 2^{21}\})$	115964117856
6	$\mathcal{O}(2; \{6^7, 3^{24}, 2^{17}\})$	927712935072
6	$\mathcal{O}(2; \{6^7, 3^{27}, 2^{13}\})$	7421703488352
6	$\mathcal{O}(2; \{6^7, 3^{30}, 2^9\})$	59373627899040
6	$\mathcal{O}(2; \{6^7, 3^{33}, 2^5\})$	474989023200096
6	$\mathcal{O}(2; \{6^7, 3^{36}, 2\})$	3799912185592992
6	$\mathcal{O}(2; \{6^8, 3, 2^{46}\})$	220320
6	$\mathcal{O}(2; \{6^8, 3^4, 2^{42}\})$	1770336
6	$\mathcal{O}(2; \{6^8, 3^7, 2^{38}\})$	14154912
6	$\mathcal{O}(2; \{6^8, 3^{10}, 2^{34}\})$	113247072
6	$\mathcal{O}(2; \{6^8, 3^{13}, 2^{30}\})$	905968800
6	$\mathcal{O}(2; \{6^8, 3^{16}, 2^{26}\})$	7247758176
6	$\mathcal{O}(2; \{6^8, 3^{19}, 2^{22}\})$	57982057632
6	$\mathcal{O}(2; \{6^8, 3^{22}, 2^{18}\})$	463856468832
6	$\mathcal{O}(2; \{6^8, 3^{25}, 2^{14}\})$	3710851742880
6	$\mathcal{O}(2; \{6^8, 3^{28}, 2^{10}\})$	29686813950816
6	$\mathcal{O}(2; \{6^8, 3^{31}, 2^6\})$	237494511598752
6	$\mathcal{O}(2; \{6^8, 3^{34}, 2^2\})$	1899956092797792
6	$\mathcal{O}(2; \{6^9, 3^2, 2^{43}\})$	883872
6	$\mathcal{O}(2; \{6^9, 3^5, 2^{39}\})$	7078752
6	$\mathcal{O}(2; \{6^9, 3^8, 2^{35}\})$	56622240
6	$\mathcal{O}(2; \{6^9, 3^{11}, 2^{31}\})$	452985696
6	$\mathcal{O}(2; \{6^9, 3^{14}, 2^{27}\})$	3623877792
6	$\mathcal{O}(2; \{6^9, 3^{17}, 2^{23}\})$	28991030112
6	$\mathcal{O}(2; \{6^9, 3^{20}, 2^{19}\})$	231928233120
6	$\mathcal{O}(2; \{6^9, 3^{23}, 2^{15}\})$	1855425872736
6	$\mathcal{O}(2; \{6^9, 3^{26}, 2^{11}\})$	14843406974112
6	$\mathcal{O}(2; \{6^9, 3^{29}, 2^7\})$	118747255800672
6	$\mathcal{O}(2; \{6^9, 3^{32}, 2^3\})$	949978046397600
6	$\mathcal{O}(2; \{6^{10}, 2^{44}\})$	443232
6	$\mathcal{O}(2; \{6^{10}, 3^3, 2^{40}\})$	3538080

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^{10}, 3^6, 2^{36}\})$	28312416
6	$\mathcal{O}(2; \{6^{10}, 3^9, 2^{32}\})$	226491552
6	$\mathcal{O}(2; \{6^{10}, 3^{12}, 2^{28}\})$	1811940192
6	$\mathcal{O}(2; \{6^{10}, 3^{15}, 2^{24}\})$	14495513760
6	$\mathcal{O}(2; \{6^{10}, 3^{18}, 2^{20}\})$	115964117856
6	$\mathcal{O}(2; \{6^{10}, 3^{21}, 2^{16}\})$	927712935072
6	$\mathcal{O}(2; \{6^{10}, 3^{24}, 2^{12}\})$	7421703488352
6	$\mathcal{O}(2; \{6^{10}, 3^{27}, 2^8\})$	59373627899040
6	$\mathcal{O}(2; \{6^{10}, 3^{30}, 2^4\})$	474989023200096
6	$\mathcal{O}(2; \{6^{10}, 3^{33}\})$	3799912185592992
6	$\mathcal{O}(2; \{6^{11}, 3, 2^{41}\})$	1770336
6	$\mathcal{O}(2; \{6^{11}, 3^4, 2^{37}\})$	14154912
6	$\mathcal{O}(2; \{6^{11}, 3^7, 2^{33}\})$	113247072
6	$\mathcal{O}(2; \{6^{11}, 3^{10}, 2^{29}\})$	905968800
6	$\mathcal{O}(2; \{6^{11}, 3^{13}, 2^{25}\})$	7247758176
6	$\mathcal{O}(2; \{6^{11}, 3^{16}, 2^{21}\})$	57982057632
6	$\mathcal{O}(2; \{6^{11}, 3^{19}, 2^{17}\})$	463856468832
6	$\mathcal{O}(2; \{6^{11}, 3^{22}, 2^{13}\})$	3710851742880
6	$\mathcal{O}(2; \{6^{11}, 3^{25}, 2^9\})$	29686813950816
6	$\mathcal{O}(2; \{6^{11}, 3^{28}, 2^5\})$	237494511598752
6	$\mathcal{O}(2; \{6^{11}, 3^{31}, 2\})$	1899956092797792
6	$\mathcal{O}(2; \{6^{12}, 3^2, 2^{38}\})$	7078752
6	$\mathcal{O}(2; \{6^{12}, 3^5, 2^{34}\})$	56622240
6	$\mathcal{O}(2; \{6^{12}, 3^8, 2^{30}\})$	452985696
6	$\mathcal{O}(2; \{6^{12}, 3^{11}, 2^{26}\})$	3623877792
6	$\mathcal{O}(2; \{6^{12}, 3^{14}, 2^{22}\})$	28991030112
6	$\mathcal{O}(2; \{6^{12}, 3^{17}, 2^{18}\})$	231928233120
6	$\mathcal{O}(2; \{6^{12}, 3^{20}, 2^{14}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{12}, 3^{23}, 2^{10}\})$	14843406974112
6	$\mathcal{O}(2; \{6^{12}, 3^{26}, 2^6\})$	118747255800672
6	$\mathcal{O}(2; \{6^{12}, 3^{29}, 2^2\})$	949978046397600
6	$\mathcal{O}(2; \{6^{13}, 2^{39}\})$	3538080
6	$\mathcal{O}(2; \{6^{13}, 3^3, 2^{35}\})$	28312416
6	$\mathcal{O}(2; \{6^{13}, 3^6, 2^{31}\})$	226491552
6	$\mathcal{O}(2; \{6^{13}, 3^9, 2^{27}\})$	1811940192
6	$\mathcal{O}(2; \{6^{13}, 3^{12}, 2^{23}\})$	14495513760
6	$\mathcal{O}(2; \{6^{13}, 3^{15}, 2^{19}\})$	115964117856
6	$\mathcal{O}(2; \{6^{13}, 3^{18}, 2^{15}\})$	927712935072
6	$\mathcal{O}(2; \{6^{13}, 3^{21}, 2^{11}\})$	7421703488352
6	$\mathcal{O}(2; \{6^{13}, 3^{24}, 2^7\})$	59373627899040
6	$\mathcal{O}(2; \{6^{13}, 3^{27}, 2^3\})$	474989023200096
6	$\mathcal{O}(2; \{6^{14}, 3, 2^{36}\})$	14154912
6	$\mathcal{O}(2; \{6^{14}, 3^4, 2^{32}\})$	113247072

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^{14}, 3^7, 2^{28}\})$	905968800
6	$\mathcal{O}(2; \{6^{14}, 3^{10}, 2^{24}\})$	7247758176
6	$\mathcal{O}(2; \{6^{14}, 3^{13}, 2^{20}\})$	57982057632
6	$\mathcal{O}(2; \{6^{14}, 3^{16}, 2^{16}\})$	463856468832
6	$\mathcal{O}(2; \{6^{14}, 3^{19}, 2^{12}\})$	3710851742880
6	$\mathcal{O}(2; \{6^{14}, 3^{22}, 2^8\})$	29686813950816
6	$\mathcal{O}(2; \{6^{14}, 3^{25}, 2^4\})$	237494511598752
6	$\mathcal{O}(2; \{6^{14}, 3^{28}\})$	1899956092797792
6	$\mathcal{O}(2; \{6^{15}, 3^2, 2^{33}\})$	56622240
6	$\mathcal{O}(2; \{6^{15}, 3^5, 2^{29}\})$	452985696
6	$\mathcal{O}(2; \{6^{15}, 3^8, 2^{25}\})$	3623877792
6	$\mathcal{O}(2; \{6^{15}, 3^{11}, 2^{21}\})$	28991030112
6	$\mathcal{O}(2; \{6^{15}, 3^{14}, 2^{17}\})$	231928233120
6	$\mathcal{O}(2; \{6^{15}, 3^{17}, 2^{13}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{15}, 3^{20}, 2^9\})$	14843406974112
6	$\mathcal{O}(2; \{6^{15}, 3^{23}, 2^5\})$	118747255800672
6	$\mathcal{O}(2; \{6^{15}, 3^{26}, 2\})$	949978046397600
6	$\mathcal{O}(2; \{6^{16}, 2^{34}\})$	28312416
6	$\mathcal{O}(2; \{6^{16}, 3^3, 2^{30}\})$	226491552
6	$\mathcal{O}(2; \{6^{16}, 3^6, 2^{26}\})$	1811940192
6	$\mathcal{O}(2; \{6^{16}, 3^9, 2^{22}\})$	14495513760
6	$\mathcal{O}(2; \{6^{16}, 3^{12}, 2^{18}\})$	115964117856
6	$\mathcal{O}(2; \{6^{16}, 3^{15}, 2^{14}\})$	927712935072
6	$\mathcal{O}(2; \{6^{16}, 3^{18}, 2^{10}\})$	7421703488352
6	$\mathcal{O}(2; \{6^{16}, 3^{21}, 2^6\})$	59373627899040
6	$\mathcal{O}(2; \{6^{16}, 3^{24}, 2^2\})$	474989023200096
6	$\mathcal{O}(2; \{6^{17}, 3, 2^{31}\})$	113247072
6	$\mathcal{O}(2; \{6^{17}, 3^4, 2^{27}\})$	905968800
6	$\mathcal{O}(2; \{6^{17}, 3^7, 2^{23}\})$	7247758176
6	$\mathcal{O}(2; \{6^{17}, 3^{10}, 2^{19}\})$	57982057632
6	$\mathcal{O}(2; \{6^{17}, 3^{13}, 2^{15}\})$	463856468832
6	$\mathcal{O}(2; \{6^{17}, 3^{16}, 2^{11}\})$	3710851742880
6	$\mathcal{O}(2; \{6^{17}, 3^{19}, 2^7\})$	29686813950816
6	$\mathcal{O}(2; \{6^{17}, 3^{22}, 2^3\})$	237494511598752
6	$\mathcal{O}(2; \{6^{18}, 3^2, 2^{28}\})$	452985696
6	$\mathcal{O}(2; \{6^{18}, 3^5, 2^{24}\})$	3623877792
6	$\mathcal{O}(2; \{6^{18}, 3^8, 2^{20}\})$	28991030112
6	$\mathcal{O}(2; \{6^{18}, 3^{11}, 2^{16}\})$	231928233120
6	$\mathcal{O}(2; \{6^{18}, 3^{14}, 2^{12}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{18}, 3^{17}, 2^8\})$	14843406974112
6	$\mathcal{O}(2; \{6^{18}, 3^{20}, 2^4\})$	118747255800672
6	$\mathcal{O}(2; \{6^{18}, 3^{23}\})$	949978046397600
6	$\mathcal{O}(2; \{6^{19}, 2^{29}\})$	226491552

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^{19}, 3^3, 2^{25}\})$	1811940192
6	$\mathcal{O}(2; \{6^{19}, 3^6, 2^{21}\})$	14495513760
6	$\mathcal{O}(2; \{6^{19}, 3^9, 2^{17}\})$	115964117856
6	$\mathcal{O}(2; \{6^{19}, 3^{12}, 2^{13}\})$	927712935072
6	$\mathcal{O}(2; \{6^{19}, 3^{15}, 2^9\})$	7421703488352
6	$\mathcal{O}(2; \{6^{19}, 3^{18}, 2^5\})$	59373627899040
6	$\mathcal{O}(2; \{6^{19}, 3^{21}, 2\})$	474989023200096
6	$\mathcal{O}(2; \{6^{20}, 3, 2^{26}\})$	905968800
6	$\mathcal{O}(2; \{6^{20}, 3^4, 2^{22}\})$	7247758176
6	$\mathcal{O}(2; \{6^{20}, 3^7, 2^{18}\})$	57982057632
6	$\mathcal{O}(2; \{6^{20}, 3^{10}, 2^{14}\})$	463856468832
6	$\mathcal{O}(2; \{6^{20}, 3^{13}, 2^{10}\})$	3710851742880
6	$\mathcal{O}(2; \{6^{20}, 3^{16}, 2^6\})$	29686813950816
6	$\mathcal{O}(2; \{6^{20}, 3^{19}, 2^2\})$	237494511598752
6	$\mathcal{O}(2; \{6^{21}, 3^2, 2^{23}\})$	3623877792
6	$\mathcal{O}(2; \{6^{21}, 3^5, 2^{19}\})$	28991030112
6	$\mathcal{O}(2; \{6^{21}, 3^8, 2^{15}\})$	231928233120
6	$\mathcal{O}(2; \{6^{21}, 3^{11}, 2^{11}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{21}, 3^{14}, 2^7\})$	14843406974112
6	$\mathcal{O}(2; \{6^{21}, 3^{17}, 2^3\})$	118747255800672
6	$\mathcal{O}(2; \{6^{22}, 2^{24}\})$	1811940192
6	$\mathcal{O}(2; \{6^{22}, 3^3, 2^{20}\})$	14495513760
6	$\mathcal{O}(2; \{6^{22}, 3^6, 2^{16}\})$	115964117856
6	$\mathcal{O}(2; \{6^{22}, 3^9, 2^{12}\})$	927712935072
6	$\mathcal{O}(2; \{6^{22}, 3^{12}, 2^8\})$	7421703488352
6	$\mathcal{O}(2; \{6^{22}, 3^{15}, 2^4\})$	59373627899040
6	$\mathcal{O}(2; \{6^{22}, 3^{18}\})$	474989023200096
6	$\mathcal{O}(2; \{6^{23}, 3, 2^{21}\})$	7247758176
6	$\mathcal{O}(2; \{6^{23}, 3^4, 2^{17}\})$	57982057632
6	$\mathcal{O}(2; \{6^{23}, 3^7, 2^{13}\})$	463856468832
6	$\mathcal{O}(2; \{6^{23}, 3^{10}, 2^9\})$	3710851742880
6	$\mathcal{O}(2; \{6^{23}, 3^{13}, 2^5\})$	29686813950816
6	$\mathcal{O}(2; \{6^{23}, 3^{16}, 2\})$	237494511598752
6	$\mathcal{O}(2; \{6^{24}, 3^2, 2^{18}\})$	28991030112
6	$\mathcal{O}(2; \{6^{24}, 3^5, 2^{14}\})$	231928233120
6	$\mathcal{O}(2; \{6^{24}, 3^8, 2^{10}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{24}, 3^{11}, 2^6\})$	14843406974112
6	$\mathcal{O}(2; \{6^{24}, 3^{14}, 2^2\})$	118747255800672
6	$\mathcal{O}(2; \{6^{25}, 2^{19}\})$	14495513760
6	$\mathcal{O}(2; \{6^{25}, 3^3, 2^{15}\})$	115964117856
6	$\mathcal{O}(2; \{6^{25}, 3^6, 2^{11}\})$	927712935072
6	$\mathcal{O}(2; \{6^{25}, 3^9, 2^7\})$	7421703488352
6	$\mathcal{O}(2; \{6^{25}, 3^{12}, 2^3\})$	59373627899040

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^{26}, 3, 2^{16}\})$	57982057632
6	$\mathcal{O}(2; \{6^{26}, 3^4, 2^{12}\})$	463856468832
6	$\mathcal{O}(2; \{6^{26}, 3^7, 2^8\})$	3710851742880
6	$\mathcal{O}(2; \{6^{26}, 3^{10}, 2^4\})$	29686813950816
6	$\mathcal{O}(2; \{6^{26}, 3^{13}\})$	237494511598752
6	$\mathcal{O}(2; \{6^{27}, 3^2, 2^{13}\})$	231928233120
6	$\mathcal{O}(2; \{6^{27}, 3^5, 2^9\})$	1855425872736
6	$\mathcal{O}(2; \{6^{27}, 3^8, 2^5\})$	14843406974112
6	$\mathcal{O}(2; \{6^{27}, 3^{11}, 2\})$	118747255800672
6	$\mathcal{O}(2; \{6^{28}, 2^{14}\})$	115964117856
6	$\mathcal{O}(2; \{6^{28}, 3^3, 2^{10}\})$	927712935072
6	$\mathcal{O}(2; \{6^{28}, 3^6, 2^6\})$	7421703488352
6	$\mathcal{O}(2; \{6^{28}, 3^9, 2^2\})$	59373627899040
6	$\mathcal{O}(2; \{6^{29}, 3, 2^{11}\})$	463856468832
6	$\mathcal{O}(2; \{6^{29}, 3^4, 2^7\})$	3710851742880
6	$\mathcal{O}(2; \{6^{29}, 3^7, 2^3\})$	29686813950816
6	$\mathcal{O}(2; \{6^{30}, 3^2, 2^8\})$	1855425872736
6	$\mathcal{O}(2; \{6^{30}, 3^5, 2^4\})$	14843406974112
6	$\mathcal{O}(2; \{6^{30}, 3^8\})$	118747255800672
6	$\mathcal{O}(2; \{6^{31}, 2^9\})$	927712935072
6	$\mathcal{O}(2; \{6^{31}, 3^3, 2^5\})$	7421703488352
6	$\mathcal{O}(2; \{6^{31}, 3^6, 2\})$	59373627899040
6	$\mathcal{O}(2; \{6^{32}, 3, 2^6\})$	3710851742880
6	$\mathcal{O}(2; \{6^{32}, 3^4, 2^2\})$	29686813950816
6	$\mathcal{O}(2; \{6^{33}, 3^2, 2^3\})$	14843406974112
6	$\mathcal{O}(2; \{6^{34}, 2^4\})$	7421703488352
6	$\mathcal{O}(2; \{6^{34}, 3^3\})$	59373627899040
6	$\mathcal{O}(2; \{6^{35}, 3, 2\})$	29686813950816
6	$\mathcal{O}(1; \{3^2, 2^{62}\})$	72
6	$\mathcal{O}(1; \{3^5, 2^{58}\})$	360
6	$\mathcal{O}(1; \{3^8, 2^{54}\})$	3096
6	$\mathcal{O}(1; \{3^{11}, 2^{50}\})$	24552
6	$\mathcal{O}(1; \{3^{14}, 2^{46}\})$	196632
6	$\mathcal{O}(1; \{3^{17}, 2^{42}\})$	1572840
6	$\mathcal{O}(1; \{3^{20}, 2^{38}\})$	12582936
6	$\mathcal{O}(1; \{3^{23}, 2^{34}\})$	100663272
6	$\mathcal{O}(1; \{3^{26}, 2^{30}\})$	805306392
6	$\mathcal{O}(1; \{3^{29}, 2^{26}\})$	6442450920
6	$\mathcal{O}(1; \{3^{32}, 2^{22}\})$	51539607576
6	$\mathcal{O}(1; \{3^{35}, 2^{18}\})$	412316860392
6	$\mathcal{O}(1; \{3^{38}, 2^{14}\})$	3298534883352
6	$\mathcal{O}(1; \{3^{41}, 2^{10}\})$	26388279066600
6	$\mathcal{O}(1; \{3^{44}, 2^6\})$	211106232533016

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{3^{47}, 2^2\})$	1688849860263912
6	$\mathcal{O}(1; \{6, 3^3, 2^{59}\})$	216
6	$\mathcal{O}(1; \{6, 3^6, 2^{55}\})$	1512
6	$\mathcal{O}(1; \{6, 3^9, 2^{51}\})$	12312
6	$\mathcal{O}(1; \{6, 3^{12}, 2^{47}\})$	98280
6	$\mathcal{O}(1; \{6, 3^{15}, 2^{43}\})$	786456
6	$\mathcal{O}(1; \{6, 3^{18}, 2^{39}\})$	6291432
6	$\mathcal{O}(1; \{6, 3^{21}, 2^{35}\})$	50331672
6	$\mathcal{O}(1; \{6, 3^{24}, 2^{31}\})$	402653160
6	$\mathcal{O}(1; \{6, 3^{27}, 2^{27}\})$	3221225496
6	$\mathcal{O}(1; \{6, 3^{30}, 2^{23}\})$	25769803752
6	$\mathcal{O}(1; \{6, 3^{33}, 2^{19}\})$	206158430232
6	$\mathcal{O}(1; \{6, 3^{36}, 2^{15}\})$	1649267441640
6	$\mathcal{O}(1; \{6, 3^{39}, 2^{11}\})$	13194139533336
6	$\mathcal{O}(1; \{6, 3^{42}, 2^7\})$	105553116266472
6	$\mathcal{O}(1; \{6, 3^{45}, 2^3\})$	844424930131992
6	$\mathcal{O}(1; \{6^2, 3, 2^{60}\})$	72
6	$\mathcal{O}(1; \{6^2, 3^4, 2^{56}\})$	792
6	$\mathcal{O}(1; \{6^2, 3^7, 2^{52}\})$	6120
6	$\mathcal{O}(1; \{6^2, 3^{10}, 2^{48}\})$	49176
6	$\mathcal{O}(1; \{6^2, 3^{13}, 2^{44}\})$	393192
6	$\mathcal{O}(1; \{6^2, 3^{16}, 2^{40}\})$	3145752
6	$\mathcal{O}(1; \{6^2, 3^{19}, 2^{36}\})$	25165800
6	$\mathcal{O}(1; \{6^2, 3^{22}, 2^{32}\})$	201326616
6	$\mathcal{O}(1; \{6^2, 3^{25}, 2^{28}\})$	1610612712
6	$\mathcal{O}(1; \{6^2, 3^{28}, 2^{24}\})$	12884901912
6	$\mathcal{O}(1; \{6^2, 3^{31}, 2^{20}\})$	103079215080
6	$\mathcal{O}(1; \{6^2, 3^{34}, 2^{16}\})$	824633720856
6	$\mathcal{O}(1; \{6^2, 3^{37}, 2^{12}\})$	6597069766632
6	$\mathcal{O}(1; \{6^2, 3^{40}, 2^8\})$	52776558133272
6	$\mathcal{O}(1; \{6^2, 3^{43}, 2^4\})$	422212465065960
6	$\mathcal{O}(1; \{6^2, 3^{46}\})$	3377699720527896
6	$\mathcal{O}(1; \{6^3, 3^2, 2^{57}\})$	360
6	$\mathcal{O}(1; \{6^3, 3^5, 2^{53}\})$	3096
6	$\mathcal{O}(1; \{6^3, 3^8, 2^{49}\})$	24552
6	$\mathcal{O}(1; \{6^3, 3^{11}, 2^{45}\})$	196632
6	$\mathcal{O}(1; \{6^3, 3^{14}, 2^{41}\})$	1572840
6	$\mathcal{O}(1; \{6^3, 3^{17}, 2^{37}\})$	12582936
6	$\mathcal{O}(1; \{6^3, 3^{20}, 2^{33}\})$	100663272
6	$\mathcal{O}(1; \{6^3, 3^{23}, 2^{29}\})$	805306392
6	$\mathcal{O}(1; \{6^3, 3^{26}, 2^{25}\})$	6442450920
6	$\mathcal{O}(1; \{6^3, 3^{29}, 2^{21}\})$	51539607576
6	$\mathcal{O}(1; \{6^3, 3^{32}, 2^{17}\})$	412316860392

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^3, 3^{35}, 2^{13}\})$	3298534883352
6	$\mathcal{O}(1; \{6^3, 3^{38}, 2^9\})$	26388279066600
6	$\mathcal{O}(1; \{6^3, 3^{41}, 2^5\})$	211106232533016
6	$\mathcal{O}(1; \{6^3, 3^{44}, 2\})$	1688849860263912
6	$\mathcal{O}(1; \{6^4, 2^{58}\})$	216
6	$\mathcal{O}(1; \{6^4, 3^3, 2^{54}\})$	1512
6	$\mathcal{O}(1; \{6^4, 3^6, 2^{50}\})$	12312
6	$\mathcal{O}(1; \{6^4, 3^9, 2^{46}\})$	98280
6	$\mathcal{O}(1; \{6^4, 3^{12}, 2^{42}\})$	786456
6	$\mathcal{O}(1; \{6^4, 3^{15}, 2^{38}\})$	6291432
6	$\mathcal{O}(1; \{6^4, 3^{18}, 2^{34}\})$	50331672
6	$\mathcal{O}(1; \{6^4, 3^{21}, 2^{30}\})$	402653160
6	$\mathcal{O}(1; \{6^4, 3^{24}, 2^{26}\})$	3221225496
6	$\mathcal{O}(1; \{6^4, 3^{27}, 2^{22}\})$	25769803752
6	$\mathcal{O}(1; \{6^4, 3^{30}, 2^{18}\})$	206158430232
6	$\mathcal{O}(1; \{6^4, 3^{33}, 2^{14}\})$	1649267441640
6	$\mathcal{O}(1; \{6^4, 3^{36}, 2^{10}\})$	13194139533336
6	$\mathcal{O}(1; \{6^4, 3^{39}, 2^6\})$	105553116266472
6	$\mathcal{O}(1; \{6^4, 3^{42}, 2^2\})$	844424930131992
6	$\mathcal{O}(1; \{6^5, 3, 2^{55}\})$	792
6	$\mathcal{O}(1; \{6^5, 3^4, 2^{51}\})$	6120
6	$\mathcal{O}(1; \{6^5, 3^7, 2^{47}\})$	49176
6	$\mathcal{O}(1; \{6^5, 3^{10}, 2^{43}\})$	393192
6	$\mathcal{O}(1; \{6^5, 3^{13}, 2^{39}\})$	3145752
6	$\mathcal{O}(1; \{6^5, 3^{16}, 2^{35}\})$	25165800
6	$\mathcal{O}(1; \{6^5, 3^{19}, 2^{31}\})$	201326616
6	$\mathcal{O}(1; \{6^5, 3^{22}, 2^{27}\})$	1610612712
6	$\mathcal{O}(1; \{6^5, 3^{25}, 2^{23}\})$	12884901912
6	$\mathcal{O}(1; \{6^5, 3^{28}, 2^{19}\})$	103079215080
6	$\mathcal{O}(1; \{6^5, 3^{31}, 2^{15}\})$	824633720856
6	$\mathcal{O}(1; \{6^5, 3^{34}, 2^{11}\})$	6597069766632
6	$\mathcal{O}(1; \{6^5, 3^{37}, 2^7\})$	52776558133272
6	$\mathcal{O}(1; \{6^5, 3^{40}, 2^3\})$	422212465065960
6	$\mathcal{O}(1; \{6^6, 3^2, 2^{52}\})$	3096
6	$\mathcal{O}(1; \{6^6, 3^5, 2^{48}\})$	24552
6	$\mathcal{O}(1; \{6^6, 3^8, 2^{44}\})$	196632
6	$\mathcal{O}(1; \{6^6, 3^{11}, 2^{40}\})$	1572840
6	$\mathcal{O}(1; \{6^6, 3^{14}, 2^{36}\})$	12582936
6	$\mathcal{O}(1; \{6^6, 3^{17}, 2^{32}\})$	100663272
6	$\mathcal{O}(1; \{6^6, 3^{20}, 2^{28}\})$	805306392
6	$\mathcal{O}(1; \{6^6, 3^{23}, 2^{24}\})$	6442450920
6	$\mathcal{O}(1; \{6^6, 3^{26}, 2^{20}\})$	51539607576
6	$\mathcal{O}(1; \{6^6, 3^{29}, 2^{16}\})$	412316860392

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^6, 3^{32}, 2^{12}\})$	3298534883352
6	$\mathcal{O}(1; \{6^6, 3^{35}, 2^8\})$	26388279066600
6	$\mathcal{O}(1; \{6^6, 3^{38}, 2^4\})$	211106232533016
6	$\mathcal{O}(1; \{6^6, 3^{41}\})$	1688849860263912
6	$\mathcal{O}(1; \{6^7, 2^{53}\})$	1512
6	$\mathcal{O}(1; \{6^7, 3^3, 2^{49}\})$	12312
6	$\mathcal{O}(1; \{6^7, 3^6, 2^{45}\})$	98280
6	$\mathcal{O}(1; \{6^7, 3^9, 2^{41}\})$	786456
6	$\mathcal{O}(1; \{6^7, 3^{12}, 2^{37}\})$	6291432
6	$\mathcal{O}(1; \{6^7, 3^{15}, 2^{33}\})$	50331672
6	$\mathcal{O}(1; \{6^7, 3^{18}, 2^{29}\})$	402653160
6	$\mathcal{O}(1; \{6^7, 3^{21}, 2^{25}\})$	3221225496
6	$\mathcal{O}(1; \{6^7, 3^{24}, 2^{21}\})$	25769803752
6	$\mathcal{O}(1; \{6^7, 3^{27}, 2^{17}\})$	206158430232
6	$\mathcal{O}(1; \{6^7, 3^{30}, 2^{13}\})$	1649267441640
6	$\mathcal{O}(1; \{6^7, 3^{33}, 2^9\})$	13194139533336
6	$\mathcal{O}(1; \{6^7, 3^{36}, 2^5\})$	105553116266472
6	$\mathcal{O}(1; \{6^7, 3^{39}, 2\})$	844424930131992
6	$\mathcal{O}(1; \{6^8, 3, 2^{50}\})$	6120
6	$\mathcal{O}(1; \{6^8, 3^4, 2^{46}\})$	49176
6	$\mathcal{O}(1; \{6^8, 3^7, 2^{42}\})$	393192
6	$\mathcal{O}(1; \{6^8, 3^{10}, 2^{38}\})$	3145752
6	$\mathcal{O}(1; \{6^8, 3^{13}, 2^{34}\})$	25165800
6	$\mathcal{O}(1; \{6^8, 3^{16}, 2^{30}\})$	201326616
6	$\mathcal{O}(1; \{6^8, 3^{19}, 2^{26}\})$	1610612712
6	$\mathcal{O}(1; \{6^8, 3^{22}, 2^{22}\})$	12884901912
6	$\mathcal{O}(1; \{6^8, 3^{25}, 2^{18}\})$	103079215080
6	$\mathcal{O}(1; \{6^8, 3^{28}, 2^{14}\})$	824633720856
6	$\mathcal{O}(1; \{6^8, 3^{31}, 2^{10}\})$	6597069766632
6	$\mathcal{O}(1; \{6^8, 3^{34}, 2^6\})$	52776558133272
6	$\mathcal{O}(1; \{6^8, 3^{37}, 2^2\})$	422212465065960
6	$\mathcal{O}(1; \{6^9, 3^2, 2^{47}\})$	24552
6	$\mathcal{O}(1; \{6^9, 3^5, 2^{43}\})$	196632
6	$\mathcal{O}(1; \{6^9, 3^8, 2^{39}\})$	1572840
6	$\mathcal{O}(1; \{6^9, 3^{11}, 2^{35}\})$	12582936
6	$\mathcal{O}(1; \{6^9, 3^{14}, 2^{31}\})$	100663272
6	$\mathcal{O}(1; \{6^9, 3^{17}, 2^{27}\})$	805306392
6	$\mathcal{O}(1; \{6^9, 3^{20}, 2^{23}\})$	6442450920
6	$\mathcal{O}(1; \{6^9, 3^{23}, 2^{19}\})$	51539607576
6	$\mathcal{O}(1; \{6^9, 3^{26}, 2^{15}\})$	412316860392
6	$\mathcal{O}(1; \{6^9, 3^{29}, 2^{11}\})$	3298534883352
6	$\mathcal{O}(1; \{6^9, 3^{32}, 2^7\})$	26388279066600
6	$\mathcal{O}(1; \{6^9, 3^{35}, 2^3\})$	211106232533016

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{10}, 2^{48}\})$	12312
6	$\mathcal{O}(1; \{6^{10}, 3^3, 2^{44}\})$	98280
6	$\mathcal{O}(1; \{6^{10}, 3^6, 2^{40}\})$	786456
6	$\mathcal{O}(1; \{6^{10}, 3^9, 2^{36}\})$	6291432
6	$\mathcal{O}(1; \{6^{10}, 3^{12}, 2^{32}\})$	50331672
6	$\mathcal{O}(1; \{6^{10}, 3^{15}, 2^{28}\})$	402653160
6	$\mathcal{O}(1; \{6^{10}, 3^{18}, 2^{24}\})$	3221225496
6	$\mathcal{O}(1; \{6^{10}, 3^{21}, 2^{20}\})$	25769803752
6	$\mathcal{O}(1; \{6^{10}, 3^{24}, 2^{16}\})$	206158430232
6	$\mathcal{O}(1; \{6^{10}, 3^{27}, 2^{12}\})$	1649267441640
6	$\mathcal{O}(1; \{6^{10}, 3^{30}, 2^8\})$	13194139533336
6	$\mathcal{O}(1; \{6^{10}, 3^{33}, 2^4\})$	105553116266472
6	$\mathcal{O}(1; \{6^{10}, 3^{36}\})$	844424930131992
6	$\mathcal{O}(1; \{6^{11}, 3, 2^{45}\})$	49176
6	$\mathcal{O}(1; \{6^{11}, 3^4, 2^{41}\})$	393192
6	$\mathcal{O}(1; \{6^{11}, 3^7, 2^{37}\})$	3145752
6	$\mathcal{O}(1; \{6^{11}, 3^{10}, 2^{33}\})$	25165800
6	$\mathcal{O}(1; \{6^{11}, 3^{13}, 2^{29}\})$	201326616
6	$\mathcal{O}(1; \{6^{11}, 3^{16}, 2^{25}\})$	1610612712
6	$\mathcal{O}(1; \{6^{11}, 3^{19}, 2^{21}\})$	12884901912
6	$\mathcal{O}(1; \{6^{11}, 3^{22}, 2^{17}\})$	103079215080
6	$\mathcal{O}(1; \{6^{11}, 3^{25}, 2^{13}\})$	824633720856
6	$\mathcal{O}(1; \{6^{11}, 3^{28}, 2^9\})$	6597069766632
6	$\mathcal{O}(1; \{6^{11}, 3^{31}, 2^5\})$	52776558133272
6	$\mathcal{O}(1; \{6^{11}, 3^{34}, 2\})$	422212465065960
6	$\mathcal{O}(1; \{6^{12}, 3^2, 2^{42}\})$	196632
6	$\mathcal{O}(1; \{6^{12}, 3^5, 2^{38}\})$	1572840
6	$\mathcal{O}(1; \{6^{12}, 3^8, 2^{34}\})$	12582936
6	$\mathcal{O}(1; \{6^{12}, 3^{11}, 2^{30}\})$	100663272
6	$\mathcal{O}(1; \{6^{12}, 3^{14}, 2^{26}\})$	805306392
6	$\mathcal{O}(1; \{6^{12}, 3^{17}, 2^{22}\})$	6442450920
6	$\mathcal{O}(1; \{6^{12}, 3^{20}, 2^{18}\})$	51539607576
6	$\mathcal{O}(1; \{6^{12}, 3^{23}, 2^{14}\})$	412316860392
6	$\mathcal{O}(1; \{6^{12}, 3^{26}, 2^{10}\})$	3298534883352
6	$\mathcal{O}(1; \{6^{12}, 3^{29}, 2^6\})$	26388279066600
6	$\mathcal{O}(1; \{6^{12}, 3^{32}, 2^2\})$	211106232533016
6	$\mathcal{O}(1; \{6^{13}, 2^{43}\})$	98280
6	$\mathcal{O}(1; \{6^{13}, 3^3, 2^{39}\})$	786456
6	$\mathcal{O}(1; \{6^{13}, 3^6, 2^{35}\})$	6291432
6	$\mathcal{O}(1; \{6^{13}, 3^9, 2^{31}\})$	50331672
6	$\mathcal{O}(1; \{6^{13}, 3^{12}, 2^{27}\})$	402653160
6	$\mathcal{O}(1; \{6^{13}, 3^{15}, 2^{23}\})$	3221225496
6	$\mathcal{O}(1; \{6^{13}, 3^{18}, 2^{19}\})$	25769803752

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{13}, 3^{21}, 2^{15}\})$	206158430232
6	$\mathcal{O}(1; \{6^{13}, 3^{24}, 2^{11}\})$	1649267441640
6	$\mathcal{O}(1; \{6^{13}, 3^{27}, 2^7\})$	13194139533336
6	$\mathcal{O}(1; \{6^{13}, 3^{30}, 2^3\})$	105553116266472
6	$\mathcal{O}(1; \{6^{14}, 3, 2^{40}\})$	393192
6	$\mathcal{O}(1; \{6^{14}, 3^4, 2^{36}\})$	3145752
6	$\mathcal{O}(1; \{6^{14}, 3^7, 2^{32}\})$	25165800
6	$\mathcal{O}(1; \{6^{14}, 3^{10}, 2^{28}\})$	201326616
6	$\mathcal{O}(1; \{6^{14}, 3^{13}, 2^{24}\})$	1610612712
6	$\mathcal{O}(1; \{6^{14}, 3^{16}, 2^{20}\})$	12884901912
6	$\mathcal{O}(1; \{6^{14}, 3^{19}, 2^{16}\})$	103079215080
6	$\mathcal{O}(1; \{6^{14}, 3^{22}, 2^{12}\})$	824633720856
6	$\mathcal{O}(1; \{6^{14}, 3^{25}, 2^8\})$	6597069766632
6	$\mathcal{O}(1; \{6^{14}, 3^{28}, 2^4\})$	52776558133272
6	$\mathcal{O}(1; \{6^{14}, 3^{31}\})$	422212465065960
6	$\mathcal{O}(1; \{6^{15}, 3^2, 2^{37}\})$	1572840
6	$\mathcal{O}(1; \{6^{15}, 3^5, 2^{33}\})$	12582936
6	$\mathcal{O}(1; \{6^{15}, 3^8, 2^{29}\})$	100663272
6	$\mathcal{O}(1; \{6^{15}, 3^{11}, 2^{25}\})$	805306392
6	$\mathcal{O}(1; \{6^{15}, 3^{14}, 2^{21}\})$	6442450920
6	$\mathcal{O}(1; \{6^{15}, 3^{17}, 2^{17}\})$	51539607576
6	$\mathcal{O}(1; \{6^{15}, 3^{20}, 2^{13}\})$	412316860392
6	$\mathcal{O}(1; \{6^{15}, 3^{23}, 2^9\})$	3298534883352
6	$\mathcal{O}(1; \{6^{15}, 3^{26}, 2^5\})$	26388279066600
6	$\mathcal{O}(1; \{6^{15}, 3^{29}, 2\})$	211106232533016
6	$\mathcal{O}(1; \{6^{16}, 2^{38}\})$	786456
6	$\mathcal{O}(1; \{6^{16}, 3^3, 2^{34}\})$	6291432
6	$\mathcal{O}(1; \{6^{16}, 3^6, 2^{30}\})$	50331672
6	$\mathcal{O}(1; \{6^{16}, 3^9, 2^{26}\})$	402653160
6	$\mathcal{O}(1; \{6^{16}, 3^{12}, 2^{22}\})$	3221225496
6	$\mathcal{O}(1; \{6^{16}, 3^{15}, 2^{18}\})$	25769803752
6	$\mathcal{O}(1; \{6^{16}, 3^{18}, 2^{14}\})$	206158430232
6	$\mathcal{O}(1; \{6^{16}, 3^{21}, 2^{10}\})$	1649267441640
6	$\mathcal{O}(1; \{6^{16}, 3^{24}, 2^6\})$	13194139533336
6	$\mathcal{O}(1; \{6^{16}, 3^{27}, 2^2\})$	105553116266472
6	$\mathcal{O}(1; \{6^{17}, 3, 2^{35}\})$	3145752
6	$\mathcal{O}(1; \{6^{17}, 3^4, 2^{31}\})$	25165800
6	$\mathcal{O}(1; \{6^{17}, 3^7, 2^{27}\})$	201326616
6	$\mathcal{O}(1; \{6^{17}, 3^{10}, 2^{23}\})$	1610612712
6	$\mathcal{O}(1; \{6^{17}, 3^{13}, 2^{19}\})$	12884901912
6	$\mathcal{O}(1; \{6^{17}, 3^{16}, 2^{15}\})$	103079215080
6	$\mathcal{O}(1; \{6^{17}, 3^{19}, 2^{11}\})$	824633720856
6	$\mathcal{O}(1; \{6^{17}, 3^{22}, 2^7\})$	6597069766632

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{17}, 3^{25}, 2^3\})$	52776558133272
6	$\mathcal{O}(1; \{6^{18}, 3^2, 2^{32}\})$	12582936
6	$\mathcal{O}(1; \{6^{18}, 3^5, 2^{28}\})$	100663272
6	$\mathcal{O}(1; \{6^{18}, 3^8, 2^{24}\})$	805306392
6	$\mathcal{O}(1; \{6^{18}, 3^{11}, 2^{20}\})$	6442450920
6	$\mathcal{O}(1; \{6^{18}, 3^{14}, 2^{16}\})$	51539607576
6	$\mathcal{O}(1; \{6^{18}, 3^{17}, 2^{12}\})$	412316860392
6	$\mathcal{O}(1; \{6^{18}, 3^{20}, 2^8\})$	3298534883352
6	$\mathcal{O}(1; \{6^{18}, 3^{23}, 2^4\})$	26388279066600
6	$\mathcal{O}(1; \{6^{18}, 3^{26}\})$	211106232533016
6	$\mathcal{O}(1; \{6^{19}, 2^{33}\})$	6291432
6	$\mathcal{O}(1; \{6^{19}, 3^3, 2^{29}\})$	50331672
6	$\mathcal{O}(1; \{6^{19}, 3^6, 2^{25}\})$	402653160
6	$\mathcal{O}(1; \{6^{19}, 3^9, 2^{21}\})$	3221225496
6	$\mathcal{O}(1; \{6^{19}, 3^{12}, 2^{17}\})$	25769803752
6	$\mathcal{O}(1; \{6^{19}, 3^{15}, 2^{13}\})$	206158430232
6	$\mathcal{O}(1; \{6^{19}, 3^{18}, 2^9\})$	1649267441640
6	$\mathcal{O}(1; \{6^{19}, 3^{21}, 2^5\})$	13194139533336
6	$\mathcal{O}(1; \{6^{19}, 3^{24}, 2\})$	105553116266472
6	$\mathcal{O}(1; \{6^{20}, 3, 2^{30}\})$	25165800
6	$\mathcal{O}(1; \{6^{20}, 3^4, 2^{26}\})$	201326616
6	$\mathcal{O}(1; \{6^{20}, 3^7, 2^{22}\})$	1610612712
6	$\mathcal{O}(1; \{6^{20}, 3^{10}, 2^{18}\})$	12884901912
6	$\mathcal{O}(1; \{6^{20}, 3^{13}, 2^{14}\})$	103079215080
6	$\mathcal{O}(1; \{6^{20}, 3^{16}, 2^{10}\})$	824633720856
6	$\mathcal{O}(1; \{6^{20}, 3^{19}, 2^6\})$	6597069766632
6	$\mathcal{O}(1; \{6^{20}, 3^{22}, 2^2\})$	52776558133272
6	$\mathcal{O}(1; \{6^{21}, 3^2, 2^{27}\})$	100663272
6	$\mathcal{O}(1; \{6^{21}, 3^5, 2^{23}\})$	805306392
6	$\mathcal{O}(1; \{6^{21}, 3^8, 2^{19}\})$	6442450920
6	$\mathcal{O}(1; \{6^{21}, 3^{11}, 2^{15}\})$	51539607576
6	$\mathcal{O}(1; \{6^{21}, 3^{14}, 2^{11}\})$	412316860392
6	$\mathcal{O}(1; \{6^{21}, 3^{17}, 2^7\})$	3298534883352
6	$\mathcal{O}(1; \{6^{21}, 3^{20}, 2^3\})$	26388279066600
6	$\mathcal{O}(1; \{6^{22}, 2^{28}\})$	50331672
6	$\mathcal{O}(1; \{6^{22}, 3^3, 2^{24}\})$	402653160
6	$\mathcal{O}(1; \{6^{22}, 3^6, 2^{20}\})$	3221225496
6	$\mathcal{O}(1; \{6^{22}, 3^9, 2^{16}\})$	25769803752
6	$\mathcal{O}(1; \{6^{22}, 3^{12}, 2^{12}\})$	206158430232
6	$\mathcal{O}(1; \{6^{22}, 3^{15}, 2^8\})$	1649267441640
6	$\mathcal{O}(1; \{6^{22}, 3^{18}, 2^4\})$	13194139533336
6	$\mathcal{O}(1; \{6^{22}, 3^{21}\})$	105553116266472
6	$\mathcal{O}(1; \{6^{23}, 3, 2^{25}\})$	201326616

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{23}, 3^4, 2^{21}\})$	1610612712
6	$\mathcal{O}(1; \{6^{23}, 3^7, 2^{17}\})$	12884901912
6	$\mathcal{O}(1; \{6^{23}, 3^{10}, 2^{13}\})$	103079215080
6	$\mathcal{O}(1; \{6^{23}, 3^{13}, 2^9\})$	824633720856
6	$\mathcal{O}(1; \{6^{23}, 3^{16}, 2^5\})$	6597069766632
6	$\mathcal{O}(1; \{6^{23}, 3^{19}, 2\})$	52776558133272
6	$\mathcal{O}(1; \{6^{24}, 3^2, 2^{22}\})$	805306392
6	$\mathcal{O}(1; \{6^{24}, 3^5, 2^{18}\})$	6442450920
6	$\mathcal{O}(1; \{6^{24}, 3^8, 2^{14}\})$	51539607576
6	$\mathcal{O}(1; \{6^{24}, 3^{11}, 2^{10}\})$	412316860392
6	$\mathcal{O}(1; \{6^{24}, 3^{14}, 2^6\})$	3298534883352
6	$\mathcal{O}(1; \{6^{24}, 3^{17}, 2^2\})$	26388279066600
6	$\mathcal{O}(1; \{6^{25}, 2^{23}\})$	402653160
6	$\mathcal{O}(1; \{6^{25}, 3^3, 2^{19}\})$	3221225496
6	$\mathcal{O}(1; \{6^{25}, 3^6, 2^{15}\})$	25769803752
6	$\mathcal{O}(1; \{6^{25}, 3^9, 2^{11}\})$	206158430232
6	$\mathcal{O}(1; \{6^{25}, 3^{12}, 2^7\})$	1649267441640
6	$\mathcal{O}(1; \{6^{25}, 3^{15}, 2^3\})$	13194139533336
6	$\mathcal{O}(1; \{6^{26}, 3, 2^{20}\})$	1610612712
6	$\mathcal{O}(1; \{6^{26}, 3^4, 2^{16}\})$	12884901912
6	$\mathcal{O}(1; \{6^{26}, 3^7, 2^{12}\})$	103079215080
6	$\mathcal{O}(1; \{6^{26}, 3^{10}, 2^8\})$	824633720856
6	$\mathcal{O}(1; \{6^{26}, 3^{13}, 2^4\})$	6597069766632
6	$\mathcal{O}(1; \{6^{26}, 3^{16}\})$	52776558133272
6	$\mathcal{O}(1; \{6^{27}, 3^2, 2^{17}\})$	6442450920
6	$\mathcal{O}(1; \{6^{27}, 3^5, 2^{13}\})$	51539607576
6	$\mathcal{O}(1; \{6^{27}, 3^8, 2^9\})$	412316860392
6	$\mathcal{O}(1; \{6^{27}, 3^{11}, 2^5\})$	3298534883352
6	$\mathcal{O}(1; \{6^{27}, 3^{14}, 2\})$	26388279066600
6	$\mathcal{O}(1; \{6^{28}, 2^{18}\})$	3221225496
6	$\mathcal{O}(1; \{6^{28}, 3^3, 2^{14}\})$	25769803752
6	$\mathcal{O}(1; \{6^{28}, 3^6, 2^{10}\})$	206158430232
6	$\mathcal{O}(1; \{6^{28}, 3^9, 2^6\})$	1649267441640
6	$\mathcal{O}(1; \{6^{28}, 3^{12}, 2^2\})$	13194139533336
6	$\mathcal{O}(1; \{6^{29}, 3, 2^{15}\})$	12884901912
6	$\mathcal{O}(1; \{6^{29}, 3^4, 2^{11}\})$	103079215080
6	$\mathcal{O}(1; \{6^{29}, 3^7, 2^7\})$	824633720856
6	$\mathcal{O}(1; \{6^{29}, 3^{10}, 2^3\})$	6597069766632
6	$\mathcal{O}(1; \{6^{30}, 3^2, 2^{12}\})$	51539607576
6	$\mathcal{O}(1; \{6^{30}, 3^5, 2^8\})$	412316860392
6	$\mathcal{O}(1; \{6^{30}, 3^8, 2^4\})$	3298534883352
6	$\mathcal{O}(1; \{6^{30}, 3^{11}\})$	26388279066600
6	$\mathcal{O}(1; \{6^{31}, 2^{13}\})$	25769803752

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{31}, 3^3, 2^9\})$	206158430232
6	$\mathcal{O}(1; \{6^{31}, 3^6, 2^5\})$	1649267441640
6	$\mathcal{O}(1; \{6^{31}, 3^9, 2\})$	13194139533336
6	$\mathcal{O}(1; \{6^{32}, 3, 2^{10}\})$	103079215080
6	$\mathcal{O}(1; \{6^{32}, 3^4, 2^6\})$	824633720856
6	$\mathcal{O}(1; \{6^{32}, 3^7, 2^2\})$	6597069766632
6	$\mathcal{O}(1; \{6^{33}, 3^2, 2^7\})$	412316860392
6	$\mathcal{O}(1; \{6^{33}, 3^5, 2^3\})$	3298534883352
6	$\mathcal{O}(1; \{6^{34}, 2^8\})$	206158430232
6	$\mathcal{O}(1; \{6^{34}, 3^3, 2^4\})$	1649267441640
6	$\mathcal{O}(1; \{6^{34}, 3^6\})$	13194139533336
6	$\mathcal{O}(1; \{6^{35}, 3, 2^5\})$	824633720856
6	$\mathcal{O}(1; \{6^{35}, 3^4, 2\})$	6597069766632
6	$\mathcal{O}(1; \{6^{36}, 3^2, 2^2\})$	3298534883352
6	$\mathcal{O}(1; \{6^{37}, 2^3\})$	1649267441640
6	$\mathcal{O}(1; \{6^{38}, 3\})$	6597069766632
6	$\mathcal{O}(0; \{3^2, 2^{66}\})$	2
6	$\mathcal{O}(0; \{3^5, 2^{62}\})$	10
6	$\mathcal{O}(0; \{3^8, 2^{58}\})$	86
6	$\mathcal{O}(0; \{3^{11}, 2^{54}\})$	682
6	$\mathcal{O}(0; \{3^{14}, 2^{50}\})$	5462
6	$\mathcal{O}(0; \{3^{17}, 2^{46}\})$	43690
6	$\mathcal{O}(0; \{3^{20}, 2^{42}\})$	349526
6	$\mathcal{O}(0; \{3^{23}, 2^{38}\})$	2796202
6	$\mathcal{O}(0; \{3^{26}, 2^{34}\})$	22369622
6	$\mathcal{O}(0; \{3^{29}, 2^{30}\})$	178956970
6	$\mathcal{O}(0; \{3^{32}, 2^{26}\})$	1431655766
6	$\mathcal{O}(0; \{3^{35}, 2^{22}\})$	11453246122
6	$\mathcal{O}(0; \{3^{38}, 2^{18}\})$	91625968982
6	$\mathcal{O}(0; \{3^{41}, 2^{14}\})$	733007751850
6	$\mathcal{O}(0; \{3^{44}, 2^{10}\})$	5864062014806
6	$\mathcal{O}(0; \{3^{47}, 2^6\})$	46912496118442
6	$\mathcal{O}(0; \{3^{50}, 2^2\})$	375299968947542
6	$\mathcal{O}(0; \{6, 3^3, 2^{63}\})$	6
6	$\mathcal{O}(0; \{6, 3^6, 2^{59}\})$	42
6	$\mathcal{O}(0; \{6, 3^9, 2^{55}\})$	342
6	$\mathcal{O}(0; \{6, 3^{12}, 2^{51}\})$	2730
6	$\mathcal{O}(0; \{6, 3^{15}, 2^{47}\})$	21846
6	$\mathcal{O}(0; \{6, 3^{18}, 2^{43}\})$	174762
6	$\mathcal{O}(0; \{6, 3^{21}, 2^{39}\})$	1398102
6	$\mathcal{O}(0; \{6, 3^{24}, 2^{35}\})$	11184810
6	$\mathcal{O}(0; \{6, 3^{27}, 2^{31}\})$	89478486
6	$\mathcal{O}(0; \{6, 3^{30}, 2^{27}\})$	715827882

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6, 3^{33}, 2^{23}\})$	5726623062
6	$\mathcal{O}(0; \{6, 3^{36}, 2^{19}\})$	45812984490
6	$\mathcal{O}(0; \{6, 3^{39}, 2^{15}\})$	366503875926
6	$\mathcal{O}(0; \{6, 3^{42}, 2^{11}\})$	2932031007402
6	$\mathcal{O}(0; \{6, 3^{45}, 2^7\})$	23456248059222
6	$\mathcal{O}(0; \{6, 3^{48}, 2^3\})$	187649984473770
6	$\mathcal{O}(0; \{6^2, 3, 2^{64}\})$	2
6	$\mathcal{O}(0; \{6^2, 3^4, 2^{60}\})$	22
6	$\mathcal{O}(0; \{6^2, 3^7, 2^{56}\})$	170
6	$\mathcal{O}(0; \{6^2, 3^{10}, 2^{52}\})$	1366
6	$\mathcal{O}(0; \{6^2, 3^{13}, 2^{48}\})$	10922
6	$\mathcal{O}(0; \{6^2, 3^{16}, 2^{44}\})$	87382
6	$\mathcal{O}(0; \{6^2, 3^{19}, 2^{40}\})$	699050
6	$\mathcal{O}(0; \{6^2, 3^{22}, 2^{36}\})$	5592406
6	$\mathcal{O}(0; \{6^2, 3^{25}, 2^{32}\})$	44739242
6	$\mathcal{O}(0; \{6^2, 3^{28}, 2^{28}\})$	357913942
6	$\mathcal{O}(0; \{6^2, 3^{31}, 2^{24}\})$	2863311530
6	$\mathcal{O}(0; \{6^2, 3^{34}, 2^{20}\})$	22906492246
6	$\mathcal{O}(0; \{6^2, 3^{37}, 2^{16}\})$	183251937962
6	$\mathcal{O}(0; \{6^2, 3^{40}, 2^{12}\})$	1466015503702
6	$\mathcal{O}(0; \{6^2, 3^{43}, 2^8\})$	11728124029610
6	$\mathcal{O}(0; \{6^2, 3^{46}, 2^4\})$	93824992236886
6	$\mathcal{O}(0; \{6^2, 3^{49}\})$	750599937895082
6	$\mathcal{O}(0; \{6^3, 3^2, 2^{61}\})$	10
6	$\mathcal{O}(0; \{6^3, 3^5, 2^{57}\})$	86
6	$\mathcal{O}(0; \{6^3, 3^8, 2^{53}\})$	682
6	$\mathcal{O}(0; \{6^3, 3^{11}, 2^{49}\})$	5462
6	$\mathcal{O}(0; \{6^3, 3^{14}, 2^{45}\})$	43690
6	$\mathcal{O}(0; \{6^3, 3^{17}, 2^{41}\})$	349526
6	$\mathcal{O}(0; \{6^3, 3^{20}, 2^{37}\})$	2796202
6	$\mathcal{O}(0; \{6^3, 3^{23}, 2^{33}\})$	22369622
6	$\mathcal{O}(0; \{6^3, 3^{26}, 2^{29}\})$	178956970
6	$\mathcal{O}(0; \{6^3, 3^{29}, 2^{25}\})$	1431655766
6	$\mathcal{O}(0; \{6^3, 3^{32}, 2^{21}\})$	11453246122
6	$\mathcal{O}(0; \{6^3, 3^{35}, 2^{17}\})$	91625968982
6	$\mathcal{O}(0; \{6^3, 3^{38}, 2^{13}\})$	733007751850
6	$\mathcal{O}(0; \{6^3, 3^{41}, 2^9\})$	5864062014806
6	$\mathcal{O}(0; \{6^3, 3^{44}, 2^5\})$	46912496118442
6	$\mathcal{O}(0; \{6^3, 3^{47}, 2\})$	375299968947542
6	$\mathcal{O}(0; \{6^4, 2^{62}\})$	6
6	$\mathcal{O}(0; \{6^4, 3^3, 2^{58}\})$	42
6	$\mathcal{O}(0; \{6^4, 3^6, 2^{54}\})$	342
6	$\mathcal{O}(0; \{6^4, 3^9, 2^{50}\})$	2730

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^4, 3^{12}, 2^{46}\})$	21846
6	$\mathcal{O}(0; \{6^4, 3^{15}, 2^{42}\})$	174762
6	$\mathcal{O}(0; \{6^4, 3^{18}, 2^{38}\})$	1398102
6	$\mathcal{O}(0; \{6^4, 3^{21}, 2^{34}\})$	11184810
6	$\mathcal{O}(0; \{6^4, 3^{24}, 2^{30}\})$	89478486
6	$\mathcal{O}(0; \{6^4, 3^{27}, 2^{26}\})$	715827882
6	$\mathcal{O}(0; \{6^4, 3^{30}, 2^{22}\})$	5726623062
6	$\mathcal{O}(0; \{6^4, 3^{33}, 2^{18}\})$	45812984490
6	$\mathcal{O}(0; \{6^4, 3^{36}, 2^{14}\})$	366503875926
6	$\mathcal{O}(0; \{6^4, 3^{39}, 2^{10}\})$	2932031007402
6	$\mathcal{O}(0; \{6^4, 3^{42}, 2^6\})$	23456248059222
6	$\mathcal{O}(0; \{6^4, 3^{45}, 2^2\})$	187649984473770
6	$\mathcal{O}(0; \{6^5, 3, 2^{59}\})$	22
6	$\mathcal{O}(0; \{6^5, 3^4, 2^{55}\})$	170
6	$\mathcal{O}(0; \{6^5, 3^7, 2^{51}\})$	1366
6	$\mathcal{O}(0; \{6^5, 3^{10}, 2^{47}\})$	10922
6	$\mathcal{O}(0; \{6^5, 3^{13}, 2^{43}\})$	87382
6	$\mathcal{O}(0; \{6^5, 3^{16}, 2^{39}\})$	699050
6	$\mathcal{O}(0; \{6^5, 3^{19}, 2^{35}\})$	5592406
6	$\mathcal{O}(0; \{6^5, 3^{22}, 2^{31}\})$	44739242
6	$\mathcal{O}(0; \{6^5, 3^{25}, 2^{27}\})$	357913942
6	$\mathcal{O}(0; \{6^5, 3^{28}, 2^{23}\})$	2863311530
6	$\mathcal{O}(0; \{6^5, 3^{31}, 2^{19}\})$	22906492246
6	$\mathcal{O}(0; \{6^5, 3^{34}, 2^{15}\})$	183251937962
6	$\mathcal{O}(0; \{6^5, 3^{37}, 2^{11}\})$	1466015503702
6	$\mathcal{O}(0; \{6^5, 3^{40}, 2^7\})$	11728124029610
6	$\mathcal{O}(0; \{6^5, 3^{43}, 2^3\})$	93824992236886
6	$\mathcal{O}(0; \{6^6, 3^2, 2^{56}\})$	86
6	$\mathcal{O}(0; \{6^6, 3^5, 2^{52}\})$	682
6	$\mathcal{O}(0; \{6^6, 3^8, 2^{48}\})$	5462
6	$\mathcal{O}(0; \{6^6, 3^{11}, 2^{44}\})$	43690
6	$\mathcal{O}(0; \{6^6, 3^{14}, 2^{40}\})$	349526
6	$\mathcal{O}(0; \{6^6, 3^{17}, 2^{36}\})$	2796202
6	$\mathcal{O}(0; \{6^6, 3^{20}, 2^{32}\})$	22369622
6	$\mathcal{O}(0; \{6^6, 3^{23}, 2^{28}\})$	178956970
6	$\mathcal{O}(0; \{6^6, 3^{26}, 2^{24}\})$	1431655766
6	$\mathcal{O}(0; \{6^6, 3^{29}, 2^{20}\})$	11453246122
6	$\mathcal{O}(0; \{6^6, 3^{32}, 2^{16}\})$	91625968982
6	$\mathcal{O}(0; \{6^6, 3^{35}, 2^{12}\})$	733007751850
6	$\mathcal{O}(0; \{6^6, 3^{38}, 2^8\})$	5864062014806
6	$\mathcal{O}(0; \{6^6, 3^{41}, 2^4\})$	46912496118442
6	$\mathcal{O}(0; \{6^6, 3^{44}\})$	375299968947542
6	$\mathcal{O}(0; \{6^7, 2^{57}\})$	42

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^7, 3^3, 2^{53}\})$	342
6	$\mathcal{O}(0; \{6^7, 3^6, 2^{49}\})$	2730
6	$\mathcal{O}(0; \{6^7, 3^9, 2^{45}\})$	21846
6	$\mathcal{O}(0; \{6^7, 3^{12}, 2^{41}\})$	174762
6	$\mathcal{O}(0; \{6^7, 3^{15}, 2^{37}\})$	1398102
6	$\mathcal{O}(0; \{6^7, 3^{18}, 2^{33}\})$	11184810
6	$\mathcal{O}(0; \{6^7, 3^{21}, 2^{29}\})$	89478486
6	$\mathcal{O}(0; \{6^7, 3^{24}, 2^{25}\})$	715827882
6	$\mathcal{O}(0; \{6^7, 3^{27}, 2^{21}\})$	5726623062
6	$\mathcal{O}(0; \{6^7, 3^{30}, 2^{17}\})$	45812984490
6	$\mathcal{O}(0; \{6^7, 3^{33}, 2^{13}\})$	366503875926
6	$\mathcal{O}(0; \{6^7, 3^{36}, 2^9\})$	2932031007402
6	$\mathcal{O}(0; \{6^7, 3^{39}, 2^5\})$	23456248059222
6	$\mathcal{O}(0; \{6^7, 3^{42}, 2\})$	187649984473770
6	$\mathcal{O}(0; \{6^8, 3, 2^{54}\})$	170
6	$\mathcal{O}(0; \{6^8, 3^4, 2^{50}\})$	1366
6	$\mathcal{O}(0; \{6^8, 3^7, 2^{46}\})$	10922
6	$\mathcal{O}(0; \{6^8, 3^{10}, 2^{42}\})$	87382
6	$\mathcal{O}(0; \{6^8, 3^{13}, 2^{38}\})$	699050
6	$\mathcal{O}(0; \{6^8, 3^{16}, 2^{34}\})$	5592406
6	$\mathcal{O}(0; \{6^8, 3^{19}, 2^{30}\})$	44739242
6	$\mathcal{O}(0; \{6^8, 3^{22}, 2^{26}\})$	357913942
6	$\mathcal{O}(0; \{6^8, 3^{25}, 2^{22}\})$	2863311530
6	$\mathcal{O}(0; \{6^8, 3^{28}, 2^{18}\})$	22906492246
6	$\mathcal{O}(0; \{6^8, 3^{31}, 2^{14}\})$	183251937962
6	$\mathcal{O}(0; \{6^8, 3^{34}, 2^{10}\})$	1466015503702
6	$\mathcal{O}(0; \{6^8, 3^{37}, 2^6\})$	11728124029610
6	$\mathcal{O}(0; \{6^8, 3^{40}, 2^2\})$	93824992236886
6	$\mathcal{O}(0; \{6^9, 3^2, 2^{51}\})$	682
6	$\mathcal{O}(0; \{6^9, 3^5, 2^{47}\})$	5462
6	$\mathcal{O}(0; \{6^9, 3^8, 2^{43}\})$	43690
6	$\mathcal{O}(0; \{6^9, 3^{11}, 2^{39}\})$	349526
6	$\mathcal{O}(0; \{6^9, 3^{14}, 2^{35}\})$	2796202
6	$\mathcal{O}(0; \{6^9, 3^{17}, 2^{31}\})$	22369622
6	$\mathcal{O}(0; \{6^9, 3^{20}, 2^{27}\})$	178956970
6	$\mathcal{O}(0; \{6^9, 3^{23}, 2^{23}\})$	1431655766
6	$\mathcal{O}(0; \{6^9, 3^{26}, 2^{19}\})$	11453246122
6	$\mathcal{O}(0; \{6^9, 3^{29}, 2^{15}\})$	91625968982
6	$\mathcal{O}(0; \{6^9, 3^{32}, 2^{11}\})$	733007751850
6	$\mathcal{O}(0; \{6^9, 3^{35}, 2^7\})$	5864062014806
6	$\mathcal{O}(0; \{6^9, 3^{38}, 2^3\})$	46912496118442
6	$\mathcal{O}(0; \{6^{10}, 2^{52}\})$	342
6	$\mathcal{O}(0; \{6^{10}, 3^3, 2^{48}\})$	2730

Continued on next page

Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{10}, 3^6, 2^{44}\})$	21846
6	$\mathcal{O}(0; \{6^{10}, 3^9, 2^{40}\})$	174762
6	$\mathcal{O}(0; \{6^{10}, 3^{12}, 2^{36}\})$	1398102
6	$\mathcal{O}(0; \{6^{10}, 3^{15}, 2^{32}\})$	11184810
6	$\mathcal{O}(0; \{6^{10}, 3^{18}, 2^{28}\})$	89478486
6	$\mathcal{O}(0; \{6^{10}, 3^{21}, 2^{24}\})$	715827882
6	$\mathcal{O}(0; \{6^{10}, 3^{24}, 2^{20}\})$	5726623062
6	$\mathcal{O}(0; \{6^{10}, 3^{27}, 2^{16}\})$	45812984490
6	$\mathcal{O}(0; \{6^{10}, 3^{30}, 2^{12}\})$	366503875926
6	$\mathcal{O}(0; \{6^{10}, 3^{33}, 2^8\})$	2932031007402
6	$\mathcal{O}(0; \{6^{10}, 3^{36}, 2^4\})$	23456248059222
6	$\mathcal{O}(0; \{6^{10}, 3^{39}\})$	187649984473770
6	$\mathcal{O}(0; \{6^{11}, 3, 2^{49}\})$	1366
6	$\mathcal{O}(0; \{6^{11}, 3^4, 2^{45}\})$	10922
6	$\mathcal{O}(0; \{6^{11}, 3^7, 2^{41}\})$	87382
6	$\mathcal{O}(0; \{6^{11}, 3^{10}, 2^{37}\})$	699050
6	$\mathcal{O}(0; \{6^{11}, 3^{13}, 2^{33}\})$	5592406
6	$\mathcal{O}(0; \{6^{11}, 3^{16}, 2^{29}\})$	44739242
6	$\mathcal{O}(0; \{6^{11}, 3^{19}, 2^{25}\})$	357913942
6	$\mathcal{O}(0; \{6^{11}, 3^{22}, 2^{21}\})$	2863311530
6	$\mathcal{O}(0; \{6^{11}, 3^{25}, 2^{17}\})$	22906492246
6	$\mathcal{O}(0; \{6^{11}, 3^{28}, 2^{13}\})$	183251937962
6	$\mathcal{O}(0; \{6^{11}, 3^{31}, 2^9\})$	1466015503702
6	$\mathcal{O}(0; \{6^{11}, 3^{34}, 2^5\})$	11728124029610
6	$\mathcal{O}(0; \{6^{11}, 3^{37}, 2\})$	93824992236886
6	$\mathcal{O}(0; \{6^{12}, 3^2, 2^{46}\})$	5462
6	$\mathcal{O}(0; \{6^{12}, 3^5, 2^{42}\})$	43690
6	$\mathcal{O}(0; \{6^{12}, 3^8, 2^{38}\})$	349526
6	$\mathcal{O}(0; \{6^{12}, 3^{11}, 2^{34}\})$	2796202
6	$\mathcal{O}(0; \{6^{12}, 3^{14}, 2^{30}\})$	22369622
6	$\mathcal{O}(0; \{6^{12}, 3^{17}, 2^{26}\})$	178956970
6	$\mathcal{O}(0; \{6^{12}, 3^{20}, 2^{22}\})$	1431655766
6	$\mathcal{O}(0; \{6^{12}, 3^{23}, 2^{18}\})$	11453246122
6	$\mathcal{O}(0; \{6^{12}, 3^{26}, 2^{14}\})$	91625968982
6	$\mathcal{O}(0; \{6^{12}, 3^{29}, 2^{10}\})$	733007751850
6	$\mathcal{O}(0; \{6^{12}, 3^{32}, 2^6\})$	5864062014806
6	$\mathcal{O}(0; \{6^{12}, 3^{35}, 2^2\})$	46912496118442
6	$\mathcal{O}(0; \{6^{13}, 2^{47}\})$	2730
6	$\mathcal{O}(0; \{6^{13}, 3^3, 2^{43}\})$	21846
6	$\mathcal{O}(0; \{6^{13}, 3^6, 2^{39}\})$	174762
6	$\mathcal{O}(0; \{6^{13}, 3^9, 2^{35}\})$	1398102
6	$\mathcal{O}(0; \{6^{13}, 3^{12}, 2^{31}\})$	11184810
6	$\mathcal{O}(0; \{6^{13}, 3^{15}, 2^{27}\})$	89478486

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{13}, 3^{18}, 2^{23}\})$	715827882
6	$\mathcal{O}(0; \{6^{13}, 3^{21}, 2^{19}\})$	5726623062
6	$\mathcal{O}(0; \{6^{13}, 3^{24}, 2^{15}\})$	45812984490
6	$\mathcal{O}(0; \{6^{13}, 3^{27}, 2^{11}\})$	366503875926
6	$\mathcal{O}(0; \{6^{13}, 3^{30}, 2^7\})$	2932031007402
6	$\mathcal{O}(0; \{6^{13}, 3^{33}, 2^3\})$	23456248059222
6	$\mathcal{O}(0; \{6^{14}, 3, 2^{44}\})$	10922
6	$\mathcal{O}(0; \{6^{14}, 3^4, 2^{40}\})$	87382
6	$\mathcal{O}(0; \{6^{14}, 3^7, 2^{36}\})$	699050
6	$\mathcal{O}(0; \{6^{14}, 3^{10}, 2^{32}\})$	5592406
6	$\mathcal{O}(0; \{6^{14}, 3^{13}, 2^{28}\})$	44739242
6	$\mathcal{O}(0; \{6^{14}, 3^{16}, 2^{24}\})$	357913942
6	$\mathcal{O}(0; \{6^{14}, 3^{19}, 2^{20}\})$	2863311530
6	$\mathcal{O}(0; \{6^{14}, 3^{22}, 2^{16}\})$	22906492246
6	$\mathcal{O}(0; \{6^{14}, 3^{25}, 2^{12}\})$	183251937962
6	$\mathcal{O}(0; \{6^{14}, 3^{28}, 2^8\})$	1466015503702
6	$\mathcal{O}(0; \{6^{14}, 3^{31}, 2^4\})$	11728124029610
6	$\mathcal{O}(0; \{6^{14}, 3^{34}\})$	93824992236886
6	$\mathcal{O}(0; \{6^{15}, 3^2, 2^{41}\})$	43690
6	$\mathcal{O}(0; \{6^{15}, 3^5, 2^{37}\})$	349526
6	$\mathcal{O}(0; \{6^{15}, 3^8, 2^{33}\})$	2796202
6	$\mathcal{O}(0; \{6^{15}, 3^{11}, 2^{29}\})$	22369622
6	$\mathcal{O}(0; \{6^{15}, 3^{14}, 2^{25}\})$	178956970
6	$\mathcal{O}(0; \{6^{15}, 3^{17}, 2^{21}\})$	1431655766
6	$\mathcal{O}(0; \{6^{15}, 3^{20}, 2^{17}\})$	11453246122
6	$\mathcal{O}(0; \{6^{15}, 3^{23}, 2^{13}\})$	91625968982
6	$\mathcal{O}(0; \{6^{15}, 3^{26}, 2^9\})$	733007751850
6	$\mathcal{O}(0; \{6^{15}, 3^{29}, 2^5\})$	5864062014806
6	$\mathcal{O}(0; \{6^{15}, 3^{32}, 2\})$	46912496118442
6	$\mathcal{O}(0; \{6^{16}, 2^{42}\})$	21846
6	$\mathcal{O}(0; \{6^{16}, 3^3, 2^{38}\})$	174762
6	$\mathcal{O}(0; \{6^{16}, 3^6, 2^{34}\})$	1398102
6	$\mathcal{O}(0; \{6^{16}, 3^9, 2^{30}\})$	11184810
6	$\mathcal{O}(0; \{6^{16}, 3^{12}, 2^{26}\})$	89478486
6	$\mathcal{O}(0; \{6^{16}, 3^{15}, 2^{22}\})$	715827882
6	$\mathcal{O}(0; \{6^{16}, 3^{18}, 2^{18}\})$	5726623062
6	$\mathcal{O}(0; \{6^{16}, 3^{21}, 2^{14}\})$	45812984490
6	$\mathcal{O}(0; \{6^{16}, 3^{24}, 2^{10}\})$	366503875926
6	$\mathcal{O}(0; \{6^{16}, 3^{27}, 2^6\})$	2932031007402
6	$\mathcal{O}(0; \{6^{16}, 3^{30}, 2^2\})$	23456248059222
6	$\mathcal{O}(0; \{6^{17}, 3, 2^{39}\})$	87382
6	$\mathcal{O}(0; \{6^{17}, 3^4, 2^{35}\})$	699050
6	$\mathcal{O}(0; \{6^{17}, 3^7, 2^{31}\})$	5592406

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{17}, 3^{10}, 2^{27}\})$	44739242
6	$\mathcal{O}(0; \{6^{17}, 3^{13}, 2^{23}\})$	357913942
6	$\mathcal{O}(0; \{6^{17}, 3^{16}, 2^{19}\})$	2863311530
6	$\mathcal{O}(0; \{6^{17}, 3^{19}, 2^{15}\})$	22906492246
6	$\mathcal{O}(0; \{6^{17}, 3^{22}, 2^{11}\})$	183251937962
6	$\mathcal{O}(0; \{6^{17}, 3^{25}, 2^7\})$	1466015503702
6	$\mathcal{O}(0; \{6^{17}, 3^{28}, 2^3\})$	11728124029610
6	$\mathcal{O}(0; \{6^{18}, 3^2, 2^{36}\})$	349526
6	$\mathcal{O}(0; \{6^{18}, 3^5, 2^{32}\})$	2796202
6	$\mathcal{O}(0; \{6^{18}, 3^8, 2^{28}\})$	22369622
6	$\mathcal{O}(0; \{6^{18}, 3^{11}, 2^{24}\})$	178956970
6	$\mathcal{O}(0; \{6^{18}, 3^{14}, 2^{20}\})$	1431655766
6	$\mathcal{O}(0; \{6^{18}, 3^{17}, 2^{16}\})$	11453246122
6	$\mathcal{O}(0; \{6^{18}, 3^{20}, 2^{12}\})$	91625968982
6	$\mathcal{O}(0; \{6^{18}, 3^{23}, 2^8\})$	733007751850
6	$\mathcal{O}(0; \{6^{18}, 3^{26}, 2^4\})$	5864062014806
6	$\mathcal{O}(0; \{6^{18}, 3^{29}\})$	46912496118442
6	$\mathcal{O}(0; \{6^{19}, 2^{37}\})$	174762
6	$\mathcal{O}(0; \{6^{19}, 3^3, 2^{33}\})$	1398102
6	$\mathcal{O}(0; \{6^{19}, 3^6, 2^{29}\})$	11184810
6	$\mathcal{O}(0; \{6^{19}, 3^9, 2^{25}\})$	89478486
6	$\mathcal{O}(0; \{6^{19}, 3^{12}, 2^{21}\})$	715827882
6	$\mathcal{O}(0; \{6^{19}, 3^{15}, 2^{17}\})$	5726623062
6	$\mathcal{O}(0; \{6^{19}, 3^{18}, 2^{13}\})$	45812984490
6	$\mathcal{O}(0; \{6^{19}, 3^{21}, 2^9\})$	366503875926
6	$\mathcal{O}(0; \{6^{19}, 3^{24}, 2^5\})$	2932031007402
6	$\mathcal{O}(0; \{6^{19}, 3^{27}, 2\})$	23456248059222
6	$\mathcal{O}(0; \{6^{20}, 3, 2^{34}\})$	699050
6	$\mathcal{O}(0; \{6^{20}, 3^4, 2^{30}\})$	5592406
6	$\mathcal{O}(0; \{6^{20}, 3^7, 2^{26}\})$	44739242
6	$\mathcal{O}(0; \{6^{20}, 3^{10}, 2^{22}\})$	357913942
6	$\mathcal{O}(0; \{6^{20}, 3^{13}, 2^{18}\})$	2863311530
6	$\mathcal{O}(0; \{6^{20}, 3^{16}, 2^{14}\})$	22906492246
6	$\mathcal{O}(0; \{6^{20}, 3^{19}, 2^{10}\})$	183251937962
6	$\mathcal{O}(0; \{6^{20}, 3^{22}, 2^6\})$	1466015503702
6	$\mathcal{O}(0; \{6^{20}, 3^{25}, 2^2\})$	11728124029610
6	$\mathcal{O}(0; \{6^{21}, 3^2, 2^{31}\})$	2796202
6	$\mathcal{O}(0; \{6^{21}, 3^5, 2^{27}\})$	22369622
6	$\mathcal{O}(0; \{6^{21}, 3^8, 2^{23}\})$	178956970
6	$\mathcal{O}(0; \{6^{21}, 3^{11}, 2^{19}\})$	1431655766
6	$\mathcal{O}(0; \{6^{21}, 3^{14}, 2^{15}\})$	11453246122
6	$\mathcal{O}(0; \{6^{21}, 3^{17}, 2^{11}\})$	91625968982
6	$\mathcal{O}(0; \{6^{21}, 3^{20}, 2^7\})$	733007751850

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{21}, 3^{23}, 2^3\})$	5864062014806
6	$\mathcal{O}(0; \{6^{22}, 2^{32}\})$	1398102
6	$\mathcal{O}(0; \{6^{22}, 3^3, 2^{28}\})$	11184810
6	$\mathcal{O}(0; \{6^{22}, 3^6, 2^{24}\})$	89478486
6	$\mathcal{O}(0; \{6^{22}, 3^9, 2^{20}\})$	715827882
6	$\mathcal{O}(0; \{6^{22}, 3^{12}, 2^{16}\})$	5726623062
6	$\mathcal{O}(0; \{6^{22}, 3^{15}, 2^{12}\})$	45812984490
6	$\mathcal{O}(0; \{6^{22}, 3^{18}, 2^8\})$	366503875926
6	$\mathcal{O}(0; \{6^{22}, 3^{21}, 2^4\})$	2932031007402
6	$\mathcal{O}(0; \{6^{22}, 3^{24}\})$	23456248059222
6	$\mathcal{O}(0; \{6^{23}, 3, 2^{29}\})$	5592406
6	$\mathcal{O}(0; \{6^{23}, 3^4, 2^{25}\})$	44739242
6	$\mathcal{O}(0; \{6^{23}, 3^7, 2^{21}\})$	357913942
6	$\mathcal{O}(0; \{6^{23}, 3^{10}, 2^{17}\})$	2863311530
6	$\mathcal{O}(0; \{6^{23}, 3^{13}, 2^{13}\})$	22906492246
6	$\mathcal{O}(0; \{6^{23}, 3^{16}, 2^9\})$	183251937962
6	$\mathcal{O}(0; \{6^{23}, 3^{19}, 2^5\})$	1466015503702
6	$\mathcal{O}(0; \{6^{23}, 3^{22}, 2\})$	11728124029610
6	$\mathcal{O}(0; \{6^{24}, 3^2, 2^{26}\})$	22369622
6	$\mathcal{O}(0; \{6^{24}, 3^5, 2^{22}\})$	178956970
6	$\mathcal{O}(0; \{6^{24}, 3^8, 2^{18}\})$	1431655766
6	$\mathcal{O}(0; \{6^{24}, 3^{11}, 2^{14}\})$	11453246122
6	$\mathcal{O}(0; \{6^{24}, 3^{14}, 2^{10}\})$	91625968982
6	$\mathcal{O}(0; \{6^{24}, 3^{17}, 2^6\})$	733007751850
6	$\mathcal{O}(0; \{6^{24}, 3^{20}, 2^2\})$	5864062014806
6	$\mathcal{O}(0; \{6^{25}, 2^{27}\})$	11184810
6	$\mathcal{O}(0; \{6^{25}, 3^3, 2^{23}\})$	89478486
6	$\mathcal{O}(0; \{6^{25}, 3^6, 2^{19}\})$	715827882
6	$\mathcal{O}(0; \{6^{25}, 3^9, 2^{15}\})$	5726623062
6	$\mathcal{O}(0; \{6^{25}, 3^{12}, 2^{11}\})$	45812984490
6	$\mathcal{O}(0; \{6^{25}, 3^{15}, 2^7\})$	366503875926
6	$\mathcal{O}(0; \{6^{25}, 3^{18}, 2^3\})$	2932031007402
6	$\mathcal{O}(0; \{6^{26}, 3, 2^{24}\})$	44739242
6	$\mathcal{O}(0; \{6^{26}, 3^4, 2^{20}\})$	357913942
6	$\mathcal{O}(0; \{6^{26}, 3^7, 2^{16}\})$	2863311530
6	$\mathcal{O}(0; \{6^{26}, 3^{10}, 2^{12}\})$	22906492246
6	$\mathcal{O}(0; \{6^{26}, 3^{13}, 2^8\})$	183251937962
6	$\mathcal{O}(0; \{6^{26}, 3^{16}, 2^4\})$	1466015503702
6	$\mathcal{O}(0; \{6^{26}, 3^{19}\})$	11728124029610
6	$\mathcal{O}(0; \{6^{27}, 3^2, 2^{21}\})$	178956970
6	$\mathcal{O}(0; \{6^{27}, 3^5, 2^{17}\})$	1431655766
6	$\mathcal{O}(0; \{6^{27}, 3^8, 2^{13}\})$	11453246122
6	$\mathcal{O}(0; \{6^{27}, 3^{11}, 2^9\})$	91625968982

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{27}, 3^{14}, 2^5\})$	733007751850
6	$\mathcal{O}(0; \{6^{27}, 3^{17}, 2\})$	5864062014806
6	$\mathcal{O}(0; \{6^{28}, 2^{22}\})$	89478486
6	$\mathcal{O}(0; \{6^{28}, 3^3, 2^{18}\})$	715827882
6	$\mathcal{O}(0; \{6^{28}, 3^6, 2^{14}\})$	5726623062
6	$\mathcal{O}(0; \{6^{28}, 3^9, 2^{10}\})$	45812984490
6	$\mathcal{O}(0; \{6^{28}, 3^{12}, 2^6\})$	366503875926
6	$\mathcal{O}(0; \{6^{28}, 3^{15}, 2^2\})$	2932031007402
6	$\mathcal{O}(0; \{6^{29}, 3, 2^{19}\})$	357913942
6	$\mathcal{O}(0; \{6^{29}, 3^4, 2^{15}\})$	2863311530
6	$\mathcal{O}(0; \{6^{29}, 3^7, 2^{11}\})$	22906492246
6	$\mathcal{O}(0; \{6^{29}, 3^{10}, 2^7\})$	183251937962
6	$\mathcal{O}(0; \{6^{29}, 3^{13}, 2^3\})$	1466015503702
6	$\mathcal{O}(0; \{6^{30}, 3^2, 2^{16}\})$	1431655766
6	$\mathcal{O}(0; \{6^{30}, 3^5, 2^{12}\})$	11453246122
6	$\mathcal{O}(0; \{6^{30}, 3^8, 2^8\})$	91625968982
6	$\mathcal{O}(0; \{6^{30}, 3^{11}, 2^4\})$	733007751850
6	$\mathcal{O}(0; \{6^{30}, 3^{14}\})$	5864062014806
6	$\mathcal{O}(0; \{6^{31}, 2^{17}\})$	715827882
6	$\mathcal{O}(0; \{6^{31}, 3^3, 2^{13}\})$	5726623062
6	$\mathcal{O}(0; \{6^{31}, 3^6, 2^9\})$	45812984490
6	$\mathcal{O}(0; \{6^{31}, 3^9, 2^5\})$	366503875926
6	$\mathcal{O}(0; \{6^{31}, 3^{12}, 2\})$	2932031007402
6	$\mathcal{O}(0; \{6^{32}, 3, 2^{14}\})$	2863311530
6	$\mathcal{O}(0; \{6^{32}, 3^4, 2^{10}\})$	22906492246
6	$\mathcal{O}(0; \{6^{32}, 3^7, 2^6\})$	183251937962
6	$\mathcal{O}(0; \{6^{32}, 3^{10}, 2^2\})$	1466015503702
6	$\mathcal{O}(0; \{6^{33}, 3^2, 2^{11}\})$	11453246122
6	$\mathcal{O}(0; \{6^{33}, 3^5, 2^7\})$	91625968982
6	$\mathcal{O}(0; \{6^{33}, 3^8, 2^3\})$	733007751850
6	$\mathcal{O}(0; \{6^{34}, 2^{12}\})$	5726623062
6	$\mathcal{O}(0; \{6^{34}, 3^3, 2^8\})$	45812984490
6	$\mathcal{O}(0; \{6^{34}, 3^6, 2^4\})$	366503875926
6	$\mathcal{O}(0; \{6^{34}, 3^9\})$	2932031007402
6	$\mathcal{O}(0; \{6^{35}, 3, 2^9\})$	22906492246
6	$\mathcal{O}(0; \{6^{35}, 3^4, 2^5\})$	183251937962
6	$\mathcal{O}(0; \{6^{35}, 3^7, 2\})$	1466015503702
6	$\mathcal{O}(0; \{6^{36}, 3^2, 2^6\})$	91625968982
6	$\mathcal{O}(0; \{6^{36}, 3^5, 2^2\})$	733007751850
6	$\mathcal{O}(0; \{6^{37}, 2^7\})$	45812984490
6	$\mathcal{O}(0; \{6^{37}, 3^3, 2^3\})$	366503875926
6	$\mathcal{O}(0; \{6^{38}, 3, 2^4\})$	183251937962
6	$\mathcal{O}(0; \{6^{38}, 3^4\})$	1466015503702

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{39}, 3^2, 2\})$	733007751850
6	$\mathcal{O}(0; \{6^{40}, 2^2\})$	366503875926
7	$\mathcal{O}(14; \{7^2\})$	2759919219268439765860806
7	$\mathcal{O}(11; \{7^9\})$	5628852069013470404503830
7	$\mathcal{O}(8; \{7^{16}\})$	13393392811985449722894666
7	$\mathcal{O}(5; \{7^{23}\})$	31868463057127427728835670
7	$\mathcal{O}(2; \{7^{30}\})$	75828354464211541759625226
8	$\mathcal{O}(12; \{8^2, 2\})$	18889465931478580854784
8	$\mathcal{O}(11; \{8^2, 2^5\})$	295147905179352825856
8	$\mathcal{O}(11; \{8^2, 4^2, 2^2\})$	1180591620717411303424
8	$\mathcal{O}(11; \{8^4, 4\})$	9444732965739290427392
8	$\mathcal{O}(10; \{8^2, 2^9\})$	4611686018427387904
8	$\mathcal{O}(10; \{8^2, 4^2, 2^6\})$	18446744073709551616
8	$\mathcal{O}(10; \{8^2, 4^4, 2^3\})$	73786976294838206464
8	$\mathcal{O}(10; \{8^2, 4^6\})$	295147905179352825856
8	$\mathcal{O}(10; \{8^4, 4, 2^4\})$	147573952589676412928
8	$\mathcal{O}(10; \{8^4, 4^3, 2\})$	590295810358705651712
8	$\mathcal{O}(10; \{8^6, 2^2\})$	1180591620717411303424
8	$\mathcal{O}(9; \{8^2, 2^{13}\})$	72057594037927936
8	$\mathcal{O}(9; \{8^2, 4^2, 2^{10}\})$	288230376151711744
8	$\mathcal{O}(9; \{8^2, 4^4, 2^7\})$	1152921504606846976
8	$\mathcal{O}(9; \{8^2, 4^6, 2^4\})$	4611686018427387904
8	$\mathcal{O}(9; \{8^2, 4^8, 2\})$	18446744073709551616
8	$\mathcal{O}(9; \{8^4, 4, 2^8\})$	2305843009213693952
8	$\mathcal{O}(9; \{8^4, 4^3, 2^5\})$	9223372036854775808
8	$\mathcal{O}(9; \{8^4, 4^5, 2^2\})$	36893488147419103232
8	$\mathcal{O}(9; \{8^6, 2^6\})$	18446744073709551616
8	$\mathcal{O}(9; \{8^6, 4^2, 2^3\})$	73786976294838206464
8	$\mathcal{O}(9; \{8^6, 4^4\})$	295147905179352825856
8	$\mathcal{O}(9; \{8^8, 4, 2\})$	590295810358705651712
8	$\mathcal{O}(8; \{8^2, 2^{17}\})$	1125899906842624
8	$\mathcal{O}(8; \{8^2, 4^2, 2^{14}\})$	4503599627370496
8	$\mathcal{O}(8; \{8^2, 4^4, 2^{11}\})$	18014398509481984
8	$\mathcal{O}(8; \{8^2, 4^6, 2^8\})$	72057594037927936
8	$\mathcal{O}(8; \{8^2, 4^8, 2^5\})$	288230376151711744
8	$\mathcal{O}(8; \{8^2, 4^{10}, 2^2\})$	1152921504606846976
8	$\mathcal{O}(8; \{8^4, 4, 2^{12}\})$	36028797018963968
8	$\mathcal{O}(8; \{8^4, 4^3, 2^9\})$	144115188075855872
8	$\mathcal{O}(8; \{8^4, 4^5, 2^6\})$	576460752303423488
8	$\mathcal{O}(8; \{8^4, 4^7, 2^3\})$	2305843009213693952
8	$\mathcal{O}(8; \{8^4, 4^9\})$	9223372036854775808
8	$\mathcal{O}(8; \{8^6, 2^{10}\})$	288230376151711744
8	$\mathcal{O}(8; \{8^6, 4^2, 2^7\})$	1152921504606846976

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(8; \{8^6, 4^4, 2^4\})$	4611686018427387904
8	$\mathcal{O}(8; \{8^6, 4^6, 2\})$	18446744073709551616
8	$\mathcal{O}(8; \{8^8, 4, 2^5\})$	9223372036854775808
8	$\mathcal{O}(8; \{8^8, 4^3, 2^2\})$	36893488147419103232
8	$\mathcal{O}(8; \{8^{10}, 2^3\})$	73786976294838206464
8	$\mathcal{O}(8; \{8^{10}, 4^2\})$	295147905179352825856
8	$\mathcal{O}(7; \{8^2, 2^{21}\})$	17592186044416
8	$\mathcal{O}(7; \{8^2, 4^2, 2^{18}\})$	70368744177664
8	$\mathcal{O}(7; \{8^2, 4^4, 2^{15}\})$	281474976710656
8	$\mathcal{O}(7; \{8^2, 4^6, 2^{12}\})$	1125899906842624
8	$\mathcal{O}(7; \{8^2, 4^8, 2^9\})$	4503599627370496
8	$\mathcal{O}(7; \{8^2, 4^{10}, 2^6\})$	18014398509481984
8	$\mathcal{O}(7; \{8^2, 4^{12}, 2^3\})$	72057594037927936
8	$\mathcal{O}(7; \{8^2, 4^{14}\})$	288230376151711744
8	$\mathcal{O}(7; \{8^4, 4, 2^{16}\})$	562949953421312
8	$\mathcal{O}(7; \{8^4, 4^3, 2^{13}\})$	2251799813685248
8	$\mathcal{O}(7; \{8^4, 4^5, 2^{10}\})$	9007199254740992
8	$\mathcal{O}(7; \{8^4, 4^7, 2^7\})$	36028797018963968
8	$\mathcal{O}(7; \{8^4, 4^9, 2^4\})$	144115188075855872
8	$\mathcal{O}(7; \{8^4, 4^{11}, 2\})$	576460752303423488
8	$\mathcal{O}(7; \{8^6, 2^{14}\})$	4503599627370496
8	$\mathcal{O}(7; \{8^6, 4^2, 2^{11}\})$	18014398509481984
8	$\mathcal{O}(7; \{8^6, 4^4, 2^8\})$	72057594037927936
8	$\mathcal{O}(7; \{8^6, 4^6, 2^5\})$	288230376151711744
8	$\mathcal{O}(7; \{8^6, 4^8, 2^2\})$	1152921504606846976
8	$\mathcal{O}(7; \{8^8, 4, 2^9\})$	144115188075855872
8	$\mathcal{O}(7; \{8^8, 4^3, 2^6\})$	576460752303423488
8	$\mathcal{O}(7; \{8^8, 4^5, 2^3\})$	2305843009213693952
8	$\mathcal{O}(7; \{8^8, 4^7\})$	9223372036854775808
8	$\mathcal{O}(7; \{8^{10}, 2^7\})$	1152921504606846976
8	$\mathcal{O}(7; \{8^{10}, 4^2, 2^4\})$	4611686018427387904
8	$\mathcal{O}(7; \{8^{10}, 4^4, 2\})$	18446744073709551616
8	$\mathcal{O}(7; \{8^{12}, 4, 2^2\})$	36893488147419103232
8	$\mathcal{O}(7; \{8^{14}\})$	295147905179352825856
8	$\mathcal{O}(6; \{8^2, 2^{25}\})$	274877906944
8	$\mathcal{O}(6; \{8^2, 4^2, 2^{22}\})$	1099511627776
8	$\mathcal{O}(6; \{8^2, 4^4, 2^{19}\})$	4398046511104
8	$\mathcal{O}(6; \{8^2, 4^6, 2^{16}\})$	17592186044416
8	$\mathcal{O}(6; \{8^2, 4^8, 2^{13}\})$	70368744177664
8	$\mathcal{O}(6; \{8^2, 4^{10}, 2^{10}\})$	281474976710656
8	$\mathcal{O}(6; \{8^2, 4^{12}, 2^7\})$	1125899906842624
8	$\mathcal{O}(6; \{8^2, 4^{14}, 2^4\})$	4503599627370496
8	$\mathcal{O}(6; \{8^2, 4^{16}, 2\})$	18014398509481984

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(6; \{8^4, 4, 2^{20}\})$	8796093022208
8	$\mathcal{O}(6; \{8^4, 4^3, 2^{17}\})$	35184372088832
8	$\mathcal{O}(6; \{8^4, 4^5, 2^{14}\})$	140737488355328
8	$\mathcal{O}(6; \{8^4, 4^7, 2^{11}\})$	562949953421312
8	$\mathcal{O}(6; \{8^4, 4^9, 2^8\})$	2251799813685248
8	$\mathcal{O}(6; \{8^4, 4^{11}, 2^5\})$	9007199254740992
8	$\mathcal{O}(6; \{8^4, 4^{13}, 2^2\})$	36028797018963968
8	$\mathcal{O}(6; \{8^6, 2^{18}\})$	70368744177664
8	$\mathcal{O}(6; \{8^6, 4^2, 2^{15}\})$	281474976710656
8	$\mathcal{O}(6; \{8^6, 4^4, 2^{12}\})$	1125899906842624
8	$\mathcal{O}(6; \{8^6, 4^6, 2^9\})$	4503599627370496
8	$\mathcal{O}(6; \{8^6, 4^8, 2^6\})$	18014398509481984
8	$\mathcal{O}(6; \{8^6, 4^{10}, 2^3\})$	72057594037927936
8	$\mathcal{O}(6; \{8^6, 4^{12}\})$	288230376151711744
8	$\mathcal{O}(6; \{8^8, 4, 2^{13}\})$	2251799813685248
8	$\mathcal{O}(6; \{8^8, 4^3, 2^{10}\})$	9007199254740992
8	$\mathcal{O}(6; \{8^8, 4^5, 2^7\})$	36028797018963968
8	$\mathcal{O}(6; \{8^8, 4^7, 2^4\})$	144115188075855872
8	$\mathcal{O}(6; \{8^8, 4^9, 2\})$	576460752303423488
8	$\mathcal{O}(6; \{8^{10}, 2^{11}\})$	18014398509481984
8	$\mathcal{O}(6; \{8^{10}, 4^2, 2^8\})$	72057594037927936
8	$\mathcal{O}(6; \{8^{10}, 4^4, 2^5\})$	288230376151711744
8	$\mathcal{O}(6; \{8^{10}, 4^6, 2^2\})$	1152921504606846976
8	$\mathcal{O}(6; \{8^{12}, 4, 2^6\})$	576460752303423488
8	$\mathcal{O}(6; \{8^{12}, 4^3, 2^3\})$	2305843009213693952
8	$\mathcal{O}(6; \{8^{12}, 4^5\})$	9223372036854775808
8	$\mathcal{O}(6; \{8^{14}, 2^4\})$	4611686018427387904
8	$\mathcal{O}(6; \{8^{14}, 4^2, 2\})$	18446744073709551616
8	$\mathcal{O}(5; \{8^2, 2^{29}\})$	4294967296
8	$\mathcal{O}(5; \{8^2, 4^2, 2^{26}\})$	17179869184
8	$\mathcal{O}(5; \{8^2, 4^4, 2^{23}\})$	68719476736
8	$\mathcal{O}(5; \{8^2, 4^6, 2^{20}\})$	274877906944
8	$\mathcal{O}(5; \{8^2, 4^8, 2^{17}\})$	1099511627776
8	$\mathcal{O}(5; \{8^2, 4^{10}, 2^{14}\})$	4398046511104
8	$\mathcal{O}(5; \{8^2, 4^{12}, 2^{11}\})$	17592186044416
8	$\mathcal{O}(5; \{8^2, 4^{14}, 2^8\})$	70368744177664
8	$\mathcal{O}(5; \{8^2, 4^{16}, 2^5\})$	281474976710656
8	$\mathcal{O}(5; \{8^2, 4^{18}, 2^2\})$	1125899906842624
8	$\mathcal{O}(5; \{8^4, 4, 2^{24}\})$	137438953472
8	$\mathcal{O}(5; \{8^4, 4^3, 2^{21}\})$	549755813888
8	$\mathcal{O}(5; \{8^4, 4^5, 2^{18}\})$	2199023255552
8	$\mathcal{O}(5; \{8^4, 4^7, 2^{15}\})$	8796093022208
8	$\mathcal{O}(5; \{8^4, 4^9, 2^{12}\})$	35184372088832

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(5; \{8^4, 4^{11}, 2^9\})$	140737488355328
8	$\mathcal{O}(5; \{8^4, 4^{13}, 2^6\})$	562949953421312
8	$\mathcal{O}(5; \{8^4, 4^{15}, 2^3\})$	2251799813685248
8	$\mathcal{O}(5; \{8^4, 4^{17}\})$	9007199254740992
8	$\mathcal{O}(5; \{8^6, 2^{22}\})$	1099511627776
8	$\mathcal{O}(5; \{8^6, 4^2, 2^{19}\})$	4398046511104
8	$\mathcal{O}(5; \{8^6, 4^4, 2^{16}\})$	17592186044416
8	$\mathcal{O}(5; \{8^6, 4^6, 2^{13}\})$	70368744177664
8	$\mathcal{O}(5; \{8^6, 4^8, 2^{10}\})$	281474976710656
8	$\mathcal{O}(5; \{8^6, 4^{10}, 2^7\})$	1125899906842624
8	$\mathcal{O}(5; \{8^6, 4^{12}, 2^4\})$	4503599627370496
8	$\mathcal{O}(5; \{8^6, 4^{14}, 2\})$	18014398509481984
8	$\mathcal{O}(5; \{8^8, 4, 2^{17}\})$	35184372088832
8	$\mathcal{O}(5; \{8^8, 4^3, 2^{14}\})$	140737488355328
8	$\mathcal{O}(5; \{8^8, 4^5, 2^{11}\})$	562949953421312
8	$\mathcal{O}(5; \{8^8, 4^7, 2^8\})$	2251799813685248
8	$\mathcal{O}(5; \{8^8, 4^9, 2^5\})$	9007199254740992
8	$\mathcal{O}(5; \{8^8, 4^{11}, 2^2\})$	36028797018963968
8	$\mathcal{O}(5; \{8^{10}, 2^{15}\})$	281474976710656
8	$\mathcal{O}(5; \{8^{10}, 4^2, 2^{12}\})$	1125899906842624
8	$\mathcal{O}(5; \{8^{10}, 4^4, 2^9\})$	4503599627370496
8	$\mathcal{O}(5; \{8^{10}, 4^6, 2^6\})$	18014398509481984
8	$\mathcal{O}(5; \{8^{10}, 4^8, 2^3\})$	72057594037927936
8	$\mathcal{O}(5; \{8^{10}, 4^{10}\})$	288230376151711744
8	$\mathcal{O}(5; \{8^{12}, 4, 2^{10}\})$	9007199254740992
8	$\mathcal{O}(5; \{8^{12}, 4^3, 2^7\})$	36028797018963968
8	$\mathcal{O}(5; \{8^{12}, 4^5, 2^4\})$	144115188075855872
8	$\mathcal{O}(5; \{8^{12}, 4^7, 2\})$	576460752303423488
8	$\mathcal{O}(5; \{8^{14}, 2^8\})$	72057594037927936
8	$\mathcal{O}(5; \{8^{14}, 4^2, 2^5\})$	288230376151711744
8	$\mathcal{O}(5; \{8^{14}, 4^4, 2^2\})$	1152921504606846976
8	$\mathcal{O}(5; \{8^{16}, 4, 2^3\})$	2305843009213693952
8	$\mathcal{O}(5; \{8^{16}, 4^3\})$	9223372036854775808
8	$\mathcal{O}(5; \{8^{18}, 2\})$	18446744073709551616
8	$\mathcal{O}(4; \{8^2, 2^{33}\})$	67108864
8	$\mathcal{O}(4; \{8^2, 4^2, 2^{30}\})$	268435456
8	$\mathcal{O}(4; \{8^2, 4^4, 2^{27}\})$	1073741824
8	$\mathcal{O}(4; \{8^2, 4^6, 2^{24}\})$	4294967296
8	$\mathcal{O}(4; \{8^2, 4^8, 2^{21}\})$	17179869184
8	$\mathcal{O}(4; \{8^2, 4^{10}, 2^{18}\})$	68719476736
8	$\mathcal{O}(4; \{8^2, 4^{12}, 2^{15}\})$	274877906944
8	$\mathcal{O}(4; \{8^2, 4^{14}, 2^{12}\})$	1099511627776
8	$\mathcal{O}(4; \{8^2, 4^{16}, 2^9\})$	4398046511104

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(4; \{8^2, 4^{18}, 2^6\})$	17592186044416
8	$\mathcal{O}(4; \{8^2, 4^{20}, 2^3\})$	70368744177664
8	$\mathcal{O}(4; \{8^2, 4^{22}\})$	281474976710656
8	$\mathcal{O}(4; \{8^4, 4, 2^{28}\})$	2147483648
8	$\mathcal{O}(4; \{8^4, 4^3, 2^{25}\})$	8589934592
8	$\mathcal{O}(4; \{8^4, 4^5, 2^{22}\})$	34359738368
8	$\mathcal{O}(4; \{8^4, 4^7, 2^{19}\})$	137438953472
8	$\mathcal{O}(4; \{8^4, 4^9, 2^{16}\})$	549755813888
8	$\mathcal{O}(4; \{8^4, 4^{11}, 2^{13}\})$	2199023255552
8	$\mathcal{O}(4; \{8^4, 4^{13}, 2^{10}\})$	8796093022208
8	$\mathcal{O}(4; \{8^4, 4^{15}, 2^7\})$	35184372088832
8	$\mathcal{O}(4; \{8^4, 4^{17}, 2^4\})$	140737488355328
8	$\mathcal{O}(4; \{8^4, 4^{19}, 2\})$	562949953421312
8	$\mathcal{O}(4; \{8^6, 2^{26}\})$	17179869184
8	$\mathcal{O}(4; \{8^6, 4^2, 2^{23}\})$	68719476736
8	$\mathcal{O}(4; \{8^6, 4^4, 2^{20}\})$	274877906944
8	$\mathcal{O}(4; \{8^6, 4^6, 2^{17}\})$	1099511627776
8	$\mathcal{O}(4; \{8^6, 4^8, 2^{14}\})$	4398046511104
8	$\mathcal{O}(4; \{8^6, 4^{10}, 2^{11}\})$	17592186044416
8	$\mathcal{O}(4; \{8^6, 4^{12}, 2^8\})$	70368744177664
8	$\mathcal{O}(4; \{8^6, 4^{14}, 2^5\})$	281474976710656
8	$\mathcal{O}(4; \{8^6, 4^{16}, 2^2\})$	1125899906842624
8	$\mathcal{O}(4; \{8^8, 4, 2^{21}\})$	549755813888
8	$\mathcal{O}(4; \{8^8, 4^3, 2^{18}\})$	2199023255552
8	$\mathcal{O}(4; \{8^8, 4^5, 2^{15}\})$	8796093022208
8	$\mathcal{O}(4; \{8^8, 4^7, 2^{12}\})$	35184372088832
8	$\mathcal{O}(4; \{8^8, 4^9, 2^9\})$	140737488355328
8	$\mathcal{O}(4; \{8^8, 4^{11}, 2^6\})$	562949953421312
8	$\mathcal{O}(4; \{8^8, 4^{13}, 2^3\})$	2251799813685248
8	$\mathcal{O}(4; \{8^8, 4^{15}\})$	9007199254740992
8	$\mathcal{O}(4; \{8^{10}, 2^{19}\})$	4398046511104
8	$\mathcal{O}(4; \{8^{10}, 4^2, 2^{16}\})$	17592186044416
8	$\mathcal{O}(4; \{8^{10}, 4^4, 2^{13}\})$	70368744177664
8	$\mathcal{O}(4; \{8^{10}, 4^6, 2^{10}\})$	281474976710656
8	$\mathcal{O}(4; \{8^{10}, 4^8, 2^7\})$	1125899906842624
8	$\mathcal{O}(4; \{8^{10}, 4^{10}, 2^4\})$	4503599627370496
8	$\mathcal{O}(4; \{8^{10}, 4^{12}, 2\})$	18014398509481984
8	$\mathcal{O}(4; \{8^{12}, 4, 2^{14}\})$	140737488355328
8	$\mathcal{O}(4; \{8^{12}, 4^3, 2^{11}\})$	562949953421312
8	$\mathcal{O}(4; \{8^{12}, 4^5, 2^8\})$	2251799813685248
8	$\mathcal{O}(4; \{8^{12}, 4^7, 2^5\})$	9007199254740992
8	$\mathcal{O}(4; \{8^{12}, 4^9, 2^2\})$	36028797018963968
8	$\mathcal{O}(4; \{8^{14}, 2^{12}\})$	1125899906842624

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(4; \{8^{14}, 4^2, 2^9\})$	4503599627370496
8	$\mathcal{O}(4; \{8^{14}, 4^4, 2^6\})$	18014398509481984
8	$\mathcal{O}(4; \{8^{14}, 4^6, 2^3\})$	72057594037927936
8	$\mathcal{O}(4; \{8^{14}, 4^8\})$	288230376151711744
8	$\mathcal{O}(4; \{8^{16}, 4, 2^7\})$	36028797018963968
8	$\mathcal{O}(4; \{8^{16}, 4^3, 2^4\})$	144115188075855872
8	$\mathcal{O}(4; \{8^{16}, 4^5, 2\})$	576460752303423488
8	$\mathcal{O}(4; \{8^{18}, 2^5\})$	288230376151711744
8	$\mathcal{O}(4; \{8^{18}, 4^2, 2^2\})$	1152921504606846976
8	$\mathcal{O}(4; \{8^{20}, 4\})$	9223372036854775808
8	$\mathcal{O}(3; \{8^2, 2^{37}\})$	1048576
8	$\mathcal{O}(3; \{8^2, 4^2, 2^{34}\})$	4194304
8	$\mathcal{O}(3; \{8^2, 4^4, 2^{31}\})$	16777216
8	$\mathcal{O}(3; \{8^2, 4^6, 2^{28}\})$	67108864
8	$\mathcal{O}(3; \{8^2, 4^8, 2^{25}\})$	268435456
8	$\mathcal{O}(3; \{8^2, 4^{10}, 2^{22}\})$	1073741824
8	$\mathcal{O}(3; \{8^2, 4^{12}, 2^{19}\})$	4294967296
8	$\mathcal{O}(3; \{8^2, 4^{14}, 2^{16}\})$	17179869184
8	$\mathcal{O}(3; \{8^2, 4^{16}, 2^{13}\})$	68719476736
8	$\mathcal{O}(3; \{8^2, 4^{18}, 2^{10}\})$	274877906944
8	$\mathcal{O}(3; \{8^2, 4^{20}, 2^7\})$	1099511627776
8	$\mathcal{O}(3; \{8^2, 4^{22}, 2^4\})$	4398046511104
8	$\mathcal{O}(3; \{8^2, 4^{24}, 2\})$	17592186044416
8	$\mathcal{O}(3; \{8^4, 4, 2^{32}\})$	33554432
8	$\mathcal{O}(3; \{8^4, 4^3, 2^{29}\})$	134217728
8	$\mathcal{O}(3; \{8^4, 4^5, 2^{26}\})$	536870912
8	$\mathcal{O}(3; \{8^4, 4^7, 2^{23}\})$	2147483648
8	$\mathcal{O}(3; \{8^4, 4^9, 2^{20}\})$	8589934592
8	$\mathcal{O}(3; \{8^4, 4^{11}, 2^{17}\})$	34359738368
8	$\mathcal{O}(3; \{8^4, 4^{13}, 2^{14}\})$	137438953472
8	$\mathcal{O}(3; \{8^4, 4^{15}, 2^{11}\})$	549755813888
8	$\mathcal{O}(3; \{8^4, 4^{17}, 2^8\})$	2199023255552
8	$\mathcal{O}(3; \{8^4, 4^{19}, 2^5\})$	8796093022208
8	$\mathcal{O}(3; \{8^4, 4^{21}, 2^2\})$	35184372088832
8	$\mathcal{O}(3; \{8^6, 2^{30}\})$	268435456
8	$\mathcal{O}(3; \{8^6, 4^2, 2^{27}\})$	1073741824
8	$\mathcal{O}(3; \{8^6, 4^4, 2^{24}\})$	4294967296
8	$\mathcal{O}(3; \{8^6, 4^6, 2^{21}\})$	17179869184
8	$\mathcal{O}(3; \{8^6, 4^8, 2^{18}\})$	68719476736
8	$\mathcal{O}(3; \{8^6, 4^{10}, 2^{15}\})$	274877906944
8	$\mathcal{O}(3; \{8^6, 4^{12}, 2^{12}\})$	1099511627776
8	$\mathcal{O}(3; \{8^6, 4^{14}, 2^9\})$	4398046511104
8	$\mathcal{O}(3; \{8^6, 4^{16}, 2^6\})$	17592186044416

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(3; \{8^6, 4^{18}, 2^3\})$	70368744177664
8	$\mathcal{O}(3; \{8^6, 4^{20}\})$	281474976710656
8	$\mathcal{O}(3; \{8^8, 4, 2^{25}\})$	8589934592
8	$\mathcal{O}(3; \{8^8, 4^3, 2^{22}\})$	34359738368
8	$\mathcal{O}(3; \{8^8, 4^5, 2^{19}\})$	137438953472
8	$\mathcal{O}(3; \{8^8, 4^7, 2^{16}\})$	549755813888
8	$\mathcal{O}(3; \{8^8, 4^9, 2^{13}\})$	2199023255552
8	$\mathcal{O}(3; \{8^8, 4^{11}, 2^{10}\})$	8796093022208
8	$\mathcal{O}(3; \{8^8, 4^{13}, 2^7\})$	35184372088832
8	$\mathcal{O}(3; \{8^8, 4^{15}, 2^4\})$	140737488355328
8	$\mathcal{O}(3; \{8^8, 4^{17}, 2\})$	562949953421312
8	$\mathcal{O}(3; \{8^{10}, 2^{23}\})$	68719476736
8	$\mathcal{O}(3; \{8^{10}, 4^2, 2^{20}\})$	274877906944
8	$\mathcal{O}(3; \{8^{10}, 4^4, 2^{17}\})$	1099511627776
8	$\mathcal{O}(3; \{8^{10}, 4^6, 2^{14}\})$	4398046511104
8	$\mathcal{O}(3; \{8^{10}, 4^8, 2^{11}\})$	17592186044416
8	$\mathcal{O}(3; \{8^{10}, 4^{10}, 2^8\})$	70368744177664
8	$\mathcal{O}(3; \{8^{10}, 4^{12}, 2^5\})$	281474976710656
8	$\mathcal{O}(3; \{8^{10}, 4^{14}, 2^2\})$	1125899906842624
8	$\mathcal{O}(3; \{8^{12}, 4, 2^{18}\})$	2199023255552
8	$\mathcal{O}(3; \{8^{12}, 4^3, 2^{15}\})$	8796093022208
8	$\mathcal{O}(3; \{8^{12}, 4^5, 2^{12}\})$	35184372088832
8	$\mathcal{O}(3; \{8^{12}, 4^7, 2^9\})$	140737488355328
8	$\mathcal{O}(3; \{8^{12}, 4^9, 2^6\})$	562949953421312
8	$\mathcal{O}(3; \{8^{12}, 4^{11}, 2^3\})$	2251799813685248
8	$\mathcal{O}(3; \{8^{12}, 4^{13}\})$	9007199254740992
8	$\mathcal{O}(3; \{8^{14}, 2^{16}\})$	17592186044416
8	$\mathcal{O}(3; \{8^{14}, 4^2, 2^{13}\})$	70368744177664
8	$\mathcal{O}(3; \{8^{14}, 4^4, 2^{10}\})$	281474976710656
8	$\mathcal{O}(3; \{8^{14}, 4^6, 2^7\})$	1125899906842624
8	$\mathcal{O}(3; \{8^{14}, 4^8, 2^4\})$	4503599627370496
8	$\mathcal{O}(3; \{8^{14}, 4^{10}, 2\})$	18014398509481984
8	$\mathcal{O}(3; \{8^{16}, 4, 2^{11}\})$	562949953421312
8	$\mathcal{O}(3; \{8^{16}, 4^3, 2^8\})$	2251799813685248
8	$\mathcal{O}(3; \{8^{16}, 4^5, 2^5\})$	9007199254740992
8	$\mathcal{O}(3; \{8^{16}, 4^7, 2^2\})$	36028797018963968
8	$\mathcal{O}(3; \{8^{18}, 2^9\})$	4503599627370496
8	$\mathcal{O}(3; \{8^{18}, 4^2, 2^6\})$	18014398509481984
8	$\mathcal{O}(3; \{8^{18}, 4^4, 2^3\})$	72057594037927936
8	$\mathcal{O}(3; \{8^{18}, 4^6\})$	288230376151711744
8	$\mathcal{O}(3; \{8^{20}, 4, 2^4\})$	144115188075855872
8	$\mathcal{O}(3; \{8^{20}, 4^3, 2\})$	576460752303423488
8	$\mathcal{O}(3; \{8^{22}, 2^2\})$	1152921504606846976

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{8^2, 2^{41}\})$	16384
8	$\mathcal{O}(2; \{8^2, 4^2, 2^{38}\})$	65536
8	$\mathcal{O}(2; \{8^2, 4^4, 2^{35}\})$	262144
8	$\mathcal{O}(2; \{8^2, 4^6, 2^{32}\})$	1048576
8	$\mathcal{O}(2; \{8^2, 4^8, 2^{29}\})$	4194304
8	$\mathcal{O}(2; \{8^2, 4^{10}, 2^{26}\})$	16777216
8	$\mathcal{O}(2; \{8^2, 4^{12}, 2^{23}\})$	67108864
8	$\mathcal{O}(2; \{8^2, 4^{14}, 2^{20}\})$	268435456
8	$\mathcal{O}(2; \{8^2, 4^{16}, 2^{17}\})$	1073741824
8	$\mathcal{O}(2; \{8^2, 4^{18}, 2^{14}\})$	4294967296
8	$\mathcal{O}(2; \{8^2, 4^{20}, 2^{11}\})$	17179869184
8	$\mathcal{O}(2; \{8^2, 4^{22}, 2^8\})$	68719476736
8	$\mathcal{O}(2; \{8^2, 4^{24}, 2^5\})$	274877906944
8	$\mathcal{O}(2; \{8^2, 4^{26}, 2^2\})$	1099511627776
8	$\mathcal{O}(2; \{8^4, 4, 2^{36}\})$	524288
8	$\mathcal{O}(2; \{8^4, 4^3, 2^{33}\})$	2097152
8	$\mathcal{O}(2; \{8^4, 4^5, 2^{30}\})$	8388608
8	$\mathcal{O}(2; \{8^4, 4^7, 2^{27}\})$	33554432
8	$\mathcal{O}(2; \{8^4, 4^9, 2^{24}\})$	134217728
8	$\mathcal{O}(2; \{8^4, 4^{11}, 2^{21}\})$	536870912
8	$\mathcal{O}(2; \{8^4, 4^{13}, 2^{18}\})$	2147483648
8	$\mathcal{O}(2; \{8^4, 4^{15}, 2^{15}\})$	8589934592
8	$\mathcal{O}(2; \{8^4, 4^{17}, 2^{12}\})$	34359738368
8	$\mathcal{O}(2; \{8^4, 4^{19}, 2^9\})$	137438953472
8	$\mathcal{O}(2; \{8^4, 4^{21}, 2^6\})$	549755813888
8	$\mathcal{O}(2; \{8^4, 4^{23}, 2^3\})$	2199023255552
8	$\mathcal{O}(2; \{8^4, 4^{25}\})$	8796093022208
8	$\mathcal{O}(2; \{8^6, 2^{34}\})$	4194304
8	$\mathcal{O}(2; \{8^6, 4^2, 2^{31}\})$	16777216
8	$\mathcal{O}(2; \{8^6, 4^4, 2^{28}\})$	67108864
8	$\mathcal{O}(2; \{8^6, 4^6, 2^{25}\})$	268435456
8	$\mathcal{O}(2; \{8^6, 4^8, 2^{22}\})$	1073741824
8	$\mathcal{O}(2; \{8^6, 4^{10}, 2^{19}\})$	4294967296
8	$\mathcal{O}(2; \{8^6, 4^{12}, 2^{16}\})$	17179869184
8	$\mathcal{O}(2; \{8^6, 4^{14}, 2^{13}\})$	68719476736
8	$\mathcal{O}(2; \{8^6, 4^{16}, 2^{10}\})$	274877906944
8	$\mathcal{O}(2; \{8^6, 4^{18}, 2^7\})$	1099511627776
8	$\mathcal{O}(2; \{8^6, 4^{20}, 2^4\})$	4398046511104
8	$\mathcal{O}(2; \{8^6, 4^{22}, 2\})$	17592186044416
8	$\mathcal{O}(2; \{8^8, 4, 2^{29}\})$	134217728
8	$\mathcal{O}(2; \{8^8, 4^3, 2^{26}\})$	536870912
8	$\mathcal{O}(2; \{8^8, 4^5, 2^{23}\})$	2147483648
8	$\mathcal{O}(2; \{8^8, 4^7, 2^{20}\})$	8589934592

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{8^8, 4^9, 2^{17}\})$	34359738368
8	$\mathcal{O}(2; \{8^8, 4^{11}, 2^{14}\})$	137438953472
8	$\mathcal{O}(2; \{8^8, 4^{13}, 2^{11}\})$	549755813888
8	$\mathcal{O}(2; \{8^8, 4^{15}, 2^8\})$	2199023255552
8	$\mathcal{O}(2; \{8^8, 4^{17}, 2^5\})$	8796093022208
8	$\mathcal{O}(2; \{8^8, 4^{19}, 2^2\})$	35184372088832
8	$\mathcal{O}(2; \{8^{10}, 2^{27}\})$	1073741824
8	$\mathcal{O}(2; \{8^{10}, 4^2, 2^{24}\})$	4294967296
8	$\mathcal{O}(2; \{8^{10}, 4^4, 2^{21}\})$	17179869184
8	$\mathcal{O}(2; \{8^{10}, 4^6, 2^{18}\})$	68719476736
8	$\mathcal{O}(2; \{8^{10}, 4^8, 2^{15}\})$	274877906944
8	$\mathcal{O}(2; \{8^{10}, 4^{10}, 2^{12}\})$	1099511627776
8	$\mathcal{O}(2; \{8^{10}, 4^{12}, 2^9\})$	4398046511104
8	$\mathcal{O}(2; \{8^{10}, 4^{14}, 2^6\})$	17592186044416
8	$\mathcal{O}(2; \{8^{10}, 4^{16}, 2^3\})$	70368744177664
8	$\mathcal{O}(2; \{8^{10}, 4^{18}\})$	281474976710656
8	$\mathcal{O}(2; \{8^{12}, 4, 2^{22}\})$	34359738368
8	$\mathcal{O}(2; \{8^{12}, 4^3, 2^{19}\})$	137438953472
8	$\mathcal{O}(2; \{8^{12}, 4^5, 2^{16}\})$	549755813888
8	$\mathcal{O}(2; \{8^{12}, 4^7, 2^{13}\})$	2199023255552
8	$\mathcal{O}(2; \{8^{12}, 4^9, 2^{10}\})$	8796093022208
8	$\mathcal{O}(2; \{8^{12}, 4^{11}, 2^7\})$	35184372088832
8	$\mathcal{O}(2; \{8^{12}, 4^{13}, 2^4\})$	140737488355328
8	$\mathcal{O}(2; \{8^{12}, 4^{15}, 2\})$	562949953421312
8	$\mathcal{O}(2; \{8^{14}, 2^{20}\})$	274877906944
8	$\mathcal{O}(2; \{8^{14}, 4^2, 2^{17}\})$	1099511627776
8	$\mathcal{O}(2; \{8^{14}, 4^4, 2^{14}\})$	4398046511104
8	$\mathcal{O}(2; \{8^{14}, 4^6, 2^{11}\})$	17592186044416
8	$\mathcal{O}(2; \{8^{14}, 4^8, 2^8\})$	70368744177664
8	$\mathcal{O}(2; \{8^{14}, 4^{10}, 2^5\})$	281474976710656
8	$\mathcal{O}(2; \{8^{14}, 4^{12}, 2^2\})$	1125899906842624
8	$\mathcal{O}(2; \{8^{16}, 4, 2^{15}\})$	8796093022208
8	$\mathcal{O}(2; \{8^{16}, 4^3, 2^{12}\})$	35184372088832
8	$\mathcal{O}(2; \{8^{16}, 4^5, 2^9\})$	140737488355328
8	$\mathcal{O}(2; \{8^{16}, 4^7, 2^6\})$	562949953421312
8	$\mathcal{O}(2; \{8^{16}, 4^9, 2^3\})$	2251799813685248
8	$\mathcal{O}(2; \{8^{16}, 4^{11}\})$	9007199254740992
8	$\mathcal{O}(2; \{8^{18}, 2^{13}\})$	70368744177664
8	$\mathcal{O}(2; \{8^{18}, 4^2, 2^{10}\})$	281474976710656
8	$\mathcal{O}(2; \{8^{18}, 4^4, 2^7\})$	1125899906842624
8	$\mathcal{O}(2; \{8^{18}, 4^6, 2^4\})$	4503599627370496
8	$\mathcal{O}(2; \{8^{18}, 4^8, 2\})$	18014398509481984
8	$\mathcal{O}(2; \{8^{20}, 4, 2^8\})$	2251799813685248

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{8^{20}, 4^3, 2^5\})$	9007199254740992
8	$\mathcal{O}(2; \{8^{20}, 4^5, 2^2\})$	36028797018963968
8	$\mathcal{O}(2; \{8^{22}, 2^6\})$	18014398509481984
8	$\mathcal{O}(2; \{8^{22}, 4^2, 2^3\})$	72057594037927936
8	$\mathcal{O}(2; \{8^{22}, 4^4\})$	288230376151711744
8	$\mathcal{O}(2; \{8^{24}, 4, 2\})$	576460752303423488
8	$\mathcal{O}(1; \{8^2, 2^{45}\})$	256
8	$\mathcal{O}(1; \{8^2, 4^2, 2^{42}\})$	1024
8	$\mathcal{O}(1; \{8^2, 4^4, 2^{39}\})$	4096
8	$\mathcal{O}(1; \{8^2, 4^6, 2^{36}\})$	16384
8	$\mathcal{O}(1; \{8^2, 4^8, 2^{33}\})$	65536
8	$\mathcal{O}(1; \{8^2, 4^{10}, 2^{30}\})$	262144
8	$\mathcal{O}(1; \{8^2, 4^{12}, 2^{27}\})$	1048576
8	$\mathcal{O}(1; \{8^2, 4^{14}, 2^{24}\})$	4194304
8	$\mathcal{O}(1; \{8^2, 4^{16}, 2^{21}\})$	16777216
8	$\mathcal{O}(1; \{8^2, 4^{18}, 2^{18}\})$	67108864
8	$\mathcal{O}(1; \{8^2, 4^{20}, 2^{15}\})$	268435456
8	$\mathcal{O}(1; \{8^2, 4^{22}, 2^{12}\})$	1073741824
8	$\mathcal{O}(1; \{8^2, 4^{24}, 2^9\})$	4294967296
8	$\mathcal{O}(1; \{8^2, 4^{26}, 2^6\})$	17179869184
8	$\mathcal{O}(1; \{8^2, 4^{28}, 2^3\})$	68719476736
8	$\mathcal{O}(1; \{8^2, 4^{30}\})$	274877906944
8	$\mathcal{O}(1; \{8^4, 4, 2^{40}\})$	8192
8	$\mathcal{O}(1; \{8^4, 4^3, 2^{37}\})$	32768
8	$\mathcal{O}(1; \{8^4, 4^5, 2^{34}\})$	131072
8	$\mathcal{O}(1; \{8^4, 4^7, 2^{31}\})$	524288
8	$\mathcal{O}(1; \{8^4, 4^9, 2^{28}\})$	2097152
8	$\mathcal{O}(1; \{8^4, 4^{11}, 2^{25}\})$	8388608
8	$\mathcal{O}(1; \{8^4, 4^{13}, 2^{22}\})$	33554432
8	$\mathcal{O}(1; \{8^4, 4^{15}, 2^{19}\})$	134217728
8	$\mathcal{O}(1; \{8^4, 4^{17}, 2^{16}\})$	536870912
8	$\mathcal{O}(1; \{8^4, 4^{19}, 2^{13}\})$	2147483648
8	$\mathcal{O}(1; \{8^4, 4^{21}, 2^{10}\})$	8589934592
8	$\mathcal{O}(1; \{8^4, 4^{23}, 2^7\})$	34359738368
8	$\mathcal{O}(1; \{8^4, 4^{25}, 2^4\})$	137438953472
8	$\mathcal{O}(1; \{8^4, 4^{27}, 2\})$	549755813888
8	$\mathcal{O}(1; \{8^6, 2^{38}\})$	65536
8	$\mathcal{O}(1; \{8^6, 4^2, 2^{35}\})$	262144
8	$\mathcal{O}(1; \{8^6, 4^4, 2^{32}\})$	1048576
8	$\mathcal{O}(1; \{8^6, 4^6, 2^{29}\})$	4194304
8	$\mathcal{O}(1; \{8^6, 4^8, 2^{26}\})$	16777216
8	$\mathcal{O}(1; \{8^6, 4^{10}, 2^{23}\})$	67108864
8	$\mathcal{O}(1; \{8^6, 4^{12}, 2^{20}\})$	268435456

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{8^6, 4^{14}, 2^{17}\})$	1073741824
8	$\mathcal{O}(1; \{8^6, 4^{16}, 2^{14}\})$	4294967296
8	$\mathcal{O}(1; \{8^6, 4^{18}, 2^{11}\})$	17179869184
8	$\mathcal{O}(1; \{8^6, 4^{20}, 2^8\})$	68719476736
8	$\mathcal{O}(1; \{8^6, 4^{22}, 2^5\})$	274877906944
8	$\mathcal{O}(1; \{8^6, 4^{24}, 2^2\})$	1099511627776
8	$\mathcal{O}(1; \{8^8, 4, 2^{33}\})$	2097152
8	$\mathcal{O}(1; \{8^8, 4^3, 2^{30}\})$	8388608
8	$\mathcal{O}(1; \{8^8, 4^5, 2^{27}\})$	33554432
8	$\mathcal{O}(1; \{8^8, 4^7, 2^{24}\})$	134217728
8	$\mathcal{O}(1; \{8^8, 4^9, 2^{21}\})$	536870912
8	$\mathcal{O}(1; \{8^8, 4^{11}, 2^{18}\})$	2147483648
8	$\mathcal{O}(1; \{8^8, 4^{13}, 2^{15}\})$	8589934592
8	$\mathcal{O}(1; \{8^8, 4^{15}, 2^{12}\})$	34359738368
8	$\mathcal{O}(1; \{8^8, 4^{17}, 2^9\})$	137438953472
8	$\mathcal{O}(1; \{8^8, 4^{19}, 2^6\})$	549755813888
8	$\mathcal{O}(1; \{8^8, 4^{21}, 2^3\})$	2199023255552
8	$\mathcal{O}(1; \{8^8, 4^{23}\})$	8796093022208
8	$\mathcal{O}(1; \{8^{10}, 2^{31}\})$	16777216
8	$\mathcal{O}(1; \{8^{10}, 4^2, 2^{28}\})$	67108864
8	$\mathcal{O}(1; \{8^{10}, 4^4, 2^{25}\})$	268435456
8	$\mathcal{O}(1; \{8^{10}, 4^6, 2^{22}\})$	1073741824
8	$\mathcal{O}(1; \{8^{10}, 4^8, 2^{19}\})$	4294967296
8	$\mathcal{O}(1; \{8^{10}, 4^{10}, 2^{16}\})$	17179869184
8	$\mathcal{O}(1; \{8^{10}, 4^{12}, 2^{13}\})$	68719476736
8	$\mathcal{O}(1; \{8^{10}, 4^{14}, 2^{10}\})$	274877906944
8	$\mathcal{O}(1; \{8^{10}, 4^{16}, 2^7\})$	1099511627776
8	$\mathcal{O}(1; \{8^{10}, 4^{18}, 2^4\})$	4398046511104
8	$\mathcal{O}(1; \{8^{10}, 4^{20}, 2\})$	17592186044416
8	$\mathcal{O}(1; \{8^{12}, 4, 2^{26}\})$	536870912
8	$\mathcal{O}(1; \{8^{12}, 4^3, 2^{23}\})$	2147483648
8	$\mathcal{O}(1; \{8^{12}, 4^5, 2^{20}\})$	8589934592
8	$\mathcal{O}(1; \{8^{12}, 4^7, 2^{17}\})$	34359738368
8	$\mathcal{O}(1; \{8^{12}, 4^9, 2^{14}\})$	137438953472
8	$\mathcal{O}(1; \{8^{12}, 4^{11}, 2^{11}\})$	549755813888
8	$\mathcal{O}(1; \{8^{12}, 4^{13}, 2^8\})$	2199023255552
8	$\mathcal{O}(1; \{8^{12}, 4^{15}, 2^5\})$	8796093022208
8	$\mathcal{O}(1; \{8^{12}, 4^{17}, 2^2\})$	35184372088832
8	$\mathcal{O}(1; \{8^{14}, 2^{24}\})$	4294967296
8	$\mathcal{O}(1; \{8^{14}, 4^2, 2^{21}\})$	17179869184
8	$\mathcal{O}(1; \{8^{14}, 4^4, 2^{18}\})$	68719476736
8	$\mathcal{O}(1; \{8^{14}, 4^6, 2^{15}\})$	274877906944
8	$\mathcal{O}(1; \{8^{14}, 4^8, 2^{12}\})$	1099511627776

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{8^{14}, 4^{10}, 2^9\})$	4398046511104
8	$\mathcal{O}(1; \{8^{14}, 4^{12}, 2^6\})$	17592186044416
8	$\mathcal{O}(1; \{8^{14}, 4^{14}, 2^3\})$	70368744177664
8	$\mathcal{O}(1; \{8^{14}, 4^{16}\})$	281474976710656
8	$\mathcal{O}(1; \{8^{16}, 4, 2^{19}\})$	137438953472
8	$\mathcal{O}(1; \{8^{16}, 4^3, 2^{16}\})$	549755813888
8	$\mathcal{O}(1; \{8^{16}, 4^5, 2^{13}\})$	2199023255552
8	$\mathcal{O}(1; \{8^{16}, 4^7, 2^{10}\})$	8796093022208
8	$\mathcal{O}(1; \{8^{16}, 4^9, 2^7\})$	35184372088832
8	$\mathcal{O}(1; \{8^{16}, 4^{11}, 2^4\})$	140737488355328
8	$\mathcal{O}(1; \{8^{16}, 4^{13}, 2\})$	562949953421312
8	$\mathcal{O}(1; \{8^{18}, 2^{17}\})$	1099511627776
8	$\mathcal{O}(1; \{8^{18}, 4^2, 2^{14}\})$	4398046511104
8	$\mathcal{O}(1; \{8^{18}, 4^4, 2^{11}\})$	17592186044416
8	$\mathcal{O}(1; \{8^{18}, 4^6, 2^8\})$	70368744177664
8	$\mathcal{O}(1; \{8^{18}, 4^8, 2^5\})$	281474976710656
8	$\mathcal{O}(1; \{8^{18}, 4^{10}, 2^2\})$	1125899906842624
8	$\mathcal{O}(1; \{8^{20}, 4, 2^{12}\})$	35184372088832
8	$\mathcal{O}(1; \{8^{20}, 4^3, 2^9\})$	140737488355328
8	$\mathcal{O}(1; \{8^{20}, 4^5, 2^6\})$	562949953421312
8	$\mathcal{O}(1; \{8^{20}, 4^7, 2^3\})$	2251799813685248
8	$\mathcal{O}(1; \{8^{20}, 4^9\})$	9007199254740992
8	$\mathcal{O}(1; \{8^{22}, 2^{10}\})$	281474976710656
8	$\mathcal{O}(1; \{8^{22}, 4^2, 2^7\})$	1125899906842624
8	$\mathcal{O}(1; \{8^{22}, 4^4, 2^4\})$	4503599627370496
8	$\mathcal{O}(1; \{8^{22}, 4^6, 2\})$	18014398509481984
8	$\mathcal{O}(1; \{8^{24}, 4, 2^5\})$	9007199254740992
8	$\mathcal{O}(1; \{8^{24}, 4^3, 2^2\})$	36028797018963968
8	$\mathcal{O}(1; \{8^{26}, 2^3\})$	72057594037927936
8	$\mathcal{O}(1; \{8^{26}, 4^2\})$	288230376151711744
8	$\mathcal{O}(0; \{8^2, 2^{49}\})$	4
8	$\mathcal{O}(0; \{8^2, 4^2, 2^{46}\})$	16
8	$\mathcal{O}(0; \{8^2, 4^4, 2^{43}\})$	64
8	$\mathcal{O}(0; \{8^2, 4^6, 2^{40}\})$	256
8	$\mathcal{O}(0; \{8^2, 4^8, 2^{37}\})$	1024
8	$\mathcal{O}(0; \{8^2, 4^{10}, 2^{34}\})$	4096
8	$\mathcal{O}(0; \{8^2, 4^{12}, 2^{31}\})$	16384
8	$\mathcal{O}(0; \{8^2, 4^{14}, 2^{28}\})$	65536
8	$\mathcal{O}(0; \{8^2, 4^{16}, 2^{25}\})$	262144
8	$\mathcal{O}(0; \{8^2, 4^{18}, 2^{22}\})$	1048576
8	$\mathcal{O}(0; \{8^2, 4^{20}, 2^{19}\})$	4194304
8	$\mathcal{O}(0; \{8^2, 4^{22}, 2^{16}\})$	16777216
8	$\mathcal{O}(0; \{8^2, 4^{24}, 2^{13}\})$	67108864

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{8^2, 4^{26}, 2^{10}\})$	268435456
8	$\mathcal{O}(0; \{8^2, 4^{28}, 2^7\})$	1073741824
8	$\mathcal{O}(0; \{8^2, 4^{30}, 2^4\})$	4294967296
8	$\mathcal{O}(0; \{8^2, 4^{32}, 2\})$	17179869184
8	$\mathcal{O}(0; \{8^4, 4, 2^{44}\})$	128
8	$\mathcal{O}(0; \{8^4, 4^3, 2^{41}\})$	512
8	$\mathcal{O}(0; \{8^4, 4^5, 2^{38}\})$	2048
8	$\mathcal{O}(0; \{8^4, 4^7, 2^{35}\})$	8192
8	$\mathcal{O}(0; \{8^4, 4^9, 2^{32}\})$	32768
8	$\mathcal{O}(0; \{8^4, 4^{11}, 2^{29}\})$	131072
8	$\mathcal{O}(0; \{8^4, 4^{13}, 2^{26}\})$	524288
8	$\mathcal{O}(0; \{8^4, 4^{15}, 2^{23}\})$	2097152
8	$\mathcal{O}(0; \{8^4, 4^{17}, 2^{20}\})$	8388608
8	$\mathcal{O}(0; \{8^4, 4^{19}, 2^{17}\})$	33554432
8	$\mathcal{O}(0; \{8^4, 4^{21}, 2^{14}\})$	134217728
8	$\mathcal{O}(0; \{8^4, 4^{23}, 2^{11}\})$	536870912
8	$\mathcal{O}(0; \{8^4, 4^{25}, 2^8\})$	2147483648
8	$\mathcal{O}(0; \{8^4, 4^{27}, 2^5\})$	8589934592
8	$\mathcal{O}(0; \{8^4, 4^{29}, 2^2\})$	34359738368
8	$\mathcal{O}(0; \{8^6, 2^{42}\})$	1024
8	$\mathcal{O}(0; \{8^6, 4^2, 2^{39}\})$	4096
8	$\mathcal{O}(0; \{8^6, 4^4, 2^{36}\})$	16384
8	$\mathcal{O}(0; \{8^6, 4^6, 2^{33}\})$	65536
8	$\mathcal{O}(0; \{8^6, 4^8, 2^{30}\})$	262144
8	$\mathcal{O}(0; \{8^6, 4^{10}, 2^{27}\})$	1048576
8	$\mathcal{O}(0; \{8^6, 4^{12}, 2^{24}\})$	4194304
8	$\mathcal{O}(0; \{8^6, 4^{14}, 2^{21}\})$	16777216
8	$\mathcal{O}(0; \{8^6, 4^{16}, 2^{18}\})$	67108864
8	$\mathcal{O}(0; \{8^6, 4^{18}, 2^{15}\})$	268435456
8	$\mathcal{O}(0; \{8^6, 4^{20}, 2^{12}\})$	1073741824
8	$\mathcal{O}(0; \{8^6, 4^{22}, 2^9\})$	4294967296
8	$\mathcal{O}(0; \{8^6, 4^{24}, 2^6\})$	17179869184
8	$\mathcal{O}(0; \{8^6, 4^{26}, 2^3\})$	68719476736
8	$\mathcal{O}(0; \{8^6, 4^{28}\})$	274877906944
8	$\mathcal{O}(0; \{8^8, 4, 2^{37}\})$	32768
8	$\mathcal{O}(0; \{8^8, 4^3, 2^{34}\})$	131072
8	$\mathcal{O}(0; \{8^8, 4^5, 2^{31}\})$	524288
8	$\mathcal{O}(0; \{8^8, 4^7, 2^{28}\})$	2097152
8	$\mathcal{O}(0; \{8^8, 4^9, 2^{25}\})$	8388608
8	$\mathcal{O}(0; \{8^8, 4^{11}, 2^{22}\})$	33554432
8	$\mathcal{O}(0; \{8^8, 4^{13}, 2^{19}\})$	134217728
8	$\mathcal{O}(0; \{8^8, 4^{15}, 2^{16}\})$	536870912
8	$\mathcal{O}(0; \{8^8, 4^{17}, 2^{13}\})$	2147483648

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{8^8, 4^{19}, 2^{10}\})$	8589934592
8	$\mathcal{O}(0; \{8^8, 4^{21}, 2^7\})$	34359738368
8	$\mathcal{O}(0; \{8^8, 4^{23}, 2^4\})$	137438953472
8	$\mathcal{O}(0; \{8^8, 4^{25}, 2\})$	549755813888
8	$\mathcal{O}(0; \{8^{10}, 2^{35}\})$	262144
8	$\mathcal{O}(0; \{8^{10}, 4^2, 2^{32}\})$	1048576
8	$\mathcal{O}(0; \{8^{10}, 4^4, 2^{29}\})$	4194304
8	$\mathcal{O}(0; \{8^{10}, 4^6, 2^{26}\})$	16777216
8	$\mathcal{O}(0; \{8^{10}, 4^8, 2^{23}\})$	67108864
8	$\mathcal{O}(0; \{8^{10}, 4^{10}, 2^{20}\})$	268435456
8	$\mathcal{O}(0; \{8^{10}, 4^{12}, 2^{17}\})$	1073741824
8	$\mathcal{O}(0; \{8^{10}, 4^{14}, 2^{14}\})$	4294967296
8	$\mathcal{O}(0; \{8^{10}, 4^{16}, 2^{11}\})$	17179869184
8	$\mathcal{O}(0; \{8^{10}, 4^{18}, 2^8\})$	68719476736
8	$\mathcal{O}(0; \{8^{10}, 4^{20}, 2^5\})$	274877906944
8	$\mathcal{O}(0; \{8^{10}, 4^{22}, 2^2\})$	1099511627776
8	$\mathcal{O}(0; \{8^{12}, 4, 2^{30}\})$	8388608
8	$\mathcal{O}(0; \{8^{12}, 4^3, 2^{27}\})$	33554432
8	$\mathcal{O}(0; \{8^{12}, 4^5, 2^{24}\})$	134217728
8	$\mathcal{O}(0; \{8^{12}, 4^7, 2^{21}\})$	536870912
8	$\mathcal{O}(0; \{8^{12}, 4^9, 2^{18}\})$	2147483648
8	$\mathcal{O}(0; \{8^{12}, 4^{11}, 2^{15}\})$	8589934592
8	$\mathcal{O}(0; \{8^{12}, 4^{13}, 2^{12}\})$	34359738368
8	$\mathcal{O}(0; \{8^{12}, 4^{15}, 2^9\})$	137438953472
8	$\mathcal{O}(0; \{8^{12}, 4^{17}, 2^6\})$	549755813888
8	$\mathcal{O}(0; \{8^{12}, 4^{19}, 2^3\})$	2199023255552
8	$\mathcal{O}(0; \{8^{12}, 4^{21}\})$	8796093022208
8	$\mathcal{O}(0; \{8^{14}, 2^{28}\})$	67108864
8	$\mathcal{O}(0; \{8^{14}, 4^2, 2^{25}\})$	268435456
8	$\mathcal{O}(0; \{8^{14}, 4^4, 2^{22}\})$	1073741824
8	$\mathcal{O}(0; \{8^{14}, 4^6, 2^{19}\})$	4294967296
8	$\mathcal{O}(0; \{8^{14}, 4^8, 2^{16}\})$	17179869184
8	$\mathcal{O}(0; \{8^{14}, 4^{10}, 2^{13}\})$	68719476736
8	$\mathcal{O}(0; \{8^{14}, 4^{12}, 2^{10}\})$	274877906944
8	$\mathcal{O}(0; \{8^{14}, 4^{14}, 2^7\})$	1099511627776
8	$\mathcal{O}(0; \{8^{14}, 4^{16}, 2^4\})$	4398046511104
8	$\mathcal{O}(0; \{8^{14}, 4^{18}, 2\})$	17592186044416
8	$\mathcal{O}(0; \{8^{16}, 4, 2^{23}\})$	2147483648
8	$\mathcal{O}(0; \{8^{16}, 4^3, 2^{20}\})$	8589934592
8	$\mathcal{O}(0; \{8^{16}, 4^5, 2^{17}\})$	34359738368
8	$\mathcal{O}(0; \{8^{16}, 4^7, 2^{14}\})$	137438953472
8	$\mathcal{O}(0; \{8^{16}, 4^9, 2^{11}\})$	549755813888
8	$\mathcal{O}(0; \{8^{16}, 4^{11}, 2^8\})$	2199023255552

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{8^{16}, 4^{13}, 2^5\})$	8796093022208
8	$\mathcal{O}(0; \{8^{16}, 4^{15}, 2^2\})$	35184372088832
8	$\mathcal{O}(0; \{8^{18}, 2^{21}\})$	17179869184
8	$\mathcal{O}(0; \{8^{18}, 4^2, 2^{18}\})$	68719476736
8	$\mathcal{O}(0; \{8^{18}, 4^4, 2^{15}\})$	274877906944
8	$\mathcal{O}(0; \{8^{18}, 4^6, 2^{12}\})$	1099511627776
8	$\mathcal{O}(0; \{8^{18}, 4^8, 2^9\})$	4398046511104
8	$\mathcal{O}(0; \{8^{18}, 4^{10}, 2^6\})$	17592186044416
8	$\mathcal{O}(0; \{8^{18}, 4^{12}, 2^3\})$	70368744177664
8	$\mathcal{O}(0; \{8^{18}, 4^{14}\})$	281474976710656
8	$\mathcal{O}(0; \{8^{20}, 4, 2^{16}\})$	549755813888
8	$\mathcal{O}(0; \{8^{20}, 4^3, 2^{13}\})$	2199023255552
8	$\mathcal{O}(0; \{8^{20}, 4^5, 2^{10}\})$	8796093022208
8	$\mathcal{O}(0; \{8^{20}, 4^7, 2^7\})$	35184372088832
8	$\mathcal{O}(0; \{8^{20}, 4^9, 2^4\})$	140737488355328
8	$\mathcal{O}(0; \{8^{20}, 4^{11}, 2\})$	562949953421312
8	$\mathcal{O}(0; \{8^{22}, 2^{14}\})$	4398046511104
8	$\mathcal{O}(0; \{8^{22}, 4^2, 2^{11}\})$	17592186044416
8	$\mathcal{O}(0; \{8^{22}, 4^4, 2^8\})$	70368744177664
8	$\mathcal{O}(0; \{8^{22}, 4^6, 2^5\})$	281474976710656
8	$\mathcal{O}(0; \{8^{22}, 4^8, 2^2\})$	1125899906842624
8	$\mathcal{O}(0; \{8^{24}, 4, 2^9\})$	140737488355328
8	$\mathcal{O}(0; \{8^{24}, 4^3, 2^6\})$	562949953421312
8	$\mathcal{O}(0; \{8^{24}, 4^5, 2^3\})$	2251799813685248
8	$\mathcal{O}(0; \{8^{24}, 4^7\})$	9007199254740992
8	$\mathcal{O}(0; \{8^{26}, 2^7\})$	1125899906842624
8	$\mathcal{O}(0; \{8^{26}, 4^2, 2^4\})$	4503599627370496
8	$\mathcal{O}(0; \{8^{26}, 4^4, 2\})$	18014398509481984
8	$\mathcal{O}(0; \{8^{28}, 4, 2^2\})$	36028797018963968
8	$\mathcal{O}(0; \{8^{30}\})$	288230376151711744
9	$\mathcal{O}(10; \{9^4\})$	1969541804367222465762
9	$\mathcal{O}(9; \{9^4, 3^3\})$	194522647344910860816
9	$\mathcal{O}(8; \{9^4, 3^6\})$	19212113318015887488
9	$\mathcal{O}(8; \{9^7, 3^2\})$	226943088569062670952
9	$\mathcal{O}(7; \{9^4, 3^9\})$	1897492673384285184
9	$\mathcal{O}(7; \{9^7, 3^5\})$	22414132204351868736
9	$\mathcal{O}(7; \{9^{10}, 3\})$	307994191629442196292
9	$\mathcal{O}(6; \{9^4, 3^{12}\})$	187406683791040512
9	$\mathcal{O}(6; \{9^7, 3^8\})$	2213741452281666048
9	$\mathcal{O}(6; \{9^{10}, 3^4\})$	30419179420191821856
9	$\mathcal{O}(6; \{9^{13}\})$	409758354360807600330
9	$\mathcal{O}(5; \{9^4, 3^{15}\})$	18509302102818816
9	$\mathcal{O}(5; \{9^7, 3^{11}\})$	218641131089547264

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
9	$\mathcal{O}(5; \{9^{10}, 3^7\})$	3004363399525118208
9	$\mathcal{O}(5; \{9^{13}, 3^3\})$	40469960924524207440
9	$\mathcal{O}(4; \{9^4, 3^{18}\})$	1828079220031488
9	$\mathcal{O}(4; \{9^7, 3^{14}\})$	21594185786621952
9	$\mathcal{O}(4; \{9^{10}, 3^{10}\})$	296727249335814144
9	$\mathcal{O}(4; \{9^{13}, 3^6\})$	3997033177730785920
9	$\mathcal{O}(4; \{9^{16}, 3^2\})$	53974772060876424648
9	$\mathcal{O}(3; \{9^4, 3^{21}\})$	180551034077184
9	$\mathcal{O}(3; \{9^7, 3^{17}\})$	2132759090036736
9	$\mathcal{O}(3; \{9^{10}, 3^{13}\})$	29306394996129792
9	$\mathcal{O}(3; \{9^{13}, 3^9\})$	394768708911682560
9	$\mathcal{O}(3; \{9^{16}, 3^5\})$	5330841685024832064
9	$\mathcal{O}(3; \{9^{19}, 3\})$	71963892054250097076
9	$\mathcal{O}(2; \{9^4, 3^{24}\})$	17832200896512
9	$\mathcal{O}(2; \{9^7, 3^{20}\})$	210642873090048
9	$\mathcal{O}(2; \{9^{10}, 3^{16}\})$	2894458765049856
9	$\mathcal{O}(2; \{9^{13}, 3^{12}\})$	38989502114734080
9	$\mathcal{O}(2; \{9^{16}, 3^8\})$	526502882471588352
9	$\mathcal{O}(2; \{9^{19}, 3^4\})$	7107544894246923168
9	$\mathcal{O}(2; \{9^{22}\})$	95952267854597652066
9	$\mathcal{O}(1; \{9^4, 3^{27}\})$	1761205026816
9	$\mathcal{O}(1; \{9^7, 3^{23}\})$	20804234379264
9	$\mathcal{O}(1; \{9^{10}, 3^{19}\})$	285872470622208
9	$\mathcal{O}(1; \{9^{13}, 3^{15}\})$	3850815023677440
9	$\mathcal{O}(1; \{9^{16}, 3^{11}\})$	52000284688551936
9	$\mathcal{O}(1; \{9^{19}, 3^7\})$	701979742641671424
9	$\mathcal{O}(1; \{9^{22}, 3^3\})$	9476767195515817488
9	$\mathcal{O}(0; \{9^4, 3^{30}\})$	173946175488
9	$\mathcal{O}(0; \{9^7, 3^{26}\})$	2054739197952
9	$\mathcal{O}(0; \{9^{10}, 3^{22}\})$	28234318086144
9	$\mathcal{O}(0; \{9^{13}, 3^{18}\})$	380327409745920
9	$\mathcal{O}(0; \{9^{16}, 3^{14}\})$	5135830586523648
9	$\mathcal{O}(0; \{9^{19}, 3^{10}\})$	69331332606584832
9	$\mathcal{O}(0; \{9^{22}, 3^6\})$	935977006964525184
9	$\mathcal{O}(0; \{9^{25}, 3^2\})$	12635682815712214440
10	$\mathcal{O}(9; \{5^3, 2^2\})$	1200000000000000000
10	$\mathcal{O}(9; \{10^2, 5^2\})$	5200000000000000000
10	$\mathcal{O}(8; \{5^3, 2^6\})$	1200000000000000000
10	$\mathcal{O}(8; \{10, 5^5, 2\})$	8200000000000000000
10	$\mathcal{O}(8; \{10^2, 5^2, 2^4\})$	5200000000000000000
10	$\mathcal{O}(8; \{10^4, 5, 2^2\})$	2040000000000000000
10	$\mathcal{O}(8; \{10^6\})$	8200000000000000000
10	$\mathcal{O}(7; \{5^3, 2^{10}\})$	1200000000000000000

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(7; \{5^8, 2^2\})$	1310800000000000000
10	$\mathcal{O}(7; \{10, 5^5, 2^5\})$	8200000000000000000
10	$\mathcal{O}(7; \{10^2, 5^2, 2^8\})$	5200000000000000000
10	$\mathcal{O}(7; \{10^2, 5^7\})$	5242800000000000000
10	$\mathcal{O}(7; \{10^3, 5^4, 2^3\})$	3276000000000000000
10	$\mathcal{O}(7; \{10^4, 5, 2^6\})$	2040000000000000000
10	$\mathcal{O}(7; \{10^5, 5^3, 2\})$	1310800000000000000
10	$\mathcal{O}(7; \{10^6, 2^4\})$	8200000000000000000
10	$\mathcal{O}(6; \{5^3, 2^{14}\})$	1200000000000000000
10	$\mathcal{O}(6; \{5^8, 2^6\})$	1310800000000000000
10	$\mathcal{O}(6; \{10, 5^5, 2^9\})$	8200000000000000000
10	$\mathcal{O}(6; \{10, 5^{10}, 2\})$	8388600000000000000
10	$\mathcal{O}(6; \{10^2, 5^2, 2^{12}\})$	5200000000000000000
10	$\mathcal{O}(6; \{10^2, 5^7, 2^4\})$	5242800000000000000
10	$\mathcal{O}(6; \{10^3, 5^4, 2^7\})$	3276000000000000000
10	$\mathcal{O}(6; \{10^4, 5, 2^{10}\})$	2040000000000000000
10	$\mathcal{O}(6; \{10^4, 5^6, 2^2\})$	2097160000000000000
10	$\mathcal{O}(6; \{10^5, 5^3, 2^5\})$	1310800000000000000
10	$\mathcal{O}(6; \{10^6, 2^8\})$	8200000000000000000
10	$\mathcal{O}(6; \{10^6, 5^5\})$	8388600000000000000
10	$\mathcal{O}(6; \{10^7, 5^2, 2^3\})$	5242800000000000000
10	$\mathcal{O}(6; \{10^9, 5, 2\})$	2097160000000000000
10	$\mathcal{O}(5; \{5^3, 2^{18}\})$	1200000000000000000
10	$\mathcal{O}(5; \{5^8, 2^{10}\})$	1310800000000000000
10	$\mathcal{O}(5; \{5^{13}, 2^2\})$	1342177200000000000
10	$\mathcal{O}(5; \{10, 5^5, 2^{13}\})$	8200000000000000000
10	$\mathcal{O}(5; \{10, 5^{10}, 2^5\})$	8388600000000000000
10	$\mathcal{O}(5; \{10^2, 5^2, 2^{16}\})$	5200000000000000000
10	$\mathcal{O}(5; \{10^2, 5^7, 2^8\})$	5242800000000000000
10	$\mathcal{O}(5; \{10^2, 5^{12}\})$	5368709200000000000
10	$\mathcal{O}(5; \{10^3, 5^4, 2^{11}\})$	3276000000000000000
10	$\mathcal{O}(5; \{10^3, 5^9, 2^3\})$	3355444000000000000
10	$\mathcal{O}(5; \{10^4, 5, 2^{14}\})$	2040000000000000000
10	$\mathcal{O}(5; \{10^4, 5^6, 2^6\})$	2097160000000000000
10	$\mathcal{O}(5; \{10^5, 5^3, 2^9\})$	1310800000000000000
10	$\mathcal{O}(5; \{10^5, 5^8, 2\})$	1342177200000000000
10	$\mathcal{O}(5; \{10^6, 2^{12}\})$	8200000000000000000
10	$\mathcal{O}(5; \{10^6, 5^5, 2^4\})$	8388600000000000000
10	$\mathcal{O}(5; \{10^7, 5^2, 2^7\})$	5242800000000000000
10	$\mathcal{O}(5; \{10^8, 5^4, 2^2\})$	3355444000000000000
10	$\mathcal{O}(5; \{10^9, 5, 2^5\})$	2097160000000000000
10	$\mathcal{O}(5; \{10^{10}, 5^3\})$	1342177200000000000
10	$\mathcal{O}(5; \{10^{11}, 2^3\})$	8388600000000000000

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(4; \{5^3, 2^{22}\})$	1200000000
10	$\mathcal{O}(4; \{5^8, 2^{14}\})$	131080000000
10	$\mathcal{O}(4; \{5^{13}, 2^6\})$	1342177200000000
10	$\mathcal{O}(4; \{10, 5^5, 2^{17}\})$	8200000000
10	$\mathcal{O}(4; \{10, 5^{10}, 2^9\})$	83886000000000
10	$\mathcal{O}(4; \{10, 5^{15}, 2\})$	858993460000000000
10	$\mathcal{O}(4; \{10^2, 5^2, 2^{20}\})$	5200000000
10	$\mathcal{O}(4; \{10^2, 5^7, 2^{12}\})$	5242800000000
10	$\mathcal{O}(4; \{10^2, 5^{12}, 2^4\})$	536870920000000000
10	$\mathcal{O}(4; \{10^3, 5^4, 2^{15}\})$	327600000000
10	$\mathcal{O}(4; \{10^3, 5^9, 2^7\})$	335544400000000000
10	$\mathcal{O}(4; \{10^4, 5, 2^{18}\})$	20400000000
10	$\mathcal{O}(4; \{10^4, 5^6, 2^{10}\})$	2097160000000000
10	$\mathcal{O}(4; \{10^4, 5^{11}, 2^2\})$	21474836400000000000
10	$\mathcal{O}(4; \{10^5, 5^3, 2^{13}\})$	13108000000000
10	$\mathcal{O}(4; \{10^5, 5^8, 2^5\})$	134217720000000000
10	$\mathcal{O}(4; \{10^6, 2^{16}\})$	820000000000
10	$\mathcal{O}(4; \{10^6, 5^5, 2^8\})$	838860000000000000
10	$\mathcal{O}(4; \{10^6, 5^{10}\})$	85899346000000000000
10	$\mathcal{O}(4; \{10^7, 5^2, 2^{11}\})$	52428000000000
10	$\mathcal{O}(4; \{10^7, 5^7, 2^3\})$	53687092000000000000
10	$\mathcal{O}(4; \{10^8, 5^4, 2^6\})$	33554440000000000000
10	$\mathcal{O}(4; \{10^9, 5, 2^9\})$	20971600000000000000
10	$\mathcal{O}(4; \{10^9, 5^6, 2\})$	2147483640000000000000
10	$\mathcal{O}(4; \{10^{10}, 5^3, 2^4\})$	1342177200000000000000
10	$\mathcal{O}(4; \{10^{11}, 2^7\})$	83886000000000000000
10	$\mathcal{O}(4; \{10^{12}, 5^2, 2^2\})$	5368709200000000000000
10	$\mathcal{O}(4; \{10^{14}, 5\})$	214748364000000000000000
10	$\mathcal{O}(3; \{5^3, 2^{26}\})$	12000000
10	$\mathcal{O}(3; \{5^8, 2^{18}\})$	131080000000
10	$\mathcal{O}(3; \{5^{13}, 2^{10}\})$	1342177200000000
10	$\mathcal{O}(3; \{5^{18}, 2^2\})$	1374389534800000000000
10	$\mathcal{O}(3; \{10, 5^5, 2^{21}\})$	8200000000
10	$\mathcal{O}(3; \{10, 5^{10}, 2^{13}\})$	83886000000000000000
10	$\mathcal{O}(3; \{10, 5^{15}, 2^5\})$	8589934600000000000000
10	$\mathcal{O}(3; \{10^2, 5^2, 2^{24}\})$	5200000000
10	$\mathcal{O}(3; \{10^2, 5^7, 2^{16}\})$	52428000000000
10	$\mathcal{O}(3; \{10^2, 5^{12}, 2^8\})$	5368709200000000000000
10	$\mathcal{O}(3; \{10^2, 5^{17}\})$	5497558138800000000000
10	$\mathcal{O}(3; \{10^3, 5^4, 2^{19}\})$	327600000000
10	$\mathcal{O}(3; \{10^3, 5^9, 2^{11}\})$	3355444000000000000000
10	$\mathcal{O}(3; \{10^3, 5^{14}, 2^3\})$	343597383600000000000000
10	$\mathcal{O}(3; \{10^4, 5, 2^{22}\})$	2040000000

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(3; \{10^4, 5^6, 2^{14}\})$	209716000000
10	$\mathcal{O}(3; \{10^4, 5^{11}, 2^6\})$	214748364000000
10	$\mathcal{O}(3; \{10^5, 5^3, 2^{17}\})$	13108000000
10	$\mathcal{O}(3; \{10^5, 5^8, 2^9\})$	13421772000000
10	$\mathcal{O}(3; \{10^5, 5^{13}, 2\})$	13743895348000000
10	$\mathcal{O}(3; \{10^6, 2^{20}\})$	820000000
10	$\mathcal{O}(3; \{10^6, 5^5, 2^{12}\})$	838860000000
10	$\mathcal{O}(3; \{10^6, 5^{10}, 2^4\})$	858993460000000
10	$\mathcal{O}(3; \{10^7, 5^2, 2^{15}\})$	52428000000
10	$\mathcal{O}(3; \{10^7, 5^7, 2^7\})$	53687092000000
10	$\mathcal{O}(3; \{10^8, 5^4, 2^{10}\})$	3355444000000
10	$\mathcal{O}(3; \{10^8, 5^9, 2^2\})$	3435973836000000
10	$\mathcal{O}(3; \{10^9, 5, 2^{13}\})$	209716000000
10	$\mathcal{O}(3; \{10^9, 5^6, 2^5\})$	214748364000000
10	$\mathcal{O}(3; \{10^{10}, 5^3, 2^8\})$	13421772000000
10	$\mathcal{O}(3; \{10^{10}, 5^8\})$	13743895348000000
10	$\mathcal{O}(3; \{10^{11}, 2^{11}\})$	838860000000
10	$\mathcal{O}(3; \{10^{11}, 5^5, 2^3\})$	858993460000000
10	$\mathcal{O}(3; \{10^{12}, 5^2, 2^6\})$	53687092000000
10	$\mathcal{O}(3; \{10^{13}, 5^4, 2\})$	3435973836000000
10	$\mathcal{O}(3; \{10^{14}, 5, 2^4\})$	214748364000000
10	$\mathcal{O}(3; \{10^{16}, 2^2\})$	858993460000000
10	$\mathcal{O}(2; \{5^3, 2^{30}\})$	120000
10	$\mathcal{O}(2; \{5^8, 2^{22}\})$	131080000
10	$\mathcal{O}(2; \{5^{13}, 2^{14}\})$	134217720000
10	$\mathcal{O}(2; \{5^{18}, 2^6\})$	137438953480000
10	$\mathcal{O}(2; \{10, 5^5, 2^{25}\})$	8200000
10	$\mathcal{O}(2; \{10, 5^{10}, 2^{17}\})$	8388600000
10	$\mathcal{O}(2; \{10, 5^{15}, 2^9\})$	8589934600000
10	$\mathcal{O}(2; \{10, 5^{20}, 2\})$	8796093022200000
10	$\mathcal{O}(2; \{10^2, 5^2, 2^{28}\})$	520000
10	$\mathcal{O}(2; \{10^2, 5^7, 2^{20}\})$	524280000
10	$\mathcal{O}(2; \{10^2, 5^{12}, 2^{12}\})$	536870920000
10	$\mathcal{O}(2; \{10^2, 5^{17}, 2^4\})$	549755813880000
10	$\mathcal{O}(2; \{10^3, 5^4, 2^{23}\})$	32760000
10	$\mathcal{O}(2; \{10^3, 5^9, 2^{15}\})$	33554440000
10	$\mathcal{O}(2; \{10^3, 5^{14}, 2^7\})$	34359738360000
10	$\mathcal{O}(2; \{10^4, 5, 2^{26}\})$	2040000
10	$\mathcal{O}(2; \{10^4, 5^6, 2^{18}\})$	2097160000
10	$\mathcal{O}(2; \{10^4, 5^{11}, 2^{10}\})$	2147483640000
10	$\mathcal{O}(2; \{10^4, 5^{16}, 2^2\})$	2199023255560000
10	$\mathcal{O}(2; \{10^5, 5^3, 2^{21}\})$	131080000
10	$\mathcal{O}(2; \{10^5, 5^8, 2^{13}\})$	134217720000

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(2; \{10^5, 5^{13}, 2^5\})$	137438953480000
10	$\mathcal{O}(2; \{10^6, 2^{24}\})$	8200000
10	$\mathcal{O}(2; \{10^6, 5^5, 2^{16}\})$	8388600000
10	$\mathcal{O}(2; \{10^6, 5^{10}, 2^8\})$	8589934600000
10	$\mathcal{O}(2; \{10^6, 5^{15}\})$	8796093022200000
10	$\mathcal{O}(2; \{10^7, 5^2, 2^{19}\})$	524280000
10	$\mathcal{O}(2; \{10^7, 5^7, 2^{11}\})$	536870920000
10	$\mathcal{O}(2; \{10^7, 5^{12}, 2^3\})$	549755813880000
10	$\mathcal{O}(2; \{10^8, 5^4, 2^{14}\})$	33554440000
10	$\mathcal{O}(2; \{10^8, 5^9, 2^6\})$	34359738360000
10	$\mathcal{O}(2; \{10^9, 5, 2^{17}\})$	2097160000
10	$\mathcal{O}(2; \{10^9, 5^6, 2^9\})$	2147483640000
10	$\mathcal{O}(2; \{10^9, 5^{11}, 2\})$	2199023255560000
10	$\mathcal{O}(2; \{10^{10}, 5^3, 2^{12}\})$	134217720000
10	$\mathcal{O}(2; \{10^{10}, 5^8, 2^4\})$	137438953480000
10	$\mathcal{O}(2; \{10^{11}, 2^{15}\})$	8388600000
10	$\mathcal{O}(2; \{10^{11}, 5^5, 2^7\})$	8589934600000
10	$\mathcal{O}(2; \{10^{12}, 5^2, 2^{10}\})$	536870920000
10	$\mathcal{O}(2; \{10^{12}, 5^7, 2^2\})$	549755813880000
10	$\mathcal{O}(2; \{10^{13}, 5^4, 2^5\})$	34359738360000
10	$\mathcal{O}(2; \{10^{14}, 5, 2^8\})$	2147483640000
10	$\mathcal{O}(2; \{10^{14}, 5^6\})$	2199023255560000
10	$\mathcal{O}(2; \{10^{15}, 5^3, 2^3\})$	137438953480000
10	$\mathcal{O}(2; \{10^{16}, 2^6\})$	8589934600000
10	$\mathcal{O}(2; \{10^{17}, 5^2, 2\})$	549755813880000
10	$\mathcal{O}(1; \{5^3, 2^{34}\})$	1200
10	$\mathcal{O}(1; \{5^8, 2^{26}\})$	1310800
10	$\mathcal{O}(1; \{5^{13}, 2^{18}\})$	1342177200
10	$\mathcal{O}(1; \{5^{18}, 2^{10}\})$	1374389534800
10	$\mathcal{O}(1; \{5^{23}, 2^2\})$	1407374883553200
10	$\mathcal{O}(1; \{10, 5^5, 2^{29}\})$	82000
10	$\mathcal{O}(1; \{10, 5^{10}, 2^{21}\})$	83886000
10	$\mathcal{O}(1; \{10, 5^{15}, 2^{13}\})$	85899346000
10	$\mathcal{O}(1; \{10, 5^{20}, 2^5\})$	87960930222000
10	$\mathcal{O}(1; \{10^2, 5^2, 2^{32}\})$	5200
10	$\mathcal{O}(1; \{10^2, 5^7, 2^{24}\})$	5242800
10	$\mathcal{O}(1; \{10^2, 5^{12}, 2^{16}\})$	5368709200
10	$\mathcal{O}(1; \{10^2, 5^{17}, 2^8\})$	5497558138800
10	$\mathcal{O}(1; \{10^2, 5^{22}\})$	5629499534213200
10	$\mathcal{O}(1; \{10^3, 5^4, 2^{27}\})$	327600
10	$\mathcal{O}(1; \{10^3, 5^9, 2^{19}\})$	335544400
10	$\mathcal{O}(1; \{10^3, 5^{14}, 2^{11}\})$	343597383600
10	$\mathcal{O}(1; \{10^3, 5^{19}, 2^3\})$	351843720888400

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(1; \{10^4, 5, 2^{30}\})$	20400
10	$\mathcal{O}(1; \{10^4, 5^6, 2^{22}\})$	20971600
10	$\mathcal{O}(1; \{10^4, 5^{11}, 2^{14}\})$	21474836400
10	$\mathcal{O}(1; \{10^4, 5^{16}, 2^6\})$	21990232555600
10	$\mathcal{O}(1; \{10^5, 5^3, 2^{25}\})$	1310800
10	$\mathcal{O}(1; \{10^5, 5^8, 2^{17}\})$	1342177200
10	$\mathcal{O}(1; \{10^5, 5^{13}, 2^9\})$	1374389534800
10	$\mathcal{O}(1; \{10^5, 5^{18}, 2\})$	1407374883553200
10	$\mathcal{O}(1; \{10^6, 2^{28}\})$	82000
10	$\mathcal{O}(1; \{10^6, 5^5, 2^{20}\})$	83886000
10	$\mathcal{O}(1; \{10^6, 5^{10}, 2^{12}\})$	85899346000
10	$\mathcal{O}(1; \{10^6, 5^{15}, 2^4\})$	87960930222000
10	$\mathcal{O}(1; \{10^7, 5^2, 2^{23}\})$	5242800
10	$\mathcal{O}(1; \{10^7, 5^7, 2^{15}\})$	5368709200
10	$\mathcal{O}(1; \{10^7, 5^{12}, 2^7\})$	5497558138800
10	$\mathcal{O}(1; \{10^8, 5^4, 2^{18}\})$	335544400
10	$\mathcal{O}(1; \{10^8, 5^9, 2^{10}\})$	343597383600
10	$\mathcal{O}(1; \{10^8, 5^{14}, 2^2\})$	351843720888400
10	$\mathcal{O}(1; \{10^9, 5, 2^{21}\})$	20971600
10	$\mathcal{O}(1; \{10^9, 5^6, 2^{13}\})$	21474836400
10	$\mathcal{O}(1; \{10^9, 5^{11}, 2^5\})$	21990232555600
10	$\mathcal{O}(1; \{10^{10}, 5^3, 2^{16}\})$	1342177200
10	$\mathcal{O}(1; \{10^{10}, 5^8, 2^8\})$	1374389534800
10	$\mathcal{O}(1; \{10^{10}, 5^{13}\})$	1407374883553200
10	$\mathcal{O}(1; \{10^{11}, 2^{19}\})$	83886000
10	$\mathcal{O}(1; \{10^{11}, 5^5, 2^{11}\})$	85899346000
10	$\mathcal{O}(1; \{10^{11}, 5^{10}, 2^3\})$	87960930222000
10	$\mathcal{O}(1; \{10^{12}, 5^2, 2^{14}\})$	5368709200
10	$\mathcal{O}(1; \{10^{12}, 5^7, 2^6\})$	5497558138800
10	$\mathcal{O}(1; \{10^{13}, 5^4, 2^9\})$	343597383600
10	$\mathcal{O}(1; \{10^{13}, 5^9, 2\})$	351843720888400
10	$\mathcal{O}(1; \{10^{14}, 5, 2^{12}\})$	21474836400
10	$\mathcal{O}(1; \{10^{14}, 5^6, 2^4\})$	21990232555600
10	$\mathcal{O}(1; \{10^{15}, 5^3, 2^7\})$	1374389534800
10	$\mathcal{O}(1; \{10^{16}, 2^{10}\})$	85899346000
10	$\mathcal{O}(1; \{10^{16}, 5^5, 2^2\})$	87960930222000
10	$\mathcal{O}(1; \{10^{17}, 5^2, 2^5\})$	5497558138800
10	$\mathcal{O}(1; \{10^{18}, 5^4\})$	351843720888400
10	$\mathcal{O}(1; \{10^{19}, 5, 2^3\})$	21990232555600
10	$\mathcal{O}(1; \{10^{21}, 2\})$	87960930222000
10	$\mathcal{O}(0; \{5^3, 2^{38}\})$	12
10	$\mathcal{O}(0; \{5^8, 2^{30}\})$	13108
10	$\mathcal{O}(0; \{5^{13}, 2^{22}\})$	13421772

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(0; \{5^{18}, 2^{14}\})$	13743895348
10	$\mathcal{O}(0; \{5^{23}, 2^6\})$	14073748835532
10	$\mathcal{O}(0; \{10, 5^5, 2^{33}\})$	820
10	$\mathcal{O}(0; \{10, 5^{10}, 2^{25}\})$	838860
10	$\mathcal{O}(0; \{10, 5^{15}, 2^{17}\})$	858993460
10	$\mathcal{O}(0; \{10, 5^{20}, 2^9\})$	879609302220
10	$\mathcal{O}(0; \{10, 5^{25}, 2\})$	900719925474100
10	$\mathcal{O}(0; \{10^2, 5^2, 2^{36}\})$	52
10	$\mathcal{O}(0; \{10^2, 5^7, 2^{28}\})$	52428
10	$\mathcal{O}(0; \{10^2, 5^{12}, 2^{20}\})$	53687092
10	$\mathcal{O}(0; \{10^2, 5^{17}, 2^{12}\})$	54975581388
10	$\mathcal{O}(0; \{10^2, 5^{22}, 2^4\})$	56294995342132
10	$\mathcal{O}(0; \{10^3, 5^4, 2^{31}\})$	3276
10	$\mathcal{O}(0; \{10^3, 5^9, 2^{23}\})$	3355444
10	$\mathcal{O}(0; \{10^3, 5^{14}, 2^{15}\})$	3435973836
10	$\mathcal{O}(0; \{10^3, 5^{19}, 2^7\})$	3518437208884
10	$\mathcal{O}(0; \{10^4, 5, 2^{34}\})$	204
10	$\mathcal{O}(0; \{10^4, 5^6, 2^{26}\})$	209716
10	$\mathcal{O}(0; \{10^4, 5^{11}, 2^{18}\})$	214748364
10	$\mathcal{O}(0; \{10^4, 5^{16}, 2^{10}\})$	219902325556
10	$\mathcal{O}(0; \{10^4, 5^{21}, 2^2\})$	225179981368524
10	$\mathcal{O}(0; \{10^5, 5^3, 2^{29}\})$	13108
10	$\mathcal{O}(0; \{10^5, 5^8, 2^{21}\})$	13421772
10	$\mathcal{O}(0; \{10^5, 5^{13}, 2^{13}\})$	13743895348
10	$\mathcal{O}(0; \{10^5, 5^{18}, 2^5\})$	14073748835532
10	$\mathcal{O}(0; \{10^6, 2^{32}\})$	820
10	$\mathcal{O}(0; \{10^6, 5^5, 2^{24}\})$	838860
10	$\mathcal{O}(0; \{10^6, 5^{10}, 2^{16}\})$	858993460
10	$\mathcal{O}(0; \{10^6, 5^{15}, 2^8\})$	879609302220
10	$\mathcal{O}(0; \{10^6, 5^{20}\})$	900719925474100
10	$\mathcal{O}(0; \{10^7, 5^2, 2^{27}\})$	52428
10	$\mathcal{O}(0; \{10^7, 5^7, 2^{19}\})$	53687092
10	$\mathcal{O}(0; \{10^7, 5^{12}, 2^{11}\})$	54975581388
10	$\mathcal{O}(0; \{10^7, 5^{17}, 2^3\})$	56294995342132
10	$\mathcal{O}(0; \{10^8, 5^4, 2^{22}\})$	3355444
10	$\mathcal{O}(0; \{10^8, 5^9, 2^{14}\})$	3435973836
10	$\mathcal{O}(0; \{10^8, 5^{14}, 2^6\})$	3518437208884
10	$\mathcal{O}(0; \{10^9, 5, 2^{25}\})$	209716
10	$\mathcal{O}(0; \{10^9, 5^6, 2^{17}\})$	214748364
10	$\mathcal{O}(0; \{10^9, 5^{11}, 2^9\})$	219902325556
10	$\mathcal{O}(0; \{10^9, 5^{16}, 2\})$	225179981368524
10	$\mathcal{O}(0; \{10^{10}, 5^3, 2^{20}\})$	13421772
10	$\mathcal{O}(0; \{10^{10}, 5^8, 2^{12}\})$	13743895348

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(0; \{10^{10}, 5^{13}, 2^4\})$	14073748835532
10	$\mathcal{O}(0; \{10^{11}, 2^{23}\})$	838860
10	$\mathcal{O}(0; \{10^{11}, 5^5, 2^{15}\})$	858993460
10	$\mathcal{O}(0; \{10^{11}, 5^{10}, 2^7\})$	879609302220
10	$\mathcal{O}(0; \{10^{12}, 5^2, 2^{18}\})$	53687092
10	$\mathcal{O}(0; \{10^{12}, 5^7, 2^{10}\})$	54975581388
10	$\mathcal{O}(0; \{10^{12}, 5^{12}, 2^2\})$	56294995342132
10	$\mathcal{O}(0; \{10^{13}, 5^4, 2^{13}\})$	3435973836
10	$\mathcal{O}(0; \{10^{13}, 5^9, 2^5\})$	3518437208884
10	$\mathcal{O}(0; \{10^{14}, 5, 2^{16}\})$	214748364
10	$\mathcal{O}(0; \{10^{14}, 5^6, 2^8\})$	219902325556
10	$\mathcal{O}(0; \{10^{14}, 5^{11}\})$	225179981368524
10	$\mathcal{O}(0; \{10^{15}, 5^3, 2^{11}\})$	13743895348
10	$\mathcal{O}(0; \{10^{15}, 5^8, 2^3\})$	14073748835532
10	$\mathcal{O}(0; \{10^{16}, 2^{14}\})$	858993460
10	$\mathcal{O}(0; \{10^{16}, 5^5, 2^6\})$	879609302220
10	$\mathcal{O}(0; \{10^{17}, 5^2, 2^9\})$	54975581388
10	$\mathcal{O}(0; \{10^{17}, 5^7, 2\})$	56294995342132
10	$\mathcal{O}(0; \{10^{18}, 5^4, 2^4\})$	3518437208884
10	$\mathcal{O}(0; \{10^{19}, 5, 2^7\})$	219902325556
10	$\mathcal{O}(0; \{10^{20}, 5^3, 2^2\})$	14073748835532
10	$\mathcal{O}(0; \{10^{21}, 2^5\})$	879609302220
10	$\mathcal{O}(0; \{10^{22}, 5^2\})$	56294995342132
11	$\mathcal{O}(8; \{11^4\})$	41814254175850666510
11	$\mathcal{O}(3; \{11^{15}\})$	161050999999998389490
12	$\mathcal{O}(7; \{4^2, 3^4\})$	15407021574586368
12	$\mathcal{O}(7; \{6, 4^2, 3^2, 2\})$	5135673858195456
12	$\mathcal{O}(7; \{6^2, 4^2, 2^2\})$	5135673858195456
12	$\mathcal{O}(7; \{12, 4, 3^3, 2\})$	15407021574586368
12	$\mathcal{O}(7; \{12, 6, 4, 3, 2^2\})$	5135673858195456
12	$\mathcal{O}(7; \{12, 6^3, 4\})$	15407021574586368
12	$\mathcal{O}(7; \{12^2, 3^2, 2^2\})$	15407021574586368
12	$\mathcal{O}(7; \{12^2, 6, 2^3\})$	5135673858195456
12	$\mathcal{O}(7; \{12^2, 6, 4^2\})$	20542695432781824
12	$\mathcal{O}(7; \{12^2, 6^2, 3\})$	25678369290977280
12	$\mathcal{O}(7; \{12^3, 4, 3\})$	61628086298345472
12	$\mathcal{O}(7; \{12^4, 2\})$	61628086298345472
12	$\mathcal{O}(6; \{4^2, 3^4, 2^4\})$	106993205379072
12	$\mathcal{O}(6; \{4^2, 3^7\})$	748952437653504
12	$\mathcal{O}(6; \{4^4, 3^4, 2\})$	427972821516288
12	$\mathcal{O}(6; \{6, 4^2, 3^2, 2^5\})$	35664401793024
12	$\mathcal{O}(6; \{6, 4^2, 3^5, 2\})$	392308419723264
12	$\mathcal{O}(6; \{6, 4^4, 3^2, 2^2\})$	142657607172096

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(6; \{6^2, 4^2, 2^6\})$	35664401793024
12	$\mathcal{O}(6; \{6^2, 4^2, 3^3, 2^2\})$	178322008965120
12	$\mathcal{O}(6; \{6^2, 4^4, 2^3\})$	142657607172096
12	$\mathcal{O}(6; \{6^2, 4^6\})$	570630428688384
12	$\mathcal{O}(6; \{6^3, 4^2, 3, 2^3\})$	106993205379072
12	$\mathcal{O}(6; \{6^3, 4^4, 3\})$	427972821516288
12	$\mathcal{O}(6; \{6^4, 4^2, 3^2\})$	392308419723264
12	$\mathcal{O}(6; \{6^5, 4^2, 2\})$	178322008965120
12	$\mathcal{O}(6; \{12, 4, 3^3, 2^5\})$	106993205379072
12	$\mathcal{O}(6; \{12, 4, 3^6, 2\})$	748952437653504
12	$\mathcal{O}(6; \{12, 4^3, 3^3, 2^2\})$	427972821516288
12	$\mathcal{O}(6; \{12, 6, 4, 3, 2^6\})$	35664401793024
12	$\mathcal{O}(6; \{12, 6, 4, 3^4, 2^2\})$	392308419723264
12	$\mathcal{O}(6; \{12, 6, 4^3, 3, 2^3\})$	142657607172096
12	$\mathcal{O}(6; \{12, 6, 4^5, 3\})$	570630428688384
12	$\mathcal{O}(6; \{12, 6^2, 4, 3^2, 2^3\})$	178322008965120
12	$\mathcal{O}(6; \{12, 6^2, 4^3, 3^2\})$	713288035860480
12	$\mathcal{O}(6; \{12, 6^3, 4, 2^4\})$	106993205379072
12	$\mathcal{O}(6; \{12, 6^3, 4, 3^3\})$	748952437653504
12	$\mathcal{O}(6; \{12, 6^3, 4^3, 2\})$	427972821516288
12	$\mathcal{O}(6; \{12, 6^4, 4, 3, 2\})$	392308419723264
12	$\mathcal{O}(6; \{12^2, 3^2, 2^6\})$	106993205379072
12	$\mathcal{O}(6; \{12^2, 3^5, 2^2\})$	748952437653504
12	$\mathcal{O}(6; \{12^2, 4^2, 3^2, 2^3\})$	427972821516288
12	$\mathcal{O}(6; \{12^2, 4^4, 3^2\})$	1711891286065152
12	$\mathcal{O}(6; \{12^2, 6, 2^7\})$	35664401793024
12	$\mathcal{O}(6; \{12^2, 6, 3^3, 2^3\})$	392308419723264
12	$\mathcal{O}(6; \{12^2, 6, 4^2, 2^4\})$	142657607172096
12	$\mathcal{O}(6; \{12^2, 6, 4^2, 3^3\})$	1569233678893056
12	$\mathcal{O}(6; \{12^2, 6, 4^4, 2\})$	570630428688384
12	$\mathcal{O}(6; \{12^2, 6^2, 3, 2^4\})$	178322008965120
12	$\mathcal{O}(6; \{12^2, 6^2, 3^4\})$	1533569277100032
12	$\mathcal{O}(6; \{12^2, 6^2, 4^2, 3, 2\})$	713288035860480
12	$\mathcal{O}(6; \{12^2, 6^3, 3^2, 2\})$	748952437653504
12	$\mathcal{O}(6; \{12^2, 6^4, 2^2\})$	392308419723264
12	$\mathcal{O}(6; \{12^3, 4, 3, 2^4\})$	427972821516288
12	$\mathcal{O}(6; \{12^3, 4, 3^4\})$	2995809750614016
12	$\mathcal{O}(6; \{12^3, 4^3, 3, 2\})$	1711891286065152
12	$\mathcal{O}(6; \{12^3, 6, 4, 3^2, 2\})$	1569233678893056
12	$\mathcal{O}(6; \{12^3, 6^2, 4, 2^2\})$	713288035860480
12	$\mathcal{O}(6; \{12^4, 2^5\})$	427972821516288
12	$\mathcal{O}(6; \{12^4, 3^3, 2\})$	2995809750614016
12	$\mathcal{O}(6; \{12^4, 4^2, 2^2\})$	1711891286065152

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(6; \{12^4, 6, 3, 2^2\})$	1569233678893056
12	$\mathcal{O}(6; \{12^4, 6^3\})$	2995809750614016
12	$\mathcal{O}(6; \{12^5, 6, 4\})$	6276934715572224
12	$\mathcal{O}(6; \{12^6, 3\})$	11983239002456064
12	$\mathcal{O}(5; \{4^2, 3^4, 2^8\})$	743008370688
12	$\mathcal{O}(5; \{4^2, 3^7, 2^4\})$	5201058594816
12	$\mathcal{O}(5; \{4^2, 3^{10}\})$	42351477129216
12	$\mathcal{O}(5; \{4^4, 3^4, 2^5\})$	2972033482752
12	$\mathcal{O}(5; \{4^4, 3^7, 2\})$	20804234379264
12	$\mathcal{O}(5; \{4^6, 3^4, 2^2\})$	11888133931008
12	$\mathcal{O}(5; \{6, 4^2, 3^2, 2^9\})$	247669456896
12	$\mathcal{O}(5; \{6, 4^2, 3^5, 2^5\})$	2724364025856
12	$\mathcal{O}(5; \{6, 4^2, 3^8, 2\})$	21051903836160
12	$\mathcal{O}(5; \{6, 4^4, 3^2, 2^6\})$	990677827584
12	$\mathcal{O}(5; \{6, 4^4, 3^5, 2^2\})$	10897456103424
12	$\mathcal{O}(5; \{6, 4^6, 3^2, 2^3\})$	3962711310336
12	$\mathcal{O}(5; \{6, 4^8, 3^2\})$	15850845241344
12	$\mathcal{O}(5; \{6^2, 4^2, 2^{10}\})$	247669456896
12	$\mathcal{O}(5; \{6^2, 4^2, 3^3, 2^6\})$	1238347284480
12	$\mathcal{O}(5; \{6^2, 4^2, 3^6, 2^2\})$	10649786646528
12	$\mathcal{O}(5; \{6^2, 4^4, 2^7\})$	990677827584
12	$\mathcal{O}(5; \{6^2, 4^4, 3^3, 2^3\})$	4953389137920
12	$\mathcal{O}(5; \{6^2, 4^6, 2^4\})$	3962711310336
12	$\mathcal{O}(5; \{6^2, 4^6, 3^3\})$	19813556551680
12	$\mathcal{O}(5; \{6^2, 4^8, 2\})$	15850845241344
12	$\mathcal{O}(5; \{6^3, 4^2, 3, 2^7\})$	743008370688
12	$\mathcal{O}(5; \{6^3, 4^2, 3^4, 2^3\})$	5201058594816
12	$\mathcal{O}(5; \{6^3, 4^4, 3, 2^4\})$	2972033482752
12	$\mathcal{O}(5; \{6^3, 4^4, 3^4\})$	20804234379264
12	$\mathcal{O}(5; \{6^3, 4^6, 3, 2\})$	11888133931008
12	$\mathcal{O}(5; \{6^4, 4^2, 3^2, 2^4\})$	2724364025856
12	$\mathcal{O}(5; \{6^4, 4^2, 3^5\})$	21051903836160
12	$\mathcal{O}(5; \{6^4, 4^4, 3^2, 2\})$	10897456103424
12	$\mathcal{O}(5; \{6^5, 4^2, 2^5\})$	1238347284480
12	$\mathcal{O}(5; \{6^5, 4^2, 3^3, 2\})$	10649786646528
12	$\mathcal{O}(5; \{6^5, 4^4, 2^2\})$	4953389137920
12	$\mathcal{O}(5; \{6^6, 4^2, 3, 2^2\})$	5201058594816
12	$\mathcal{O}(5; \{6^8, 4^2\})$	10649786646528
12	$\mathcal{O}(5; \{12, 4, 3^3, 2^9\})$	743008370688
12	$\mathcal{O}(5; \{12, 4, 3^6, 2^5\})$	5201058594816
12	$\mathcal{O}(5; \{12, 4, 3^9, 2\})$	42351477129216
12	$\mathcal{O}(5; \{12, 4^3, 3^3, 2^6\})$	2972033482752
12	$\mathcal{O}(5; \{12, 4^3, 3^6, 2^2\})$	20804234379264

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{12, 4^5, 3^3, 2^3\})$	11888133931008
12	$\mathcal{O}(5; \{12, 4^7, 3^3\})$	47552535724032
12	$\mathcal{O}(5; \{12, 6, 4, 3, 2^{10}\})$	247669456896
12	$\mathcal{O}(5; \{12, 6, 4, 3^4, 2^6\})$	2724364025856
12	$\mathcal{O}(5; \{12, 6, 4, 3^7, 2^2\})$	21051903836160
12	$\mathcal{O}(5; \{12, 6, 4^3, 3, 2^7\})$	990677827584
12	$\mathcal{O}(5; \{12, 6, 4^3, 3^4, 2^3\})$	10897456103424
12	$\mathcal{O}(5; \{12, 6, 4^5, 3, 2^4\})$	3962711310336
12	$\mathcal{O}(5; \{12, 6, 4^5, 3^4\})$	43589824413696
12	$\mathcal{O}(5; \{12, 6, 4^7, 3, 2\})$	15850845241344
12	$\mathcal{O}(5; \{12, 6^2, 4, 3^2, 2^7\})$	1238347284480
12	$\mathcal{O}(5; \{12, 6^2, 4, 3^5, 2^3\})$	10649786646528
12	$\mathcal{O}(5; \{12, 6^2, 4^3, 3^2, 2^4\})$	4953389137920
12	$\mathcal{O}(5; \{12, 6^2, 4^3, 3^5\})$	42599146586112
12	$\mathcal{O}(5; \{12, 6^2, 4^5, 3^2, 2\})$	19813556551680
12	$\mathcal{O}(5; \{12, 6^3, 4, 2^8\})$	743008370688
12	$\mathcal{O}(5; \{12, 6^3, 4, 3^3, 2^4\})$	5201058594816
12	$\mathcal{O}(5; \{12, 6^3, 4, 3^6\})$	42351477129216
12	$\mathcal{O}(5; \{12, 6^3, 4^3, 2^5\})$	2972033482752
12	$\mathcal{O}(5; \{12, 6^3, 4^3, 3^3, 2\})$	20804234379264
12	$\mathcal{O}(5; \{12, 6^3, 4^5, 2^2\})$	11888133931008
12	$\mathcal{O}(5; \{12, 6^4, 4, 3, 2^5\})$	2724364025856
12	$\mathcal{O}(5; \{12, 6^4, 4, 3^4, 2\})$	21051903836160
12	$\mathcal{O}(5; \{12, 6^4, 4^3, 3, 2^2\})$	10897456103424
12	$\mathcal{O}(5; \{12, 6^5, 4, 3^2, 2^2\})$	10649786646528
12	$\mathcal{O}(5; \{12, 6^6, 4, 2^3\})$	5201058594816
12	$\mathcal{O}(5; \{12, 6^6, 4^3\})$	20804234379264
12	$\mathcal{O}(5; \{12, 6^7, 4, 3\})$	21051903836160
12	$\mathcal{O}(5; \{12^2, 3^2, 2^{10}\})$	743008370688
12	$\mathcal{O}(5; \{12^2, 3^5, 2^6\})$	5201058594816
12	$\mathcal{O}(5; \{12^2, 3^8, 2^2\})$	42351477129216
12	$\mathcal{O}(5; \{12^2, 4^2, 3^2, 2^7\})$	2972033482752
12	$\mathcal{O}(5; \{12^2, 4^2, 3^5, 2^3\})$	20804234379264
12	$\mathcal{O}(5; \{12^2, 4^4, 3^2, 2^4\})$	11888133931008
12	$\mathcal{O}(5; \{12^2, 4^4, 3^5\})$	83216937517056
12	$\mathcal{O}(5; \{12^2, 4^6, 3^2, 2\})$	47552535724032
12	$\mathcal{O}(5; \{12^2, 6, 2^{11}\})$	247669456896
12	$\mathcal{O}(5; \{12^2, 6, 3^3, 2^7\})$	2724364025856
12	$\mathcal{O}(5; \{12^2, 6, 3^6, 2^3\})$	21051903836160
12	$\mathcal{O}(5; \{12^2, 6, 4^2, 2^8\})$	990677827584
12	$\mathcal{O}(5; \{12^2, 6, 4^2, 3^3, 2^4\})$	10897456103424
12	$\mathcal{O}(5; \{12^2, 6, 4^2, 3^6\})$	84207615344640
12	$\mathcal{O}(5; \{12^2, 6, 4^4, 2^5\})$	3962711310336

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{12^2, 6, 4^4, 3^3, 2\})$	43589824413696
12	$\mathcal{O}(5; \{12^2, 6, 4^6, 2^2\})$	15850845241344
12	$\mathcal{O}(5; \{12^2, 6^2, 3, 2^8\})$	1238347284480
12	$\mathcal{O}(5; \{12^2, 6^2, 3^4, 2^4\})$	10649786646528
12	$\mathcal{O}(5; \{12^2, 6^2, 3^7\})$	84455284801536
12	$\mathcal{O}(5; \{12^2, 6^2, 4^2, 3, 2^5\})$	4953389137920
12	$\mathcal{O}(5; \{12^2, 6^2, 4^2, 3^4, 2\})$	42599146586112
12	$\mathcal{O}(5; \{12^2, 6^2, 4^4, 3, 2^2\})$	19813556551680
12	$\mathcal{O}(5; \{12^2, 6^3, 3^2, 2^5\})$	5201058594816
12	$\mathcal{O}(5; \{12^2, 6^3, 3^5, 2\})$	42351477129216
12	$\mathcal{O}(5; \{12^2, 6^3, 4^2, 3^2, 2^2\})$	20804234379264
12	$\mathcal{O}(5; \{12^2, 6^4, 2^6\})$	2724364025856
12	$\mathcal{O}(5; \{12^2, 6^4, 3^3, 2^2\})$	21051903836160
12	$\mathcal{O}(5; \{12^2, 6^4, 4^2, 2^3\})$	10897456103424
12	$\mathcal{O}(5; \{12^2, 6^4, 4^4\})$	43589824413696
12	$\mathcal{O}(5; \{12^2, 6^5, 3, 2^3\})$	10649786646528
12	$\mathcal{O}(5; \{12^2, 6^5, 4^2, 3\})$	42599146586112
12	$\mathcal{O}(5; \{12^2, 6^6, 3^2\})$	42351477129216
12	$\mathcal{O}(5; \{12^2, 6^7, 2\})$	21051903836160
12	$\mathcal{O}(5; \{12^3, 4, 3, 2^8\})$	2972033482752
12	$\mathcal{O}(5; \{12^3, 4, 3^4, 2^4\})$	20804234379264
12	$\mathcal{O}(5; \{12^3, 4, 3^7\})$	169405908516864
12	$\mathcal{O}(5; \{12^3, 4^3, 3, 2^5\})$	11888133931008
12	$\mathcal{O}(5; \{12^3, 4^3, 3^4, 2\})$	83216937517056
12	$\mathcal{O}(5; \{12^3, 4^5, 3, 2^2\})$	47552535724032
12	$\mathcal{O}(5; \{12^3, 6, 4, 3^2, 2^5\})$	10897456103424
12	$\mathcal{O}(5; \{12^3, 6, 4, 3^5, 2\})$	84207615344640
12	$\mathcal{O}(5; \{12^3, 6, 4^3, 3^2, 2^2\})$	43589824413696
12	$\mathcal{O}(5; \{12^3, 6^2, 4, 2^6\})$	4953389137920
12	$\mathcal{O}(5; \{12^3, 6^2, 4, 3^3, 2^2\})$	42599146586112
12	$\mathcal{O}(5; \{12^3, 6^2, 4^3, 2^3\})$	19813556551680
12	$\mathcal{O}(5; \{12^3, 6^2, 4^5\})$	79254226206720
12	$\mathcal{O}(5; \{12^3, 6^3, 4, 3, 2^3\})$	20804234379264
12	$\mathcal{O}(5; \{12^3, 6^3, 4^3, 3\})$	83216937517056
12	$\mathcal{O}(5; \{12^3, 6^4, 4, 3^2\})$	84207615344640
12	$\mathcal{O}(5; \{12^3, 6^5, 4, 2\})$	42599146586112
12	$\mathcal{O}(5; \{12^4, 2^9\})$	2972033482752
12	$\mathcal{O}(5; \{12^4, 3^3, 2^5\})$	20804234379264
12	$\mathcal{O}(5; \{12^4, 3^6, 2\})$	169405908516864
12	$\mathcal{O}(5; \{12^4, 4^2, 2^6\})$	11888133931008
12	$\mathcal{O}(5; \{12^4, 4^2, 3^3, 2^2\})$	83216937517056
12	$\mathcal{O}(5; \{12^4, 4^4, 2^3\})$	47552535724032
12	$\mathcal{O}(5; \{12^4, 4^6\})$	190210142896128

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{12^4, 6, 3, 2^6\})$	10897456103424
12	$\mathcal{O}(5; \{12^4, 6, 3^4, 2^2\})$	84207615344640
12	$\mathcal{O}(5; \{12^4, 6, 4^2, 3, 2^3\})$	43589824413696
12	$\mathcal{O}(5; \{12^4, 6, 4^4, 3\})$	174359297654784
12	$\mathcal{O}(5; \{12^4, 6^2, 3^2, 2^3\})$	42599146586112
12	$\mathcal{O}(5; \{12^4, 6^2, 4^2, 3^2\})$	170396586344448
12	$\mathcal{O}(5; \{12^4, 6^3, 2^4\})$	20804234379264
12	$\mathcal{O}(5; \{12^4, 6^3, 3^3\})$	169405908516864
12	$\mathcal{O}(5; \{12^4, 6^3, 4^2, 2\})$	83216937517056
12	$\mathcal{O}(5; \{12^4, 6^4, 3, 2\})$	84207615344640
12	$\mathcal{O}(5; \{12^5, 4, 3^2, 2^3\})$	83216937517056
12	$\mathcal{O}(5; \{12^5, 4^3, 3^2\})$	332867750068224
12	$\mathcal{O}(5; \{12^5, 6, 4, 2^4\})$	43589824413696
12	$\mathcal{O}(5; \{12^5, 6, 4, 3^3\})$	336830461378560
12	$\mathcal{O}(5; \{12^5, 6, 4^3, 2\})$	174359297654784
12	$\mathcal{O}(5; \{12^5, 6^2, 4, 3, 2\})$	170396586344448
12	$\mathcal{O}(5; \{12^6, 3, 2^4\})$	83216937517056
12	$\mathcal{O}(5; \{12^6, 3^4\})$	677623634067456
12	$\mathcal{O}(5; \{12^6, 4^2, 3, 2\})$	332867750068224
12	$\mathcal{O}(5; \{12^6, 6, 3^2, 2\})$	336830461378560
12	$\mathcal{O}(5; \{12^6, 6^2, 2^2\})$	170396586344448
12	$\mathcal{O}(5; \{12^7, 4, 2^2\})$	332867750068224
12	$\mathcal{O}(5; \{12^8, 6\})$	1347321845514240
12	$\mathcal{O}(4; \{4^2, 3^4, 2^{12}\})$	5159780352
12	$\mathcal{O}(4; \{4^2, 3^7, 2^8\})$	36118462464
12	$\mathcal{O}(4; \{4^2, 3^{10}, 2^4\})$	294107480064
12	$\mathcal{O}(4; \{4^2, 3^{13}\})$	2347700060160
12	$\mathcal{O}(4; \{4^4, 3^4, 2^9\})$	20639121408
12	$\mathcal{O}(4; \{4^4, 3^7, 2^5\})$	144473849856
12	$\mathcal{O}(4; \{4^4, 3^{10}, 2\})$	1176429920256
12	$\mathcal{O}(4; \{4^6, 3^4, 2^6\})$	82556485632
12	$\mathcal{O}(4; \{4^6, 3^7, 2^2\})$	577895399424
12	$\mathcal{O}(4; \{4^8, 3^4, 2^3\})$	330225942528
12	$\mathcal{O}(4; \{4^{10}, 3^4\})$	1320903770112
12	$\mathcal{O}(4; \{6, 4^2, 3^2, 2^{13}\})$	1719926784
12	$\mathcal{O}(4; \{6, 4^2, 3^5, 2^9\})$	18919194624
12	$\mathcal{O}(4; \{6, 4^2, 3^8, 2^5\})$	146193776640
12	$\mathcal{O}(4; \{6, 4^2, 3^{11}, 2\})$	1174709993472
12	$\mathcal{O}(4; \{6, 4^4, 3^2, 2^{10}\})$	6879707136
12	$\mathcal{O}(4; \{6, 4^4, 3^5, 2^6\})$	75676778496
12	$\mathcal{O}(4; \{6, 4^4, 3^8, 2^2\})$	584775106560
12	$\mathcal{O}(4; \{6, 4^6, 3^2, 2^7\})$	27518828544
12	$\mathcal{O}(4; \{6, 4^6, 3^5, 2^3\})$	302707113984

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{6, 4^8, 3^2, 2^4\})$	110075314176
12	$\mathcal{O}(4; \{6, 4^8, 3^5\})$	1210828455936
12	$\mathcal{O}(4; \{6, 4^{10}, 3^2, 2\})$	440301256704
12	$\mathcal{O}(4; \{6^2, 4^2, 2^{14}\})$	1719926784
12	$\mathcal{O}(4; \{6^2, 4^2, 3^3, 2^{10}\})$	8599633920
12	$\mathcal{O}(4; \{6^2, 4^2, 3^6, 2^6\})$	73956851712
12	$\mathcal{O}(4; \{6^2, 4^2, 3^9, 2^2\})$	586495033344
12	$\mathcal{O}(4; \{6^2, 4^4, 2^{11}\})$	6879707136
12	$\mathcal{O}(4; \{6^2, 4^4, 3^3, 2^7\})$	34398535680
12	$\mathcal{O}(4; \{6^2, 4^4, 3^6, 2^3\})$	295827406848
12	$\mathcal{O}(4; \{6^2, 4^6, 2^8\})$	27518828544
12	$\mathcal{O}(4; \{6^2, 4^6, 3^3, 2^4\})$	137594142720
12	$\mathcal{O}(4; \{6^2, 4^6, 3^6\})$	1183309627392
12	$\mathcal{O}(4; \{6^2, 4^8, 2^5\})$	110075314176
12	$\mathcal{O}(4; \{6^2, 4^8, 3^3, 2\})$	550376570880
12	$\mathcal{O}(4; \{6^2, 4^{10}, 2^2\})$	440301256704
12	$\mathcal{O}(4; \{6^3, 4^2, 3, 2^{11}\})$	5159780352
12	$\mathcal{O}(4; \{6^3, 4^2, 3^4, 2^7\})$	36118462464
12	$\mathcal{O}(4; \{6^3, 4^2, 3^7, 2^3\})$	294107480064
12	$\mathcal{O}(4; \{6^3, 4^4, 3, 2^8\})$	20639121408
12	$\mathcal{O}(4; \{6^3, 4^4, 3^4, 2^4\})$	144473849856
12	$\mathcal{O}(4; \{6^3, 4^4, 3^7\})$	1176429920256
12	$\mathcal{O}(4; \{6^3, 4^6, 3, 2^5\})$	82556485632
12	$\mathcal{O}(4; \{6^3, 4^6, 3^4, 2\})$	577895399424
12	$\mathcal{O}(4; \{6^3, 4^8, 3, 2^2\})$	330225942528
12	$\mathcal{O}(4; \{6^4, 4^2, 3^2, 2^8\})$	18919194624
12	$\mathcal{O}(4; \{6^4, 4^2, 3^5, 2^4\})$	146193776640
12	$\mathcal{O}(4; \{6^4, 4^2, 3^8\})$	1174709993472
12	$\mathcal{O}(4; \{6^4, 4^4, 3^2, 2^5\})$	75676778496
12	$\mathcal{O}(4; \{6^4, 4^4, 3^5, 2\})$	584775106560
12	$\mathcal{O}(4; \{6^4, 4^6, 3^2, 2^2\})$	302707113984
12	$\mathcal{O}(4; \{6^5, 4^2, 2^9\})$	8599633920
12	$\mathcal{O}(4; \{6^5, 4^2, 3^3, 2^5\})$	73956851712
12	$\mathcal{O}(4; \{6^5, 4^2, 3^6, 2\})$	586495033344
12	$\mathcal{O}(4; \{6^5, 4^4, 2^6\})$	34398535680
12	$\mathcal{O}(4; \{6^5, 4^4, 3^3, 2^2\})$	295827406848
12	$\mathcal{O}(4; \{6^5, 4^6, 2^3\})$	137594142720
12	$\mathcal{O}(4; \{6^5, 4^8\})$	550376570880
12	$\mathcal{O}(4; \{6^6, 4^2, 3, 2^6\})$	36118462464
12	$\mathcal{O}(4; \{6^6, 4^2, 3^4, 2^2\})$	294107480064
12	$\mathcal{O}(4; \{6^6, 4^4, 3, 2^3\})$	144473849856
12	$\mathcal{O}(4; \{6^6, 4^6, 3\})$	577895399424
12	$\mathcal{O}(4; \{6^7, 4^2, 3^2, 2^3\})$	146193776640

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{6^7, 4^4, 3^2\})$	584775106560
12	$\mathcal{O}(4; \{6^8, 4^2, 2^4\})$	73956851712
12	$\mathcal{O}(4; \{6^8, 4^2, 3^3\})$	586495033344
12	$\mathcal{O}(4; \{6^8, 4^4, 2\})$	295827406848
12	$\mathcal{O}(4; \{6^9, 4^2, 3, 2\})$	294107480064
12	$\mathcal{O}(4; \{12, 4, 3^3, 2^{13}\})$	5159780352
12	$\mathcal{O}(4; \{12, 4, 3^6, 2^9\})$	36118462464
12	$\mathcal{O}(4; \{12, 4, 3^9, 2^5\})$	294107480064
12	$\mathcal{O}(4; \{12, 4, 3^{12}, 2\})$	2347700060160
12	$\mathcal{O}(4; \{12, 4^3, 3^3, 2^{10}\})$	20639121408
12	$\mathcal{O}(4; \{12, 4^3, 3^6, 2^6\})$	144473849856
12	$\mathcal{O}(4; \{12, 4^3, 3^9, 2^2\})$	1176429920256
12	$\mathcal{O}(4; \{12, 4^5, 3^3, 2^7\})$	82556485632
12	$\mathcal{O}(4; \{12, 4^5, 3^6, 2^3\})$	577895399424
12	$\mathcal{O}(4; \{12, 4^7, 3^3, 2^4\})$	330225942528
12	$\mathcal{O}(4; \{12, 4^7, 3^6\})$	2311581597696
12	$\mathcal{O}(4; \{12, 4^9, 3^3, 2\})$	1320903770112
12	$\mathcal{O}(4; \{12, 6, 4, 3, 2^{14}\})$	1719926784
12	$\mathcal{O}(4; \{12, 6, 4, 3^4, 2^{10}\})$	18919194624
12	$\mathcal{O}(4; \{12, 6, 4, 3^7, 2^6\})$	146193776640
12	$\mathcal{O}(4; \{12, 6, 4, 3^{10}, 2^2\})$	1174709993472
12	$\mathcal{O}(4; \{12, 6, 4^3, 3, 2^{11}\})$	6879707136
12	$\mathcal{O}(4; \{12, 6, 4^3, 3^4, 2^7\})$	75676778496
12	$\mathcal{O}(4; \{12, 6, 4^3, 3^7, 2^3\})$	584775106560
12	$\mathcal{O}(4; \{12, 6, 4^5, 3, 2^8\})$	27518828544
12	$\mathcal{O}(4; \{12, 6, 4^5, 3^4, 2^4\})$	302707113984
12	$\mathcal{O}(4; \{12, 6, 4^5, 3^7\})$	2339100426240
12	$\mathcal{O}(4; \{12, 6, 4^7, 3, 2^5\})$	110075314176
12	$\mathcal{O}(4; \{12, 6, 4^7, 3^4, 2\})$	1210828455936
12	$\mathcal{O}(4; \{12, 6, 4^9, 3, 2^2\})$	440301256704
12	$\mathcal{O}(4; \{12, 6^2, 4, 3^2, 2^{11}\})$	8599633920
12	$\mathcal{O}(4; \{12, 6^2, 4, 3^5, 2^7\})$	73956851712
12	$\mathcal{O}(4; \{12, 6^2, 4, 3^8, 2^3\})$	586495033344
12	$\mathcal{O}(4; \{12, 6^2, 4^3, 3^2, 2^8\})$	34398535680
12	$\mathcal{O}(4; \{12, 6^2, 4^3, 3^5, 2^4\})$	295827406848
12	$\mathcal{O}(4; \{12, 6^2, 4^3, 3^8\})$	2345980133376
12	$\mathcal{O}(4; \{12, 6^2, 4^5, 3^2, 2^5\})$	137594142720
12	$\mathcal{O}(4; \{12, 6^2, 4^5, 3^5, 2\})$	1183309627392
12	$\mathcal{O}(4; \{12, 6^2, 4^7, 3^2, 2^2\})$	550376570880
12	$\mathcal{O}(4; \{12, 6^3, 4, 2^{12}\})$	5159780352
12	$\mathcal{O}(4; \{12, 6^3, 4, 3^3, 2^8\})$	36118462464
12	$\mathcal{O}(4; \{12, 6^3, 4, 3^6, 2^4\})$	294107480064
12	$\mathcal{O}(4; \{12, 6^3, 4, 3^9\})$	2347700060160

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12, 6^3, 4^3, 2^9\})$	20639121408
12	$\mathcal{O}(4; \{12, 6^3, 4^3, 3^3, 2^5\})$	144473849856
12	$\mathcal{O}(4; \{12, 6^3, 4^3, 3^6, 2\})$	1176429920256
12	$\mathcal{O}(4; \{12, 6^3, 4^5, 2^6\})$	82556485632
12	$\mathcal{O}(4; \{12, 6^3, 4^5, 3^3, 2^2\})$	577895399424
12	$\mathcal{O}(4; \{12, 6^3, 4^7, 2^3\})$	330225942528
12	$\mathcal{O}(4; \{12, 6^3, 4^9\})$	1320903770112
12	$\mathcal{O}(4; \{12, 6^4, 4, 3, 2^9\})$	18919194624
12	$\mathcal{O}(4; \{12, 6^4, 4, 3^4, 2^5\})$	146193776640
12	$\mathcal{O}(4; \{12, 6^4, 4, 3^7, 2\})$	1174709993472
12	$\mathcal{O}(4; \{12, 6^4, 4^3, 3, 2^6\})$	75676778496
12	$\mathcal{O}(4; \{12, 6^4, 4^3, 3^4, 2^2\})$	584775106560
12	$\mathcal{O}(4; \{12, 6^4, 4^5, 3, 2^3\})$	302707113984
12	$\mathcal{O}(4; \{12, 6^4, 4^7, 3\})$	1210828455936
12	$\mathcal{O}(4; \{12, 6^5, 4, 3^2, 2^6\})$	73956851712
12	$\mathcal{O}(4; \{12, 6^5, 4, 3^5, 2^2\})$	586495033344
12	$\mathcal{O}(4; \{12, 6^5, 4^3, 3^2, 2^3\})$	295827406848
12	$\mathcal{O}(4; \{12, 6^5, 4^5, 3^2\})$	1183309627392
12	$\mathcal{O}(4; \{12, 6^6, 4, 2^7\})$	36118462464
12	$\mathcal{O}(4; \{12, 6^6, 4, 3^3, 2^3\})$	294107480064
12	$\mathcal{O}(4; \{12, 6^6, 4^3, 2^4\})$	144473849856
12	$\mathcal{O}(4; \{12, 6^6, 4^3, 3^3\})$	1176429920256
12	$\mathcal{O}(4; \{12, 6^6, 4^5, 2\})$	577895399424
12	$\mathcal{O}(4; \{12, 6^7, 4, 3, 2^4\})$	146193776640
12	$\mathcal{O}(4; \{12, 6^7, 4, 3^4\})$	1174709993472
12	$\mathcal{O}(4; \{12, 6^7, 4^3, 3, 2\})$	584775106560
12	$\mathcal{O}(4; \{12, 6^8, 4, 3^2, 2\})$	586495033344
12	$\mathcal{O}(4; \{12, 6^9, 4, 2^2\})$	294107480064
12	$\mathcal{O}(4; \{12^2, 3^2, 2^{14}\})$	5159780352
12	$\mathcal{O}(4; \{12^2, 3^5, 2^{10}\})$	36118462464
12	$\mathcal{O}(4; \{12^2, 3^8, 2^6\})$	294107480064
12	$\mathcal{O}(4; \{12^2, 3^{11}, 2^2\})$	2347700060160
12	$\mathcal{O}(4; \{12^2, 4^2, 3^2, 2^{11}\})$	20639121408
12	$\mathcal{O}(4; \{12^2, 4^2, 3^5, 2^7\})$	144473849856
12	$\mathcal{O}(4; \{12^2, 4^2, 3^8, 2^3\})$	1176429920256
12	$\mathcal{O}(4; \{12^2, 4^4, 3^2, 2^8\})$	82556485632
12	$\mathcal{O}(4; \{12^2, 4^4, 3^5, 2^4\})$	577895399424
12	$\mathcal{O}(4; \{12^2, 4^4, 3^8\})$	4705719681024
12	$\mathcal{O}(4; \{12^2, 4^6, 3^2, 2^5\})$	330225942528
12	$\mathcal{O}(4; \{12^2, 4^6, 3^5, 2\})$	2311581597696
12	$\mathcal{O}(4; \{12^2, 4^8, 3^2, 2^2\})$	1320903770112
12	$\mathcal{O}(4; \{12^2, 6, 2^{15}\})$	1719926784
12	$\mathcal{O}(4; \{12^2, 6, 3^3, 2^{11}\})$	18919194624

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^2, 6, 3^6, 2^7\})$	146193776640
12	$\mathcal{O}(4; \{12^2, 6, 3^9, 2^3\})$	1174709993472
12	$\mathcal{O}(4; \{12^2, 6, 4^2, 2^{12}\})$	6879707136
12	$\mathcal{O}(4; \{12^2, 6, 4^2, 3^3, 2^8\})$	75676778496
12	$\mathcal{O}(4; \{12^2, 6, 4^2, 3^6, 2^4\})$	584775106560
12	$\mathcal{O}(4; \{12^2, 6, 4^2, 3^9\})$	4698839973888
12	$\mathcal{O}(4; \{12^2, 6, 4^4, 2^9\})$	27518828544
12	$\mathcal{O}(4; \{12^2, 6, 4^4, 3^3, 2^5\})$	302707113984
12	$\mathcal{O}(4; \{12^2, 6, 4^4, 3^6, 2\})$	2339100426240
12	$\mathcal{O}(4; \{12^2, 6, 4^6, 2^6\})$	110075314176
12	$\mathcal{O}(4; \{12^2, 6, 4^6, 3^3, 2^2\})$	1210828455936
12	$\mathcal{O}(4; \{12^2, 6, 4^8, 2^3\})$	440301256704
12	$\mathcal{O}(4; \{12^2, 6, 4^{10}\})$	1761205026816
12	$\mathcal{O}(4; \{12^2, 6^2, 3, 2^{12}\})$	8599633920
12	$\mathcal{O}(4; \{12^2, 6^2, 3^4, 2^8\})$	73956851712
12	$\mathcal{O}(4; \{12^2, 6^2, 3^7, 2^4\})$	586495033344
12	$\mathcal{O}(4; \{12^2, 6^2, 3^{10}\})$	4697120047104
12	$\mathcal{O}(4; \{12^2, 6^2, 4^2, 3, 2^9\})$	34398535680
12	$\mathcal{O}(4; \{12^2, 6^2, 4^2, 3^4, 2^5\})$	295827406848
12	$\mathcal{O}(4; \{12^2, 6^2, 4^2, 3^7, 2\})$	2345980133376
12	$\mathcal{O}(4; \{12^2, 6^2, 4^4, 3, 2^6\})$	137594142720
12	$\mathcal{O}(4; \{12^2, 6^2, 4^4, 3^4, 2^2\})$	1183309627392
12	$\mathcal{O}(4; \{12^2, 6^2, 4^6, 3, 2^3\})$	550376570880
12	$\mathcal{O}(4; \{12^2, 6^2, 4^8, 3\})$	2201506283520
12	$\mathcal{O}(4; \{12^2, 6^3, 3^2, 2^9\})$	36118462464
12	$\mathcal{O}(4; \{12^2, 6^3, 3^5, 2^5\})$	294107480064
12	$\mathcal{O}(4; \{12^2, 6^3, 3^8, 2\})$	2347700060160
12	$\mathcal{O}(4; \{12^2, 6^3, 4^2, 3^2, 2^6\})$	144473849856
12	$\mathcal{O}(4; \{12^2, 6^3, 4^2, 3^5, 2^2\})$	1176429920256
12	$\mathcal{O}(4; \{12^2, 6^3, 4^4, 3^2, 2^3\})$	577895399424
12	$\mathcal{O}(4; \{12^2, 6^3, 4^6, 3^2\})$	2311581597696
12	$\mathcal{O}(4; \{12^2, 6^4, 2^{10}\})$	18919194624
12	$\mathcal{O}(4; \{12^2, 6^4, 3^3, 2^6\})$	146193776640
12	$\mathcal{O}(4; \{12^2, 6^4, 3^6, 2^2\})$	1174709993472
12	$\mathcal{O}(4; \{12^2, 6^4, 4^2, 2^7\})$	75676778496
12	$\mathcal{O}(4; \{12^2, 6^4, 4^2, 3^3, 2^3\})$	584775106560
12	$\mathcal{O}(4; \{12^2, 6^4, 4^4, 2^4\})$	302707113984
12	$\mathcal{O}(4; \{12^2, 6^4, 4^4, 3^3\})$	2339100426240
12	$\mathcal{O}(4; \{12^2, 6^4, 4^6, 2\})$	1210828455936
12	$\mathcal{O}(4; \{12^2, 6^5, 3, 2^7\})$	73956851712
12	$\mathcal{O}(4; \{12^2, 6^5, 3^4, 2^3\})$	586495033344
12	$\mathcal{O}(4; \{12^2, 6^5, 4^2, 3, 2^4\})$	295827406848
12	$\mathcal{O}(4; \{12^2, 6^5, 4^2, 3^4\})$	2345980133376

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^2, 6^5, 4^4, 3, 2\})$	1183309627392
12	$\mathcal{O}(4; \{12^2, 6^6, 3^2, 2^4\})$	294107480064
12	$\mathcal{O}(4; \{12^2, 6^6, 3^5\})$	2347700060160
12	$\mathcal{O}(4; \{12^2, 6^6, 4^2, 3^2, 2\})$	1176429920256
12	$\mathcal{O}(4; \{12^2, 6^7, 2^5\})$	146193776640
12	$\mathcal{O}(4; \{12^2, 6^7, 3^3, 2\})$	1174709993472
12	$\mathcal{O}(4; \{12^2, 6^7, 4^2, 2^2\})$	584775106560
12	$\mathcal{O}(4; \{12^2, 6^8, 3, 2^2\})$	586495033344
12	$\mathcal{O}(4; \{12^2, 6^{10}\})$	1174709993472
12	$\mathcal{O}(4; \{12^3, 4, 3, 2^{12}\})$	20639121408
12	$\mathcal{O}(4; \{12^3, 4, 3^4, 2^8\})$	144473849856
12	$\mathcal{O}(4; \{12^3, 4, 3^7, 2^4\})$	1176429920256
12	$\mathcal{O}(4; \{12^3, 4, 3^{10}\})$	9390800240640
12	$\mathcal{O}(4; \{12^3, 4^3, 3, 2^9\})$	82556485632
12	$\mathcal{O}(4; \{12^3, 4^3, 3^4, 2^5\})$	577895399424
12	$\mathcal{O}(4; \{12^3, 4^3, 3^7, 2\})$	4705719681024
12	$\mathcal{O}(4; \{12^3, 4^5, 3, 2^6\})$	330225942528
12	$\mathcal{O}(4; \{12^3, 4^5, 3^4, 2^2\})$	2311581597696
12	$\mathcal{O}(4; \{12^3, 4^7, 3, 2^3\})$	1320903770112
12	$\mathcal{O}(4; \{12^3, 4^9, 3\})$	5283615080448
12	$\mathcal{O}(4; \{12^3, 6, 4, 3^2, 2^9\})$	75676778496
12	$\mathcal{O}(4; \{12^3, 6, 4, 3^5, 2^5\})$	584775106560
12	$\mathcal{O}(4; \{12^3, 6, 4, 3^8, 2\})$	4698839973888
12	$\mathcal{O}(4; \{12^3, 6, 4^3, 3^2, 2^6\})$	302707113984
12	$\mathcal{O}(4; \{12^3, 6, 4^3, 3^5, 2^2\})$	2339100426240
12	$\mathcal{O}(4; \{12^3, 6, 4^5, 3^2, 2^3\})$	1210828455936
12	$\mathcal{O}(4; \{12^3, 6, 4^7, 3^2\})$	4843313823744
12	$\mathcal{O}(4; \{12^3, 6^2, 4, 2^{10}\})$	34398535680
12	$\mathcal{O}(4; \{12^3, 6^2, 4, 3^3, 2^6\})$	295827406848
12	$\mathcal{O}(4; \{12^3, 6^2, 4, 3^6, 2^2\})$	2345980133376
12	$\mathcal{O}(4; \{12^3, 6^2, 4^3, 2^7\})$	137594142720
12	$\mathcal{O}(4; \{12^3, 6^2, 4^3, 3^3, 2^3\})$	1183309627392
12	$\mathcal{O}(4; \{12^3, 6^2, 4^5, 2^4\})$	550376570880
12	$\mathcal{O}(4; \{12^3, 6^2, 4^5, 3^3\})$	4733238509568
12	$\mathcal{O}(4; \{12^3, 6^2, 4^7, 2\})$	2201506283520
12	$\mathcal{O}(4; \{12^3, 6^3, 4, 3, 2^7\})$	144473849856
12	$\mathcal{O}(4; \{12^3, 6^3, 4, 3^4, 2^3\})$	1176429920256
12	$\mathcal{O}(4; \{12^3, 6^3, 4^3, 3, 2^4\})$	577895399424
12	$\mathcal{O}(4; \{12^3, 6^3, 4^3, 3^4\})$	4705719681024
12	$\mathcal{O}(4; \{12^3, 6^3, 4^5, 3, 2\})$	2311581597696
12	$\mathcal{O}(4; \{12^3, 6^4, 4, 3^2, 2^4\})$	584775106560
12	$\mathcal{O}(4; \{12^3, 6^4, 4, 3^5\})$	4698839973888
12	$\mathcal{O}(4; \{12^3, 6^4, 4^3, 3^2, 2\})$	2339100426240

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^3, 6^5, 4, 2^5\})$	295827406848
12	$\mathcal{O}(4; \{12^3, 6^5, 4, 3^3, 2\})$	2345980133376
12	$\mathcal{O}(4; \{12^3, 6^5, 4^3, 2^2\})$	1183309627392
12	$\mathcal{O}(4; \{12^3, 6^6, 4, 3, 2^2\})$	1176429920256
12	$\mathcal{O}(4; \{12^3, 6^8, 4\})$	2345980133376
12	$\mathcal{O}(4; \{12^4, 2^{13}\})$	20639121408
12	$\mathcal{O}(4; \{12^4, 3^3, 2^9\})$	144473849856
12	$\mathcal{O}(4; \{12^4, 3^6, 2^5\})$	1176429920256
12	$\mathcal{O}(4; \{12^4, 3^9, 2\})$	9390800240640
12	$\mathcal{O}(4; \{12^4, 4^2, 2^{10}\})$	82556485632
12	$\mathcal{O}(4; \{12^4, 4^2, 3^3, 2^6\})$	577895399424
12	$\mathcal{O}(4; \{12^4, 4^2, 3^6, 2^2\})$	4705719681024
12	$\mathcal{O}(4; \{12^4, 4^4, 2^7\})$	330225942528
12	$\mathcal{O}(4; \{12^4, 4^4, 3^3, 2^3\})$	2311581597696
12	$\mathcal{O}(4; \{12^4, 4^6, 2^4\})$	1320903770112
12	$\mathcal{O}(4; \{12^4, 4^6, 3^3\})$	9246326390784
12	$\mathcal{O}(4; \{12^4, 4^8, 2\})$	5283615080448
12	$\mathcal{O}(4; \{12^4, 6, 3, 2^{10}\})$	75676778496
12	$\mathcal{O}(4; \{12^4, 6, 3^4, 2^6\})$	584775106560
12	$\mathcal{O}(4; \{12^4, 6, 3^7, 2^2\})$	4698839973888
12	$\mathcal{O}(4; \{12^4, 6, 4^2, 3, 2^7\})$	302707113984
12	$\mathcal{O}(4; \{12^4, 6, 4^2, 3^4, 2^3\})$	2339100426240
12	$\mathcal{O}(4; \{12^4, 6, 4^4, 3, 2^4\})$	1210828455936
12	$\mathcal{O}(4; \{12^4, 6, 4^4, 3^4\})$	9356401704960
12	$\mathcal{O}(4; \{12^4, 6, 4^6, 3, 2\})$	4843313823744
12	$\mathcal{O}(4; \{12^4, 6^2, 3^2, 2^7\})$	295827406848
12	$\mathcal{O}(4; \{12^4, 6^2, 3^5, 2^3\})$	2345980133376
12	$\mathcal{O}(4; \{12^4, 6^2, 4^2, 3^2, 2^4\})$	1183309627392
12	$\mathcal{O}(4; \{12^4, 6^2, 4^2, 3^5\})$	9383920533504
12	$\mathcal{O}(4; \{12^4, 6^2, 4^4, 3^2, 2\})$	4733238509568
12	$\mathcal{O}(4; \{12^4, 6^3, 2^8\})$	144473849856
12	$\mathcal{O}(4; \{12^4, 6^3, 3^3, 2^4\})$	1176429920256
12	$\mathcal{O}(4; \{12^4, 6^3, 3^6\})$	9390800240640
12	$\mathcal{O}(4; \{12^4, 6^3, 4^2, 2^5\})$	577895399424
12	$\mathcal{O}(4; \{12^4, 6^3, 4^2, 3^3, 2\})$	4705719681024
12	$\mathcal{O}(4; \{12^4, 6^3, 4^4, 2^2\})$	2311581597696
12	$\mathcal{O}(4; \{12^4, 6^4, 3, 2^5\})$	584775106560
12	$\mathcal{O}(4; \{12^4, 6^4, 3^4, 2\})$	4698839973888
12	$\mathcal{O}(4; \{12^4, 6^4, 4^2, 3, 2^2\})$	2339100426240
12	$\mathcal{O}(4; \{12^4, 6^5, 3^2, 2^2\})$	2345980133376
12	$\mathcal{O}(4; \{12^4, 6^6, 2^3\})$	1176429920256
12	$\mathcal{O}(4; \{12^4, 6^6, 4^2\})$	4705719681024
12	$\mathcal{O}(4; \{12^4, 6^7, 3\})$	4698839973888

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^5, 4, 3^2, 2^7\})$	577895399424
12	$\mathcal{O}(4; \{12^5, 4, 3^5, 2^3\})$	4705719681024
12	$\mathcal{O}(4; \{12^5, 4^3, 3^2, 2^4\})$	2311581597696
12	$\mathcal{O}(4; \{12^5, 4^3, 3^5\})$	18822878724096
12	$\mathcal{O}(4; \{12^5, 4^5, 3^2, 2\})$	9246326390784
12	$\mathcal{O}(4; \{12^5, 6, 4, 2^8\})$	302707113984
12	$\mathcal{O}(4; \{12^5, 6, 4, 3^3, 2^4\})$	2339100426240
12	$\mathcal{O}(4; \{12^5, 6, 4, 3^6\})$	18795359895552
12	$\mathcal{O}(4; \{12^5, 6, 4^3, 2^5\})$	1210828455936
12	$\mathcal{O}(4; \{12^5, 6, 4^3, 3^3, 2\})$	9356401704960
12	$\mathcal{O}(4; \{12^5, 6, 4^5, 2^2\})$	4843313823744
12	$\mathcal{O}(4; \{12^5, 6^2, 4, 3, 2^5\})$	1183309627392
12	$\mathcal{O}(4; \{12^5, 6^2, 4, 3^4, 2\})$	9383920533504
12	$\mathcal{O}(4; \{12^5, 6^2, 4^3, 3, 2^2\})$	4733238509568
12	$\mathcal{O}(4; \{12^5, 6^3, 4, 3^2, 2^2\})$	4705719681024
12	$\mathcal{O}(4; \{12^5, 6^4, 4, 2^3\})$	2339100426240
12	$\mathcal{O}(4; \{12^5, 6^4, 4^3\})$	9356401704960
12	$\mathcal{O}(4; \{12^5, 6^5, 4, 3\})$	9383920533504
12	$\mathcal{O}(4; \{12^6, 3, 2^8\})$	577895399424
12	$\mathcal{O}(4; \{12^6, 3^4, 2^4\})$	4705719681024
12	$\mathcal{O}(4; \{12^6, 3^7\})$	37563200962560
12	$\mathcal{O}(4; \{12^6, 4^2, 3, 2^5\})$	2311581597696
12	$\mathcal{O}(4; \{12^6, 4^2, 3^4, 2\})$	18822878724096
12	$\mathcal{O}(4; \{12^6, 4^4, 3, 2^2\})$	9246326390784
12	$\mathcal{O}(4; \{12^6, 6, 3^2, 2^5\})$	2339100426240
12	$\mathcal{O}(4; \{12^6, 6, 3^5, 2\})$	18795359895552
12	$\mathcal{O}(4; \{12^6, 6, 4^2, 3^2, 2^2\})$	9356401704960
12	$\mathcal{O}(4; \{12^6, 6^2, 2^6\})$	1183309627392
12	$\mathcal{O}(4; \{12^6, 6^2, 3^3, 2^2\})$	9383920533504
12	$\mathcal{O}(4; \{12^6, 6^2, 4^2, 2^3\})$	4733238509568
12	$\mathcal{O}(4; \{12^6, 6^2, 4^4\})$	18932954038272
12	$\mathcal{O}(4; \{12^6, 6^3, 3, 2^3\})$	4705719681024
12	$\mathcal{O}(4; \{12^6, 6^3, 4^2, 3\})$	18822878724096
12	$\mathcal{O}(4; \{12^6, 6^4, 3^2\})$	18795359895552
12	$\mathcal{O}(4; \{12^6, 6^5, 2\})$	9383920533504
12	$\mathcal{O}(4; \{12^7, 4, 2^6\})$	2311581597696
12	$\mathcal{O}(4; \{12^7, 4, 3^3, 2^2\})$	18822878724096
12	$\mathcal{O}(4; \{12^7, 4^3, 2^3\})$	9246326390784
12	$\mathcal{O}(4; \{12^7, 4^5\})$	36985305563136
12	$\mathcal{O}(4; \{12^7, 6, 4, 3, 2^3\})$	9356401704960
12	$\mathcal{O}(4; \{12^7, 6, 4^3, 3\})$	37425606819840
12	$\mathcal{O}(4; \{12^7, 6^2, 4, 3^2\})$	37535682134016
12	$\mathcal{O}(4; \{12^7, 6^3, 4, 2\})$	18822878724096

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^8, 3^2, 2^3\})$	18822878724096
12	$\mathcal{O}(4; \{12^8, 4^2, 3^2\})$	75291514896384
12	$\mathcal{O}(4; \{12^8, 6, 2^4\})$	9356401704960
12	$\mathcal{O}(4; \{12^8, 6, 3^3\})$	75181439582208
12	$\mathcal{O}(4; \{12^8, 6, 4^2, 2\})$	37425606819840
12	$\mathcal{O}(4; \{12^8, 6^2, 3, 2\})$	37535682134016
12	$\mathcal{O}(4; \{12^9, 4, 3, 2\})$	75291514896384
12	$\mathcal{O}(4; \{12^{10}, 2^2\})$	75291514896384
12	$\mathcal{O}(3; \{4^2, 3^4, 2^{16}\})$	35831808
12	$\mathcal{O}(3; \{4^2, 3^7, 2^{12}\})$	250822656
12	$\mathcal{O}(3; \{4^2, 3^{10}, 2^8\})$	2042413056
12	$\mathcal{O}(3; \{4^2, 3^{13}, 2^4\})$	16303472640
12	$\mathcal{O}(3; \{4^2, 3^{16}\})$	130463612928
12	$\mathcal{O}(3; \{4^4, 3^4, 2^{13}\})$	143327232
12	$\mathcal{O}(3; \{4^4, 3^7, 2^9\})$	1003290624
12	$\mathcal{O}(3; \{4^4, 3^{10}, 2^5\})$	8169652224
12	$\mathcal{O}(3; \{4^4, 3^{13}, 2\})$	65213890560
12	$\mathcal{O}(3; \{4^6, 3^4, 2^{10}\})$	573308928
12	$\mathcal{O}(3; \{4^6, 3^7, 2^6\})$	4013162496
12	$\mathcal{O}(3; \{4^6, 3^{10}, 2^2\})$	32678608896
12	$\mathcal{O}(3; \{4^8, 3^4, 2^7\})$	2293235712
12	$\mathcal{O}(3; \{4^8, 3^7, 2^3\})$	16052649984
12	$\mathcal{O}(3; \{4^{10}, 3^4, 2^4\})$	9172942848
12	$\mathcal{O}(3; \{4^{10}, 3^7\})$	64210599936
12	$\mathcal{O}(3; \{4^{12}, 3^4, 2\})$	36691771392
12	$\mathcal{O}(3; \{6, 4^2, 3^2, 2^{17}\})$	11943936
12	$\mathcal{O}(3; \{6, 4^2, 3^5, 2^{13}\})$	131383296
12	$\mathcal{O}(3; \{6, 4^2, 3^8, 2^9\})$	1015234560
12	$\mathcal{O}(3; \{6, 4^2, 3^{11}, 2^5\})$	8157708288
12	$\mathcal{O}(3; \{6, 4^2, 3^{14}, 2\})$	65225834496
12	$\mathcal{O}(3; \{6, 4^4, 3^2, 2^{14}\})$	47775744
12	$\mathcal{O}(3; \{6, 4^4, 3^5, 2^{10}\})$	525533184
12	$\mathcal{O}(3; \{6, 4^4, 3^8, 2^6\})$	4060938240
12	$\mathcal{O}(3; \{6, 4^4, 3^{11}, 2^2\})$	32630833152
12	$\mathcal{O}(3; \{6, 4^6, 3^2, 2^{11}\})$	191102976
12	$\mathcal{O}(3; \{6, 4^6, 3^5, 2^7\})$	2102132736
12	$\mathcal{O}(3; \{6, 4^6, 3^8, 2^3\})$	16243752960
12	$\mathcal{O}(3; \{6, 4^8, 3^2, 2^8\})$	764411904
12	$\mathcal{O}(3; \{6, 4^8, 3^5, 2^4\})$	8408530944
12	$\mathcal{O}(3; \{6, 4^8, 3^8\})$	64975011840
12	$\mathcal{O}(3; \{6, 4^{10}, 3^2, 2^5\})$	3057647616
12	$\mathcal{O}(3; \{6, 4^{10}, 3^5, 2\})$	33634123776
12	$\mathcal{O}(3; \{6, 4^{12}, 3^2, 2^2\})$	12230590464

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{6^2, 4^2, 2^{18}\})$	11943936
12	$\mathcal{O}(3; \{6^2, 4^2, 3^3, 2^{14}\})$	59719680
12	$\mathcal{O}(3; \{6^2, 4^2, 3^6, 2^{10}\})$	513589248
12	$\mathcal{O}(3; \{6^2, 4^2, 3^9, 2^6\})$	4072882176
12	$\mathcal{O}(3; \{6^2, 4^2, 3^{12}, 2^2\})$	32618889216
12	$\mathcal{O}(3; \{6^2, 4^4, 2^{15}\})$	47775744
12	$\mathcal{O}(3; \{6^2, 4^4, 3^3, 2^{11}\})$	238878720
12	$\mathcal{O}(3; \{6^2, 4^4, 3^6, 2^7\})$	2054356992
12	$\mathcal{O}(3; \{6^2, 4^4, 3^9, 2^3\})$	16291528704
12	$\mathcal{O}(3; \{6^2, 4^6, 2^{12}\})$	191102976
12	$\mathcal{O}(3; \{6^2, 4^6, 3^3, 2^8\})$	955514880
12	$\mathcal{O}(3; \{6^2, 4^6, 3^6, 2^4\})$	8217427968
12	$\mathcal{O}(3; \{6^2, 4^6, 3^9\})$	65166114816
12	$\mathcal{O}(3; \{6^2, 4^8, 2^9\})$	764411904
12	$\mathcal{O}(3; \{6^2, 4^8, 3^3, 2^5\})$	3822059520
12	$\mathcal{O}(3; \{6^2, 4^8, 3^6, 2\})$	32869711872
12	$\mathcal{O}(3; \{6^2, 4^{10}, 2^6\})$	3057647616
12	$\mathcal{O}(3; \{6^2, 4^{10}, 3^3, 2^2\})$	15288238080
12	$\mathcal{O}(3; \{6^2, 4^{12}, 2^3\})$	12230590464
12	$\mathcal{O}(3; \{6^2, 4^{14}\})$	48922361856
12	$\mathcal{O}(3; \{6^3, 4^2, 3, 2^{15}\})$	35831808
12	$\mathcal{O}(3; \{6^3, 4^2, 3^4, 2^{11}\})$	250822656
12	$\mathcal{O}(3; \{6^3, 4^2, 3^7, 2^7\})$	2042413056
12	$\mathcal{O}(3; \{6^3, 4^2, 3^{10}, 2^3\})$	16303472640
12	$\mathcal{O}(3; \{6^3, 4^4, 3, 2^{12}\})$	143327232
12	$\mathcal{O}(3; \{6^3, 4^4, 3^4, 2^8\})$	1003290624
12	$\mathcal{O}(3; \{6^3, 4^4, 3^7, 2^4\})$	8169652224
12	$\mathcal{O}(3; \{6^3, 4^4, 3^{10}\})$	65213890560
12	$\mathcal{O}(3; \{6^3, 4^6, 3, 2^9\})$	573308928
12	$\mathcal{O}(3; \{6^3, 4^6, 3^4, 2^5\})$	4013162496
12	$\mathcal{O}(3; \{6^3, 4^6, 3^7, 2\})$	32678608896
12	$\mathcal{O}(3; \{6^3, 4^8, 3, 2^6\})$	2293235712
12	$\mathcal{O}(3; \{6^3, 4^8, 3^4, 2^2\})$	16052649984
12	$\mathcal{O}(3; \{6^3, 4^{10}, 3, 2^3\})$	9172942848
12	$\mathcal{O}(3; \{6^3, 4^{12}, 3\})$	36691771392
12	$\mathcal{O}(3; \{6^4, 4^2, 3^2, 2^{12}\})$	131383296
12	$\mathcal{O}(3; \{6^4, 4^2, 3^5, 2^8\})$	1015234560
12	$\mathcal{O}(3; \{6^4, 4^2, 3^8, 2^4\})$	8157708288
12	$\mathcal{O}(3; \{6^4, 4^2, 3^{11}\})$	65225834496
12	$\mathcal{O}(3; \{6^4, 4^4, 3^2, 2^9\})$	525533184
12	$\mathcal{O}(3; \{6^4, 4^4, 3^5, 2^5\})$	4060938240
12	$\mathcal{O}(3; \{6^4, 4^4, 3^8, 2\})$	32630833152
12	$\mathcal{O}(3; \{6^4, 4^6, 3^2, 2^6\})$	2102132736

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{6^4, 4^6, 3^5, 2^2\})$	16243752960
12	$\mathcal{O}(3; \{6^4, 4^8, 3^2, 2^3\})$	8408530944
12	$\mathcal{O}(3; \{6^4, 4^{10}, 3^2\})$	33634123776
12	$\mathcal{O}(3; \{6^5, 4^2, 2^{13}\})$	59719680
12	$\mathcal{O}(3; \{6^5, 4^2, 3^3, 2^9\})$	513589248
12	$\mathcal{O}(3; \{6^5, 4^2, 3^6, 2^5\})$	4072882176
12	$\mathcal{O}(3; \{6^5, 4^2, 3^9, 2\})$	32618889216
12	$\mathcal{O}(3; \{6^5, 4^4, 2^{10}\})$	238878720
12	$\mathcal{O}(3; \{6^5, 4^4, 3^3, 2^6\})$	2054356992
12	$\mathcal{O}(3; \{6^5, 4^4, 3^6, 2^2\})$	16291528704
12	$\mathcal{O}(3; \{6^5, 4^6, 2^7\})$	955514880
12	$\mathcal{O}(3; \{6^5, 4^6, 3^3, 2^3\})$	8217427968
12	$\mathcal{O}(3; \{6^5, 4^8, 2^4\})$	3822059520
12	$\mathcal{O}(3; \{6^5, 4^8, 3^3\})$	32869711872
12	$\mathcal{O}(3; \{6^5, 4^{10}, 2\})$	15288238080
12	$\mathcal{O}(3; \{6^6, 4^2, 3, 2^{10}\})$	250822656
12	$\mathcal{O}(3; \{6^6, 4^2, 3^4, 2^6\})$	2042413056
12	$\mathcal{O}(3; \{6^6, 4^2, 3^7, 2^2\})$	16303472640
12	$\mathcal{O}(3; \{6^6, 4^4, 3, 2^7\})$	1003290624
12	$\mathcal{O}(3; \{6^6, 4^4, 3^4, 2^3\})$	8169652224
12	$\mathcal{O}(3; \{6^6, 4^6, 3, 2^4\})$	4013162496
12	$\mathcal{O}(3; \{6^6, 4^6, 3^4\})$	32678608896
12	$\mathcal{O}(3; \{6^6, 4^8, 3, 2\})$	16052649984
12	$\mathcal{O}(3; \{6^7, 4^2, 3^2, 2^7\})$	1015234560
12	$\mathcal{O}(3; \{6^7, 4^2, 3^5, 2^3\})$	8157708288
12	$\mathcal{O}(3; \{6^7, 4^4, 3^2, 2^4\})$	4060938240
12	$\mathcal{O}(3; \{6^7, 4^4, 3^5\})$	32630833152
12	$\mathcal{O}(3; \{6^7, 4^6, 3^2, 2\})$	16243752960
12	$\mathcal{O}(3; \{6^8, 4^2, 2^8\})$	513589248
12	$\mathcal{O}(3; \{6^8, 4^2, 3^3, 2^4\})$	4072882176
12	$\mathcal{O}(3; \{6^8, 4^2, 3^6\})$	32618889216
12	$\mathcal{O}(3; \{6^8, 4^4, 2^5\})$	2054356992
12	$\mathcal{O}(3; \{6^8, 4^4, 3^3, 2\})$	16291528704
12	$\mathcal{O}(3; \{6^8, 4^6, 2^2\})$	8217427968
12	$\mathcal{O}(3; \{6^9, 4^2, 3, 2^5\})$	2042413056
12	$\mathcal{O}(3; \{6^9, 4^2, 3^4, 2\})$	16303472640
12	$\mathcal{O}(3; \{6^9, 4^4, 3, 2^2\})$	8169652224
12	$\mathcal{O}(3; \{6^{10}, 4^2, 3^2, 2^2\})$	8157708288
12	$\mathcal{O}(3; \{6^{11}, 4^2, 2^3\})$	4072882176
12	$\mathcal{O}(3; \{6^{11}, 4^4\})$	16291528704
12	$\mathcal{O}(3; \{6^{12}, 4^2, 3\})$	16303472640
12	$\mathcal{O}(3; \{12, 4, 3^3, 2^{17}\})$	35831808
12	$\mathcal{O}(3; \{12, 4, 3^6, 2^{13}\})$	250822656

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12, 4, 3^9, 2^9\})$	2042413056
12	$\mathcal{O}(3; \{12, 4, 3^{12}, 2^5\})$	16303472640
12	$\mathcal{O}(3; \{12, 4, 3^{15}, 2\})$	130463612928
12	$\mathcal{O}(3; \{12, 4^3, 3^3, 2^{14}\})$	143327232
12	$\mathcal{O}(3; \{12, 4^3, 3^6, 2^{10}\})$	1003290624
12	$\mathcal{O}(3; \{12, 4^3, 3^9, 2^6\})$	8169652224
12	$\mathcal{O}(3; \{12, 4^3, 3^{12}, 2^2\})$	65213890560
12	$\mathcal{O}(3; \{12, 4^5, 3^3, 2^{11}\})$	573308928
12	$\mathcal{O}(3; \{12, 4^5, 3^6, 2^7\})$	4013162496
12	$\mathcal{O}(3; \{12, 4^5, 3^9, 2^3\})$	32678608896
12	$\mathcal{O}(3; \{12, 4^7, 3^3, 2^8\})$	2293235712
12	$\mathcal{O}(3; \{12, 4^7, 3^6, 2^4\})$	16052649984
12	$\mathcal{O}(3; \{12, 4^7, 3^9\})$	130714435584
12	$\mathcal{O}(3; \{12, 4^9, 3^3, 2^5\})$	9172942848
12	$\mathcal{O}(3; \{12, 4^9, 3^6, 2\})$	64210599936
12	$\mathcal{O}(3; \{12, 4^{11}, 3^3, 2^2\})$	36691771392
12	$\mathcal{O}(3; \{12, 6, 4, 3, 2^{18}\})$	11943936
12	$\mathcal{O}(3; \{12, 6, 4, 3^4, 2^{14}\})$	131383296
12	$\mathcal{O}(3; \{12, 6, 4, 3^7, 2^{10}\})$	1015234560
12	$\mathcal{O}(3; \{12, 6, 4, 3^{10}, 2^6\})$	8157708288
12	$\mathcal{O}(3; \{12, 6, 4, 3^{13}, 2^2\})$	65225834496
12	$\mathcal{O}(3; \{12, 6, 4^3, 3, 2^{15}\})$	47775744
12	$\mathcal{O}(3; \{12, 6, 4^3, 3^4, 2^{11}\})$	525533184
12	$\mathcal{O}(3; \{12, 6, 4^3, 3^7, 2^7\})$	4060938240
12	$\mathcal{O}(3; \{12, 6, 4^3, 3^{10}, 2^3\})$	32630833152
12	$\mathcal{O}(3; \{12, 6, 4^5, 3, 2^{12}\})$	191102976
12	$\mathcal{O}(3; \{12, 6, 4^5, 3^4, 2^8\})$	2102132736
12	$\mathcal{O}(3; \{12, 6, 4^5, 3^7, 2^4\})$	16243752960
12	$\mathcal{O}(3; \{12, 6, 4^5, 3^{10}\})$	130523332608
12	$\mathcal{O}(3; \{12, 6, 4^7, 3, 2^9\})$	764411904
12	$\mathcal{O}(3; \{12, 6, 4^7, 3^4, 2^5\})$	8408530944
12	$\mathcal{O}(3; \{12, 6, 4^7, 3^7, 2\})$	64975011840
12	$\mathcal{O}(3; \{12, 6, 4^9, 3, 2^6\})$	3057647616
12	$\mathcal{O}(3; \{12, 6, 4^9, 3^4, 2^2\})$	33634123776
12	$\mathcal{O}(3; \{12, 6, 4^{11}, 3, 2^3\})$	12230590464
12	$\mathcal{O}(3; \{12, 6, 4^{13}, 3\})$	48922361856
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^2, 2^{15}\})$	59719680
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^5, 2^{11}\})$	513589248
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^8, 2^7\})$	4072882176
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^{11}, 2^3\})$	32618889216
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 3^2, 2^{12}\})$	238878720
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 3^5, 2^8\})$	2054356992
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 3^8, 2^4\})$	16291528704

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 3^{11}\})$	130475556864
12	$\mathcal{O}(3; \{12, 6^2, 4^5, 3^2, 2^9\})$	955514880
12	$\mathcal{O}(3; \{12, 6^2, 4^5, 3^5, 2^5\})$	8217427968
12	$\mathcal{O}(3; \{12, 6^2, 4^5, 3^8, 2\})$	65166114816
12	$\mathcal{O}(3; \{12, 6^2, 4^7, 3^2, 2^6\})$	3822059520
12	$\mathcal{O}(3; \{12, 6^2, 4^7, 3^5, 2^2\})$	32869711872
12	$\mathcal{O}(3; \{12, 6^2, 4^9, 3^2, 2^3\})$	15288238080
12	$\mathcal{O}(3; \{12, 6^2, 4^{11}, 3^2\})$	61152952320
12	$\mathcal{O}(3; \{12, 6^3, 4, 2^{16}\})$	35831808
12	$\mathcal{O}(3; \{12, 6^3, 4, 3^3, 2^{12}\})$	250822656
12	$\mathcal{O}(3; \{12, 6^3, 4, 3^6, 2^8\})$	2042413056
12	$\mathcal{O}(3; \{12, 6^3, 4, 3^9, 2^4\})$	16303472640
12	$\mathcal{O}(3; \{12, 6^3, 4, 3^{12}\})$	130463612928
12	$\mathcal{O}(3; \{12, 6^3, 4^3, 2^{13}\})$	143327232
12	$\mathcal{O}(3; \{12, 6^3, 4^3, 3^3, 2^9\})$	1003290624
12	$\mathcal{O}(3; \{12, 6^3, 4^3, 3^6, 2^5\})$	8169652224
12	$\mathcal{O}(3; \{12, 6^3, 4^3, 3^9, 2\})$	65213890560
12	$\mathcal{O}(3; \{12, 6^3, 4^5, 2^{10}\})$	573308928
12	$\mathcal{O}(3; \{12, 6^3, 4^5, 3^3, 2^6\})$	4013162496
12	$\mathcal{O}(3; \{12, 6^3, 4^5, 3^6, 2^2\})$	32678608896
12	$\mathcal{O}(3; \{12, 6^3, 4^7, 2^7\})$	2293235712
12	$\mathcal{O}(3; \{12, 6^3, 4^7, 3^3, 2^3\})$	16052649984
12	$\mathcal{O}(3; \{12, 6^3, 4^9, 2^4\})$	9172942848
12	$\mathcal{O}(3; \{12, 6^3, 4^9, 3^3\})$	64210599936
12	$\mathcal{O}(3; \{12, 6^3, 4^{11}, 2\})$	36691771392
12	$\mathcal{O}(3; \{12, 6^4, 4, 3, 2^{13}\})$	131383296
12	$\mathcal{O}(3; \{12, 6^4, 4, 3^4, 2^9\})$	1015234560
12	$\mathcal{O}(3; \{12, 6^4, 4, 3^7, 2^5\})$	8157708288
12	$\mathcal{O}(3; \{12, 6^4, 4, 3^{10}, 2\})$	65225834496
12	$\mathcal{O}(3; \{12, 6^4, 4^3, 3, 2^{10}\})$	525533184
12	$\mathcal{O}(3; \{12, 6^4, 4^3, 3^4, 2^6\})$	4060938240
12	$\mathcal{O}(3; \{12, 6^4, 4^3, 3^7, 2^2\})$	32630833152
12	$\mathcal{O}(3; \{12, 6^4, 4^5, 3, 2^7\})$	2102132736
12	$\mathcal{O}(3; \{12, 6^4, 4^5, 3^4, 2^3\})$	16243752960
12	$\mathcal{O}(3; \{12, 6^4, 4^7, 3, 2^4\})$	8408530944
12	$\mathcal{O}(3; \{12, 6^4, 4^7, 3^4\})$	64975011840
12	$\mathcal{O}(3; \{12, 6^4, 4^9, 3, 2\})$	33634123776
12	$\mathcal{O}(3; \{12, 6^5, 4, 3^2, 2^{10}\})$	513589248
12	$\mathcal{O}(3; \{12, 6^5, 4, 3^5, 2^6\})$	4072882176
12	$\mathcal{O}(3; \{12, 6^5, 4, 3^8, 2^2\})$	32618889216
12	$\mathcal{O}(3; \{12, 6^5, 4^3, 3^2, 2^7\})$	2054356992
12	$\mathcal{O}(3; \{12, 6^5, 4^3, 3^5, 2^3\})$	16291528704
12	$\mathcal{O}(3; \{12, 6^5, 4^5, 3^2, 2^4\})$	8217427968

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12, 6^5, 4^5, 3^5\})$	65166114816
12	$\mathcal{O}(3; \{12, 6^5, 4^7, 3^2, 2\})$	32869711872
12	$\mathcal{O}(3; \{12, 6^6, 4, 2^{11}\})$	250822656
12	$\mathcal{O}(3; \{12, 6^6, 4, 3^3, 2^7\})$	2042413056
12	$\mathcal{O}(3; \{12, 6^6, 4, 3^6, 2^3\})$	16303472640
12	$\mathcal{O}(3; \{12, 6^6, 4^3, 2^8\})$	1003290624
12	$\mathcal{O}(3; \{12, 6^6, 4^3, 3^3, 2^4\})$	8169652224
12	$\mathcal{O}(3; \{12, 6^6, 4^3, 3^6\})$	65213890560
12	$\mathcal{O}(3; \{12, 6^6, 4^5, 2^5\})$	4013162496
12	$\mathcal{O}(3; \{12, 6^6, 4^5, 3^3, 2\})$	32678608896
12	$\mathcal{O}(3; \{12, 6^6, 4^7, 2^2\})$	16052649984
12	$\mathcal{O}(3; \{12, 6^7, 4, 3, 2^8\})$	1015234560
12	$\mathcal{O}(3; \{12, 6^7, 4, 3^4, 2^4\})$	8157708288
12	$\mathcal{O}(3; \{12, 6^7, 4, 3^7\})$	65225834496
12	$\mathcal{O}(3; \{12, 6^7, 4^3, 3, 2^5\})$	4060938240
12	$\mathcal{O}(3; \{12, 6^7, 4^3, 3^4, 2\})$	32630833152
12	$\mathcal{O}(3; \{12, 6^7, 4^5, 3, 2^2\})$	16243752960
12	$\mathcal{O}(3; \{12, 6^8, 4, 3^2, 2^5\})$	4072882176
12	$\mathcal{O}(3; \{12, 6^8, 4, 3^5, 2\})$	32618889216
12	$\mathcal{O}(3; \{12, 6^8, 4^3, 3^2, 2^2\})$	16291528704
12	$\mathcal{O}(3; \{12, 6^9, 4, 2^6\})$	2042413056
12	$\mathcal{O}(3; \{12, 6^9, 4, 3^3, 2^2\})$	16303472640
12	$\mathcal{O}(3; \{12, 6^9, 4^3, 2^3\})$	8169652224
12	$\mathcal{O}(3; \{12, 6^9, 4^5\})$	32678608896
12	$\mathcal{O}(3; \{12, 6^{10}, 4, 3, 2^3\})$	8157708288
12	$\mathcal{O}(3; \{12, 6^{10}, 4^3, 3\})$	32630833152
12	$\mathcal{O}(3; \{12, 6^{11}, 4, 3^2\})$	32618889216
12	$\mathcal{O}(3; \{12, 6^{12}, 4, 2\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 3^2, 2^{18}\})$	35831808
12	$\mathcal{O}(3; \{12^2, 3^5, 2^{14}\})$	250822656
12	$\mathcal{O}(3; \{12^2, 3^8, 2^{10}\})$	2042413056
12	$\mathcal{O}(3; \{12^2, 3^{11}, 2^6\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 3^{14}, 2^2\})$	130463612928
12	$\mathcal{O}(3; \{12^2, 4^2, 3^2, 2^{15}\})$	143327232
12	$\mathcal{O}(3; \{12^2, 4^2, 3^5, 2^{11}\})$	1003290624
12	$\mathcal{O}(3; \{12^2, 4^2, 3^8, 2^7\})$	8169652224
12	$\mathcal{O}(3; \{12^2, 4^2, 3^{11}, 2^3\})$	65213890560
12	$\mathcal{O}(3; \{12^2, 4^4, 3^2, 2^{12}\})$	573308928
12	$\mathcal{O}(3; \{12^2, 4^4, 3^5, 2^8\})$	4013162496
12	$\mathcal{O}(3; \{12^2, 4^4, 3^8, 2^4\})$	32678608896
12	$\mathcal{O}(3; \{12^2, 4^4, 3^{11}\})$	260855562240
12	$\mathcal{O}(3; \{12^2, 4^6, 3^2, 2^9\})$	2293235712
12	$\mathcal{O}(3; \{12^2, 4^6, 3^5, 2^5\})$	16052649984

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^2, 4^6, 3^8, 2\})$	130714435584
12	$\mathcal{O}(3; \{12^2, 4^8, 3^2, 2^6\})$	9172942848
12	$\mathcal{O}(3; \{12^2, 4^8, 3^5, 2^2\})$	64210599936
12	$\mathcal{O}(3; \{12^2, 4^{10}, 3^2, 2^3\})$	36691771392
12	$\mathcal{O}(3; \{12^2, 4^{12}, 3^2\})$	146767085568
12	$\mathcal{O}(3; \{12^2, 6, 2^{19}\})$	11943936
12	$\mathcal{O}(3; \{12^2, 6, 3^3, 2^{15}\})$	131383296
12	$\mathcal{O}(3; \{12^2, 6, 3^6, 2^{11}\})$	1015234560
12	$\mathcal{O}(3; \{12^2, 6, 3^9, 2^7\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 6, 3^{12}, 2^3\})$	65225834496
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 2^{16}\})$	47775744
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3^3, 2^{12}\})$	525533184
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3^6, 2^8\})$	4060938240
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3^9, 2^4\})$	32630833152
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3^{12}\})$	260903337984
12	$\mathcal{O}(3; \{12^2, 6, 4^4, 2^{13}\})$	191102976
12	$\mathcal{O}(3; \{12^2, 6, 4^4, 3^3, 2^9\})$	2102132736
12	$\mathcal{O}(3; \{12^2, 6, 4^4, 3^6, 2^5\})$	16243752960
12	$\mathcal{O}(3; \{12^2, 6, 4^4, 3^9, 2\})$	130523332608
12	$\mathcal{O}(3; \{12^2, 6, 4^6, 2^{10}\})$	764411904
12	$\mathcal{O}(3; \{12^2, 6, 4^6, 3^3, 2^6\})$	8408530944
12	$\mathcal{O}(3; \{12^2, 6, 4^6, 3^6, 2^2\})$	64975011840
12	$\mathcal{O}(3; \{12^2, 6, 4^8, 2^7\})$	3057647616
12	$\mathcal{O}(3; \{12^2, 6, 4^8, 3^3, 2^3\})$	33634123776
12	$\mathcal{O}(3; \{12^2, 6, 4^{10}, 2^4\})$	12230590464
12	$\mathcal{O}(3; \{12^2, 6, 4^{10}, 3^3\})$	134536495104
12	$\mathcal{O}(3; \{12^2, 6, 4^{12}, 2\})$	48922361856
12	$\mathcal{O}(3; \{12^2, 6^2, 3, 2^{16}\})$	59719680
12	$\mathcal{O}(3; \{12^2, 6^2, 3^4, 2^{12}\})$	513589248
12	$\mathcal{O}(3; \{12^2, 6^2, 3^7, 2^8\})$	4072882176
12	$\mathcal{O}(3; \{12^2, 6^2, 3^{10}, 2^4\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 6^2, 3^{13}\})$	260915281920
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 3, 2^{13}\})$	238878720
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 3^4, 2^9\})$	2054356992
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 3^7, 2^5\})$	16291528704
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 3^{10}, 2\})$	130475556864
12	$\mathcal{O}(3; \{12^2, 6^2, 4^4, 3, 2^{10}\})$	955514880
12	$\mathcal{O}(3; \{12^2, 6^2, 4^4, 3^4, 2^6\})$	8217427968
12	$\mathcal{O}(3; \{12^2, 6^2, 4^4, 3^7, 2^2\})$	65166114816
12	$\mathcal{O}(3; \{12^2, 6^2, 4^6, 3, 2^7\})$	3822059520
12	$\mathcal{O}(3; \{12^2, 6^2, 4^6, 3^4, 2^3\})$	32869711872
12	$\mathcal{O}(3; \{12^2, 6^2, 4^8, 3, 2^4\})$	15288238080
12	$\mathcal{O}(3; \{12^2, 6^2, 4^8, 3^4\})$	131478847488

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^2, 6^2, 4^{10}, 3, 2\})$	61152952320
12	$\mathcal{O}(3; \{12^2, 6^3, 3^2, 2^{13}\})$	250822656
12	$\mathcal{O}(3; \{12^2, 6^3, 3^5, 2^9\})$	2042413056
12	$\mathcal{O}(3; \{12^2, 6^3, 3^8, 2^5\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 6^3, 3^{11}, 2\})$	130463612928
12	$\mathcal{O}(3; \{12^2, 6^3, 4^2, 3^2, 2^{10}\})$	1003290624
12	$\mathcal{O}(3; \{12^2, 6^3, 4^2, 3^5, 2^6\})$	8169652224
12	$\mathcal{O}(3; \{12^2, 6^3, 4^2, 3^8, 2^2\})$	65213890560
12	$\mathcal{O}(3; \{12^2, 6^3, 4^4, 3^2, 2^7\})$	4013162496
12	$\mathcal{O}(3; \{12^2, 6^3, 4^4, 3^5, 2^3\})$	32678608896
12	$\mathcal{O}(3; \{12^2, 6^3, 4^6, 3^2, 2^4\})$	16052649984
12	$\mathcal{O}(3; \{12^2, 6^3, 4^6, 3^5\})$	130714435584
12	$\mathcal{O}(3; \{12^2, 6^3, 4^8, 3^2, 2\})$	64210599936
12	$\mathcal{O}(3; \{12^2, 6^4, 2^{14}\})$	131383296
12	$\mathcal{O}(3; \{12^2, 6^4, 3^3, 2^{10}\})$	1015234560
12	$\mathcal{O}(3; \{12^2, 6^4, 3^6, 2^6\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 6^4, 3^9, 2^2\})$	65225834496
12	$\mathcal{O}(3; \{12^2, 6^4, 4^2, 2^{11}\})$	525533184
12	$\mathcal{O}(3; \{12^2, 6^4, 4^2, 3^3, 2^7\})$	4060938240
12	$\mathcal{O}(3; \{12^2, 6^4, 4^2, 3^6, 2^3\})$	32630833152
12	$\mathcal{O}(3; \{12^2, 6^4, 4^4, 2^8\})$	2102132736
12	$\mathcal{O}(3; \{12^2, 6^4, 4^4, 3^3, 2^4\})$	16243752960
12	$\mathcal{O}(3; \{12^2, 6^4, 4^4, 3^6\})$	130523332608
12	$\mathcal{O}(3; \{12^2, 6^4, 4^6, 2^5\})$	8408530944
12	$\mathcal{O}(3; \{12^2, 6^4, 4^6, 3^3, 2\})$	64975011840
12	$\mathcal{O}(3; \{12^2, 6^4, 4^8, 2^2\})$	33634123776
12	$\mathcal{O}(3; \{12^2, 6^5, 3, 2^{11}\})$	513589248
12	$\mathcal{O}(3; \{12^2, 6^5, 3^4, 2^7\})$	4072882176
12	$\mathcal{O}(3; \{12^2, 6^5, 3^7, 2^3\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 6^5, 4^2, 3, 2^8\})$	2054356992
12	$\mathcal{O}(3; \{12^2, 6^5, 4^2, 3^4, 2^4\})$	16291528704
12	$\mathcal{O}(3; \{12^2, 6^5, 4^2, 3^7\})$	130475556864
12	$\mathcal{O}(3; \{12^2, 6^5, 4^4, 3, 2^5\})$	8217427968
12	$\mathcal{O}(3; \{12^2, 6^5, 4^4, 3^4, 2\})$	65166114816
12	$\mathcal{O}(3; \{12^2, 6^5, 4^6, 3, 2^2\})$	32869711872
12	$\mathcal{O}(3; \{12^2, 6^6, 3^2, 2^8\})$	2042413056
12	$\mathcal{O}(3; \{12^2, 6^6, 3^5, 2^4\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 6^6, 3^8\})$	130463612928
12	$\mathcal{O}(3; \{12^2, 6^6, 4^2, 3^2, 2^5\})$	8169652224
12	$\mathcal{O}(3; \{12^2, 6^6, 4^2, 3^5, 2\})$	65213890560
12	$\mathcal{O}(3; \{12^2, 6^6, 4^4, 3^2, 2^2\})$	32678608896
12	$\mathcal{O}(3; \{12^2, 6^7, 2^9\})$	1015234560
12	$\mathcal{O}(3; \{12^2, 6^7, 3^3, 2^5\})$	8157708288

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^2, 6^7, 3^6, 2\})$	65225834496
12	$\mathcal{O}(3; \{12^2, 6^7, 4^2, 2^6\})$	4060938240
12	$\mathcal{O}(3; \{12^2, 6^7, 4^2, 3^3, 2^2\})$	32630833152
12	$\mathcal{O}(3; \{12^2, 6^7, 4^4, 2^3\})$	16243752960
12	$\mathcal{O}(3; \{12^2, 6^7, 4^6\})$	64975011840
12	$\mathcal{O}(3; \{12^2, 6^8, 3, 2^6\})$	4072882176
12	$\mathcal{O}(3; \{12^2, 6^8, 3^4, 2^2\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 6^8, 4^2, 3, 2^3\})$	16291528704
12	$\mathcal{O}(3; \{12^2, 6^8, 4^4, 3\})$	65166114816
12	$\mathcal{O}(3; \{12^2, 6^9, 3^2, 2^3\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 6^9, 4^2, 3^2\})$	65213890560
12	$\mathcal{O}(3; \{12^2, 6^{10}, 2^4\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 6^{10}, 3^3\})$	65225834496
12	$\mathcal{O}(3; \{12^2, 6^{10}, 4^2, 2\})$	32630833152
12	$\mathcal{O}(3; \{12^2, 6^{11}, 3, 2\})$	32618889216
12	$\mathcal{O}(3; \{12^3, 4, 3, 2^{16}\})$	143327232
12	$\mathcal{O}(3; \{12^3, 4, 3^4, 2^{12}\})$	1003290624
12	$\mathcal{O}(3; \{12^3, 4, 3^7, 2^8\})$	8169652224
12	$\mathcal{O}(3; \{12^3, 4, 3^{10}, 2^4\})$	65213890560
12	$\mathcal{O}(3; \{12^3, 4, 3^{13}\})$	521854451712
12	$\mathcal{O}(3; \{12^3, 4^3, 3, 2^{13}\})$	573308928
12	$\mathcal{O}(3; \{12^3, 4^3, 3^4, 2^9\})$	4013162496
12	$\mathcal{O}(3; \{12^3, 4^3, 3^7, 2^5\})$	32678608896
12	$\mathcal{O}(3; \{12^3, 4^3, 3^{10}, 2\})$	260855562240
12	$\mathcal{O}(3; \{12^3, 4^5, 3, 2^{10}\})$	2293235712
12	$\mathcal{O}(3; \{12^3, 4^5, 3^4, 2^6\})$	16052649984
12	$\mathcal{O}(3; \{12^3, 4^5, 3^7, 2^2\})$	130714435584
12	$\mathcal{O}(3; \{12^3, 4^7, 3, 2^7\})$	9172942848
12	$\mathcal{O}(3; \{12^3, 4^7, 3^4, 2^3\})$	64210599936
12	$\mathcal{O}(3; \{12^3, 4^9, 3, 2^4\})$	36691771392
12	$\mathcal{O}(3; \{12^3, 4^9, 3^4\})$	256842399744
12	$\mathcal{O}(3; \{12^3, 4^{11}, 3, 2\})$	146767085568
12	$\mathcal{O}(3; \{12^3, 6, 4, 3^2, 2^{13}\})$	525533184
12	$\mathcal{O}(3; \{12^3, 6, 4, 3^5, 2^9\})$	4060938240
12	$\mathcal{O}(3; \{12^3, 6, 4, 3^8, 2^5\})$	32630833152
12	$\mathcal{O}(3; \{12^3, 6, 4, 3^{11}, 2\})$	260903337984
12	$\mathcal{O}(3; \{12^3, 6, 4^3, 3^2, 2^{10}\})$	2102132736
12	$\mathcal{O}(3; \{12^3, 6, 4^3, 3^5, 2^6\})$	16243752960
12	$\mathcal{O}(3; \{12^3, 6, 4^3, 3^8, 2^2\})$	130523332608
12	$\mathcal{O}(3; \{12^3, 6, 4^5, 3^2, 2^7\})$	8408530944
12	$\mathcal{O}(3; \{12^3, 6, 4^5, 3^5, 2^3\})$	64975011840
12	$\mathcal{O}(3; \{12^3, 6, 4^7, 3^2, 2^4\})$	33634123776
12	$\mathcal{O}(3; \{12^3, 6, 4^7, 3^5\})$	259900047360

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^3, 6, 4^9, 3^2, 2\})$	134536495104
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 2^{14}\})$	238878720
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 3^3, 2^{10}\})$	2054356992
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 3^6, 2^6\})$	16291528704
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 3^9, 2^2\})$	130475556864
12	$\mathcal{O}(3; \{12^3, 6^2, 4^3, 2^{11}\})$	955514880
12	$\mathcal{O}(3; \{12^3, 6^2, 4^3, 3^3, 2^7\})$	8217427968
12	$\mathcal{O}(3; \{12^3, 6^2, 4^3, 3^6, 2^3\})$	65166114816
12	$\mathcal{O}(3; \{12^3, 6^2, 4^5, 2^8\})$	3822059520
12	$\mathcal{O}(3; \{12^3, 6^2, 4^5, 3^3, 2^4\})$	32869711872
12	$\mathcal{O}(3; \{12^3, 6^2, 4^5, 3^6\})$	260664459264
12	$\mathcal{O}(3; \{12^3, 6^2, 4^7, 2^5\})$	15288238080
12	$\mathcal{O}(3; \{12^3, 6^2, 4^7, 3^3, 2\})$	131478847488
12	$\mathcal{O}(3; \{12^3, 6^2, 4^9, 2^2\})$	61152952320
12	$\mathcal{O}(3; \{12^3, 6^3, 4, 3, 2^{11}\})$	1003290624
12	$\mathcal{O}(3; \{12^3, 6^3, 4, 3^4, 2^7\})$	8169652224
12	$\mathcal{O}(3; \{12^3, 6^3, 4, 3^7, 2^3\})$	65213890560
12	$\mathcal{O}(3; \{12^3, 6^3, 4^3, 3, 2^8\})$	4013162496
12	$\mathcal{O}(3; \{12^3, 6^3, 4^3, 3^4, 2^4\})$	32678608896
12	$\mathcal{O}(3; \{12^3, 6^3, 4^3, 3^7\})$	260855562240
12	$\mathcal{O}(3; \{12^3, 6^3, 4^5, 3, 2^5\})$	16052649984
12	$\mathcal{O}(3; \{12^3, 6^3, 4^5, 3^4, 2\})$	130714435584
12	$\mathcal{O}(3; \{12^3, 6^3, 4^7, 3, 2^2\})$	64210599936
12	$\mathcal{O}(3; \{12^3, 6^4, 4, 3^2, 2^8\})$	4060938240
12	$\mathcal{O}(3; \{12^3, 6^4, 4, 3^5, 2^4\})$	32630833152
12	$\mathcal{O}(3; \{12^3, 6^4, 4, 3^8\})$	260903337984
12	$\mathcal{O}(3; \{12^3, 6^4, 4^3, 3^2, 2^5\})$	16243752960
12	$\mathcal{O}(3; \{12^3, 6^4, 4^3, 3^5, 2\})$	130523332608
12	$\mathcal{O}(3; \{12^3, 6^4, 4^5, 3^2, 2^2\})$	64975011840
12	$\mathcal{O}(3; \{12^3, 6^5, 4, 2^9\})$	2054356992
12	$\mathcal{O}(3; \{12^3, 6^5, 4, 3^3, 2^5\})$	16291528704
12	$\mathcal{O}(3; \{12^3, 6^5, 4, 3^6, 2\})$	130475556864
12	$\mathcal{O}(3; \{12^3, 6^5, 4^3, 2^6\})$	8217427968
12	$\mathcal{O}(3; \{12^3, 6^5, 4^3, 3^3, 2^2\})$	65166114816
12	$\mathcal{O}(3; \{12^3, 6^5, 4^5, 2^3\})$	32869711872
12	$\mathcal{O}(3; \{12^3, 6^5, 4^7\})$	131478847488
12	$\mathcal{O}(3; \{12^3, 6^6, 4, 3, 2^6\})$	8169652224
12	$\mathcal{O}(3; \{12^3, 6^6, 4, 3^4, 2^2\})$	65213890560
12	$\mathcal{O}(3; \{12^3, 6^6, 4^3, 3, 2^3\})$	32678608896
12	$\mathcal{O}(3; \{12^3, 6^6, 4^5, 3\})$	130714435584
12	$\mathcal{O}(3; \{12^3, 6^7, 4, 3^2, 2^3\})$	32630833152
12	$\mathcal{O}(3; \{12^3, 6^7, 4^3, 3^2\})$	130523332608
12	$\mathcal{O}(3; \{12^3, 6^8, 4, 2^4\})$	16291528704

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^3, 6^8, 4, 3^3\})$	130475556864
12	$\mathcal{O}(3; \{12^3, 6^8, 4^3, 2\})$	65166114816
12	$\mathcal{O}(3; \{12^3, 6^9, 4, 3, 2\})$	65213890560
12	$\mathcal{O}(3; \{12^4, 2^{17}\})$	143327232
12	$\mathcal{O}(3; \{12^4, 3^3, 2^{13}\})$	1003290624
12	$\mathcal{O}(3; \{12^4, 3^6, 2^9\})$	8169652224
12	$\mathcal{O}(3; \{12^4, 3^9, 2^5\})$	65213890560
12	$\mathcal{O}(3; \{12^4, 3^{12}, 2\})$	521854451712
12	$\mathcal{O}(3; \{12^4, 4^2, 2^{14}\})$	573308928
12	$\mathcal{O}(3; \{12^4, 4^2, 3^3, 2^{10}\})$	4013162496
12	$\mathcal{O}(3; \{12^4, 4^2, 3^6, 2^6\})$	32678608896
12	$\mathcal{O}(3; \{12^4, 4^2, 3^9, 2^2\})$	260855562240
12	$\mathcal{O}(3; \{12^4, 4^4, 2^{11}\})$	2293235712
12	$\mathcal{O}(3; \{12^4, 4^4, 3^3, 2^7\})$	16052649984
12	$\mathcal{O}(3; \{12^4, 4^4, 3^6, 2^3\})$	130714435584
12	$\mathcal{O}(3; \{12^4, 4^6, 2^8\})$	9172942848
12	$\mathcal{O}(3; \{12^4, 4^6, 3^3, 2^4\})$	64210599936
12	$\mathcal{O}(3; \{12^4, 4^6, 3^6\})$	522857742336
12	$\mathcal{O}(3; \{12^4, 4^8, 2^5\})$	36691771392
12	$\mathcal{O}(3; \{12^4, 4^8, 3^3, 2\})$	256842399744
12	$\mathcal{O}(3; \{12^4, 4^{10}, 2^2\})$	146767085568
12	$\mathcal{O}(3; \{12^4, 6, 3, 2^{14}\})$	525533184
12	$\mathcal{O}(3; \{12^4, 6, 3^4, 2^{10}\})$	4060938240
12	$\mathcal{O}(3; \{12^4, 6, 3^7, 2^6\})$	32630833152
12	$\mathcal{O}(3; \{12^4, 6, 3^{10}, 2^2\})$	260903337984
12	$\mathcal{O}(3; \{12^4, 6, 4^2, 3, 2^{11}\})$	2102132736
12	$\mathcal{O}(3; \{12^4, 6, 4^2, 3^4, 2^7\})$	16243752960
12	$\mathcal{O}(3; \{12^4, 6, 4^2, 3^7, 2^3\})$	130523332608
12	$\mathcal{O}(3; \{12^4, 6, 4^4, 3, 2^8\})$	8408530944
12	$\mathcal{O}(3; \{12^4, 6, 4^4, 3^4, 2^4\})$	64975011840
12	$\mathcal{O}(3; \{12^4, 6, 4^4, 3^7\})$	522093330432
12	$\mathcal{O}(3; \{12^4, 6, 4^6, 3, 2^5\})$	33634123776
12	$\mathcal{O}(3; \{12^4, 6, 4^6, 3^4, 2\})$	259900047360
12	$\mathcal{O}(3; \{12^4, 6, 4^8, 3, 2^2\})$	134536495104
12	$\mathcal{O}(3; \{12^4, 6^2, 3^2, 2^{11}\})$	2054356992
12	$\mathcal{O}(3; \{12^4, 6^2, 3^5, 2^7\})$	16291528704
12	$\mathcal{O}(3; \{12^4, 6^2, 3^8, 2^3\})$	130475556864
12	$\mathcal{O}(3; \{12^4, 6^2, 4^2, 3^2, 2^8\})$	8217427968
12	$\mathcal{O}(3; \{12^4, 6^2, 4^2, 3^5, 2^4\})$	65166114816
12	$\mathcal{O}(3; \{12^4, 6^2, 4^2, 3^8\})$	521902227456
12	$\mathcal{O}(3; \{12^4, 6^2, 4^4, 3^2, 2^5\})$	32869711872
12	$\mathcal{O}(3; \{12^4, 6^2, 4^4, 3^5, 2\})$	260664459264
12	$\mathcal{O}(3; \{12^4, 6^2, 4^6, 3^2, 2^2\})$	131478847488

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^4, 6^3, 2^{12}\})$	1003290624
12	$\mathcal{O}(3; \{12^4, 6^3, 3^3, 2^8\})$	8169652224
12	$\mathcal{O}(3; \{12^4, 6^3, 3^6, 2^4\})$	65213890560
12	$\mathcal{O}(3; \{12^4, 6^3, 3^9\})$	521854451712
12	$\mathcal{O}(3; \{12^4, 6^3, 4^2, 2^9\})$	4013162496
12	$\mathcal{O}(3; \{12^4, 6^3, 4^2, 3^3, 2^5\})$	32678608896
12	$\mathcal{O}(3; \{12^4, 6^3, 4^2, 3^6, 2\})$	260855562240
12	$\mathcal{O}(3; \{12^4, 6^3, 4^4, 2^6\})$	16052649984
12	$\mathcal{O}(3; \{12^4, 6^3, 4^4, 3^3, 2^2\})$	130714435584
12	$\mathcal{O}(3; \{12^4, 6^3, 4^6, 2^3\})$	64210599936
12	$\mathcal{O}(3; \{12^4, 6^3, 4^8\})$	256842399744
12	$\mathcal{O}(3; \{12^4, 6^4, 3, 2^9\})$	4060938240
12	$\mathcal{O}(3; \{12^4, 6^4, 3^4, 2^5\})$	32630833152
12	$\mathcal{O}(3; \{12^4, 6^4, 3^7, 2\})$	260903337984
12	$\mathcal{O}(3; \{12^4, 6^4, 4^2, 3, 2^6\})$	16243752960
12	$\mathcal{O}(3; \{12^4, 6^4, 4^2, 3^4, 2^2\})$	130523332608
12	$\mathcal{O}(3; \{12^4, 6^4, 4^4, 3, 2^3\})$	64975011840
12	$\mathcal{O}(3; \{12^4, 6^4, 4^6, 3\})$	259900047360
12	$\mathcal{O}(3; \{12^4, 6^5, 3^2, 2^6\})$	16291528704
12	$\mathcal{O}(3; \{12^4, 6^5, 3^5, 2^2\})$	130475556864
12	$\mathcal{O}(3; \{12^4, 6^5, 4^2, 3^2, 2^3\})$	65166114816
12	$\mathcal{O}(3; \{12^4, 6^5, 4^4, 3^2\})$	260664459264
12	$\mathcal{O}(3; \{12^4, 6^6, 2^7\})$	8169652224
12	$\mathcal{O}(3; \{12^4, 6^6, 3^3, 2^3\})$	65213890560
12	$\mathcal{O}(3; \{12^4, 6^6, 4^2, 2^4\})$	32678608896
12	$\mathcal{O}(3; \{12^4, 6^6, 4^2, 3^3\})$	260855562240
12	$\mathcal{O}(3; \{12^4, 6^6, 4^4, 2\})$	130714435584
12	$\mathcal{O}(3; \{12^4, 6^7, 3, 2^4\})$	32630833152
12	$\mathcal{O}(3; \{12^4, 6^7, 3^4\})$	260903337984
12	$\mathcal{O}(3; \{12^4, 6^7, 4^2, 3, 2\})$	130523332608
12	$\mathcal{O}(3; \{12^4, 6^8, 3^2, 2\})$	130475556864
12	$\mathcal{O}(3; \{12^4, 6^9, 2^2\})$	65213890560
12	$\mathcal{O}(3; \{12^5, 4, 3^2, 2^{11}\})$	4013162496
12	$\mathcal{O}(3; \{12^5, 4, 3^5, 2^7\})$	32678608896
12	$\mathcal{O}(3; \{12^5, 4, 3^8, 2^3\})$	260855562240
12	$\mathcal{O}(3; \{12^5, 4^3, 3^2, 2^8\})$	16052649984
12	$\mathcal{O}(3; \{12^5, 4^3, 3^5, 2^4\})$	130714435584
12	$\mathcal{O}(3; \{12^5, 4^3, 3^8\})$	1043422248960
12	$\mathcal{O}(3; \{12^5, 4^5, 3^2, 2^5\})$	64210599936
12	$\mathcal{O}(3; \{12^5, 4^5, 3^5, 2\})$	522857742336
12	$\mathcal{O}(3; \{12^5, 4^7, 3^2, 2^2\})$	256842399744
12	$\mathcal{O}(3; \{12^5, 6, 4, 2^{12}\})$	2102132736
12	$\mathcal{O}(3; \{12^5, 6, 4, 3^3, 2^8\})$	16243752960

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^5, 6, 4, 3^6, 2^4\})$	130523332608
12	$\mathcal{O}(3; \{12^5, 6, 4, 3^9\})$	1043613351936
12	$\mathcal{O}(3; \{12^5, 6, 4^3, 2^9\})$	8408530944
12	$\mathcal{O}(3; \{12^5, 6, 4^3, 3^3, 2^5\})$	64975011840
12	$\mathcal{O}(3; \{12^5, 6, 4^3, 3^6, 2\})$	522093330432
12	$\mathcal{O}(3; \{12^5, 6, 4^5, 2^6\})$	33634123776
12	$\mathcal{O}(3; \{12^5, 6, 4^5, 3^3, 2^2\})$	259900047360
12	$\mathcal{O}(3; \{12^5, 6, 4^7, 2^3\})$	134536495104
12	$\mathcal{O}(3; \{12^5, 6, 4^9\})$	538145980416
12	$\mathcal{O}(3; \{12^5, 6^2, 4, 3, 2^9\})$	8217427968
12	$\mathcal{O}(3; \{12^5, 6^2, 4, 3^4, 2^5\})$	65166114816
12	$\mathcal{O}(3; \{12^5, 6^2, 4, 3^7, 2\})$	521902227456
12	$\mathcal{O}(3; \{12^5, 6^2, 4^3, 3, 2^6\})$	32869711872
12	$\mathcal{O}(3; \{12^5, 6^2, 4^3, 3^4, 2^2\})$	260664459264
12	$\mathcal{O}(3; \{12^5, 6^2, 4^5, 3, 2^3\})$	131478847488
12	$\mathcal{O}(3; \{12^5, 6^2, 4^7, 3\})$	525915389952
12	$\mathcal{O}(3; \{12^5, 6^3, 4, 3^2, 2^6\})$	32678608896
12	$\mathcal{O}(3; \{12^5, 6^3, 4, 3^5, 2^2\})$	260855562240
12	$\mathcal{O}(3; \{12^5, 6^3, 4^3, 3^2, 2^3\})$	130714435584
12	$\mathcal{O}(3; \{12^5, 6^3, 4^5, 3^2\})$	522857742336
12	$\mathcal{O}(3; \{12^5, 6^4, 4, 2^7\})$	16243752960
12	$\mathcal{O}(3; \{12^5, 6^4, 4, 3^3, 2^3\})$	130523332608
12	$\mathcal{O}(3; \{12^5, 6^4, 4^3, 2^4\})$	64975011840
12	$\mathcal{O}(3; \{12^5, 6^4, 4^3, 3^3\})$	522093330432
12	$\mathcal{O}(3; \{12^5, 6^4, 4^5, 2\})$	259900047360
12	$\mathcal{O}(3; \{12^5, 6^5, 4, 3, 2^4\})$	65166114816
12	$\mathcal{O}(3; \{12^5, 6^5, 4, 3^4\})$	521902227456
12	$\mathcal{O}(3; \{12^5, 6^5, 4^3, 3, 2\})$	260664459264
12	$\mathcal{O}(3; \{12^5, 6^6, 4, 3^2, 2\})$	260855562240
12	$\mathcal{O}(3; \{12^5, 6^7, 4, 2^2\})$	130523332608
12	$\mathcal{O}(3; \{12^6, 3, 2^{12}\})$	4013162496
12	$\mathcal{O}(3; \{12^6, 3^4, 2^8\})$	32678608896
12	$\mathcal{O}(3; \{12^6, 3^7, 2^4\})$	260855562240
12	$\mathcal{O}(3; \{12^6, 3^{10}\})$	2087417806848
12	$\mathcal{O}(3; \{12^6, 4^2, 3, 2^9\})$	16052649984
12	$\mathcal{O}(3; \{12^6, 4^2, 3^4, 2^5\})$	130714435584
12	$\mathcal{O}(3; \{12^6, 4^2, 3^7, 2\})$	1043422248960
12	$\mathcal{O}(3; \{12^6, 4^4, 3, 2^6\})$	64210599936
12	$\mathcal{O}(3; \{12^6, 4^4, 3^4, 2^2\})$	522857742336
12	$\mathcal{O}(3; \{12^6, 4^6, 3, 2^3\})$	256842399744
12	$\mathcal{O}(3; \{12^6, 4^8, 3\})$	1027369598976
12	$\mathcal{O}(3; \{12^6, 6, 3^2, 2^9\})$	16243752960
12	$\mathcal{O}(3; \{12^6, 6, 3^5, 2^5\})$	130523332608

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^6, 6, 3^8, 2\})$	1043613351936
12	$\mathcal{O}(3; \{12^6, 6, 4^2, 3^2, 2^6\})$	64975011840
12	$\mathcal{O}(3; \{12^6, 6, 4^2, 3^5, 2^2\})$	522093330432
12	$\mathcal{O}(3; \{12^6, 6, 4^4, 3^2, 2^3\})$	259900047360
12	$\mathcal{O}(3; \{12^6, 6, 4^6, 3^2\})$	1039600189440
12	$\mathcal{O}(3; \{12^6, 6^2, 2^{10}\})$	8217427968
12	$\mathcal{O}(3; \{12^6, 6^2, 3^3, 2^6\})$	65166114816
12	$\mathcal{O}(3; \{12^6, 6^2, 3^6, 2^2\})$	521902227456
12	$\mathcal{O}(3; \{12^6, 6^2, 4^2, 2^7\})$	32869711872
12	$\mathcal{O}(3; \{12^6, 6^2, 4^2, 3^3, 2^3\})$	260664459264
12	$\mathcal{O}(3; \{12^6, 6^2, 4^4, 2^4\})$	131478847488
12	$\mathcal{O}(3; \{12^6, 6^2, 4^4, 3^3\})$	1042657837056
12	$\mathcal{O}(3; \{12^6, 6^2, 4^6, 2\})$	525915389952
12	$\mathcal{O}(3; \{12^6, 6^3, 3, 2^7\})$	32678608896
12	$\mathcal{O}(3; \{12^6, 6^3, 3^4, 2^3\})$	260855562240
12	$\mathcal{O}(3; \{12^6, 6^3, 4^2, 3, 2^4\})$	130714435584
12	$\mathcal{O}(3; \{12^6, 6^3, 4^2, 3^4\})$	1043422248960
12	$\mathcal{O}(3; \{12^6, 6^3, 4^4, 3, 2\})$	522857742336
12	$\mathcal{O}(3; \{12^6, 6^4, 3^2, 2^4\})$	130523332608
12	$\mathcal{O}(3; \{12^6, 6^4, 3^5\})$	1043613351936
12	$\mathcal{O}(3; \{12^6, 6^4, 4^2, 3^2, 2\})$	522093330432
12	$\mathcal{O}(3; \{12^6, 6^5, 2^5\})$	65166114816
12	$\mathcal{O}(3; \{12^6, 6^5, 3^3, 2\})$	521902227456
12	$\mathcal{O}(3; \{12^6, 6^5, 4^2, 2^2\})$	260664459264
12	$\mathcal{O}(3; \{12^6, 6^6, 3, 2^2\})$	260855562240
12	$\mathcal{O}(3; \{12^6, 6^8\})$	521902227456
12	$\mathcal{O}(3; \{12^7, 4, 2^{10}\})$	16052649984
12	$\mathcal{O}(3; \{12^7, 4, 3^3, 2^6\})$	130714435584
12	$\mathcal{O}(3; \{12^7, 4, 3^6, 2^2\})$	1043422248960
12	$\mathcal{O}(3; \{12^7, 4^3, 2^7\})$	64210599936
12	$\mathcal{O}(3; \{12^7, 4^3, 3^3, 2^3\})$	522857742336
12	$\mathcal{O}(3; \{12^7, 4^5, 2^4\})$	256842399744
12	$\mathcal{O}(3; \{12^7, 4^5, 3^3\})$	2091430969344
12	$\mathcal{O}(3; \{12^7, 4^7, 2\})$	1027369598976
12	$\mathcal{O}(3; \{12^7, 6, 4, 3, 2^7\})$	64975011840
12	$\mathcal{O}(3; \{12^7, 6, 4, 3^4, 2^3\})$	522093330432
12	$\mathcal{O}(3; \{12^7, 6, 4^3, 3, 2^4\})$	259900047360
12	$\mathcal{O}(3; \{12^7, 6, 4^3, 3^4\})$	2088373321728
12	$\mathcal{O}(3; \{12^7, 6, 4^5, 3, 2\})$	1039600189440
12	$\mathcal{O}(3; \{12^7, 6^2, 4, 3^2, 2^4\})$	260664459264
12	$\mathcal{O}(3; \{12^7, 6^2, 4, 3^5\})$	2087608909824
12	$\mathcal{O}(3; \{12^7, 6^2, 4^3, 3^2, 2\})$	1042657837056
12	$\mathcal{O}(3; \{12^7, 6^3, 4, 2^5\})$	130714435584

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^7, 6^3, 4, 3^3, 2\})$	1043422248960
12	$\mathcal{O}(3; \{12^7, 6^3, 4^3, 2^2\})$	522857742336
12	$\mathcal{O}(3; \{12^7, 6^4, 4, 3, 2^2\})$	522093330432
12	$\mathcal{O}(3; \{12^7, 6^6, 4\})$	1043422248960
12	$\mathcal{O}(3; \{12^8, 3^2, 2^7\})$	130714435584
12	$\mathcal{O}(3; \{12^8, 3^5, 2^3\})$	1043422248960
12	$\mathcal{O}(3; \{12^8, 4^2, 3^2, 2^4\})$	522857742336
12	$\mathcal{O}(3; \{12^8, 4^2, 3^5\})$	4173688995840
12	$\mathcal{O}(3; \{12^8, 4^4, 3^2, 2\})$	2091430969344
12	$\mathcal{O}(3; \{12^8, 6, 2^8\})$	64975011840
12	$\mathcal{O}(3; \{12^8, 6, 3^3, 2^4\})$	522093330432
12	$\mathcal{O}(3; \{12^8, 6, 3^6\})$	4174453407744
12	$\mathcal{O}(3; \{12^8, 6, 4^2, 2^5\})$	259900047360
12	$\mathcal{O}(3; \{12^8, 6, 4^2, 3^3, 2\})$	2088373321728
12	$\mathcal{O}(3; \{12^8, 6, 4^4, 2^2\})$	1039600189440
12	$\mathcal{O}(3; \{12^8, 6^2, 3, 2^5\})$	260664459264
12	$\mathcal{O}(3; \{12^8, 6^2, 3^4, 2\})$	2087608909824
12	$\mathcal{O}(3; \{12^8, 6^2, 4^2, 3, 2^2\})$	1042657837056
12	$\mathcal{O}(3; \{12^8, 6^3, 3^2, 2^2\})$	1043422248960
12	$\mathcal{O}(3; \{12^8, 6^4, 2^3\})$	522093330432
12	$\mathcal{O}(3; \{12^8, 6^4, 4^2\})$	2088373321728
12	$\mathcal{O}(3; \{12^8, 6^5, 3\})$	2087608909824
12	$\mathcal{O}(3; \{12^9, 4, 3, 2^5\})$	522857742336
12	$\mathcal{O}(3; \{12^9, 4, 3^4, 2\})$	4173688995840
12	$\mathcal{O}(3; \{12^9, 4^3, 3, 2^2\})$	2091430969344
12	$\mathcal{O}(3; \{12^9, 6, 4, 3^2, 2^2\})$	2088373321728
12	$\mathcal{O}(3; \{12^9, 6^2, 4, 2^3\})$	1042657837056
12	$\mathcal{O}(3; \{12^9, 6^2, 4^3\})$	4170631348224
12	$\mathcal{O}(3; \{12^9, 6^3, 4, 3\})$	4173688995840
12	$\mathcal{O}(3; \{12^{10}, 2^6\})$	522857742336
12	$\mathcal{O}(3; \{12^{10}, 3^3, 2^2\})$	4173688995840
12	$\mathcal{O}(3; \{12^{10}, 4^2, 2^3\})$	2091430969344
12	$\mathcal{O}(3; \{12^{10}, 4^4\})$	8365723877376
12	$\mathcal{O}(3; \{12^{10}, 6, 3, 2^3\})$	2088373321728
12	$\mathcal{O}(3; \{12^{10}, 6, 4^2, 3\})$	8353493286912
12	$\mathcal{O}(3; \{12^{10}, 6^2, 3^2\})$	8350435639296
12	$\mathcal{O}(3; \{12^{10}, 6^3, 2\})$	4173688995840
12	$\mathcal{O}(3; \{12^{11}, 4, 3^2\})$	16694755983360
12	$\mathcal{O}(3; \{12^{11}, 6, 4, 2\})$	8353493286912
12	$\mathcal{O}(3; \{12^{12}, 3, 2\})$	16694755983360
12	$\mathcal{O}(2; \{4^2, 3^4, 2^{20}\})$	248832
12	$\mathcal{O}(2; \{4^2, 3^7, 2^{16}\})$	1741824
12	$\mathcal{O}(2; \{4^2, 3^{10}, 2^{12}\})$	14183424

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{4^2, 3^{13}, 2^8\})$	113218560
12	$\mathcal{O}(2; \{4^2, 3^{16}, 2^4\})$	905997312
12	$\mathcal{O}(2; \{4^2, 3^{19}\})$	7247729664
12	$\mathcal{O}(2; \{4^4, 3^4, 2^{17}\})$	995328
12	$\mathcal{O}(2; \{4^4, 3^7, 2^{13}\})$	6967296
12	$\mathcal{O}(2; \{4^4, 3^{10}, 2^9\})$	56733696
12	$\mathcal{O}(2; \{4^4, 3^{13}, 2^5\})$	452874240
12	$\mathcal{O}(2; \{4^4, 3^{16}, 2\})$	3623989248
12	$\mathcal{O}(2; \{4^6, 3^4, 2^{14}\})$	3981312
12	$\mathcal{O}(2; \{4^6, 3^7, 2^{10}\})$	27869184
12	$\mathcal{O}(2; \{4^6, 3^{10}, 2^6\})$	226934784
12	$\mathcal{O}(2; \{4^6, 3^{13}, 2^2\})$	1811496960
12	$\mathcal{O}(2; \{4^8, 3^4, 2^{11}\})$	15925248
12	$\mathcal{O}(2; \{4^8, 3^7, 2^7\})$	111476736
12	$\mathcal{O}(2; \{4^8, 3^{10}, 2^3\})$	907739136
12	$\mathcal{O}(2; \{4^{10}, 3^4, 2^8\})$	63700992
12	$\mathcal{O}(2; \{4^{10}, 3^7, 2^4\})$	445906944
12	$\mathcal{O}(2; \{4^{10}, 3^{10}\})$	3630956544
12	$\mathcal{O}(2; \{4^{12}, 3^4, 2^5\})$	254803968
12	$\mathcal{O}(2; \{4^{12}, 3^7, 2\})$	1783627776
12	$\mathcal{O}(2; \{4^{14}, 3^4, 2^2\})$	1019215872
12	$\mathcal{O}(2; \{6, 4^2, 3^2, 2^{21}\})$	82944
12	$\mathcal{O}(2; \{6, 4^2, 3^5, 2^{17}\})$	912384
12	$\mathcal{O}(2; \{6, 4^2, 3^8, 2^{13}\})$	7050240
12	$\mathcal{O}(2; \{6, 4^2, 3^{11}, 2^9\})$	56650752
12	$\mathcal{O}(2; \{6, 4^2, 3^{14}, 2^5\})$	452957184
12	$\mathcal{O}(2; \{6, 4^2, 3^{17}, 2\})$	3623906304
12	$\mathcal{O}(2; \{6, 4^4, 3^2, 2^{18}\})$	331776
12	$\mathcal{O}(2; \{6, 4^4, 3^5, 2^{14}\})$	3649536
12	$\mathcal{O}(2; \{6, 4^4, 3^8, 2^{10}\})$	28200960
12	$\mathcal{O}(2; \{6, 4^4, 3^{11}, 2^6\})$	226603008
12	$\mathcal{O}(2; \{6, 4^4, 3^{14}, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{6, 4^6, 3^2, 2^{15}\})$	1327104
12	$\mathcal{O}(2; \{6, 4^6, 3^5, 2^{11}\})$	14598144
12	$\mathcal{O}(2; \{6, 4^6, 3^8, 2^7\})$	112803840
12	$\mathcal{O}(2; \{6, 4^6, 3^{11}, 2^3\})$	906412032
12	$\mathcal{O}(2; \{6, 4^8, 3^2, 2^{12}\})$	5308416
12	$\mathcal{O}(2; \{6, 4^8, 3^5, 2^8\})$	58392576
12	$\mathcal{O}(2; \{6, 4^8, 3^8, 2^4\})$	451215360
12	$\mathcal{O}(2; \{6, 4^8, 3^{11}\})$	3625648128
12	$\mathcal{O}(2; \{6, 4^{10}, 3^2, 2^9\})$	21233664
12	$\mathcal{O}(2; \{6, 4^{10}, 3^5, 2^5\})$	233570304
12	$\mathcal{O}(2; \{6, 4^{10}, 3^8, 2\})$	1804861440

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6, 4^{12}, 3^2, 2^6\})$	84934656
12	$\mathcal{O}(2; \{6, 4^{12}, 3^5, 2^2\})$	934281216
12	$\mathcal{O}(2; \{6, 4^{14}, 3^2, 2^3\})$	339738624
12	$\mathcal{O}(2; \{6, 4^{16}, 3^2\})$	1358954496
12	$\mathcal{O}(2; \{6^2, 4^2, 2^{22}\})$	82944
12	$\mathcal{O}(2; \{6^2, 4^2, 3^3, 2^{18}\})$	414720
12	$\mathcal{O}(2; \{6^2, 4^2, 3^6, 2^{14}\})$	3566592
12	$\mathcal{O}(2; \{6^2, 4^2, 3^9, 2^{10}\})$	28283904
12	$\mathcal{O}(2; \{6^2, 4^2, 3^{12}, 2^6\})$	226520064
12	$\mathcal{O}(2; \{6^2, 4^2, 3^{15}, 2^2\})$	1811911680
12	$\mathcal{O}(2; \{6^2, 4^4, 2^{19}\})$	331776
12	$\mathcal{O}(2; \{6^2, 4^4, 3^3, 2^{15}\})$	1658880
12	$\mathcal{O}(2; \{6^2, 4^4, 3^6, 2^{11}\})$	14266368
12	$\mathcal{O}(2; \{6^2, 4^4, 3^9, 2^7\})$	113135616
12	$\mathcal{O}(2; \{6^2, 4^4, 3^{12}, 2^3\})$	906080256
12	$\mathcal{O}(2; \{6^2, 4^6, 2^{16}\})$	1327104
12	$\mathcal{O}(2; \{6^2, 4^6, 3^3, 2^{12}\})$	6635520
12	$\mathcal{O}(2; \{6^2, 4^6, 3^6, 2^8\})$	57065472
12	$\mathcal{O}(2; \{6^2, 4^6, 3^9, 2^4\})$	452542464
12	$\mathcal{O}(2; \{6^2, 4^6, 3^{12}\})$	3624321024
12	$\mathcal{O}(2; \{6^2, 4^8, 2^{13}\})$	5308416
12	$\mathcal{O}(2; \{6^2, 4^8, 3^3, 2^9\})$	26542080
12	$\mathcal{O}(2; \{6^2, 4^8, 3^6, 2^5\})$	228261888
12	$\mathcal{O}(2; \{6^2, 4^8, 3^9, 2\})$	1810169856
12	$\mathcal{O}(2; \{6^2, 4^{10}, 2^{10}\})$	21233664
12	$\mathcal{O}(2; \{6^2, 4^{10}, 3^3, 2^6\})$	106168320
12	$\mathcal{O}(2; \{6^2, 4^{10}, 3^6, 2^2\})$	913047552
12	$\mathcal{O}(2; \{6^2, 4^{12}, 2^7\})$	84934656
12	$\mathcal{O}(2; \{6^2, 4^{12}, 3^3, 2^3\})$	424673280
12	$\mathcal{O}(2; \{6^2, 4^{14}, 2^4\})$	339738624
12	$\mathcal{O}(2; \{6^2, 4^{14}, 3^3\})$	1698693120
12	$\mathcal{O}(2; \{6^2, 4^{16}, 2\})$	1358954496
12	$\mathcal{O}(2; \{6^3, 4^2, 3, 2^{19}\})$	248832
12	$\mathcal{O}(2; \{6^3, 4^2, 3^4, 2^{15}\})$	1741824
12	$\mathcal{O}(2; \{6^3, 4^2, 3^7, 2^{11}\})$	14183424
12	$\mathcal{O}(2; \{6^3, 4^2, 3^{10}, 2^7\})$	113218560
12	$\mathcal{O}(2; \{6^3, 4^2, 3^{13}, 2^3\})$	905997312
12	$\mathcal{O}(2; \{6^3, 4^4, 3, 2^{16}\})$	995328
12	$\mathcal{O}(2; \{6^3, 4^4, 3^4, 2^{12}\})$	6967296
12	$\mathcal{O}(2; \{6^3, 4^4, 3^7, 2^8\})$	56733696
12	$\mathcal{O}(2; \{6^3, 4^4, 3^{10}, 2^4\})$	452874240
12	$\mathcal{O}(2; \{6^3, 4^4, 3^{13}\})$	3623989248
12	$\mathcal{O}(2; \{6^3, 4^6, 3, 2^{13}\})$	3981312

Continued on next page

Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^3, 4^6, 3^4, 2^9\})$	27869184
12	$\mathcal{O}(2; \{6^3, 4^6, 3^7, 2^5\})$	226934784
12	$\mathcal{O}(2; \{6^3, 4^6, 3^{10}, 2\})$	1811496960
12	$\mathcal{O}(2; \{6^3, 4^8, 3, 2^{10}\})$	15925248
12	$\mathcal{O}(2; \{6^3, 4^8, 3^4, 2^6\})$	111476736
12	$\mathcal{O}(2; \{6^3, 4^8, 3^7, 2^2\})$	907739136
12	$\mathcal{O}(2; \{6^3, 4^{10}, 3, 2^7\})$	63700992
12	$\mathcal{O}(2; \{6^3, 4^{10}, 3^4, 2^3\})$	445906944
12	$\mathcal{O}(2; \{6^3, 4^{12}, 3, 2^4\})$	254803968
12	$\mathcal{O}(2; \{6^3, 4^{12}, 3^4\})$	1783627776
12	$\mathcal{O}(2; \{6^3, 4^{14}, 3, 2\})$	1019215872
12	$\mathcal{O}(2; \{6^4, 4^2, 3^2, 2^{16}\})$	912384
12	$\mathcal{O}(2; \{6^4, 4^2, 3^5, 2^{12}\})$	7050240
12	$\mathcal{O}(2; \{6^4, 4^2, 3^8, 2^8\})$	56650752
12	$\mathcal{O}(2; \{6^4, 4^2, 3^{11}, 2^4\})$	452957184
12	$\mathcal{O}(2; \{6^4, 4^2, 3^{14}\})$	3623906304
12	$\mathcal{O}(2; \{6^4, 4^4, 3^2, 2^{13}\})$	3649536
12	$\mathcal{O}(2; \{6^4, 4^4, 3^5, 2^9\})$	28200960
12	$\mathcal{O}(2; \{6^4, 4^4, 3^8, 2^5\})$	226603008
12	$\mathcal{O}(2; \{6^4, 4^4, 3^{11}, 2\})$	1811828736
12	$\mathcal{O}(2; \{6^4, 4^6, 3^2, 2^{10}\})$	14598144
12	$\mathcal{O}(2; \{6^4, 4^6, 3^5, 2^6\})$	112803840
12	$\mathcal{O}(2; \{6^4, 4^6, 3^8, 2^2\})$	906412032
12	$\mathcal{O}(2; \{6^4, 4^8, 3^2, 2^7\})$	58392576
12	$\mathcal{O}(2; \{6^4, 4^8, 3^5, 2^3\})$	451215360
12	$\mathcal{O}(2; \{6^4, 4^{10}, 3^2, 2^4\})$	233570304
12	$\mathcal{O}(2; \{6^4, 4^{10}, 3^5\})$	1804861440
12	$\mathcal{O}(2; \{6^4, 4^{12}, 3^2, 2\})$	934281216
12	$\mathcal{O}(2; \{6^5, 4^2, 2^{17}\})$	414720
12	$\mathcal{O}(2; \{6^5, 4^2, 3^3, 2^{13}\})$	3566592
12	$\mathcal{O}(2; \{6^5, 4^2, 3^6, 2^9\})$	28283904
12	$\mathcal{O}(2; \{6^5, 4^2, 3^9, 2^5\})$	226520064
12	$\mathcal{O}(2; \{6^5, 4^2, 3^{12}, 2\})$	1811911680
12	$\mathcal{O}(2; \{6^5, 4^4, 2^{14}\})$	1658880
12	$\mathcal{O}(2; \{6^5, 4^4, 3^3, 2^{10}\})$	14266368
12	$\mathcal{O}(2; \{6^5, 4^4, 3^6, 2^6\})$	113135616
12	$\mathcal{O}(2; \{6^5, 4^4, 3^9, 2^2\})$	906080256
12	$\mathcal{O}(2; \{6^5, 4^6, 2^{11}\})$	6635520
12	$\mathcal{O}(2; \{6^5, 4^6, 3^3, 2^7\})$	57065472
12	$\mathcal{O}(2; \{6^5, 4^6, 3^6, 2^3\})$	452542464
12	$\mathcal{O}(2; \{6^5, 4^8, 2^8\})$	26542080
12	$\mathcal{O}(2; \{6^5, 4^8, 3^3, 2^4\})$	228261888
12	$\mathcal{O}(2; \{6^5, 4^8, 3^6\})$	1810169856

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^5, 4^{10}, 2^5\})$	106168320
12	$\mathcal{O}(2; \{6^5, 4^{10}, 3^3, 2\})$	913047552
12	$\mathcal{O}(2; \{6^5, 4^{12}, 2^2\})$	424673280
12	$\mathcal{O}(2; \{6^6, 4^2, 3, 2^{14}\})$	1741824
12	$\mathcal{O}(2; \{6^6, 4^2, 3^4, 2^{10}\})$	14183424
12	$\mathcal{O}(2; \{6^6, 4^2, 3^7, 2^6\})$	113218560
12	$\mathcal{O}(2; \{6^6, 4^2, 3^{10}, 2^2\})$	905997312
12	$\mathcal{O}(2; \{6^6, 4^4, 3, 2^{11}\})$	6967296
12	$\mathcal{O}(2; \{6^6, 4^4, 3^4, 2^7\})$	56733696
12	$\mathcal{O}(2; \{6^6, 4^4, 3^7, 2^3\})$	452874240
12	$\mathcal{O}(2; \{6^6, 4^6, 3, 2^8\})$	27869184
12	$\mathcal{O}(2; \{6^6, 4^6, 3^4, 2^4\})$	226934784
12	$\mathcal{O}(2; \{6^6, 4^6, 3^7\})$	1811496960
12	$\mathcal{O}(2; \{6^6, 4^8, 3, 2^5\})$	111476736
12	$\mathcal{O}(2; \{6^6, 4^8, 3^4, 2\})$	907739136
12	$\mathcal{O}(2; \{6^6, 4^{10}, 3, 2^2\})$	445906944
12	$\mathcal{O}(2; \{6^7, 4^2, 3^2, 2^{11}\})$	7050240
12	$\mathcal{O}(2; \{6^7, 4^2, 3^5, 2^7\})$	56650752
12	$\mathcal{O}(2; \{6^7, 4^2, 3^8, 2^3\})$	452957184
12	$\mathcal{O}(2; \{6^7, 4^4, 3^2, 2^8\})$	28200960
12	$\mathcal{O}(2; \{6^7, 4^4, 3^5, 2^4\})$	226603008
12	$\mathcal{O}(2; \{6^7, 4^4, 3^8\})$	1811828736
12	$\mathcal{O}(2; \{6^7, 4^6, 3^2, 2^5\})$	112803840
12	$\mathcal{O}(2; \{6^7, 4^6, 3^5, 2\})$	906412032
12	$\mathcal{O}(2; \{6^7, 4^8, 3^2, 2^2\})$	451215360
12	$\mathcal{O}(2; \{6^8, 4^2, 2^{12}\})$	3566592
12	$\mathcal{O}(2; \{6^8, 4^2, 3^3, 2^8\})$	28283904
12	$\mathcal{O}(2; \{6^8, 4^2, 3^6, 2^4\})$	226520064
12	$\mathcal{O}(2; \{6^8, 4^2, 3^9\})$	1811911680
12	$\mathcal{O}(2; \{6^8, 4^4, 2^9\})$	14266368
12	$\mathcal{O}(2; \{6^8, 4^4, 3^3, 2^5\})$	113135616
12	$\mathcal{O}(2; \{6^8, 4^4, 3^6, 2\})$	906080256
12	$\mathcal{O}(2; \{6^8, 4^6, 2^6\})$	57065472
12	$\mathcal{O}(2; \{6^8, 4^6, 3^3, 2^2\})$	452542464
12	$\mathcal{O}(2; \{6^8, 4^8, 2^3\})$	228261888
12	$\mathcal{O}(2; \{6^8, 4^{10}\})$	913047552
12	$\mathcal{O}(2; \{6^9, 4^2, 3, 2^9\})$	14183424
12	$\mathcal{O}(2; \{6^9, 4^2, 3^4, 2^5\})$	113218560
12	$\mathcal{O}(2; \{6^9, 4^2, 3^7, 2\})$	905997312
12	$\mathcal{O}(2; \{6^9, 4^4, 3, 2^6\})$	56733696
12	$\mathcal{O}(2; \{6^9, 4^4, 3^4, 2^2\})$	452874240
12	$\mathcal{O}(2; \{6^9, 4^6, 3, 2^3\})$	226934784
12	$\mathcal{O}(2; \{6^9, 4^8, 3\})$	907739136

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^{10}, 4^2, 3^2, 2^6\})$	56650752
12	$\mathcal{O}(2; \{6^{10}, 4^2, 3^5, 2^2\})$	452957184
12	$\mathcal{O}(2; \{6^{10}, 4^4, 3^2, 2^3\})$	226603008
12	$\mathcal{O}(2; \{6^{10}, 4^6, 3^2\})$	906412032
12	$\mathcal{O}(2; \{6^{11}, 4^2, 2^7\})$	28283904
12	$\mathcal{O}(2; \{6^{11}, 4^2, 3^3, 2^3\})$	226520064
12	$\mathcal{O}(2; \{6^{11}, 4^4, 2^4\})$	113135616
12	$\mathcal{O}(2; \{6^{11}, 4^4, 3^3\})$	906080256
12	$\mathcal{O}(2; \{6^{11}, 4^6, 2\})$	452542464
12	$\mathcal{O}(2; \{6^{12}, 4^2, 3, 2^4\})$	113218560
12	$\mathcal{O}(2; \{6^{12}, 4^2, 3^4\})$	905997312
12	$\mathcal{O}(2; \{6^{12}, 4^4, 3, 2\})$	452874240
12	$\mathcal{O}(2; \{6^{13}, 4^2, 3^2, 2\})$	452957184
12	$\mathcal{O}(2; \{6^{14}, 4^2, 2^2\})$	226520064
12	$\mathcal{O}(2; \{12, 4, 3^3, 2^{21}\})$	248832
12	$\mathcal{O}(2; \{12, 4, 3^6, 2^{17}\})$	1741824
12	$\mathcal{O}(2; \{12, 4, 3^9, 2^{13}\})$	14183424
12	$\mathcal{O}(2; \{12, 4, 3^{12}, 2^9\})$	113218560
12	$\mathcal{O}(2; \{12, 4, 3^{15}, 2^5\})$	905997312
12	$\mathcal{O}(2; \{12, 4, 3^{18}, 2\})$	7247729664
12	$\mathcal{O}(2; \{12, 4^3, 3^3, 2^{18}\})$	995328
12	$\mathcal{O}(2; \{12, 4^3, 3^6, 2^{14}\})$	6967296
12	$\mathcal{O}(2; \{12, 4^3, 3^9, 2^{10}\})$	56733696
12	$\mathcal{O}(2; \{12, 4^3, 3^{12}, 2^6\})$	452874240
12	$\mathcal{O}(2; \{12, 4^3, 3^{15}, 2^2\})$	3623989248
12	$\mathcal{O}(2; \{12, 4^5, 3^3, 2^{15}\})$	3981312
12	$\mathcal{O}(2; \{12, 4^5, 3^6, 2^{11}\})$	27869184
12	$\mathcal{O}(2; \{12, 4^5, 3^9, 2^7\})$	226934784
12	$\mathcal{O}(2; \{12, 4^5, 3^{12}, 2^3\})$	1811496960
12	$\mathcal{O}(2; \{12, 4^7, 3^3, 2^{12}\})$	15925248
12	$\mathcal{O}(2; \{12, 4^7, 3^6, 2^8\})$	111476736
12	$\mathcal{O}(2; \{12, 4^7, 3^9, 2^4\})$	907739136
12	$\mathcal{O}(2; \{12, 4^7, 3^{12}\})$	7245987840
12	$\mathcal{O}(2; \{12, 4^9, 3^3, 2^9\})$	63700992
12	$\mathcal{O}(2; \{12, 4^9, 3^6, 2^5\})$	445906944
12	$\mathcal{O}(2; \{12, 4^9, 3^9, 2\})$	3630956544
12	$\mathcal{O}(2; \{12, 4^{11}, 3^3, 2^6\})$	254803968
12	$\mathcal{O}(2; \{12, 4^{11}, 3^6, 2^2\})$	1783627776
12	$\mathcal{O}(2; \{12, 4^{13}, 3^3, 2^3\})$	1019215872
12	$\mathcal{O}(2; \{12, 4^{15}, 3^3\})$	4076863488
12	$\mathcal{O}(2; \{12, 6, 4, 3, 2^{22}\})$	82944
12	$\mathcal{O}(2; \{12, 6, 4, 3^4, 2^{18}\})$	912384
12	$\mathcal{O}(2; \{12, 6, 4, 3^7, 2^{14}\})$	7050240

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 6, 4, 3^{10}, 2^{10}\})$	56650752
12	$\mathcal{O}(2; \{12, 6, 4, 3^{13}, 2^6\})$	452957184
12	$\mathcal{O}(2; \{12, 6, 4, 3^{16}, 2^2\})$	3623906304
12	$\mathcal{O}(2; \{12, 6, 4^3, 3, 2^{19}\})$	331776
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^4, 2^{15}\})$	3649536
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^7, 2^{11}\})$	28200960
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^{10}, 2^7\})$	226603008
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^{13}, 2^3\})$	1811828736
12	$\mathcal{O}(2; \{12, 6, 4^5, 3, 2^{16}\})$	1327104
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^4, 2^{12}\})$	14598144
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^7, 2^8\})$	112803840
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^{10}, 2^4\})$	906412032
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^{13}\})$	7247314944
12	$\mathcal{O}(2; \{12, 6, 4^7, 3, 2^{13}\})$	5308416
12	$\mathcal{O}(2; \{12, 6, 4^7, 3^4, 2^9\})$	58392576
12	$\mathcal{O}(2; \{12, 6, 4^7, 3^7, 2^5\})$	451215360
12	$\mathcal{O}(2; \{12, 6, 4^7, 3^{10}, 2\})$	3625648128
12	$\mathcal{O}(2; \{12, 6, 4^9, 3, 2^{10}\})$	21233664
12	$\mathcal{O}(2; \{12, 6, 4^9, 3^4, 2^6\})$	233570304
12	$\mathcal{O}(2; \{12, 6, 4^9, 3^7, 2^2\})$	1804861440
12	$\mathcal{O}(2; \{12, 6, 4^{11}, 3, 2^7\})$	84934656
12	$\mathcal{O}(2; \{12, 6, 4^{11}, 3^4, 2^3\})$	934281216
12	$\mathcal{O}(2; \{12, 6, 4^{13}, 3, 2^4\})$	339738624
12	$\mathcal{O}(2; \{12, 6, 4^{13}, 3^4\})$	3737124864
12	$\mathcal{O}(2; \{12, 6, 4^{15}, 3, 2\})$	1358954496
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^2, 2^{19}\})$	414720
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^5, 2^{15}\})$	3566592
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^8, 2^{11}\})$	28283904
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^{11}, 2^7\})$	226520064
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^{14}, 2^3\})$	1811911680
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^2, 2^{16}\})$	1658880
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^5, 2^{12}\})$	14266368
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^8, 2^8\})$	113135616
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^{11}, 2^4\})$	906080256
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^{14}\})$	7247646720
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3^2, 2^{13}\})$	6635520
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3^5, 2^9\})$	57065472
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3^8, 2^5\})$	452542464
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3^{11}, 2\})$	3624321024
12	$\mathcal{O}(2; \{12, 6^2, 4^7, 3^2, 2^{10}\})$	26542080
12	$\mathcal{O}(2; \{12, 6^2, 4^7, 3^5, 2^6\})$	228261888
12	$\mathcal{O}(2; \{12, 6^2, 4^7, 3^8, 2^2\})$	1810169856
12	$\mathcal{O}(2; \{12, 6^2, 4^9, 3^2, 2^7\})$	106168320

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 6^2, 4^9, 3^5, 2^3\})$	913047552
12	$\mathcal{O}(2; \{12, 6^2, 4^{11}, 3^2, 2^4\})$	424673280
12	$\mathcal{O}(2; \{12, 6^2, 4^{11}, 3^5\})$	3652190208
12	$\mathcal{O}(2; \{12, 6^2, 4^{13}, 3^2, 2\})$	1698693120
12	$\mathcal{O}(2; \{12, 6^3, 4, 2^{20}\})$	248832
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^3, 2^{16}\})$	1741824
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^6, 2^{12}\})$	14183424
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^9, 2^8\})$	113218560
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^{12}, 2^4\})$	905997312
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^{15}\})$	7247729664
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 2^{17}\})$	995328
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^3, 2^{13}\})$	6967296
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^6, 2^9\})$	56733696
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^9, 2^5\})$	452874240
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^{12}, 2\})$	3623989248
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 2^{14}\})$	3981312
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 3^3, 2^{10}\})$	27869184
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 3^6, 2^6\})$	226934784
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 3^9, 2^2\})$	1811496960
12	$\mathcal{O}(2; \{12, 6^3, 4^7, 2^{11}\})$	15925248
12	$\mathcal{O}(2; \{12, 6^3, 4^7, 3^3, 2^7\})$	111476736
12	$\mathcal{O}(2; \{12, 6^3, 4^7, 3^6, 2^3\})$	907739136
12	$\mathcal{O}(2; \{12, 6^3, 4^9, 2^8\})$	63700992
12	$\mathcal{O}(2; \{12, 6^3, 4^9, 3^3, 2^4\})$	445906944
12	$\mathcal{O}(2; \{12, 6^3, 4^9, 3^6\})$	3630956544
12	$\mathcal{O}(2; \{12, 6^3, 4^{11}, 2^5\})$	254803968
12	$\mathcal{O}(2; \{12, 6^3, 4^{11}, 3^3, 2\})$	1783627776
12	$\mathcal{O}(2; \{12, 6^3, 4^{13}, 2^2\})$	1019215872
12	$\mathcal{O}(2; \{12, 6^4, 4, 3, 2^{17}\})$	912384
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^4, 2^{13}\})$	7050240
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^7, 2^9\})$	56650752
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^{10}, 2^5\})$	452957184
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^{13}, 2\})$	3623906304
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3, 2^{14}\})$	3649536
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3^4, 2^{10}\})$	28200960
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3^7, 2^6\})$	226603008
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3^{10}, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{12, 6^4, 4^5, 3, 2^{11}\})$	14598144
12	$\mathcal{O}(2; \{12, 6^4, 4^5, 3^4, 2^7\})$	112803840
12	$\mathcal{O}(2; \{12, 6^4, 4^5, 3^7, 2^3\})$	906412032
12	$\mathcal{O}(2; \{12, 6^4, 4^7, 3, 2^8\})$	58392576
12	$\mathcal{O}(2; \{12, 6^4, 4^7, 3^4, 2^4\})$	451215360
12	$\mathcal{O}(2; \{12, 6^4, 4^7, 3^7\})$	3625648128

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 6^4, 4^9, 3, 2^5\})$	233570304
12	$\mathcal{O}(2; \{12, 6^4, 4^9, 3^4, 2\})$	1804861440
12	$\mathcal{O}(2; \{12, 6^4, 4^{11}, 3, 2^2\})$	934281216
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^2, 2^{14}\})$	3566592
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^5, 2^{10}\})$	28283904
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^8, 2^6\})$	226520064
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^{11}, 2^2\})$	1811911680
12	$\mathcal{O}(2; \{12, 6^5, 4^3, 3^2, 2^{11}\})$	14266368
12	$\mathcal{O}(2; \{12, 6^5, 4^3, 3^5, 2^7\})$	113135616
12	$\mathcal{O}(2; \{12, 6^5, 4^3, 3^8, 2^3\})$	906080256
12	$\mathcal{O}(2; \{12, 6^5, 4^5, 3^2, 2^8\})$	57065472
12	$\mathcal{O}(2; \{12, 6^5, 4^5, 3^5, 2^4\})$	452542464
12	$\mathcal{O}(2; \{12, 6^5, 4^5, 3^8\})$	3624321024
12	$\mathcal{O}(2; \{12, 6^5, 4^7, 3^2, 2^5\})$	228261888
12	$\mathcal{O}(2; \{12, 6^5, 4^7, 3^5, 2\})$	1810169856
12	$\mathcal{O}(2; \{12, 6^5, 4^9, 3^2, 2^2\})$	913047552
12	$\mathcal{O}(2; \{12, 6^6, 4, 2^{15}\})$	1741824
12	$\mathcal{O}(2; \{12, 6^6, 4, 3^3, 2^{11}\})$	14183424
12	$\mathcal{O}(2; \{12, 6^6, 4, 3^6, 2^7\})$	113218560
12	$\mathcal{O}(2; \{12, 6^6, 4, 3^9, 2^3\})$	905997312
12	$\mathcal{O}(2; \{12, 6^6, 4^3, 2^{12}\})$	6967296
12	$\mathcal{O}(2; \{12, 6^6, 4^3, 3^3, 2^8\})$	56733696
12	$\mathcal{O}(2; \{12, 6^6, 4^3, 3^6, 2^4\})$	452874240
12	$\mathcal{O}(2; \{12, 6^6, 4^3, 3^9\})$	3623989248
12	$\mathcal{O}(2; \{12, 6^6, 4^5, 2^9\})$	27869184
12	$\mathcal{O}(2; \{12, 6^6, 4^5, 3^3, 2^5\})$	226934784
12	$\mathcal{O}(2; \{12, 6^6, 4^5, 3^6, 2\})$	1811496960
12	$\mathcal{O}(2; \{12, 6^6, 4^7, 2^6\})$	111476736
12	$\mathcal{O}(2; \{12, 6^6, 4^7, 3^3, 2^2\})$	907739136
12	$\mathcal{O}(2; \{12, 6^6, 4^9, 2^3\})$	445906944
12	$\mathcal{O}(2; \{12, 6^6, 4^{11}\})$	1783627776
12	$\mathcal{O}(2; \{12, 6^7, 4, 3, 2^{12}\})$	7050240
12	$\mathcal{O}(2; \{12, 6^7, 4, 3^4, 2^8\})$	56650752
12	$\mathcal{O}(2; \{12, 6^7, 4, 3^7, 2^4\})$	452957184
12	$\mathcal{O}(2; \{12, 6^7, 4, 3^{10}\})$	3623906304
12	$\mathcal{O}(2; \{12, 6^7, 4^3, 3, 2^9\})$	28200960
12	$\mathcal{O}(2; \{12, 6^7, 4^3, 3^4, 2^5\})$	226603008
12	$\mathcal{O}(2; \{12, 6^7, 4^3, 3^7, 2\})$	1811828736
12	$\mathcal{O}(2; \{12, 6^7, 4^5, 3, 2^6\})$	112803840
12	$\mathcal{O}(2; \{12, 6^7, 4^5, 3^4, 2^2\})$	906412032
12	$\mathcal{O}(2; \{12, 6^7, 4^7, 3, 2^3\})$	451215360
12	$\mathcal{O}(2; \{12, 6^7, 4^9, 3\})$	1804861440
12	$\mathcal{O}(2; \{12, 6^8, 4, 3^2, 2^9\})$	28283904

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 6^8, 4, 3^5, 2^5\})$	226520064
12	$\mathcal{O}(2; \{12, 6^8, 4, 3^8, 2\})$	1811911680
12	$\mathcal{O}(2; \{12, 6^8, 4^3, 3^2, 2^6\})$	113135616
12	$\mathcal{O}(2; \{12, 6^8, 4^3, 3^5, 2^2\})$	906080256
12	$\mathcal{O}(2; \{12, 6^8, 4^5, 3^2, 2^3\})$	452542464
12	$\mathcal{O}(2; \{12, 6^8, 4^7, 3^2\})$	1810169856
12	$\mathcal{O}(2; \{12, 6^9, 4, 2^{10}\})$	14183424
12	$\mathcal{O}(2; \{12, 6^9, 4, 3^3, 2^6\})$	113218560
12	$\mathcal{O}(2; \{12, 6^9, 4, 3^6, 2^2\})$	905997312
12	$\mathcal{O}(2; \{12, 6^9, 4^3, 2^7\})$	56733696
12	$\mathcal{O}(2; \{12, 6^9, 4^3, 3^3, 2^3\})$	452874240
12	$\mathcal{O}(2; \{12, 6^9, 4^5, 2^4\})$	226934784
12	$\mathcal{O}(2; \{12, 6^9, 4^5, 3^3\})$	1811496960
12	$\mathcal{O}(2; \{12, 6^9, 4^7, 2\})$	907739136
12	$\mathcal{O}(2; \{12, 6^{10}, 4, 3, 2^7\})$	56650752
12	$\mathcal{O}(2; \{12, 6^{10}, 4, 3^4, 2^3\})$	452957184
12	$\mathcal{O}(2; \{12, 6^{10}, 4^3, 3, 2^4\})$	226603008
12	$\mathcal{O}(2; \{12, 6^{10}, 4^3, 3^4\})$	1811828736
12	$\mathcal{O}(2; \{12, 6^{10}, 4^5, 3, 2\})$	906412032
12	$\mathcal{O}(2; \{12, 6^{11}, 4, 3^2, 2^4\})$	226520064
12	$\mathcal{O}(2; \{12, 6^{11}, 4, 3^5\})$	1811911680
12	$\mathcal{O}(2; \{12, 6^{11}, 4^3, 3^2, 2\})$	906080256
12	$\mathcal{O}(2; \{12, 6^{12}, 4, 2^5\})$	113218560
12	$\mathcal{O}(2; \{12, 6^{12}, 4, 3^3, 2\})$	905997312
12	$\mathcal{O}(2; \{12, 6^{12}, 4^3, 2^2\})$	452874240
12	$\mathcal{O}(2; \{12, 6^{13}, 4, 3, 2^2\})$	452957184
12	$\mathcal{O}(2; \{12, 6^{15}, 4\})$	905997312
12	$\mathcal{O}(2; \{12^2, 3^2, 2^{22}\})$	248832
12	$\mathcal{O}(2; \{12^2, 3^5, 2^{18}\})$	1741824
12	$\mathcal{O}(2; \{12^2, 3^8, 2^{14}\})$	14183424
12	$\mathcal{O}(2; \{12^2, 3^{11}, 2^{10}\})$	113218560
12	$\mathcal{O}(2; \{12^2, 3^{14}, 2^6\})$	905997312
12	$\mathcal{O}(2; \{12^2, 3^{17}, 2^2\})$	7247729664
12	$\mathcal{O}(2; \{12^2, 4^2, 3^2, 2^{19}\})$	995328
12	$\mathcal{O}(2; \{12^2, 4^2, 3^5, 2^{15}\})$	6967296
12	$\mathcal{O}(2; \{12^2, 4^2, 3^8, 2^{11}\})$	56733696
12	$\mathcal{O}(2; \{12^2, 4^2, 3^{11}, 2^7\})$	452874240
12	$\mathcal{O}(2; \{12^2, 4^2, 3^{14}, 2^3\})$	3623989248
12	$\mathcal{O}(2; \{12^2, 4^4, 3^2, 2^{16}\})$	3981312
12	$\mathcal{O}(2; \{12^2, 4^4, 3^5, 2^{12}\})$	27869184
12	$\mathcal{O}(2; \{12^2, 4^4, 3^8, 2^8\})$	226934784
12	$\mathcal{O}(2; \{12^2, 4^4, 3^{11}, 2^4\})$	1811496960
12	$\mathcal{O}(2; \{12^2, 4^4, 3^{14}\})$	14495956992

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 4^6, 3^2, 2^{13}\})$	15925248
12	$\mathcal{O}(2; \{12^2, 4^6, 3^5, 2^9\})$	111476736
12	$\mathcal{O}(2; \{12^2, 4^6, 3^8, 2^5\})$	907739136
12	$\mathcal{O}(2; \{12^2, 4^6, 3^{11}, 2\})$	7245987840
12	$\mathcal{O}(2; \{12^2, 4^8, 3^2, 2^{10}\})$	63700992
12	$\mathcal{O}(2; \{12^2, 4^8, 3^5, 2^6\})$	445906944
12	$\mathcal{O}(2; \{12^2, 4^8, 3^8, 2^2\})$	3630956544
12	$\mathcal{O}(2; \{12^2, 4^{10}, 3^2, 2^7\})$	254803968
12	$\mathcal{O}(2; \{12^2, 4^{10}, 3^5, 2^3\})$	1783627776
12	$\mathcal{O}(2; \{12^2, 4^{12}, 3^2, 2^4\})$	1019215872
12	$\mathcal{O}(2; \{12^2, 4^{12}, 3^5\})$	7134511104
12	$\mathcal{O}(2; \{12^2, 4^{14}, 3^2, 2\})$	4076863488
12	$\mathcal{O}(2; \{12^2, 6, 2^{23}\})$	82944
12	$\mathcal{O}(2; \{12^2, 6, 3^3, 2^{19}\})$	912384
12	$\mathcal{O}(2; \{12^2, 6, 3^6, 2^{15}\})$	7050240
12	$\mathcal{O}(2; \{12^2, 6, 3^9, 2^{11}\})$	56650752
12	$\mathcal{O}(2; \{12^2, 6, 3^{12}, 2^7\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6, 3^{15}, 2^3\})$	3623906304
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 2^{20}\})$	331776
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^3, 2^{16}\})$	3649536
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^6, 2^{12}\})$	28200960
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^9, 2^8\})$	226603008
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^{12}, 2^4\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^{15}\})$	14495625216
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 2^{17}\})$	1327104
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^3, 2^{13}\})$	14598144
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^6, 2^9\})$	112803840
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^9, 2^5\})$	906412032
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^{12}, 2\})$	7247314944
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 2^{14}\})$	5308416
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 3^3, 2^{10}\})$	58392576
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 3^6, 2^6\})$	451215360
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 3^9, 2^2\})$	3625648128
12	$\mathcal{O}(2; \{12^2, 6, 4^8, 2^{11}\})$	21233664
12	$\mathcal{O}(2; \{12^2, 6, 4^8, 3^3, 2^7\})$	233570304
12	$\mathcal{O}(2; \{12^2, 6, 4^8, 3^6, 2^3\})$	1804861440
12	$\mathcal{O}(2; \{12^2, 6, 4^{10}, 2^8\})$	84934656
12	$\mathcal{O}(2; \{12^2, 6, 4^{10}, 3^3, 2^4\})$	934281216
12	$\mathcal{O}(2; \{12^2, 6, 4^{10}, 3^6\})$	7219445760
12	$\mathcal{O}(2; \{12^2, 6, 4^{12}, 2^5\})$	339738624
12	$\mathcal{O}(2; \{12^2, 6, 4^{12}, 3^3, 2\})$	3737124864
12	$\mathcal{O}(2; \{12^2, 6, 4^{14}, 2^2\})$	1358954496
12	$\mathcal{O}(2; \{12^2, 6^2, 3, 2^{20}\})$	414720

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 6^2, 3^4, 2^{16}\})$	3566592
12	$\mathcal{O}(2; \{12^2, 6^2, 3^7, 2^{12}\})$	28283904
12	$\mathcal{O}(2; \{12^2, 6^2, 3^{10}, 2^8\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^2, 3^{13}, 2^4\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6^2, 3^{16}\})$	14495542272
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3, 2^{17}\})$	1658880
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^4, 2^{13}\})$	14266368
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^7, 2^9\})$	113135616
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^{10}, 2^5\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^{13}, 2\})$	7247646720
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3, 2^{14}\})$	6635520
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3^4, 2^{10}\})$	57065472
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3^7, 2^6\})$	452542464
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3^{10}, 2^2\})$	3624321024
12	$\mathcal{O}(2; \{12^2, 6^2, 4^6, 3, 2^{11}\})$	26542080
12	$\mathcal{O}(2; \{12^2, 6^2, 4^6, 3^4, 2^7\})$	228261888
12	$\mathcal{O}(2; \{12^2, 6^2, 4^6, 3^7, 2^3\})$	1810169856
12	$\mathcal{O}(2; \{12^2, 6^2, 4^8, 3, 2^8\})$	106168320
12	$\mathcal{O}(2; \{12^2, 6^2, 4^8, 3^4, 2^4\})$	913047552
12	$\mathcal{O}(2; \{12^2, 6^2, 4^8, 3^7\})$	7240679424
12	$\mathcal{O}(2; \{12^2, 6^2, 4^{10}, 3, 2^5\})$	424673280
12	$\mathcal{O}(2; \{12^2, 6^2, 4^{10}, 3^4, 2\})$	3652190208
12	$\mathcal{O}(2; \{12^2, 6^2, 4^{12}, 3, 2^2\})$	1698693120
12	$\mathcal{O}(2; \{12^2, 6^3, 3^2, 2^{17}\})$	1741824
12	$\mathcal{O}(2; \{12^2, 6^3, 3^5, 2^{13}\})$	14183424
12	$\mathcal{O}(2; \{12^2, 6^3, 3^8, 2^9\})$	113218560
12	$\mathcal{O}(2; \{12^2, 6^3, 3^{11}, 2^5\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^3, 3^{14}, 2\})$	7247729664
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^2, 2^{14}\})$	6967296
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^5, 2^{10}\})$	56733696
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^8, 2^6\})$	452874240
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^{11}, 2^2\})$	3623989248
12	$\mathcal{O}(2; \{12^2, 6^3, 4^4, 3^2, 2^{11}\})$	27869184
12	$\mathcal{O}(2; \{12^2, 6^3, 4^4, 3^5, 2^7\})$	226934784
12	$\mathcal{O}(2; \{12^2, 6^3, 4^4, 3^8, 2^3\})$	1811496960
12	$\mathcal{O}(2; \{12^2, 6^3, 4^6, 3^2, 2^8\})$	111476736
12	$\mathcal{O}(2; \{12^2, 6^3, 4^6, 3^5, 2^4\})$	907739136
12	$\mathcal{O}(2; \{12^2, 6^3, 4^6, 3^8\})$	7245987840
12	$\mathcal{O}(2; \{12^2, 6^3, 4^8, 3^2, 2^5\})$	445906944
12	$\mathcal{O}(2; \{12^2, 6^3, 4^8, 3^5, 2\})$	3630956544
12	$\mathcal{O}(2; \{12^2, 6^3, 4^{10}, 3^2, 2^2\})$	1783627776
12	$\mathcal{O}(2; \{12^2, 6^4, 2^{18}\})$	912384
12	$\mathcal{O}(2; \{12^2, 6^4, 3^3, 2^{14}\})$	7050240

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 6^4, 3^6, 2^{10}\})$	56650752
12	$\mathcal{O}(2; \{12^2, 6^4, 3^9, 2^6\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^4, 3^{12}, 2^2\})$	3623906304
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 2^{15}\})$	3649536
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 3^3, 2^{11}\})$	28200960
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 3^6, 2^7\})$	226603008
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 3^9, 2^3\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6^4, 4^4, 2^{12}\})$	14598144
12	$\mathcal{O}(2; \{12^2, 6^4, 4^4, 3^3, 2^8\})$	112803840
12	$\mathcal{O}(2; \{12^2, 6^4, 4^4, 3^6, 2^4\})$	906412032
12	$\mathcal{O}(2; \{12^2, 6^4, 4^4, 3^9\})$	7247314944
12	$\mathcal{O}(2; \{12^2, 6^4, 4^6, 2^9\})$	58392576
12	$\mathcal{O}(2; \{12^2, 6^4, 4^6, 3^3, 2^5\})$	451215360
12	$\mathcal{O}(2; \{12^2, 6^4, 4^6, 3^6, 2\})$	3625648128
12	$\mathcal{O}(2; \{12^2, 6^4, 4^8, 2^6\})$	233570304
12	$\mathcal{O}(2; \{12^2, 6^4, 4^8, 3^3, 2^2\})$	1804861440
12	$\mathcal{O}(2; \{12^2, 6^4, 4^{10}, 2^3\})$	934281216
12	$\mathcal{O}(2; \{12^2, 6^4, 4^{12}\})$	3737124864
12	$\mathcal{O}(2; \{12^2, 6^5, 3, 2^{15}\})$	3566592
12	$\mathcal{O}(2; \{12^2, 6^5, 3^4, 2^{11}\})$	28283904
12	$\mathcal{O}(2; \{12^2, 6^5, 3^7, 2^7\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^5, 3^{10}, 2^3\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6^5, 4^2, 3, 2^{12}\})$	14266368
12	$\mathcal{O}(2; \{12^2, 6^5, 4^2, 3^4, 2^8\})$	113135616
12	$\mathcal{O}(2; \{12^2, 6^5, 4^2, 3^7, 2^4\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^5, 4^2, 3^{10}\})$	7247646720
12	$\mathcal{O}(2; \{12^2, 6^5, 4^4, 3, 2^9\})$	57065472
12	$\mathcal{O}(2; \{12^2, 6^5, 4^4, 3^4, 2^5\})$	452542464
12	$\mathcal{O}(2; \{12^2, 6^5, 4^4, 3^7, 2\})$	3624321024
12	$\mathcal{O}(2; \{12^2, 6^5, 4^6, 3, 2^6\})$	228261888
12	$\mathcal{O}(2; \{12^2, 6^5, 4^6, 3^4, 2^2\})$	1810169856
12	$\mathcal{O}(2; \{12^2, 6^5, 4^8, 3, 2^3\})$	913047552
12	$\mathcal{O}(2; \{12^2, 6^5, 4^{10}, 3\})$	3652190208
12	$\mathcal{O}(2; \{12^2, 6^6, 3^2, 2^{12}\})$	14183424
12	$\mathcal{O}(2; \{12^2, 6^6, 3^5, 2^8\})$	113218560
12	$\mathcal{O}(2; \{12^2, 6^6, 3^8, 2^4\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^6, 3^{11}\})$	7247729664
12	$\mathcal{O}(2; \{12^2, 6^6, 4^2, 3^2, 2^9\})$	56733696
12	$\mathcal{O}(2; \{12^2, 6^6, 4^2, 3^5, 2^5\})$	452874240
12	$\mathcal{O}(2; \{12^2, 6^6, 4^2, 3^8, 2\})$	3623989248
12	$\mathcal{O}(2; \{12^2, 6^6, 4^4, 3^2, 2^6\})$	226934784
12	$\mathcal{O}(2; \{12^2, 6^6, 4^4, 3^5, 2^2\})$	1811496960
12	$\mathcal{O}(2; \{12^2, 6^6, 4^6, 3^2, 2^3\})$	907739136

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 6^6, 4^8, 3^2\})$	3630956544
12	$\mathcal{O}(2; \{12^2, 6^7, 2^{13}\})$	7050240
12	$\mathcal{O}(2; \{12^2, 6^7, 3^3, 2^9\})$	56650752
12	$\mathcal{O}(2; \{12^2, 6^7, 3^6, 2^5\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^7, 3^9, 2\})$	3623906304
12	$\mathcal{O}(2; \{12^2, 6^7, 4^2, 2^{10}\})$	28200960
12	$\mathcal{O}(2; \{12^2, 6^7, 4^2, 3^3, 2^6\})$	226603008
12	$\mathcal{O}(2; \{12^2, 6^7, 4^2, 3^6, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6^7, 4^4, 2^7\})$	112803840
12	$\mathcal{O}(2; \{12^2, 6^7, 4^4, 3^3, 2^3\})$	906412032
12	$\mathcal{O}(2; \{12^2, 6^7, 4^6, 2^4\})$	451215360
12	$\mathcal{O}(2; \{12^2, 6^7, 4^6, 3^3\})$	3625648128
12	$\mathcal{O}(2; \{12^2, 6^7, 4^8, 2\})$	1804861440
12	$\mathcal{O}(2; \{12^2, 6^8, 3, 2^{10}\})$	28283904
12	$\mathcal{O}(2; \{12^2, 6^8, 3^4, 2^6\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^8, 3^7, 2^2\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6^8, 4^2, 3, 2^7\})$	113135616
12	$\mathcal{O}(2; \{12^2, 6^8, 4^2, 3^4, 2^3\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^8, 4^4, 3, 2^4\})$	452542464
12	$\mathcal{O}(2; \{12^2, 6^8, 4^4, 3^4\})$	3624321024
12	$\mathcal{O}(2; \{12^2, 6^8, 4^6, 3, 2\})$	1810169856
12	$\mathcal{O}(2; \{12^2, 6^9, 3^2, 2^7\})$	113218560
12	$\mathcal{O}(2; \{12^2, 6^9, 3^5, 2^3\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^9, 4^2, 3^2, 2^4\})$	452874240
12	$\mathcal{O}(2; \{12^2, 6^9, 4^2, 3^5\})$	3623989248
12	$\mathcal{O}(2; \{12^2, 6^9, 4^4, 3^2, 2\})$	1811496960
12	$\mathcal{O}(2; \{12^2, 6^{10}, 2^8\})$	56650752
12	$\mathcal{O}(2; \{12^2, 6^{10}, 3^3, 2^4\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^{10}, 3^6\})$	3623906304
12	$\mathcal{O}(2; \{12^2, 6^{10}, 4^2, 2^5\})$	226603008
12	$\mathcal{O}(2; \{12^2, 6^{10}, 4^2, 3^3, 2\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6^{10}, 4^4, 2^2\})$	906412032
12	$\mathcal{O}(2; \{12^2, 6^{11}, 3, 2^5\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^{11}, 3^4, 2\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6^{11}, 4^2, 3, 2^2\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^{12}, 3^2, 2^2\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^{13}, 2^3\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^{13}, 4^2\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6^{14}, 3\})$	1811911680
12	$\mathcal{O}(2; \{12^3, 4, 3, 2^{20}\})$	995328
12	$\mathcal{O}(2; \{12^3, 4, 3^4, 2^{16}\})$	6967296
12	$\mathcal{O}(2; \{12^3, 4, 3^7, 2^{12}\})$	56733696
12	$\mathcal{O}(2; \{12^3, 4, 3^{10}, 2^8\})$	452874240

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^3, 4, 3^{13}, 2^4\})$	3623989248
12	$\mathcal{O}(2; \{12^3, 4, 3^{16}\})$	28990918656
12	$\mathcal{O}(2; \{12^3, 4^3, 3, 2^{17}\})$	3981312
12	$\mathcal{O}(2; \{12^3, 4^3, 3^4, 2^{13}\})$	27869184
12	$\mathcal{O}(2; \{12^3, 4^3, 3^7, 2^9\})$	226934784
12	$\mathcal{O}(2; \{12^3, 4^3, 3^{10}, 2^5\})$	1811496960
12	$\mathcal{O}(2; \{12^3, 4^3, 3^{13}, 2\})$	14495956992
12	$\mathcal{O}(2; \{12^3, 4^5, 3, 2^{14}\})$	15925248
12	$\mathcal{O}(2; \{12^3, 4^5, 3^4, 2^{10}\})$	111476736
12	$\mathcal{O}(2; \{12^3, 4^5, 3^7, 2^6\})$	907739136
12	$\mathcal{O}(2; \{12^3, 4^5, 3^{10}, 2^2\})$	7245987840
12	$\mathcal{O}(2; \{12^3, 4^7, 3, 2^{11}\})$	63700992
12	$\mathcal{O}(2; \{12^3, 4^7, 3^4, 2^7\})$	445906944
12	$\mathcal{O}(2; \{12^3, 4^7, 3^7, 2^3\})$	3630956544
12	$\mathcal{O}(2; \{12^3, 4^9, 3, 2^8\})$	254803968
12	$\mathcal{O}(2; \{12^3, 4^9, 3^4, 2^4\})$	1783627776
12	$\mathcal{O}(2; \{12^3, 4^9, 3^7\})$	14523826176
12	$\mathcal{O}(2; \{12^3, 4^{11}, 3, 2^5\})$	1019215872
12	$\mathcal{O}(2; \{12^3, 4^{11}, 3^4, 2\})$	7134511104
12	$\mathcal{O}(2; \{12^3, 4^{13}, 3, 2^2\})$	4076863488
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^2, 2^{17}\})$	3649536
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^5, 2^{13}\})$	28200960
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^8, 2^9\})$	226603008
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^{11}, 2^5\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^{14}, 2\})$	14495625216
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^2, 2^{14}\})$	14598144
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^5, 2^{10}\})$	112803840
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^8, 2^6\})$	906412032
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^{11}, 2^2\})$	7247314944
12	$\mathcal{O}(2; \{12^3, 6, 4^5, 3^2, 2^{11}\})$	58392576
12	$\mathcal{O}(2; \{12^3, 6, 4^5, 3^5, 2^7\})$	451215360
12	$\mathcal{O}(2; \{12^3, 6, 4^5, 3^8, 2^3\})$	3625648128
12	$\mathcal{O}(2; \{12^3, 6, 4^7, 3^2, 2^8\})$	233570304
12	$\mathcal{O}(2; \{12^3, 6, 4^7, 3^5, 2^4\})$	1804861440
12	$\mathcal{O}(2; \{12^3, 6, 4^7, 3^8\})$	14502592512
12	$\mathcal{O}(2; \{12^3, 6, 4^9, 3^2, 2^5\})$	934281216
12	$\mathcal{O}(2; \{12^3, 6, 4^9, 3^5, 2\})$	7219445760
12	$\mathcal{O}(2; \{12^3, 6, 4^{11}, 3^2, 2^2\})$	3737124864
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 2^{18}\})$	1658880
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^3, 2^{14}\})$	14266368
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^6, 2^{10}\})$	113135616
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^9, 2^6\})$	906080256
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^{12}, 2^2\})$	7247646720

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 2^{15}\})$	6635520
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 3^3, 2^{11}\})$	57065472
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 3^6, 2^7\})$	452542464
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 3^9, 2^3\})$	3624321024
12	$\mathcal{O}(2; \{12^3, 6^2, 4^5, 2^{12}\})$	26542080
12	$\mathcal{O}(2; \{12^3, 6^2, 4^5, 3^3, 2^8\})$	228261888
12	$\mathcal{O}(2; \{12^3, 6^2, 4^5, 3^6, 2^4\})$	1810169856
12	$\mathcal{O}(2; \{12^3, 6^2, 4^5, 3^9\})$	14497284096
12	$\mathcal{O}(2; \{12^3, 6^2, 4^7, 2^9\})$	106168320
12	$\mathcal{O}(2; \{12^3, 6^2, 4^7, 3^3, 2^5\})$	913047552
12	$\mathcal{O}(2; \{12^3, 6^2, 4^7, 3^6, 2\})$	7240679424
12	$\mathcal{O}(2; \{12^3, 6^2, 4^9, 2^6\})$	424673280
12	$\mathcal{O}(2; \{12^3, 6^2, 4^9, 3^3, 2^2\})$	3652190208
12	$\mathcal{O}(2; \{12^3, 6^2, 4^{11}, 2^3\})$	1698693120
12	$\mathcal{O}(2; \{12^3, 6^2, 4^{13}\})$	6794772480
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3, 2^{15}\})$	6967296
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3^4, 2^{11}\})$	56733696
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3^7, 2^7\})$	452874240
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3^{10}, 2^3\})$	3623989248
12	$\mathcal{O}(2; \{12^3, 6^3, 4^3, 3, 2^{12}\})$	27869184
12	$\mathcal{O}(2; \{12^3, 6^3, 4^3, 3^4, 2^8\})$	226934784
12	$\mathcal{O}(2; \{12^3, 6^3, 4^3, 3^7, 2^4\})$	1811496960
12	$\mathcal{O}(2; \{12^3, 6^3, 4^3, 3^{10}\})$	14495956992
12	$\mathcal{O}(2; \{12^3, 6^3, 4^5, 3, 2^9\})$	111476736
12	$\mathcal{O}(2; \{12^3, 6^3, 4^5, 3^4, 2^5\})$	907739136
12	$\mathcal{O}(2; \{12^3, 6^3, 4^5, 3^7, 2\})$	7245987840
12	$\mathcal{O}(2; \{12^3, 6^3, 4^7, 3, 2^6\})$	445906944
12	$\mathcal{O}(2; \{12^3, 6^3, 4^7, 3^4, 2^2\})$	3630956544
12	$\mathcal{O}(2; \{12^3, 6^3, 4^9, 3, 2^3\})$	1783627776
12	$\mathcal{O}(2; \{12^3, 6^3, 4^{11}, 3\})$	7134511104
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 3^2, 2^{12}\})$	28200960
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 3^5, 2^8\})$	226603008
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 3^8, 2^4\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 3^{11}\})$	14495625216
12	$\mathcal{O}(2; \{12^3, 6^4, 4^3, 3^2, 2^9\})$	112803840
12	$\mathcal{O}(2; \{12^3, 6^4, 4^3, 3^5, 2^5\})$	906412032
12	$\mathcal{O}(2; \{12^3, 6^4, 4^3, 3^8, 2\})$	7247314944
12	$\mathcal{O}(2; \{12^3, 6^4, 4^5, 3^2, 2^6\})$	451215360
12	$\mathcal{O}(2; \{12^3, 6^4, 4^5, 3^5, 2^2\})$	3625648128
12	$\mathcal{O}(2; \{12^3, 6^4, 4^7, 3^2, 2^3\})$	1804861440
12	$\mathcal{O}(2; \{12^3, 6^4, 4^9, 3^2\})$	7219445760
12	$\mathcal{O}(2; \{12^3, 6^5, 4, 2^{13}\})$	14266368
12	$\mathcal{O}(2; \{12^3, 6^5, 4, 3^3, 2^9\})$	113135616

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^3, 6^5, 4, 3^6, 2^5\})$	906080256
12	$\mathcal{O}(2; \{12^3, 6^5, 4, 3^9, 2\})$	7247646720
12	$\mathcal{O}(2; \{12^3, 6^5, 4^3, 2^{10}\})$	57065472
12	$\mathcal{O}(2; \{12^3, 6^5, 4^3, 3^3, 2^6\})$	452542464
12	$\mathcal{O}(2; \{12^3, 6^5, 4^3, 3^6, 2^2\})$	3624321024
12	$\mathcal{O}(2; \{12^3, 6^5, 4^5, 2^7\})$	228261888
12	$\mathcal{O}(2; \{12^3, 6^5, 4^5, 3^3, 2^3\})$	1810169856
12	$\mathcal{O}(2; \{12^3, 6^5, 4^7, 2^4\})$	913047552
12	$\mathcal{O}(2; \{12^3, 6^5, 4^7, 3^3\})$	7240679424
12	$\mathcal{O}(2; \{12^3, 6^5, 4^9, 2\})$	3652190208
12	$\mathcal{O}(2; \{12^3, 6^6, 4, 3, 2^{10}\})$	56733696
12	$\mathcal{O}(2; \{12^3, 6^6, 4, 3^4, 2^6\})$	452874240
12	$\mathcal{O}(2; \{12^3, 6^6, 4, 3^7, 2^2\})$	3623989248
12	$\mathcal{O}(2; \{12^3, 6^6, 4^3, 3, 2^7\})$	226934784
12	$\mathcal{O}(2; \{12^3, 6^6, 4^3, 3^4, 2^3\})$	1811496960
12	$\mathcal{O}(2; \{12^3, 6^6, 4^5, 3, 2^4\})$	907739136
12	$\mathcal{O}(2; \{12^3, 6^6, 4^5, 3^4\})$	7245987840
12	$\mathcal{O}(2; \{12^3, 6^6, 4^7, 3, 2\})$	3630956544
12	$\mathcal{O}(2; \{12^3, 6^7, 4, 3^2, 2^7\})$	226603008
12	$\mathcal{O}(2; \{12^3, 6^7, 4, 3^5, 2^3\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 6^7, 4^3, 3^2, 2^4\})$	906412032
12	$\mathcal{O}(2; \{12^3, 6^7, 4^3, 3^5\})$	7247314944
12	$\mathcal{O}(2; \{12^3, 6^7, 4^5, 3^2, 2\})$	3625648128
12	$\mathcal{O}(2; \{12^3, 6^8, 4, 2^8\})$	113135616
12	$\mathcal{O}(2; \{12^3, 6^8, 4, 3^3, 2^4\})$	906080256
12	$\mathcal{O}(2; \{12^3, 6^8, 4, 3^6\})$	7247646720
12	$\mathcal{O}(2; \{12^3, 6^8, 4^3, 2^5\})$	452542464
12	$\mathcal{O}(2; \{12^3, 6^8, 4^3, 3^3, 2\})$	3624321024
12	$\mathcal{O}(2; \{12^3, 6^8, 4^5, 2^2\})$	1810169856
12	$\mathcal{O}(2; \{12^3, 6^9, 4, 3, 2^5\})$	452874240
12	$\mathcal{O}(2; \{12^3, 6^9, 4, 3^4, 2\})$	3623989248
12	$\mathcal{O}(2; \{12^3, 6^9, 4^3, 3, 2^2\})$	1811496960
12	$\mathcal{O}(2; \{12^3, 6^{10}, 4, 3^2, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 6^{11}, 4, 2^3\})$	906080256
12	$\mathcal{O}(2; \{12^3, 6^{11}, 4^3\})$	3624321024
12	$\mathcal{O}(2; \{12^3, 6^{12}, 4, 3\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 2^{21}\})$	995328
12	$\mathcal{O}(2; \{12^4, 3^3, 2^{17}\})$	6967296
12	$\mathcal{O}(2; \{12^4, 3^6, 2^{13}\})$	56733696
12	$\mathcal{O}(2; \{12^4, 3^9, 2^9\})$	452874240
12	$\mathcal{O}(2; \{12^4, 3^{12}, 2^5\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 3^{15}, 2\})$	28990918656
12	$\mathcal{O}(2; \{12^4, 4^2, 2^{18}\})$	3981312

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^4, 4^2, 3^3, 2^{14}\})$	27869184
12	$\mathcal{O}(2; \{12^4, 4^2, 3^6, 2^{10}\})$	226934784
12	$\mathcal{O}(2; \{12^4, 4^2, 3^9, 2^6\})$	1811496960
12	$\mathcal{O}(2; \{12^4, 4^2, 3^{12}, 2^2\})$	14495956992
12	$\mathcal{O}(2; \{12^4, 4^4, 2^{15}\})$	15925248
12	$\mathcal{O}(2; \{12^4, 4^4, 3^3, 2^{11}\})$	111476736
12	$\mathcal{O}(2; \{12^4, 4^4, 3^6, 2^7\})$	907739136
12	$\mathcal{O}(2; \{12^4, 4^4, 3^9, 2^3\})$	7245987840
12	$\mathcal{O}(2; \{12^4, 4^6, 2^{12}\})$	63700992
12	$\mathcal{O}(2; \{12^4, 4^6, 3^3, 2^8\})$	445906944
12	$\mathcal{O}(2; \{12^4, 4^6, 3^6, 2^4\})$	3630956544
12	$\mathcal{O}(2; \{12^4, 4^6, 3^9\})$	28983951360
12	$\mathcal{O}(2; \{12^4, 4^8, 2^9\})$	254803968
12	$\mathcal{O}(2; \{12^4, 4^8, 3^3, 2^5\})$	1783627776
12	$\mathcal{O}(2; \{12^4, 4^8, 3^6, 2\})$	14523826176
12	$\mathcal{O}(2; \{12^4, 4^{10}, 2^6\})$	1019215872
12	$\mathcal{O}(2; \{12^4, 4^{10}, 3^3, 2^2\})$	7134511104
12	$\mathcal{O}(2; \{12^4, 4^{12}, 2^3\})$	4076863488
12	$\mathcal{O}(2; \{12^4, 4^{14}\})$	16307453952
12	$\mathcal{O}(2; \{12^4, 6, 3, 2^{18}\})$	3649536
12	$\mathcal{O}(2; \{12^4, 6, 3^4, 2^{14}\})$	28200960
12	$\mathcal{O}(2; \{12^4, 6, 3^7, 2^{10}\})$	226603008
12	$\mathcal{O}(2; \{12^4, 6, 3^{10}, 2^6\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 6, 3^{13}, 2^2\})$	14495625216
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3, 2^{15}\})$	14598144
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3^4, 2^{11}\})$	112803840
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3^7, 2^7\})$	906412032
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3^{10}, 2^3\})$	7247314944
12	$\mathcal{O}(2; \{12^4, 6, 4^4, 3, 2^{12}\})$	58392576
12	$\mathcal{O}(2; \{12^4, 6, 4^4, 3^4, 2^8\})$	451215360
12	$\mathcal{O}(2; \{12^4, 6, 4^4, 3^7, 2^4\})$	3625648128
12	$\mathcal{O}(2; \{12^4, 6, 4^4, 3^{10}\})$	28989259776
12	$\mathcal{O}(2; \{12^4, 6, 4^6, 3, 2^9\})$	233570304
12	$\mathcal{O}(2; \{12^4, 6, 4^6, 3^4, 2^5\})$	1804861440
12	$\mathcal{O}(2; \{12^4, 6, 4^6, 3^7, 2\})$	14502592512
12	$\mathcal{O}(2; \{12^4, 6, 4^8, 3, 2^6\})$	934281216
12	$\mathcal{O}(2; \{12^4, 6, 4^8, 3^4, 2^2\})$	7219445760
12	$\mathcal{O}(2; \{12^4, 6, 4^{10}, 3, 2^3\})$	3737124864
12	$\mathcal{O}(2; \{12^4, 6, 4^{12}, 3\})$	14948499456
12	$\mathcal{O}(2; \{12^4, 6^2, 3^2, 2^{15}\})$	14266368
12	$\mathcal{O}(2; \{12^4, 6^2, 3^5, 2^{11}\})$	113135616
12	$\mathcal{O}(2; \{12^4, 6^2, 3^8, 2^7\})$	906080256
12	$\mathcal{O}(2; \{12^4, 6^2, 3^{11}, 2^3\})$	7247646720

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 3^2, 2^{12}\})$	57065472
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 3^5, 2^8\})$	452542464
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 3^8, 2^4\})$	3624321024
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 3^{11}\})$	28990586880
12	$\mathcal{O}(2; \{12^4, 6^2, 4^4, 3^2, 2^9\})$	228261888
12	$\mathcal{O}(2; \{12^4, 6^2, 4^4, 3^5, 2^5\})$	1810169856
12	$\mathcal{O}(2; \{12^4, 6^2, 4^4, 3^8, 2\})$	14497284096
12	$\mathcal{O}(2; \{12^4, 6^2, 4^6, 3^2, 2^6\})$	913047552
12	$\mathcal{O}(2; \{12^4, 6^2, 4^6, 3^5, 2^2\})$	7240679424
12	$\mathcal{O}(2; \{12^4, 6^2, 4^8, 3^2, 2^3\})$	3652190208
12	$\mathcal{O}(2; \{12^4, 6^2, 4^{10}, 3^2\})$	14608760832
12	$\mathcal{O}(2; \{12^4, 6^3, 2^{16}\})$	6967296
12	$\mathcal{O}(2; \{12^4, 6^3, 3^3, 2^{12}\})$	56733696
12	$\mathcal{O}(2; \{12^4, 6^3, 3^6, 2^8\})$	452874240
12	$\mathcal{O}(2; \{12^4, 6^3, 3^9, 2^4\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 6^3, 3^{12}\})$	28990918656
12	$\mathcal{O}(2; \{12^4, 6^3, 4^2, 2^{13}\})$	27869184
12	$\mathcal{O}(2; \{12^4, 6^3, 4^2, 3^3, 2^9\})$	226934784
12	$\mathcal{O}(2; \{12^4, 6^3, 4^2, 3^6, 2^5\})$	1811496960
12	$\mathcal{O}(2; \{12^4, 6^3, 4^2, 3^9, 2\})$	14495956992
12	$\mathcal{O}(2; \{12^4, 6^3, 4^4, 2^{10}\})$	111476736
12	$\mathcal{O}(2; \{12^4, 6^3, 4^4, 3^3, 2^6\})$	907739136
12	$\mathcal{O}(2; \{12^4, 6^3, 4^4, 3^6, 2^2\})$	7245987840
12	$\mathcal{O}(2; \{12^4, 6^3, 4^6, 2^7\})$	445906944
12	$\mathcal{O}(2; \{12^4, 6^3, 4^6, 3^3, 2^3\})$	3630956544
12	$\mathcal{O}(2; \{12^4, 6^3, 4^8, 2^4\})$	1783627776
12	$\mathcal{O}(2; \{12^4, 6^3, 4^8, 3^3\})$	14523826176
12	$\mathcal{O}(2; \{12^4, 6^3, 4^{10}, 2\})$	7134511104
12	$\mathcal{O}(2; \{12^4, 6^4, 3, 2^{13}\})$	28200960
12	$\mathcal{O}(2; \{12^4, 6^4, 3^4, 2^9\})$	226603008
12	$\mathcal{O}(2; \{12^4, 6^4, 3^7, 2^5\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 6^4, 3^{10}, 2\})$	14495625216
12	$\mathcal{O}(2; \{12^4, 6^4, 4^2, 3, 2^{10}\})$	112803840
12	$\mathcal{O}(2; \{12^4, 6^4, 4^2, 3^4, 2^6\})$	906412032
12	$\mathcal{O}(2; \{12^4, 6^4, 4^2, 3^7, 2^2\})$	7247314944
12	$\mathcal{O}(2; \{12^4, 6^4, 4^4, 3, 2^7\})$	451215360
12	$\mathcal{O}(2; \{12^4, 6^4, 4^4, 3^4, 2^3\})$	3625648128
12	$\mathcal{O}(2; \{12^4, 6^4, 4^6, 3, 2^4\})$	1804861440
12	$\mathcal{O}(2; \{12^4, 6^4, 4^6, 3^4\})$	14502592512
12	$\mathcal{O}(2; \{12^4, 6^4, 4^8, 3, 2\})$	7219445760
12	$\mathcal{O}(2; \{12^4, 6^5, 3^2, 2^{10}\})$	113135616
12	$\mathcal{O}(2; \{12^4, 6^5, 3^5, 2^6\})$	906080256
12	$\mathcal{O}(2; \{12^4, 6^5, 3^8, 2^2\})$	7247646720

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^4, 6^5, 4^2, 3^2, 2^7\})$	452542464
12	$\mathcal{O}(2; \{12^4, 6^5, 4^2, 3^5, 2^3\})$	3624321024
12	$\mathcal{O}(2; \{12^4, 6^5, 4^4, 3^2, 2^4\})$	1810169856
12	$\mathcal{O}(2; \{12^4, 6^5, 4^4, 3^5\})$	14497284096
12	$\mathcal{O}(2; \{12^4, 6^5, 4^6, 3^2, 2\})$	7240679424
12	$\mathcal{O}(2; \{12^4, 6^6, 2^{11}\})$	56733696
12	$\mathcal{O}(2; \{12^4, 6^6, 3^3, 2^7\})$	452874240
12	$\mathcal{O}(2; \{12^4, 6^6, 3^6, 2^3\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 6^6, 4^2, 2^8\})$	226934784
12	$\mathcal{O}(2; \{12^4, 6^6, 4^2, 3^3, 2^4\})$	1811496960
12	$\mathcal{O}(2; \{12^4, 6^6, 4^2, 3^6\})$	14495956992
12	$\mathcal{O}(2; \{12^4, 6^6, 4^4, 2^5\})$	907739136
12	$\mathcal{O}(2; \{12^4, 6^6, 4^4, 3^3, 2\})$	7245987840
12	$\mathcal{O}(2; \{12^4, 6^6, 4^6, 2^2\})$	3630956544
12	$\mathcal{O}(2; \{12^4, 6^7, 3, 2^8\})$	226603008
12	$\mathcal{O}(2; \{12^4, 6^7, 3^4, 2^4\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 6^7, 3^7\})$	14495625216
12	$\mathcal{O}(2; \{12^4, 6^7, 4^2, 3, 2^5\})$	906412032
12	$\mathcal{O}(2; \{12^4, 6^7, 4^2, 3^4, 2\})$	7247314944
12	$\mathcal{O}(2; \{12^4, 6^7, 4^4, 3, 2^2\})$	3625648128
12	$\mathcal{O}(2; \{12^4, 6^8, 3^2, 2^5\})$	906080256
12	$\mathcal{O}(2; \{12^4, 6^8, 3^5, 2\})$	7247646720
12	$\mathcal{O}(2; \{12^4, 6^8, 4^2, 3^2, 2^2\})$	3624321024
12	$\mathcal{O}(2; \{12^4, 6^9, 2^6\})$	452874240
12	$\mathcal{O}(2; \{12^4, 6^9, 3^3, 2^2\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 6^9, 4^2, 2^3\})$	1811496960
12	$\mathcal{O}(2; \{12^4, 6^9, 4^4\})$	7245987840
12	$\mathcal{O}(2; \{12^4, 6^{10}, 3, 2^3\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 6^{10}, 4^2, 3\})$	7247314944
12	$\mathcal{O}(2; \{12^4, 6^{11}, 3^2\})$	7247646720
12	$\mathcal{O}(2; \{12^4, 6^{12}, 2\})$	3623989248
12	$\mathcal{O}(2; \{12^5, 4, 3^2, 2^{15}\})$	27869184
12	$\mathcal{O}(2; \{12^5, 4, 3^5, 2^{11}\})$	226934784
12	$\mathcal{O}(2; \{12^5, 4, 3^8, 2^7\})$	1811496960
12	$\mathcal{O}(2; \{12^5, 4, 3^{11}, 2^3\})$	14495956992
12	$\mathcal{O}(2; \{12^5, 4^3, 3^2, 2^{12}\})$	111476736
12	$\mathcal{O}(2; \{12^5, 4^3, 3^5, 2^8\})$	907739136
12	$\mathcal{O}(2; \{12^5, 4^3, 3^8, 2^4\})$	7245987840
12	$\mathcal{O}(2; \{12^5, 4^3, 3^{11}\})$	57983827968
12	$\mathcal{O}(2; \{12^5, 4^5, 3^2, 2^9\})$	445906944
12	$\mathcal{O}(2; \{12^5, 4^5, 3^5, 2^5\})$	3630956544
12	$\mathcal{O}(2; \{12^5, 4^5, 3^8, 2\})$	28983951360
12	$\mathcal{O}(2; \{12^5, 4^7, 3^2, 2^6\})$	1783627776

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^5, 4^7, 3^5, 2^2\})$	14523826176
12	$\mathcal{O}(2; \{12^5, 4^9, 3^2, 2^3\})$	7134511104
12	$\mathcal{O}(2; \{12^5, 4^{11}, 3^2\})$	28538044416
12	$\mathcal{O}(2; \{12^5, 6, 4, 2^{16}\})$	14598144
12	$\mathcal{O}(2; \{12^5, 6, 4, 3^3, 2^{12}\})$	112803840
12	$\mathcal{O}(2; \{12^5, 6, 4, 3^6, 2^8\})$	906412032
12	$\mathcal{O}(2; \{12^5, 6, 4, 3^9, 2^4\})$	7247314944
12	$\mathcal{O}(2; \{12^5, 6, 4, 3^{12}\})$	57982500864
12	$\mathcal{O}(2; \{12^5, 6, 4^3, 2^{13}\})$	58392576
12	$\mathcal{O}(2; \{12^5, 6, 4^3, 3^3, 2^9\})$	451215360
12	$\mathcal{O}(2; \{12^5, 6, 4^3, 3^6, 2^5\})$	3625648128
12	$\mathcal{O}(2; \{12^5, 6, 4^3, 3^9, 2\})$	28989259776
12	$\mathcal{O}(2; \{12^5, 6, 4^5, 2^{10}\})$	233570304
12	$\mathcal{O}(2; \{12^5, 6, 4^5, 3^3, 2^6\})$	1804861440
12	$\mathcal{O}(2; \{12^5, 6, 4^5, 3^6, 2^2\})$	14502592512
12	$\mathcal{O}(2; \{12^5, 6, 4^7, 2^7\})$	934281216
12	$\mathcal{O}(2; \{12^5, 6, 4^7, 3^3, 2^3\})$	7219445760
12	$\mathcal{O}(2; \{12^5, 6, 4^9, 2^4\})$	3737124864
12	$\mathcal{O}(2; \{12^5, 6, 4^9, 3^3\})$	28877783040
12	$\mathcal{O}(2; \{12^5, 6, 4^{11}, 2\})$	14948499456
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 3, 2^{13}\})$	57065472
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 3^4, 2^9\})$	452542464
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 3^7, 2^5\})$	3624321024
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 3^{10}, 2\})$	28990586880
12	$\mathcal{O}(2; \{12^5, 6^2, 4^3, 3, 2^{10}\})$	228261888
12	$\mathcal{O}(2; \{12^5, 6^2, 4^3, 3^4, 2^6\})$	1810169856
12	$\mathcal{O}(2; \{12^5, 6^2, 4^3, 3^7, 2^2\})$	14497284096
12	$\mathcal{O}(2; \{12^5, 6^2, 4^5, 3, 2^7\})$	913047552
12	$\mathcal{O}(2; \{12^5, 6^2, 4^5, 3^4, 2^3\})$	7240679424
12	$\mathcal{O}(2; \{12^5, 6^2, 4^7, 3, 2^4\})$	3652190208
12	$\mathcal{O}(2; \{12^5, 6^2, 4^7, 3^4\})$	28962717696
12	$\mathcal{O}(2; \{12^5, 6^2, 4^9, 3, 2\})$	14608760832
12	$\mathcal{O}(2; \{12^5, 6^3, 4, 3^2, 2^{10}\})$	226934784
12	$\mathcal{O}(2; \{12^5, 6^3, 4, 3^5, 2^6\})$	1811496960
12	$\mathcal{O}(2; \{12^5, 6^3, 4, 3^8, 2^2\})$	14495956992
12	$\mathcal{O}(2; \{12^5, 6^3, 4^3, 3^2, 2^7\})$	907739136
12	$\mathcal{O}(2; \{12^5, 6^3, 4^3, 3^5, 2^3\})$	7245987840
12	$\mathcal{O}(2; \{12^5, 6^3, 4^5, 3^2, 2^4\})$	3630956544
12	$\mathcal{O}(2; \{12^5, 6^3, 4^5, 3^5\})$	28983951360
12	$\mathcal{O}(2; \{12^5, 6^3, 4^7, 3^2, 2\})$	14523826176
12	$\mathcal{O}(2; \{12^5, 6^4, 4, 2^{11}\})$	112803840
12	$\mathcal{O}(2; \{12^5, 6^4, 4, 3^3, 2^7\})$	906412032
12	$\mathcal{O}(2; \{12^5, 6^4, 4, 3^6, 2^3\})$	7247314944

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^5, 6^4, 4^3, 2^8\})$	451215360
12	$\mathcal{O}(2; \{12^5, 6^4, 4^3, 3^3, 2^4\})$	3625648128
12	$\mathcal{O}(2; \{12^5, 6^4, 4^3, 3^6\})$	28989259776
12	$\mathcal{O}(2; \{12^5, 6^4, 4^5, 2^5\})$	1804861440
12	$\mathcal{O}(2; \{12^5, 6^4, 4^5, 3^3, 2\})$	14502592512
12	$\mathcal{O}(2; \{12^5, 6^4, 4^7, 2^2\})$	7219445760
12	$\mathcal{O}(2; \{12^5, 6^5, 4, 3, 2^8\})$	452542464
12	$\mathcal{O}(2; \{12^5, 6^5, 4, 3^4, 2^4\})$	3624321024
12	$\mathcal{O}(2; \{12^5, 6^5, 4, 3^7\})$	28990586880
12	$\mathcal{O}(2; \{12^5, 6^5, 4^3, 3, 2^5\})$	1810169856
12	$\mathcal{O}(2; \{12^5, 6^5, 4^3, 3^4, 2\})$	14497284096
12	$\mathcal{O}(2; \{12^5, 6^5, 4^5, 3, 2^2\})$	7240679424
12	$\mathcal{O}(2; \{12^5, 6^6, 4, 3^2, 2^5\})$	1811496960
12	$\mathcal{O}(2; \{12^5, 6^6, 4, 3^5, 2\})$	14495956992
12	$\mathcal{O}(2; \{12^5, 6^6, 4^3, 3^2, 2^2\})$	7245987840
12	$\mathcal{O}(2; \{12^5, 6^7, 4, 2^6\})$	906412032
12	$\mathcal{O}(2; \{12^5, 6^7, 4, 3^3, 2^2\})$	7247314944
12	$\mathcal{O}(2; \{12^5, 6^7, 4^3, 2^3\})$	3625648128
12	$\mathcal{O}(2; \{12^5, 6^7, 4^5\})$	14502592512
12	$\mathcal{O}(2; \{12^5, 6^8, 4, 3, 2^3\})$	3624321024
12	$\mathcal{O}(2; \{12^5, 6^8, 4^3, 3\})$	14497284096
12	$\mathcal{O}(2; \{12^5, 6^9, 4, 3^2\})$	14495956992
12	$\mathcal{O}(2; \{12^5, 6^{10}, 4, 2\})$	7247314944
12	$\mathcal{O}(2; \{12^6, 3, 2^{16}\})$	27869184
12	$\mathcal{O}(2; \{12^6, 3^4, 2^{12}\})$	226934784
12	$\mathcal{O}(2; \{12^6, 3^7, 2^8\})$	1811496960
12	$\mathcal{O}(2; \{12^6, 3^{10}, 2^4\})$	14495956992
12	$\mathcal{O}(2; \{12^6, 3^{13}\})$	115963674624
12	$\mathcal{O}(2; \{12^6, 4^2, 3, 2^{13}\})$	111476736
12	$\mathcal{O}(2; \{12^6, 4^2, 3^4, 2^9\})$	907739136
12	$\mathcal{O}(2; \{12^6, 4^2, 3^7, 2^5\})$	7245987840
12	$\mathcal{O}(2; \{12^6, 4^2, 3^{10}, 2\})$	57983827968
12	$\mathcal{O}(2; \{12^6, 4^4, 3, 2^{10}\})$	445906944
12	$\mathcal{O}(2; \{12^6, 4^4, 3^4, 2^6\})$	3630956544
12	$\mathcal{O}(2; \{12^6, 4^4, 3^7, 2^2\})$	28983951360
12	$\mathcal{O}(2; \{12^6, 4^6, 3, 2^7\})$	1783627776
12	$\mathcal{O}(2; \{12^6, 4^6, 3^4, 2^3\})$	14523826176
12	$\mathcal{O}(2; \{12^6, 4^8, 3, 2^4\})$	7134511104
12	$\mathcal{O}(2; \{12^6, 4^8, 3^4\})$	58095304704
12	$\mathcal{O}(2; \{12^6, 4^{10}, 3, 2\})$	28538044416
12	$\mathcal{O}(2; \{12^6, 6, 3^2, 2^{13}\})$	112803840
12	$\mathcal{O}(2; \{12^6, 6, 3^5, 2^9\})$	906412032
12	$\mathcal{O}(2; \{12^6, 6, 3^8, 2^5\})$	7247314944

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^6, 6, 3^{11}, 2\})$	57982500864
12	$\mathcal{O}(2; \{12^6, 6, 4^2, 3^2, 2^{10}\})$	451215360
12	$\mathcal{O}(2; \{12^6, 6, 4^2, 3^5, 2^6\})$	3625648128
12	$\mathcal{O}(2; \{12^6, 6, 4^2, 3^8, 2^2\})$	28989259776
12	$\mathcal{O}(2; \{12^6, 6, 4^4, 3^2, 2^7\})$	1804861440
12	$\mathcal{O}(2; \{12^6, 6, 4^4, 3^5, 2^3\})$	14502592512
12	$\mathcal{O}(2; \{12^6, 6, 4^6, 3^2, 2^4\})$	7219445760
12	$\mathcal{O}(2; \{12^6, 6, 4^6, 3^5\})$	58010370048
12	$\mathcal{O}(2; \{12^6, 6, 4^8, 3^2, 2\})$	28877783040
12	$\mathcal{O}(2; \{12^6, 6^2, 2^{14}\})$	57065472
12	$\mathcal{O}(2; \{12^6, 6^2, 3^3, 2^{10}\})$	452542464
12	$\mathcal{O}(2; \{12^6, 6^2, 3^6, 2^6\})$	3624321024
12	$\mathcal{O}(2; \{12^6, 6^2, 3^9, 2^2\})$	28990586880
12	$\mathcal{O}(2; \{12^6, 6^2, 4^2, 2^{11}\})$	228261888
12	$\mathcal{O}(2; \{12^6, 6^2, 4^2, 3^3, 2^7\})$	1810169856
12	$\mathcal{O}(2; \{12^6, 6^2, 4^2, 3^6, 2^3\})$	14497284096
12	$\mathcal{O}(2; \{12^6, 6^2, 4^4, 2^8\})$	913047552
12	$\mathcal{O}(2; \{12^6, 6^2, 4^4, 3^3, 2^4\})$	7240679424
12	$\mathcal{O}(2; \{12^6, 6^2, 4^4, 3^6\})$	57989136384
12	$\mathcal{O}(2; \{12^6, 6^2, 4^6, 2^5\})$	3652190208
12	$\mathcal{O}(2; \{12^6, 6^2, 4^6, 3^3, 2\})$	28962717696
12	$\mathcal{O}(2; \{12^6, 6^2, 4^8, 2^2\})$	14608760832
12	$\mathcal{O}(2; \{12^6, 6^3, 3, 2^{11}\})$	226934784
12	$\mathcal{O}(2; \{12^6, 6^3, 3^4, 2^7\})$	1811496960
12	$\mathcal{O}(2; \{12^6, 6^3, 3^7, 2^3\})$	14495956992
12	$\mathcal{O}(2; \{12^6, 6^3, 4^2, 3, 2^8\})$	907739136
12	$\mathcal{O}(2; \{12^6, 6^3, 4^2, 3^4, 2^4\})$	7245987840
12	$\mathcal{O}(2; \{12^6, 6^3, 4^2, 3^7\})$	57983827968
12	$\mathcal{O}(2; \{12^6, 6^3, 4^4, 3, 2^5\})$	3630956544
12	$\mathcal{O}(2; \{12^6, 6^3, 4^4, 3^4, 2\})$	28983951360
12	$\mathcal{O}(2; \{12^6, 6^3, 4^6, 3, 2^2\})$	14523826176
12	$\mathcal{O}(2; \{12^6, 6^4, 3^2, 2^8\})$	906412032
12	$\mathcal{O}(2; \{12^6, 6^4, 3^5, 2^4\})$	7247314944
12	$\mathcal{O}(2; \{12^6, 6^4, 3^8\})$	57982500864
12	$\mathcal{O}(2; \{12^6, 6^4, 4^2, 3^2, 2^5\})$	3625648128
12	$\mathcal{O}(2; \{12^6, 6^4, 4^2, 3^5, 2\})$	28989259776
12	$\mathcal{O}(2; \{12^6, 6^4, 4^4, 3^2, 2^2\})$	14502592512
12	$\mathcal{O}(2; \{12^6, 6^5, 2^9\})$	452542464
12	$\mathcal{O}(2; \{12^6, 6^5, 3^3, 2^5\})$	3624321024
12	$\mathcal{O}(2; \{12^6, 6^5, 3^6, 2\})$	28990586880
12	$\mathcal{O}(2; \{12^6, 6^5, 4^2, 2^6\})$	1810169856
12	$\mathcal{O}(2; \{12^6, 6^5, 4^2, 3^3, 2^2\})$	14497284096
12	$\mathcal{O}(2; \{12^6, 6^5, 4^4, 2^3\})$	7240679424

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^6, 6^5, 4^6\})$	28962717696
12	$\mathcal{O}(2; \{12^6, 6^6, 3, 2^6\})$	1811496960
12	$\mathcal{O}(2; \{12^6, 6^6, 3^4, 2^2\})$	14495956992
12	$\mathcal{O}(2; \{12^6, 6^6, 4^2, 3, 2^3\})$	7245987840
12	$\mathcal{O}(2; \{12^6, 6^6, 4^4, 3\})$	28983951360
12	$\mathcal{O}(2; \{12^6, 6^7, 3^2, 2^3\})$	7247314944
12	$\mathcal{O}(2; \{12^6, 6^7, 4^2, 3^2\})$	28989259776
12	$\mathcal{O}(2; \{12^6, 6^8, 2^4\})$	3624321024
12	$\mathcal{O}(2; \{12^6, 6^8, 3^3\})$	28990586880
12	$\mathcal{O}(2; \{12^6, 6^8, 4^2, 2\})$	14497284096
12	$\mathcal{O}(2; \{12^6, 6^9, 3, 2\})$	14495956992
12	$\mathcal{O}(2; \{12^7, 4, 2^{14}\})$	111476736
12	$\mathcal{O}(2; \{12^7, 4, 3^3, 2^{10}\})$	907739136
12	$\mathcal{O}(2; \{12^7, 4, 3^6, 2^6\})$	7245987840
12	$\mathcal{O}(2; \{12^7, 4, 3^9, 2^2\})$	57983827968
12	$\mathcal{O}(2; \{12^7, 4^3, 2^{11}\})$	445906944
12	$\mathcal{O}(2; \{12^7, 4^3, 3^3, 2^7\})$	3630956544
12	$\mathcal{O}(2; \{12^7, 4^3, 3^6, 2^3\})$	28983951360
12	$\mathcal{O}(2; \{12^7, 4^5, 2^8\})$	1783627776
12	$\mathcal{O}(2; \{12^7, 4^5, 3^3, 2^4\})$	14523826176
12	$\mathcal{O}(2; \{12^7, 4^5, 3^6\})$	115935805440
12	$\mathcal{O}(2; \{12^7, 4^7, 2^5\})$	7134511104
12	$\mathcal{O}(2; \{12^7, 4^7, 3^3, 2\})$	58095304704
12	$\mathcal{O}(2; \{12^7, 4^9, 2^2\})$	28538044416
12	$\mathcal{O}(2; \{12^7, 6, 4, 3, 2^{11}\})$	451215360
12	$\mathcal{O}(2; \{12^7, 6, 4, 3^4, 2^7\})$	3625648128
12	$\mathcal{O}(2; \{12^7, 6, 4, 3^7, 2^3\})$	28989259776
12	$\mathcal{O}(2; \{12^7, 6, 4^3, 3, 2^8\})$	1804861440
12	$\mathcal{O}(2; \{12^7, 6, 4^3, 3^4, 2^4\})$	14502592512
12	$\mathcal{O}(2; \{12^7, 6, 4^3, 3^7\})$	115957039104
12	$\mathcal{O}(2; \{12^7, 6, 4^5, 3, 2^5\})$	7219445760
12	$\mathcal{O}(2; \{12^7, 6, 4^5, 3^4, 2\})$	58010370048
12	$\mathcal{O}(2; \{12^7, 6, 4^7, 3, 2^2\})$	28877783040
12	$\mathcal{O}(2; \{12^7, 6^2, 4, 3^2, 2^8\})$	1810169856
12	$\mathcal{O}(2; \{12^7, 6^2, 4, 3^5, 2^4\})$	14497284096
12	$\mathcal{O}(2; \{12^7, 6^2, 4, 3^8\})$	115962347520
12	$\mathcal{O}(2; \{12^7, 6^2, 4^3, 3^2, 2^5\})$	7240679424
12	$\mathcal{O}(2; \{12^7, 6^2, 4^3, 3^5, 2\})$	57989136384
12	$\mathcal{O}(2; \{12^7, 6^2, 4^5, 3^2, 2^2\})$	28962717696
12	$\mathcal{O}(2; \{12^7, 6^3, 4, 2^9\})$	907739136
12	$\mathcal{O}(2; \{12^7, 6^3, 4, 3^3, 2^5\})$	7245987840
12	$\mathcal{O}(2; \{12^7, 6^3, 4, 3^6, 2\})$	57983827968
12	$\mathcal{O}(2; \{12^7, 6^3, 4^3, 2^6\})$	3630956544

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^7, 6^3, 4^3, 3^3, 2^2\})$	28983951360
12	$\mathcal{O}(2; \{12^7, 6^3, 4^5, 2^3\})$	14523826176
12	$\mathcal{O}(2; \{12^7, 6^3, 4^7\})$	58095304704
12	$\mathcal{O}(2; \{12^7, 6^4, 4, 3, 2^6\})$	3625648128
12	$\mathcal{O}(2; \{12^7, 6^4, 4, 3^4, 2^2\})$	28989259776
12	$\mathcal{O}(2; \{12^7, 6^4, 4^3, 3, 2^3\})$	14502592512
12	$\mathcal{O}(2; \{12^7, 6^4, 4^5, 3\})$	58010370048
12	$\mathcal{O}(2; \{12^7, 6^5, 4, 3^2, 2^3\})$	14497284096
12	$\mathcal{O}(2; \{12^7, 6^5, 4^3, 3^2\})$	57989136384
12	$\mathcal{O}(2; \{12^7, 6^6, 4, 2^4\})$	7245987840
12	$\mathcal{O}(2; \{12^7, 6^6, 4, 3^3\})$	57983827968
12	$\mathcal{O}(2; \{12^7, 6^6, 4^3, 2\})$	28983951360
12	$\mathcal{O}(2; \{12^7, 6^7, 4, 3, 2\})$	28989259776
12	$\mathcal{O}(2; \{12^8, 3^2, 2^{11}\})$	907739136
12	$\mathcal{O}(2; \{12^8, 3^5, 2^7\})$	7245987840
12	$\mathcal{O}(2; \{12^8, 3^8, 2^3\})$	57983827968
12	$\mathcal{O}(2; \{12^8, 4^2, 3^2, 2^8\})$	3630956544
12	$\mathcal{O}(2; \{12^8, 4^2, 3^5, 2^4\})$	28983951360
12	$\mathcal{O}(2; \{12^8, 4^2, 3^8\})$	231935311872
12	$\mathcal{O}(2; \{12^8, 4^4, 3^2, 2^5\})$	14523826176
12	$\mathcal{O}(2; \{12^8, 4^4, 3^5, 2\})$	115935805440
12	$\mathcal{O}(2; \{12^8, 4^6, 3^2, 2^2\})$	58095304704
12	$\mathcal{O}(2; \{12^8, 6, 2^{12}\})$	451215360
12	$\mathcal{O}(2; \{12^8, 6, 3^3, 2^8\})$	3625648128
12	$\mathcal{O}(2; \{12^8, 6, 3^6, 2^4\})$	28989259776
12	$\mathcal{O}(2; \{12^8, 6, 3^9\})$	231930003456
12	$\mathcal{O}(2; \{12^8, 6, 4^2, 2^9\})$	1804861440
12	$\mathcal{O}(2; \{12^8, 6, 4^2, 3^3, 2^5\})$	14502592512
12	$\mathcal{O}(2; \{12^8, 6, 4^2, 3^6, 2\})$	115957039104
12	$\mathcal{O}(2; \{12^8, 6, 4^4, 2^6\})$	7219445760
12	$\mathcal{O}(2; \{12^8, 6, 4^4, 3^3, 2^2\})$	58010370048
12	$\mathcal{O}(2; \{12^8, 6, 4^6, 2^3\})$	28877783040
12	$\mathcal{O}(2; \{12^8, 6, 4^8\})$	115511132160
12	$\mathcal{O}(2; \{12^8, 6^2, 3, 2^9\})$	1810169856
12	$\mathcal{O}(2; \{12^8, 6^2, 3^4, 2^5\})$	14497284096
12	$\mathcal{O}(2; \{12^8, 6^2, 3^7, 2\})$	115962347520
12	$\mathcal{O}(2; \{12^8, 6^2, 4^2, 3, 2^6\})$	7240679424
12	$\mathcal{O}(2; \{12^8, 6^2, 4^2, 3^4, 2^2\})$	57989136384
12	$\mathcal{O}(2; \{12^8, 6^2, 4^4, 3, 2^3\})$	28962717696
12	$\mathcal{O}(2; \{12^8, 6^2, 4^6, 3\})$	115850870784
12	$\mathcal{O}(2; \{12^8, 6^3, 3^2, 2^6\})$	7245987840
12	$\mathcal{O}(2; \{12^8, 6^3, 3^5, 2^2\})$	57983827968
12	$\mathcal{O}(2; \{12^8, 6^3, 4^2, 3^2, 2^3\})$	28983951360

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^8, 6^3, 4^4, 3^2\})$	115935805440
12	$\mathcal{O}(2; \{12^8, 6^4, 2^7\})$	3625648128
12	$\mathcal{O}(2; \{12^8, 6^4, 3^3, 2^3\})$	28989259776
12	$\mathcal{O}(2; \{12^8, 6^4, 4^2, 2^4\})$	14502592512
12	$\mathcal{O}(2; \{12^8, 6^4, 4^2, 3^3\})$	115957039104
12	$\mathcal{O}(2; \{12^8, 6^4, 4^4, 2\})$	58010370048
12	$\mathcal{O}(2; \{12^8, 6^5, 3, 2^4\})$	14497284096
12	$\mathcal{O}(2; \{12^8, 6^5, 3^4\})$	115962347520
12	$\mathcal{O}(2; \{12^8, 6^5, 4^2, 3, 2\})$	57989136384
12	$\mathcal{O}(2; \{12^8, 6^6, 3^2, 2\})$	57983827968
12	$\mathcal{O}(2; \{12^8, 6^7, 2^2\})$	28989259776
12	$\mathcal{O}(2; \{12^9, 4, 3, 2^9\})$	3630956544
12	$\mathcal{O}(2; \{12^9, 4, 3^4, 2^5\})$	28983951360
12	$\mathcal{O}(2; \{12^9, 4, 3^7, 2\})$	231935311872
12	$\mathcal{O}(2; \{12^9, 4^3, 3, 2^6\})$	14523826176
12	$\mathcal{O}(2; \{12^9, 4^3, 3^4, 2^2\})$	115935805440
12	$\mathcal{O}(2; \{12^9, 4^5, 3, 2^3\})$	58095304704
12	$\mathcal{O}(2; \{12^9, 4^7, 3\})$	232381218816
12	$\mathcal{O}(2; \{12^9, 6, 4, 3^2, 2^6\})$	14502592512
12	$\mathcal{O}(2; \{12^9, 6, 4, 3^5, 2^2\})$	115957039104
12	$\mathcal{O}(2; \{12^9, 6, 4^3, 3^2, 2^3\})$	58010370048
12	$\mathcal{O}(2; \{12^9, 6, 4^5, 3^2\})$	232041480192
12	$\mathcal{O}(2; \{12^9, 6^2, 4, 2^7\})$	7240679424
12	$\mathcal{O}(2; \{12^9, 6^2, 4, 3^3, 2^3\})$	57989136384
12	$\mathcal{O}(2; \{12^9, 6^2, 4^3, 2^4\})$	28962717696
12	$\mathcal{O}(2; \{12^9, 6^2, 4^3, 3^3\})$	231956545536
12	$\mathcal{O}(2; \{12^9, 6^2, 4^5, 2\})$	115850870784
12	$\mathcal{O}(2; \{12^9, 6^3, 4, 3, 2^4\})$	28983951360
12	$\mathcal{O}(2; \{12^9, 6^3, 4, 3^4\})$	231935311872
12	$\mathcal{O}(2; \{12^9, 6^3, 4^3, 3, 2\})$	115935805440
12	$\mathcal{O}(2; \{12^9, 6^4, 4, 3^2, 2\})$	115957039104
12	$\mathcal{O}(2; \{12^9, 6^5, 4, 2^2\})$	57989136384
12	$\mathcal{O}(2; \{12^{10}, 2^{10}\})$	3630956544
12	$\mathcal{O}(2; \{12^{10}, 3^3, 2^6\})$	28983951360
12	$\mathcal{O}(2; \{12^{10}, 3^6, 2^2\})$	231935311872
12	$\mathcal{O}(2; \{12^{10}, 4^2, 2^7\})$	14523826176
12	$\mathcal{O}(2; \{12^{10}, 4^2, 3^3, 2^3\})$	115935805440
12	$\mathcal{O}(2; \{12^{10}, 4^4, 2^4\})$	58095304704
12	$\mathcal{O}(2; \{12^{10}, 4^4, 3^3\})$	463743221760
12	$\mathcal{O}(2; \{12^{10}, 4^6, 2\})$	232381218816
12	$\mathcal{O}(2; \{12^{10}, 6, 3, 2^7\})$	14502592512
12	$\mathcal{O}(2; \{12^{10}, 6, 3^4, 2^3\})$	115957039104
12	$\mathcal{O}(2; \{12^{10}, 6, 4^2, 3, 2^4\})$	58010370048

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^{10}, 6, 4^2, 3^4\})$	463828156416
12	$\mathcal{O}(2; \{12^{10}, 6, 4^4, 3, 2\})$	232041480192
12	$\mathcal{O}(2; \{12^{10}, 6^2, 3^2, 2^4\})$	57989136384
12	$\mathcal{O}(2; \{12^{10}, 6^2, 3^5\})$	463849390080
12	$\mathcal{O}(2; \{12^{10}, 6^2, 4^2, 3^2, 2\})$	231956545536
12	$\mathcal{O}(2; \{12^{10}, 6^3, 2^5\})$	28983951360
12	$\mathcal{O}(2; \{12^{10}, 6^3, 3^3, 2\})$	231935311872
12	$\mathcal{O}(2; \{12^{10}, 6^3, 4^2, 2^2\})$	115935805440
12	$\mathcal{O}(2; \{12^{10}, 6^4, 3, 2^2\})$	115957039104
12	$\mathcal{O}(2; \{12^{10}, 6^6\})$	231935311872
12	$\mathcal{O}(2; \{12^{11}, 4, 3^2, 2^4\})$	115935805440
12	$\mathcal{O}(2; \{12^{11}, 4, 3^5\})$	927741247488
12	$\mathcal{O}(2; \{12^{11}, 4^3, 3^2, 2\})$	463743221760
12	$\mathcal{O}(2; \{12^{11}, 6, 4, 2^5\})$	58010370048
12	$\mathcal{O}(2; \{12^{11}, 6, 4, 3^3, 2\})$	463828156416
12	$\mathcal{O}(2; \{12^{11}, 6, 4^3, 2^2\})$	232041480192
12	$\mathcal{O}(2; \{12^{11}, 6^2, 4, 3, 2^2\})$	231956545536
12	$\mathcal{O}(2; \{12^{11}, 6^4, 4\})$	463828156416
12	$\mathcal{O}(2; \{12^{12}, 3, 2^5\})$	115935805440
12	$\mathcal{O}(2; \{12^{12}, 3^4, 2\})$	927741247488
12	$\mathcal{O}(2; \{12^{12}, 4^2, 3, 2^2\})$	463743221760
12	$\mathcal{O}(2; \{12^{12}, 6, 3^2, 2^2\})$	463828156416
12	$\mathcal{O}(2; \{12^{12}, 6^2, 2^3\})$	231956545536
12	$\mathcal{O}(2; \{12^{12}, 6^2, 4^2\})$	927826182144
12	$\mathcal{O}(2; \{12^{12}, 6^3, 3\})$	927741247488
12	$\mathcal{O}(2; \{12^{13}, 4, 2^3\})$	463743221760
12	$\mathcal{O}(2; \{12^{13}, 4^3\})$	1854972887040
12	$\mathcal{O}(2; \{12^{13}, 6, 4, 3\})$	1855312625664
12	$\mathcal{O}(2; \{12^{14}, 3^2\})$	3710964989952
12	$\mathcal{O}(2; \{12^{14}, 6, 2\})$	1855312625664
12	$\mathcal{O}(1; \{4^2, 3^4, 2^{24}\})$	1728
12	$\mathcal{O}(1; \{4^2, 3^7, 2^{20}\})$	12096
12	$\mathcal{O}(1; \{4^2, 3^{10}, 2^{16}\})$	98496
12	$\mathcal{O}(1; \{4^2, 3^{13}, 2^{12}\})$	786240
12	$\mathcal{O}(1; \{4^2, 3^{16}, 2^8\})$	6291648
12	$\mathcal{O}(1; \{4^2, 3^{19}, 2^4\})$	50331456
12	$\mathcal{O}(1; \{4^2, 3^{22}\})$	402653376
12	$\mathcal{O}(1; \{4^4, 3^4, 2^{21}\})$	6912
12	$\mathcal{O}(1; \{4^4, 3^7, 2^{17}\})$	48384
12	$\mathcal{O}(1; \{4^4, 3^{10}, 2^{13}\})$	393984
12	$\mathcal{O}(1; \{4^4, 3^{13}, 2^9\})$	3144960
12	$\mathcal{O}(1; \{4^4, 3^{16}, 2^5\})$	25166592
12	$\mathcal{O}(1; \{4^4, 3^{19}, 2\})$	201325824

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{4^6, 3^4, 2^{18}\})$	27648
12	$\mathcal{O}(1; \{4^6, 3^7, 2^{14}\})$	193536
12	$\mathcal{O}(1; \{4^6, 3^{10}, 2^{10}\})$	1575936
12	$\mathcal{O}(1; \{4^6, 3^{13}, 2^6\})$	12579840
12	$\mathcal{O}(1; \{4^6, 3^{16}, 2^2\})$	100666368
12	$\mathcal{O}(1; \{4^8, 3^4, 2^{15}\})$	110592
12	$\mathcal{O}(1; \{4^8, 3^7, 2^{11}\})$	774144
12	$\mathcal{O}(1; \{4^8, 3^{10}, 2^7\})$	6303744
12	$\mathcal{O}(1; \{4^8, 3^{13}, 2^3\})$	50319360
12	$\mathcal{O}(1; \{4^{10}, 3^4, 2^{12}\})$	442368
12	$\mathcal{O}(1; \{4^{10}, 3^7, 2^8\})$	3096576
12	$\mathcal{O}(1; \{4^{10}, 3^{10}, 2^4\})$	25214976
12	$\mathcal{O}(1; \{4^{10}, 3^{13}\})$	201277440
12	$\mathcal{O}(1; \{4^{12}, 3^4, 2^9\})$	1769472
12	$\mathcal{O}(1; \{4^{12}, 3^7, 2^5\})$	12386304
12	$\mathcal{O}(1; \{4^{12}, 3^{10}, 2\})$	100859904
12	$\mathcal{O}(1; \{4^{14}, 3^4, 2^6\})$	7077888
12	$\mathcal{O}(1; \{4^{14}, 3^7, 2^2\})$	49545216
12	$\mathcal{O}(1; \{4^{16}, 3^4, 2^3\})$	28311552
12	$\mathcal{O}(1; \{4^{18}, 3^4\})$	113246208
12	$\mathcal{O}(1; \{6, 4^2, 3^2, 2^{25}\})$	576
12	$\mathcal{O}(1; \{6, 4^2, 3^5, 2^{21}\})$	6336
12	$\mathcal{O}(1; \{6, 4^2, 3^8, 2^{17}\})$	48960
12	$\mathcal{O}(1; \{6, 4^2, 3^{11}, 2^{13}\})$	393408
12	$\mathcal{O}(1; \{6, 4^2, 3^{14}, 2^9\})$	3145536
12	$\mathcal{O}(1; \{6, 4^2, 3^{17}, 2^5\})$	25166016
12	$\mathcal{O}(1; \{6, 4^2, 3^{20}, 2\})$	201326400
12	$\mathcal{O}(1; \{6, 4^4, 3^2, 2^{22}\})$	2304
12	$\mathcal{O}(1; \{6, 4^4, 3^5, 2^{18}\})$	25344
12	$\mathcal{O}(1; \{6, 4^4, 3^8, 2^{14}\})$	195840
12	$\mathcal{O}(1; \{6, 4^4, 3^{11}, 2^{10}\})$	1573632
12	$\mathcal{O}(1; \{6, 4^4, 3^{14}, 2^6\})$	12582144
12	$\mathcal{O}(1; \{6, 4^4, 3^{17}, 2^2\})$	100664064
12	$\mathcal{O}(1; \{6, 4^6, 3^2, 2^{19}\})$	9216
12	$\mathcal{O}(1; \{6, 4^6, 3^5, 2^{15}\})$	101376
12	$\mathcal{O}(1; \{6, 4^6, 3^8, 2^{11}\})$	783360
12	$\mathcal{O}(1; \{6, 4^6, 3^{11}, 2^7\})$	6294528
12	$\mathcal{O}(1; \{6, 4^6, 3^{14}, 2^3\})$	50328576
12	$\mathcal{O}(1; \{6, 4^8, 3^2, 2^{16}\})$	36864
12	$\mathcal{O}(1; \{6, 4^8, 3^5, 2^{12}\})$	405504
12	$\mathcal{O}(1; \{6, 4^8, 3^8, 2^8\})$	3133440
12	$\mathcal{O}(1; \{6, 4^8, 3^{11}, 2^4\})$	25178112
12	$\mathcal{O}(1; \{6, 4^8, 3^{14}\})$	201314304

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6, 4^{10}, 3^2, 2^{13}\})$	147456
12	$\mathcal{O}(1; \{6, 4^{10}, 3^5, 2^9\})$	1622016
12	$\mathcal{O}(1; \{6, 4^{10}, 3^8, 2^5\})$	12533760
12	$\mathcal{O}(1; \{6, 4^{10}, 3^{11}, 2\})$	100712448
12	$\mathcal{O}(1; \{6, 4^{12}, 3^2, 2^{10}\})$	589824
12	$\mathcal{O}(1; \{6, 4^{12}, 3^5, 2^6\})$	6488064
12	$\mathcal{O}(1; \{6, 4^{12}, 3^8, 2^2\})$	50135040
12	$\mathcal{O}(1; \{6, 4^{14}, 3^2, 2^7\})$	2359296
12	$\mathcal{O}(1; \{6, 4^{14}, 3^5, 2^3\})$	25952256
12	$\mathcal{O}(1; \{6, 4^{16}, 3^2, 2^4\})$	9437184
12	$\mathcal{O}(1; \{6, 4^{16}, 3^5\})$	103809024
12	$\mathcal{O}(1; \{6, 4^{18}, 3^2, 2\})$	37748736
12	$\mathcal{O}(1; \{6^2, 4^2, 2^{26}\})$	576
12	$\mathcal{O}(1; \{6^2, 4^2, 3^3, 2^{22}\})$	2880
12	$\mathcal{O}(1; \{6^2, 4^2, 3^6, 2^{18}\})$	24768
12	$\mathcal{O}(1; \{6^2, 4^2, 3^9, 2^{14}\})$	196416
12	$\mathcal{O}(1; \{6^2, 4^2, 3^{12}, 2^{10}\})$	1573056
12	$\mathcal{O}(1; \{6^2, 4^2, 3^{15}, 2^6\})$	12582720
12	$\mathcal{O}(1; \{6^2, 4^2, 3^{18}, 2^2\})$	100663488
12	$\mathcal{O}(1; \{6^2, 4^4, 2^{23}\})$	2304
12	$\mathcal{O}(1; \{6^2, 4^4, 3^3, 2^{19}\})$	11520
12	$\mathcal{O}(1; \{6^2, 4^4, 3^6, 2^{15}\})$	99072
12	$\mathcal{O}(1; \{6^2, 4^4, 3^9, 2^{11}\})$	785664
12	$\mathcal{O}(1; \{6^2, 4^4, 3^{12}, 2^7\})$	6292224
12	$\mathcal{O}(1; \{6^2, 4^4, 3^{15}, 2^3\})$	50330880
12	$\mathcal{O}(1; \{6^2, 4^6, 2^{20}\})$	9216
12	$\mathcal{O}(1; \{6^2, 4^6, 3^3, 2^{16}\})$	46080
12	$\mathcal{O}(1; \{6^2, 4^6, 3^6, 2^{12}\})$	396288
12	$\mathcal{O}(1; \{6^2, 4^6, 3^9, 2^8\})$	3142656
12	$\mathcal{O}(1; \{6^2, 4^6, 3^{12}, 2^4\})$	25168896
12	$\mathcal{O}(1; \{6^2, 4^6, 3^{15}\})$	201323520
12	$\mathcal{O}(1; \{6^2, 4^8, 2^{17}\})$	36864
12	$\mathcal{O}(1; \{6^2, 4^8, 3^3, 2^{13}\})$	184320
12	$\mathcal{O}(1; \{6^2, 4^8, 3^6, 2^9\})$	1585152
12	$\mathcal{O}(1; \{6^2, 4^8, 3^9, 2^5\})$	12570624
12	$\mathcal{O}(1; \{6^2, 4^8, 3^{12}, 2\})$	100675584
12	$\mathcal{O}(1; \{6^2, 4^{10}, 2^{14}\})$	147456
12	$\mathcal{O}(1; \{6^2, 4^{10}, 3^3, 2^{10}\})$	737280
12	$\mathcal{O}(1; \{6^2, 4^{10}, 3^6, 2^6\})$	6340608
12	$\mathcal{O}(1; \{6^2, 4^{10}, 3^9, 2^2\})$	50282496
12	$\mathcal{O}(1; \{6^2, 4^{12}, 2^{11}\})$	589824
12	$\mathcal{O}(1; \{6^2, 4^{12}, 3^3, 2^7\})$	2949120
12	$\mathcal{O}(1; \{6^2, 4^{12}, 3^6, 2^3\})$	25362432

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^2, 4^{14}, 2^8\})$	2359296
12	$\mathcal{O}(1; \{6^2, 4^{14}, 3^3, 2^4\})$	11796480
12	$\mathcal{O}(1; \{6^2, 4^{14}, 3^6\})$	101449728
12	$\mathcal{O}(1; \{6^2, 4^{16}, 2^5\})$	9437184
12	$\mathcal{O}(1; \{6^2, 4^{16}, 3^3, 2\})$	47185920
12	$\mathcal{O}(1; \{6^2, 4^{18}, 2^2\})$	37748736
12	$\mathcal{O}(1; \{6^3, 4^2, 3, 2^{23}\})$	1728
12	$\mathcal{O}(1; \{6^3, 4^2, 3^4, 2^{19}\})$	12096
12	$\mathcal{O}(1; \{6^3, 4^2, 3^7, 2^{15}\})$	98496
12	$\mathcal{O}(1; \{6^3, 4^2, 3^{10}, 2^{11}\})$	786240
12	$\mathcal{O}(1; \{6^3, 4^2, 3^{13}, 2^7\})$	6291648
12	$\mathcal{O}(1; \{6^3, 4^2, 3^{16}, 2^3\})$	50331456
12	$\mathcal{O}(1; \{6^3, 4^4, 3, 2^{20}\})$	6912
12	$\mathcal{O}(1; \{6^3, 4^4, 3^4, 2^{16}\})$	48384
12	$\mathcal{O}(1; \{6^3, 4^4, 3^7, 2^{12}\})$	393984
12	$\mathcal{O}(1; \{6^3, 4^4, 3^{10}, 2^8\})$	3144960
12	$\mathcal{O}(1; \{6^3, 4^4, 3^{13}, 2^4\})$	25166592
12	$\mathcal{O}(1; \{6^3, 4^4, 3^{16}\})$	201325824
12	$\mathcal{O}(1; \{6^3, 4^6, 3, 2^{17}\})$	27648
12	$\mathcal{O}(1; \{6^3, 4^6, 3^4, 2^{13}\})$	193536
12	$\mathcal{O}(1; \{6^3, 4^6, 3^7, 2^9\})$	1575936
12	$\mathcal{O}(1; \{6^3, 4^6, 3^{10}, 2^5\})$	12579840
12	$\mathcal{O}(1; \{6^3, 4^6, 3^{13}, 2\})$	100666368
12	$\mathcal{O}(1; \{6^3, 4^8, 3, 2^{14}\})$	110592
12	$\mathcal{O}(1; \{6^3, 4^8, 3^4, 2^{10}\})$	774144
12	$\mathcal{O}(1; \{6^3, 4^8, 3^7, 2^6\})$	6303744
12	$\mathcal{O}(1; \{6^3, 4^8, 3^{10}, 2^2\})$	50319360
12	$\mathcal{O}(1; \{6^3, 4^{10}, 3, 2^{11}\})$	442368
12	$\mathcal{O}(1; \{6^3, 4^{10}, 3^4, 2^7\})$	3096576
12	$\mathcal{O}(1; \{6^3, 4^{10}, 3^7, 2^3\})$	25214976
12	$\mathcal{O}(1; \{6^3, 4^{12}, 3, 2^8\})$	1769472
12	$\mathcal{O}(1; \{6^3, 4^{12}, 3^4, 2^4\})$	12386304
12	$\mathcal{O}(1; \{6^3, 4^{12}, 3^7\})$	100859904
12	$\mathcal{O}(1; \{6^3, 4^{14}, 3, 2^5\})$	7077888
12	$\mathcal{O}(1; \{6^3, 4^{14}, 3^4, 2\})$	49545216
12	$\mathcal{O}(1; \{6^3, 4^{16}, 3, 2^2\})$	28311552
12	$\mathcal{O}(1; \{6^4, 4^2, 3^2, 2^{20}\})$	6336
12	$\mathcal{O}(1; \{6^4, 4^2, 3^5, 2^{16}\})$	48960
12	$\mathcal{O}(1; \{6^4, 4^2, 3^8, 2^{12}\})$	393408
12	$\mathcal{O}(1; \{6^4, 4^2, 3^{11}, 2^8\})$	3145536
12	$\mathcal{O}(1; \{6^4, 4^2, 3^{14}, 2^4\})$	25166016
12	$\mathcal{O}(1; \{6^4, 4^2, 3^{17}\})$	201326400
12	$\mathcal{O}(1; \{6^4, 4^4, 3^2, 2^{17}\})$	25344

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^4, 4^4, 3^5, 2^{13}\})$	195840
12	$\mathcal{O}(1; \{6^4, 4^4, 3^8, 2^9\})$	1573632
12	$\mathcal{O}(1; \{6^4, 4^4, 3^{11}, 2^5\})$	12582144
12	$\mathcal{O}(1; \{6^4, 4^4, 3^{14}, 2\})$	100664064
12	$\mathcal{O}(1; \{6^4, 4^6, 3^2, 2^{14}\})$	101376
12	$\mathcal{O}(1; \{6^4, 4^6, 3^5, 2^{10}\})$	783360
12	$\mathcal{O}(1; \{6^4, 4^6, 3^8, 2^6\})$	6294528
12	$\mathcal{O}(1; \{6^4, 4^6, 3^{11}, 2^2\})$	50328576
12	$\mathcal{O}(1; \{6^4, 4^8, 3^2, 2^{11}\})$	405504
12	$\mathcal{O}(1; \{6^4, 4^8, 3^5, 2^7\})$	3133440
12	$\mathcal{O}(1; \{6^4, 4^8, 3^8, 2^3\})$	25178112
12	$\mathcal{O}(1; \{6^4, 4^{10}, 3^2, 2^8\})$	1622016
12	$\mathcal{O}(1; \{6^4, 4^{10}, 3^5, 2^4\})$	12533760
12	$\mathcal{O}(1; \{6^4, 4^{10}, 3^8\})$	100712448
12	$\mathcal{O}(1; \{6^4, 4^{12}, 3^2, 2^5\})$	6488064
12	$\mathcal{O}(1; \{6^4, 4^{12}, 3^5, 2\})$	50135040
12	$\mathcal{O}(1; \{6^4, 4^{14}, 3^2, 2^2\})$	25952256
12	$\mathcal{O}(1; \{6^5, 4^2, 2^{21}\})$	2880
12	$\mathcal{O}(1; \{6^5, 4^2, 3^3, 2^{17}\})$	24768
12	$\mathcal{O}(1; \{6^5, 4^2, 3^6, 2^{13}\})$	196416
12	$\mathcal{O}(1; \{6^5, 4^2, 3^9, 2^9\})$	1573056
12	$\mathcal{O}(1; \{6^5, 4^2, 3^{12}, 2^5\})$	12582720
12	$\mathcal{O}(1; \{6^5, 4^2, 3^{15}, 2\})$	100663488
12	$\mathcal{O}(1; \{6^5, 4^4, 2^{18}\})$	11520
12	$\mathcal{O}(1; \{6^5, 4^4, 3^3, 2^{14}\})$	99072
12	$\mathcal{O}(1; \{6^5, 4^4, 3^6, 2^{10}\})$	785664
12	$\mathcal{O}(1; \{6^5, 4^4, 3^9, 2^6\})$	6292224
12	$\mathcal{O}(1; \{6^5, 4^4, 3^{12}, 2^2\})$	50330880
12	$\mathcal{O}(1; \{6^5, 4^6, 2^{15}\})$	46080
12	$\mathcal{O}(1; \{6^5, 4^6, 3^3, 2^{11}\})$	396288
12	$\mathcal{O}(1; \{6^5, 4^6, 3^6, 2^7\})$	3142656
12	$\mathcal{O}(1; \{6^5, 4^6, 3^9, 2^3\})$	25168896
12	$\mathcal{O}(1; \{6^5, 4^8, 2^{12}\})$	184320
12	$\mathcal{O}(1; \{6^5, 4^8, 3^3, 2^8\})$	1585152
12	$\mathcal{O}(1; \{6^5, 4^8, 3^6, 2^4\})$	12570624
12	$\mathcal{O}(1; \{6^5, 4^8, 3^9\})$	100675584
12	$\mathcal{O}(1; \{6^5, 4^{10}, 2^9\})$	737280
12	$\mathcal{O}(1; \{6^5, 4^{10}, 3^3, 2^5\})$	6340608
12	$\mathcal{O}(1; \{6^5, 4^{10}, 3^6, 2\})$	50282496
12	$\mathcal{O}(1; \{6^5, 4^{12}, 2^6\})$	2949120
12	$\mathcal{O}(1; \{6^5, 4^{12}, 3^3, 2^2\})$	25362432
12	$\mathcal{O}(1; \{6^5, 4^{14}, 2^3\})$	11796480
12	$\mathcal{O}(1; \{6^5, 4^{16}\})$	47185920

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^6, 4^2, 3, 2^{18}\})$	12096
12	$\mathcal{O}(1; \{6^6, 4^2, 3^4, 2^{14}\})$	98496
12	$\mathcal{O}(1; \{6^6, 4^2, 3^7, 2^{10}\})$	786240
12	$\mathcal{O}(1; \{6^6, 4^2, 3^{10}, 2^6\})$	6291648
12	$\mathcal{O}(1; \{6^6, 4^2, 3^{13}, 2^2\})$	50331456
12	$\mathcal{O}(1; \{6^6, 4^4, 3, 2^{15}\})$	48384
12	$\mathcal{O}(1; \{6^6, 4^4, 3^4, 2^{11}\})$	393984
12	$\mathcal{O}(1; \{6^6, 4^4, 3^7, 2^7\})$	3144960
12	$\mathcal{O}(1; \{6^6, 4^4, 3^{10}, 2^3\})$	25166592
12	$\mathcal{O}(1; \{6^6, 4^6, 3, 2^{12}\})$	193536
12	$\mathcal{O}(1; \{6^6, 4^6, 3^4, 2^8\})$	1575936
12	$\mathcal{O}(1; \{6^6, 4^6, 3^7, 2^4\})$	12579840
12	$\mathcal{O}(1; \{6^6, 4^6, 3^{10}\})$	100666368
12	$\mathcal{O}(1; \{6^6, 4^8, 3, 2^9\})$	774144
12	$\mathcal{O}(1; \{6^6, 4^8, 3^4, 2^5\})$	6303744
12	$\mathcal{O}(1; \{6^6, 4^8, 3^7, 2\})$	50319360
12	$\mathcal{O}(1; \{6^6, 4^{10}, 3, 2^6\})$	3096576
12	$\mathcal{O}(1; \{6^6, 4^{10}, 3^4, 2^2\})$	25214976
12	$\mathcal{O}(1; \{6^6, 4^{12}, 3, 2^3\})$	12386304
12	$\mathcal{O}(1; \{6^6, 4^{14}, 3\})$	49545216
12	$\mathcal{O}(1; \{6^7, 4^2, 3^2, 2^{15}\})$	48960
12	$\mathcal{O}(1; \{6^7, 4^2, 3^5, 2^{11}\})$	393408
12	$\mathcal{O}(1; \{6^7, 4^2, 3^8, 2^7\})$	3145536
12	$\mathcal{O}(1; \{6^7, 4^2, 3^{11}, 2^3\})$	25166016
12	$\mathcal{O}(1; \{6^7, 4^4, 3^2, 2^{12}\})$	195840
12	$\mathcal{O}(1; \{6^7, 4^4, 3^5, 2^8\})$	1573632
12	$\mathcal{O}(1; \{6^7, 4^4, 3^8, 2^4\})$	12582144
12	$\mathcal{O}(1; \{6^7, 4^4, 3^{11}\})$	100664064
12	$\mathcal{O}(1; \{6^7, 4^6, 3^2, 2^9\})$	783360
12	$\mathcal{O}(1; \{6^7, 4^6, 3^5, 2^5\})$	6294528
12	$\mathcal{O}(1; \{6^7, 4^6, 3^8, 2\})$	50328576
12	$\mathcal{O}(1; \{6^7, 4^8, 3^2, 2^6\})$	3133440
12	$\mathcal{O}(1; \{6^7, 4^8, 3^5, 2^2\})$	25178112
12	$\mathcal{O}(1; \{6^7, 4^{10}, 3^2, 2^3\})$	12533760
12	$\mathcal{O}(1; \{6^7, 4^{12}, 3^2\})$	50135040
12	$\mathcal{O}(1; \{6^8, 4^2, 2^{16}\})$	24768
12	$\mathcal{O}(1; \{6^8, 4^2, 3^3, 2^{12}\})$	196416
12	$\mathcal{O}(1; \{6^8, 4^2, 3^6, 2^8\})$	1573056
12	$\mathcal{O}(1; \{6^8, 4^2, 3^9, 2^4\})$	12582720
12	$\mathcal{O}(1; \{6^8, 4^2, 3^{12}\})$	100663488
12	$\mathcal{O}(1; \{6^8, 4^4, 2^{13}\})$	99072
12	$\mathcal{O}(1; \{6^8, 4^4, 3^3, 2^9\})$	785664
12	$\mathcal{O}(1; \{6^8, 4^4, 3^6, 2^5\})$	6292224

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^8, 4^4, 3^9, 2\})$	50330880
12	$\mathcal{O}(1; \{6^8, 4^6, 2^{10}\})$	396288
12	$\mathcal{O}(1; \{6^8, 4^6, 3^3, 2^6\})$	3142656
12	$\mathcal{O}(1; \{6^8, 4^6, 3^6, 2^2\})$	25168896
12	$\mathcal{O}(1; \{6^8, 4^8, 2^7\})$	1585152
12	$\mathcal{O}(1; \{6^8, 4^8, 3^3, 2^3\})$	12570624
12	$\mathcal{O}(1; \{6^8, 4^{10}, 2^4\})$	6340608
12	$\mathcal{O}(1; \{6^8, 4^{10}, 3^3\})$	50282496
12	$\mathcal{O}(1; \{6^8, 4^{12}, 2\})$	25362432
12	$\mathcal{O}(1; \{6^9, 4^2, 3, 2^{13}\})$	98496
12	$\mathcal{O}(1; \{6^9, 4^2, 3^4, 2^9\})$	786240
12	$\mathcal{O}(1; \{6^9, 4^2, 3^7, 2^5\})$	6291648
12	$\mathcal{O}(1; \{6^9, 4^2, 3^{10}, 2\})$	50331456
12	$\mathcal{O}(1; \{6^9, 4^4, 3, 2^{10}\})$	393984
12	$\mathcal{O}(1; \{6^9, 4^4, 3^4, 2^6\})$	3144960
12	$\mathcal{O}(1; \{6^9, 4^4, 3^7, 2^2\})$	25166592
12	$\mathcal{O}(1; \{6^9, 4^6, 3, 2^7\})$	1575936
12	$\mathcal{O}(1; \{6^9, 4^6, 3^4, 2^3\})$	12579840
12	$\mathcal{O}(1; \{6^9, 4^8, 3, 2^4\})$	6303744
12	$\mathcal{O}(1; \{6^9, 4^8, 3^4\})$	50319360
12	$\mathcal{O}(1; \{6^9, 4^{10}, 3, 2\})$	25214976
12	$\mathcal{O}(1; \{6^{10}, 4^2, 3^2, 2^{10}\})$	393408
12	$\mathcal{O}(1; \{6^{10}, 4^2, 3^5, 2^6\})$	3145536
12	$\mathcal{O}(1; \{6^{10}, 4^2, 3^8, 2^2\})$	25166016
12	$\mathcal{O}(1; \{6^{10}, 4^4, 3^2, 2^7\})$	1573632
12	$\mathcal{O}(1; \{6^{10}, 4^4, 3^5, 2^3\})$	12582144
12	$\mathcal{O}(1; \{6^{10}, 4^6, 3^2, 2^4\})$	6294528
12	$\mathcal{O}(1; \{6^{10}, 4^6, 3^5\})$	50328576
12	$\mathcal{O}(1; \{6^{10}, 4^8, 3^2, 2\})$	25178112
12	$\mathcal{O}(1; \{6^{11}, 4^2, 2^{11}\})$	196416
12	$\mathcal{O}(1; \{6^{11}, 4^2, 3^3, 2^7\})$	1573056
12	$\mathcal{O}(1; \{6^{11}, 4^2, 3^6, 2^3\})$	12582720
12	$\mathcal{O}(1; \{6^{11}, 4^4, 2^8\})$	785664
12	$\mathcal{O}(1; \{6^{11}, 4^4, 3^3, 2^4\})$	6292224
12	$\mathcal{O}(1; \{6^{11}, 4^4, 3^6\})$	50330880
12	$\mathcal{O}(1; \{6^{11}, 4^6, 2^5\})$	3142656
12	$\mathcal{O}(1; \{6^{11}, 4^6, 3^3, 2\})$	25168896
12	$\mathcal{O}(1; \{6^{11}, 4^8, 2^2\})$	12570624
12	$\mathcal{O}(1; \{6^{12}, 4^2, 3, 2^8\})$	786240
12	$\mathcal{O}(1; \{6^{12}, 4^2, 3^4, 2^4\})$	6291648
12	$\mathcal{O}(1; \{6^{12}, 4^2, 3^7\})$	50331456
12	$\mathcal{O}(1; \{6^{12}, 4^4, 3, 2^5\})$	3144960
12	$\mathcal{O}(1; \{6^{12}, 4^4, 3^4, 2\})$	25166592

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^{12}, 4^6, 3, 2^2\})$	12579840
12	$\mathcal{O}(1; \{6^{13}, 4^2, 3^2, 2^5\})$	3145536
12	$\mathcal{O}(1; \{6^{13}, 4^2, 3^5, 2\})$	25166016
12	$\mathcal{O}(1; \{6^{13}, 4^4, 3^2, 2^2\})$	12582144
12	$\mathcal{O}(1; \{6^{14}, 4^2, 2^6\})$	1573056
12	$\mathcal{O}(1; \{6^{14}, 4^2, 3^3, 2^2\})$	12582720
12	$\mathcal{O}(1; \{6^{14}, 4^4, 2^3\})$	6292224
12	$\mathcal{O}(1; \{6^{14}, 4^6\})$	25168896
12	$\mathcal{O}(1; \{6^{15}, 4^2, 3, 2^3\})$	6291648
12	$\mathcal{O}(1; \{6^{15}, 4^4, 3\})$	25166592
12	$\mathcal{O}(1; \{6^{16}, 4^2, 3^2\})$	25166016
12	$\mathcal{O}(1; \{6^{17}, 4^2, 2\})$	12582720
12	$\mathcal{O}(1; \{12, 4, 3^3, 2^{25}\})$	1728
12	$\mathcal{O}(1; \{12, 4, 3^6, 2^{21}\})$	12096
12	$\mathcal{O}(1; \{12, 4, 3^9, 2^{17}\})$	98496
12	$\mathcal{O}(1; \{12, 4, 3^{12}, 2^{13}\})$	786240
12	$\mathcal{O}(1; \{12, 4, 3^{15}, 2^9\})$	6291648
12	$\mathcal{O}(1; \{12, 4, 3^{18}, 2^5\})$	50331456
12	$\mathcal{O}(1; \{12, 4, 3^{21}, 2\})$	402653376
12	$\mathcal{O}(1; \{12, 4^3, 3^3, 2^{22}\})$	6912
12	$\mathcal{O}(1; \{12, 4^3, 3^6, 2^{18}\})$	48384
12	$\mathcal{O}(1; \{12, 4^3, 3^9, 2^{14}\})$	393984
12	$\mathcal{O}(1; \{12, 4^3, 3^{12}, 2^{10}\})$	3144960
12	$\mathcal{O}(1; \{12, 4^3, 3^{15}, 2^6\})$	25166592
12	$\mathcal{O}(1; \{12, 4^3, 3^{18}, 2^2\})$	201325824
12	$\mathcal{O}(1; \{12, 4^5, 3^3, 2^{19}\})$	27648
12	$\mathcal{O}(1; \{12, 4^5, 3^6, 2^{15}\})$	193536
12	$\mathcal{O}(1; \{12, 4^5, 3^9, 2^{11}\})$	1575936
12	$\mathcal{O}(1; \{12, 4^5, 3^{12}, 2^7\})$	12579840
12	$\mathcal{O}(1; \{12, 4^5, 3^{15}, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12, 4^7, 3^3, 2^{16}\})$	110592
12	$\mathcal{O}(1; \{12, 4^7, 3^6, 2^{12}\})$	774144
12	$\mathcal{O}(1; \{12, 4^7, 3^9, 2^8\})$	6303744
12	$\mathcal{O}(1; \{12, 4^7, 3^{12}, 2^4\})$	50319360
12	$\mathcal{O}(1; \{12, 4^7, 3^{15}\})$	402665472
12	$\mathcal{O}(1; \{12, 4^9, 3^3, 2^{13}\})$	442368
12	$\mathcal{O}(1; \{12, 4^9, 3^6, 2^9\})$	3096576
12	$\mathcal{O}(1; \{12, 4^9, 3^9, 2^5\})$	25214976
12	$\mathcal{O}(1; \{12, 4^9, 3^{12}, 2\})$	201277440
12	$\mathcal{O}(1; \{12, 4^{11}, 3^3, 2^{10}\})$	1769472
12	$\mathcal{O}(1; \{12, 4^{11}, 3^6, 2^6\})$	12386304
12	$\mathcal{O}(1; \{12, 4^{11}, 3^9, 2^2\})$	100859904
12	$\mathcal{O}(1; \{12, 4^{13}, 3^3, 2^7\})$	7077888

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 4^{13}, 3^6, 2^3\})$	49545216
12	$\mathcal{O}(1; \{12, 4^{15}, 3^3, 2^4\})$	28311552
12	$\mathcal{O}(1; \{12, 4^{15}, 3^6\})$	198180864
12	$\mathcal{O}(1; \{12, 4^{17}, 3^3, 2\})$	113246208
12	$\mathcal{O}(1; \{12, 6, 4, 3, 2^{26}\})$	576
12	$\mathcal{O}(1; \{12, 6, 4, 3^4, 2^{22}\})$	6336
12	$\mathcal{O}(1; \{12, 6, 4, 3^7, 2^{18}\})$	48960
12	$\mathcal{O}(1; \{12, 6, 4, 3^{10}, 2^{14}\})$	393408
12	$\mathcal{O}(1; \{12, 6, 4, 3^{13}, 2^{10}\})$	3145536
12	$\mathcal{O}(1; \{12, 6, 4, 3^{16}, 2^6\})$	25166016
12	$\mathcal{O}(1; \{12, 6, 4, 3^{19}, 2^2\})$	201326400
12	$\mathcal{O}(1; \{12, 6, 4^3, 3, 2^{23}\})$	2304
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^4, 2^{19}\})$	25344
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^7, 2^{15}\})$	195840
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^{10}, 2^{11}\})$	1573632
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^{13}, 2^7\})$	12582144
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^{16}, 2^3\})$	100664064
12	$\mathcal{O}(1; \{12, 6, 4^5, 3, 2^{20}\})$	9216
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^4, 2^{16}\})$	101376
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^7, 2^{12}\})$	783360
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^{10}, 2^8\})$	6294528
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^{13}, 2^4\})$	50328576
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^{16}\})$	402656256
12	$\mathcal{O}(1; \{12, 6, 4^7, 3, 2^{17}\})$	36864
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^4, 2^{13}\})$	405504
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^7, 2^9\})$	3133440
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^{10}, 2^5\})$	25178112
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^{13}, 2\})$	201314304
12	$\mathcal{O}(1; \{12, 6, 4^9, 3, 2^{14}\})$	147456
12	$\mathcal{O}(1; \{12, 6, 4^9, 3^4, 2^{10}\})$	1622016
12	$\mathcal{O}(1; \{12, 6, 4^9, 3^7, 2^6\})$	12533760
12	$\mathcal{O}(1; \{12, 6, 4^9, 3^{10}, 2^2\})$	100712448
12	$\mathcal{O}(1; \{12, 6, 4^{11}, 3, 2^{11}\})$	589824
12	$\mathcal{O}(1; \{12, 6, 4^{11}, 3^4, 2^7\})$	6488064
12	$\mathcal{O}(1; \{12, 6, 4^{11}, 3^7, 2^3\})$	50135040
12	$\mathcal{O}(1; \{12, 6, 4^{13}, 3, 2^8\})$	2359296
12	$\mathcal{O}(1; \{12, 6, 4^{13}, 3^4, 2^4\})$	25952256
12	$\mathcal{O}(1; \{12, 6, 4^{13}, 3^7\})$	200540160
12	$\mathcal{O}(1; \{12, 6, 4^{15}, 3, 2^5\})$	9437184
12	$\mathcal{O}(1; \{12, 6, 4^{15}, 3^4, 2\})$	103809024
12	$\mathcal{O}(1; \{12, 6, 4^{17}, 3, 2^2\})$	37748736
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^2, 2^{23}\})$	2880
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^5, 2^{19}\})$	24768

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^8, 2^{15}\})$	196416
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^{11}, 2^{11}\})$	1573056
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^{14}, 2^7\})$	12582720
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^{17}, 2^3\})$	100663488
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^2, 2^{20}\})$	11520
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^5, 2^{16}\})$	99072
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^8, 2^{12}\})$	785664
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^{11}, 2^8\})$	6292224
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^{14}, 2^4\})$	50330880
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^{17}\})$	402653952
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^2, 2^{17}\})$	46080
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^5, 2^{13}\})$	396288
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^8, 2^9\})$	3142656
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^{11}, 2^5\})$	25168896
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^{14}, 2\})$	201323520
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^2, 2^{14}\})$	184320
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^5, 2^{10}\})$	1585152
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^8, 2^6\})$	12570624
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^{11}, 2^2\})$	100675584
12	$\mathcal{O}(1; \{12, 6^2, 4^9, 3^2, 2^{11}\})$	737280
12	$\mathcal{O}(1; \{12, 6^2, 4^9, 3^5, 2^7\})$	6340608
12	$\mathcal{O}(1; \{12, 6^2, 4^9, 3^8, 2^3\})$	50282496
12	$\mathcal{O}(1; \{12, 6^2, 4^{11}, 3^2, 2^8\})$	2949120
12	$\mathcal{O}(1; \{12, 6^2, 4^{11}, 3^5, 2^4\})$	25362432
12	$\mathcal{O}(1; \{12, 6^2, 4^{11}, 3^8\})$	201129984
12	$\mathcal{O}(1; \{12, 6^2, 4^{13}, 3^2, 2^5\})$	11796480
12	$\mathcal{O}(1; \{12, 6^2, 4^{13}, 3^5, 2\})$	101449728
12	$\mathcal{O}(1; \{12, 6^2, 4^{15}, 3^2, 2^2\})$	47185920
12	$\mathcal{O}(1; \{12, 6^3, 4, 2^{24}\})$	1728
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^3, 2^{20}\})$	12096
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^6, 2^{16}\})$	98496
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^9, 2^{12}\})$	786240
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^{12}, 2^8\})$	6291648
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^{15}, 2^4\})$	50331456
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^{18}\})$	402653376
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 2^{21}\})$	6912
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^3, 2^{17}\})$	48384
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^6, 2^{13}\})$	393984
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^9, 2^9\})$	3144960
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^{12}, 2^5\})$	25166592
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^{15}, 2\})$	201325824
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 2^{18}\})$	27648
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^3, 2^{14}\})$	193536

Continued on next page

Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^6, 2^{10}\})$	1575936
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^9, 2^6\})$	12579840
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^{12}, 2^2\})$	100666368
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 2^{15}\})$	110592
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 3^3, 2^{11}\})$	774144
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 3^6, 2^7\})$	6303744
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 3^9, 2^3\})$	50319360
12	$\mathcal{O}(1; \{12, 6^3, 4^9, 2^{12}\})$	442368
12	$\mathcal{O}(1; \{12, 6^3, 4^9, 3^3, 2^8\})$	3096576
12	$\mathcal{O}(1; \{12, 6^3, 4^9, 3^6, 2^4\})$	25214976
12	$\mathcal{O}(1; \{12, 6^3, 4^9, 3^9\})$	201277440
12	$\mathcal{O}(1; \{12, 6^3, 4^{11}, 2^9\})$	1769472
12	$\mathcal{O}(1; \{12, 6^3, 4^{11}, 3^3, 2^5\})$	12386304
12	$\mathcal{O}(1; \{12, 6^3, 4^{11}, 3^6, 2\})$	100859904
12	$\mathcal{O}(1; \{12, 6^3, 4^{13}, 2^6\})$	7077888
12	$\mathcal{O}(1; \{12, 6^3, 4^{13}, 3^3, 2^2\})$	49545216
12	$\mathcal{O}(1; \{12, 6^3, 4^{15}, 2^3\})$	28311552
12	$\mathcal{O}(1; \{12, 6^3, 4^{17}\})$	113246208
12	$\mathcal{O}(1; \{12, 6^4, 4, 3, 2^{21}\})$	6336
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^4, 2^{17}\})$	48960
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^7, 2^{13}\})$	393408
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^{10}, 2^9\})$	3145536
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^{13}, 2^5\})$	25166016
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^{16}, 2\})$	201326400
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3, 2^{18}\})$	25344
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^4, 2^{14}\})$	195840
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^7, 2^{10}\})$	1573632
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^{10}, 2^6\})$	12582144
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^{13}, 2^2\})$	100664064
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3, 2^{15}\})$	101376
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3^4, 2^{11}\})$	783360
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3^7, 2^7\})$	6294528
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3^{10}, 2^3\})$	50328576
12	$\mathcal{O}(1; \{12, 6^4, 4^7, 3, 2^{12}\})$	405504
12	$\mathcal{O}(1; \{12, 6^4, 4^7, 3^4, 2^8\})$	3133440
12	$\mathcal{O}(1; \{12, 6^4, 4^7, 3^7, 2^4\})$	25178112
12	$\mathcal{O}(1; \{12, 6^4, 4^7, 3^{10}\})$	201314304
12	$\mathcal{O}(1; \{12, 6^4, 4^9, 3, 2^9\})$	1622016
12	$\mathcal{O}(1; \{12, 6^4, 4^9, 3^4, 2^5\})$	12533760
12	$\mathcal{O}(1; \{12, 6^4, 4^9, 3^7, 2\})$	100712448
12	$\mathcal{O}(1; \{12, 6^4, 4^{11}, 3, 2^6\})$	6488064
12	$\mathcal{O}(1; \{12, 6^4, 4^{11}, 3^4, 2^2\})$	50135040
12	$\mathcal{O}(1; \{12, 6^4, 4^{13}, 3, 2^3\})$	25952256

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^4, 4^{15}, 3\})$	103809024
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^2, 2^{18}\})$	24768
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^5, 2^{14}\})$	196416
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^8, 2^{10}\})$	1573056
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^{11}, 2^6\})$	12582720
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^{14}, 2^2\})$	100663488
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^2, 2^{15}\})$	99072
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^5, 2^{11}\})$	785664
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^8, 2^7\})$	6292224
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^{11}, 2^3\})$	50330880
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 3^2, 2^{12}\})$	396288
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 3^5, 2^8\})$	3142656
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 3^8, 2^4\})$	25168896
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 3^{11}\})$	201323520
12	$\mathcal{O}(1; \{12, 6^5, 4^7, 3^2, 2^9\})$	1585152
12	$\mathcal{O}(1; \{12, 6^5, 4^7, 3^5, 2^5\})$	12570624
12	$\mathcal{O}(1; \{12, 6^5, 4^7, 3^8, 2\})$	100675584
12	$\mathcal{O}(1; \{12, 6^5, 4^9, 3^2, 2^6\})$	6340608
12	$\mathcal{O}(1; \{12, 6^5, 4^9, 3^5, 2^2\})$	50282496
12	$\mathcal{O}(1; \{12, 6^5, 4^{11}, 3^2, 2^3\})$	25362432
12	$\mathcal{O}(1; \{12, 6^5, 4^{13}, 3^2\})$	101449728
12	$\mathcal{O}(1; \{12, 6^6, 4, 2^{19}\})$	12096
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^3, 2^{15}\})$	98496
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^6, 2^{11}\})$	786240
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^9, 2^7\})$	6291648
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^{12}, 2^3\})$	50331456
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 2^{16}\})$	48384
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3^3, 2^{12}\})$	393984
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3^6, 2^8\})$	3144960
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3^9, 2^4\})$	25166592
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3^{12}\})$	201325824
12	$\mathcal{O}(1; \{12, 6^6, 4^5, 2^{13}\})$	193536
12	$\mathcal{O}(1; \{12, 6^6, 4^5, 3^3, 2^9\})$	1575936
12	$\mathcal{O}(1; \{12, 6^6, 4^5, 3^6, 2^5\})$	12579840
12	$\mathcal{O}(1; \{12, 6^6, 4^5, 3^9, 2\})$	100666368
12	$\mathcal{O}(1; \{12, 6^6, 4^7, 2^{10}\})$	774144
12	$\mathcal{O}(1; \{12, 6^6, 4^7, 3^3, 2^6\})$	6303744
12	$\mathcal{O}(1; \{12, 6^6, 4^7, 3^6, 2^2\})$	50319360
12	$\mathcal{O}(1; \{12, 6^6, 4^9, 2^7\})$	3096576
12	$\mathcal{O}(1; \{12, 6^6, 4^9, 3^3, 2^3\})$	25214976
12	$\mathcal{O}(1; \{12, 6^6, 4^{11}, 2^4\})$	12386304
12	$\mathcal{O}(1; \{12, 6^6, 4^{11}, 3^3\})$	100859904
12	$\mathcal{O}(1; \{12, 6^6, 4^{13}, 2\})$	49545216

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^7, 4, 3, 2^{16}\})$	48960
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^4, 2^{12}\})$	393408
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^7, 2^8\})$	3145536
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^{10}, 2^4\})$	25166016
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^{13}\})$	201326400
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 3, 2^{13}\})$	195840
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 3^4, 2^9\})$	1573632
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 3^7, 2^5\})$	12582144
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 3^{10}, 2\})$	100664064
12	$\mathcal{O}(1; \{12, 6^7, 4^5, 3, 2^{10}\})$	783360
12	$\mathcal{O}(1; \{12, 6^7, 4^5, 3^4, 2^6\})$	6294528
12	$\mathcal{O}(1; \{12, 6^7, 4^5, 3^7, 2^2\})$	50328576
12	$\mathcal{O}(1; \{12, 6^7, 4^7, 3, 2^7\})$	3133440
12	$\mathcal{O}(1; \{12, 6^7, 4^7, 3^4, 2^3\})$	25178112
12	$\mathcal{O}(1; \{12, 6^7, 4^9, 3, 2^4\})$	12533760
12	$\mathcal{O}(1; \{12, 6^7, 4^9, 3^4\})$	100712448
12	$\mathcal{O}(1; \{12, 6^7, 4^{11}, 3, 2\})$	50135040
12	$\mathcal{O}(1; \{12, 6^8, 4, 3^2, 2^{13}\})$	196416
12	$\mathcal{O}(1; \{12, 6^8, 4, 3^5, 2^9\})$	1573056
12	$\mathcal{O}(1; \{12, 6^8, 4, 3^8, 2^5\})$	12582720
12	$\mathcal{O}(1; \{12, 6^8, 4, 3^{11}, 2\})$	100663488
12	$\mathcal{O}(1; \{12, 6^8, 4^3, 3^2, 2^{10}\})$	785664
12	$\mathcal{O}(1; \{12, 6^8, 4^3, 3^5, 2^6\})$	6292224
12	$\mathcal{O}(1; \{12, 6^8, 4^3, 3^8, 2^2\})$	50330880
12	$\mathcal{O}(1; \{12, 6^8, 4^5, 3^2, 2^7\})$	3142656
12	$\mathcal{O}(1; \{12, 6^8, 4^5, 3^5, 2^3\})$	25168896
12	$\mathcal{O}(1; \{12, 6^8, 4^7, 3^2, 2^4\})$	12570624
12	$\mathcal{O}(1; \{12, 6^8, 4^7, 3^5\})$	100675584
12	$\mathcal{O}(1; \{12, 6^8, 4^9, 3^2, 2\})$	50282496
12	$\mathcal{O}(1; \{12, 6^9, 4, 2^{14}\})$	98496
12	$\mathcal{O}(1; \{12, 6^9, 4, 3^3, 2^{10}\})$	786240
12	$\mathcal{O}(1; \{12, 6^9, 4, 3^6, 2^6\})$	6291648
12	$\mathcal{O}(1; \{12, 6^9, 4, 3^9, 2^2\})$	50331456
12	$\mathcal{O}(1; \{12, 6^9, 4^3, 2^{11}\})$	393984
12	$\mathcal{O}(1; \{12, 6^9, 4^3, 3^3, 2^7\})$	3144960
12	$\mathcal{O}(1; \{12, 6^9, 4^3, 3^6, 2^3\})$	25166592
12	$\mathcal{O}(1; \{12, 6^9, 4^5, 2^8\})$	1575936
12	$\mathcal{O}(1; \{12, 6^9, 4^5, 3^3, 2^4\})$	12579840
12	$\mathcal{O}(1; \{12, 6^9, 4^5, 3^6\})$	100666368
12	$\mathcal{O}(1; \{12, 6^9, 4^7, 2^5\})$	6303744
12	$\mathcal{O}(1; \{12, 6^9, 4^7, 3^3, 2\})$	50319360
12	$\mathcal{O}(1; \{12, 6^9, 4^9, 2^2\})$	25214976
12	$\mathcal{O}(1; \{12, 6^{10}, 4, 3, 2^{11}\})$	393408

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^{10}, 4, 3^4, 2^7\})$	3145536
12	$\mathcal{O}(1; \{12, 6^{10}, 4, 3^7, 2^3\})$	25166016
12	$\mathcal{O}(1; \{12, 6^{10}, 4^3, 3, 2^8\})$	1573632
12	$\mathcal{O}(1; \{12, 6^{10}, 4^3, 3^4, 2^4\})$	12582144
12	$\mathcal{O}(1; \{12, 6^{10}, 4^3, 3^7\})$	100664064
12	$\mathcal{O}(1; \{12, 6^{10}, 4^5, 3, 2^5\})$	6294528
12	$\mathcal{O}(1; \{12, 6^{10}, 4^5, 3^4, 2\})$	50328576
12	$\mathcal{O}(1; \{12, 6^{10}, 4^7, 3, 2^2\})$	25178112
12	$\mathcal{O}(1; \{12, 6^{11}, 4, 3^2, 2^8\})$	1573056
12	$\mathcal{O}(1; \{12, 6^{11}, 4, 3^5, 2^4\})$	12582720
12	$\mathcal{O}(1; \{12, 6^{11}, 4, 3^8\})$	100663488
12	$\mathcal{O}(1; \{12, 6^{11}, 4^3, 3^2, 2^5\})$	6292224
12	$\mathcal{O}(1; \{12, 6^{11}, 4^3, 3^5, 2\})$	50330880
12	$\mathcal{O}(1; \{12, 6^{11}, 4^5, 3^2, 2^2\})$	25168896
12	$\mathcal{O}(1; \{12, 6^{12}, 4, 2^9\})$	786240
12	$\mathcal{O}(1; \{12, 6^{12}, 4, 3^3, 2^5\})$	6291648
12	$\mathcal{O}(1; \{12, 6^{12}, 4, 3^6, 2\})$	50331456
12	$\mathcal{O}(1; \{12, 6^{12}, 4^3, 2^6\})$	3144960
12	$\mathcal{O}(1; \{12, 6^{12}, 4^3, 3^3, 2^2\})$	25166592
12	$\mathcal{O}(1; \{12, 6^{12}, 4^5, 2^3\})$	12579840
12	$\mathcal{O}(1; \{12, 6^{12}, 4^7\})$	50319360
12	$\mathcal{O}(1; \{12, 6^{13}, 4, 3, 2^6\})$	3145536
12	$\mathcal{O}(1; \{12, 6^{13}, 4, 3^4, 2^2\})$	25166016
12	$\mathcal{O}(1; \{12, 6^{13}, 4^3, 3, 2^3\})$	12582144
12	$\mathcal{O}(1; \{12, 6^{13}, 4^5, 3\})$	50328576
12	$\mathcal{O}(1; \{12, 6^{14}, 4, 3^2, 2^3\})$	12582720
12	$\mathcal{O}(1; \{12, 6^{14}, 4^3, 3^2\})$	50330880
12	$\mathcal{O}(1; \{12, 6^{15}, 4, 2^4\})$	6291648
12	$\mathcal{O}(1; \{12, 6^{15}, 4, 3^3\})$	50331456
12	$\mathcal{O}(1; \{12, 6^{15}, 4^3, 2\})$	25166592
12	$\mathcal{O}(1; \{12, 6^{16}, 4, 3, 2\})$	25166016
12	$\mathcal{O}(1; \{12^2, 3^2, 2^{26}\})$	1728
12	$\mathcal{O}(1; \{12^2, 3^5, 2^{22}\})$	12096
12	$\mathcal{O}(1; \{12^2, 3^8, 2^{18}\})$	98496
12	$\mathcal{O}(1; \{12^2, 3^{11}, 2^{14}\})$	786240
12	$\mathcal{O}(1; \{12^2, 3^{14}, 2^{10}\})$	6291648
12	$\mathcal{O}(1; \{12^2, 3^{17}, 2^6\})$	50331456
12	$\mathcal{O}(1; \{12^2, 3^{20}, 2^2\})$	402653376
12	$\mathcal{O}(1; \{12^2, 4^2, 3^2, 2^{23}\})$	6912
12	$\mathcal{O}(1; \{12^2, 4^2, 3^5, 2^{19}\})$	48384
12	$\mathcal{O}(1; \{12^2, 4^2, 3^8, 2^{15}\})$	393984
12	$\mathcal{O}(1; \{12^2, 4^2, 3^{11}, 2^{11}\})$	3144960
12	$\mathcal{O}(1; \{12^2, 4^2, 3^{14}, 2^7\})$	25166592

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 4^2, 3^{17}, 2^3\})$	201325824
12	$\mathcal{O}(1; \{12^2, 4^4, 3^2, 2^{20}\})$	27648
12	$\mathcal{O}(1; \{12^2, 4^4, 3^5, 2^{16}\})$	193536
12	$\mathcal{O}(1; \{12^2, 4^4, 3^8, 2^{12}\})$	1575936
12	$\mathcal{O}(1; \{12^2, 4^4, 3^{11}, 2^8\})$	12579840
12	$\mathcal{O}(1; \{12^2, 4^4, 3^{14}, 2^4\})$	100666368
12	$\mathcal{O}(1; \{12^2, 4^4, 3^{17}\})$	805303296
12	$\mathcal{O}(1; \{12^2, 4^6, 3^2, 2^{17}\})$	110592
12	$\mathcal{O}(1; \{12^2, 4^6, 3^5, 2^{13}\})$	774144
12	$\mathcal{O}(1; \{12^2, 4^6, 3^8, 2^9\})$	6303744
12	$\mathcal{O}(1; \{12^2, 4^6, 3^{11}, 2^5\})$	50319360
12	$\mathcal{O}(1; \{12^2, 4^6, 3^{14}, 2\})$	402665472
12	$\mathcal{O}(1; \{12^2, 4^8, 3^2, 2^{14}\})$	442368
12	$\mathcal{O}(1; \{12^2, 4^8, 3^5, 2^{10}\})$	3096576
12	$\mathcal{O}(1; \{12^2, 4^8, 3^8, 2^6\})$	25214976
12	$\mathcal{O}(1; \{12^2, 4^8, 3^{11}, 2^2\})$	201277440
12	$\mathcal{O}(1; \{12^2, 4^{10}, 3^2, 2^{11}\})$	1769472
12	$\mathcal{O}(1; \{12^2, 4^{10}, 3^5, 2^7\})$	12386304
12	$\mathcal{O}(1; \{12^2, 4^{10}, 3^8, 2^3\})$	100859904
12	$\mathcal{O}(1; \{12^2, 4^{12}, 3^2, 2^8\})$	7077888
12	$\mathcal{O}(1; \{12^2, 4^{12}, 3^5, 2^4\})$	49545216
12	$\mathcal{O}(1; \{12^2, 4^{12}, 3^8\})$	403439616
12	$\mathcal{O}(1; \{12^2, 4^{14}, 3^2, 2^5\})$	28311552
12	$\mathcal{O}(1; \{12^2, 4^{14}, 3^5, 2\})$	198180864
12	$\mathcal{O}(1; \{12^2, 4^{16}, 3^2, 2^2\})$	113246208
12	$\mathcal{O}(1; \{12^2, 6, 2^{27}\})$	576
12	$\mathcal{O}(1; \{12^2, 6, 3^3, 2^{23}\})$	6336
12	$\mathcal{O}(1; \{12^2, 6, 3^6, 2^{19}\})$	48960
12	$\mathcal{O}(1; \{12^2, 6, 3^9, 2^{15}\})$	393408
12	$\mathcal{O}(1; \{12^2, 6, 3^{12}, 2^{11}\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6, 3^{15}, 2^7\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6, 3^{18}, 2^3\})$	201326400
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 2^{24}\})$	2304
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^3, 2^{20}\})$	25344
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^6, 2^{16}\})$	195840
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^9, 2^{12}\})$	1573632
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^{12}, 2^8\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^{15}, 2^4\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^{18}\})$	805305600
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 2^{21}\})$	9216
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^3, 2^{17}\})$	101376
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^6, 2^{13}\})$	783360
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^9, 2^9\})$	6294528

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^{12}, 2^5\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^{15}, 2\})$	402656256
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 2^{18}\})$	36864
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^3, 2^{14}\})$	405504
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^6, 2^{10}\})$	3133440
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^9, 2^6\})$	25178112
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^{12}, 2^2\})$	201314304
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 2^{15}\})$	147456
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 3^3, 2^{11}\})$	1622016
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 3^6, 2^7\})$	12533760
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 3^9, 2^3\})$	100712448
12	$\mathcal{O}(1; \{12^2, 6, 4^{10}, 2^{12}\})$	589824
12	$\mathcal{O}(1; \{12^2, 6, 4^{10}, 3^3, 2^8\})$	6488064
12	$\mathcal{O}(1; \{12^2, 6, 4^{10}, 3^6, 2^4\})$	50135040
12	$\mathcal{O}(1; \{12^2, 6, 4^{10}, 3^9\})$	402849792
12	$\mathcal{O}(1; \{12^2, 6, 4^{12}, 2^9\})$	2359296
12	$\mathcal{O}(1; \{12^2, 6, 4^{12}, 3^3, 2^5\})$	25952256
12	$\mathcal{O}(1; \{12^2, 6, 4^{12}, 3^6, 2\})$	200540160
12	$\mathcal{O}(1; \{12^2, 6, 4^{14}, 2^6\})$	9437184
12	$\mathcal{O}(1; \{12^2, 6, 4^{14}, 3^3, 2^2\})$	103809024
12	$\mathcal{O}(1; \{12^2, 6, 4^{16}, 2^3\})$	37748736
12	$\mathcal{O}(1; \{12^2, 6, 4^{18}\})$	150994944
12	$\mathcal{O}(1; \{12^2, 6^2, 3, 2^{24}\})$	2880
12	$\mathcal{O}(1; \{12^2, 6^2, 3^4, 2^{20}\})$	24768
12	$\mathcal{O}(1; \{12^2, 6^2, 3^7, 2^{16}\})$	196416
12	$\mathcal{O}(1; \{12^2, 6^2, 3^{10}, 2^{12}\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^2, 3^{13}, 2^8\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^2, 3^{16}, 2^4\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^2, 3^{19}\})$	805306176
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3, 2^{21}\})$	11520
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^4, 2^{17}\})$	99072
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^7, 2^{13}\})$	785664
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^{10}, 2^9\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^{13}, 2^5\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^{16}, 2\})$	402653952
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3, 2^{18}\})$	46080
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^4, 2^{14}\})$	396288
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^7, 2^{10}\})$	3142656
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^{10}, 2^6\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^{13}, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3, 2^{15}\})$	184320
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3^4, 2^{11}\})$	1585152
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3^7, 2^7\})$	12570624

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3^{10}, 2^3\})$	100675584
12	$\mathcal{O}(1; \{12^2, 6^2, 4^8, 3, 2^{12}\})$	737280
12	$\mathcal{O}(1; \{12^2, 6^2, 4^8, 3^4, 2^8\})$	6340608
12	$\mathcal{O}(1; \{12^2, 6^2, 4^8, 3^7, 2^4\})$	50282496
12	$\mathcal{O}(1; \{12^2, 6^2, 4^8, 3^{10}\})$	402702336
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{10}, 3, 2^9\})$	2949120
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{10}, 3^4, 2^5\})$	25362432
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{10}, 3^7, 2\})$	201129984
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{12}, 3, 2^6\})$	11796480
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{12}, 3^4, 2^2\})$	101449728
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{14}, 3, 2^3\})$	47185920
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{16}, 3\})$	188743680
12	$\mathcal{O}(1; \{12^2, 6^3, 3^2, 2^{21}\})$	12096
12	$\mathcal{O}(1; \{12^2, 6^3, 3^5, 2^{17}\})$	98496
12	$\mathcal{O}(1; \{12^2, 6^3, 3^8, 2^{13}\})$	786240
12	$\mathcal{O}(1; \{12^2, 6^3, 3^{11}, 2^9\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^3, 3^{14}, 2^5\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^3, 3^{17}, 2\})$	402653376
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^2, 2^{18}\})$	48384
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^5, 2^{14}\})$	393984
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^8, 2^{10}\})$	3144960
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^{11}, 2^6\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^{14}, 2^2\})$	201325824
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^2, 2^{15}\})$	193536
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^5, 2^{11}\})$	1575936
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^8, 2^7\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^{11}, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 3^2, 2^{12}\})$	774144
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 3^5, 2^8\})$	6303744
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 3^8, 2^4\})$	50319360
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 3^{11}\})$	402665472
12	$\mathcal{O}(1; \{12^2, 6^3, 4^8, 3^2, 2^9\})$	3096576
12	$\mathcal{O}(1; \{12^2, 6^3, 4^8, 3^5, 2^5\})$	25214976
12	$\mathcal{O}(1; \{12^2, 6^3, 4^8, 3^8, 2\})$	201277440
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{10}, 3^2, 2^6\})$	12386304
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{10}, 3^5, 2^2\})$	100859904
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{12}, 3^2, 2^3\})$	49545216
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{14}, 3^2\})$	198180864
12	$\mathcal{O}(1; \{12^2, 6^4, 2^{22}\})$	6336
12	$\mathcal{O}(1; \{12^2, 6^4, 3^3, 2^{18}\})$	48960
12	$\mathcal{O}(1; \{12^2, 6^4, 3^6, 2^{14}\})$	393408
12	$\mathcal{O}(1; \{12^2, 6^4, 3^9, 2^{10}\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^4, 3^{12}, 2^6\})$	25166016

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^4, 3^{15}, 2^2\})$	201326400
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 2^{19}\})$	25344
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^3, 2^{15}\})$	195840
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^6, 2^{11}\})$	1573632
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^9, 2^7\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^{12}, 2^3\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 2^{16}\})$	101376
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3^3, 2^{12}\})$	783360
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3^6, 2^8\})$	6294528
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3^9, 2^4\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3^{12}\})$	402656256
12	$\mathcal{O}(1; \{12^2, 6^4, 4^6, 2^{13}\})$	405504
12	$\mathcal{O}(1; \{12^2, 6^4, 4^6, 3^3, 2^9\})$	3133440
12	$\mathcal{O}(1; \{12^2, 6^4, 4^6, 3^6, 2^5\})$	25178112
12	$\mathcal{O}(1; \{12^2, 6^4, 4^6, 3^9, 2\})$	201314304
12	$\mathcal{O}(1; \{12^2, 6^4, 4^8, 2^{10}\})$	1622016
12	$\mathcal{O}(1; \{12^2, 6^4, 4^8, 3^3, 2^6\})$	12533760
12	$\mathcal{O}(1; \{12^2, 6^4, 4^8, 3^6, 2^2\})$	100712448
12	$\mathcal{O}(1; \{12^2, 6^4, 4^{10}, 2^7\})$	6488064
12	$\mathcal{O}(1; \{12^2, 6^4, 4^{10}, 3^3, 2^3\})$	50135040
12	$\mathcal{O}(1; \{12^2, 6^4, 4^{12}, 2^4\})$	25952256
12	$\mathcal{O}(1; \{12^2, 6^4, 4^{12}, 3^3\})$	200540160
12	$\mathcal{O}(1; \{12^2, 6^4, 4^{14}, 2\})$	103809024
12	$\mathcal{O}(1; \{12^2, 6^5, 3, 2^{19}\})$	24768
12	$\mathcal{O}(1; \{12^2, 6^5, 3^4, 2^{15}\})$	196416
12	$\mathcal{O}(1; \{12^2, 6^5, 3^7, 2^{11}\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^5, 3^{10}, 2^7\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^5, 3^{13}, 2^3\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3, 2^{16}\})$	99072
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^4, 2^{12}\})$	785664
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^7, 2^8\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^{10}, 2^4\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^{13}\})$	402653952
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 3, 2^{13}\})$	396288
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 3^4, 2^9\})$	3142656
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 3^7, 2^5\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 3^{10}, 2\})$	201323520
12	$\mathcal{O}(1; \{12^2, 6^5, 4^6, 3, 2^{10}\})$	1585152
12	$\mathcal{O}(1; \{12^2, 6^5, 4^6, 3^4, 2^6\})$	12570624
12	$\mathcal{O}(1; \{12^2, 6^5, 4^6, 3^7, 2^2\})$	100675584
12	$\mathcal{O}(1; \{12^2, 6^5, 4^8, 3, 2^7\})$	6340608
12	$\mathcal{O}(1; \{12^2, 6^5, 4^8, 3^4, 2^3\})$	50282496
12	$\mathcal{O}(1; \{12^2, 6^5, 4^{10}, 3, 2^4\})$	25362432

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^5, 4^{10}, 3^4\})$	201129984
12	$\mathcal{O}(1; \{12^2, 6^5, 4^{12}, 3, 2\})$	101449728
12	$\mathcal{O}(1; \{12^2, 6^6, 3^2, 2^{16}\})$	98496
12	$\mathcal{O}(1; \{12^2, 6^6, 3^5, 2^{12}\})$	786240
12	$\mathcal{O}(1; \{12^2, 6^6, 3^8, 2^8\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^6, 3^{11}, 2^4\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^6, 3^{14}\})$	402653376
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3^2, 2^{13}\})$	393984
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3^5, 2^9\})$	3144960
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3^8, 2^5\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3^{11}, 2\})$	201325824
12	$\mathcal{O}(1; \{12^2, 6^6, 4^4, 3^2, 2^{10}\})$	1575936
12	$\mathcal{O}(1; \{12^2, 6^6, 4^4, 3^5, 2^6\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6^6, 4^4, 3^8, 2^2\})$	100666368
12	$\mathcal{O}(1; \{12^2, 6^6, 4^6, 3^2, 2^7\})$	6303744
12	$\mathcal{O}(1; \{12^2, 6^6, 4^6, 3^5, 2^3\})$	50319360
12	$\mathcal{O}(1; \{12^2, 6^6, 4^8, 3^2, 2^4\})$	25214976
12	$\mathcal{O}(1; \{12^2, 6^6, 4^8, 3^5\})$	201277440
12	$\mathcal{O}(1; \{12^2, 6^6, 4^{10}, 3^2, 2\})$	100859904
12	$\mathcal{O}(1; \{12^2, 6^7, 2^{17}\})$	48960
12	$\mathcal{O}(1; \{12^2, 6^7, 3^3, 2^{13}\})$	393408
12	$\mathcal{O}(1; \{12^2, 6^7, 3^6, 2^9\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^7, 3^9, 2^5\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^7, 3^{12}, 2\})$	201326400
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 2^{14}\})$	195840
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 3^3, 2^{10}\})$	1573632
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 3^6, 2^6\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 3^9, 2^2\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6^7, 4^4, 2^{11}\})$	783360
12	$\mathcal{O}(1; \{12^2, 6^7, 4^4, 3^3, 2^7\})$	6294528
12	$\mathcal{O}(1; \{12^2, 6^7, 4^4, 3^6, 2^3\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^7, 4^6, 2^8\})$	3133440
12	$\mathcal{O}(1; \{12^2, 6^7, 4^6, 3^3, 2^4\})$	25178112
12	$\mathcal{O}(1; \{12^2, 6^7, 4^6, 3^6\})$	201314304
12	$\mathcal{O}(1; \{12^2, 6^7, 4^8, 2^5\})$	12533760
12	$\mathcal{O}(1; \{12^2, 6^7, 4^8, 3^3, 2\})$	100712448
12	$\mathcal{O}(1; \{12^2, 6^7, 4^{10}, 2^2\})$	50135040
12	$\mathcal{O}(1; \{12^2, 6^8, 3, 2^{14}\})$	196416
12	$\mathcal{O}(1; \{12^2, 6^8, 3^4, 2^{10}\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^8, 3^7, 2^6\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^8, 3^{10}, 2^2\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^8, 4^2, 3, 2^{11}\})$	785664
12	$\mathcal{O}(1; \{12^2, 6^8, 4^2, 3^4, 2^7\})$	6292224

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^8, 4^2, 3^7, 2^3\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^8, 4^4, 3, 2^8\})$	3142656
12	$\mathcal{O}(1; \{12^2, 6^8, 4^4, 3^4, 2^4\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6^8, 4^4, 3^7\})$	201323520
12	$\mathcal{O}(1; \{12^2, 6^8, 4^6, 3, 2^5\})$	12570624
12	$\mathcal{O}(1; \{12^2, 6^8, 4^6, 3^4, 2\})$	100675584
12	$\mathcal{O}(1; \{12^2, 6^8, 4^8, 3, 2^2\})$	50282496
12	$\mathcal{O}(1; \{12^2, 6^9, 3^2, 2^{11}\})$	786240
12	$\mathcal{O}(1; \{12^2, 6^9, 3^5, 2^7\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^9, 3^8, 2^3\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^9, 4^2, 3^2, 2^8\})$	3144960
12	$\mathcal{O}(1; \{12^2, 6^9, 4^2, 3^5, 2^4\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^9, 4^2, 3^8\})$	201325824
12	$\mathcal{O}(1; \{12^2, 6^9, 4^4, 3^2, 2^5\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6^9, 4^4, 3^5, 2\})$	100666368
12	$\mathcal{O}(1; \{12^2, 6^9, 4^6, 3^2, 2^2\})$	50319360
12	$\mathcal{O}(1; \{12^2, 6^{10}, 2^{12}\})$	393408
12	$\mathcal{O}(1; \{12^2, 6^{10}, 3^3, 2^8\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^{10}, 3^6, 2^4\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^{10}, 3^9\})$	201326400
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^2, 2^9\})$	1573632
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^2, 3^3, 2^5\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^2, 3^6, 2\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^4, 2^6\})$	6294528
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^4, 3^3, 2^2\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^6, 2^3\})$	25178112
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^8\})$	100712448
12	$\mathcal{O}(1; \{12^2, 6^{11}, 3, 2^9\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^{11}, 3^4, 2^5\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^{11}, 3^7, 2\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^2, 3, 2^6\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^2, 3^4, 2^2\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^4, 3, 2^3\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^6, 3\})$	100675584
12	$\mathcal{O}(1; \{12^2, 6^{12}, 3^2, 2^6\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^{12}, 3^5, 2^2\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^{12}, 4^2, 3^2, 2^3\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^{12}, 4^4, 3^2\})$	100666368
12	$\mathcal{O}(1; \{12^2, 6^{13}, 2^7\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^{13}, 3^3, 2^3\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^{13}, 4^2, 2^4\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^{13}, 4^2, 3^3\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6^{13}, 4^4, 2\})$	50328576

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^{14}, 3, 2^4\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^{14}, 3^4\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^{14}, 4^2, 3, 2\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^{15}, 3^2, 2\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^{16}, 2^2\})$	25166016
12	$\mathcal{O}(1; \{12^3, 4, 3, 2^{24}\})$	6912
12	$\mathcal{O}(1; \{12^3, 4, 3^4, 2^{20}\})$	48384
12	$\mathcal{O}(1; \{12^3, 4, 3^7, 2^{16}\})$	393984
12	$\mathcal{O}(1; \{12^3, 4, 3^{10}, 2^{12}\})$	3144960
12	$\mathcal{O}(1; \{12^3, 4, 3^{13}, 2^8\})$	25166592
12	$\mathcal{O}(1; \{12^3, 4, 3^{16}, 2^4\})$	201325824
12	$\mathcal{O}(1; \{12^3, 4, 3^{19}\})$	1610613504
12	$\mathcal{O}(1; \{12^3, 4^3, 3, 2^{21}\})$	27648
12	$\mathcal{O}(1; \{12^3, 4^3, 3^4, 2^{17}\})$	193536
12	$\mathcal{O}(1; \{12^3, 4^3, 3^7, 2^{13}\})$	1575936
12	$\mathcal{O}(1; \{12^3, 4^3, 3^{10}, 2^9\})$	12579840
12	$\mathcal{O}(1; \{12^3, 4^3, 3^{13}, 2^5\})$	100666368
12	$\mathcal{O}(1; \{12^3, 4^3, 3^{16}, 2\})$	805303296
12	$\mathcal{O}(1; \{12^3, 4^5, 3, 2^{18}\})$	110592
12	$\mathcal{O}(1; \{12^3, 4^5, 3^4, 2^{14}\})$	774144
12	$\mathcal{O}(1; \{12^3, 4^5, 3^7, 2^{10}\})$	6303744
12	$\mathcal{O}(1; \{12^3, 4^5, 3^{10}, 2^6\})$	50319360
12	$\mathcal{O}(1; \{12^3, 4^5, 3^{13}, 2^2\})$	402665472
12	$\mathcal{O}(1; \{12^3, 4^7, 3, 2^{15}\})$	442368
12	$\mathcal{O}(1; \{12^3, 4^7, 3^4, 2^{11}\})$	3096576
12	$\mathcal{O}(1; \{12^3, 4^7, 3^7, 2^7\})$	25214976
12	$\mathcal{O}(1; \{12^3, 4^7, 3^{10}, 2^3\})$	201277440
12	$\mathcal{O}(1; \{12^3, 4^9, 3, 2^{12}\})$	1769472
12	$\mathcal{O}(1; \{12^3, 4^9, 3^4, 2^8\})$	12386304
12	$\mathcal{O}(1; \{12^3, 4^9, 3^7, 2^4\})$	100859904
12	$\mathcal{O}(1; \{12^3, 4^9, 3^{10}\})$	805109760
12	$\mathcal{O}(1; \{12^3, 4^{11}, 3, 2^9\})$	7077888
12	$\mathcal{O}(1; \{12^3, 4^{11}, 3^4, 2^5\})$	49545216
12	$\mathcal{O}(1; \{12^3, 4^{11}, 3^7, 2\})$	403439616
12	$\mathcal{O}(1; \{12^3, 4^{13}, 3, 2^6\})$	28311552
12	$\mathcal{O}(1; \{12^3, 4^{13}, 3^4, 2^2\})$	198180864
12	$\mathcal{O}(1; \{12^3, 4^{15}, 3, 2^3\})$	113246208
12	$\mathcal{O}(1; \{12^3, 4^{17}, 3\})$	452984832
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^2, 2^{21}\})$	25344
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^5, 2^{17}\})$	195840
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^8, 2^{13}\})$	1573632
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^{11}, 2^9\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^{14}, 2^5\})$	100664064

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^{17}, 2\})$	805305600
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^2, 2^{18}\})$	101376
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^5, 2^{14}\})$	783360
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^8, 2^{10}\})$	6294528
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^{11}, 2^6\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^{14}, 2^2\})$	402656256
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^2, 2^{15}\})$	405504
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^5, 2^{11}\})$	3133440
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^8, 2^7\})$	25178112
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^{11}, 2^3\})$	201314304
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 3^2, 2^{12}\})$	1622016
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 3^5, 2^8\})$	12533760
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 3^8, 2^4\})$	100712448
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 3^{11}\})$	805257216
12	$\mathcal{O}(1; \{12^3, 6, 4^9, 3^2, 2^9\})$	6488064
12	$\mathcal{O}(1; \{12^3, 6, 4^9, 3^5, 2^5\})$	50135040
12	$\mathcal{O}(1; \{12^3, 6, 4^9, 3^8, 2\})$	402849792
12	$\mathcal{O}(1; \{12^3, 6, 4^{11}, 3^2, 2^6\})$	25952256
12	$\mathcal{O}(1; \{12^3, 6, 4^{11}, 3^5, 2^2\})$	200540160
12	$\mathcal{O}(1; \{12^3, 6, 4^{13}, 3^2, 2^3\})$	103809024
12	$\mathcal{O}(1; \{12^3, 6, 4^{15}, 3^2\})$	415236096
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 2^{22}\})$	11520
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^3, 2^{18}\})$	99072
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^6, 2^{14}\})$	785664
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^9, 2^{10}\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^{12}, 2^6\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^{15}, 2^2\})$	402653952
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 2^{19}\})$	46080
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^3, 2^{15}\})$	396288
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^6, 2^{11}\})$	3142656
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^9, 2^7\})$	25168896
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^{12}, 2^3\})$	201323520
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 2^{16}\})$	184320
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3^3, 2^{12}\})$	1585152
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3^6, 2^8\})$	12570624
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3^9, 2^4\})$	100675584
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3^{12}\})$	805294080
12	$\mathcal{O}(1; \{12^3, 6^2, 4^7, 2^{13}\})$	737280
12	$\mathcal{O}(1; \{12^3, 6^2, 4^7, 3^3, 2^9\})$	6340608
12	$\mathcal{O}(1; \{12^3, 6^2, 4^7, 3^6, 2^5\})$	50282496
12	$\mathcal{O}(1; \{12^3, 6^2, 4^7, 3^9, 2\})$	402702336
12	$\mathcal{O}(1; \{12^3, 6^2, 4^9, 2^{10}\})$	2949120
12	$\mathcal{O}(1; \{12^3, 6^2, 4^9, 3^3, 2^6\})$	25362432

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 6^2, 4^9, 3^6, 2^2\})$	201129984
12	$\mathcal{O}(1; \{12^3, 6^2, 4^{11}, 2^7\})$	11796480
12	$\mathcal{O}(1; \{12^3, 6^2, 4^{11}, 3^3, 2^3\})$	101449728
12	$\mathcal{O}(1; \{12^3, 6^2, 4^{13}, 2^4\})$	47185920
12	$\mathcal{O}(1; \{12^3, 6^2, 4^{13}, 3^3\})$	405798912
12	$\mathcal{O}(1; \{12^3, 6^2, 4^{15}, 2\})$	188743680
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3, 2^{19}\})$	48384
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^4, 2^{15}\})$	393984
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^7, 2^{11}\})$	3144960
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^{10}, 2^7\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^{13}, 2^3\})$	201325824
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3, 2^{16}\})$	193536
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^4, 2^{12}\})$	1575936
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^7, 2^8\})$	12579840
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^{10}, 2^4\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^{13}\})$	805303296
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 3, 2^{13}\})$	774144
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 3^4, 2^9\})$	6303744
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 3^7, 2^5\})$	50319360
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 3^{10}, 2\})$	402665472
12	$\mathcal{O}(1; \{12^3, 6^3, 4^7, 3, 2^{10}\})$	3096576
12	$\mathcal{O}(1; \{12^3, 6^3, 4^7, 3^4, 2^6\})$	25214976
12	$\mathcal{O}(1; \{12^3, 6^3, 4^7, 3^7, 2^2\})$	201277440
12	$\mathcal{O}(1; \{12^3, 6^3, 4^9, 3, 2^7\})$	12386304
12	$\mathcal{O}(1; \{12^3, 6^3, 4^9, 3^4, 2^3\})$	100859904
12	$\mathcal{O}(1; \{12^3, 6^3, 4^{11}, 3, 2^4\})$	49545216
12	$\mathcal{O}(1; \{12^3, 6^3, 4^{11}, 3^4\})$	403439616
12	$\mathcal{O}(1; \{12^3, 6^3, 4^{13}, 3, 2\})$	198180864
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^2, 2^{16}\})$	195840
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^5, 2^{12}\})$	1573632
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^8, 2^8\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^{11}, 2^4\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^{14}\})$	805305600
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3^2, 2^{13}\})$	783360
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3^5, 2^9\})$	6294528
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3^8, 2^5\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3^{11}, 2\})$	402656256
12	$\mathcal{O}(1; \{12^3, 6^4, 4^5, 3^2, 2^{10}\})$	3133440
12	$\mathcal{O}(1; \{12^3, 6^4, 4^5, 3^5, 2^6\})$	25178112
12	$\mathcal{O}(1; \{12^3, 6^4, 4^5, 3^8, 2^2\})$	201314304
12	$\mathcal{O}(1; \{12^3, 6^4, 4^7, 3^2, 2^7\})$	12533760
12	$\mathcal{O}(1; \{12^3, 6^4, 4^7, 3^5, 2^3\})$	100712448
12	$\mathcal{O}(1; \{12^3, 6^4, 4^9, 3^2, 2^4\})$	50135040

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 6^4, 4^9, 3^5\})$	402849792
12	$\mathcal{O}(1; \{12^3, 6^4, 4^{11}, 3^2, 2\})$	200540160
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 2^{17}\})$	99072
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^3, 2^{13}\})$	785664
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^6, 2^9\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^9, 2^5\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^{12}, 2\})$	402653952
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 2^{14}\})$	396288
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 3^3, 2^{10}\})$	3142656
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 3^6, 2^6\})$	25168896
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 3^9, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12^3, 6^5, 4^5, 2^{11}\})$	1585152
12	$\mathcal{O}(1; \{12^3, 6^5, 4^5, 3^3, 2^7\})$	12570624
12	$\mathcal{O}(1; \{12^3, 6^5, 4^5, 3^6, 2^3\})$	100675584
12	$\mathcal{O}(1; \{12^3, 6^5, 4^7, 2^8\})$	6340608
12	$\mathcal{O}(1; \{12^3, 6^5, 4^7, 3^3, 2^4\})$	50282496
12	$\mathcal{O}(1; \{12^3, 6^5, 4^7, 3^6\})$	402702336
12	$\mathcal{O}(1; \{12^3, 6^5, 4^9, 2^5\})$	25362432
12	$\mathcal{O}(1; \{12^3, 6^5, 4^9, 3^3, 2\})$	201129984
12	$\mathcal{O}(1; \{12^3, 6^5, 4^{11}, 2^2\})$	101449728
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3, 2^{14}\})$	393984
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3^4, 2^{10}\})$	3144960
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3^7, 2^6\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3^{10}, 2^2\})$	201325824
12	$\mathcal{O}(1; \{12^3, 6^6, 4^3, 3, 2^{11}\})$	1575936
12	$\mathcal{O}(1; \{12^3, 6^6, 4^3, 3^4, 2^7\})$	12579840
12	$\mathcal{O}(1; \{12^3, 6^6, 4^3, 3^7, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^6, 4^5, 3, 2^8\})$	6303744
12	$\mathcal{O}(1; \{12^3, 6^6, 4^5, 3^4, 2^4\})$	50319360
12	$\mathcal{O}(1; \{12^3, 6^6, 4^5, 3^7\})$	402665472
12	$\mathcal{O}(1; \{12^3, 6^6, 4^7, 3, 2^5\})$	25214976
12	$\mathcal{O}(1; \{12^3, 6^6, 4^7, 3^4, 2\})$	201277440
12	$\mathcal{O}(1; \{12^3, 6^6, 4^9, 3, 2^2\})$	100859904
12	$\mathcal{O}(1; \{12^3, 6^7, 4, 3^2, 2^{11}\})$	1573632
12	$\mathcal{O}(1; \{12^3, 6^7, 4, 3^5, 2^7\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6^7, 4, 3^8, 2^3\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^7, 4^3, 3^2, 2^8\})$	6294528
12	$\mathcal{O}(1; \{12^3, 6^7, 4^3, 3^5, 2^4\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6^7, 4^3, 3^8\})$	402656256
12	$\mathcal{O}(1; \{12^3, 6^7, 4^5, 3^2, 2^5\})$	25178112
12	$\mathcal{O}(1; \{12^3, 6^7, 4^5, 3^5, 2\})$	201314304
12	$\mathcal{O}(1; \{12^3, 6^7, 4^7, 3^2, 2^2\})$	100712448
12	$\mathcal{O}(1; \{12^3, 6^8, 4, 2^{12}\})$	785664

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 6^8, 4, 3^3, 2^8\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6^8, 4, 3^6, 2^4\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^8, 4, 3^9\})$	402653952
12	$\mathcal{O}(1; \{12^3, 6^8, 4^3, 2^9\})$	3142656
12	$\mathcal{O}(1; \{12^3, 6^8, 4^3, 3^3, 2^5\})$	25168896
12	$\mathcal{O}(1; \{12^3, 6^8, 4^3, 3^6, 2\})$	201323520
12	$\mathcal{O}(1; \{12^3, 6^8, 4^5, 2^6\})$	12570624
12	$\mathcal{O}(1; \{12^3, 6^8, 4^5, 3^3, 2^2\})$	100675584
12	$\mathcal{O}(1; \{12^3, 6^8, 4^7, 2^3\})$	50282496
12	$\mathcal{O}(1; \{12^3, 6^8, 4^9\})$	201129984
12	$\mathcal{O}(1; \{12^3, 6^9, 4, 3, 2^9\})$	3144960
12	$\mathcal{O}(1; \{12^3, 6^9, 4, 3^4, 2^5\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^9, 4, 3^7, 2\})$	201325824
12	$\mathcal{O}(1; \{12^3, 6^9, 4^3, 3, 2^6\})$	12579840
12	$\mathcal{O}(1; \{12^3, 6^9, 4^3, 3^4, 2^2\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^9, 4^5, 3, 2^3\})$	50319360
12	$\mathcal{O}(1; \{12^3, 6^9, 4^7, 3\})$	201277440
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4, 3^2, 2^6\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4, 3^5, 2^2\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4^3, 3^2, 2^3\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4^5, 3^2\})$	201314304
12	$\mathcal{O}(1; \{12^3, 6^{11}, 4, 2^7\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6^{11}, 4, 3^3, 2^3\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^{11}, 4^3, 2^4\})$	25168896
12	$\mathcal{O}(1; \{12^3, 6^{11}, 4^3, 3^3\})$	201323520
12	$\mathcal{O}(1; \{12^3, 6^{11}, 4^5, 2\})$	100675584
12	$\mathcal{O}(1; \{12^3, 6^{12}, 4, 3, 2^4\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^{12}, 4, 3^4\})$	201325824
12	$\mathcal{O}(1; \{12^3, 6^{12}, 4^3, 3, 2\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^{13}, 4, 3^2, 2\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^{14}, 4, 2^2\})$	50330880
12	$\mathcal{O}(1; \{12^4, 2^{25}\})$	6912
12	$\mathcal{O}(1; \{12^4, 3^3, 2^{21}\})$	48384
12	$\mathcal{O}(1; \{12^4, 3^6, 2^{17}\})$	393984
12	$\mathcal{O}(1; \{12^4, 3^9, 2^{13}\})$	3144960
12	$\mathcal{O}(1; \{12^4, 3^{12}, 2^9\})$	25166592
12	$\mathcal{O}(1; \{12^4, 3^{15}, 2^5\})$	201325824
12	$\mathcal{O}(1; \{12^4, 3^{18}, 2\})$	1610613504
12	$\mathcal{O}(1; \{12^4, 4^2, 2^{22}\})$	27648
12	$\mathcal{O}(1; \{12^4, 4^2, 3^3, 2^{18}\})$	193536
12	$\mathcal{O}(1; \{12^4, 4^2, 3^6, 2^{14}\})$	1575936
12	$\mathcal{O}(1; \{12^4, 4^2, 3^9, 2^{10}\})$	12579840
12	$\mathcal{O}(1; \{12^4, 4^2, 3^{12}, 2^6\})$	100666368

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 4^2, 3^{15}, 2^2\})$	805303296
12	$\mathcal{O}(1; \{12^4, 4^4, 2^{19}\})$	110592
12	$\mathcal{O}(1; \{12^4, 4^4, 3^3, 2^{15}\})$	774144
12	$\mathcal{O}(1; \{12^4, 4^4, 3^6, 2^{11}\})$	6303744
12	$\mathcal{O}(1; \{12^4, 4^4, 3^9, 2^7\})$	50319360
12	$\mathcal{O}(1; \{12^4, 4^4, 3^{12}, 2^3\})$	402665472
12	$\mathcal{O}(1; \{12^4, 4^6, 2^{16}\})$	442368
12	$\mathcal{O}(1; \{12^4, 4^6, 3^3, 2^{12}\})$	3096576
12	$\mathcal{O}(1; \{12^4, 4^6, 3^6, 2^8\})$	25214976
12	$\mathcal{O}(1; \{12^4, 4^6, 3^9, 2^4\})$	201277440
12	$\mathcal{O}(1; \{12^4, 4^6, 3^{12}\})$	1610661888
12	$\mathcal{O}(1; \{12^4, 4^8, 2^{13}\})$	1769472
12	$\mathcal{O}(1; \{12^4, 4^8, 3^3, 2^9\})$	12386304
12	$\mathcal{O}(1; \{12^4, 4^8, 3^6, 2^5\})$	100859904
12	$\mathcal{O}(1; \{12^4, 4^8, 3^9, 2\})$	805109760
12	$\mathcal{O}(1; \{12^4, 4^{10}, 2^{10}\})$	7077888
12	$\mathcal{O}(1; \{12^4, 4^{10}, 3^3, 2^6\})$	49545216
12	$\mathcal{O}(1; \{12^4, 4^{10}, 3^6, 2^2\})$	403439616
12	$\mathcal{O}(1; \{12^4, 4^{12}, 2^7\})$	28311552
12	$\mathcal{O}(1; \{12^4, 4^{12}, 3^3, 2^3\})$	198180864
12	$\mathcal{O}(1; \{12^4, 4^{14}, 2^4\})$	113246208
12	$\mathcal{O}(1; \{12^4, 4^{14}, 3^3\})$	792723456
12	$\mathcal{O}(1; \{12^4, 4^{16}, 2\})$	452984832
12	$\mathcal{O}(1; \{12^4, 6, 3, 2^{22}\})$	25344
12	$\mathcal{O}(1; \{12^4, 6, 3^4, 2^{18}\})$	195840
12	$\mathcal{O}(1; \{12^4, 6, 3^7, 2^{14}\})$	1573632
12	$\mathcal{O}(1; \{12^4, 6, 3^{10}, 2^{10}\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6, 3^{13}, 2^6\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6, 3^{16}, 2^2\})$	805305600
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3, 2^{19}\})$	101376
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^4, 2^{15}\})$	783360
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^7, 2^{11}\})$	6294528
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^{10}, 2^7\})$	50328576
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^{13}, 2^3\})$	402656256
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3, 2^{16}\})$	405504
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^4, 2^{12}\})$	3133440
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^7, 2^8\})$	25178112
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^{10}, 2^4\})$	201314304
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^{13}\})$	1610625024
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 3, 2^{13}\})$	1622016
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 3^4, 2^9\})$	12533760
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 3^7, 2^5\})$	100712448
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 3^{10}, 2\})$	805257216

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 6, 4^8, 3, 2^{10}\})$	6488064
12	$\mathcal{O}(1; \{12^4, 6, 4^8, 3^4, 2^6\})$	50135040
12	$\mathcal{O}(1; \{12^4, 6, 4^8, 3^7, 2^2\})$	402849792
12	$\mathcal{O}(1; \{12^4, 6, 4^{10}, 3, 2^7\})$	25952256
12	$\mathcal{O}(1; \{12^4, 6, 4^{10}, 3^4, 2^3\})$	200540160
12	$\mathcal{O}(1; \{12^4, 6, 4^{12}, 3, 2^4\})$	103809024
12	$\mathcal{O}(1; \{12^4, 6, 4^{12}, 3^4\})$	802160640
12	$\mathcal{O}(1; \{12^4, 6, 4^{14}, 3, 2\})$	415236096
12	$\mathcal{O}(1; \{12^4, 6^2, 3^2, 2^{19}\})$	99072
12	$\mathcal{O}(1; \{12^4, 6^2, 3^5, 2^{15}\})$	785664
12	$\mathcal{O}(1; \{12^4, 6^2, 3^8, 2^{11}\})$	6292224
12	$\mathcal{O}(1; \{12^4, 6^2, 3^{11}, 2^7\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^2, 3^{14}, 2^3\})$	402653952
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^2, 2^{16}\})$	396288
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^5, 2^{12}\})$	3142656
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^8, 2^8\})$	25168896
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^{11}, 2^4\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^{14}\})$	1610615808
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3^2, 2^{13}\})$	1585152
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3^5, 2^9\})$	12570624
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3^8, 2^5\})$	100675584
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3^{11}, 2\})$	805294080
12	$\mathcal{O}(1; \{12^4, 6^2, 4^6, 3^2, 2^{10}\})$	6340608
12	$\mathcal{O}(1; \{12^4, 6^2, 4^6, 3^5, 2^6\})$	50282496
12	$\mathcal{O}(1; \{12^4, 6^2, 4^6, 3^8, 2^2\})$	402702336
12	$\mathcal{O}(1; \{12^4, 6^2, 4^8, 3^2, 2^7\})$	25362432
12	$\mathcal{O}(1; \{12^4, 6^2, 4^8, 3^5, 2^3\})$	201129984
12	$\mathcal{O}(1; \{12^4, 6^2, 4^{10}, 3^2, 2^4\})$	101449728
12	$\mathcal{O}(1; \{12^4, 6^2, 4^{10}, 3^5\})$	804519936
12	$\mathcal{O}(1; \{12^4, 6^2, 4^{12}, 3^2, 2\})$	405798912
12	$\mathcal{O}(1; \{12^4, 6^3, 2^{20}\})$	48384
12	$\mathcal{O}(1; \{12^4, 6^3, 3^3, 2^{16}\})$	393984
12	$\mathcal{O}(1; \{12^4, 6^3, 3^6, 2^{12}\})$	3144960
12	$\mathcal{O}(1; \{12^4, 6^3, 3^9, 2^8\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^3, 3^{12}, 2^4\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6^3, 3^{15}\})$	1610613504
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 2^{17}\})$	193536
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^3, 2^{13}\})$	1575936
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^6, 2^9\})$	12579840
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^9, 2^5\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^{12}, 2\})$	805303296
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 2^{14}\})$	774144
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 3^3, 2^{10}\})$	6303744

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 3^6, 2^6\})$	50319360
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 3^9, 2^2\})$	402665472
12	$\mathcal{O}(1; \{12^4, 6^3, 4^6, 2^{11}\})$	3096576
12	$\mathcal{O}(1; \{12^4, 6^3, 4^6, 3^3, 2^7\})$	25214976
12	$\mathcal{O}(1; \{12^4, 6^3, 4^6, 3^6, 2^3\})$	201277440
12	$\mathcal{O}(1; \{12^4, 6^3, 4^8, 2^8\})$	12386304
12	$\mathcal{O}(1; \{12^4, 6^3, 4^8, 3^3, 2^4\})$	100859904
12	$\mathcal{O}(1; \{12^4, 6^3, 4^8, 3^6\})$	805109760
12	$\mathcal{O}(1; \{12^4, 6^3, 4^{10}, 2^5\})$	49545216
12	$\mathcal{O}(1; \{12^4, 6^3, 4^{10}, 3^3, 2\})$	403439616
12	$\mathcal{O}(1; \{12^4, 6^3, 4^{12}, 2^2\})$	198180864
12	$\mathcal{O}(1; \{12^4, 6^4, 3, 2^{17}\})$	195840
12	$\mathcal{O}(1; \{12^4, 6^4, 3^4, 2^{13}\})$	1573632
12	$\mathcal{O}(1; \{12^4, 6^4, 3^7, 2^9\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6^4, 3^{10}, 2^5\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^4, 3^{13}, 2\})$	805305600
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3, 2^{14}\})$	783360
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3^4, 2^{10}\})$	6294528
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3^7, 2^6\})$	50328576
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3^{10}, 2^2\})$	402656256
12	$\mathcal{O}(1; \{12^4, 6^4, 4^4, 3, 2^{11}\})$	3133440
12	$\mathcal{O}(1; \{12^4, 6^4, 4^4, 3^4, 2^7\})$	25178112
12	$\mathcal{O}(1; \{12^4, 6^4, 4^4, 3^7, 2^3\})$	201314304
12	$\mathcal{O}(1; \{12^4, 6^4, 4^6, 3, 2^8\})$	12533760
12	$\mathcal{O}(1; \{12^4, 6^4, 4^6, 3^4, 2^4\})$	100712448
12	$\mathcal{O}(1; \{12^4, 6^4, 4^6, 3^7\})$	805257216
12	$\mathcal{O}(1; \{12^4, 6^4, 4^8, 3, 2^5\})$	50135040
12	$\mathcal{O}(1; \{12^4, 6^4, 4^8, 3^4, 2\})$	402849792
12	$\mathcal{O}(1; \{12^4, 6^4, 4^{10}, 3, 2^2\})$	200540160
12	$\mathcal{O}(1; \{12^4, 6^5, 3^2, 2^{14}\})$	785664
12	$\mathcal{O}(1; \{12^4, 6^5, 3^5, 2^{10}\})$	6292224
12	$\mathcal{O}(1; \{12^4, 6^5, 3^8, 2^6\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^5, 3^{11}, 2^2\})$	402653952
12	$\mathcal{O}(1; \{12^4, 6^5, 4^2, 3^2, 2^{11}\})$	3142656
12	$\mathcal{O}(1; \{12^4, 6^5, 4^2, 3^5, 2^7\})$	25168896
12	$\mathcal{O}(1; \{12^4, 6^5, 4^2, 3^8, 2^3\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6^5, 4^4, 3^2, 2^8\})$	12570624
12	$\mathcal{O}(1; \{12^4, 6^5, 4^4, 3^5, 2^4\})$	100675584
12	$\mathcal{O}(1; \{12^4, 6^5, 4^4, 3^8\})$	805294080
12	$\mathcal{O}(1; \{12^4, 6^5, 4^6, 3^2, 2^5\})$	50282496
12	$\mathcal{O}(1; \{12^4, 6^5, 4^6, 3^5, 2\})$	402702336
12	$\mathcal{O}(1; \{12^4, 6^5, 4^8, 3^2, 2^2\})$	201129984
12	$\mathcal{O}(1; \{12^4, 6^6, 2^{15}\})$	393984

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 6^6, 3^3, 2^{11}\})$	3144960
12	$\mathcal{O}(1; \{12^4, 6^6, 3^6, 2^7\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^6, 3^9, 2^3\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6^6, 4^2, 2^{12}\})$	1575936
12	$\mathcal{O}(1; \{12^4, 6^6, 4^2, 3^3, 2^8\})$	12579840
12	$\mathcal{O}(1; \{12^4, 6^6, 4^2, 3^6, 2^4\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^6, 4^2, 3^9\})$	805303296
12	$\mathcal{O}(1; \{12^4, 6^6, 4^4, 2^9\})$	6303744
12	$\mathcal{O}(1; \{12^4, 6^6, 4^4, 3^3, 2^5\})$	50319360
12	$\mathcal{O}(1; \{12^4, 6^6, 4^4, 3^6, 2\})$	402665472
12	$\mathcal{O}(1; \{12^4, 6^6, 4^6, 2^6\})$	25214976
12	$\mathcal{O}(1; \{12^4, 6^6, 4^6, 3^3, 2^2\})$	201277440
12	$\mathcal{O}(1; \{12^4, 6^6, 4^8, 2^3\})$	100859904
12	$\mathcal{O}(1; \{12^4, 6^6, 4^{10}\})$	403439616
12	$\mathcal{O}(1; \{12^4, 6^7, 3, 2^{12}\})$	1573632
12	$\mathcal{O}(1; \{12^4, 6^7, 3^4, 2^8\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6^7, 3^7, 2^4\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^7, 3^{10}\})$	805305600
12	$\mathcal{O}(1; \{12^4, 6^7, 4^2, 3, 2^9\})$	6294528
12	$\mathcal{O}(1; \{12^4, 6^7, 4^2, 3^4, 2^5\})$	50328576
12	$\mathcal{O}(1; \{12^4, 6^7, 4^2, 3^7, 2\})$	402656256
12	$\mathcal{O}(1; \{12^4, 6^7, 4^4, 3, 2^6\})$	25178112
12	$\mathcal{O}(1; \{12^4, 6^7, 4^4, 3^4, 2^2\})$	201314304
12	$\mathcal{O}(1; \{12^4, 6^7, 4^6, 3, 2^3\})$	100712448
12	$\mathcal{O}(1; \{12^4, 6^7, 4^8, 3\})$	402849792
12	$\mathcal{O}(1; \{12^4, 6^8, 3^2, 2^9\})$	6292224
12	$\mathcal{O}(1; \{12^4, 6^8, 3^5, 2^5\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^8, 3^8, 2\})$	402653952
12	$\mathcal{O}(1; \{12^4, 6^8, 4^2, 3^2, 2^6\})$	25168896
12	$\mathcal{O}(1; \{12^4, 6^8, 4^2, 3^5, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6^8, 4^4, 3^2, 2^3\})$	100675584
12	$\mathcal{O}(1; \{12^4, 6^8, 4^6, 3^2\})$	402702336
12	$\mathcal{O}(1; \{12^4, 6^9, 2^{10}\})$	3144960
12	$\mathcal{O}(1; \{12^4, 6^9, 3^3, 2^6\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^9, 3^6, 2^2\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6^9, 4^2, 2^7\})$	12579840
12	$\mathcal{O}(1; \{12^4, 6^9, 4^2, 3^3, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^9, 4^4, 2^4\})$	50319360
12	$\mathcal{O}(1; \{12^4, 6^9, 4^4, 3^3\})$	402665472
12	$\mathcal{O}(1; \{12^4, 6^9, 4^6, 2\})$	201277440
12	$\mathcal{O}(1; \{12^4, 6^{10}, 3, 2^7\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6^{10}, 3^4, 2^3\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^{10}, 4^2, 3, 2^4\})$	50328576

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 6^{10}, 4^2, 3^4\})$	402656256
12	$\mathcal{O}(1; \{12^4, 6^{10}, 4^4, 3, 2\})$	201314304
12	$\mathcal{O}(1; \{12^4, 6^{11}, 3^2, 2^4\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^{11}, 3^5\})$	402653952
12	$\mathcal{O}(1; \{12^4, 6^{11}, 4^2, 3^2, 2\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6^{12}, 2^5\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^{12}, 3^3, 2\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6^{12}, 4^2, 2^2\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^{13}, 3, 2^2\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^{15}\})$	201325824
12	$\mathcal{O}(1; \{12^5, 4, 3^2, 2^{19}\})$	193536
12	$\mathcal{O}(1; \{12^5, 4, 3^5, 2^{15}\})$	1575936
12	$\mathcal{O}(1; \{12^5, 4, 3^8, 2^{11}\})$	12579840
12	$\mathcal{O}(1; \{12^5, 4, 3^{11}, 2^7\})$	100666368
12	$\mathcal{O}(1; \{12^5, 4, 3^{14}, 2^3\})$	805303296
12	$\mathcal{O}(1; \{12^5, 4^3, 3^2, 2^{16}\})$	774144
12	$\mathcal{O}(1; \{12^5, 4^3, 3^5, 2^{12}\})$	6303744
12	$\mathcal{O}(1; \{12^5, 4^3, 3^8, 2^8\})$	50319360
12	$\mathcal{O}(1; \{12^5, 4^3, 3^{11}, 2^4\})$	402665472
12	$\mathcal{O}(1; \{12^5, 4^3, 3^{14}\})$	3221213184
12	$\mathcal{O}(1; \{12^5, 4^5, 3^2, 2^{13}\})$	3096576
12	$\mathcal{O}(1; \{12^5, 4^5, 3^5, 2^9\})$	25214976
12	$\mathcal{O}(1; \{12^5, 4^5, 3^8, 2^5\})$	201277440
12	$\mathcal{O}(1; \{12^5, 4^5, 3^{11}, 2\})$	1610661888
12	$\mathcal{O}(1; \{12^5, 4^7, 3^2, 2^{10}\})$	12386304
12	$\mathcal{O}(1; \{12^5, 4^7, 3^5, 2^6\})$	100859904
12	$\mathcal{O}(1; \{12^5, 4^7, 3^8, 2^2\})$	805109760
12	$\mathcal{O}(1; \{12^5, 4^9, 3^2, 2^7\})$	49545216
12	$\mathcal{O}(1; \{12^5, 4^9, 3^5, 2^3\})$	403439616
12	$\mathcal{O}(1; \{12^5, 4^{11}, 3^2, 2^4\})$	198180864
12	$\mathcal{O}(1; \{12^5, 4^{11}, 3^5\})$	1613758464
12	$\mathcal{O}(1; \{12^5, 4^{13}, 3^2, 2\})$	792723456
12	$\mathcal{O}(1; \{12^5, 6, 4, 2^{20}\})$	101376
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^3, 2^{16}\})$	783360
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^6, 2^{12}\})$	6294528
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^9, 2^8\})$	50328576
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^{12}, 2^4\})$	402656256
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^{15}\})$	3221222400
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 2^{17}\})$	405504
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^3, 2^{13}\})$	3133440
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^6, 2^9\})$	25178112
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^9, 2^5\})$	201314304
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^{12}, 2\})$	1610625024

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 2^{14}\})$	1622016
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 3^3, 2^{10}\})$	12533760
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 3^6, 2^6\})$	100712448
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 3^9, 2^2\})$	805257216
12	$\mathcal{O}(1; \{12^5, 6, 4^7, 2^{11}\})$	6488064
12	$\mathcal{O}(1; \{12^5, 6, 4^7, 3^3, 2^7\})$	50135040
12	$\mathcal{O}(1; \{12^5, 6, 4^7, 3^6, 2^3\})$	402849792
12	$\mathcal{O}(1; \{12^5, 6, 4^9, 2^8\})$	25952256
12	$\mathcal{O}(1; \{12^5, 6, 4^9, 3^3, 2^4\})$	200540160
12	$\mathcal{O}(1; \{12^5, 6, 4^9, 3^6\})$	1611399168
12	$\mathcal{O}(1; \{12^5, 6, 4^{11}, 2^5\})$	103809024
12	$\mathcal{O}(1; \{12^5, 6, 4^{11}, 3^3, 2\})$	802160640
12	$\mathcal{O}(1; \{12^5, 6, 4^{13}, 2^2\})$	415236096
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3, 2^{17}\})$	396288
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^4, 2^{13}\})$	3142656
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^7, 2^9\})$	25168896
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^{10}, 2^5\})$	201323520
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^{13}, 2\})$	1610615808
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3, 2^{14}\})$	1585152
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3^4, 2^{10}\})$	12570624
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3^7, 2^6\})$	100675584
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3^{10}, 2^2\})$	805294080
12	$\mathcal{O}(1; \{12^5, 6^2, 4^5, 3, 2^{11}\})$	6340608
12	$\mathcal{O}(1; \{12^5, 6^2, 4^5, 3^4, 2^7\})$	50282496
12	$\mathcal{O}(1; \{12^5, 6^2, 4^5, 3^7, 2^3\})$	402702336
12	$\mathcal{O}(1; \{12^5, 6^2, 4^7, 3, 2^8\})$	25362432
12	$\mathcal{O}(1; \{12^5, 6^2, 4^7, 3^4, 2^4\})$	201129984
12	$\mathcal{O}(1; \{12^5, 6^2, 4^7, 3^7\})$	1610809344
12	$\mathcal{O}(1; \{12^5, 6^2, 4^9, 3, 2^5\})$	101449728
12	$\mathcal{O}(1; \{12^5, 6^2, 4^9, 3^4, 2\})$	804519936
12	$\mathcal{O}(1; \{12^5, 6^2, 4^{11}, 3, 2^2\})$	405798912
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^2, 2^{14}\})$	1575936
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^5, 2^{10}\})$	12579840
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^8, 2^6\})$	100666368
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^{11}, 2^2\})$	805303296
12	$\mathcal{O}(1; \{12^5, 6^3, 4^3, 3^2, 2^{11}\})$	6303744
12	$\mathcal{O}(1; \{12^5, 6^3, 4^3, 3^5, 2^7\})$	50319360
12	$\mathcal{O}(1; \{12^5, 6^3, 4^3, 3^8, 2^3\})$	402665472
12	$\mathcal{O}(1; \{12^5, 6^3, 4^5, 3^2, 2^8\})$	25214976
12	$\mathcal{O}(1; \{12^5, 6^3, 4^5, 3^5, 2^4\})$	201277440
12	$\mathcal{O}(1; \{12^5, 6^3, 4^5, 3^8\})$	1610661888
12	$\mathcal{O}(1; \{12^5, 6^3, 4^7, 3^2, 2^5\})$	100859904
12	$\mathcal{O}(1; \{12^5, 6^3, 4^7, 3^5, 2\})$	805109760

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^5, 6^3, 4^9, 3^2, 2^2\})$	403439616
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 2^{15}\})$	783360
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 3^3, 2^{11}\})$	6294528
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 3^6, 2^7\})$	50328576
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 3^9, 2^3\})$	402656256
12	$\mathcal{O}(1; \{12^5, 6^4, 4^3, 2^{12}\})$	3133440
12	$\mathcal{O}(1; \{12^5, 6^4, 4^3, 3^3, 2^8\})$	25178112
12	$\mathcal{O}(1; \{12^5, 6^4, 4^3, 3^6, 2^4\})$	201314304
12	$\mathcal{O}(1; \{12^5, 6^4, 4^3, 3^9\})$	1610625024
12	$\mathcal{O}(1; \{12^5, 6^4, 4^5, 2^9\})$	12533760
12	$\mathcal{O}(1; \{12^5, 6^4, 4^5, 3^3, 2^5\})$	100712448
12	$\mathcal{O}(1; \{12^5, 6^4, 4^5, 3^6, 2\})$	805257216
12	$\mathcal{O}(1; \{12^5, 6^4, 4^7, 2^6\})$	50135040
12	$\mathcal{O}(1; \{12^5, 6^4, 4^7, 3^3, 2^2\})$	402849792
12	$\mathcal{O}(1; \{12^5, 6^4, 4^9, 2^3\})$	200540160
12	$\mathcal{O}(1; \{12^5, 6^4, 4^{11}\})$	802160640
12	$\mathcal{O}(1; \{12^5, 6^5, 4, 3, 2^{12}\})$	3142656
12	$\mathcal{O}(1; \{12^5, 6^5, 4, 3^4, 2^8\})$	25168896
12	$\mathcal{O}(1; \{12^5, 6^5, 4, 3^7, 2^4\})$	201323520
12	$\mathcal{O}(1; \{12^5, 6^5, 4, 3^{10}\})$	1610615808
12	$\mathcal{O}(1; \{12^5, 6^5, 4^3, 3, 2^9\})$	12570624
12	$\mathcal{O}(1; \{12^5, 6^5, 4^3, 3^4, 2^5\})$	100675584
12	$\mathcal{O}(1; \{12^5, 6^5, 4^3, 3^7, 2\})$	805294080
12	$\mathcal{O}(1; \{12^5, 6^5, 4^5, 3, 2^6\})$	50282496
12	$\mathcal{O}(1; \{12^5, 6^5, 4^5, 3^4, 2^2\})$	402702336
12	$\mathcal{O}(1; \{12^5, 6^5, 4^7, 3, 2^3\})$	201129984
12	$\mathcal{O}(1; \{12^5, 6^5, 4^9, 3\})$	804519936
12	$\mathcal{O}(1; \{12^5, 6^6, 4, 3^2, 2^9\})$	12579840
12	$\mathcal{O}(1; \{12^5, 6^6, 4, 3^5, 2^5\})$	100666368
12	$\mathcal{O}(1; \{12^5, 6^6, 4, 3^8, 2\})$	805303296
12	$\mathcal{O}(1; \{12^5, 6^6, 4^3, 3^2, 2^6\})$	50319360
12	$\mathcal{O}(1; \{12^5, 6^6, 4^3, 3^5, 2^2\})$	402665472
12	$\mathcal{O}(1; \{12^5, 6^6, 4^5, 3^2, 2^3\})$	201277440
12	$\mathcal{O}(1; \{12^5, 6^6, 4^7, 3^2\})$	805109760
12	$\mathcal{O}(1; \{12^5, 6^7, 4, 2^{10}\})$	6294528
12	$\mathcal{O}(1; \{12^5, 6^7, 4, 3^3, 2^6\})$	50328576
12	$\mathcal{O}(1; \{12^5, 6^7, 4, 3^6, 2^2\})$	402656256
12	$\mathcal{O}(1; \{12^5, 6^7, 4^3, 2^7\})$	25178112
12	$\mathcal{O}(1; \{12^5, 6^7, 4^3, 3^3, 2^3\})$	201314304
12	$\mathcal{O}(1; \{12^5, 6^7, 4^5, 2^4\})$	100712448
12	$\mathcal{O}(1; \{12^5, 6^7, 4^5, 3^3\})$	805257216
12	$\mathcal{O}(1; \{12^5, 6^7, 4^7, 2\})$	402849792
12	$\mathcal{O}(1; \{12^5, 6^8, 4, 3, 2^7\})$	25168896

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^5, 6^8, 4, 3^4, 2^3\})$	201323520
12	$\mathcal{O}(1; \{12^5, 6^8, 4^3, 3, 2^4\})$	100675584
12	$\mathcal{O}(1; \{12^5, 6^8, 4^3, 3^4\})$	805294080
12	$\mathcal{O}(1; \{12^5, 6^8, 4^5, 3, 2\})$	402702336
12	$\mathcal{O}(1; \{12^5, 6^9, 4, 3^2, 2^4\})$	100666368
12	$\mathcal{O}(1; \{12^5, 6^9, 4, 3^5\})$	805303296
12	$\mathcal{O}(1; \{12^5, 6^9, 4^3, 3^2, 2\})$	402665472
12	$\mathcal{O}(1; \{12^5, 6^{10}, 4, 2^5\})$	50328576
12	$\mathcal{O}(1; \{12^5, 6^{10}, 4, 3^3, 2\})$	402656256
12	$\mathcal{O}(1; \{12^5, 6^{10}, 4^3, 2^2\})$	201314304
12	$\mathcal{O}(1; \{12^5, 6^{11}, 4, 3, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12^5, 6^{13}, 4\})$	402656256
12	$\mathcal{O}(1; \{12^6, 3, 2^{20}\})$	193536
12	$\mathcal{O}(1; \{12^6, 3^4, 2^{16}\})$	1575936
12	$\mathcal{O}(1; \{12^6, 3^7, 2^{12}\})$	12579840
12	$\mathcal{O}(1; \{12^6, 3^{10}, 2^8\})$	100666368
12	$\mathcal{O}(1; \{12^6, 3^{13}, 2^4\})$	805303296
12	$\mathcal{O}(1; \{12^6, 3^{16}\})$	6442454016
12	$\mathcal{O}(1; \{12^6, 4^2, 3, 2^{17}\})$	774144
12	$\mathcal{O}(1; \{12^6, 4^2, 3^4, 2^{13}\})$	6303744
12	$\mathcal{O}(1; \{12^6, 4^2, 3^7, 2^9\})$	50319360
12	$\mathcal{O}(1; \{12^6, 4^2, 3^{10}, 2^5\})$	402665472
12	$\mathcal{O}(1; \{12^6, 4^2, 3^{13}, 2\})$	3221213184
12	$\mathcal{O}(1; \{12^6, 4^4, 3, 2^{14}\})$	3096576
12	$\mathcal{O}(1; \{12^6, 4^4, 3^4, 2^{10}\})$	25214976
12	$\mathcal{O}(1; \{12^6, 4^4, 3^7, 2^6\})$	201277440
12	$\mathcal{O}(1; \{12^6, 4^4, 3^{10}, 2^2\})$	1610661888
12	$\mathcal{O}(1; \{12^6, 4^6, 3, 2^{11}\})$	12386304
12	$\mathcal{O}(1; \{12^6, 4^6, 3^4, 2^7\})$	100859904
12	$\mathcal{O}(1; \{12^6, 4^6, 3^7, 2^3\})$	805109760
12	$\mathcal{O}(1; \{12^6, 4^8, 3, 2^8\})$	49545216
12	$\mathcal{O}(1; \{12^6, 4^8, 3^4, 2^4\})$	403439616
12	$\mathcal{O}(1; \{12^6, 4^8, 3^7\})$	3220439040
12	$\mathcal{O}(1; \{12^6, 4^{10}, 3, 2^5\})$	198180864
12	$\mathcal{O}(1; \{12^6, 4^{10}, 3^4, 2\})$	1613758464
12	$\mathcal{O}(1; \{12^6, 4^{12}, 3, 2^2\})$	792723456
12	$\mathcal{O}(1; \{12^6, 6, 3^2, 2^{17}\})$	783360
12	$\mathcal{O}(1; \{12^6, 6, 3^5, 2^{13}\})$	6294528
12	$\mathcal{O}(1; \{12^6, 6, 3^8, 2^9\})$	50328576
12	$\mathcal{O}(1; \{12^6, 6, 3^{11}, 2^5\})$	402656256
12	$\mathcal{O}(1; \{12^6, 6, 3^{14}, 2\})$	3221222400
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^2, 2^{14}\})$	3133440
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^5, 2^{10}\})$	25178112

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^8, 2^6\})$	201314304
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^{11}, 2^2\})$	1610625024
12	$\mathcal{O}(1; \{12^6, 6, 4^4, 3^2, 2^{11}\})$	12533760
12	$\mathcal{O}(1; \{12^6, 6, 4^4, 3^5, 2^7\})$	100712448
12	$\mathcal{O}(1; \{12^6, 6, 4^4, 3^8, 2^3\})$	805257216
12	$\mathcal{O}(1; \{12^6, 6, 4^6, 3^2, 2^8\})$	50135040
12	$\mathcal{O}(1; \{12^6, 6, 4^6, 3^5, 2^4\})$	402849792
12	$\mathcal{O}(1; \{12^6, 6, 4^6, 3^8\})$	3221028864
12	$\mathcal{O}(1; \{12^6, 6, 4^8, 3^2, 2^5\})$	200540160
12	$\mathcal{O}(1; \{12^6, 6, 4^8, 3^5, 2\})$	1611399168
12	$\mathcal{O}(1; \{12^6, 6, 4^{10}, 3^2, 2^2\})$	802160640
12	$\mathcal{O}(1; \{12^6, 6^2, 2^{18}\})$	396288
12	$\mathcal{O}(1; \{12^6, 6^2, 3^3, 2^{14}\})$	3142656
12	$\mathcal{O}(1; \{12^6, 6^2, 3^6, 2^{10}\})$	25168896
12	$\mathcal{O}(1; \{12^6, 6^2, 3^9, 2^6\})$	201323520
12	$\mathcal{O}(1; \{12^6, 6^2, 3^{12}, 2^2\})$	1610615808
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 2^{15}\})$	1585152
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 3^3, 2^{11}\})$	12570624
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 3^6, 2^7\})$	100675584
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 3^9, 2^3\})$	805294080
12	$\mathcal{O}(1; \{12^6, 6^2, 4^4, 2^{12}\})$	6340608
12	$\mathcal{O}(1; \{12^6, 6^2, 4^4, 3^3, 2^8\})$	50282496
12	$\mathcal{O}(1; \{12^6, 6^2, 4^4, 3^6, 2^4\})$	402702336
12	$\mathcal{O}(1; \{12^6, 6^2, 4^4, 3^9\})$	3221176320
12	$\mathcal{O}(1; \{12^6, 6^2, 4^6, 2^9\})$	25362432
12	$\mathcal{O}(1; \{12^6, 6^2, 4^6, 3^3, 2^5\})$	201129984
12	$\mathcal{O}(1; \{12^6, 6^2, 4^6, 3^6, 2\})$	1610809344
12	$\mathcal{O}(1; \{12^6, 6^2, 4^8, 2^6\})$	101449728
12	$\mathcal{O}(1; \{12^6, 6^2, 4^8, 3^3, 2^2\})$	804519936
12	$\mathcal{O}(1; \{12^6, 6^2, 4^{10}, 2^3\})$	405798912
12	$\mathcal{O}(1; \{12^6, 6^2, 4^{12}\})$	1623195648
12	$\mathcal{O}(1; \{12^6, 6^3, 3, 2^{15}\})$	1575936
12	$\mathcal{O}(1; \{12^6, 6^3, 3^4, 2^{11}\})$	12579840
12	$\mathcal{O}(1; \{12^6, 6^3, 3^7, 2^7\})$	100666368
12	$\mathcal{O}(1; \{12^6, 6^3, 3^{10}, 2^3\})$	805303296
12	$\mathcal{O}(1; \{12^6, 6^3, 4^2, 3, 2^{12}\})$	6303744
12	$\mathcal{O}(1; \{12^6, 6^3, 4^2, 3^4, 2^8\})$	50319360
12	$\mathcal{O}(1; \{12^6, 6^3, 4^2, 3^7, 2^4\})$	402665472
12	$\mathcal{O}(1; \{12^6, 6^3, 4^2, 3^{10}\})$	3221213184
12	$\mathcal{O}(1; \{12^6, 6^3, 4^4, 3, 2^9\})$	25214976
12	$\mathcal{O}(1; \{12^6, 6^3, 4^4, 3^4, 2^5\})$	201277440
12	$\mathcal{O}(1; \{12^6, 6^3, 4^4, 3^7, 2\})$	1610661888
12	$\mathcal{O}(1; \{12^6, 6^3, 4^6, 3, 2^6\})$	100859904

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^6, 6^3, 4^6, 3^4, 2^2\})$	805109760
12	$\mathcal{O}(1; \{12^6, 6^3, 4^8, 3, 2^3\})$	403439616
12	$\mathcal{O}(1; \{12^6, 6^3, 4^{10}, 3\})$	1613758464
12	$\mathcal{O}(1; \{12^6, 6^4, 3^2, 2^{12}\})$	6294528
12	$\mathcal{O}(1; \{12^6, 6^4, 3^5, 2^8\})$	50328576
12	$\mathcal{O}(1; \{12^6, 6^4, 3^8, 2^4\})$	402656256
12	$\mathcal{O}(1; \{12^6, 6^4, 3^{11}\})$	3221222400
12	$\mathcal{O}(1; \{12^6, 6^4, 4^2, 3^2, 2^9\})$	25178112
12	$\mathcal{O}(1; \{12^6, 6^4, 4^2, 3^5, 2^5\})$	201314304
12	$\mathcal{O}(1; \{12^6, 6^4, 4^2, 3^8, 2\})$	1610625024
12	$\mathcal{O}(1; \{12^6, 6^4, 4^4, 3^2, 2^6\})$	100712448
12	$\mathcal{O}(1; \{12^6, 6^4, 4^4, 3^5, 2^2\})$	805257216
12	$\mathcal{O}(1; \{12^6, 6^4, 4^6, 3^2, 2^3\})$	402849792
12	$\mathcal{O}(1; \{12^6, 6^4, 4^8, 3^2\})$	1611399168
12	$\mathcal{O}(1; \{12^6, 6^5, 2^{13}\})$	3142656
12	$\mathcal{O}(1; \{12^6, 6^5, 3^3, 2^9\})$	25168896
12	$\mathcal{O}(1; \{12^6, 6^5, 3^6, 2^5\})$	201323520
12	$\mathcal{O}(1; \{12^6, 6^5, 3^9, 2\})$	1610615808
12	$\mathcal{O}(1; \{12^6, 6^5, 4^2, 2^{10}\})$	12570624
12	$\mathcal{O}(1; \{12^6, 6^5, 4^2, 3^3, 2^6\})$	100675584
12	$\mathcal{O}(1; \{12^6, 6^5, 4^2, 3^6, 2^2\})$	805294080
12	$\mathcal{O}(1; \{12^6, 6^5, 4^4, 2^7\})$	50282496
12	$\mathcal{O}(1; \{12^6, 6^5, 4^4, 3^3, 2^3\})$	402702336
12	$\mathcal{O}(1; \{12^6, 6^5, 4^6, 2^4\})$	201129984
12	$\mathcal{O}(1; \{12^6, 6^5, 4^6, 3^3\})$	1610809344
12	$\mathcal{O}(1; \{12^6, 6^5, 4^8, 2\})$	804519936
12	$\mathcal{O}(1; \{12^6, 6^6, 3, 2^{10}\})$	12579840
12	$\mathcal{O}(1; \{12^6, 6^6, 3^4, 2^6\})$	100666368
12	$\mathcal{O}(1; \{12^6, 6^6, 3^7, 2^2\})$	805303296
12	$\mathcal{O}(1; \{12^6, 6^6, 4^2, 3, 2^7\})$	50319360
12	$\mathcal{O}(1; \{12^6, 6^6, 4^2, 3^4, 2^3\})$	402665472
12	$\mathcal{O}(1; \{12^6, 6^6, 4^4, 3, 2^4\})$	201277440
12	$\mathcal{O}(1; \{12^6, 6^6, 4^4, 3^4\})$	1610661888
12	$\mathcal{O}(1; \{12^6, 6^6, 4^6, 3, 2\})$	805109760
12	$\mathcal{O}(1; \{12^6, 6^7, 3^2, 2^7\})$	50328576
12	$\mathcal{O}(1; \{12^6, 6^7, 3^5, 2^3\})$	402656256
12	$\mathcal{O}(1; \{12^6, 6^7, 4^2, 3^2, 2^4\})$	201314304
12	$\mathcal{O}(1; \{12^6, 6^7, 4^2, 3^5\})$	1610625024
12	$\mathcal{O}(1; \{12^6, 6^7, 4^4, 3^2, 2\})$	805257216
12	$\mathcal{O}(1; \{12^6, 6^8, 2^8\})$	25168896
12	$\mathcal{O}(1; \{12^6, 6^8, 3^3, 2^4\})$	201323520
12	$\mathcal{O}(1; \{12^6, 6^8, 3^6\})$	1610615808
12	$\mathcal{O}(1; \{12^6, 6^8, 4^2, 2^5\})$	100675584

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^6, 6^8, 4^2, 3^3, 2\})$	805294080
12	$\mathcal{O}(1; \{12^6, 6^8, 4^4, 2^2\})$	402702336
12	$\mathcal{O}(1; \{12^6, 6^9, 3, 2^5\})$	100666368
12	$\mathcal{O}(1; \{12^6, 6^9, 3^4, 2\})$	805303296
12	$\mathcal{O}(1; \{12^6, 6^9, 4^2, 3, 2^2\})$	402665472
12	$\mathcal{O}(1; \{12^6, 6^{10}, 3^2, 2^2\})$	402656256
12	$\mathcal{O}(1; \{12^6, 6^{11}, 2^3\})$	201323520
12	$\mathcal{O}(1; \{12^6, 6^{11}, 4^2\})$	805294080
12	$\mathcal{O}(1; \{12^6, 6^{12}, 3\})$	805303296
12	$\mathcal{O}(1; \{12^7, 4, 2^{18}\})$	774144
12	$\mathcal{O}(1; \{12^7, 4, 3^3, 2^{14}\})$	6303744
12	$\mathcal{O}(1; \{12^7, 4, 3^6, 2^{10}\})$	50319360
12	$\mathcal{O}(1; \{12^7, 4, 3^9, 2^6\})$	402665472
12	$\mathcal{O}(1; \{12^7, 4, 3^{12}, 2^2\})$	3221213184
12	$\mathcal{O}(1; \{12^7, 4^3, 2^{15}\})$	3096576
12	$\mathcal{O}(1; \{12^7, 4^3, 3^3, 2^{11}\})$	25214976
12	$\mathcal{O}(1; \{12^7, 4^3, 3^6, 2^7\})$	201277440
12	$\mathcal{O}(1; \{12^7, 4^3, 3^9, 2^3\})$	1610661888
12	$\mathcal{O}(1; \{12^7, 4^5, 2^{12}\})$	12386304
12	$\mathcal{O}(1; \{12^7, 4^5, 3^3, 2^8\})$	100859904
12	$\mathcal{O}(1; \{12^7, 4^5, 3^6, 2^4\})$	805109760
12	$\mathcal{O}(1; \{12^7, 4^5, 3^9\})$	6442647552
12	$\mathcal{O}(1; \{12^7, 4^7, 2^9\})$	49545216
12	$\mathcal{O}(1; \{12^7, 4^7, 3^3, 2^5\})$	403439616
12	$\mathcal{O}(1; \{12^7, 4^7, 3^6, 2\})$	3220439040
12	$\mathcal{O}(1; \{12^7, 4^9, 2^6\})$	198180864
12	$\mathcal{O}(1; \{12^7, 4^9, 3^3, 2^2\})$	1613758464
12	$\mathcal{O}(1; \{12^7, 4^{11}, 2^3\})$	792723456
12	$\mathcal{O}(1; \{12^7, 4^{13}\})$	3170893824
12	$\mathcal{O}(1; \{12^7, 6, 4, 3, 2^{15}\})$	3133440
12	$\mathcal{O}(1; \{12^7, 6, 4, 3^4, 2^{11}\})$	25178112
12	$\mathcal{O}(1; \{12^7, 6, 4, 3^7, 2^7\})$	201314304
12	$\mathcal{O}(1; \{12^7, 6, 4, 3^{10}, 2^3\})$	1610625024
12	$\mathcal{O}(1; \{12^7, 6, 4^3, 3, 2^{12}\})$	12533760
12	$\mathcal{O}(1; \{12^7, 6, 4^3, 3^4, 2^8\})$	100712448
12	$\mathcal{O}(1; \{12^7, 6, 4^3, 3^7, 2^4\})$	805257216
12	$\mathcal{O}(1; \{12^7, 6, 4^3, 3^{10}\})$	6442500096
12	$\mathcal{O}(1; \{12^7, 6, 4^5, 3, 2^9\})$	50135040
12	$\mathcal{O}(1; \{12^7, 6, 4^5, 3^4, 2^5\})$	402849792
12	$\mathcal{O}(1; \{12^7, 6, 4^5, 3^7, 2\})$	3221028864
12	$\mathcal{O}(1; \{12^7, 6, 4^7, 3, 2^6\})$	200540160
12	$\mathcal{O}(1; \{12^7, 6, 4^7, 3^4, 2^2\})$	1611399168
12	$\mathcal{O}(1; \{12^7, 6, 4^9, 3, 2^3\})$	802160640

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^7, 6, 4^{11}, 3\})$	3208642560
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 3^2, 2^{12}\})$	12570624
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 3^5, 2^8\})$	100675584
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 3^8, 2^4\})$	805294080
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 3^{11}\})$	6442463232
12	$\mathcal{O}(1; \{12^7, 6^2, 4^3, 3^2, 2^9\})$	50282496
12	$\mathcal{O}(1; \{12^7, 6^2, 4^3, 3^5, 2^5\})$	402702336
12	$\mathcal{O}(1; \{12^7, 6^2, 4^3, 3^8, 2\})$	3221176320
12	$\mathcal{O}(1; \{12^7, 6^2, 4^5, 3^2, 2^6\})$	201129984
12	$\mathcal{O}(1; \{12^7, 6^2, 4^5, 3^5, 2^2\})$	1610809344
12	$\mathcal{O}(1; \{12^7, 6^2, 4^7, 3^2, 2^3\})$	804519936
12	$\mathcal{O}(1; \{12^7, 6^2, 4^9, 3^2\})$	3218079744
12	$\mathcal{O}(1; \{12^7, 6^3, 4, 2^{13}\})$	6303744
12	$\mathcal{O}(1; \{12^7, 6^3, 4, 3^3, 2^9\})$	50319360
12	$\mathcal{O}(1; \{12^7, 6^3, 4, 3^6, 2^5\})$	402665472
12	$\mathcal{O}(1; \{12^7, 6^3, 4, 3^9, 2\})$	3221213184
12	$\mathcal{O}(1; \{12^7, 6^3, 4^3, 2^{10}\})$	25214976
12	$\mathcal{O}(1; \{12^7, 6^3, 4^3, 3^3, 2^6\})$	201277440
12	$\mathcal{O}(1; \{12^7, 6^3, 4^3, 3^6, 2^2\})$	1610661888
12	$\mathcal{O}(1; \{12^7, 6^3, 4^5, 2^7\})$	100859904
12	$\mathcal{O}(1; \{12^7, 6^3, 4^5, 3^3, 2^3\})$	805109760
12	$\mathcal{O}(1; \{12^7, 6^3, 4^7, 2^4\})$	403439616
12	$\mathcal{O}(1; \{12^7, 6^3, 4^7, 3^3\})$	3220439040
12	$\mathcal{O}(1; \{12^7, 6^3, 4^9, 2\})$	1613758464
12	$\mathcal{O}(1; \{12^7, 6^4, 4, 3, 2^{10}\})$	25178112
12	$\mathcal{O}(1; \{12^7, 6^4, 4, 3^4, 2^6\})$	201314304
12	$\mathcal{O}(1; \{12^7, 6^4, 4, 3^7, 2^2\})$	1610625024
12	$\mathcal{O}(1; \{12^7, 6^4, 4^3, 3, 2^7\})$	100712448
12	$\mathcal{O}(1; \{12^7, 6^4, 4^3, 3^4, 2^3\})$	805257216
12	$\mathcal{O}(1; \{12^7, 6^4, 4^5, 3, 2^4\})$	402849792
12	$\mathcal{O}(1; \{12^7, 6^4, 4^5, 3^4\})$	3221028864
12	$\mathcal{O}(1; \{12^7, 6^4, 4^7, 3, 2\})$	1611399168
12	$\mathcal{O}(1; \{12^7, 6^5, 4, 3^2, 2^7\})$	100675584
12	$\mathcal{O}(1; \{12^7, 6^5, 4, 3^5, 2^3\})$	805294080
12	$\mathcal{O}(1; \{12^7, 6^5, 4^3, 3^2, 2^4\})$	402702336
12	$\mathcal{O}(1; \{12^7, 6^5, 4^3, 3^5\})$	3221176320
12	$\mathcal{O}(1; \{12^7, 6^5, 4^5, 3^2, 2\})$	1610809344
12	$\mathcal{O}(1; \{12^7, 6^6, 4, 2^8\})$	50319360
12	$\mathcal{O}(1; \{12^7, 6^6, 4, 3^3, 2^4\})$	402665472
12	$\mathcal{O}(1; \{12^7, 6^6, 4, 3^6\})$	3221213184
12	$\mathcal{O}(1; \{12^7, 6^6, 4^3, 2^5\})$	201277440
12	$\mathcal{O}(1; \{12^7, 6^6, 4^3, 3^3, 2\})$	1610661888
12	$\mathcal{O}(1; \{12^7, 6^6, 4^5, 2^2\})$	805109760

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^7, 6^7, 4, 3, 2^5\})$	201314304
12	$\mathcal{O}(1; \{12^7, 6^7, 4, 3^4, 2\})$	1610625024
12	$\mathcal{O}(1; \{12^7, 6^7, 4^3, 3, 2^2\})$	805257216
12	$\mathcal{O}(1; \{12^7, 6^8, 4, 3^2, 2^2\})$	805294080
12	$\mathcal{O}(1; \{12^7, 6^9, 4, 2^3\})$	402665472
12	$\mathcal{O}(1; \{12^7, 6^9, 4^3\})$	1610661888
12	$\mathcal{O}(1; \{12^7, 6^{10}, 4, 3\})$	1610625024
12	$\mathcal{O}(1; \{12^8, 3^2, 2^{15}\})$	6303744
12	$\mathcal{O}(1; \{12^8, 3^5, 2^{11}\})$	50319360
12	$\mathcal{O}(1; \{12^8, 3^8, 2^7\})$	402665472
12	$\mathcal{O}(1; \{12^8, 3^{11}, 2^3\})$	3221213184
12	$\mathcal{O}(1; \{12^8, 4^2, 3^2, 2^{12}\})$	25214976
12	$\mathcal{O}(1; \{12^8, 4^2, 3^5, 2^8\})$	201277440
12	$\mathcal{O}(1; \{12^8, 4^2, 3^8, 2^4\})$	1610661888
12	$\mathcal{O}(1; \{12^8, 4^2, 3^{11}\})$	12884852736
12	$\mathcal{O}(1; \{12^8, 4^4, 3^2, 2^9\})$	100859904
12	$\mathcal{O}(1; \{12^8, 4^4, 3^5, 2^5\})$	805109760
12	$\mathcal{O}(1; \{12^8, 4^4, 3^8, 2\})$	6442647552
12	$\mathcal{O}(1; \{12^8, 4^6, 3^2, 2^6\})$	403439616
12	$\mathcal{O}(1; \{12^8, 4^6, 3^5, 2^2\})$	3220439040
12	$\mathcal{O}(1; \{12^8, 4^8, 3^2, 2^3\})$	1613758464
12	$\mathcal{O}(1; \{12^8, 4^{10}, 3^2\})$	6455033856
12	$\mathcal{O}(1; \{12^8, 6, 2^{16}\})$	3133440
12	$\mathcal{O}(1; \{12^8, 6, 3^3, 2^{12}\})$	25178112
12	$\mathcal{O}(1; \{12^8, 6, 3^6, 2^8\})$	201314304
12	$\mathcal{O}(1; \{12^8, 6, 3^9, 2^4\})$	1610625024
12	$\mathcal{O}(1; \{12^8, 6, 3^{12}\})$	12884889600
12	$\mathcal{O}(1; \{12^8, 6, 4^2, 2^{13}\})$	12533760
12	$\mathcal{O}(1; \{12^8, 6, 4^2, 3^3, 2^9\})$	100712448
12	$\mathcal{O}(1; \{12^8, 6, 4^2, 3^6, 2^5\})$	805257216
12	$\mathcal{O}(1; \{12^8, 6, 4^2, 3^9, 2\})$	6442500096
12	$\mathcal{O}(1; \{12^8, 6, 4^4, 2^{10}\})$	50135040
12	$\mathcal{O}(1; \{12^8, 6, 4^4, 3^3, 2^6\})$	402849792
12	$\mathcal{O}(1; \{12^8, 6, 4^4, 3^6, 2^2\})$	3221028864
12	$\mathcal{O}(1; \{12^8, 6, 4^6, 2^7\})$	200540160
12	$\mathcal{O}(1; \{12^8, 6, 4^6, 3^3, 2^3\})$	1611399168
12	$\mathcal{O}(1; \{12^8, 6, 4^8, 2^4\})$	802160640
12	$\mathcal{O}(1; \{12^8, 6, 4^8, 3^3\})$	6445596672
12	$\mathcal{O}(1; \{12^8, 6, 4^{10}, 2\})$	3208642560
12	$\mathcal{O}(1; \{12^8, 6^2, 3, 2^{13}\})$	12570624
12	$\mathcal{O}(1; \{12^8, 6^2, 3^4, 2^9\})$	100675584
12	$\mathcal{O}(1; \{12^8, 6^2, 3^7, 2^5\})$	805294080
12	$\mathcal{O}(1; \{12^8, 6^2, 3^{10}, 2\})$	6442463232

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^8, 6^2, 4^2, 3, 2^{10}\})$	50282496
12	$\mathcal{O}(1; \{12^8, 6^2, 4^2, 3^4, 2^6\})$	402702336
12	$\mathcal{O}(1; \{12^8, 6^2, 4^2, 3^7, 2^2\})$	3221176320
12	$\mathcal{O}(1; \{12^8, 6^2, 4^4, 3, 2^7\})$	201129984
12	$\mathcal{O}(1; \{12^8, 6^2, 4^4, 3^4, 2^3\})$	1610809344
12	$\mathcal{O}(1; \{12^8, 6^2, 4^6, 3, 2^4\})$	804519936
12	$\mathcal{O}(1; \{12^8, 6^2, 4^6, 3^4\})$	6443237376
12	$\mathcal{O}(1; \{12^8, 6^2, 4^8, 3, 2\})$	3218079744
12	$\mathcal{O}(1; \{12^8, 6^3, 3^2, 2^{10}\})$	50319360
12	$\mathcal{O}(1; \{12^8, 6^3, 3^5, 2^6\})$	402665472
12	$\mathcal{O}(1; \{12^8, 6^3, 3^8, 2^2\})$	3221213184
12	$\mathcal{O}(1; \{12^8, 6^3, 4^2, 3^2, 2^7\})$	201277440
12	$\mathcal{O}(1; \{12^8, 6^3, 4^2, 3^5, 2^3\})$	1610661888
12	$\mathcal{O}(1; \{12^8, 6^3, 4^4, 3^2, 2^4\})$	805109760
12	$\mathcal{O}(1; \{12^8, 6^3, 4^4, 3^5\})$	6442647552
12	$\mathcal{O}(1; \{12^8, 6^3, 4^6, 3^2, 2\})$	3220439040
12	$\mathcal{O}(1; \{12^8, 6^4, 2^{11}\})$	25178112
12	$\mathcal{O}(1; \{12^8, 6^4, 3^3, 2^7\})$	201314304
12	$\mathcal{O}(1; \{12^8, 6^4, 3^6, 2^3\})$	1610625024
12	$\mathcal{O}(1; \{12^8, 6^4, 4^2, 2^8\})$	100712448
12	$\mathcal{O}(1; \{12^8, 6^4, 4^2, 3^3, 2^4\})$	805257216
12	$\mathcal{O}(1; \{12^8, 6^4, 4^2, 3^6\})$	6442500096
12	$\mathcal{O}(1; \{12^8, 6^4, 4^4, 2^5\})$	402849792
12	$\mathcal{O}(1; \{12^8, 6^4, 4^4, 3^3, 2\})$	3221028864
12	$\mathcal{O}(1; \{12^8, 6^4, 4^6, 2^2\})$	1611399168
12	$\mathcal{O}(1; \{12^8, 6^5, 3, 2^8\})$	100675584
12	$\mathcal{O}(1; \{12^8, 6^5, 3^4, 2^4\})$	805294080
12	$\mathcal{O}(1; \{12^8, 6^5, 3^7\})$	6442463232
12	$\mathcal{O}(1; \{12^8, 6^5, 4^2, 3, 2^5\})$	402702336
12	$\mathcal{O}(1; \{12^8, 6^5, 4^2, 3^4, 2\})$	3221176320
12	$\mathcal{O}(1; \{12^8, 6^5, 4^4, 3, 2^2\})$	1610809344
12	$\mathcal{O}(1; \{12^8, 6^6, 3^2, 2^5\})$	402665472
12	$\mathcal{O}(1; \{12^8, 6^6, 3^5, 2\})$	3221213184
12	$\mathcal{O}(1; \{12^8, 6^6, 4^2, 3^2, 2^2\})$	1610661888
12	$\mathcal{O}(1; \{12^8, 6^7, 2^6\})$	201314304
12	$\mathcal{O}(1; \{12^8, 6^7, 3^3, 2^2\})$	1610625024
12	$\mathcal{O}(1; \{12^8, 6^7, 4^2, 2^3\})$	805257216
12	$\mathcal{O}(1; \{12^8, 6^7, 4^4\})$	3221028864
12	$\mathcal{O}(1; \{12^8, 6^8, 3, 2^3\})$	805294080
12	$\mathcal{O}(1; \{12^8, 6^8, 4^2, 3\})$	3221176320
12	$\mathcal{O}(1; \{12^8, 6^9, 3^2\})$	3221213184
12	$\mathcal{O}(1; \{12^8, 6^{10}, 2\})$	1610625024
12	$\mathcal{O}(1; \{12^9, 4, 3, 2^{13}\})$	25214976

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^9, 4, 3^4, 2^9\})$	201277440
12	$\mathcal{O}(1; \{12^9, 4, 3^7, 2^5\})$	1610661888
12	$\mathcal{O}(1; \{12^9, 4, 3^{10}, 2\})$	12884852736
12	$\mathcal{O}(1; \{12^9, 4^3, 3, 2^{10}\})$	100859904
12	$\mathcal{O}(1; \{12^9, 4^3, 3^4, 2^6\})$	805109760
12	$\mathcal{O}(1; \{12^9, 4^3, 3^7, 2^2\})$	6442647552
12	$\mathcal{O}(1; \{12^9, 4^5, 3, 2^7\})$	403439616
12	$\mathcal{O}(1; \{12^9, 4^5, 3^4, 2^3\})$	3220439040
12	$\mathcal{O}(1; \{12^9, 4^7, 3, 2^4\})$	1613758464
12	$\mathcal{O}(1; \{12^9, 4^7, 3^4\})$	12881756160
12	$\mathcal{O}(1; \{12^9, 4^9, 3, 2\})$	6455033856
12	$\mathcal{O}(1; \{12^9, 6, 4, 3^2, 2^{10}\})$	100712448
12	$\mathcal{O}(1; \{12^9, 6, 4, 3^5, 2^6\})$	805257216
12	$\mathcal{O}(1; \{12^9, 6, 4, 3^8, 2^2\})$	6442500096
12	$\mathcal{O}(1; \{12^9, 6, 4^3, 3^2, 2^7\})$	402849792
12	$\mathcal{O}(1; \{12^9, 6, 4^3, 3^5, 2^3\})$	3221028864
12	$\mathcal{O}(1; \{12^9, 6, 4^5, 3^2, 2^4\})$	1611399168
12	$\mathcal{O}(1; \{12^9, 6, 4^5, 3^5\})$	12884115456
12	$\mathcal{O}(1; \{12^9, 6, 4^7, 3^2, 2\})$	6445596672
12	$\mathcal{O}(1; \{12^9, 6^2, 4, 2^{11}\})$	50282496
12	$\mathcal{O}(1; \{12^9, 6^2, 4, 3^3, 2^7\})$	402702336
12	$\mathcal{O}(1; \{12^9, 6^2, 4, 3^6, 2^3\})$	3221176320
12	$\mathcal{O}(1; \{12^9, 6^2, 4^3, 2^8\})$	201129984
12	$\mathcal{O}(1; \{12^9, 6^2, 4^3, 3^3, 2^4\})$	1610809344
12	$\mathcal{O}(1; \{12^9, 6^2, 4^3, 3^6\})$	12884705280
12	$\mathcal{O}(1; \{12^9, 6^2, 4^5, 2^5\})$	804519936
12	$\mathcal{O}(1; \{12^9, 6^2, 4^5, 3^3, 2\})$	6443237376
12	$\mathcal{O}(1; \{12^9, 6^2, 4^7, 2^2\})$	3218079744
12	$\mathcal{O}(1; \{12^9, 6^3, 4, 3, 2^8\})$	201277440
12	$\mathcal{O}(1; \{12^9, 6^3, 4, 3^4, 2^4\})$	1610661888
12	$\mathcal{O}(1; \{12^9, 6^3, 4, 3^7\})$	12884852736
12	$\mathcal{O}(1; \{12^9, 6^3, 4^3, 3, 2^5\})$	805109760
12	$\mathcal{O}(1; \{12^9, 6^3, 4^3, 3^4, 2\})$	6442647552
12	$\mathcal{O}(1; \{12^9, 6^3, 4^5, 3, 2^2\})$	3220439040
12	$\mathcal{O}(1; \{12^9, 6^4, 4, 3^2, 2^5\})$	805257216
12	$\mathcal{O}(1; \{12^9, 6^4, 4, 3^5, 2\})$	6442500096
12	$\mathcal{O}(1; \{12^9, 6^4, 4^3, 3^2, 2^2\})$	3221028864
12	$\mathcal{O}(1; \{12^9, 6^5, 4, 2^6\})$	402702336
12	$\mathcal{O}(1; \{12^9, 6^5, 4, 3^3, 2^2\})$	3221176320
12	$\mathcal{O}(1; \{12^9, 6^5, 4^3, 2^3\})$	1610809344
12	$\mathcal{O}(1; \{12^9, 6^5, 4^5\})$	6443237376
12	$\mathcal{O}(1; \{12^9, 6^6, 4, 3, 2^3\})$	1610661888
12	$\mathcal{O}(1; \{12^9, 6^6, 4^3, 3\})$	6442647552

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^9, 6^7, 4, 3^2\})$	6442500096
12	$\mathcal{O}(1; \{12^9, 6^8, 4, 2\})$	3221176320
12	$\mathcal{O}(1; \{12^{10}, 2^{14}\})$	25214976
12	$\mathcal{O}(1; \{12^{10}, 3^3, 2^{10}\})$	201277440
12	$\mathcal{O}(1; \{12^{10}, 3^6, 2^6\})$	1610661888
12	$\mathcal{O}(1; \{12^{10}, 3^9, 2^2\})$	12884852736
12	$\mathcal{O}(1; \{12^{10}, 4^2, 2^{11}\})$	100859904
12	$\mathcal{O}(1; \{12^{10}, 4^2, 3^3, 2^7\})$	805109760
12	$\mathcal{O}(1; \{12^{10}, 4^2, 3^6, 2^3\})$	6442647552
12	$\mathcal{O}(1; \{12^{10}, 4^4, 2^8\})$	403439616
12	$\mathcal{O}(1; \{12^{10}, 4^4, 3^3, 2^4\})$	3220439040
12	$\mathcal{O}(1; \{12^{10}, 4^4, 3^6\})$	25770590208
12	$\mathcal{O}(1; \{12^{10}, 4^6, 2^5\})$	1613758464
12	$\mathcal{O}(1; \{12^{10}, 4^6, 3^3, 2\})$	12881756160
12	$\mathcal{O}(1; \{12^{10}, 4^8, 2^2\})$	6455033856
12	$\mathcal{O}(1; \{12^{10}, 6, 3, 2^{11}\})$	100712448
12	$\mathcal{O}(1; \{12^{10}, 6, 3^4, 2^7\})$	805257216
12	$\mathcal{O}(1; \{12^{10}, 6, 3^7, 2^3\})$	6442500096
12	$\mathcal{O}(1; \{12^{10}, 6, 4^2, 3, 2^8\})$	402849792
12	$\mathcal{O}(1; \{12^{10}, 6, 4^2, 3^4, 2^4\})$	3221028864
12	$\mathcal{O}(1; \{12^{10}, 6, 4^2, 3^7\})$	25770000384
12	$\mathcal{O}(1; \{12^{10}, 6, 4^4, 3, 2^5\})$	1611399168
12	$\mathcal{O}(1; \{12^{10}, 6, 4^4, 3^4, 2\})$	12884115456
12	$\mathcal{O}(1; \{12^{10}, 6, 4^6, 3, 2^2\})$	6445596672
12	$\mathcal{O}(1; \{12^{10}, 6^2, 3^2, 2^8\})$	402702336
12	$\mathcal{O}(1; \{12^{10}, 6^2, 3^5, 2^4\})$	3221176320
12	$\mathcal{O}(1; \{12^{10}, 6^2, 3^8\})$	25769852928
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^2, 3^2, 2^5\})$	1610809344
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^2, 3^5, 2\})$	12884705280
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^4, 3^2, 2^2\})$	6443237376
12	$\mathcal{O}(1; \{12^{10}, 6^3, 2^9\})$	201277440
12	$\mathcal{O}(1; \{12^{10}, 6^3, 3^3, 2^5\})$	1610661888
12	$\mathcal{O}(1; \{12^{10}, 6^3, 3^6, 2\})$	12884852736
12	$\mathcal{O}(1; \{12^{10}, 6^3, 4^2, 2^6\})$	805109760
12	$\mathcal{O}(1; \{12^{10}, 6^3, 4^2, 3^3, 2^2\})$	6442647552
12	$\mathcal{O}(1; \{12^{10}, 6^3, 4^4, 2^3\})$	3220439040
12	$\mathcal{O}(1; \{12^{10}, 6^3, 4^6\})$	12881756160
12	$\mathcal{O}(1; \{12^{10}, 6^4, 3, 2^6\})$	805257216
12	$\mathcal{O}(1; \{12^{10}, 6^4, 3^4, 2^2\})$	6442500096
12	$\mathcal{O}(1; \{12^{10}, 6^4, 4^2, 3, 2^3\})$	3221028864
12	$\mathcal{O}(1; \{12^{10}, 6^4, 4^4, 3\})$	12884115456
12	$\mathcal{O}(1; \{12^{10}, 6^5, 3^2, 2^3\})$	3221176320
12	$\mathcal{O}(1; \{12^{10}, 6^5, 4^2, 3^2\})$	12884705280

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^{10}, 6^6, 2^4\})$	1610661888
12	$\mathcal{O}(1; \{12^{10}, 6^6, 3^3\})$	12884852736
12	$\mathcal{O}(1; \{12^{10}, 6^6, 4^2, 2\})$	6442647552
12	$\mathcal{O}(1; \{12^{10}, 6^7, 3, 2\})$	6442500096
12	$\mathcal{O}(1; \{12^{11}, 4, 3^2, 2^8\})$	805109760
12	$\mathcal{O}(1; \{12^{11}, 4, 3^5, 2^4\})$	6442647552
12	$\mathcal{O}(1; \{12^{11}, 4, 3^8\})$	51539410944
12	$\mathcal{O}(1; \{12^{11}, 4^3, 3^2, 2^5\})$	3220439040
12	$\mathcal{O}(1; \{12^{11}, 4^3, 3^5, 2\})$	25770590208
12	$\mathcal{O}(1; \{12^{11}, 4^5, 3^2, 2^2\})$	12881756160
12	$\mathcal{O}(1; \{12^{11}, 6, 4, 2^9\})$	402849792
12	$\mathcal{O}(1; \{12^{11}, 6, 4, 3^3, 2^5\})$	3221028864
12	$\mathcal{O}(1; \{12^{11}, 6, 4, 3^6, 2\})$	25770000384
12	$\mathcal{O}(1; \{12^{11}, 6, 4^3, 2^6\})$	1611399168
12	$\mathcal{O}(1; \{12^{11}, 6, 4^3, 3^3, 2^2\})$	12884115456
12	$\mathcal{O}(1; \{12^{11}, 6, 4^5, 2^3\})$	6445596672
12	$\mathcal{O}(1; \{12^{11}, 6, 4^7\})$	25782386688
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4, 3, 2^6\})$	1610809344
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4, 3^4, 2^2\})$	12884705280
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4^3, 3, 2^3\})$	6443237376
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4^5, 3\})$	25772949504
12	$\mathcal{O}(1; \{12^{11}, 6^3, 4, 3^2, 2^3\})$	6442647552
12	$\mathcal{O}(1; \{12^{11}, 6^3, 4^3, 3^2\})$	25770590208
12	$\mathcal{O}(1; \{12^{11}, 6^4, 4, 2^4\})$	3221028864
12	$\mathcal{O}(1; \{12^{11}, 6^4, 4, 3^3\})$	25770000384
12	$\mathcal{O}(1; \{12^{11}, 6^4, 4^3, 2\})$	12884115456
12	$\mathcal{O}(1; \{12^{11}, 6^5, 4, 3, 2\})$	12884705280
12	$\mathcal{O}(1; \{12^{12}, 3, 2^9\})$	805109760
12	$\mathcal{O}(1; \{12^{12}, 3^4, 2^5\})$	6442647552
12	$\mathcal{O}(1; \{12^{12}, 3^7, 2\})$	51539410944
12	$\mathcal{O}(1; \{12^{12}, 4^2, 3, 2^6\})$	3220439040
12	$\mathcal{O}(1; \{12^{12}, 4^2, 3^4, 2^2\})$	25770590208
12	$\mathcal{O}(1; \{12^{12}, 4^4, 3, 2^3\})$	12881756160
12	$\mathcal{O}(1; \{12^{12}, 4^6, 3\})$	51527024640
12	$\mathcal{O}(1; \{12^{12}, 6, 3^2, 2^6\})$	3221028864
12	$\mathcal{O}(1; \{12^{12}, 6, 3^5, 2^2\})$	25770000384
12	$\mathcal{O}(1; \{12^{12}, 6, 4^2, 3^2, 2^3\})$	12884115456
12	$\mathcal{O}(1; \{12^{12}, 6, 4^4, 3^2\})$	51536461824
12	$\mathcal{O}(1; \{12^{12}, 6^2, 2^7\})$	1610809344
12	$\mathcal{O}(1; \{12^{12}, 6^2, 3^3, 2^3\})$	12884705280
12	$\mathcal{O}(1; \{12^{12}, 6^2, 4^2, 2^4\})$	6443237376
12	$\mathcal{O}(1; \{12^{12}, 6^2, 4^2, 3^3\})$	51538821120
12	$\mathcal{O}(1; \{12^{12}, 6^2, 4^4, 2\})$	25772949504

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^{12}, 6^3, 3, 2^4\})$	6442647552
12	$\mathcal{O}(1; \{12^{12}, 6^3, 3^4\})$	51539410944
12	$\mathcal{O}(1; \{12^{12}, 6^3, 4^2, 3, 2\})$	25770590208
12	$\mathcal{O}(1; \{12^{12}, 6^4, 3^2, 2\})$	25770000384
12	$\mathcal{O}(1; \{12^{12}, 6^5, 2^2\})$	12884705280
12	$\mathcal{O}(1; \{12^{13}, 4, 2^7\})$	3220439040
12	$\mathcal{O}(1; \{12^{13}, 4, 3^3, 2^3\})$	25770590208
12	$\mathcal{O}(1; \{12^{13}, 4^3, 2^4\})$	12881756160
12	$\mathcal{O}(1; \{12^{13}, 4^3, 3^3\})$	103082360832
12	$\mathcal{O}(1; \{12^{13}, 4^5, 2\})$	51527024640
12	$\mathcal{O}(1; \{12^{13}, 6, 4, 3, 2^4\})$	12884115456
12	$\mathcal{O}(1; \{12^{13}, 6, 4, 3^4\})$	103080001536
12	$\mathcal{O}(1; \{12^{13}, 6, 4^3, 3, 2\})$	51536461824
12	$\mathcal{O}(1; \{12^{13}, 6^2, 4, 3^2, 2\})$	51538821120
12	$\mathcal{O}(1; \{12^{13}, 6^3, 4, 2^2\})$	25770590208
12	$\mathcal{O}(1; \{12^{14}, 3^2, 2^4\})$	25770590208
12	$\mathcal{O}(1; \{12^{14}, 3^5\})$	206157643776
12	$\mathcal{O}(1; \{12^{14}, 4^2, 3^2, 2\})$	103082360832
12	$\mathcal{O}(1; \{12^{14}, 6, 2^5\})$	12884115456
12	$\mathcal{O}(1; \{12^{14}, 6, 3^3, 2\})$	103080001536
12	$\mathcal{O}(1; \{12^{14}, 6, 4^2, 2^2\})$	51536461824
12	$\mathcal{O}(1; \{12^{14}, 6^2, 3, 2^2\})$	51538821120
12	$\mathcal{O}(1; \{12^{14}, 6^4\})$	103080001536
12	$\mathcal{O}(1; \{12^{15}, 4, 3, 2^2\})$	103082360832
12	$\mathcal{O}(1; \{12^{15}, 6^2, 4\})$	206155284480
12	$\mathcal{O}(1; \{12^{16}, 2^3\})$	103082360832
12	$\mathcal{O}(1; \{12^{16}, 4^2\})$	412329443328
12	$\mathcal{O}(1; \{12^{16}, 6, 3\})$	412320006144
12	$\mathcal{O}(0; \{4^2, 3^4, 2^{28}\})$	12
12	$\mathcal{O}(0; \{4^2, 3^7, 2^{24}\})$	84
12	$\mathcal{O}(0; \{4^2, 3^{10}, 2^{20}\})$	684
12	$\mathcal{O}(0; \{4^2, 3^{13}, 2^{16}\})$	5460
12	$\mathcal{O}(0; \{4^2, 3^{16}, 2^{12}\})$	43692
12	$\mathcal{O}(0; \{4^2, 3^{19}, 2^8\})$	349524
12	$\mathcal{O}(0; \{4^2, 3^{22}, 2^4\})$	2796204
12	$\mathcal{O}(0; \{4^2, 3^{25}\})$	22369620
12	$\mathcal{O}(0; \{4^4, 3^4, 2^{25}\})$	48
12	$\mathcal{O}(0; \{4^4, 3^7, 2^{21}\})$	336
12	$\mathcal{O}(0; \{4^4, 3^{10}, 2^{17}\})$	2736
12	$\mathcal{O}(0; \{4^4, 3^{13}, 2^{13}\})$	21840
12	$\mathcal{O}(0; \{4^4, 3^{16}, 2^9\})$	174768
12	$\mathcal{O}(0; \{4^4, 3^{19}, 2^5\})$	1398096
12	$\mathcal{O}(0; \{4^4, 3^{22}, 2\})$	11184816

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{4^6, 3^4, 2^{22}\})$	192
12	$\mathcal{O}(0; \{4^6, 3^7, 2^{18}\})$	1344
12	$\mathcal{O}(0; \{4^6, 3^{10}, 2^{14}\})$	10944
12	$\mathcal{O}(0; \{4^6, 3^{13}, 2^{10}\})$	87360
12	$\mathcal{O}(0; \{4^6, 3^{16}, 2^6\})$	699072
12	$\mathcal{O}(0; \{4^6, 3^{19}, 2^2\})$	5592384
12	$\mathcal{O}(0; \{4^8, 3^4, 2^{19}\})$	768
12	$\mathcal{O}(0; \{4^8, 3^7, 2^{15}\})$	5376
12	$\mathcal{O}(0; \{4^8, 3^{10}, 2^{11}\})$	43776
12	$\mathcal{O}(0; \{4^8, 3^{13}, 2^7\})$	349440
12	$\mathcal{O}(0; \{4^8, 3^{16}, 2^3\})$	2796288
12	$\mathcal{O}(0; \{4^{10}, 3^4, 2^{16}\})$	3072
12	$\mathcal{O}(0; \{4^{10}, 3^7, 2^{12}\})$	21504
12	$\mathcal{O}(0; \{4^{10}, 3^{10}, 2^8\})$	175104
12	$\mathcal{O}(0; \{4^{10}, 3^{13}, 2^4\})$	1397760
12	$\mathcal{O}(0; \{4^{10}, 3^{16}\})$	11185152
12	$\mathcal{O}(0; \{4^{12}, 3^4, 2^{13}\})$	12288
12	$\mathcal{O}(0; \{4^{12}, 3^7, 2^9\})$	86016
12	$\mathcal{O}(0; \{4^{12}, 3^{10}, 2^5\})$	700416
12	$\mathcal{O}(0; \{4^{12}, 3^{13}, 2\})$	5591040
12	$\mathcal{O}(0; \{4^{14}, 3^4, 2^{10}\})$	49152
12	$\mathcal{O}(0; \{4^{14}, 3^7, 2^6\})$	344064
12	$\mathcal{O}(0; \{4^{14}, 3^{10}, 2^2\})$	2801664
12	$\mathcal{O}(0; \{4^{16}, 3^4, 2^7\})$	196608
12	$\mathcal{O}(0; \{4^{16}, 3^7, 2^3\})$	1376256
12	$\mathcal{O}(0; \{4^{18}, 3^4, 2^4\})$	786432
12	$\mathcal{O}(0; \{4^{18}, 3^7\})$	5505024
12	$\mathcal{O}(0; \{4^{20}, 3^4, 2\})$	3145728
12	$\mathcal{O}(0; \{6, 4^2, 3^2, 2^{29}\})$	4
12	$\mathcal{O}(0; \{6, 4^2, 3^5, 2^{25}\})$	44
12	$\mathcal{O}(0; \{6, 4^2, 3^8, 2^{21}\})$	340
12	$\mathcal{O}(0; \{6, 4^2, 3^{11}, 2^{17}\})$	2732
12	$\mathcal{O}(0; \{6, 4^2, 3^{14}, 2^{13}\})$	21844
12	$\mathcal{O}(0; \{6, 4^2, 3^{17}, 2^9\})$	174764
12	$\mathcal{O}(0; \{6, 4^2, 3^{20}, 2^5\})$	1398100
12	$\mathcal{O}(0; \{6, 4^2, 3^{23}, 2\})$	11184812
12	$\mathcal{O}(0; \{6, 4^4, 3^2, 2^{26}\})$	16
12	$\mathcal{O}(0; \{6, 4^4, 3^5, 2^{22}\})$	176
12	$\mathcal{O}(0; \{6, 4^4, 3^8, 2^{18}\})$	1360
12	$\mathcal{O}(0; \{6, 4^4, 3^{11}, 2^{14}\})$	10928
12	$\mathcal{O}(0; \{6, 4^4, 3^{14}, 2^{10}\})$	87376
12	$\mathcal{O}(0; \{6, 4^4, 3^{17}, 2^6\})$	699056
12	$\mathcal{O}(0; \{6, 4^4, 3^{20}, 2^2\})$	5592400

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6, 4^6, 3^2, 2^{23}\})$	64
12	$\mathcal{O}(0; \{6, 4^6, 3^5, 2^{19}\})$	704
12	$\mathcal{O}(0; \{6, 4^6, 3^8, 2^{15}\})$	5440
12	$\mathcal{O}(0; \{6, 4^6, 3^{11}, 2^{11}\})$	43712
12	$\mathcal{O}(0; \{6, 4^6, 3^{14}, 2^7\})$	349504
12	$\mathcal{O}(0; \{6, 4^6, 3^{17}, 2^3\})$	2796224
12	$\mathcal{O}(0; \{6, 4^8, 3^2, 2^{20}\})$	256
12	$\mathcal{O}(0; \{6, 4^8, 3^5, 2^{16}\})$	2816
12	$\mathcal{O}(0; \{6, 4^8, 3^8, 2^{12}\})$	21760
12	$\mathcal{O}(0; \{6, 4^8, 3^{11}, 2^8\})$	174848
12	$\mathcal{O}(0; \{6, 4^8, 3^{14}, 2^4\})$	1398016
12	$\mathcal{O}(0; \{6, 4^8, 3^{17}\})$	11184896
12	$\mathcal{O}(0; \{6, 4^{10}, 3^2, 2^{17}\})$	1024
12	$\mathcal{O}(0; \{6, 4^{10}, 3^5, 2^{13}\})$	11264
12	$\mathcal{O}(0; \{6, 4^{10}, 3^8, 2^9\})$	87040
12	$\mathcal{O}(0; \{6, 4^{10}, 3^{11}, 2^5\})$	699392
12	$\mathcal{O}(0; \{6, 4^{10}, 3^{14}, 2\})$	5592064
12	$\mathcal{O}(0; \{6, 4^{12}, 3^2, 2^{14}\})$	4096
12	$\mathcal{O}(0; \{6, 4^{12}, 3^5, 2^{10}\})$	45056
12	$\mathcal{O}(0; \{6, 4^{12}, 3^8, 2^6\})$	348160
12	$\mathcal{O}(0; \{6, 4^{12}, 3^{11}, 2^2\})$	2797568
12	$\mathcal{O}(0; \{6, 4^{14}, 3^2, 2^{11}\})$	16384
12	$\mathcal{O}(0; \{6, 4^{14}, 3^5, 2^7\})$	180224
12	$\mathcal{O}(0; \{6, 4^{14}, 3^8, 2^3\})$	1392640
12	$\mathcal{O}(0; \{6, 4^{16}, 3^2, 2^8\})$	65536
12	$\mathcal{O}(0; \{6, 4^{16}, 3^5, 2^4\})$	720896
12	$\mathcal{O}(0; \{6, 4^{16}, 3^8\})$	5570560
12	$\mathcal{O}(0; \{6, 4^{18}, 3^2, 2^5\})$	262144
12	$\mathcal{O}(0; \{6, 4^{18}, 3^5, 2\})$	2883584
12	$\mathcal{O}(0; \{6, 4^{20}, 3^2, 2^2\})$	1048576
12	$\mathcal{O}(0; \{6^2, 4^2, 2^{30}\})$	4
12	$\mathcal{O}(0; \{6^2, 4^2, 3^3, 2^{26}\})$	20
12	$\mathcal{O}(0; \{6^2, 4^2, 3^6, 2^{22}\})$	172
12	$\mathcal{O}(0; \{6^2, 4^2, 3^9, 2^{18}\})$	1364
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{12}, 2^{14}\})$	10924
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{15}, 2^{10}\})$	87380
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{18}, 2^6\})$	699052
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{21}, 2^2\})$	5592404
12	$\mathcal{O}(0; \{6^2, 4^4, 2^{27}\})$	16
12	$\mathcal{O}(0; \{6^2, 4^4, 3^3, 2^{23}\})$	80
12	$\mathcal{O}(0; \{6^2, 4^4, 3^6, 2^{19}\})$	688
12	$\mathcal{O}(0; \{6^2, 4^4, 3^9, 2^{15}\})$	5456
12	$\mathcal{O}(0; \{6^2, 4^4, 3^{12}, 2^{11}\})$	43696

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^2, 4^4, 3^{15}, 2^7\})$	349520
12	$\mathcal{O}(0; \{6^2, 4^4, 3^{18}, 2^3\})$	2796208
12	$\mathcal{O}(0; \{6^2, 4^6, 2^{24}\})$	64
12	$\mathcal{O}(0; \{6^2, 4^6, 3^3, 2^{20}\})$	320
12	$\mathcal{O}(0; \{6^2, 4^6, 3^6, 2^{16}\})$	2752
12	$\mathcal{O}(0; \{6^2, 4^6, 3^9, 2^{12}\})$	21824
12	$\mathcal{O}(0; \{6^2, 4^6, 3^{12}, 2^8\})$	174784
12	$\mathcal{O}(0; \{6^2, 4^6, 3^{15}, 2^4\})$	1398080
12	$\mathcal{O}(0; \{6^2, 4^6, 3^{18}\})$	11184832
12	$\mathcal{O}(0; \{6^2, 4^8, 2^{21}\})$	256
12	$\mathcal{O}(0; \{6^2, 4^8, 3^3, 2^{17}\})$	1280
12	$\mathcal{O}(0; \{6^2, 4^8, 3^6, 2^{13}\})$	11008
12	$\mathcal{O}(0; \{6^2, 4^8, 3^9, 2^9\})$	87296
12	$\mathcal{O}(0; \{6^2, 4^8, 3^{12}, 2^5\})$	699136
12	$\mathcal{O}(0; \{6^2, 4^8, 3^{15}, 2\})$	5592320
12	$\mathcal{O}(0; \{6^2, 4^{10}, 2^{18}\})$	1024
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^3, 2^{14}\})$	5120
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^6, 2^{10}\})$	44032
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^9, 2^6\})$	349184
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^{12}, 2^2\})$	2796544
12	$\mathcal{O}(0; \{6^2, 4^{12}, 2^{15}\})$	4096
12	$\mathcal{O}(0; \{6^2, 4^{12}, 3^3, 2^{11}\})$	20480
12	$\mathcal{O}(0; \{6^2, 4^{12}, 3^6, 2^7\})$	176128
12	$\mathcal{O}(0; \{6^2, 4^{12}, 3^9, 2^3\})$	1396736
12	$\mathcal{O}(0; \{6^2, 4^{14}, 2^{12}\})$	16384
12	$\mathcal{O}(0; \{6^2, 4^{14}, 3^3, 2^8\})$	81920
12	$\mathcal{O}(0; \{6^2, 4^{14}, 3^6, 2^4\})$	704512
12	$\mathcal{O}(0; \{6^2, 4^{14}, 3^9\})$	5586944
12	$\mathcal{O}(0; \{6^2, 4^{16}, 2^9\})$	65536
12	$\mathcal{O}(0; \{6^2, 4^{16}, 3^3, 2^5\})$	327680
12	$\mathcal{O}(0; \{6^2, 4^{16}, 3^6, 2\})$	2818048
12	$\mathcal{O}(0; \{6^2, 4^{18}, 2^6\})$	262144
12	$\mathcal{O}(0; \{6^2, 4^{18}, 3^3, 2^2\})$	1310720
12	$\mathcal{O}(0; \{6^2, 4^{20}, 2^3\})$	1048576
12	$\mathcal{O}(0; \{6^2, 4^{22}\})$	4194304
12	$\mathcal{O}(0; \{6^3, 4^2, 3, 2^{27}\})$	12
12	$\mathcal{O}(0; \{6^3, 4^2, 3^4, 2^{23}\})$	84
12	$\mathcal{O}(0; \{6^3, 4^2, 3^7, 2^{19}\})$	684
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{10}, 2^{15}\})$	5460
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{13}, 2^{11}\})$	43692
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{16}, 2^7\})$	349524
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{19}, 2^3\})$	2796204
12	$\mathcal{O}(0; \{6^3, 4^4, 3, 2^{24}\})$	48

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^3, 4^4, 3^4, 2^{20}\})$	336
12	$\mathcal{O}(0; \{6^3, 4^4, 3^7, 2^{16}\})$	2736
12	$\mathcal{O}(0; \{6^3, 4^4, 3^{10}, 2^{12}\})$	21840
12	$\mathcal{O}(0; \{6^3, 4^4, 3^{13}, 2^8\})$	174768
12	$\mathcal{O}(0; \{6^3, 4^4, 3^{16}, 2^4\})$	1398096
12	$\mathcal{O}(0; \{6^3, 4^4, 3^{19}\})$	11184816
12	$\mathcal{O}(0; \{6^3, 4^6, 3, 2^{21}\})$	192
12	$\mathcal{O}(0; \{6^3, 4^6, 3^4, 2^{17}\})$	1344
12	$\mathcal{O}(0; \{6^3, 4^6, 3^7, 2^{13}\})$	10944
12	$\mathcal{O}(0; \{6^3, 4^6, 3^{10}, 2^9\})$	87360
12	$\mathcal{O}(0; \{6^3, 4^6, 3^{13}, 2^5\})$	699072
12	$\mathcal{O}(0; \{6^3, 4^6, 3^{16}, 2\})$	5592384
12	$\mathcal{O}(0; \{6^3, 4^8, 3, 2^{18}\})$	768
12	$\mathcal{O}(0; \{6^3, 4^8, 3^4, 2^{14}\})$	5376
12	$\mathcal{O}(0; \{6^3, 4^8, 3^7, 2^{10}\})$	43776
12	$\mathcal{O}(0; \{6^3, 4^8, 3^{10}, 2^6\})$	349440
12	$\mathcal{O}(0; \{6^3, 4^8, 3^{13}, 2^2\})$	2796288
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3, 2^{15}\})$	3072
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3^4, 2^{11}\})$	21504
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3^7, 2^7\})$	175104
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3^{10}, 2^3\})$	1397760
12	$\mathcal{O}(0; \{6^3, 4^{12}, 3, 2^{12}\})$	12288
12	$\mathcal{O}(0; \{6^3, 4^{12}, 3^4, 2^8\})$	86016
12	$\mathcal{O}(0; \{6^3, 4^{12}, 3^7, 2^4\})$	700416
12	$\mathcal{O}(0; \{6^3, 4^{12}, 3^{10}\})$	5591040
12	$\mathcal{O}(0; \{6^3, 4^{14}, 3, 2^9\})$	49152
12	$\mathcal{O}(0; \{6^3, 4^{14}, 3^4, 2^5\})$	344064
12	$\mathcal{O}(0; \{6^3, 4^{14}, 3^7, 2\})$	2801664
12	$\mathcal{O}(0; \{6^3, 4^{16}, 3, 2^6\})$	196608
12	$\mathcal{O}(0; \{6^3, 4^{16}, 3^4, 2^2\})$	1376256
12	$\mathcal{O}(0; \{6^3, 4^{18}, 3, 2^3\})$	786432
12	$\mathcal{O}(0; \{6^3, 4^{20}, 3\})$	3145728
12	$\mathcal{O}(0; \{6^4, 4^2, 3^2, 2^{24}\})$	44
12	$\mathcal{O}(0; \{6^4, 4^2, 3^5, 2^{20}\})$	340
12	$\mathcal{O}(0; \{6^4, 4^2, 3^8, 2^{16}\})$	2732
12	$\mathcal{O}(0; \{6^4, 4^2, 3^{11}, 2^{12}\})$	21844
12	$\mathcal{O}(0; \{6^4, 4^2, 3^{14}, 2^8\})$	174764
12	$\mathcal{O}(0; \{6^4, 4^2, 3^{17}, 2^4\})$	1398100
12	$\mathcal{O}(0; \{6^4, 4^2, 3^{20}\})$	11184812
12	$\mathcal{O}(0; \{6^4, 4^4, 3^2, 2^{21}\})$	176
12	$\mathcal{O}(0; \{6^4, 4^4, 3^5, 2^{17}\})$	1360
12	$\mathcal{O}(0; \{6^4, 4^4, 3^8, 2^{13}\})$	10928
12	$\mathcal{O}(0; \{6^4, 4^4, 3^{11}, 2^9\})$	87376

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^4, 4^4, 3^{14}, 2^5\})$	699056
12	$\mathcal{O}(0; \{6^4, 4^4, 3^{17}, 2\})$	5592400
12	$\mathcal{O}(0; \{6^4, 4^6, 3^2, 2^{18}\})$	704
12	$\mathcal{O}(0; \{6^4, 4^6, 3^5, 2^{14}\})$	5440
12	$\mathcal{O}(0; \{6^4, 4^6, 3^8, 2^{10}\})$	43712
12	$\mathcal{O}(0; \{6^4, 4^6, 3^{11}, 2^6\})$	349504
12	$\mathcal{O}(0; \{6^4, 4^6, 3^{14}, 2^2\})$	2796224
12	$\mathcal{O}(0; \{6^4, 4^8, 3^2, 2^{15}\})$	2816
12	$\mathcal{O}(0; \{6^4, 4^8, 3^5, 2^{11}\})$	21760
12	$\mathcal{O}(0; \{6^4, 4^8, 3^8, 2^7\})$	174848
12	$\mathcal{O}(0; \{6^4, 4^8, 3^{11}, 2^3\})$	1398016
12	$\mathcal{O}(0; \{6^4, 4^{10}, 3^2, 2^{12}\})$	11264
12	$\mathcal{O}(0; \{6^4, 4^{10}, 3^5, 2^8\})$	87040
12	$\mathcal{O}(0; \{6^4, 4^{10}, 3^8, 2^4\})$	699392
12	$\mathcal{O}(0; \{6^4, 4^{10}, 3^{11}\})$	5592064
12	$\mathcal{O}(0; \{6^4, 4^{12}, 3^2, 2^9\})$	45056
12	$\mathcal{O}(0; \{6^4, 4^{12}, 3^5, 2^5\})$	348160
12	$\mathcal{O}(0; \{6^4, 4^{12}, 3^8, 2\})$	2797568
12	$\mathcal{O}(0; \{6^4, 4^{14}, 3^2, 2^6\})$	180224
12	$\mathcal{O}(0; \{6^4, 4^{14}, 3^5, 2^2\})$	1392640
12	$\mathcal{O}(0; \{6^4, 4^{16}, 3^2, 2^3\})$	720896
12	$\mathcal{O}(0; \{6^4, 4^{18}, 3^2\})$	2883584
12	$\mathcal{O}(0; \{6^5, 4^2, 2^{25}\})$	20
12	$\mathcal{O}(0; \{6^5, 4^2, 3^3, 2^{21}\})$	172
12	$\mathcal{O}(0; \{6^5, 4^2, 3^6, 2^{17}\})$	1364
12	$\mathcal{O}(0; \{6^5, 4^2, 3^9, 2^{13}\})$	10924
12	$\mathcal{O}(0; \{6^5, 4^2, 3^{12}, 2^9\})$	87380
12	$\mathcal{O}(0; \{6^5, 4^2, 3^{15}, 2^5\})$	699052
12	$\mathcal{O}(0; \{6^5, 4^2, 3^{18}, 2\})$	5592404
12	$\mathcal{O}(0; \{6^5, 4^4, 2^{22}\})$	80
12	$\mathcal{O}(0; \{6^5, 4^4, 3^3, 2^{18}\})$	688
12	$\mathcal{O}(0; \{6^5, 4^4, 3^6, 2^{14}\})$	5456
12	$\mathcal{O}(0; \{6^5, 4^4, 3^9, 2^{10}\})$	43696
12	$\mathcal{O}(0; \{6^5, 4^4, 3^{12}, 2^6\})$	349520
12	$\mathcal{O}(0; \{6^5, 4^4, 3^{15}, 2^2\})$	2796208
12	$\mathcal{O}(0; \{6^5, 4^6, 2^{19}\})$	320
12	$\mathcal{O}(0; \{6^5, 4^6, 3^3, 2^{15}\})$	2752
12	$\mathcal{O}(0; \{6^5, 4^6, 3^6, 2^{11}\})$	21824
12	$\mathcal{O}(0; \{6^5, 4^6, 3^9, 2^7\})$	174784
12	$\mathcal{O}(0; \{6^5, 4^6, 3^{12}, 2^3\})$	1398080
12	$\mathcal{O}(0; \{6^5, 4^8, 2^{16}\})$	1280
12	$\mathcal{O}(0; \{6^5, 4^8, 3^3, 2^{12}\})$	11008
12	$\mathcal{O}(0; \{6^5, 4^8, 3^6, 2^8\})$	87296

Continued on next page

Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^5, 4^8, 3^9, 2^4\})$	699136
12	$\mathcal{O}(0; \{6^5, 4^8, 3^{12}\})$	5592320
12	$\mathcal{O}(0; \{6^5, 4^{10}, 2^{13}\})$	5120
12	$\mathcal{O}(0; \{6^5, 4^{10}, 3^3, 2^9\})$	44032
12	$\mathcal{O}(0; \{6^5, 4^{10}, 3^6, 2^5\})$	349184
12	$\mathcal{O}(0; \{6^5, 4^{10}, 3^9, 2\})$	2796544
12	$\mathcal{O}(0; \{6^5, 4^{12}, 2^{10}\})$	20480
12	$\mathcal{O}(0; \{6^5, 4^{12}, 3^3, 2^6\})$	176128
12	$\mathcal{O}(0; \{6^5, 4^{12}, 3^6, 2^2\})$	1396736
12	$\mathcal{O}(0; \{6^5, 4^{14}, 2^7\})$	81920
12	$\mathcal{O}(0; \{6^5, 4^{14}, 3^3, 2^3\})$	704512
12	$\mathcal{O}(0; \{6^5, 4^{16}, 2^4\})$	327680
12	$\mathcal{O}(0; \{6^5, 4^{16}, 3^3\})$	2818048
12	$\mathcal{O}(0; \{6^5, 4^{18}, 2\})$	1310720
12	$\mathcal{O}(0; \{6^6, 4^2, 3, 2^{22}\})$	84
12	$\mathcal{O}(0; \{6^6, 4^2, 3^4, 2^{18}\})$	684
12	$\mathcal{O}(0; \{6^6, 4^2, 3^7, 2^{14}\})$	5460
12	$\mathcal{O}(0; \{6^6, 4^2, 3^{10}, 2^{10}\})$	43692
12	$\mathcal{O}(0; \{6^6, 4^2, 3^{13}, 2^6\})$	349524
12	$\mathcal{O}(0; \{6^6, 4^2, 3^{16}, 2^2\})$	2796204
12	$\mathcal{O}(0; \{6^6, 4^4, 3, 2^{19}\})$	336
12	$\mathcal{O}(0; \{6^6, 4^4, 3^4, 2^{15}\})$	2736
12	$\mathcal{O}(0; \{6^6, 4^4, 3^7, 2^{11}\})$	21840
12	$\mathcal{O}(0; \{6^6, 4^4, 3^{10}, 2^7\})$	174768
12	$\mathcal{O}(0; \{6^6, 4^4, 3^{13}, 2^3\})$	1398096
12	$\mathcal{O}(0; \{6^6, 4^6, 3, 2^{16}\})$	1344
12	$\mathcal{O}(0; \{6^6, 4^6, 3^4, 2^{12}\})$	10944
12	$\mathcal{O}(0; \{6^6, 4^6, 3^7, 2^8\})$	87360
12	$\mathcal{O}(0; \{6^6, 4^6, 3^{10}, 2^4\})$	699072
12	$\mathcal{O}(0; \{6^6, 4^6, 3^{13}\})$	5592384
12	$\mathcal{O}(0; \{6^6, 4^8, 3, 2^{13}\})$	5376
12	$\mathcal{O}(0; \{6^6, 4^8, 3^4, 2^9\})$	43776
12	$\mathcal{O}(0; \{6^6, 4^8, 3^7, 2^5\})$	349440
12	$\mathcal{O}(0; \{6^6, 4^8, 3^{10}, 2\})$	2796288
12	$\mathcal{O}(0; \{6^6, 4^{10}, 3, 2^{10}\})$	21504
12	$\mathcal{O}(0; \{6^6, 4^{10}, 3^4, 2^6\})$	175104
12	$\mathcal{O}(0; \{6^6, 4^{10}, 3^7, 2^2\})$	1397760
12	$\mathcal{O}(0; \{6^6, 4^{12}, 3, 2^7\})$	86016
12	$\mathcal{O}(0; \{6^6, 4^{12}, 3^4, 2^3\})$	700416
12	$\mathcal{O}(0; \{6^6, 4^{14}, 3, 2^4\})$	344064
12	$\mathcal{O}(0; \{6^6, 4^{14}, 3^4\})$	2801664
12	$\mathcal{O}(0; \{6^6, 4^{16}, 3, 2\})$	1376256
12	$\mathcal{O}(0; \{6^7, 4^2, 3^2, 2^{19}\})$	340

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^7, 4^2, 3^5, 2^{15}\})$	2732
12	$\mathcal{O}(0; \{6^7, 4^2, 3^8, 2^{11}\})$	21844
12	$\mathcal{O}(0; \{6^7, 4^2, 3^{11}, 2^7\})$	174764
12	$\mathcal{O}(0; \{6^7, 4^2, 3^{14}, 2^3\})$	1398100
12	$\mathcal{O}(0; \{6^7, 4^4, 3^2, 2^{16}\})$	1360
12	$\mathcal{O}(0; \{6^7, 4^4, 3^5, 2^{12}\})$	10928
12	$\mathcal{O}(0; \{6^7, 4^4, 3^8, 2^8\})$	87376
12	$\mathcal{O}(0; \{6^7, 4^4, 3^{11}, 2^4\})$	699056
12	$\mathcal{O}(0; \{6^7, 4^4, 3^{14}\})$	5592400
12	$\mathcal{O}(0; \{6^7, 4^6, 3^2, 2^{13}\})$	5440
12	$\mathcal{O}(0; \{6^7, 4^6, 3^5, 2^9\})$	43712
12	$\mathcal{O}(0; \{6^7, 4^6, 3^8, 2^5\})$	349504
12	$\mathcal{O}(0; \{6^7, 4^6, 3^{11}, 2\})$	2796224
12	$\mathcal{O}(0; \{6^7, 4^8, 3^2, 2^{10}\})$	21760
12	$\mathcal{O}(0; \{6^7, 4^8, 3^5, 2^6\})$	174848
12	$\mathcal{O}(0; \{6^7, 4^8, 3^8, 2^2\})$	1398016
12	$\mathcal{O}(0; \{6^7, 4^{10}, 3^2, 2^7\})$	87040
12	$\mathcal{O}(0; \{6^7, 4^{10}, 3^5, 2^3\})$	699392
12	$\mathcal{O}(0; \{6^7, 4^{12}, 3^2, 2^4\})$	348160
12	$\mathcal{O}(0; \{6^7, 4^{12}, 3^5\})$	2797568
12	$\mathcal{O}(0; \{6^7, 4^{14}, 3^2, 2\})$	1392640
12	$\mathcal{O}(0; \{6^8, 4^2, 2^{20}\})$	172
12	$\mathcal{O}(0; \{6^8, 4^2, 3^3, 2^{16}\})$	1364
12	$\mathcal{O}(0; \{6^8, 4^2, 3^6, 2^{12}\})$	10924
12	$\mathcal{O}(0; \{6^8, 4^2, 3^9, 2^8\})$	87380
12	$\mathcal{O}(0; \{6^8, 4^2, 3^{12}, 2^4\})$	699052
12	$\mathcal{O}(0; \{6^8, 4^2, 3^{15}\})$	5592404
12	$\mathcal{O}(0; \{6^8, 4^4, 2^{17}\})$	688
12	$\mathcal{O}(0; \{6^8, 4^4, 3^3, 2^{13}\})$	5456
12	$\mathcal{O}(0; \{6^8, 4^4, 3^6, 2^9\})$	43696
12	$\mathcal{O}(0; \{6^8, 4^4, 3^9, 2^5\})$	349520
12	$\mathcal{O}(0; \{6^8, 4^4, 3^{12}, 2\})$	2796208
12	$\mathcal{O}(0; \{6^8, 4^6, 2^{14}\})$	2752
12	$\mathcal{O}(0; \{6^8, 4^6, 3^3, 2^{10}\})$	21824
12	$\mathcal{O}(0; \{6^8, 4^6, 3^6, 2^6\})$	174784
12	$\mathcal{O}(0; \{6^8, 4^6, 3^9, 2^2\})$	1398080
12	$\mathcal{O}(0; \{6^8, 4^8, 2^{11}\})$	11008
12	$\mathcal{O}(0; \{6^8, 4^8, 3^3, 2^7\})$	87296
12	$\mathcal{O}(0; \{6^8, 4^8, 3^6, 2^3\})$	699136
12	$\mathcal{O}(0; \{6^8, 4^{10}, 2^8\})$	44032
12	$\mathcal{O}(0; \{6^8, 4^{10}, 3^3, 2^4\})$	349184
12	$\mathcal{O}(0; \{6^8, 4^{10}, 3^6\})$	2796544
12	$\mathcal{O}(0; \{6^8, 4^{12}, 2^5\})$	176128

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^8, 4^{12}, 3^3, 2\})$	1396736
12	$\mathcal{O}(0; \{6^8, 4^{14}, 2^2\})$	704512
12	$\mathcal{O}(0; \{6^9, 4^2, 3, 2^{17}\})$	684
12	$\mathcal{O}(0; \{6^9, 4^2, 3^4, 2^{13}\})$	5460
12	$\mathcal{O}(0; \{6^9, 4^2, 3^7, 2^9\})$	43692
12	$\mathcal{O}(0; \{6^9, 4^2, 3^{10}, 2^5\})$	349524
12	$\mathcal{O}(0; \{6^9, 4^2, 3^{13}, 2\})$	2796204
12	$\mathcal{O}(0; \{6^9, 4^4, 3, 2^{14}\})$	2736
12	$\mathcal{O}(0; \{6^9, 4^4, 3^4, 2^{10}\})$	21840
12	$\mathcal{O}(0; \{6^9, 4^4, 3^7, 2^6\})$	174768
12	$\mathcal{O}(0; \{6^9, 4^4, 3^{10}, 2^2\})$	1398096
12	$\mathcal{O}(0; \{6^9, 4^6, 3, 2^{11}\})$	10944
12	$\mathcal{O}(0; \{6^9, 4^6, 3^4, 2^7\})$	87360
12	$\mathcal{O}(0; \{6^9, 4^6, 3^7, 2^3\})$	699072
12	$\mathcal{O}(0; \{6^9, 4^8, 3, 2^8\})$	43776
12	$\mathcal{O}(0; \{6^9, 4^8, 3^4, 2^4\})$	349440
12	$\mathcal{O}(0; \{6^9, 4^8, 3^7\})$	2796288
12	$\mathcal{O}(0; \{6^9, 4^{10}, 3, 2^5\})$	175104
12	$\mathcal{O}(0; \{6^9, 4^{10}, 3^4, 2\})$	1397760
12	$\mathcal{O}(0; \{6^9, 4^{12}, 3, 2^2\})$	700416
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^2, 2^{14}\})$	2732
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^5, 2^{10}\})$	21844
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^8, 2^6\})$	174764
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^{11}, 2^2\})$	1398100
12	$\mathcal{O}(0; \{6^{10}, 4^4, 3^2, 2^{11}\})$	10928
12	$\mathcal{O}(0; \{6^{10}, 4^4, 3^5, 2^7\})$	87376
12	$\mathcal{O}(0; \{6^{10}, 4^4, 3^8, 2^3\})$	699056
12	$\mathcal{O}(0; \{6^{10}, 4^6, 3^2, 2^8\})$	43712
12	$\mathcal{O}(0; \{6^{10}, 4^6, 3^5, 2^4\})$	349504
12	$\mathcal{O}(0; \{6^{10}, 4^6, 3^8\})$	2796224
12	$\mathcal{O}(0; \{6^{10}, 4^8, 3^2, 2^5\})$	174848
12	$\mathcal{O}(0; \{6^{10}, 4^8, 3^5, 2\})$	1398016
12	$\mathcal{O}(0; \{6^{10}, 4^{10}, 3^2, 2^2\})$	699392
12	$\mathcal{O}(0; \{6^{11}, 4^2, 2^{15}\})$	1364
12	$\mathcal{O}(0; \{6^{11}, 4^2, 3^3, 2^{11}\})$	10924
12	$\mathcal{O}(0; \{6^{11}, 4^2, 3^6, 2^7\})$	87380
12	$\mathcal{O}(0; \{6^{11}, 4^2, 3^9, 2^3\})$	699052
12	$\mathcal{O}(0; \{6^{11}, 4^4, 2^{12}\})$	5456
12	$\mathcal{O}(0; \{6^{11}, 4^4, 3^3, 2^8\})$	43696
12	$\mathcal{O}(0; \{6^{11}, 4^4, 3^6, 2^4\})$	349520
12	$\mathcal{O}(0; \{6^{11}, 4^4, 3^9\})$	2796208
12	$\mathcal{O}(0; \{6^{11}, 4^6, 2^9\})$	21824
12	$\mathcal{O}(0; \{6^{11}, 4^6, 3^3, 2^5\})$	174784

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^{11}, 4^6, 3^6, 2\})$	1398080
12	$\mathcal{O}(0; \{6^{11}, 4^8, 2^6\})$	87296
12	$\mathcal{O}(0; \{6^{11}, 4^8, 3^3, 2^2\})$	699136
12	$\mathcal{O}(0; \{6^{11}, 4^{10}, 2^3\})$	349184
12	$\mathcal{O}(0; \{6^{11}, 4^{12}\})$	1396736
12	$\mathcal{O}(0; \{6^{12}, 4^2, 3, 2^{12}\})$	5460
12	$\mathcal{O}(0; \{6^{12}, 4^2, 3^4, 2^8\})$	43692
12	$\mathcal{O}(0; \{6^{12}, 4^2, 3^7, 2^4\})$	349524
12	$\mathcal{O}(0; \{6^{12}, 4^2, 3^{10}\})$	2796204
12	$\mathcal{O}(0; \{6^{12}, 4^4, 3, 2^9\})$	21840
12	$\mathcal{O}(0; \{6^{12}, 4^4, 3^4, 2^5\})$	174768
12	$\mathcal{O}(0; \{6^{12}, 4^4, 3^7, 2\})$	1398096
12	$\mathcal{O}(0; \{6^{12}, 4^6, 3, 2^6\})$	87360
12	$\mathcal{O}(0; \{6^{12}, 4^6, 3^4, 2^2\})$	699072
12	$\mathcal{O}(0; \{6^{12}, 4^8, 3, 2^3\})$	349440
12	$\mathcal{O}(0; \{6^{12}, 4^{10}, 3\})$	1397760
12	$\mathcal{O}(0; \{6^{13}, 4^2, 3^2, 2^9\})$	21844
12	$\mathcal{O}(0; \{6^{13}, 4^2, 3^5, 2^5\})$	174764
12	$\mathcal{O}(0; \{6^{13}, 4^2, 3^8, 2\})$	1398100
12	$\mathcal{O}(0; \{6^{13}, 4^4, 3^2, 2^6\})$	87376
12	$\mathcal{O}(0; \{6^{13}, 4^4, 3^5, 2^2\})$	699056
12	$\mathcal{O}(0; \{6^{13}, 4^6, 3^2, 2^3\})$	349504
12	$\mathcal{O}(0; \{6^{13}, 4^8, 3^2\})$	1398016
12	$\mathcal{O}(0; \{6^{14}, 4^2, 2^{10}\})$	10924
12	$\mathcal{O}(0; \{6^{14}, 4^2, 3^3, 2^6\})$	87380
12	$\mathcal{O}(0; \{6^{14}, 4^2, 3^6, 2^2\})$	699052
12	$\mathcal{O}(0; \{6^{14}, 4^4, 2^7\})$	43696
12	$\mathcal{O}(0; \{6^{14}, 4^4, 3^3, 2^3\})$	349520
12	$\mathcal{O}(0; \{6^{14}, 4^6, 2^4\})$	174784
12	$\mathcal{O}(0; \{6^{14}, 4^6, 3^3\})$	1398080
12	$\mathcal{O}(0; \{6^{14}, 4^8, 2\})$	699136
12	$\mathcal{O}(0; \{6^{15}, 4^2, 3, 2^7\})$	43692
12	$\mathcal{O}(0; \{6^{15}, 4^2, 3^4, 2^3\})$	349524
12	$\mathcal{O}(0; \{6^{15}, 4^4, 3, 2^4\})$	174768
12	$\mathcal{O}(0; \{6^{15}, 4^4, 3^4\})$	1398096
12	$\mathcal{O}(0; \{6^{15}, 4^6, 3, 2\})$	699072
12	$\mathcal{O}(0; \{6^{16}, 4^2, 3^2, 2^4\})$	174764
12	$\mathcal{O}(0; \{6^{16}, 4^2, 3^5\})$	1398100
12	$\mathcal{O}(0; \{6^{16}, 4^4, 3^2, 2\})$	699056
12	$\mathcal{O}(0; \{6^{17}, 4^2, 2^5\})$	87380
12	$\mathcal{O}(0; \{6^{17}, 4^2, 3^3, 2\})$	699052
12	$\mathcal{O}(0; \{6^{17}, 4^4, 2^2\})$	349520
12	$\mathcal{O}(0; \{6^{18}, 4^2, 3, 2^2\})$	349524

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^{20}, 4^2\})$	699052
12	$\mathcal{O}(0; \{12, 4, 3^3, 2^{29}\})$	12
12	$\mathcal{O}(0; \{12, 4, 3^6, 2^{25}\})$	84
12	$\mathcal{O}(0; \{12, 4, 3^9, 2^{21}\})$	684
12	$\mathcal{O}(0; \{12, 4, 3^{12}, 2^{17}\})$	5460
12	$\mathcal{O}(0; \{12, 4, 3^{15}, 2^{13}\})$	43692
12	$\mathcal{O}(0; \{12, 4, 3^{18}, 2^9\})$	349524
12	$\mathcal{O}(0; \{12, 4, 3^{21}, 2^5\})$	2796204
12	$\mathcal{O}(0; \{12, 4, 3^{24}, 2\})$	22369620
12	$\mathcal{O}(0; \{12, 4^3, 3^3, 2^{26}\})$	48
12	$\mathcal{O}(0; \{12, 4^3, 3^6, 2^{22}\})$	336
12	$\mathcal{O}(0; \{12, 4^3, 3^9, 2^{18}\})$	2736
12	$\mathcal{O}(0; \{12, 4^3, 3^{12}, 2^{14}\})$	21840
12	$\mathcal{O}(0; \{12, 4^3, 3^{15}, 2^{10}\})$	174768
12	$\mathcal{O}(0; \{12, 4^3, 3^{18}, 2^6\})$	1398096
12	$\mathcal{O}(0; \{12, 4^3, 3^{21}, 2^2\})$	11184816
12	$\mathcal{O}(0; \{12, 4^5, 3^3, 2^{23}\})$	192
12	$\mathcal{O}(0; \{12, 4^5, 3^6, 2^{19}\})$	1344
12	$\mathcal{O}(0; \{12, 4^5, 3^9, 2^{15}\})$	10944
12	$\mathcal{O}(0; \{12, 4^5, 3^{12}, 2^{11}\})$	87360
12	$\mathcal{O}(0; \{12, 4^5, 3^{15}, 2^7\})$	699072
12	$\mathcal{O}(0; \{12, 4^5, 3^{18}, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12, 4^7, 3^3, 2^{20}\})$	768
12	$\mathcal{O}(0; \{12, 4^7, 3^6, 2^{16}\})$	5376
12	$\mathcal{O}(0; \{12, 4^7, 3^9, 2^{12}\})$	43776
12	$\mathcal{O}(0; \{12, 4^7, 3^{12}, 2^8\})$	349440
12	$\mathcal{O}(0; \{12, 4^7, 3^{15}, 2^4\})$	2796288
12	$\mathcal{O}(0; \{12, 4^7, 3^{18}\})$	22369536
12	$\mathcal{O}(0; \{12, 4^9, 3^3, 2^{17}\})$	3072
12	$\mathcal{O}(0; \{12, 4^9, 3^6, 2^{13}\})$	21504
12	$\mathcal{O}(0; \{12, 4^9, 3^9, 2^9\})$	175104
12	$\mathcal{O}(0; \{12, 4^9, 3^{12}, 2^5\})$	1397760
12	$\mathcal{O}(0; \{12, 4^9, 3^{15}, 2\})$	11185152
12	$\mathcal{O}(0; \{12, 4^{11}, 3^3, 2^{14}\})$	12288
12	$\mathcal{O}(0; \{12, 4^{11}, 3^6, 2^{10}\})$	86016
12	$\mathcal{O}(0; \{12, 4^{11}, 3^9, 2^6\})$	700416
12	$\mathcal{O}(0; \{12, 4^{11}, 3^{12}, 2^2\})$	5591040
12	$\mathcal{O}(0; \{12, 4^{13}, 3^3, 2^{11}\})$	49152
12	$\mathcal{O}(0; \{12, 4^{13}, 3^6, 2^7\})$	344064
12	$\mathcal{O}(0; \{12, 4^{13}, 3^9, 2^3\})$	2801664
12	$\mathcal{O}(0; \{12, 4^{15}, 3^3, 2^8\})$	196608
12	$\mathcal{O}(0; \{12, 4^{15}, 3^6, 2^4\})$	1376256
12	$\mathcal{O}(0; \{12, 4^{15}, 3^9\})$	11206656

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 4^{17}, 3^3, 2^5\})$	786432
12	$\mathcal{O}(0; \{12, 4^{17}, 3^6, 2\})$	5505024
12	$\mathcal{O}(0; \{12, 4^{19}, 3^3, 2^2\})$	3145728
12	$\mathcal{O}(0; \{12, 6, 4, 3, 2^{30}\})$	4
12	$\mathcal{O}(0; \{12, 6, 4, 3^4, 2^{26}\})$	44
12	$\mathcal{O}(0; \{12, 6, 4, 3^7, 2^{22}\})$	340
12	$\mathcal{O}(0; \{12, 6, 4, 3^{10}, 2^{18}\})$	2732
12	$\mathcal{O}(0; \{12, 6, 4, 3^{13}, 2^{14}\})$	21844
12	$\mathcal{O}(0; \{12, 6, 4, 3^{16}, 2^{10}\})$	174764
12	$\mathcal{O}(0; \{12, 6, 4, 3^{19}, 2^6\})$	1398100
12	$\mathcal{O}(0; \{12, 6, 4, 3^{22}, 2^2\})$	11184812
12	$\mathcal{O}(0; \{12, 6, 4^3, 3, 2^{27}\})$	16
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^4, 2^{23}\})$	176
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^7, 2^{19}\})$	1360
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{10}, 2^{15}\})$	10928
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{13}, 2^{11}\})$	87376
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{16}, 2^7\})$	699056
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{19}, 2^3\})$	5592400
12	$\mathcal{O}(0; \{12, 6, 4^5, 3, 2^{24}\})$	64
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^4, 2^{20}\})$	704
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^7, 2^{16}\})$	5440
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^{10}, 2^{12}\})$	43712
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^{13}, 2^8\})$	349504
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^{16}, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^{19}\})$	22369600
12	$\mathcal{O}(0; \{12, 6, 4^7, 3, 2^{21}\})$	256
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^4, 2^{17}\})$	2816
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^7, 2^{13}\})$	21760
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^{10}, 2^9\})$	174848
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^{13}, 2^5\})$	1398016
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^{16}, 2\})$	11184896
12	$\mathcal{O}(0; \{12, 6, 4^9, 3, 2^{18}\})$	1024
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^4, 2^{14}\})$	11264
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^7, 2^{10}\})$	87040
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^{10}, 2^6\})$	699392
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^{13}, 2^2\})$	5592064
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3, 2^{15}\})$	4096
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3^4, 2^{11}\})$	45056
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3^7, 2^7\})$	348160
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3^{10}, 2^3\})$	2797568
12	$\mathcal{O}(0; \{12, 6, 4^{13}, 3, 2^{12}\})$	16384
12	$\mathcal{O}(0; \{12, 6, 4^{13}, 3^4, 2^8\})$	180224
12	$\mathcal{O}(0; \{12, 6, 4^{13}, 3^7, 2^4\})$	1392640

Continued on next page

Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6, 4^{13}, 3^{10}\})$	11190272
12	$\mathcal{O}(0; \{12, 6, 4^{15}, 3, 2^9\})$	65536
12	$\mathcal{O}(0; \{12, 6, 4^{15}, 3^4, 2^5\})$	720896
12	$\mathcal{O}(0; \{12, 6, 4^{15}, 3^7, 2\})$	5570560
12	$\mathcal{O}(0; \{12, 6, 4^{17}, 3, 2^6\})$	262144
12	$\mathcal{O}(0; \{12, 6, 4^{17}, 3^4, 2^2\})$	2883584
12	$\mathcal{O}(0; \{12, 6, 4^{19}, 3, 2^3\})$	1048576
12	$\mathcal{O}(0; \{12, 6, 4^{21}, 3\})$	4194304
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^2, 2^{27}\})$	20
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^5, 2^{23}\})$	172
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^8, 2^{19}\})$	1364
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{11}, 2^{15}\})$	10924
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{14}, 2^{11}\})$	87380
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{17}, 2^7\})$	699052
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{20}, 2^3\})$	5592404
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^2, 2^{24}\})$	80
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^5, 2^{20}\})$	688
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^8, 2^{16}\})$	5456
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^{11}, 2^{12}\})$	43696
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^{14}, 2^8\})$	349520
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^{17}, 2^4\})$	2796208
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^{20}\})$	22369616
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^2, 2^{21}\})$	320
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^5, 2^{17}\})$	2752
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^8, 2^{13}\})$	21824
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^{11}, 2^9\})$	174784
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^{14}, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^{17}, 2\})$	11184832
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^2, 2^{18}\})$	1280
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^5, 2^{14}\})$	11008
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^8, 2^{10}\})$	87296
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^{11}, 2^6\})$	699136
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^{14}, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^2, 2^{15}\})$	5120
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^5, 2^{11}\})$	44032
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^8, 2^7\})$	349184
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^{11}, 2^3\})$	2796544
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 3^2, 2^{12}\})$	20480
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 3^5, 2^8\})$	176128
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 3^8, 2^4\})$	1396736
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 3^{11}\})$	11186176
12	$\mathcal{O}(0; \{12, 6^2, 4^{13}, 3^2, 2^9\})$	81920
12	$\mathcal{O}(0; \{12, 6^2, 4^{13}, 3^5, 2^5\})$	704512

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^2, 4^{13}, 3^8, 2\})$	5586944
12	$\mathcal{O}(0; \{12, 6^2, 4^{15}, 3^2, 2^6\})$	327680
12	$\mathcal{O}(0; \{12, 6^2, 4^{15}, 3^5, 2^2\})$	2818048
12	$\mathcal{O}(0; \{12, 6^2, 4^{17}, 3^2, 2^3\})$	1310720
12	$\mathcal{O}(0; \{12, 6^2, 4^{19}, 3^2\})$	5242880
12	$\mathcal{O}(0; \{12, 6^3, 4, 2^{28}\})$	12
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^3, 2^{24}\})$	84
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^6, 2^{20}\})$	684
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^9, 2^{16}\})$	5460
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{12}, 2^{12}\})$	43692
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{15}, 2^8\})$	349524
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{18}, 2^4\})$	2796204
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{21}\})$	22369620
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 2^{25}\})$	48
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^3, 2^{21}\})$	336
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^6, 2^{17}\})$	2736
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^9, 2^{13}\})$	21840
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^{12}, 2^9\})$	174768
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^{15}, 2^5\})$	1398096
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^{18}, 2\})$	11184816
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 2^{22}\})$	192
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^3, 2^{18}\})$	1344
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^6, 2^{14}\})$	10944
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^9, 2^{10}\})$	87360
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^{12}, 2^6\})$	699072
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^{15}, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 2^{19}\})$	768
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^3, 2^{15}\})$	5376
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^6, 2^{11}\})$	43776
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^9, 2^7\})$	349440
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^{12}, 2^3\})$	2796288
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 2^{16}\})$	3072
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3^3, 2^{12}\})$	21504
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3^6, 2^8\})$	175104
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3^9, 2^4\})$	1397760
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3^{12}\})$	11185152
12	$\mathcal{O}(0; \{12, 6^3, 4^{11}, 2^{13}\})$	12288
12	$\mathcal{O}(0; \{12, 6^3, 4^{11}, 3^3, 2^9\})$	86016
12	$\mathcal{O}(0; \{12, 6^3, 4^{11}, 3^6, 2^5\})$	700416
12	$\mathcal{O}(0; \{12, 6^3, 4^{11}, 3^9, 2\})$	5591040
12	$\mathcal{O}(0; \{12, 6^3, 4^{13}, 2^{10}\})$	49152
12	$\mathcal{O}(0; \{12, 6^3, 4^{13}, 3^3, 2^6\})$	344064
12	$\mathcal{O}(0; \{12, 6^3, 4^{13}, 3^6, 2^2\})$	2801664

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^3, 4^{15}, 2^7\})$	196608
12	$\mathcal{O}(0; \{12, 6^3, 4^{15}, 3^3, 2^3\})$	1376256
12	$\mathcal{O}(0; \{12, 6^3, 4^{17}, 2^4\})$	786432
12	$\mathcal{O}(0; \{12, 6^3, 4^{17}, 3^3\})$	5505024
12	$\mathcal{O}(0; \{12, 6^3, 4^{19}, 2\})$	3145728
12	$\mathcal{O}(0; \{12, 6^4, 4, 3, 2^{25}\})$	44
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^4, 2^{21}\})$	340
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^7, 2^{17}\})$	2732
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^{10}, 2^{13}\})$	21844
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^{13}, 2^9\})$	174764
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^{16}, 2^5\})$	1398100
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^{19}, 2\})$	11184812
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3, 2^{22}\})$	176
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^4, 2^{18}\})$	1360
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^7, 2^{14}\})$	10928
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^{10}, 2^{10}\})$	87376
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^{13}, 2^6\})$	699056
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^{16}, 2^2\})$	5592400
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3, 2^{19}\})$	704
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^4, 2^{15}\})$	5440
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^7, 2^{11}\})$	43712
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^{10}, 2^7\})$	349504
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^{13}, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3, 2^{16}\})$	2816
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^4, 2^{12}\})$	21760
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^7, 2^8\})$	174848
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^{10}, 2^4\})$	1398016
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^{13}\})$	11184896
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 3, 2^{13}\})$	11264
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 3^4, 2^9\})$	87040
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 3^7, 2^5\})$	699392
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 3^{10}, 2\})$	5592064
12	$\mathcal{O}(0; \{12, 6^4, 4^{11}, 3, 2^{10}\})$	45056
12	$\mathcal{O}(0; \{12, 6^4, 4^{11}, 3^4, 2^6\})$	348160
12	$\mathcal{O}(0; \{12, 6^4, 4^{11}, 3^7, 2^2\})$	2797568
12	$\mathcal{O}(0; \{12, 6^4, 4^{13}, 3, 2^7\})$	180224
12	$\mathcal{O}(0; \{12, 6^4, 4^{13}, 3^4, 2^3\})$	1392640
12	$\mathcal{O}(0; \{12, 6^4, 4^{15}, 3, 2^4\})$	720896
12	$\mathcal{O}(0; \{12, 6^4, 4^{15}, 3^4\})$	5570560
12	$\mathcal{O}(0; \{12, 6^4, 4^{17}, 3, 2\})$	2883584
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^2, 2^{22}\})$	172
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^5, 2^{18}\})$	1364
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^8, 2^{14}\})$	10924

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^{11}, 2^{10}\})$	87380
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^{14}, 2^6\})$	699052
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^{17}, 2^2\})$	5592404
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^2, 2^{19}\})$	688
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^5, 2^{15}\})$	5456
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^8, 2^{11}\})$	43696
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^{11}, 2^7\})$	349520
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^{14}, 2^3\})$	2796208
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^2, 2^{16}\})$	2752
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^5, 2^{12}\})$	21824
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^8, 2^8\})$	174784
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^{11}, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^{14}\})$	11184832
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3^2, 2^{13}\})$	11008
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3^5, 2^9\})$	87296
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3^8, 2^5\})$	699136
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3^{11}, 2\})$	5592320
12	$\mathcal{O}(0; \{12, 6^5, 4^9, 3^2, 2^{10}\})$	44032
12	$\mathcal{O}(0; \{12, 6^5, 4^9, 3^5, 2^6\})$	349184
12	$\mathcal{O}(0; \{12, 6^5, 4^9, 3^8, 2^2\})$	2796544
12	$\mathcal{O}(0; \{12, 6^5, 4^{11}, 3^2, 2^7\})$	176128
12	$\mathcal{O}(0; \{12, 6^5, 4^{11}, 3^5, 2^3\})$	1396736
12	$\mathcal{O}(0; \{12, 6^5, 4^{13}, 3^2, 2^4\})$	704512
12	$\mathcal{O}(0; \{12, 6^5, 4^{13}, 3^5\})$	5586944
12	$\mathcal{O}(0; \{12, 6^5, 4^{15}, 3^2, 2\})$	2818048
12	$\mathcal{O}(0; \{12, 6^6, 4, 2^{23}\})$	84
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^3, 2^{19}\})$	684
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^6, 2^{15}\})$	5460
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^9, 2^{11}\})$	43692
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^{12}, 2^7\})$	349524
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^{15}, 2^3\})$	2796204
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 2^{20}\})$	336
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^3, 2^{16}\})$	2736
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^6, 2^{12}\})$	21840
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^9, 2^8\})$	174768
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^{12}, 2^4\})$	1398096
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^{15}\})$	11184816
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 2^{17}\})$	1344
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^3, 2^{13}\})$	10944
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^6, 2^9\})$	87360
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^9, 2^5\})$	699072
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^{12}, 2\})$	5592384
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 2^{14}\})$	5376

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 3^3, 2^{10}\})$	43776
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 3^6, 2^6\})$	349440
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 3^9, 2^2\})$	2796288
12	$\mathcal{O}(0; \{12, 6^6, 4^9, 2^{11}\})$	21504
12	$\mathcal{O}(0; \{12, 6^6, 4^9, 3^3, 2^7\})$	175104
12	$\mathcal{O}(0; \{12, 6^6, 4^9, 3^6, 2^3\})$	1397760
12	$\mathcal{O}(0; \{12, 6^6, 4^{11}, 2^8\})$	86016
12	$\mathcal{O}(0; \{12, 6^6, 4^{11}, 3^3, 2^4\})$	700416
12	$\mathcal{O}(0; \{12, 6^6, 4^{11}, 3^6\})$	5591040
12	$\mathcal{O}(0; \{12, 6^6, 4^{13}, 2^5\})$	344064
12	$\mathcal{O}(0; \{12, 6^6, 4^{13}, 3^3, 2\})$	2801664
12	$\mathcal{O}(0; \{12, 6^6, 4^{15}, 2^2\})$	1376256
12	$\mathcal{O}(0; \{12, 6^7, 4, 3, 2^{20}\})$	340
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^4, 2^{16}\})$	2732
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^7, 2^{12}\})$	21844
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^{10}, 2^8\})$	174764
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^{13}, 2^4\})$	1398100
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^{16}\})$	11184812
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3, 2^{17}\})$	1360
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^4, 2^{13}\})$	10928
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^7, 2^9\})$	87376
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^{10}, 2^5\})$	699056
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^{13}, 2\})$	5592400
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3, 2^{14}\})$	5440
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3^4, 2^{10}\})$	43712
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3^7, 2^6\})$	349504
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3^{10}, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12, 6^7, 4^7, 3, 2^{11}\})$	21760
12	$\mathcal{O}(0; \{12, 6^7, 4^7, 3^4, 2^7\})$	174848
12	$\mathcal{O}(0; \{12, 6^7, 4^7, 3^7, 2^3\})$	1398016
12	$\mathcal{O}(0; \{12, 6^7, 4^9, 3, 2^8\})$	87040
12	$\mathcal{O}(0; \{12, 6^7, 4^9, 3^4, 2^4\})$	699392
12	$\mathcal{O}(0; \{12, 6^7, 4^9, 3^7\})$	5592064
12	$\mathcal{O}(0; \{12, 6^7, 4^{11}, 3, 2^5\})$	348160
12	$\mathcal{O}(0; \{12, 6^7, 4^{11}, 3^4, 2\})$	2797568
12	$\mathcal{O}(0; \{12, 6^7, 4^{13}, 3, 2^2\})$	1392640
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^2, 2^{17}\})$	1364
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^5, 2^{13}\})$	10924
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^8, 2^9\})$	87380
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^{11}, 2^5\})$	699052
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^{14}, 2\})$	5592404
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^2, 2^{14}\})$	5456
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^5, 2^{10}\})$	43696

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^8, 2^6\})$	349520
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^{11}, 2^2\})$	2796208
12	$\mathcal{O}(0; \{12, 6^8, 4^5, 3^2, 2^{11}\})$	21824
12	$\mathcal{O}(0; \{12, 6^8, 4^5, 3^5, 2^7\})$	174784
12	$\mathcal{O}(0; \{12, 6^8, 4^5, 3^8, 2^3\})$	1398080
12	$\mathcal{O}(0; \{12, 6^8, 4^7, 3^2, 2^8\})$	87296
12	$\mathcal{O}(0; \{12, 6^8, 4^7, 3^5, 2^4\})$	699136
12	$\mathcal{O}(0; \{12, 6^8, 4^7, 3^8\})$	5592320
12	$\mathcal{O}(0; \{12, 6^8, 4^9, 3^2, 2^5\})$	349184
12	$\mathcal{O}(0; \{12, 6^8, 4^9, 3^5, 2\})$	2796544
12	$\mathcal{O}(0; \{12, 6^8, 4^{11}, 3^2, 2^2\})$	1396736
12	$\mathcal{O}(0; \{12, 6^9, 4, 2^{18}\})$	684
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^3, 2^{14}\})$	5460
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^6, 2^{10}\})$	43692
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^9, 2^6\})$	349524
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^{12}, 2^2\})$	2796204
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 2^{15}\})$	2736
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 3^3, 2^{11}\})$	21840
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 3^6, 2^7\})$	174768
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 3^9, 2^3\})$	1398096
12	$\mathcal{O}(0; \{12, 6^9, 4^5, 2^{12}\})$	10944
12	$\mathcal{O}(0; \{12, 6^9, 4^5, 3^3, 2^8\})$	87360
12	$\mathcal{O}(0; \{12, 6^9, 4^5, 3^6, 2^4\})$	699072
12	$\mathcal{O}(0; \{12, 6^9, 4^5, 3^9\})$	5592384
12	$\mathcal{O}(0; \{12, 6^9, 4^7, 2^9\})$	43776
12	$\mathcal{O}(0; \{12, 6^9, 4^7, 3^3, 2^5\})$	349440
12	$\mathcal{O}(0; \{12, 6^9, 4^7, 3^6, 2\})$	2796288
12	$\mathcal{O}(0; \{12, 6^9, 4^9, 2^6\})$	175104
12	$\mathcal{O}(0; \{12, 6^9, 4^9, 3^3, 2^2\})$	1397760
12	$\mathcal{O}(0; \{12, 6^9, 4^{11}, 2^3\})$	700416
12	$\mathcal{O}(0; \{12, 6^9, 4^{13}\})$	2801664
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3, 2^{15}\})$	2732
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3^4, 2^{11}\})$	21844
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3^7, 2^7\})$	174764
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3^{10}, 2^3\})$	1398100
12	$\mathcal{O}(0; \{12, 6^{10}, 4^3, 3, 2^{12}\})$	10928
12	$\mathcal{O}(0; \{12, 6^{10}, 4^3, 3^4, 2^8\})$	87376
12	$\mathcal{O}(0; \{12, 6^{10}, 4^3, 3^7, 2^4\})$	699056
12	$\mathcal{O}(0; \{12, 6^{10}, 4^3, 3^{10}\})$	5592400
12	$\mathcal{O}(0; \{12, 6^{10}, 4^5, 3, 2^9\})$	43712
12	$\mathcal{O}(0; \{12, 6^{10}, 4^5, 3^4, 2^5\})$	349504
12	$\mathcal{O}(0; \{12, 6^{10}, 4^5, 3^7, 2\})$	2796224
12	$\mathcal{O}(0; \{12, 6^{10}, 4^7, 3, 2^6\})$	174848

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^{10}, 4^7, 3^4, 2^2\})$	1398016
12	$\mathcal{O}(0; \{12, 6^{10}, 4^9, 3, 2^3\})$	699392
12	$\mathcal{O}(0; \{12, 6^{10}, 4^{11}, 3\})$	2797568
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 3^2, 2^{12}\})$	10924
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 3^5, 2^8\})$	87380
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 3^8, 2^4\})$	699052
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 3^{11}\})$	5592404
12	$\mathcal{O}(0; \{12, 6^{11}, 4^3, 3^2, 2^9\})$	43696
12	$\mathcal{O}(0; \{12, 6^{11}, 4^3, 3^5, 2^5\})$	349520
12	$\mathcal{O}(0; \{12, 6^{11}, 4^3, 3^8, 2\})$	2796208
12	$\mathcal{O}(0; \{12, 6^{11}, 4^5, 3^2, 2^6\})$	174784
12	$\mathcal{O}(0; \{12, 6^{11}, 4^5, 3^5, 2^2\})$	1398080
12	$\mathcal{O}(0; \{12, 6^{11}, 4^7, 3^2, 2^3\})$	699136
12	$\mathcal{O}(0; \{12, 6^{11}, 4^9, 3^2\})$	2796544
12	$\mathcal{O}(0; \{12, 6^{12}, 4, 2^{13}\})$	5460
12	$\mathcal{O}(0; \{12, 6^{12}, 4, 3^3, 2^9\})$	43692
12	$\mathcal{O}(0; \{12, 6^{12}, 4, 3^6, 2^5\})$	349524
12	$\mathcal{O}(0; \{12, 6^{12}, 4, 3^9, 2\})$	2796204
12	$\mathcal{O}(0; \{12, 6^{12}, 4^3, 2^{10}\})$	21840
12	$\mathcal{O}(0; \{12, 6^{12}, 4^3, 3^3, 2^6\})$	174768
12	$\mathcal{O}(0; \{12, 6^{12}, 4^3, 3^6, 2^2\})$	1398096
12	$\mathcal{O}(0; \{12, 6^{12}, 4^5, 2^7\})$	87360
12	$\mathcal{O}(0; \{12, 6^{12}, 4^5, 3^3, 2^3\})$	699072
12	$\mathcal{O}(0; \{12, 6^{12}, 4^7, 2^4\})$	349440
12	$\mathcal{O}(0; \{12, 6^{12}, 4^7, 3^3\})$	2796288
12	$\mathcal{O}(0; \{12, 6^{12}, 4^9, 2\})$	1397760
12	$\mathcal{O}(0; \{12, 6^{13}, 4, 3, 2^{10}\})$	21844
12	$\mathcal{O}(0; \{12, 6^{13}, 4, 3^4, 2^6\})$	174764
12	$\mathcal{O}(0; \{12, 6^{13}, 4, 3^7, 2^2\})$	1398100
12	$\mathcal{O}(0; \{12, 6^{13}, 4^3, 3, 2^7\})$	87376
12	$\mathcal{O}(0; \{12, 6^{13}, 4^3, 3^4, 2^3\})$	699056
12	$\mathcal{O}(0; \{12, 6^{13}, 4^5, 3, 2^4\})$	349504
12	$\mathcal{O}(0; \{12, 6^{13}, 4^5, 3^4\})$	2796224
12	$\mathcal{O}(0; \{12, 6^{13}, 4^7, 3, 2\})$	1398016
12	$\mathcal{O}(0; \{12, 6^{14}, 4, 3^2, 2^7\})$	87380
12	$\mathcal{O}(0; \{12, 6^{14}, 4, 3^5, 2^3\})$	699052
12	$\mathcal{O}(0; \{12, 6^{14}, 4^3, 3^2, 2^4\})$	349520
12	$\mathcal{O}(0; \{12, 6^{14}, 4^3, 3^5\})$	2796208
12	$\mathcal{O}(0; \{12, 6^{14}, 4^5, 3^2, 2\})$	1398080
12	$\mathcal{O}(0; \{12, 6^{15}, 4, 2^8\})$	43692
12	$\mathcal{O}(0; \{12, 6^{15}, 4, 3^3, 2^4\})$	349524
12	$\mathcal{O}(0; \{12, 6^{15}, 4, 3^6\})$	2796204
12	$\mathcal{O}(0; \{12, 6^{15}, 4^3, 2^5\})$	174768

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^{15}, 4^3, 3^3, 2\})$	1398096
12	$\mathcal{O}(0; \{12, 6^{15}, 4^5, 2^2\})$	699072
12	$\mathcal{O}(0; \{12, 6^{16}, 4, 3, 2^5\})$	174764
12	$\mathcal{O}(0; \{12, 6^{16}, 4, 3^4, 2\})$	1398100
12	$\mathcal{O}(0; \{12, 6^{16}, 4^3, 3, 2^2\})$	699056
12	$\mathcal{O}(0; \{12, 6^{17}, 4, 3^2, 2^2\})$	699052
12	$\mathcal{O}(0; \{12, 6^{18}, 4, 2^3\})$	349524
12	$\mathcal{O}(0; \{12, 6^{18}, 4^3\})$	1398096
12	$\mathcal{O}(0; \{12, 6^{19}, 4, 3\})$	1398100
12	$\mathcal{O}(0; \{12^2, 3^2, 2^{30}\})$	12
12	$\mathcal{O}(0; \{12^2, 3^5, 2^{26}\})$	84
12	$\mathcal{O}(0; \{12^2, 3^8, 2^{22}\})$	684
12	$\mathcal{O}(0; \{12^2, 3^{11}, 2^{18}\})$	5460
12	$\mathcal{O}(0; \{12^2, 3^{14}, 2^{14}\})$	43692
12	$\mathcal{O}(0; \{12^2, 3^{17}, 2^{10}\})$	349524
12	$\mathcal{O}(0; \{12^2, 3^{20}, 2^6\})$	2796204
12	$\mathcal{O}(0; \{12^2, 3^{23}, 2^2\})$	22369620
12	$\mathcal{O}(0; \{12^2, 4^2, 3^2, 2^{27}\})$	48
12	$\mathcal{O}(0; \{12^2, 4^2, 3^5, 2^{23}\})$	336
12	$\mathcal{O}(0; \{12^2, 4^2, 3^8, 2^{19}\})$	2736
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{11}, 2^{15}\})$	21840
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{14}, 2^{11}\})$	174768
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{17}, 2^7\})$	1398096
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{20}, 2^3\})$	11184816
12	$\mathcal{O}(0; \{12^2, 4^4, 3^2, 2^{24}\})$	192
12	$\mathcal{O}(0; \{12^2, 4^4, 3^5, 2^{20}\})$	1344
12	$\mathcal{O}(0; \{12^2, 4^4, 3^8, 2^{16}\})$	10944
12	$\mathcal{O}(0; \{12^2, 4^4, 3^{11}, 2^{12}\})$	87360
12	$\mathcal{O}(0; \{12^2, 4^4, 3^{14}, 2^8\})$	699072
12	$\mathcal{O}(0; \{12^2, 4^4, 3^{17}, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^2, 4^4, 3^{20}\})$	44739264
12	$\mathcal{O}(0; \{12^2, 4^6, 3^2, 2^{21}\})$	768
12	$\mathcal{O}(0; \{12^2, 4^6, 3^5, 2^{17}\})$	5376
12	$\mathcal{O}(0; \{12^2, 4^6, 3^8, 2^{13}\})$	43776
12	$\mathcal{O}(0; \{12^2, 4^6, 3^{11}, 2^9\})$	349440
12	$\mathcal{O}(0; \{12^2, 4^6, 3^{14}, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12^2, 4^6, 3^{17}, 2\})$	22369536
12	$\mathcal{O}(0; \{12^2, 4^8, 3^2, 2^{18}\})$	3072
12	$\mathcal{O}(0; \{12^2, 4^8, 3^5, 2^{14}\})$	21504
12	$\mathcal{O}(0; \{12^2, 4^8, 3^8, 2^{10}\})$	175104
12	$\mathcal{O}(0; \{12^2, 4^8, 3^{11}, 2^6\})$	1397760
12	$\mathcal{O}(0; \{12^2, 4^8, 3^{14}, 2^2\})$	11185152
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^2, 2^{15}\})$	12288

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^5, 2^{11}\})$	86016
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^8, 2^7\})$	700416
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^{11}, 2^3\})$	5591040
12	$\mathcal{O}(0; \{12^2, 4^{12}, 3^2, 2^{12}\})$	49152
12	$\mathcal{O}(0; \{12^2, 4^{12}, 3^5, 2^8\})$	344064
12	$\mathcal{O}(0; \{12^2, 4^{12}, 3^8, 2^4\})$	2801664
12	$\mathcal{O}(0; \{12^2, 4^{12}, 3^{11}\})$	22364160
12	$\mathcal{O}(0; \{12^2, 4^{14}, 3^2, 2^9\})$	196608
12	$\mathcal{O}(0; \{12^2, 4^{14}, 3^5, 2^5\})$	1376256
12	$\mathcal{O}(0; \{12^2, 4^{14}, 3^8, 2\})$	11206656
12	$\mathcal{O}(0; \{12^2, 4^{16}, 3^2, 2^6\})$	786432
12	$\mathcal{O}(0; \{12^2, 4^{16}, 3^5, 2^2\})$	5505024
12	$\mathcal{O}(0; \{12^2, 4^{18}, 3^2, 2^3\})$	3145728
12	$\mathcal{O}(0; \{12^2, 4^{20}, 3^2\})$	12582912
12	$\mathcal{O}(0; \{12^2, 6, 2^{31}\})$	4
12	$\mathcal{O}(0; \{12^2, 6, 3^3, 2^{27}\})$	44
12	$\mathcal{O}(0; \{12^2, 6, 3^6, 2^{23}\})$	340
12	$\mathcal{O}(0; \{12^2, 6, 3^9, 2^{19}\})$	2732
12	$\mathcal{O}(0; \{12^2, 6, 3^{12}, 2^{15}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6, 3^{15}, 2^{11}\})$	174764
12	$\mathcal{O}(0; \{12^2, 6, 3^{18}, 2^7\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6, 3^{21}, 2^3\})$	11184812
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 2^{28}\})$	16
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^3, 2^{24}\})$	176
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^6, 2^{20}\})$	1360
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^9, 2^{16}\})$	10928
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{12}, 2^{12}\})$	87376
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{15}, 2^8\})$	699056
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{18}, 2^4\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{21}\})$	44739248
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 2^{25}\})$	64
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^3, 2^{21}\})$	704
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^6, 2^{17}\})$	5440
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^9, 2^{13}\})$	43712
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^{12}, 2^9\})$	349504
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^{15}, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^{18}, 2\})$	22369600
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 2^{22}\})$	256
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^3, 2^{18}\})$	2816
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^6, 2^{14}\})$	21760
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^9, 2^{10}\})$	174848
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^{12}, 2^6\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^{15}, 2^2\})$	11184896

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 2^{19}\})$	1024
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^3, 2^{15}\})$	11264
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^6, 2^{11}\})$	87040
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^9, 2^7\})$	699392
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^{12}, 2^3\})$	5592064
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 2^{16}\})$	4096
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3^3, 2^{12}\})$	45056
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3^6, 2^8\})$	348160
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3^9, 2^4\})$	2797568
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3^{12}\})$	22368256
12	$\mathcal{O}(0; \{12^2, 6, 4^{12}, 2^{13}\})$	16384
12	$\mathcal{O}(0; \{12^2, 6, 4^{12}, 3^3, 2^9\})$	180224
12	$\mathcal{O}(0; \{12^2, 6, 4^{12}, 3^6, 2^5\})$	1392640
12	$\mathcal{O}(0; \{12^2, 6, 4^{12}, 3^9, 2\})$	11190272
12	$\mathcal{O}(0; \{12^2, 6, 4^{14}, 2^{10}\})$	65536
12	$\mathcal{O}(0; \{12^2, 6, 4^{14}, 3^3, 2^6\})$	720896
12	$\mathcal{O}(0; \{12^2, 6, 4^{14}, 3^6, 2^2\})$	5570560
12	$\mathcal{O}(0; \{12^2, 6, 4^{16}, 2^7\})$	262144
12	$\mathcal{O}(0; \{12^2, 6, 4^{16}, 3^3, 2^3\})$	2883584
12	$\mathcal{O}(0; \{12^2, 6, 4^{18}, 2^4\})$	1048576
12	$\mathcal{O}(0; \{12^2, 6, 4^{18}, 3^3\})$	11534336
12	$\mathcal{O}(0; \{12^2, 6, 4^{20}, 2\})$	4194304
12	$\mathcal{O}(0; \{12^2, 6^2, 3, 2^{28}\})$	20
12	$\mathcal{O}(0; \{12^2, 6^2, 3^4, 2^{24}\})$	172
12	$\mathcal{O}(0; \{12^2, 6^2, 3^7, 2^{20}\})$	1364
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{10}, 2^{16}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{13}, 2^{12}\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{16}, 2^8\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{19}, 2^4\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{22}\})$	44739244
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3, 2^{25}\})$	80
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^4, 2^{21}\})$	688
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^7, 2^{17}\})$	5456
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^{10}, 2^{13}\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^{13}, 2^9\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^{16}, 2^5\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^{19}, 2\})$	22369616
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3, 2^{22}\})$	320
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^4, 2^{18}\})$	2752
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^7, 2^{14}\})$	21824
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^{10}, 2^{10}\})$	174784
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^{13}, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^{16}, 2^2\})$	11184832

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3, 2^{19}\})$	1280
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^4, 2^{15}\})$	11008
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^7, 2^{11}\})$	87296
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^{10}, 2^7\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^{13}, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3, 2^{16}\})$	5120
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^4, 2^{12}\})$	44032
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^7, 2^8\})$	349184
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^{10}, 2^4\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^{13}\})$	22369280
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 3, 2^{13}\})$	20480
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 3^4, 2^9\})$	176128
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 3^7, 2^5\})$	1396736
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 3^{10}, 2\})$	11186176
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{12}, 3, 2^{10}\})$	81920
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{12}, 3^4, 2^6\})$	704512
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{12}, 3^7, 2^2\})$	5586944
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{14}, 3, 2^7\})$	327680
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{14}, 3^4, 2^3\})$	2818048
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{16}, 3, 2^4\})$	1310720
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{16}, 3^4\})$	11272192
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{18}, 3, 2\})$	5242880
12	$\mathcal{O}(0; \{12^2, 6^3, 3^2, 2^{25}\})$	84
12	$\mathcal{O}(0; \{12^2, 6^3, 3^5, 2^{21}\})$	684
12	$\mathcal{O}(0; \{12^2, 6^3, 3^8, 2^{17}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{11}, 2^{13}\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{14}, 2^9\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{17}, 2^5\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{20}, 2\})$	22369620
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^2, 2^{22}\})$	336
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^5, 2^{18}\})$	2736
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^8, 2^{14}\})$	21840
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^{11}, 2^{10}\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^{14}, 2^6\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^{17}, 2^2\})$	11184816
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^2, 2^{19}\})$	1344
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^5, 2^{15}\})$	10944
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^8, 2^{11}\})$	87360
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^{11}, 2^7\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^{14}, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^2, 2^{16}\})$	5376
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^5, 2^{12}\})$	43776
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^8, 2^8\})$	349440

Continued on next page

Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^{11}, 2^4\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^{14}\})$	22369536
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3^2, 2^{13}\})$	21504
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3^5, 2^9\})$	175104
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3^8, 2^5\})$	1397760
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3^{11}, 2\})$	11185152
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{10}, 3^2, 2^{10}\})$	86016
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{10}, 3^5, 2^6\})$	700416
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{10}, 3^8, 2^2\})$	5591040
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{12}, 3^2, 2^7\})$	344064
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{12}, 3^5, 2^3\})$	2801664
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{14}, 3^2, 2^4\})$	1376256
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{14}, 3^5\})$	11206656
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{16}, 3^2, 2\})$	5505024
12	$\mathcal{O}(0; \{12^2, 6^4, 2^{26}\})$	44
12	$\mathcal{O}(0; \{12^2, 6^4, 3^3, 2^{22}\})$	340
12	$\mathcal{O}(0; \{12^2, 6^4, 3^6, 2^{18}\})$	2732
12	$\mathcal{O}(0; \{12^2, 6^4, 3^9, 2^{14}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^4, 3^{12}, 2^{10}\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^4, 3^{15}, 2^6\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^4, 3^{18}, 2^2\})$	11184812
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 2^{23}\})$	176
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^3, 2^{19}\})$	1360
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^6, 2^{15}\})$	10928
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^9, 2^{11}\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^{12}, 2^7\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^{15}, 2^3\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 2^{20}\})$	704
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^3, 2^{16}\})$	5440
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^6, 2^{12}\})$	43712
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^9, 2^8\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^{12}, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^{15}\})$	22369600
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 2^{17}\})$	2816
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^3, 2^{13}\})$	21760
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^6, 2^9\})$	174848
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^9, 2^5\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^{12}, 2\})$	11184896
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 2^{14}\})$	11264
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 3^3, 2^{10}\})$	87040
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 3^6, 2^6\})$	699392
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 3^9, 2^2\})$	5592064
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{10}, 2^{11}\})$	45056

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{10}, 3^3, 2^7\})$	348160
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{10}, 3^6, 2^3\})$	2797568
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{12}, 2^8\})$	180224
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{12}, 3^3, 2^4\})$	1392640
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{12}, 3^6\})$	11190272
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{14}, 2^5\})$	720896
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{14}, 3^3, 2\})$	5570560
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{16}, 2^2\})$	2883584
12	$\mathcal{O}(0; \{12^2, 6^5, 3, 2^{23}\})$	172
12	$\mathcal{O}(0; \{12^2, 6^5, 3^4, 2^{19}\})$	1364
12	$\mathcal{O}(0; \{12^2, 6^5, 3^7, 2^{15}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6^5, 3^{10}, 2^{11}\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^5, 3^{13}, 2^7\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^5, 3^{16}, 2^3\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3, 2^{20}\})$	688
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^4, 2^{16}\})$	5456
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^7, 2^{12}\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^{10}, 2^8\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^{13}, 2^4\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^{16}\})$	22369616
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3, 2^{17}\})$	2752
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^4, 2^{13}\})$	21824
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^7, 2^9\})$	174784
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^{10}, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^{13}, 2\})$	11184832
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3, 2^{14}\})$	11008
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3^4, 2^{10}\})$	87296
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3^7, 2^6\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3^{10}, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12^2, 6^5, 4^8, 3, 2^{11}\})$	44032
12	$\mathcal{O}(0; \{12^2, 6^5, 4^8, 3^4, 2^7\})$	349184
12	$\mathcal{O}(0; \{12^2, 6^5, 4^8, 3^7, 2^3\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{10}, 3, 2^8\})$	176128
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{10}, 3^4, 2^4\})$	1396736
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{10}, 3^7\})$	11186176
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{12}, 3, 2^5\})$	704512
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{12}, 3^4, 2\})$	5586944
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{14}, 3, 2^2\})$	2818048
12	$\mathcal{O}(0; \{12^2, 6^6, 3^2, 2^{20}\})$	684
12	$\mathcal{O}(0; \{12^2, 6^6, 3^5, 2^{16}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6^6, 3^8, 2^{12}\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^6, 3^{11}, 2^8\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^6, 3^{14}, 2^4\})$	2796204

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^6, 3^{17}\})$	22369620
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^2, 2^{17}\})$	2736
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^5, 2^{13}\})$	21840
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^8, 2^9\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^{11}, 2^5\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^{14}, 2\})$	11184816
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^2, 2^{14}\})$	10944
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^5, 2^{10}\})$	87360
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^8, 2^6\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^{11}, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^2, 6^6, 4^6, 3^2, 2^{11}\})$	43776
12	$\mathcal{O}(0; \{12^2, 6^6, 4^6, 3^5, 2^7\})$	349440
12	$\mathcal{O}(0; \{12^2, 6^6, 4^6, 3^8, 2^3\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^6, 4^8, 3^2, 2^8\})$	175104
12	$\mathcal{O}(0; \{12^2, 6^6, 4^8, 3^5, 2^4\})$	1397760
12	$\mathcal{O}(0; \{12^2, 6^6, 4^8, 3^8\})$	11185152
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{10}, 3^2, 2^5\})$	700416
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{10}, 3^5, 2\})$	5591040
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{12}, 3^2, 2^2\})$	2801664
12	$\mathcal{O}(0; \{12^2, 6^7, 2^{21}\})$	340
12	$\mathcal{O}(0; \{12^2, 6^7, 3^3, 2^{17}\})$	2732
12	$\mathcal{O}(0; \{12^2, 6^7, 3^6, 2^{13}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^7, 3^9, 2^9\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^7, 3^{12}, 2^5\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^7, 3^{15}, 2\})$	11184812
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 2^{18}\})$	1360
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^3, 2^{14}\})$	10928
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^6, 2^{10}\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^9, 2^6\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^{12}, 2^2\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 2^{15}\})$	5440
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 3^3, 2^{11}\})$	43712
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 3^6, 2^7\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 3^9, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^7, 4^6, 2^{12}\})$	21760
12	$\mathcal{O}(0; \{12^2, 6^7, 4^6, 3^3, 2^8\})$	174848
12	$\mathcal{O}(0; \{12^2, 6^7, 4^6, 3^6, 2^4\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^7, 4^6, 3^9\})$	11184896
12	$\mathcal{O}(0; \{12^2, 6^7, 4^8, 2^9\})$	87040
12	$\mathcal{O}(0; \{12^2, 6^7, 4^8, 3^3, 2^5\})$	699392
12	$\mathcal{O}(0; \{12^2, 6^7, 4^8, 3^6, 2\})$	5592064
12	$\mathcal{O}(0; \{12^2, 6^7, 4^{10}, 2^6\})$	348160
12	$\mathcal{O}(0; \{12^2, 6^7, 4^{10}, 3^3, 2^2\})$	2797568

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^7, 4^{12}, 2^3\})$	1392640
12	$\mathcal{O}(0; \{12^2, 6^7, 4^{14}\})$	5570560
12	$\mathcal{O}(0; \{12^2, 6^8, 3, 2^{18}\})$	1364
12	$\mathcal{O}(0; \{12^2, 6^8, 3^4, 2^{14}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6^8, 3^7, 2^{10}\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^8, 3^{10}, 2^6\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^8, 3^{13}, 2^2\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3, 2^{15}\})$	5456
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3^4, 2^{11}\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3^7, 2^7\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3^{10}, 2^3\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^8, 4^4, 3, 2^{12}\})$	21824
12	$\mathcal{O}(0; \{12^2, 6^8, 4^4, 3^4, 2^8\})$	174784
12	$\mathcal{O}(0; \{12^2, 6^8, 4^4, 3^7, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^8, 4^4, 3^{10}\})$	11184832
12	$\mathcal{O}(0; \{12^2, 6^8, 4^6, 3, 2^9\})$	87296
12	$\mathcal{O}(0; \{12^2, 6^8, 4^6, 3^4, 2^5\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^8, 4^6, 3^7, 2\})$	5592320
12	$\mathcal{O}(0; \{12^2, 6^8, 4^8, 3, 2^6\})$	349184
12	$\mathcal{O}(0; \{12^2, 6^8, 4^8, 3^4, 2^2\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6^8, 4^{10}, 3, 2^3\})$	1396736
12	$\mathcal{O}(0; \{12^2, 6^8, 4^{12}, 3\})$	5586944
12	$\mathcal{O}(0; \{12^2, 6^9, 3^2, 2^{15}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6^9, 3^5, 2^{11}\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^9, 3^8, 2^7\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^9, 3^{11}, 2^3\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 3^2, 2^{12}\})$	21840
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 3^5, 2^8\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 3^8, 2^4\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 3^{11}\})$	11184816
12	$\mathcal{O}(0; \{12^2, 6^9, 4^4, 3^2, 2^9\})$	87360
12	$\mathcal{O}(0; \{12^2, 6^9, 4^4, 3^5, 2^5\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^9, 4^4, 3^8, 2\})$	5592384
12	$\mathcal{O}(0; \{12^2, 6^9, 4^6, 3^2, 2^6\})$	349440
12	$\mathcal{O}(0; \{12^2, 6^9, 4^6, 3^5, 2^2\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^9, 4^8, 3^2, 2^3\})$	1397760
12	$\mathcal{O}(0; \{12^2, 6^9, 4^{10}, 3^2\})$	5591040
12	$\mathcal{O}(0; \{12^2, 6^{10}, 2^{16}\})$	2732
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3^3, 2^{12}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3^6, 2^8\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3^9, 2^4\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3^{12}\})$	11184812
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^2, 2^{13}\})$	10928

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^2, 3^3, 2^9\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^2, 3^6, 2^5\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^2, 3^9, 2\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^4, 2^{10}\})$	43712
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^4, 3^3, 2^6\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^4, 3^6, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^6, 2^7\})$	174848
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^6, 3^3, 2^3\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^8, 2^4\})$	699392
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^8, 3^3\})$	5592064
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^{10}, 2\})$	2797568
12	$\mathcal{O}(0; \{12^2, 6^{11}, 3, 2^{13}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6^{11}, 3^4, 2^9\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^{11}, 3^7, 2^5\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^{11}, 3^{10}, 2\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^2, 3, 2^{10}\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^2, 3^4, 2^6\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^2, 3^7, 2^2\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^4, 3, 2^7\})$	174784
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^4, 3^4, 2^3\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^6, 3, 2^4\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^6, 3^4\})$	5592320
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^8, 3, 2\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6^{12}, 3^2, 2^{10}\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^{12}, 3^5, 2^6\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^{12}, 3^8, 2^2\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^2, 3^2, 2^7\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^2, 3^5, 2^3\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^4, 3^2, 2^4\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^4, 3^5\})$	5592384
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^6, 3^2, 2\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^{13}, 2^{11}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^{13}, 3^3, 2^7\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^{13}, 3^6, 2^3\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^2, 2^8\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^2, 3^3, 2^4\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^2, 3^6\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^4, 2^5\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^4, 3^3, 2\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^6, 2^2\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^{14}, 3, 2^8\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^{14}, 3^4, 2^4\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^{14}, 3^7\})$	5592404

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^{14}, 4^2, 3, 2^5\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^{14}, 4^2, 3^4, 2\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^{14}, 4^4, 3, 2^2\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^{15}, 3^2, 2^5\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^{15}, 3^5, 2\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^{15}, 4^2, 3^2, 2^2\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^{16}, 2^6\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^{16}, 3^3, 2^2\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^{16}, 4^2, 2^3\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^{16}, 4^4\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^{17}, 3, 2^3\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^{17}, 4^2, 3\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^{18}, 3^2\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^{19}, 2\})$	1398100
12	$\mathcal{O}(0; \{12^3, 4, 3, 2^{28}\})$	48
12	$\mathcal{O}(0; \{12^3, 4, 3^4, 2^{24}\})$	336
12	$\mathcal{O}(0; \{12^3, 4, 3^7, 2^{20}\})$	2736
12	$\mathcal{O}(0; \{12^3, 4, 3^{10}, 2^{16}\})$	21840
12	$\mathcal{O}(0; \{12^3, 4, 3^{13}, 2^{12}\})$	174768
12	$\mathcal{O}(0; \{12^3, 4, 3^{16}, 2^8\})$	1398096
12	$\mathcal{O}(0; \{12^3, 4, 3^{19}, 2^4\})$	11184816
12	$\mathcal{O}(0; \{12^3, 4, 3^{22}\})$	89478480
12	$\mathcal{O}(0; \{12^3, 4^3, 3, 2^{25}\})$	192
12	$\mathcal{O}(0; \{12^3, 4^3, 3^4, 2^{21}\})$	1344
12	$\mathcal{O}(0; \{12^3, 4^3, 3^7, 2^{17}\})$	10944
12	$\mathcal{O}(0; \{12^3, 4^3, 3^{10}, 2^{13}\})$	87360
12	$\mathcal{O}(0; \{12^3, 4^3, 3^{13}, 2^9\})$	699072
12	$\mathcal{O}(0; \{12^3, 4^3, 3^{16}, 2^5\})$	5592384
12	$\mathcal{O}(0; \{12^3, 4^3, 3^{19}, 2\})$	44739264
12	$\mathcal{O}(0; \{12^3, 4^5, 3, 2^{22}\})$	768
12	$\mathcal{O}(0; \{12^3, 4^5, 3^4, 2^{18}\})$	5376
12	$\mathcal{O}(0; \{12^3, 4^5, 3^7, 2^{14}\})$	43776
12	$\mathcal{O}(0; \{12^3, 4^5, 3^{10}, 2^{10}\})$	349440
12	$\mathcal{O}(0; \{12^3, 4^5, 3^{13}, 2^6\})$	2796288
12	$\mathcal{O}(0; \{12^3, 4^5, 3^{16}, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^3, 4^7, 3, 2^{19}\})$	3072
12	$\mathcal{O}(0; \{12^3, 4^7, 3^4, 2^{15}\})$	21504
12	$\mathcal{O}(0; \{12^3, 4^7, 3^7, 2^{11}\})$	175104
12	$\mathcal{O}(0; \{12^3, 4^7, 3^{10}, 2^7\})$	1397760
12	$\mathcal{O}(0; \{12^3, 4^7, 3^{13}, 2^3\})$	11185152
12	$\mathcal{O}(0; \{12^3, 4^9, 3, 2^{16}\})$	12288
12	$\mathcal{O}(0; \{12^3, 4^9, 3^4, 2^{12}\})$	86016
12	$\mathcal{O}(0; \{12^3, 4^9, 3^7, 2^8\})$	700416

Continued on next page

Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 4^9, 3^{10}, 2^4\})$	5591040
12	$\mathcal{O}(0; \{12^3, 4^9, 3^{13}\})$	44740608
12	$\mathcal{O}(0; \{12^3, 4^{11}, 3, 2^{13}\})$	49152
12	$\mathcal{O}(0; \{12^3, 4^{11}, 3^4, 2^9\})$	344064
12	$\mathcal{O}(0; \{12^3, 4^{11}, 3^7, 2^5\})$	2801664
12	$\mathcal{O}(0; \{12^3, 4^{11}, 3^{10}, 2\})$	22364160
12	$\mathcal{O}(0; \{12^3, 4^{13}, 3, 2^{10}\})$	196608
12	$\mathcal{O}(0; \{12^3, 4^{13}, 3^4, 2^6\})$	1376256
12	$\mathcal{O}(0; \{12^3, 4^{13}, 3^7, 2^2\})$	11206656
12	$\mathcal{O}(0; \{12^3, 4^{15}, 3, 2^7\})$	786432
12	$\mathcal{O}(0; \{12^3, 4^{15}, 3^4, 2^3\})$	5505024
12	$\mathcal{O}(0; \{12^3, 4^{17}, 3, 2^4\})$	3145728
12	$\mathcal{O}(0; \{12^3, 4^{17}, 3^4\})$	22020096
12	$\mathcal{O}(0; \{12^3, 4^{19}, 3, 2\})$	12582912
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^2, 2^{25}\})$	176
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^5, 2^{21}\})$	1360
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^8, 2^{17}\})$	10928
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{11}, 2^{13}\})$	87376
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{14}, 2^9\})$	699056
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{17}, 2^5\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{20}, 2\})$	44739248
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^2, 2^{22}\})$	704
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^5, 2^{18}\})$	5440
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^8, 2^{14}\})$	43712
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^{11}, 2^{10}\})$	349504
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^{14}, 2^6\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^{17}, 2^2\})$	22369600
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^2, 2^{19}\})$	2816
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^5, 2^{15}\})$	21760
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^8, 2^{11}\})$	174848
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^{11}, 2^7\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^{14}, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^2, 2^{16}\})$	11264
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^5, 2^{12}\})$	87040
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^8, 2^8\})$	699392
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^{11}, 2^4\})$	5592064
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^{14}\})$	44739584
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3^2, 2^{13}\})$	45056
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3^5, 2^9\})$	348160
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3^8, 2^5\})$	2797568
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3^{11}, 2\})$	22368256
12	$\mathcal{O}(0; \{12^3, 6, 4^{11}, 3^2, 2^{10}\})$	180224
12	$\mathcal{O}(0; \{12^3, 6, 4^{11}, 3^5, 2^6\})$	1392640

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6, 4^{11}, 3^8, 2^2\})$	11190272
12	$\mathcal{O}(0; \{12^3, 6, 4^{13}, 3^2, 2^7\})$	720896
12	$\mathcal{O}(0; \{12^3, 6, 4^{13}, 3^5, 2^3\})$	5570560
12	$\mathcal{O}(0; \{12^3, 6, 4^{15}, 3^2, 2^4\})$	2883584
12	$\mathcal{O}(0; \{12^3, 6, 4^{15}, 3^5\})$	22282240
12	$\mathcal{O}(0; \{12^3, 6, 4^{17}, 3^2, 2\})$	11534336
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 2^{26}\})$	80
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^3, 2^{22}\})$	688
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^6, 2^{18}\})$	5456
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^9, 2^{14}\})$	43696
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^{12}, 2^{10}\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^{15}, 2^6\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^{18}, 2^2\})$	22369616
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 2^{23}\})$	320
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^3, 2^{19}\})$	2752
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^6, 2^{15}\})$	21824
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^9, 2^{11}\})$	174784
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^{12}, 2^7\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^{15}, 2^3\})$	11184832
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 2^{20}\})$	1280
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^3, 2^{16}\})$	11008
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^6, 2^{12}\})$	87296
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^9, 2^8\})$	699136
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^{12}, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^{15}\})$	44739328
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 2^{17}\})$	5120
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^3, 2^{13}\})$	44032
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^6, 2^9\})$	349184
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^9, 2^5\})$	2796544
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^{12}, 2\})$	22369280
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 2^{14}\})$	20480
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 3^3, 2^{10}\})$	176128
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 3^6, 2^6\})$	1396736
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 3^9, 2^2\})$	11186176
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{11}, 2^{11}\})$	81920
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{11}, 3^3, 2^7\})$	704512
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{11}, 3^6, 2^3\})$	5586944
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{13}, 2^8\})$	327680
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{13}, 3^3, 2^4\})$	2818048
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{13}, 3^6\})$	22347776
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{15}, 2^5\})$	1310720
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{15}, 3^3, 2\})$	11272192
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{17}, 2^2\})$	5242880

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3, 2^{23}\})$	336
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^4, 2^{19}\})$	2736
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^7, 2^{15}\})$	21840
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^{10}, 2^{11}\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^{13}, 2^7\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^{16}, 2^3\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3, 2^{20}\})$	1344
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^4, 2^{16}\})$	10944
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^7, 2^{12}\})$	87360
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^{10}, 2^8\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^{13}, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^{16}\})$	44739264
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3, 2^{17}\})$	5376
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^4, 2^{13}\})$	43776
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^7, 2^9\})$	349440
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^{10}, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^{13}, 2\})$	22369536
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3, 2^{14}\})$	21504
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3^4, 2^{10}\})$	175104
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3^7, 2^6\})$	1397760
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3^{10}, 2^2\})$	11185152
12	$\mathcal{O}(0; \{12^3, 6^3, 4^9, 3, 2^{11}\})$	86016
12	$\mathcal{O}(0; \{12^3, 6^3, 4^9, 3^4, 2^7\})$	700416
12	$\mathcal{O}(0; \{12^3, 6^3, 4^9, 3^7, 2^3\})$	5591040
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{11}, 3, 2^8\})$	344064
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{11}, 3^4, 2^4\})$	2801664
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{11}, 3^7\})$	22364160
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{13}, 3, 2^5\})$	1376256
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{13}, 3^4, 2\})$	11206656
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{15}, 3, 2^2\})$	5505024
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^2, 2^{20}\})$	1360
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^5, 2^{16}\})$	10928
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^8, 2^{12}\})$	87376
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^{11}, 2^8\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^{14}, 2^4\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^{17}\})$	44739248
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^2, 2^{17}\})$	5440
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^5, 2^{13}\})$	43712
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^8, 2^9\})$	349504
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^{11}, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^{14}, 2\})$	22369600
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^2, 2^{14}\})$	21760
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^5, 2^{10}\})$	174848

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^8, 2^6\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^{11}, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^3, 6^4, 4^7, 3^2, 2^{11}\})$	87040
12	$\mathcal{O}(0; \{12^3, 6^4, 4^7, 3^5, 2^7\})$	699392
12	$\mathcal{O}(0; \{12^3, 6^4, 4^7, 3^8, 2^3\})$	5592064
12	$\mathcal{O}(0; \{12^3, 6^4, 4^9, 3^2, 2^8\})$	348160
12	$\mathcal{O}(0; \{12^3, 6^4, 4^9, 3^5, 2^4\})$	2797568
12	$\mathcal{O}(0; \{12^3, 6^4, 4^9, 3^8\})$	22368256
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{11}, 3^2, 2^5\})$	1392640
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{11}, 3^5, 2\})$	11190272
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{13}, 3^2, 2^2\})$	5570560
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 2^{21}\})$	688
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^3, 2^{17}\})$	5456
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^6, 2^{13}\})$	43696
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^9, 2^9\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^{12}, 2^5\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^{15}, 2\})$	22369616
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 2^{18}\})$	2752
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^3, 2^{14}\})$	21824
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^6, 2^{10}\})$	174784
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^9, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^{12}, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 2^{15}\})$	11008
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 3^3, 2^{11}\})$	87296
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 3^6, 2^7\})$	699136
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 3^9, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^5, 4^7, 2^{12}\})$	44032
12	$\mathcal{O}(0; \{12^3, 6^5, 4^7, 3^3, 2^8\})$	349184
12	$\mathcal{O}(0; \{12^3, 6^5, 4^7, 3^6, 2^4\})$	2796544
12	$\mathcal{O}(0; \{12^3, 6^5, 4^7, 3^9\})$	22369280
12	$\mathcal{O}(0; \{12^3, 6^5, 4^9, 2^9\})$	176128
12	$\mathcal{O}(0; \{12^3, 6^5, 4^9, 3^3, 2^5\})$	1396736
12	$\mathcal{O}(0; \{12^3, 6^5, 4^9, 3^6, 2\})$	11186176
12	$\mathcal{O}(0; \{12^3, 6^5, 4^{11}, 2^6\})$	704512
12	$\mathcal{O}(0; \{12^3, 6^5, 4^{11}, 3^3, 2^2\})$	5586944
12	$\mathcal{O}(0; \{12^3, 6^5, 4^{13}, 2^3\})$	2818048
12	$\mathcal{O}(0; \{12^3, 6^5, 4^{15}\})$	11272192
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3, 2^{18}\})$	2736
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^4, 2^{14}\})$	21840
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^7, 2^{10}\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^{10}, 2^6\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^{13}, 2^2\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3, 2^{15}\})$	10944

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3^4, 2^{11}\})$	87360
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3^7, 2^7\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3^{10}, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^6, 4^5, 3, 2^{12}\})$	43776
12	$\mathcal{O}(0; \{12^3, 6^6, 4^5, 3^4, 2^8\})$	349440
12	$\mathcal{O}(0; \{12^3, 6^6, 4^5, 3^7, 2^4\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^6, 4^5, 3^{10}\})$	22369536
12	$\mathcal{O}(0; \{12^3, 6^6, 4^7, 3, 2^9\})$	175104
12	$\mathcal{O}(0; \{12^3, 6^6, 4^7, 3^4, 2^5\})$	1397760
12	$\mathcal{O}(0; \{12^3, 6^6, 4^7, 3^7, 2\})$	11185152
12	$\mathcal{O}(0; \{12^3, 6^6, 4^9, 3, 2^6\})$	700416
12	$\mathcal{O}(0; \{12^3, 6^6, 4^9, 3^4, 2^2\})$	5591040
12	$\mathcal{O}(0; \{12^3, 6^6, 4^{11}, 3, 2^3\})$	2801664
12	$\mathcal{O}(0; \{12^3, 6^6, 4^{13}, 3\})$	11206656
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^2, 2^{15}\})$	10928
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^5, 2^{11}\})$	87376
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^8, 2^7\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^{11}, 2^3\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 3^2, 2^{12}\})$	43712
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 3^5, 2^8\})$	349504
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 3^8, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 3^{11}\})$	22369600
12	$\mathcal{O}(0; \{12^3, 6^7, 4^5, 3^2, 2^9\})$	174848
12	$\mathcal{O}(0; \{12^3, 6^7, 4^5, 3^5, 2^5\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^7, 4^5, 3^8, 2\})$	11184896
12	$\mathcal{O}(0; \{12^3, 6^7, 4^7, 3^2, 2^6\})$	699392
12	$\mathcal{O}(0; \{12^3, 6^7, 4^7, 3^5, 2^2\})$	5592064
12	$\mathcal{O}(0; \{12^3, 6^7, 4^9, 3^2, 2^3\})$	2797568
12	$\mathcal{O}(0; \{12^3, 6^7, 4^{11}, 3^2\})$	11190272
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 2^{16}\})$	5456
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3^3, 2^{12}\})$	43696
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3^6, 2^8\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3^9, 2^4\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3^{12}\})$	22369616
12	$\mathcal{O}(0; \{12^3, 6^8, 4^3, 2^{13}\})$	21824
12	$\mathcal{O}(0; \{12^3, 6^8, 4^3, 3^3, 2^9\})$	174784
12	$\mathcal{O}(0; \{12^3, 6^8, 4^3, 3^6, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^8, 4^3, 3^9, 2\})$	11184832
12	$\mathcal{O}(0; \{12^3, 6^8, 4^5, 2^{10}\})$	87296
12	$\mathcal{O}(0; \{12^3, 6^8, 4^5, 3^3, 2^6\})$	699136
12	$\mathcal{O}(0; \{12^3, 6^8, 4^5, 3^6, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^8, 4^7, 2^7\})$	349184
12	$\mathcal{O}(0; \{12^3, 6^8, 4^7, 3^3, 2^3\})$	2796544

Continued on next page

Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^8, 4^9, 2^4\})$	1396736
12	$\mathcal{O}(0; \{12^3, 6^8, 4^9, 3^3\})$	11186176
12	$\mathcal{O}(0; \{12^3, 6^8, 4^{11}, 2\})$	5586944
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 3, 2^{13}\})$	21840
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 3^4, 2^9\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 3^7, 2^5\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 3^{10}, 2\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6^9, 4^3, 3, 2^{10}\})$	87360
12	$\mathcal{O}(0; \{12^3, 6^9, 4^3, 3^4, 2^6\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^9, 4^3, 3^7, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^9, 4^5, 3, 2^7\})$	349440
12	$\mathcal{O}(0; \{12^3, 6^9, 4^5, 3^4, 2^3\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^9, 4^7, 3, 2^4\})$	1397760
12	$\mathcal{O}(0; \{12^3, 6^9, 4^7, 3^4\})$	11185152
12	$\mathcal{O}(0; \{12^3, 6^9, 4^9, 3, 2\})$	5591040
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4, 3^2, 2^{10}\})$	87376
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4, 3^5, 2^6\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4, 3^8, 2^2\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^3, 3^2, 2^7\})$	349504
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^3, 3^5, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^5, 3^2, 2^4\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^5, 3^5\})$	11184896
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^7, 3^2, 2\})$	5592064
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4, 2^{11}\})$	43696
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4, 3^3, 2^7\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4, 3^6, 2^3\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^3, 2^8\})$	174784
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^3, 3^3, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^3, 3^6\})$	11184832
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^5, 2^5\})$	699136
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^5, 3^3, 2\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^7, 2^2\})$	2796544
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4, 3, 2^8\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4, 3^4, 2^4\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4, 3^7\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4^3, 3, 2^5\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4^3, 3^4, 2\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4^5, 3, 2^2\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4, 3^2, 2^5\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4, 3^5, 2\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4^3, 3^2, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^{14}, 4, 2^6\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^{14}, 4, 3^3, 2^2\})$	2796208

Continued on next page

Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^{14}, 4^3, 2^3\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^{14}, 4^5\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^{15}, 4, 3, 2^3\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^{15}, 4^3, 3\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^{16}, 4, 3^2\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^{17}, 4, 2\})$	2796208
12	$\mathcal{O}(0; \{12^4, 2^{29}\})$	48
12	$\mathcal{O}(0; \{12^4, 3^3, 2^{25}\})$	336
12	$\mathcal{O}(0; \{12^4, 3^6, 2^{21}\})$	2736
12	$\mathcal{O}(0; \{12^4, 3^9, 2^{17}\})$	21840
12	$\mathcal{O}(0; \{12^4, 3^{12}, 2^{13}\})$	174768
12	$\mathcal{O}(0; \{12^4, 3^{15}, 2^9\})$	1398096
12	$\mathcal{O}(0; \{12^4, 3^{18}, 2^5\})$	11184816
12	$\mathcal{O}(0; \{12^4, 3^{21}, 2\})$	89478480
12	$\mathcal{O}(0; \{12^4, 4^2, 2^{26}\})$	192
12	$\mathcal{O}(0; \{12^4, 4^2, 3^3, 2^{22}\})$	1344
12	$\mathcal{O}(0; \{12^4, 4^2, 3^6, 2^{18}\})$	10944
12	$\mathcal{O}(0; \{12^4, 4^2, 3^9, 2^{14}\})$	87360
12	$\mathcal{O}(0; \{12^4, 4^2, 3^{12}, 2^{10}\})$	699072
12	$\mathcal{O}(0; \{12^4, 4^2, 3^{15}, 2^6\})$	5592384
12	$\mathcal{O}(0; \{12^4, 4^2, 3^{18}, 2^2\})$	44739264
12	$\mathcal{O}(0; \{12^4, 4^4, 2^{23}\})$	768
12	$\mathcal{O}(0; \{12^4, 4^4, 3^3, 2^{19}\})$	5376
12	$\mathcal{O}(0; \{12^4, 4^4, 3^6, 2^{15}\})$	43776
12	$\mathcal{O}(0; \{12^4, 4^4, 3^9, 2^{11}\})$	349440
12	$\mathcal{O}(0; \{12^4, 4^4, 3^{12}, 2^7\})$	2796288
12	$\mathcal{O}(0; \{12^4, 4^4, 3^{15}, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^4, 4^6, 2^{20}\})$	3072
12	$\mathcal{O}(0; \{12^4, 4^6, 3^3, 2^{16}\})$	21504
12	$\mathcal{O}(0; \{12^4, 4^6, 3^6, 2^{12}\})$	175104
12	$\mathcal{O}(0; \{12^4, 4^6, 3^9, 2^8\})$	1397760
12	$\mathcal{O}(0; \{12^4, 4^6, 3^{12}, 2^4\})$	11185152
12	$\mathcal{O}(0; \{12^4, 4^6, 3^{15}\})$	89478144
12	$\mathcal{O}(0; \{12^4, 4^8, 2^{17}\})$	12288
12	$\mathcal{O}(0; \{12^4, 4^8, 3^3, 2^{13}\})$	86016
12	$\mathcal{O}(0; \{12^4, 4^8, 3^6, 2^9\})$	700416
12	$\mathcal{O}(0; \{12^4, 4^8, 3^9, 2^5\})$	5591040
12	$\mathcal{O}(0; \{12^4, 4^8, 3^{12}, 2\})$	44740608
12	$\mathcal{O}(0; \{12^4, 4^{10}, 2^{14}\})$	49152
12	$\mathcal{O}(0; \{12^4, 4^{10}, 3^3, 2^{10}\})$	344064
12	$\mathcal{O}(0; \{12^4, 4^{10}, 3^6, 2^6\})$	2801664
12	$\mathcal{O}(0; \{12^4, 4^{10}, 3^9, 2^2\})$	22364160
12	$\mathcal{O}(0; \{12^4, 4^{12}, 2^{11}\})$	196608

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 4^{12}, 3^3, 2^7\})$	1376256
12	$\mathcal{O}(0; \{12^4, 4^{12}, 3^6, 2^3\})$	11206656
12	$\mathcal{O}(0; \{12^4, 4^{14}, 2^8\})$	786432
12	$\mathcal{O}(0; \{12^4, 4^{14}, 3^3, 2^4\})$	5505024
12	$\mathcal{O}(0; \{12^4, 4^{14}, 3^6\})$	44826624
12	$\mathcal{O}(0; \{12^4, 4^{16}, 2^5\})$	3145728
12	$\mathcal{O}(0; \{12^4, 4^{16}, 3^3, 2\})$	22020096
12	$\mathcal{O}(0; \{12^4, 4^{18}, 2^2\})$	12582912
12	$\mathcal{O}(0; \{12^4, 6, 3, 2^{26}\})$	176
12	$\mathcal{O}(0; \{12^4, 6, 3^4, 2^{22}\})$	1360
12	$\mathcal{O}(0; \{12^4, 6, 3^7, 2^{18}\})$	10928
12	$\mathcal{O}(0; \{12^4, 6, 3^{10}, 2^{14}\})$	87376
12	$\mathcal{O}(0; \{12^4, 6, 3^{13}, 2^{10}\})$	699056
12	$\mathcal{O}(0; \{12^4, 6, 3^{16}, 2^6\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6, 3^{19}, 2^2\})$	44739248
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3, 2^{23}\})$	704
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^4, 2^{19}\})$	5440
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^7, 2^{15}\})$	43712
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^{10}, 2^{11}\})$	349504
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^{13}, 2^7\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^{16}, 2^3\})$	22369600
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3, 2^{20}\})$	2816
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^4, 2^{16}\})$	21760
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^7, 2^{12}\})$	174848
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^{10}, 2^8\})$	1398016
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^{13}, 2^4\})$	11184896
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^{16}\})$	89478400
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3, 2^{17}\})$	11264
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^4, 2^{13}\})$	87040
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^7, 2^9\})$	699392
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^{10}, 2^5\})$	5592064
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^{13}, 2\})$	44739584
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3, 2^{14}\})$	45056
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3^4, 2^{10}\})$	348160
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3^7, 2^6\})$	2797568
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3^{10}, 2^2\})$	22368256
12	$\mathcal{O}(0; \{12^4, 6, 4^{10}, 3, 2^{11}\})$	180224
12	$\mathcal{O}(0; \{12^4, 6, 4^{10}, 3^4, 2^7\})$	1392640
12	$\mathcal{O}(0; \{12^4, 6, 4^{10}, 3^7, 2^3\})$	11190272
12	$\mathcal{O}(0; \{12^4, 6, 4^{12}, 3, 2^8\})$	720896
12	$\mathcal{O}(0; \{12^4, 6, 4^{12}, 3^4, 2^4\})$	5570560
12	$\mathcal{O}(0; \{12^4, 6, 4^{12}, 3^7\})$	44761088
12	$\mathcal{O}(0; \{12^4, 6, 4^{14}, 3, 2^5\})$	2883584

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6, 4^{14}, 3^4, 2\})$	22282240
12	$\mathcal{O}(0; \{12^4, 6, 4^{16}, 3, 2^2\})$	11534336
12	$\mathcal{O}(0; \{12^4, 6^2, 3^2, 2^{23}\})$	688
12	$\mathcal{O}(0; \{12^4, 6^2, 3^5, 2^{19}\})$	5456
12	$\mathcal{O}(0; \{12^4, 6^2, 3^8, 2^{15}\})$	43696
12	$\mathcal{O}(0; \{12^4, 6^2, 3^{11}, 2^{11}\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^2, 3^{14}, 2^7\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^2, 3^{17}, 2^3\})$	22369616
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^2, 2^{20}\})$	2752
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^5, 2^{16}\})$	21824
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^8, 2^{12}\})$	174784
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^{11}, 2^8\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^{14}, 2^4\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^{17}\})$	89478464
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^2, 2^{17}\})$	11008
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^5, 2^{13}\})$	87296
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^8, 2^9\})$	699136
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^{11}, 2^5\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^{14}, 2\})$	44739328
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^2, 2^{14}\})$	44032
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^5, 2^{10}\})$	349184
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^8, 2^6\})$	2796544
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^{11}, 2^2\})$	22369280
12	$\mathcal{O}(0; \{12^4, 6^2, 4^8, 3^2, 2^{11}\})$	176128
12	$\mathcal{O}(0; \{12^4, 6^2, 4^8, 3^5, 2^7\})$	1396736
12	$\mathcal{O}(0; \{12^4, 6^2, 4^8, 3^8, 2^3\})$	11186176
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{10}, 3^2, 2^8\})$	704512
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{10}, 3^5, 2^4\})$	5586944
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{10}, 3^8\})$	44744704
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{12}, 3^2, 2^5\})$	2818048
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{12}, 3^5, 2\})$	22347776
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{14}, 3^2, 2^2\})$	11272192
12	$\mathcal{O}(0; \{12^4, 6^3, 2^{24}\})$	336
12	$\mathcal{O}(0; \{12^4, 6^3, 3^3, 2^{20}\})$	2736
12	$\mathcal{O}(0; \{12^4, 6^3, 3^6, 2^{16}\})$	21840
12	$\mathcal{O}(0; \{12^4, 6^3, 3^9, 2^{12}\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^3, 3^{12}, 2^8\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^3, 3^{15}, 2^4\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^3, 3^{18}\})$	89478480
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 2^{21}\})$	1344
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^3, 2^{17}\})$	10944
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^6, 2^{13}\})$	87360
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^9, 2^9\})$	699072

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^{12}, 2^5\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^{15}, 2\})$	44739264
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 2^{18}\})$	5376
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^3, 2^{14}\})$	43776
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^6, 2^{10}\})$	349440
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^9, 2^6\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^{12}, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 2^{15}\})$	21504
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 3^3, 2^{11}\})$	175104
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 3^6, 2^7\})$	1397760
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 3^9, 2^3\})$	11185152
12	$\mathcal{O}(0; \{12^4, 6^3, 4^8, 2^{12}\})$	86016
12	$\mathcal{O}(0; \{12^4, 6^3, 4^8, 3^3, 2^8\})$	700416
12	$\mathcal{O}(0; \{12^4, 6^3, 4^8, 3^6, 2^4\})$	5591040
12	$\mathcal{O}(0; \{12^4, 6^3, 4^8, 3^9\})$	44740608
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{10}, 2^9\})$	344064
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{10}, 3^3, 2^5\})$	2801664
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{10}, 3^6, 2\})$	22364160
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{12}, 2^6\})$	1376256
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{12}, 3^3, 2^2\})$	11206656
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{14}, 2^3\})$	5505024
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{16}\})$	22020096
12	$\mathcal{O}(0; \{12^4, 6^4, 3, 2^{21}\})$	1360
12	$\mathcal{O}(0; \{12^4, 6^4, 3^4, 2^{17}\})$	10928
12	$\mathcal{O}(0; \{12^4, 6^4, 3^7, 2^{13}\})$	87376
12	$\mathcal{O}(0; \{12^4, 6^4, 3^{10}, 2^9\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^4, 3^{13}, 2^5\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^4, 3^{16}, 2\})$	44739248
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3, 2^{18}\})$	5440
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^4, 2^{14}\})$	43712
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^7, 2^{10}\})$	349504
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^{10}, 2^6\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^{13}, 2^2\})$	22369600
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3, 2^{15}\})$	21760
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3^4, 2^{11}\})$	174848
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3^7, 2^7\})$	1398016
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3^{10}, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^4, 6^4, 4^6, 3, 2^{12}\})$	87040
12	$\mathcal{O}(0; \{12^4, 6^4, 4^6, 3^4, 2^8\})$	699392
12	$\mathcal{O}(0; \{12^4, 6^4, 4^6, 3^7, 2^4\})$	5592064
12	$\mathcal{O}(0; \{12^4, 6^4, 4^6, 3^{10}\})$	44739584
12	$\mathcal{O}(0; \{12^4, 6^4, 4^8, 3, 2^9\})$	348160
12	$\mathcal{O}(0; \{12^4, 6^4, 4^8, 3^4, 2^5\})$	2797568

Continued on next page

Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^4, 4^8, 3^7, 2\})$	22368256
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{10}, 3, 2^6\})$	1392640
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{10}, 3^4, 2^2\})$	11190272
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{12}, 3, 2^3\})$	5570560
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{14}, 3\})$	22282240
12	$\mathcal{O}(0; \{12^4, 6^5, 3^2, 2^{18}\})$	5456
12	$\mathcal{O}(0; \{12^4, 6^5, 3^5, 2^{14}\})$	43696
12	$\mathcal{O}(0; \{12^4, 6^5, 3^8, 2^{10}\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^5, 3^{11}, 2^6\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^5, 3^{14}, 2^2\})$	22369616
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^2, 2^{15}\})$	21824
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^5, 2^{11}\})$	174784
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^8, 2^7\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^{11}, 2^3\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 3^2, 2^{12}\})$	87296
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 3^5, 2^8\})$	699136
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 3^8, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 3^{11}\})$	44739328
12	$\mathcal{O}(0; \{12^4, 6^5, 4^6, 3^2, 2^9\})$	349184
12	$\mathcal{O}(0; \{12^4, 6^5, 4^6, 3^5, 2^5\})$	2796544
12	$\mathcal{O}(0; \{12^4, 6^5, 4^6, 3^8, 2\})$	22369280
12	$\mathcal{O}(0; \{12^4, 6^5, 4^8, 3^2, 2^6\})$	1396736
12	$\mathcal{O}(0; \{12^4, 6^5, 4^8, 3^5, 2^2\})$	11186176
12	$\mathcal{O}(0; \{12^4, 6^5, 4^{10}, 3^2, 2^3\})$	5586944
12	$\mathcal{O}(0; \{12^4, 6^5, 4^{12}, 3^2\})$	22347776
12	$\mathcal{O}(0; \{12^4, 6^6, 2^{19}\})$	2736
12	$\mathcal{O}(0; \{12^4, 6^6, 3^3, 2^{15}\})$	21840
12	$\mathcal{O}(0; \{12^4, 6^6, 3^6, 2^{11}\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^6, 3^9, 2^7\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^6, 3^{12}, 2^3\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 2^{16}\})$	10944
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3^3, 2^{12}\})$	87360
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3^6, 2^8\})$	699072
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3^9, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3^{12}\})$	44739264
12	$\mathcal{O}(0; \{12^4, 6^6, 4^4, 2^{13}\})$	43776
12	$\mathcal{O}(0; \{12^4, 6^6, 4^4, 3^3, 2^9\})$	349440
12	$\mathcal{O}(0; \{12^4, 6^6, 4^4, 3^6, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6^6, 4^4, 3^9, 2\})$	22369536
12	$\mathcal{O}(0; \{12^4, 6^6, 4^6, 2^{10}\})$	175104
12	$\mathcal{O}(0; \{12^4, 6^6, 4^6, 3^3, 2^6\})$	1397760
12	$\mathcal{O}(0; \{12^4, 6^6, 4^6, 3^6, 2^2\})$	11185152
12	$\mathcal{O}(0; \{12^4, 6^6, 4^8, 2^7\})$	700416

Continued on next page

Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^6, 4^8, 3^3, 2^3\})$	5591040
12	$\mathcal{O}(0; \{12^4, 6^6, 4^{10}, 2^4\})$	2801664
12	$\mathcal{O}(0; \{12^4, 6^6, 4^{10}, 3^3\})$	22364160
12	$\mathcal{O}(0; \{12^4, 6^6, 4^{12}, 2\})$	11206656
12	$\mathcal{O}(0; \{12^4, 6^7, 3, 2^{16}\})$	10928
12	$\mathcal{O}(0; \{12^4, 6^7, 3^4, 2^{12}\})$	87376
12	$\mathcal{O}(0; \{12^4, 6^7, 3^7, 2^8\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^7, 3^{10}, 2^4\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^7, 3^{13}\})$	44739248
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 3, 2^{13}\})$	43712
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 3^4, 2^9\})$	349504
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 3^7, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 3^{10}, 2\})$	22369600
12	$\mathcal{O}(0; \{12^4, 6^7, 4^4, 3, 2^{10}\})$	174848
12	$\mathcal{O}(0; \{12^4, 6^7, 4^4, 3^4, 2^6\})$	1398016
12	$\mathcal{O}(0; \{12^4, 6^7, 4^4, 3^7, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^4, 6^7, 4^6, 3, 2^7\})$	699392
12	$\mathcal{O}(0; \{12^4, 6^7, 4^6, 3^4, 2^3\})$	5592064
12	$\mathcal{O}(0; \{12^4, 6^7, 4^8, 3, 2^4\})$	2797568
12	$\mathcal{O}(0; \{12^4, 6^7, 4^8, 3^4\})$	22368256
12	$\mathcal{O}(0; \{12^4, 6^7, 4^{10}, 3, 2\})$	11190272
12	$\mathcal{O}(0; \{12^4, 6^8, 3^2, 2^{13}\})$	43696
12	$\mathcal{O}(0; \{12^4, 6^8, 3^5, 2^9\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^8, 3^8, 2^5\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^8, 3^{11}, 2\})$	22369616
12	$\mathcal{O}(0; \{12^4, 6^8, 4^2, 3^2, 2^{10}\})$	174784
12	$\mathcal{O}(0; \{12^4, 6^8, 4^2, 3^5, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^8, 4^2, 3^8, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^8, 4^4, 3^2, 2^7\})$	699136
12	$\mathcal{O}(0; \{12^4, 6^8, 4^4, 3^5, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^8, 4^6, 3^2, 2^4\})$	2796544
12	$\mathcal{O}(0; \{12^4, 6^8, 4^6, 3^5\})$	22369280
12	$\mathcal{O}(0; \{12^4, 6^8, 4^8, 3^2, 2\})$	11186176
12	$\mathcal{O}(0; \{12^4, 6^9, 2^{14}\})$	21840
12	$\mathcal{O}(0; \{12^4, 6^9, 3^3, 2^{10}\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^9, 3^6, 2^6\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^9, 3^9, 2^2\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^9, 4^2, 2^{11}\})$	87360
12	$\mathcal{O}(0; \{12^4, 6^9, 4^2, 3^3, 2^7\})$	699072
12	$\mathcal{O}(0; \{12^4, 6^9, 4^2, 3^6, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^9, 4^4, 2^8\})$	349440
12	$\mathcal{O}(0; \{12^4, 6^9, 4^4, 3^3, 2^4\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6^9, 4^4, 3^6\})$	22369536

Continued on next page

Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^9, 4^6, 2^5\})$	1397760
12	$\mathcal{O}(0; \{12^4, 6^9, 4^6, 3^3, 2\})$	11185152
12	$\mathcal{O}(0; \{12^4, 6^9, 4^8, 2^2\})$	5591040
12	$\mathcal{O}(0; \{12^4, 6^{10}, 3, 2^{11}\})$	87376
12	$\mathcal{O}(0; \{12^4, 6^{10}, 3^4, 2^7\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^{10}, 3^7, 2^3\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^2, 3, 2^8\})$	349504
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^2, 3^4, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^2, 3^7\})$	22369600
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^4, 3, 2^5\})$	1398016
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^4, 3^4, 2\})$	11184896
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^6, 3, 2^2\})$	5592064
12	$\mathcal{O}(0; \{12^4, 6^{11}, 3^2, 2^8\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^{11}, 3^5, 2^4\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^{11}, 3^8\})$	22369616
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^2, 3^2, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^2, 3^5, 2\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^4, 3^2, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^{12}, 2^9\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^{12}, 3^3, 2^5\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^{12}, 3^6, 2\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^{12}, 4^2, 2^6\})$	699072
12	$\mathcal{O}(0; \{12^4, 6^{12}, 4^2, 3^3, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^{12}, 4^4, 2^3\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6^{12}, 4^6\})$	11185152
12	$\mathcal{O}(0; \{12^4, 6^{13}, 3, 2^6\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^{13}, 3^4, 2^2\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^{13}, 4^2, 3, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^{13}, 4^4, 3\})$	11184896
12	$\mathcal{O}(0; \{12^4, 6^{14}, 3^2, 2^3\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^{14}, 4^2, 3^2\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^{15}, 2^4\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^{15}, 3^3\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^{15}, 4^2, 2\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^{16}, 3, 2\})$	5592400
12	$\mathcal{O}(0; \{12^5, 4, 3^2, 2^{23}\})$	1344
12	$\mathcal{O}(0; \{12^5, 4, 3^5, 2^{19}\})$	10944
12	$\mathcal{O}(0; \{12^5, 4, 3^8, 2^{15}\})$	87360
12	$\mathcal{O}(0; \{12^5, 4, 3^{11}, 2^{11}\})$	699072
12	$\mathcal{O}(0; \{12^5, 4, 3^{14}, 2^7\})$	5592384
12	$\mathcal{O}(0; \{12^5, 4, 3^{17}, 2^3\})$	44739264
12	$\mathcal{O}(0; \{12^5, 4^3, 3^2, 2^{20}\})$	5376
12	$\mathcal{O}(0; \{12^5, 4^3, 3^5, 2^{16}\})$	43776

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 4^3, 3^8, 2^{12}\})$	349440
12	$\mathcal{O}(0; \{12^5, 4^3, 3^{11}, 2^8\})$	2796288
12	$\mathcal{O}(0; \{12^5, 4^3, 3^{14}, 2^4\})$	22369536
12	$\mathcal{O}(0; \{12^5, 4^3, 3^{17}\})$	178957056
12	$\mathcal{O}(0; \{12^5, 4^5, 3^2, 2^{17}\})$	21504
12	$\mathcal{O}(0; \{12^5, 4^5, 3^5, 2^{13}\})$	175104
12	$\mathcal{O}(0; \{12^5, 4^5, 3^8, 2^9\})$	1397760
12	$\mathcal{O}(0; \{12^5, 4^5, 3^{11}, 2^5\})$	11185152
12	$\mathcal{O}(0; \{12^5, 4^5, 3^{14}, 2\})$	89478144
12	$\mathcal{O}(0; \{12^5, 4^7, 3^2, 2^{14}\})$	86016
12	$\mathcal{O}(0; \{12^5, 4^7, 3^5, 2^{10}\})$	700416
12	$\mathcal{O}(0; \{12^5, 4^7, 3^8, 2^6\})$	5591040
12	$\mathcal{O}(0; \{12^5, 4^7, 3^{11}, 2^2\})$	44740608
12	$\mathcal{O}(0; \{12^5, 4^9, 3^2, 2^{11}\})$	344064
12	$\mathcal{O}(0; \{12^5, 4^9, 3^5, 2^7\})$	2801664
12	$\mathcal{O}(0; \{12^5, 4^9, 3^8, 2^3\})$	22364160
12	$\mathcal{O}(0; \{12^5, 4^{11}, 3^2, 2^8\})$	1376256
12	$\mathcal{O}(0; \{12^5, 4^{11}, 3^5, 2^4\})$	11206656
12	$\mathcal{O}(0; \{12^5, 4^{11}, 3^8\})$	89456640
12	$\mathcal{O}(0; \{12^5, 4^{13}, 3^2, 2^5\})$	5505024
12	$\mathcal{O}(0; \{12^5, 4^{13}, 3^5, 2\})$	44826624
12	$\mathcal{O}(0; \{12^5, 4^{15}, 3^2, 2^2\})$	22020096
12	$\mathcal{O}(0; \{12^5, 6, 4, 2^{24}\})$	704
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^3, 2^{20}\})$	5440
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^6, 2^{16}\})$	43712
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^9, 2^{12}\})$	349504
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^{12}, 2^8\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^{15}, 2^4\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^{18}\})$	178956992
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 2^{21}\})$	2816
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^3, 2^{17}\})$	21760
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^6, 2^{13}\})$	174848
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^9, 2^9\})$	1398016
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^{12}, 2^5\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^{15}, 2\})$	89478400
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 2^{18}\})$	11264
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^3, 2^{14}\})$	87040
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^6, 2^{10}\})$	699392
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^9, 2^6\})$	5592064
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^{12}, 2^2\})$	44739584
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 2^{15}\})$	45056
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 3^3, 2^{11}\})$	348160
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 3^6, 2^7\})$	2797568

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 3^9, 2^3\})$	22368256
12	$\mathcal{O}(0; \{12^5, 6, 4^9, 2^{12}\})$	180224
12	$\mathcal{O}(0; \{12^5, 6, 4^9, 3^3, 2^8\})$	1392640
12	$\mathcal{O}(0; \{12^5, 6, 4^9, 3^6, 2^4\})$	11190272
12	$\mathcal{O}(0; \{12^5, 6, 4^9, 3^9\})$	89473024
12	$\mathcal{O}(0; \{12^5, 6, 4^{11}, 2^9\})$	720896
12	$\mathcal{O}(0; \{12^5, 6, 4^{11}, 3^3, 2^5\})$	5570560
12	$\mathcal{O}(0; \{12^5, 6, 4^{11}, 3^6, 2\})$	44761088
12	$\mathcal{O}(0; \{12^5, 6, 4^{13}, 2^6\})$	2883584
12	$\mathcal{O}(0; \{12^5, 6, 4^{13}, 3^3, 2^2\})$	22282240
12	$\mathcal{O}(0; \{12^5, 6, 4^{15}, 2^3\})$	11534336
12	$\mathcal{O}(0; \{12^5, 6, 4^{17}\})$	46137344
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3, 2^{21}\})$	2752
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^4, 2^{17}\})$	21824
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^7, 2^{13}\})$	174784
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^{10}, 2^9\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^{13}, 2^5\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^{16}, 2\})$	89478464
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3, 2^{18}\})$	11008
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^4, 2^{14}\})$	87296
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^7, 2^{10}\})$	699136
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^{10}, 2^6\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^{13}, 2^2\})$	44739328
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3, 2^{15}\})$	44032
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3^4, 2^{11}\})$	349184
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3^7, 2^7\})$	2796544
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3^{10}, 2^3\})$	22369280
12	$\mathcal{O}(0; \{12^5, 6^2, 4^7, 3, 2^{12}\})$	176128
12	$\mathcal{O}(0; \{12^5, 6^2, 4^7, 3^4, 2^8\})$	1396736
12	$\mathcal{O}(0; \{12^5, 6^2, 4^7, 3^7, 2^4\})$	11186176
12	$\mathcal{O}(0; \{12^5, 6^2, 4^7, 3^{10}\})$	89477120
12	$\mathcal{O}(0; \{12^5, 6^2, 4^9, 3, 2^9\})$	704512
12	$\mathcal{O}(0; \{12^5, 6^2, 4^9, 3^4, 2^5\})$	5586944
12	$\mathcal{O}(0; \{12^5, 6^2, 4^9, 3^7, 2\})$	44744704
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{11}, 3, 2^6\})$	2818048
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{11}, 3^4, 2^2\})$	22347776
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{13}, 3, 2^3\})$	11272192
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{15}, 3\})$	45088768
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^2, 2^{18}\})$	10944
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^5, 2^{14}\})$	87360
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^8, 2^{10}\})$	699072
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^{11}, 2^6\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^{14}, 2^2\})$	44739264

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^2, 2^{15}\})$	43776
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^5, 2^{11}\})$	349440
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^8, 2^7\})$	2796288
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^{11}, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 3^2, 2^{12}\})$	175104
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 3^5, 2^8\})$	1397760
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 3^8, 2^4\})$	11185152
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 3^{11}\})$	89478144
12	$\mathcal{O}(0; \{12^5, 6^3, 4^7, 3^2, 2^9\})$	700416
12	$\mathcal{O}(0; \{12^5, 6^3, 4^7, 3^5, 2^5\})$	5591040
12	$\mathcal{O}(0; \{12^5, 6^3, 4^7, 3^8, 2\})$	44740608
12	$\mathcal{O}(0; \{12^5, 6^3, 4^9, 3^2, 2^6\})$	2801664
12	$\mathcal{O}(0; \{12^5, 6^3, 4^9, 3^5, 2^2\})$	22364160
12	$\mathcal{O}(0; \{12^5, 6^3, 4^{11}, 3^2, 2^3\})$	11206656
12	$\mathcal{O}(0; \{12^5, 6^3, 4^{13}, 3^2\})$	44826624
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 2^{19}\})$	5440
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^3, 2^{15}\})$	43712
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^6, 2^{11}\})$	349504
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^9, 2^7\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^{12}, 2^3\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 2^{16}\})$	21760
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3^3, 2^{12}\})$	174848
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3^6, 2^8\})$	1398016
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3^9, 2^4\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3^{12}\})$	89478400
12	$\mathcal{O}(0; \{12^5, 6^4, 4^5, 2^{13}\})$	87040
12	$\mathcal{O}(0; \{12^5, 6^4, 4^5, 3^3, 2^9\})$	699392
12	$\mathcal{O}(0; \{12^5, 6^4, 4^5, 3^6, 2^5\})$	5592064
12	$\mathcal{O}(0; \{12^5, 6^4, 4^5, 3^9, 2\})$	44739584
12	$\mathcal{O}(0; \{12^5, 6^4, 4^7, 2^{10}\})$	348160
12	$\mathcal{O}(0; \{12^5, 6^4, 4^7, 3^3, 2^6\})$	2797568
12	$\mathcal{O}(0; \{12^5, 6^4, 4^7, 3^6, 2^2\})$	22368256
12	$\mathcal{O}(0; \{12^5, 6^4, 4^9, 2^7\})$	1392640
12	$\mathcal{O}(0; \{12^5, 6^4, 4^9, 3^3, 2^3\})$	11190272
12	$\mathcal{O}(0; \{12^5, 6^4, 4^{11}, 2^4\})$	5570560
12	$\mathcal{O}(0; \{12^5, 6^4, 4^{11}, 3^3\})$	44761088
12	$\mathcal{O}(0; \{12^5, 6^4, 4^{13}, 2\})$	22282240
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3, 2^{16}\})$	21824
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^4, 2^{12}\})$	174784
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^7, 2^8\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^{10}, 2^4\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^{13}\})$	89478464
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 3, 2^{13}\})$	87296

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 3^4, 2^9\})$	699136
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 3^7, 2^5\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 3^{10}, 2\})$	44739328
12	$\mathcal{O}(0; \{12^5, 6^5, 4^5, 3, 2^{10}\})$	349184
12	$\mathcal{O}(0; \{12^5, 6^5, 4^5, 3^4, 2^6\})$	2796544
12	$\mathcal{O}(0; \{12^5, 6^5, 4^5, 3^7, 2^2\})$	22369280
12	$\mathcal{O}(0; \{12^5, 6^5, 4^7, 3, 2^7\})$	1396736
12	$\mathcal{O}(0; \{12^5, 6^5, 4^7, 3^4, 2^3\})$	11186176
12	$\mathcal{O}(0; \{12^5, 6^5, 4^9, 3, 2^4\})$	5586944
12	$\mathcal{O}(0; \{12^5, 6^5, 4^9, 3^4\})$	44744704
12	$\mathcal{O}(0; \{12^5, 6^5, 4^{11}, 3, 2\})$	22347776
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3^2, 2^{13}\})$	87360
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3^5, 2^9\})$	699072
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3^8, 2^5\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3^{11}, 2\})$	44739264
12	$\mathcal{O}(0; \{12^5, 6^6, 4^3, 3^2, 2^{10}\})$	349440
12	$\mathcal{O}(0; \{12^5, 6^6, 4^3, 3^5, 2^6\})$	2796288
12	$\mathcal{O}(0; \{12^5, 6^6, 4^3, 3^8, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^5, 6^6, 4^5, 3^2, 2^7\})$	1397760
12	$\mathcal{O}(0; \{12^5, 6^6, 4^5, 3^5, 2^3\})$	11185152
12	$\mathcal{O}(0; \{12^5, 6^6, 4^7, 3^2, 2^4\})$	5591040
12	$\mathcal{O}(0; \{12^5, 6^6, 4^7, 3^5\})$	44740608
12	$\mathcal{O}(0; \{12^5, 6^6, 4^9, 3^2, 2\})$	22364160
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 2^{14}\})$	43712
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 3^3, 2^{10}\})$	349504
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 3^6, 2^6\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 3^9, 2^2\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6^7, 4^3, 2^{11}\})$	174848
12	$\mathcal{O}(0; \{12^5, 6^7, 4^3, 3^3, 2^7\})$	1398016
12	$\mathcal{O}(0; \{12^5, 6^7, 4^3, 3^6, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^7, 4^5, 2^8\})$	699392
12	$\mathcal{O}(0; \{12^5, 6^7, 4^5, 3^3, 2^4\})$	5592064
12	$\mathcal{O}(0; \{12^5, 6^7, 4^5, 3^6\})$	44739584
12	$\mathcal{O}(0; \{12^5, 6^7, 4^7, 2^5\})$	2797568
12	$\mathcal{O}(0; \{12^5, 6^7, 4^7, 3^3, 2\})$	22368256
12	$\mathcal{O}(0; \{12^5, 6^7, 4^9, 2^2\})$	11190272
12	$\mathcal{O}(0; \{12^5, 6^8, 4, 3, 2^{11}\})$	174784
12	$\mathcal{O}(0; \{12^5, 6^8, 4, 3^4, 2^7\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6^8, 4, 3^7, 2^3\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^8, 4^3, 3, 2^8\})$	699136
12	$\mathcal{O}(0; \{12^5, 6^8, 4^3, 3^4, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^8, 4^3, 3^7\})$	44739328
12	$\mathcal{O}(0; \{12^5, 6^8, 4^5, 3, 2^5\})$	2796544

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6^8, 4^5, 3^4, 2\})$	22369280
12	$\mathcal{O}(0; \{12^5, 6^8, 4^7, 3, 2^2\})$	11186176
12	$\mathcal{O}(0; \{12^5, 6^9, 4, 3^2, 2^8\})$	699072
12	$\mathcal{O}(0; \{12^5, 6^9, 4, 3^5, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^9, 4, 3^8\})$	44739264
12	$\mathcal{O}(0; \{12^5, 6^9, 4^3, 3^2, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12^5, 6^9, 4^3, 3^5, 2\})$	22369536
12	$\mathcal{O}(0; \{12^5, 6^9, 4^5, 3^2, 2^2\})$	11185152
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4, 2^9\})$	349504
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4, 3^3, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4, 3^6, 2\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4^3, 2^6\})$	1398016
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4^3, 3^3, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4^5, 2^3\})$	5592064
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4^7\})$	22368256
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4, 3, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4, 3^4, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4^3, 3, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4^5, 3\})$	22369280
12	$\mathcal{O}(0; \{12^5, 6^{12}, 4, 3^2, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^{12}, 4^3, 3^2\})$	22369536
12	$\mathcal{O}(0; \{12^5, 6^{13}, 4, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^{13}, 4, 3^3\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6^{13}, 4^3, 2\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^{14}, 4, 3, 2\})$	11184832
12	$\mathcal{O}(0; \{12^6, 3, 2^{24}\})$	1344
12	$\mathcal{O}(0; \{12^6, 3^4, 2^{20}\})$	10944
12	$\mathcal{O}(0; \{12^6, 3^7, 2^{16}\})$	87360
12	$\mathcal{O}(0; \{12^6, 3^{10}, 2^{12}\})$	699072
12	$\mathcal{O}(0; \{12^6, 3^{13}, 2^8\})$	5592384
12	$\mathcal{O}(0; \{12^6, 3^{16}, 2^4\})$	44739264
12	$\mathcal{O}(0; \{12^6, 3^{19}\})$	357913920
12	$\mathcal{O}(0; \{12^6, 4^2, 3, 2^{21}\})$	5376
12	$\mathcal{O}(0; \{12^6, 4^2, 3^4, 2^{17}\})$	43776
12	$\mathcal{O}(0; \{12^6, 4^2, 3^7, 2^{13}\})$	349440
12	$\mathcal{O}(0; \{12^6, 4^2, 3^{10}, 2^9\})$	2796288
12	$\mathcal{O}(0; \{12^6, 4^2, 3^{13}, 2^5\})$	22369536
12	$\mathcal{O}(0; \{12^6, 4^2, 3^{16}, 2\})$	178957056
12	$\mathcal{O}(0; \{12^6, 4^4, 3, 2^{18}\})$	21504
12	$\mathcal{O}(0; \{12^6, 4^4, 3^4, 2^{14}\})$	175104
12	$\mathcal{O}(0; \{12^6, 4^4, 3^7, 2^{10}\})$	1397760
12	$\mathcal{O}(0; \{12^6, 4^4, 3^{10}, 2^6\})$	11185152
12	$\mathcal{O}(0; \{12^6, 4^4, 3^{13}, 2^2\})$	89478144

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 4^6, 3, 2^{15}\})$	86016
12	$\mathcal{O}(0; \{12^6, 4^6, 3^4, 2^{11}\})$	700416
12	$\mathcal{O}(0; \{12^6, 4^6, 3^7, 2^7\})$	5591040
12	$\mathcal{O}(0; \{12^6, 4^6, 3^{10}, 2^3\})$	44740608
12	$\mathcal{O}(0; \{12^6, 4^8, 3, 2^{12}\})$	344064
12	$\mathcal{O}(0; \{12^6, 4^8, 3^4, 2^8\})$	2801664
12	$\mathcal{O}(0; \{12^6, 4^8, 3^7, 2^4\})$	22364160
12	$\mathcal{O}(0; \{12^6, 4^8, 3^{10}\})$	178962432
12	$\mathcal{O}(0; \{12^6, 4^{10}, 3, 2^9\})$	1376256
12	$\mathcal{O}(0; \{12^6, 4^{10}, 3^4, 2^5\})$	11206656
12	$\mathcal{O}(0; \{12^6, 4^{10}, 3^7, 2\})$	89456640
12	$\mathcal{O}(0; \{12^6, 4^{12}, 3, 2^6\})$	5505024
12	$\mathcal{O}(0; \{12^6, 4^{12}, 3^4, 2^2\})$	44826624
12	$\mathcal{O}(0; \{12^6, 4^{14}, 3, 2^3\})$	22020096
12	$\mathcal{O}(0; \{12^6, 4^{16}, 3\})$	88080384
12	$\mathcal{O}(0; \{12^6, 6, 3^2, 2^{21}\})$	5440
12	$\mathcal{O}(0; \{12^6, 6, 3^5, 2^{17}\})$	43712
12	$\mathcal{O}(0; \{12^6, 6, 3^8, 2^{13}\})$	349504
12	$\mathcal{O}(0; \{12^6, 6, 3^{11}, 2^9\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6, 3^{14}, 2^5\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6, 3^{17}, 2\})$	178956992
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^2, 2^{18}\})$	21760
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^5, 2^{14}\})$	174848
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^8, 2^{10}\})$	1398016
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^{11}, 2^6\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^{14}, 2^2\})$	89478400
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^2, 2^{15}\})$	87040
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^5, 2^{11}\})$	699392
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^8, 2^7\})$	5592064
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^{11}, 2^3\})$	44739584
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 3^2, 2^{12}\})$	348160
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 3^5, 2^8\})$	2797568
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 3^8, 2^4\})$	22368256
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 3^{11}\})$	178958336
12	$\mathcal{O}(0; \{12^6, 6, 4^8, 3^2, 2^9\})$	1392640
12	$\mathcal{O}(0; \{12^6, 6, 4^8, 3^5, 2^5\})$	11190272
12	$\mathcal{O}(0; \{12^6, 6, 4^8, 3^8, 2\})$	89473024
12	$\mathcal{O}(0; \{12^6, 6, 4^{10}, 3^2, 2^6\})$	5570560
12	$\mathcal{O}(0; \{12^6, 6, 4^{10}, 3^5, 2^2\})$	44761088
12	$\mathcal{O}(0; \{12^6, 6, 4^{12}, 3^2, 2^3\})$	22282240
12	$\mathcal{O}(0; \{12^6, 6, 4^{14}, 3^2\})$	89128960
12	$\mathcal{O}(0; \{12^6, 6^2, 2^{22}\})$	2752
12	$\mathcal{O}(0; \{12^6, 6^2, 3^3, 2^{18}\})$	21824

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6^2, 3^6, 2^{14}\})$	174784
12	$\mathcal{O}(0; \{12^6, 6^2, 3^9, 2^{10}\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6^2, 3^{12}, 2^6\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^2, 3^{15}, 2^2\})$	89478464
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 2^{19}\})$	11008
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^3, 2^{15}\})$	87296
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^6, 2^{11}\})$	699136
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^9, 2^7\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^{12}, 2^3\})$	44739328
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 2^{16}\})$	44032
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3^3, 2^{12}\})$	349184
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3^6, 2^8\})$	2796544
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3^9, 2^4\})$	22369280
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3^{12}\})$	178957312
12	$\mathcal{O}(0; \{12^6, 6^2, 4^6, 2^{13}\})$	176128
12	$\mathcal{O}(0; \{12^6, 6^2, 4^6, 3^3, 2^9\})$	1396736
12	$\mathcal{O}(0; \{12^6, 6^2, 4^6, 3^6, 2^5\})$	11186176
12	$\mathcal{O}(0; \{12^6, 6^2, 4^6, 3^9, 2\})$	89477120
12	$\mathcal{O}(0; \{12^6, 6^2, 4^8, 2^{10}\})$	704512
12	$\mathcal{O}(0; \{12^6, 6^2, 4^8, 3^3, 2^6\})$	5586944
12	$\mathcal{O}(0; \{12^6, 6^2, 4^8, 3^6, 2^2\})$	44744704
12	$\mathcal{O}(0; \{12^6, 6^2, 4^{10}, 2^7\})$	2818048
12	$\mathcal{O}(0; \{12^6, 6^2, 4^{10}, 3^3, 2^3\})$	22347776
12	$\mathcal{O}(0; \{12^6, 6^2, 4^{12}, 2^4\})$	11272192
12	$\mathcal{O}(0; \{12^6, 6^2, 4^{12}, 3^3\})$	89391104
12	$\mathcal{O}(0; \{12^6, 6^2, 4^{14}, 2\})$	45088768
12	$\mathcal{O}(0; \{12^6, 6^3, 3, 2^{19}\})$	10944
12	$\mathcal{O}(0; \{12^6, 6^3, 3^4, 2^{15}\})$	87360
12	$\mathcal{O}(0; \{12^6, 6^3, 3^7, 2^{11}\})$	699072
12	$\mathcal{O}(0; \{12^6, 6^3, 3^{10}, 2^7\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^3, 3^{13}, 2^3\})$	44739264
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3, 2^{16}\})$	43776
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^4, 2^{12}\})$	349440
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^7, 2^8\})$	2796288
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^{10}, 2^4\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^{13}\})$	178957056
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 3, 2^{13}\})$	175104
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 3^4, 2^9\})$	1397760
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 3^7, 2^5\})$	11185152
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 3^{10}, 2\})$	89478144
12	$\mathcal{O}(0; \{12^6, 6^3, 4^6, 3, 2^{10}\})$	700416
12	$\mathcal{O}(0; \{12^6, 6^3, 4^6, 3^4, 2^6\})$	5591040
12	$\mathcal{O}(0; \{12^6, 6^3, 4^6, 3^7, 2^2\})$	44740608

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6^3, 4^8, 3, 2^7\})$	2801664
12	$\mathcal{O}(0; \{12^6, 6^3, 4^8, 3^4, 2^3\})$	22364160
12	$\mathcal{O}(0; \{12^6, 6^3, 4^{10}, 3, 2^4\})$	11206656
12	$\mathcal{O}(0; \{12^6, 6^3, 4^{10}, 3^4\})$	89456640
12	$\mathcal{O}(0; \{12^6, 6^3, 4^{12}, 3, 2\})$	44826624
12	$\mathcal{O}(0; \{12^6, 6^4, 3^2, 2^{16}\})$	43712
12	$\mathcal{O}(0; \{12^6, 6^4, 3^5, 2^{12}\})$	349504
12	$\mathcal{O}(0; \{12^6, 6^4, 3^8, 2^8\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^4, 3^{11}, 2^4\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^4, 3^{14}\})$	178956992
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3^2, 2^{13}\})$	174848
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3^5, 2^9\})$	1398016
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3^8, 2^5\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3^{11}, 2\})$	89478400
12	$\mathcal{O}(0; \{12^6, 6^4, 4^4, 3^2, 2^{10}\})$	699392
12	$\mathcal{O}(0; \{12^6, 6^4, 4^4, 3^5, 2^6\})$	5592064
12	$\mathcal{O}(0; \{12^6, 6^4, 4^4, 3^8, 2^2\})$	44739584
12	$\mathcal{O}(0; \{12^6, 6^4, 4^6, 3^2, 2^7\})$	2797568
12	$\mathcal{O}(0; \{12^6, 6^4, 4^6, 3^5, 2^3\})$	22368256
12	$\mathcal{O}(0; \{12^6, 6^4, 4^8, 3^2, 2^4\})$	11190272
12	$\mathcal{O}(0; \{12^6, 6^4, 4^8, 3^5\})$	89473024
12	$\mathcal{O}(0; \{12^6, 6^4, 4^{10}, 3^2, 2\})$	44761088
12	$\mathcal{O}(0; \{12^6, 6^5, 2^{17}\})$	21824
12	$\mathcal{O}(0; \{12^6, 6^5, 3^3, 2^{13}\})$	174784
12	$\mathcal{O}(0; \{12^6, 6^5, 3^6, 2^9\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6^5, 3^9, 2^5\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^5, 3^{12}, 2\})$	89478464
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 2^{14}\})$	87296
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 3^3, 2^{10}\})$	699136
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 3^6, 2^6\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 3^9, 2^2\})$	44739328
12	$\mathcal{O}(0; \{12^6, 6^5, 4^4, 2^{11}\})$	349184
12	$\mathcal{O}(0; \{12^6, 6^5, 4^4, 3^3, 2^7\})$	2796544
12	$\mathcal{O}(0; \{12^6, 6^5, 4^4, 3^6, 2^3\})$	22369280
12	$\mathcal{O}(0; \{12^6, 6^5, 4^6, 2^8\})$	1396736
12	$\mathcal{O}(0; \{12^6, 6^5, 4^6, 3^3, 2^4\})$	11186176
12	$\mathcal{O}(0; \{12^6, 6^5, 4^6, 3^6\})$	89477120
12	$\mathcal{O}(0; \{12^6, 6^5, 4^8, 2^5\})$	5586944
12	$\mathcal{O}(0; \{12^6, 6^5, 4^8, 3^3, 2\})$	44744704
12	$\mathcal{O}(0; \{12^6, 6^5, 4^{10}, 2^2\})$	22347776
12	$\mathcal{O}(0; \{12^6, 6^6, 3, 2^{14}\})$	87360
12	$\mathcal{O}(0; \{12^6, 6^6, 3^4, 2^{10}\})$	699072
12	$\mathcal{O}(0; \{12^6, 6^6, 3^7, 2^6\})$	5592384

Continued on next page

Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6^6, 3^{10}, 2^2\})$	44739264
12	$\mathcal{O}(0; \{12^6, 6^6, 4^2, 3, 2^{11}\})$	349440
12	$\mathcal{O}(0; \{12^6, 6^6, 4^2, 3^4, 2^7\})$	2796288
12	$\mathcal{O}(0; \{12^6, 6^6, 4^2, 3^7, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^6, 4^4, 3, 2^8\})$	1397760
12	$\mathcal{O}(0; \{12^6, 6^6, 4^4, 3^4, 2^4\})$	11185152
12	$\mathcal{O}(0; \{12^6, 6^6, 4^4, 3^7\})$	89478144
12	$\mathcal{O}(0; \{12^6, 6^6, 4^6, 3, 2^5\})$	5591040
12	$\mathcal{O}(0; \{12^6, 6^6, 4^6, 3^4, 2\})$	44740608
12	$\mathcal{O}(0; \{12^6, 6^6, 4^8, 3, 2^2\})$	22364160
12	$\mathcal{O}(0; \{12^6, 6^7, 3^2, 2^{11}\})$	349504
12	$\mathcal{O}(0; \{12^6, 6^7, 3^5, 2^7\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^7, 3^8, 2^3\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^7, 4^2, 3^2, 2^8\})$	1398016
12	$\mathcal{O}(0; \{12^6, 6^7, 4^2, 3^5, 2^4\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^7, 4^2, 3^8\})$	89478400
12	$\mathcal{O}(0; \{12^6, 6^7, 4^4, 3^2, 2^5\})$	5592064
12	$\mathcal{O}(0; \{12^6, 6^7, 4^4, 3^5, 2\})$	44739584
12	$\mathcal{O}(0; \{12^6, 6^7, 4^6, 3^2, 2^2\})$	22368256
12	$\mathcal{O}(0; \{12^6, 6^8, 2^{12}\})$	174784
12	$\mathcal{O}(0; \{12^6, 6^8, 3^3, 2^8\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6^8, 3^6, 2^4\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^8, 3^9\})$	89478464
12	$\mathcal{O}(0; \{12^6, 6^8, 4^2, 2^9\})$	699136
12	$\mathcal{O}(0; \{12^6, 6^8, 4^2, 3^3, 2^5\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6^8, 4^2, 3^6, 2\})$	44739328
12	$\mathcal{O}(0; \{12^6, 6^8, 4^4, 2^6\})$	2796544
12	$\mathcal{O}(0; \{12^6, 6^8, 4^4, 3^3, 2^2\})$	22369280
12	$\mathcal{O}(0; \{12^6, 6^8, 4^6, 2^3\})$	11186176
12	$\mathcal{O}(0; \{12^6, 6^8, 4^8\})$	44744704
12	$\mathcal{O}(0; \{12^6, 6^9, 3, 2^9\})$	699072
12	$\mathcal{O}(0; \{12^6, 6^9, 3^4, 2^5\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^9, 3^7, 2\})$	44739264
12	$\mathcal{O}(0; \{12^6, 6^9, 4^2, 3, 2^6\})$	2796288
12	$\mathcal{O}(0; \{12^6, 6^9, 4^2, 3^4, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^9, 4^4, 3, 2^3\})$	11185152
12	$\mathcal{O}(0; \{12^6, 6^9, 4^6, 3\})$	44740608
12	$\mathcal{O}(0; \{12^6, 6^{10}, 3^2, 2^6\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^{10}, 3^5, 2^2\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^{10}, 4^2, 3^2, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^{10}, 4^4, 3^2\})$	44739584
12	$\mathcal{O}(0; \{12^6, 6^{11}, 2^7\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6^{11}, 3^3, 2^3\})$	11184832

Continued on next page

Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6^{11}, 4^2, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6^{11}, 4^2, 3^3\})$	44739328
12	$\mathcal{O}(0; \{12^6, 6^{11}, 4^4, 2\})$	22369280
12	$\mathcal{O}(0; \{12^6, 6^{12}, 3, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^{12}, 3^4\})$	44739264
12	$\mathcal{O}(0; \{12^6, 6^{12}, 4^2, 3, 2\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^{13}, 3^2, 2\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^{14}, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^7, 4, 2^{22}\})$	5376
12	$\mathcal{O}(0; \{12^7, 4, 3^3, 2^{18}\})$	43776
12	$\mathcal{O}(0; \{12^7, 4, 3^6, 2^{14}\})$	349440
12	$\mathcal{O}(0; \{12^7, 4, 3^9, 2^{10}\})$	2796288
12	$\mathcal{O}(0; \{12^7, 4, 3^{12}, 2^6\})$	22369536
12	$\mathcal{O}(0; \{12^7, 4, 3^{15}, 2^2\})$	178957056
12	$\mathcal{O}(0; \{12^7, 4^3, 2^{19}\})$	21504
12	$\mathcal{O}(0; \{12^7, 4^3, 3^3, 2^{15}\})$	175104
12	$\mathcal{O}(0; \{12^7, 4^3, 3^6, 2^{11}\})$	1397760
12	$\mathcal{O}(0; \{12^7, 4^3, 3^9, 2^7\})$	11185152
12	$\mathcal{O}(0; \{12^7, 4^3, 3^{12}, 2^3\})$	89478144
12	$\mathcal{O}(0; \{12^7, 4^5, 2^{16}\})$	86016
12	$\mathcal{O}(0; \{12^7, 4^5, 3^3, 2^{12}\})$	700416
12	$\mathcal{O}(0; \{12^7, 4^5, 3^6, 2^8\})$	5591040
12	$\mathcal{O}(0; \{12^7, 4^5, 3^9, 2^4\})$	44740608
12	$\mathcal{O}(0; \{12^7, 4^5, 3^{12}\})$	357912576
12	$\mathcal{O}(0; \{12^7, 4^7, 2^{13}\})$	344064
12	$\mathcal{O}(0; \{12^7, 4^7, 3^3, 2^9\})$	2801664
12	$\mathcal{O}(0; \{12^7, 4^7, 3^6, 2^5\})$	22364160
12	$\mathcal{O}(0; \{12^7, 4^7, 3^9, 2\})$	178962432
12	$\mathcal{O}(0; \{12^7, 4^9, 2^{10}\})$	1376256
12	$\mathcal{O}(0; \{12^7, 4^9, 3^3, 2^6\})$	11206656
12	$\mathcal{O}(0; \{12^7, 4^9, 3^6, 2^2\})$	89456640
12	$\mathcal{O}(0; \{12^7, 4^{11}, 2^7\})$	5505024
12	$\mathcal{O}(0; \{12^7, 4^{11}, 3^3, 2^3\})$	44826624
12	$\mathcal{O}(0; \{12^7, 4^{13}, 2^4\})$	22020096
12	$\mathcal{O}(0; \{12^7, 4^{13}, 3^3\})$	179306496
12	$\mathcal{O}(0; \{12^7, 4^{15}, 2\})$	88080384
12	$\mathcal{O}(0; \{12^7, 6, 4, 3, 2^{19}\})$	21760
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^4, 2^{15}\})$	174848
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^7, 2^{11}\})$	1398016
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^{10}, 2^7\})$	11184896
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^{13}, 2^3\})$	89478400
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3, 2^{16}\})$	87040
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^4, 2^{12}\})$	699392

Continued on next page

Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^7, 2^8\})$	5592064
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^{10}, 2^4\})$	44739584
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^{13}\})$	357913600
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 3, 2^{13}\})$	348160
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 3^4, 2^9\})$	2797568
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 3^7, 2^5\})$	22368256
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 3^{10}, 2\})$	178958336
12	$\mathcal{O}(0; \{12^7, 6, 4^7, 3, 2^{10}\})$	1392640
12	$\mathcal{O}(0; \{12^7, 6, 4^7, 3^4, 2^6\})$	11190272
12	$\mathcal{O}(0; \{12^7, 6, 4^7, 3^7, 2^2\})$	89473024
12	$\mathcal{O}(0; \{12^7, 6, 4^9, 3, 2^7\})$	5570560
12	$\mathcal{O}(0; \{12^7, 6, 4^9, 3^4, 2^3\})$	44761088
12	$\mathcal{O}(0; \{12^7, 6, 4^{11}, 3, 2^4\})$	22282240
12	$\mathcal{O}(0; \{12^7, 6, 4^{11}, 3^4\})$	179044352
12	$\mathcal{O}(0; \{12^7, 6, 4^{13}, 3, 2\})$	89128960
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^2, 2^{16}\})$	87296
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^5, 2^{12}\})$	699136
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^8, 2^8\})$	5592320
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^{11}, 2^4\})$	44739328
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^{14}\})$	357913856
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3^2, 2^{13}\})$	349184
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3^5, 2^9\})$	2796544
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3^8, 2^5\})$	22369280
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3^{11}, 2\})$	178957312
12	$\mathcal{O}(0; \{12^7, 6^2, 4^5, 3^2, 2^{10}\})$	1396736
12	$\mathcal{O}(0; \{12^7, 6^2, 4^5, 3^5, 2^6\})$	11186176
12	$\mathcal{O}(0; \{12^7, 6^2, 4^5, 3^8, 2^2\})$	89477120
12	$\mathcal{O}(0; \{12^7, 6^2, 4^7, 3^2, 2^7\})$	5586944
12	$\mathcal{O}(0; \{12^7, 6^2, 4^7, 3^5, 2^3\})$	44744704
12	$\mathcal{O}(0; \{12^7, 6^2, 4^9, 3^2, 2^4\})$	22347776
12	$\mathcal{O}(0; \{12^7, 6^2, 4^9, 3^5\})$	178978816
12	$\mathcal{O}(0; \{12^7, 6^2, 4^{11}, 3^2, 2\})$	89391104
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 2^{17}\})$	43776
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^3, 2^{13}\})$	349440
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^6, 2^9\})$	2796288
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^9, 2^5\})$	22369536
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^{12}, 2\})$	178957056
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 2^{14}\})$	175104
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 3^3, 2^{10}\})$	1397760
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 3^6, 2^6\})$	11185152
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 3^9, 2^2\})$	89478144
12	$\mathcal{O}(0; \{12^7, 6^3, 4^5, 2^{11}\})$	700416
12	$\mathcal{O}(0; \{12^7, 6^3, 4^5, 3^3, 2^7\})$	5591040

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^7, 6^3, 4^5, 3^6, 2^3\})$	44740608
12	$\mathcal{O}(0; \{12^7, 6^3, 4^7, 2^8\})$	2801664
12	$\mathcal{O}(0; \{12^7, 6^3, 4^7, 3^3, 2^4\})$	22364160
12	$\mathcal{O}(0; \{12^7, 6^3, 4^7, 3^6\})$	178962432
12	$\mathcal{O}(0; \{12^7, 6^3, 4^9, 2^5\})$	11206656
12	$\mathcal{O}(0; \{12^7, 6^3, 4^9, 3^3, 2\})$	89456640
12	$\mathcal{O}(0; \{12^7, 6^3, 4^{11}, 2^2\})$	44826624
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3, 2^{14}\})$	174848
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3^4, 2^{10}\})$	1398016
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3^7, 2^6\})$	11184896
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3^{10}, 2^2\})$	89478400
12	$\mathcal{O}(0; \{12^7, 6^4, 4^3, 3, 2^{11}\})$	699392
12	$\mathcal{O}(0; \{12^7, 6^4, 4^3, 3^4, 2^7\})$	5592064
12	$\mathcal{O}(0; \{12^7, 6^4, 4^3, 3^7, 2^3\})$	44739584
12	$\mathcal{O}(0; \{12^7, 6^4, 4^5, 3, 2^8\})$	2797568
12	$\mathcal{O}(0; \{12^7, 6^4, 4^5, 3^4, 2^4\})$	22368256
12	$\mathcal{O}(0; \{12^7, 6^4, 4^5, 3^7\})$	178958336
12	$\mathcal{O}(0; \{12^7, 6^4, 4^7, 3, 2^5\})$	11190272
12	$\mathcal{O}(0; \{12^7, 6^4, 4^7, 3^4, 2\})$	89473024
12	$\mathcal{O}(0; \{12^7, 6^4, 4^9, 3, 2^2\})$	44761088
12	$\mathcal{O}(0; \{12^7, 6^5, 4, 3^2, 2^{11}\})$	699136
12	$\mathcal{O}(0; \{12^7, 6^5, 4, 3^5, 2^7\})$	5592320
12	$\mathcal{O}(0; \{12^7, 6^5, 4, 3^8, 2^3\})$	44739328
12	$\mathcal{O}(0; \{12^7, 6^5, 4^3, 3^2, 2^8\})$	2796544
12	$\mathcal{O}(0; \{12^7, 6^5, 4^3, 3^5, 2^4\})$	22369280
12	$\mathcal{O}(0; \{12^7, 6^5, 4^3, 3^8\})$	178957312
12	$\mathcal{O}(0; \{12^7, 6^5, 4^5, 3^2, 2^5\})$	11186176
12	$\mathcal{O}(0; \{12^7, 6^5, 4^5, 3^5, 2\})$	89477120
12	$\mathcal{O}(0; \{12^7, 6^5, 4^7, 3^2, 2^2\})$	44744704
12	$\mathcal{O}(0; \{12^7, 6^6, 4, 2^{12}\})$	349440
12	$\mathcal{O}(0; \{12^7, 6^6, 4, 3^3, 2^8\})$	2796288
12	$\mathcal{O}(0; \{12^7, 6^6, 4, 3^6, 2^4\})$	22369536
12	$\mathcal{O}(0; \{12^7, 6^6, 4, 3^9\})$	178957056
12	$\mathcal{O}(0; \{12^7, 6^6, 4^3, 2^9\})$	1397760
12	$\mathcal{O}(0; \{12^7, 6^6, 4^3, 3^3, 2^5\})$	11185152
12	$\mathcal{O}(0; \{12^7, 6^6, 4^3, 3^6, 2\})$	89478144
12	$\mathcal{O}(0; \{12^7, 6^6, 4^5, 2^6\})$	5591040
12	$\mathcal{O}(0; \{12^7, 6^6, 4^5, 3^3, 2^2\})$	44740608
12	$\mathcal{O}(0; \{12^7, 6^6, 4^7, 2^3\})$	22364160
12	$\mathcal{O}(0; \{12^7, 6^6, 4^9\})$	89456640
12	$\mathcal{O}(0; \{12^7, 6^7, 4, 3, 2^9\})$	1398016
12	$\mathcal{O}(0; \{12^7, 6^7, 4, 3^4, 2^5\})$	11184896
12	$\mathcal{O}(0; \{12^7, 6^7, 4, 3^7, 2\})$	89478400

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^7, 6^7, 4^3, 3, 2^6\})$	5592064
12	$\mathcal{O}(0; \{12^7, 6^7, 4^3, 3^4, 2^2\})$	44739584
12	$\mathcal{O}(0; \{12^7, 6^7, 4^5, 3, 2^3\})$	22368256
12	$\mathcal{O}(0; \{12^7, 6^7, 4^7, 3\})$	89473024
12	$\mathcal{O}(0; \{12^7, 6^8, 4, 3^2, 2^6\})$	5592320
12	$\mathcal{O}(0; \{12^7, 6^8, 4, 3^5, 2^2\})$	44739328
12	$\mathcal{O}(0; \{12^7, 6^8, 4^3, 3^2, 2^3\})$	22369280
12	$\mathcal{O}(0; \{12^7, 6^8, 4^5, 3^2\})$	89477120
12	$\mathcal{O}(0; \{12^7, 6^9, 4, 2^7\})$	2796288
12	$\mathcal{O}(0; \{12^7, 6^9, 4, 3^3, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^7, 6^9, 4^3, 2^4\})$	11185152
12	$\mathcal{O}(0; \{12^7, 6^9, 4^3, 3^3\})$	89478144
12	$\mathcal{O}(0; \{12^7, 6^9, 4^5, 2\})$	44740608
12	$\mathcal{O}(0; \{12^7, 6^{10}, 4, 3, 2^4\})$	11184896
12	$\mathcal{O}(0; \{12^7, 6^{10}, 4, 3^4\})$	89478400
12	$\mathcal{O}(0; \{12^7, 6^{10}, 4^3, 3, 2\})$	44739584
12	$\mathcal{O}(0; \{12^7, 6^{11}, 4, 3^2, 2\})$	44739328
12	$\mathcal{O}(0; \{12^7, 6^{12}, 4, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^8, 3^2, 2^{19}\})$	43776
12	$\mathcal{O}(0; \{12^8, 3^5, 2^{15}\})$	349440
12	$\mathcal{O}(0; \{12^8, 3^8, 2^{11}\})$	2796288
12	$\mathcal{O}(0; \{12^8, 3^{11}, 2^7\})$	22369536
12	$\mathcal{O}(0; \{12^8, 3^{14}, 2^3\})$	178957056
12	$\mathcal{O}(0; \{12^8, 4^2, 3^2, 2^{16}\})$	175104
12	$\mathcal{O}(0; \{12^8, 4^2, 3^5, 2^{12}\})$	1397760
12	$\mathcal{O}(0; \{12^8, 4^2, 3^8, 2^8\})$	11185152
12	$\mathcal{O}(0; \{12^8, 4^2, 3^{11}, 2^4\})$	89478144
12	$\mathcal{O}(0; \{12^8, 4^2, 3^{14}\})$	715828224
12	$\mathcal{O}(0; \{12^8, 4^4, 3^2, 2^{13}\})$	700416
12	$\mathcal{O}(0; \{12^8, 4^4, 3^5, 2^9\})$	5591040
12	$\mathcal{O}(0; \{12^8, 4^4, 3^8, 2^5\})$	44740608
12	$\mathcal{O}(0; \{12^8, 4^4, 3^{11}, 2\})$	357912576
12	$\mathcal{O}(0; \{12^8, 4^6, 3^2, 2^{10}\})$	2801664
12	$\mathcal{O}(0; \{12^8, 4^6, 3^5, 2^6\})$	22364160
12	$\mathcal{O}(0; \{12^8, 4^6, 3^8, 2^2\})$	178962432
12	$\mathcal{O}(0; \{12^8, 4^8, 3^2, 2^7\})$	11206656
12	$\mathcal{O}(0; \{12^8, 4^8, 3^5, 2^3\})$	89456640
12	$\mathcal{O}(0; \{12^8, 4^{10}, 3^2, 2^4\})$	44826624
12	$\mathcal{O}(0; \{12^8, 4^{10}, 3^5\})$	357826560
12	$\mathcal{O}(0; \{12^8, 4^{12}, 3^2, 2\})$	179306496
12	$\mathcal{O}(0; \{12^8, 6, 2^{20}\})$	21760
12	$\mathcal{O}(0; \{12^8, 6, 3^3, 2^{16}\})$	174848
12	$\mathcal{O}(0; \{12^8, 6, 3^6, 2^{12}\})$	1398016

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^8, 6, 3^9, 2^8\})$	11184896
12	$\mathcal{O}(0; \{12^8, 6, 3^{12}, 2^4\})$	89478400
12	$\mathcal{O}(0; \{12^8, 6, 3^{15}\})$	715827968
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 2^{17}\})$	87040
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^3, 2^{13}\})$	699392
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^6, 2^9\})$	5592064
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^9, 2^5\})$	44739584
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^{12}, 2\})$	357913600
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 2^{14}\})$	348160
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 3^3, 2^{10}\})$	2797568
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 3^6, 2^6\})$	22368256
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 3^9, 2^2\})$	178958336
12	$\mathcal{O}(0; \{12^8, 6, 4^6, 2^{11}\})$	1392640
12	$\mathcal{O}(0; \{12^8, 6, 4^6, 3^3, 2^7\})$	11190272
12	$\mathcal{O}(0; \{12^8, 6, 4^6, 3^6, 2^3\})$	89473024
12	$\mathcal{O}(0; \{12^8, 6, 4^8, 2^8\})$	5570560
12	$\mathcal{O}(0; \{12^8, 6, 4^8, 3^3, 2^4\})$	44761088
12	$\mathcal{O}(0; \{12^8, 6, 4^8, 3^6\})$	357892096
12	$\mathcal{O}(0; \{12^8, 6, 4^{10}, 2^5\})$	22282240
12	$\mathcal{O}(0; \{12^8, 6, 4^{10}, 3^3, 2\})$	179044352
12	$\mathcal{O}(0; \{12^8, 6, 4^{12}, 2^2\})$	89128960
12	$\mathcal{O}(0; \{12^8, 6^2, 3, 2^{17}\})$	87296
12	$\mathcal{O}(0; \{12^8, 6^2, 3^4, 2^{13}\})$	699136
12	$\mathcal{O}(0; \{12^8, 6^2, 3^7, 2^9\})$	5592320
12	$\mathcal{O}(0; \{12^8, 6^2, 3^{10}, 2^5\})$	44739328
12	$\mathcal{O}(0; \{12^8, 6^2, 3^{13}, 2\})$	357913856
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3, 2^{14}\})$	349184
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3^4, 2^{10}\})$	2796544
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3^7, 2^6\})$	22369280
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3^{10}, 2^2\})$	178957312
12	$\mathcal{O}(0; \{12^8, 6^2, 4^4, 3, 2^{11}\})$	1396736
12	$\mathcal{O}(0; \{12^8, 6^2, 4^4, 3^4, 2^7\})$	11186176
12	$\mathcal{O}(0; \{12^8, 6^2, 4^4, 3^7, 2^3\})$	89477120
12	$\mathcal{O}(0; \{12^8, 6^2, 4^6, 3, 2^8\})$	5586944
12	$\mathcal{O}(0; \{12^8, 6^2, 4^6, 3^4, 2^4\})$	44744704
12	$\mathcal{O}(0; \{12^8, 6^2, 4^6, 3^7\})$	357908480
12	$\mathcal{O}(0; \{12^8, 6^2, 4^8, 3, 2^5\})$	22347776
12	$\mathcal{O}(0; \{12^8, 6^2, 4^8, 3^4, 2\})$	178978816
12	$\mathcal{O}(0; \{12^8, 6^2, 4^{10}, 3, 2^2\})$	89391104
12	$\mathcal{O}(0; \{12^8, 6^3, 3^2, 2^{14}\})$	349440
12	$\mathcal{O}(0; \{12^8, 6^3, 3^5, 2^{10}\})$	2796288
12	$\mathcal{O}(0; \{12^8, 6^3, 3^8, 2^6\})$	22369536
12	$\mathcal{O}(0; \{12^8, 6^3, 3^{11}, 2^2\})$	178957056

Continued on next page

Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^8, 6^3, 4^2, 3^2, 2^{11}\})$	1397760
12	$\mathcal{O}(0; \{12^8, 6^3, 4^2, 3^5, 2^7\})$	11185152
12	$\mathcal{O}(0; \{12^8, 6^3, 4^2, 3^8, 2^3\})$	89478144
12	$\mathcal{O}(0; \{12^8, 6^3, 4^4, 3^2, 2^8\})$	5591040
12	$\mathcal{O}(0; \{12^8, 6^3, 4^4, 3^5, 2^4\})$	44740608
12	$\mathcal{O}(0; \{12^8, 6^3, 4^4, 3^8\})$	357912576
12	$\mathcal{O}(0; \{12^8, 6^3, 4^6, 3^2, 2^5\})$	22364160
12	$\mathcal{O}(0; \{12^8, 6^3, 4^6, 3^5, 2\})$	178962432
12	$\mathcal{O}(0; \{12^8, 6^3, 4^8, 3^2, 2^2\})$	89456640
12	$\mathcal{O}(0; \{12^8, 6^4, 2^{15}\})$	174848
12	$\mathcal{O}(0; \{12^8, 6^4, 3^3, 2^{11}\})$	1398016
12	$\mathcal{O}(0; \{12^8, 6^4, 3^6, 2^7\})$	11184896
12	$\mathcal{O}(0; \{12^8, 6^4, 3^9, 2^3\})$	89478400
12	$\mathcal{O}(0; \{12^8, 6^4, 4^2, 2^{12}\})$	699392
12	$\mathcal{O}(0; \{12^8, 6^4, 4^2, 3^3, 2^8\})$	5592064
12	$\mathcal{O}(0; \{12^8, 6^4, 4^2, 3^6, 2^4\})$	44739584
12	$\mathcal{O}(0; \{12^8, 6^4, 4^2, 3^9\})$	357913600
12	$\mathcal{O}(0; \{12^8, 6^4, 4^4, 2^9\})$	2797568
12	$\mathcal{O}(0; \{12^8, 6^4, 4^4, 3^3, 2^5\})$	22368256
12	$\mathcal{O}(0; \{12^8, 6^4, 4^4, 3^6, 2\})$	178958336
12	$\mathcal{O}(0; \{12^8, 6^4, 4^6, 2^6\})$	11190272
12	$\mathcal{O}(0; \{12^8, 6^4, 4^6, 3^3, 2^2\})$	89473024
12	$\mathcal{O}(0; \{12^8, 6^4, 4^8, 2^3\})$	44761088
12	$\mathcal{O}(0; \{12^8, 6^4, 4^{10}\})$	179044352
12	$\mathcal{O}(0; \{12^8, 6^5, 3, 2^{12}\})$	699136
12	$\mathcal{O}(0; \{12^8, 6^5, 3^4, 2^8\})$	5592320
12	$\mathcal{O}(0; \{12^8, 6^5, 3^7, 2^4\})$	44739328
12	$\mathcal{O}(0; \{12^8, 6^5, 3^{10}\})$	357913856
12	$\mathcal{O}(0; \{12^8, 6^5, 4^2, 3, 2^9\})$	2796544
12	$\mathcal{O}(0; \{12^8, 6^5, 4^2, 3^4, 2^5\})$	22369280
12	$\mathcal{O}(0; \{12^8, 6^5, 4^2, 3^7, 2\})$	178957312
12	$\mathcal{O}(0; \{12^8, 6^5, 4^4, 3, 2^6\})$	11186176
12	$\mathcal{O}(0; \{12^8, 6^5, 4^4, 3^4, 2^2\})$	89477120
12	$\mathcal{O}(0; \{12^8, 6^5, 4^6, 3, 2^3\})$	44744704
12	$\mathcal{O}(0; \{12^8, 6^5, 4^8, 3\})$	178978816
12	$\mathcal{O}(0; \{12^8, 6^6, 3^2, 2^9\})$	2796288
12	$\mathcal{O}(0; \{12^8, 6^6, 3^5, 2^5\})$	22369536
12	$\mathcal{O}(0; \{12^8, 6^6, 3^8, 2\})$	178957056
12	$\mathcal{O}(0; \{12^8, 6^6, 4^2, 3^2, 2^6\})$	11185152
12	$\mathcal{O}(0; \{12^8, 6^6, 4^2, 3^5, 2^2\})$	89478144
12	$\mathcal{O}(0; \{12^8, 6^6, 4^4, 3^2, 2^3\})$	44740608
12	$\mathcal{O}(0; \{12^8, 6^6, 4^6, 3^2\})$	178962432
12	$\mathcal{O}(0; \{12^8, 6^7, 2^{10}\})$	1398016

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^8, 6^7, 3^3, 2^6\})$	11184896
12	$\mathcal{O}(0; \{12^8, 6^7, 3^6, 2^2\})$	89478400
12	$\mathcal{O}(0; \{12^8, 6^7, 4^2, 2^7\})$	5592064
12	$\mathcal{O}(0; \{12^8, 6^7, 4^2, 3^3, 2^3\})$	44739584
12	$\mathcal{O}(0; \{12^8, 6^7, 4^4, 2^4\})$	22368256
12	$\mathcal{O}(0; \{12^8, 6^7, 4^4, 3^3\})$	178958336
12	$\mathcal{O}(0; \{12^8, 6^7, 4^6, 2\})$	89473024
12	$\mathcal{O}(0; \{12^8, 6^8, 3, 2^7\})$	5592320
12	$\mathcal{O}(0; \{12^8, 6^8, 3^4, 2^3\})$	44739328
12	$\mathcal{O}(0; \{12^8, 6^8, 4^2, 3, 2^4\})$	22369280
12	$\mathcal{O}(0; \{12^8, 6^8, 4^2, 3^4\})$	178957312
12	$\mathcal{O}(0; \{12^8, 6^8, 4^4, 3, 2\})$	89477120
12	$\mathcal{O}(0; \{12^8, 6^9, 3^2, 2^4\})$	22369536
12	$\mathcal{O}(0; \{12^8, 6^9, 3^5\})$	178957056
12	$\mathcal{O}(0; \{12^8, 6^9, 4^2, 3^2, 2\})$	89478144
12	$\mathcal{O}(0; \{12^8, 6^{10}, 2^5\})$	11184896
12	$\mathcal{O}(0; \{12^8, 6^{10}, 3^3, 2\})$	89478400
12	$\mathcal{O}(0; \{12^8, 6^{10}, 4^2, 2^2\})$	44739584
12	$\mathcal{O}(0; \{12^8, 6^{11}, 3, 2^2\})$	44739328
12	$\mathcal{O}(0; \{12^8, 6^{13}\})$	89478400
12	$\mathcal{O}(0; \{12^9, 4, 3, 2^{17}\})$	175104
12	$\mathcal{O}(0; \{12^9, 4, 3^4, 2^{13}\})$	1397760
12	$\mathcal{O}(0; \{12^9, 4, 3^7, 2^9\})$	11185152
12	$\mathcal{O}(0; \{12^9, 4, 3^{10}, 2^5\})$	89478144
12	$\mathcal{O}(0; \{12^9, 4, 3^{13}, 2\})$	715828224
12	$\mathcal{O}(0; \{12^9, 4^3, 3, 2^{14}\})$	700416
12	$\mathcal{O}(0; \{12^9, 4^3, 3^4, 2^{10}\})$	5591040
12	$\mathcal{O}(0; \{12^9, 4^3, 3^7, 2^6\})$	44740608
12	$\mathcal{O}(0; \{12^9, 4^3, 3^{10}, 2^2\})$	357912576
12	$\mathcal{O}(0; \{12^9, 4^5, 3, 2^{11}\})$	2801664
12	$\mathcal{O}(0; \{12^9, 4^5, 3^4, 2^7\})$	22364160
12	$\mathcal{O}(0; \{12^9, 4^5, 3^7, 2^3\})$	178962432
12	$\mathcal{O}(0; \{12^9, 4^7, 3, 2^8\})$	11206656
12	$\mathcal{O}(0; \{12^9, 4^7, 3^4, 2^4\})$	89456640
12	$\mathcal{O}(0; \{12^9, 4^7, 3^7\})$	715849728
12	$\mathcal{O}(0; \{12^9, 4^9, 3, 2^5\})$	44826624
12	$\mathcal{O}(0; \{12^9, 4^9, 3^4, 2\})$	357826560
12	$\mathcal{O}(0; \{12^9, 4^{11}, 3, 2^2\})$	179306496
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^2, 2^{14}\})$	699392
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^5, 2^{10}\})$	5592064
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^8, 2^6\})$	44739584
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^{11}, 2^2\})$	357913600
12	$\mathcal{O}(0; \{12^9, 6, 4^3, 3^2, 2^{11}\})$	2797568

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^9, 6, 4^3, 3^5, 2^7\})$	22368256
12	$\mathcal{O}(0; \{12^9, 6, 4^3, 3^8, 2^3\})$	178958336
12	$\mathcal{O}(0; \{12^9, 6, 4^5, 3^2, 2^8\})$	11190272
12	$\mathcal{O}(0; \{12^9, 6, 4^5, 3^5, 2^4\})$	89473024
12	$\mathcal{O}(0; \{12^9, 6, 4^5, 3^8\})$	715833344
12	$\mathcal{O}(0; \{12^9, 6, 4^7, 3^2, 2^5\})$	44761088
12	$\mathcal{O}(0; \{12^9, 6, 4^7, 3^5, 2\})$	357892096
12	$\mathcal{O}(0; \{12^9, 6, 4^9, 3^2, 2^2\})$	179044352
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 2^{15}\})$	349184
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 3^3, 2^{11}\})$	2796544
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 3^6, 2^7\})$	22369280
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 3^9, 2^3\})$	178957312
12	$\mathcal{O}(0; \{12^9, 6^2, 4^3, 2^{12}\})$	1396736
12	$\mathcal{O}(0; \{12^9, 6^2, 4^3, 3^3, 2^8\})$	11186176
12	$\mathcal{O}(0; \{12^9, 6^2, 4^3, 3^6, 2^4\})$	89477120
12	$\mathcal{O}(0; \{12^9, 6^2, 4^3, 3^9\})$	715829248
12	$\mathcal{O}(0; \{12^9, 6^2, 4^5, 2^9\})$	5586944
12	$\mathcal{O}(0; \{12^9, 6^2, 4^5, 3^3, 2^5\})$	44744704
12	$\mathcal{O}(0; \{12^9, 6^2, 4^5, 3^6, 2\})$	357908480
12	$\mathcal{O}(0; \{12^9, 6^2, 4^7, 2^6\})$	22347776
12	$\mathcal{O}(0; \{12^9, 6^2, 4^7, 3^3, 2^2\})$	178978816
12	$\mathcal{O}(0; \{12^9, 6^2, 4^9, 2^3\})$	89391104
12	$\mathcal{O}(0; \{12^9, 6^2, 4^{11}\})$	357564416
12	$\mathcal{O}(0; \{12^9, 6^3, 4, 3, 2^{12}\})$	1397760
12	$\mathcal{O}(0; \{12^9, 6^3, 4, 3^4, 2^8\})$	11185152
12	$\mathcal{O}(0; \{12^9, 6^3, 4, 3^7, 2^4\})$	89478144
12	$\mathcal{O}(0; \{12^9, 6^3, 4, 3^{10}\})$	715828224
12	$\mathcal{O}(0; \{12^9, 6^3, 4^3, 3, 2^9\})$	5591040
12	$\mathcal{O}(0; \{12^9, 6^3, 4^3, 3^4, 2^5\})$	44740608
12	$\mathcal{O}(0; \{12^9, 6^3, 4^3, 3^7, 2\})$	357912576
12	$\mathcal{O}(0; \{12^9, 6^3, 4^5, 3, 2^6\})$	22364160
12	$\mathcal{O}(0; \{12^9, 6^3, 4^5, 3^4, 2^2\})$	178962432
12	$\mathcal{O}(0; \{12^9, 6^3, 4^7, 3, 2^3\})$	89456640
12	$\mathcal{O}(0; \{12^9, 6^3, 4^9, 3\})$	357826560
12	$\mathcal{O}(0; \{12^9, 6^4, 4, 3^2, 2^9\})$	5592064
12	$\mathcal{O}(0; \{12^9, 6^4, 4, 3^5, 2^5\})$	44739584
12	$\mathcal{O}(0; \{12^9, 6^4, 4, 3^8, 2\})$	357913600
12	$\mathcal{O}(0; \{12^9, 6^4, 4^3, 3^2, 2^6\})$	22368256
12	$\mathcal{O}(0; \{12^9, 6^4, 4^3, 3^5, 2^2\})$	178958336
12	$\mathcal{O}(0; \{12^9, 6^4, 4^5, 3^2, 2^3\})$	89473024
12	$\mathcal{O}(0; \{12^9, 6^4, 4^7, 3^2\})$	357892096
12	$\mathcal{O}(0; \{12^9, 6^5, 4, 2^{10}\})$	2796544
12	$\mathcal{O}(0; \{12^9, 6^5, 4, 3^3, 2^6\})$	22369280

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^9, 6^5, 4, 3^6, 2^2\})$	178957312
12	$\mathcal{O}(0; \{12^9, 6^5, 4^3, 2^7\})$	11186176
12	$\mathcal{O}(0; \{12^9, 6^5, 4^3, 3^3, 2^3\})$	89477120
12	$\mathcal{O}(0; \{12^9, 6^5, 4^5, 2^4\})$	44744704
12	$\mathcal{O}(0; \{12^9, 6^5, 4^5, 3^3\})$	357908480
12	$\mathcal{O}(0; \{12^9, 6^5, 4^7, 2\})$	178978816
12	$\mathcal{O}(0; \{12^9, 6^6, 4, 3, 2^7\})$	11185152
12	$\mathcal{O}(0; \{12^9, 6^6, 4, 3^4, 2^3\})$	89478144
12	$\mathcal{O}(0; \{12^9, 6^6, 4^3, 3, 2^4\})$	44740608
12	$\mathcal{O}(0; \{12^9, 6^6, 4^3, 3^4\})$	357912576
12	$\mathcal{O}(0; \{12^9, 6^6, 4^5, 3, 2\})$	178962432
12	$\mathcal{O}(0; \{12^9, 6^7, 4, 3^2, 2^4\})$	44739584
12	$\mathcal{O}(0; \{12^9, 6^7, 4, 3^5\})$	357913600
12	$\mathcal{O}(0; \{12^9, 6^7, 4^3, 3^2, 2\})$	178958336
12	$\mathcal{O}(0; \{12^9, 6^8, 4, 2^5\})$	22369280
12	$\mathcal{O}(0; \{12^9, 6^8, 4, 3^3, 2\})$	178957312
12	$\mathcal{O}(0; \{12^9, 6^8, 4^3, 2^2\})$	89477120
12	$\mathcal{O}(0; \{12^9, 6^9, 4, 3, 2^2\})$	89478144
12	$\mathcal{O}(0; \{12^9, 6^{11}, 4\})$	178957312
12	$\mathcal{O}(0; \{12^{10}, 2^{18}\})$	175104
12	$\mathcal{O}(0; \{12^{10}, 3^3, 2^{14}\})$	1397760
12	$\mathcal{O}(0; \{12^{10}, 3^6, 2^{10}\})$	11185152
12	$\mathcal{O}(0; \{12^{10}, 3^9, 2^6\})$	89478144
12	$\mathcal{O}(0; \{12^{10}, 3^{12}, 2^2\})$	715828224
12	$\mathcal{O}(0; \{12^{10}, 4^2, 2^{15}\})$	700416
12	$\mathcal{O}(0; \{12^{10}, 4^2, 3^3, 2^{11}\})$	5591040
12	$\mathcal{O}(0; \{12^{10}, 4^2, 3^6, 2^7\})$	44740608
12	$\mathcal{O}(0; \{12^{10}, 4^2, 3^9, 2^3\})$	357912576
12	$\mathcal{O}(0; \{12^{10}, 4^4, 2^{12}\})$	2801664
12	$\mathcal{O}(0; \{12^{10}, 4^4, 3^3, 2^8\})$	22364160
12	$\mathcal{O}(0; \{12^{10}, 4^4, 3^6, 2^4\})$	178962432
12	$\mathcal{O}(0; \{12^{10}, 4^4, 3^9\})$	1431650304
12	$\mathcal{O}(0; \{12^{10}, 4^6, 2^9\})$	11206656
12	$\mathcal{O}(0; \{12^{10}, 4^6, 3^3, 2^5\})$	89456640
12	$\mathcal{O}(0; \{12^{10}, 4^6, 3^6, 2\})$	715849728
12	$\mathcal{O}(0; \{12^{10}, 4^8, 2^6\})$	44826624
12	$\mathcal{O}(0; \{12^{10}, 4^8, 3^3, 2^2\})$	357826560
12	$\mathcal{O}(0; \{12^{10}, 4^{10}, 2^3\})$	179306496
12	$\mathcal{O}(0; \{12^{10}, 4^{12}\})$	717225984
12	$\mathcal{O}(0; \{12^{10}, 6, 3, 2^{15}\})$	699392
12	$\mathcal{O}(0; \{12^{10}, 6, 3^4, 2^{11}\})$	5592064
12	$\mathcal{O}(0; \{12^{10}, 6, 3^7, 2^7\})$	44739584
12	$\mathcal{O}(0; \{12^{10}, 6, 3^{10}, 2^3\})$	357913600

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{10}, 6, 4^2, 3, 2^{12}\})$	2797568
12	$\mathcal{O}(0; \{12^{10}, 6, 4^2, 3^4, 2^8\})$	22368256
12	$\mathcal{O}(0; \{12^{10}, 6, 4^2, 3^7, 2^4\})$	178958336
12	$\mathcal{O}(0; \{12^{10}, 6, 4^2, 3^{10}\})$	1431654400
12	$\mathcal{O}(0; \{12^{10}, 6, 4^4, 3, 2^9\})$	11190272
12	$\mathcal{O}(0; \{12^{10}, 6, 4^4, 3^4, 2^5\})$	89473024
12	$\mathcal{O}(0; \{12^{10}, 6, 4^4, 3^7, 2\})$	715833344
12	$\mathcal{O}(0; \{12^{10}, 6, 4^6, 3, 2^6\})$	44761088
12	$\mathcal{O}(0; \{12^{10}, 6, 4^6, 3^4, 2^2\})$	357892096
12	$\mathcal{O}(0; \{12^{10}, 6, 4^8, 3, 2^3\})$	179044352
12	$\mathcal{O}(0; \{12^{10}, 6, 4^{10}, 3\})$	716177408
12	$\mathcal{O}(0; \{12^{10}, 6^2, 3^2, 2^{12}\})$	2796544
12	$\mathcal{O}(0; \{12^{10}, 6^2, 3^5, 2^8\})$	22369280
12	$\mathcal{O}(0; \{12^{10}, 6^2, 3^8, 2^4\})$	178957312
12	$\mathcal{O}(0; \{12^{10}, 6^2, 3^{11}\})$	1431655424
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^2, 3^2, 2^9\})$	11186176
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^2, 3^5, 2^5\})$	89477120
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^2, 3^8, 2\})$	715829248
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^4, 3^2, 2^6\})$	44744704
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^4, 3^5, 2^2\})$	357908480
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^6, 3^2, 2^3\})$	178978816
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^8, 3^2\})$	715915264
12	$\mathcal{O}(0; \{12^{10}, 6^3, 2^{13}\})$	1397760
12	$\mathcal{O}(0; \{12^{10}, 6^3, 3^3, 2^9\})$	11185152
12	$\mathcal{O}(0; \{12^{10}, 6^3, 3^6, 2^5\})$	89478144
12	$\mathcal{O}(0; \{12^{10}, 6^3, 3^9, 2\})$	715828224
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^2, 2^{10}\})$	5591040
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^2, 3^3, 2^6\})$	44740608
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^2, 3^6, 2^2\})$	357912576
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^4, 2^7\})$	22364160
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^4, 3^3, 2^3\})$	178962432
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^6, 2^4\})$	89456640
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^6, 3^3\})$	715849728
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^8, 2\})$	357826560
12	$\mathcal{O}(0; \{12^{10}, 6^4, 3, 2^{10}\})$	5592064
12	$\mathcal{O}(0; \{12^{10}, 6^4, 3^4, 2^6\})$	44739584
12	$\mathcal{O}(0; \{12^{10}, 6^4, 3^7, 2^2\})$	357913600
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^2, 3, 2^7\})$	22368256
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^2, 3^4, 2^3\})$	178958336
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^4, 3, 2^4\})$	89473024
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^4, 3^4\})$	715833344
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^6, 3, 2\})$	357892096
12	$\mathcal{O}(0; \{12^{10}, 6^5, 3^2, 2^7\})$	22369280

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{10}, 6^5, 3^5, 2^3\})$	178957312
12	$\mathcal{O}(0; \{12^{10}, 6^5, 4^2, 3^2, 2^4\})$	89477120
12	$\mathcal{O}(0; \{12^{10}, 6^5, 4^2, 3^5\})$	715829248
12	$\mathcal{O}(0; \{12^{10}, 6^5, 4^4, 3^2, 2\})$	357908480
12	$\mathcal{O}(0; \{12^{10}, 6^6, 2^8\})$	11185152
12	$\mathcal{O}(0; \{12^{10}, 6^6, 3^3, 2^4\})$	89478144
12	$\mathcal{O}(0; \{12^{10}, 6^6, 3^6\})$	715828224
12	$\mathcal{O}(0; \{12^{10}, 6^6, 4^2, 2^5\})$	44740608
12	$\mathcal{O}(0; \{12^{10}, 6^6, 4^2, 3^3, 2\})$	357912576
12	$\mathcal{O}(0; \{12^{10}, 6^6, 4^4, 2^2\})$	178962432
12	$\mathcal{O}(0; \{12^{10}, 6^7, 3, 2^5\})$	44739584
12	$\mathcal{O}(0; \{12^{10}, 6^7, 3^4, 2\})$	357913600
12	$\mathcal{O}(0; \{12^{10}, 6^7, 4^2, 3, 2^2\})$	178958336
12	$\mathcal{O}(0; \{12^{10}, 6^8, 3^2, 2^2\})$	178957312
12	$\mathcal{O}(0; \{12^{10}, 6^9, 2^3\})$	89478144
12	$\mathcal{O}(0; \{12^{10}, 6^9, 4^2\})$	357912576
12	$\mathcal{O}(0; \{12^{10}, 6^{10}, 3\})$	357913600
12	$\mathcal{O}(0; \{12^{11}, 4, 3^2, 2^{12}\})$	5591040
12	$\mathcal{O}(0; \{12^{11}, 4, 3^5, 2^8\})$	44740608
12	$\mathcal{O}(0; \{12^{11}, 4, 3^8, 2^4\})$	357912576
12	$\mathcal{O}(0; \{12^{11}, 4, 3^{11}\})$	2863312896
12	$\mathcal{O}(0; \{12^{11}, 4^3, 3^2, 2^9\})$	22364160
12	$\mathcal{O}(0; \{12^{11}, 4^3, 3^5, 2^5\})$	178962432
12	$\mathcal{O}(0; \{12^{11}, 4^3, 3^8, 2\})$	1431650304
12	$\mathcal{O}(0; \{12^{11}, 4^5, 3^2, 2^6\})$	89456640
12	$\mathcal{O}(0; \{12^{11}, 4^5, 3^5, 2^2\})$	715849728
12	$\mathcal{O}(0; \{12^{11}, 4^7, 3^2, 2^3\})$	357826560
12	$\mathcal{O}(0; \{12^{11}, 4^9, 3^2\})$	1431306240
12	$\mathcal{O}(0; \{12^{11}, 6, 4, 2^{13}\})$	2797568
12	$\mathcal{O}(0; \{12^{11}, 6, 4, 3^3, 2^9\})$	22368256
12	$\mathcal{O}(0; \{12^{11}, 6, 4, 3^6, 2^5\})$	178958336
12	$\mathcal{O}(0; \{12^{11}, 6, 4, 3^9, 2\})$	1431654400
12	$\mathcal{O}(0; \{12^{11}, 6, 4^3, 2^{10}\})$	11190272
12	$\mathcal{O}(0; \{12^{11}, 6, 4^3, 3^3, 2^6\})$	89473024
12	$\mathcal{O}(0; \{12^{11}, 6, 4^3, 3^6, 2^2\})$	715833344
12	$\mathcal{O}(0; \{12^{11}, 6, 4^5, 2^7\})$	44761088
12	$\mathcal{O}(0; \{12^{11}, 6, 4^5, 3^3, 2^3\})$	357892096
12	$\mathcal{O}(0; \{12^{11}, 6, 4^7, 2^4\})$	179044352
12	$\mathcal{O}(0; \{12^{11}, 6, 4^7, 3^3\})$	1431568384
12	$\mathcal{O}(0; \{12^{11}, 6, 4^9, 2\})$	716177408
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4, 3, 2^{10}\})$	11186176
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4, 3^4, 2^6\})$	89477120
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4, 3^7, 2^2\})$	715829248

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^3, 3, 2^7\})$	44744704
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^3, 3^4, 2^3\})$	357908480
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^5, 3, 2^4\})$	178978816
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^5, 3^4\})$	1431633920
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^7, 3, 2\})$	715915264
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4, 3^2, 2^7\})$	44740608
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4, 3^5, 2^3\})$	357912576
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4^3, 3^2, 2^4\})$	178962432
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4^3, 3^5\})$	1431650304
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4^5, 3^2, 2\})$	715849728
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4, 2^8\})$	22368256
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4, 3^3, 2^4\})$	178958336
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4, 3^6\})$	1431654400
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4^3, 2^5\})$	89473024
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4^3, 3^3, 2\})$	715833344
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4^5, 2^2\})$	357892096
12	$\mathcal{O}(0; \{12^{11}, 6^5, 4, 3, 2^5\})$	89477120
12	$\mathcal{O}(0; \{12^{11}, 6^5, 4, 3^4, 2\})$	715829248
12	$\mathcal{O}(0; \{12^{11}, 6^5, 4^3, 3, 2^2\})$	357908480
12	$\mathcal{O}(0; \{12^{11}, 6^6, 4, 3^2, 2^2\})$	357912576
12	$\mathcal{O}(0; \{12^{11}, 6^7, 4, 2^3\})$	178958336
12	$\mathcal{O}(0; \{12^{11}, 6^7, 4^3\})$	715833344
12	$\mathcal{O}(0; \{12^{11}, 6^8, 4, 3\})$	715829248
12	$\mathcal{O}(0; \{12^{12}, 3, 2^{13}\})$	5591040
12	$\mathcal{O}(0; \{12^{12}, 3^4, 2^9\})$	44740608
12	$\mathcal{O}(0; \{12^{12}, 3^7, 2^5\})$	357912576
12	$\mathcal{O}(0; \{12^{12}, 3^{10}, 2\})$	2863312896
12	$\mathcal{O}(0; \{12^{12}, 4^2, 3, 2^{10}\})$	22364160
12	$\mathcal{O}(0; \{12^{12}, 4^2, 3^4, 2^6\})$	178962432
12	$\mathcal{O}(0; \{12^{12}, 4^2, 3^7, 2^2\})$	1431650304
12	$\mathcal{O}(0; \{12^{12}, 4^4, 3, 2^7\})$	89456640
12	$\mathcal{O}(0; \{12^{12}, 4^4, 3^4, 2^3\})$	715849728
12	$\mathcal{O}(0; \{12^{12}, 4^6, 3, 2^4\})$	357826560
12	$\mathcal{O}(0; \{12^{12}, 4^6, 3^4\})$	2863398912
12	$\mathcal{O}(0; \{12^{12}, 4^8, 3, 2\})$	1431306240
12	$\mathcal{O}(0; \{12^{12}, 6, 3^2, 2^{10}\})$	22368256
12	$\mathcal{O}(0; \{12^{12}, 6, 3^5, 2^6\})$	178958336
12	$\mathcal{O}(0; \{12^{12}, 6, 3^8, 2^2\})$	1431654400
12	$\mathcal{O}(0; \{12^{12}, 6, 4^2, 3^2, 2^7\})$	89473024
12	$\mathcal{O}(0; \{12^{12}, 6, 4^2, 3^5, 2^3\})$	715833344
12	$\mathcal{O}(0; \{12^{12}, 6, 4^4, 3^2, 2^4\})$	357892096
12	$\mathcal{O}(0; \{12^{12}, 6, 4^4, 3^5\})$	2863333376
12	$\mathcal{O}(0; \{12^{12}, 6, 4^6, 3^2, 2\})$	1431568384

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{12}, 6^2, 2^{11}\})$	11186176
12	$\mathcal{O}(0; \{12^{12}, 6^2, 3^3, 2^7\})$	89477120
12	$\mathcal{O}(0; \{12^{12}, 6^2, 3^6, 2^3\})$	715829248
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^2, 2^8\})$	44744704
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^2, 3^3, 2^4\})$	357908480
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^2, 3^6\})$	2863316992
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^4, 2^5\})$	178978816
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^4, 3^3, 2\})$	1431633920
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^6, 2^2\})$	715915264
12	$\mathcal{O}(0; \{12^{12}, 6^3, 3, 2^8\})$	44740608
12	$\mathcal{O}(0; \{12^{12}, 6^3, 3^4, 2^4\})$	357912576
12	$\mathcal{O}(0; \{12^{12}, 6^3, 3^7\})$	2863312896
12	$\mathcal{O}(0; \{12^{12}, 6^3, 4^2, 3, 2^5\})$	178962432
12	$\mathcal{O}(0; \{12^{12}, 6^3, 4^2, 3^4, 2\})$	1431650304
12	$\mathcal{O}(0; \{12^{12}, 6^3, 4^4, 3, 2^2\})$	715849728
12	$\mathcal{O}(0; \{12^{12}, 6^4, 3^2, 2^5\})$	178958336
12	$\mathcal{O}(0; \{12^{12}, 6^4, 3^5, 2\})$	1431654400
12	$\mathcal{O}(0; \{12^{12}, 6^4, 4^2, 3^2, 2^2\})$	715833344
12	$\mathcal{O}(0; \{12^{12}, 6^5, 2^6\})$	89477120
12	$\mathcal{O}(0; \{12^{12}, 6^5, 3^3, 2^2\})$	715829248
12	$\mathcal{O}(0; \{12^{12}, 6^5, 4^2, 2^3\})$	357908480
12	$\mathcal{O}(0; \{12^{12}, 6^5, 4^4\})$	1431633920
12	$\mathcal{O}(0; \{12^{12}, 6^6, 3, 2^3\})$	357912576
12	$\mathcal{O}(0; \{12^{12}, 6^6, 4^2, 3\})$	1431650304
12	$\mathcal{O}(0; \{12^{12}, 6^7, 3^2\})$	1431654400
12	$\mathcal{O}(0; \{12^{12}, 6^8, 2\})$	715829248
12	$\mathcal{O}(0; \{12^{13}, 4, 2^{11}\})$	22364160
12	$\mathcal{O}(0; \{12^{13}, 4, 3^3, 2^7\})$	178962432
12	$\mathcal{O}(0; \{12^{13}, 4, 3^6, 2^3\})$	1431650304
12	$\mathcal{O}(0; \{12^{13}, 4^3, 2^8\})$	89456640
12	$\mathcal{O}(0; \{12^{13}, 4^3, 3^3, 2^4\})$	715849728
12	$\mathcal{O}(0; \{12^{13}, 4^3, 3^6\})$	5726601216
12	$\mathcal{O}(0; \{12^{13}, 4^5, 2^5\})$	357826560
12	$\mathcal{O}(0; \{12^{13}, 4^5, 3^3, 2\})$	2863398912
12	$\mathcal{O}(0; \{12^{13}, 4^7, 2^2\})$	1431306240
12	$\mathcal{O}(0; \{12^{13}, 6, 4, 3, 2^8\})$	89473024
12	$\mathcal{O}(0; \{12^{13}, 6, 4, 3^4, 2^4\})$	715833344
12	$\mathcal{O}(0; \{12^{13}, 6, 4, 3^7\})$	5726617600
12	$\mathcal{O}(0; \{12^{13}, 6, 4^3, 3, 2^5\})$	357892096
12	$\mathcal{O}(0; \{12^{13}, 6, 4^3, 3^4, 2\})$	2863333376
12	$\mathcal{O}(0; \{12^{13}, 6, 4^5, 3, 2^2\})$	1431568384
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4, 3^2, 2^5\})$	357908480
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4, 3^5, 2\})$	2863316992

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4^3, 3^2, 2^2\})$	1431633920
12	$\mathcal{O}(0; \{12^{13}, 6^3, 4, 2^6\})$	178962432
12	$\mathcal{O}(0; \{12^{13}, 6^3, 4, 3^3, 2^2\})$	1431650304
12	$\mathcal{O}(0; \{12^{13}, 6^3, 4^3, 2^3\})$	715849728
12	$\mathcal{O}(0; \{12^{13}, 6^3, 4^5\})$	2863398912
12	$\mathcal{O}(0; \{12^{13}, 6^4, 4, 3, 2^3\})$	715833344
12	$\mathcal{O}(0; \{12^{13}, 6^4, 4^3, 3\})$	2863333376
12	$\mathcal{O}(0; \{12^{13}, 6^5, 4, 3^2\})$	2863316992
12	$\mathcal{O}(0; \{12^{13}, 6^6, 4, 2\})$	1431650304
12	$\mathcal{O}(0; \{12^{14}, 3^2, 2^8\})$	178962432
12	$\mathcal{O}(0; \{12^{14}, 3^5, 2^4\})$	1431650304
12	$\mathcal{O}(0; \{12^{14}, 3^8\})$	11453251584
12	$\mathcal{O}(0; \{12^{14}, 4^2, 3^2, 2^5\})$	715849728
12	$\mathcal{O}(0; \{12^{14}, 4^2, 3^5, 2\})$	5726601216
12	$\mathcal{O}(0; \{12^{14}, 4^4, 3^2, 2^2\})$	2863398912
12	$\mathcal{O}(0; \{12^{14}, 6, 2^9\})$	89473024
12	$\mathcal{O}(0; \{12^{14}, 6, 3^3, 2^5\})$	715833344
12	$\mathcal{O}(0; \{12^{14}, 6, 3^6, 2\})$	5726617600
12	$\mathcal{O}(0; \{12^{14}, 6, 4^2, 2^6\})$	357892096
12	$\mathcal{O}(0; \{12^{14}, 6, 4^2, 3^3, 2^2\})$	2863333376
12	$\mathcal{O}(0; \{12^{14}, 6, 4^4, 2^3\})$	1431568384
12	$\mathcal{O}(0; \{12^{14}, 6, 4^6\})$	5726273536
12	$\mathcal{O}(0; \{12^{14}, 6^2, 3, 2^6\})$	357908480
12	$\mathcal{O}(0; \{12^{14}, 6^2, 3^4, 2^2\})$	2863316992
12	$\mathcal{O}(0; \{12^{14}, 6^2, 4^2, 3, 2^3\})$	1431633920
12	$\mathcal{O}(0; \{12^{14}, 6^2, 4^4, 3\})$	5726535680
12	$\mathcal{O}(0; \{12^{14}, 6^3, 3^2, 2^3\})$	1431650304
12	$\mathcal{O}(0; \{12^{14}, 6^3, 4^2, 3^2\})$	5726601216
12	$\mathcal{O}(0; \{12^{14}, 6^4, 2^4\})$	715833344
12	$\mathcal{O}(0; \{12^{14}, 6^4, 3^3\})$	5726617600
12	$\mathcal{O}(0; \{12^{14}, 6^4, 4^2, 2\})$	2863333376
12	$\mathcal{O}(0; \{12^{14}, 6^5, 3, 2\})$	2863316992
12	$\mathcal{O}(0; \{12^{15}, 4, 3, 2^6\})$	715849728
12	$\mathcal{O}(0; \{12^{15}, 4, 3^4, 2^2\})$	5726601216
12	$\mathcal{O}(0; \{12^{15}, 4^3, 3, 2^3\})$	2863398912
12	$\mathcal{O}(0; \{12^{15}, 4^5, 3\})$	11453595648
12	$\mathcal{O}(0; \{12^{15}, 6, 4, 3^2, 2^3\})$	2863333376
12	$\mathcal{O}(0; \{12^{15}, 6, 4^3, 3^2\})$	11453333504
12	$\mathcal{O}(0; \{12^{15}, 6^2, 4, 2^4\})$	1431633920
12	$\mathcal{O}(0; \{12^{15}, 6^2, 4, 3^3\})$	11453267968
12	$\mathcal{O}(0; \{12^{15}, 6^2, 4^3, 2\})$	5726535680
12	$\mathcal{O}(0; \{12^{15}, 6^3, 4, 3, 2\})$	5726601216
12	$\mathcal{O}(0; \{12^{16}, 2^7\})$	715849728

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{16}, 3^3, 2^3\})$	5726601216
12	$\mathcal{O}(0; \{12^{16}, 4^2, 2^4\})$	2863398912
12	$\mathcal{O}(0; \{12^{16}, 4^2, 3^3\})$	22906404864
12	$\mathcal{O}(0; \{12^{16}, 4^4, 2\})$	11453595648
12	$\mathcal{O}(0; \{12^{16}, 6, 3, 2^4\})$	2863333376
12	$\mathcal{O}(0; \{12^{16}, 6, 3^4\})$	22906470400
12	$\mathcal{O}(0; \{12^{16}, 6, 4^2, 3, 2\})$	11453333504
12	$\mathcal{O}(0; \{12^{16}, 6^2, 3^2, 2\})$	11453267968
12	$\mathcal{O}(0; \{12^{16}, 6^3, 2^2\})$	5726601216
12	$\mathcal{O}(0; \{12^{17}, 4, 3^2, 2\})$	22906404864
12	$\mathcal{O}(0; \{12^{17}, 6, 4, 2^2\})$	11453333504
12	$\mathcal{O}(0; \{12^{18}, 3, 2^2\})$	22906404864
12	$\mathcal{O}(0; \{12^{18}, 6^2\})$	45813071872
12	$\mathcal{O}(0; \{12^{19}, 4\})$	91625619456
13	$\mathcal{O}(2; \{13^{14}\})$	2820768866613880572
14	$\mathcal{O}(7; \{14^2\})$	66672040953348096
14	$\mathcal{O}(6; \{14^2, 2^4\})$	340163474251776
14	$\mathcal{O}(5; \{14, 7^4, 2^3\})$	321072667023360
14	$\mathcal{O}(5; \{14^2, 2^8\})$	1735527929856
14	$\mathcal{O}(5; \{14^3, 7^3, 2\})$	1928171530070016
14	$\mathcal{O}(4; \{7^8, 2^2\})$	354109680830976
14	$\mathcal{O}(4; \{14, 7^4, 2^7\})$	1638125852160
14	$\mathcal{O}(4; \{14^2, 2^{12}\})$	8854734336
14	$\mathcal{O}(4; \{14^2, 7^7\})$	2124649230251520
14	$\mathcal{O}(4; \{14^3, 7^3, 2^5\})$	9837609847296
14	$\mathcal{O}(4; \{14^5, 7^2, 2^3\})$	59016804349440
14	$\mathcal{O}(4; \{14^7, 7, 2\})$	354109680830976
14	$\mathcal{O}(3; \{7^8, 2^6\})$	1806682045056
14	$\mathcal{O}(3; \{14, 7^4, 2^{11}\})$	8357784960
14	$\mathcal{O}(3; \{14^2, 2^{16}\})$	45177216
14	$\mathcal{O}(3; \{14^2, 7^7, 2^4\})$	10840047093120
14	$\mathcal{O}(3; \{14^3, 7^3, 2^9\})$	50191886976
14	$\mathcal{O}(3; \{14^4, 7^6, 2^2\})$	65040327735936
14	$\mathcal{O}(3; \{14^5, 7^2, 2^7\})$	301106144640
14	$\mathcal{O}(3; \{14^6, 7^5\})$	390241921238400
14	$\mathcal{O}(3; \{14^7, 7, 2^5\})$	1806682045056
14	$\mathcal{O}(3; \{14^9, 2^3\})$	10840047093120
14	$\mathcal{O}(2; \{7^8, 2^{10}\})$	9217765536
14	$\mathcal{O}(2; \{14, 7^4, 2^{15}\})$	42641760
14	$\mathcal{O}(2; \{14, 7^{11}, 2^3\})$	11946181492896
14	$\mathcal{O}(2; \{14^2, 2^{20}\})$	230496
14	$\mathcal{O}(2; \{14^2, 7^7, 2^8\})$	55306362720
14	$\mathcal{O}(2; \{14^3, 7^3, 2^{13}\})$	256081056

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
14	$\mathcal{O}(2; \{14^3, 7^{10}, 2\})$	71677088726880
14	$\mathcal{O}(2; \{14^4, 7^6, 2^6\})$	331838406816
14	$\mathcal{O}(2; \{14^5, 7^2, 2^{11}\})$	1536255840
14	$\mathcal{O}(2; \{14^6, 7^5, 2^4\})$	1991030210400
14	$\mathcal{O}(2; \{14^7, 7, 2^9\})$	9217765536
14	$\mathcal{O}(2; \{14^8, 7^4, 2^2\})$	11946181492896
14	$\mathcal{O}(2; \{14^9, 2^7\})$	55306362720
14	$\mathcal{O}(2; \{14^{10}, 7^3\})$	71677088726880
14	$\mathcal{O}(1; \{7^8, 2^{14}\})$	47029416
14	$\mathcal{O}(1; \{7^{15}, 2^2\})$	13165179567960
14	$\mathcal{O}(1; \{14, 7^4, 2^{19}\})$	217560
14	$\mathcal{O}(1; \{14, 7^{11}, 2^7\})$	60949905576
14	$\mathcal{O}(1; \{14^2, 2^{24}\})$	1176
14	$\mathcal{O}(1; \{14^2, 7^7, 2^{12}\})$	282175320
14	$\mathcal{O}(1; \{14^2, 7^{14}\})$	78991077408936
14	$\mathcal{O}(1; \{14^3, 7^3, 2^{17}\})$	1306536
14	$\mathcal{O}(1; \{14^3, 7^{10}, 2^5\})$	365699432280
14	$\mathcal{O}(1; \{14^4, 7^6, 2^{10}\})$	1693053096
14	$\mathcal{O}(1; \{14^5, 7^2, 2^{15}\})$	7838040
14	$\mathcal{O}(1; \{14^5, 7^9, 2^3\})$	2194196594856
14	$\mathcal{O}(1; \{14^6, 7^5, 2^8\})$	10158317400
14	$\mathcal{O}(1; \{14^7, 7, 2^{13}\})$	47029416
14	$\mathcal{O}(1; \{14^7, 7^8, 2\})$	13165179567960
14	$\mathcal{O}(1; \{14^8, 7^4, 2^6\})$	60949905576
14	$\mathcal{O}(1; \{14^9, 2^{11}\})$	282175320
14	$\mathcal{O}(1; \{14^{10}, 7^3, 2^4\})$	365699432280
14	$\mathcal{O}(1; \{14^{12}, 7^2, 2^2\})$	2194196594856
14	$\mathcal{O}(1; \{14^{14}, 7\})$	13165179567960
14	$\mathcal{O}(0; \{7^8, 2^{18}\})$	239946
14	$\mathcal{O}(0; \{7^{15}, 2^6\})$	67169283510
14	$\mathcal{O}(0; \{14, 7^4, 2^{23}\})$	1110
14	$\mathcal{O}(0; \{14, 7^{11}, 2^{11}\})$	310968906
14	$\mathcal{O}(0; \{14^2, 2^{28}\})$	6
14	$\mathcal{O}(0; \{14^2, 7^7, 2^{16}\})$	1439670
14	$\mathcal{O}(0; \{14^2, 7^{14}, 2^4\})$	403015701066
14	$\mathcal{O}(0; \{14^3, 7^3, 2^{21}\})$	6666
14	$\mathcal{O}(0; \{14^3, 7^{10}, 2^9\})$	1865813430
14	$\mathcal{O}(0; \{14^4, 7^6, 2^{14}\})$	8638026
14	$\mathcal{O}(0; \{14^4, 7^{13}, 2^2\})$	2418094206390
14	$\mathcal{O}(0; \{14^5, 7^2, 2^{19}\})$	39990
14	$\mathcal{O}(0; \{14^5, 7^9, 2^7\})$	11194880586
14	$\mathcal{O}(0; \{14^6, 7^5, 2^{12}\})$	51828150
14	$\mathcal{O}(0; \{14^6, 7^{12}\})$	14508565238346

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
14	$\mathcal{O}(0; \{14^7, 7, 2^{17}\})$	239946
14	$\mathcal{O}(0; \{14^7, 7^8, 2^5\})$	67169283510
14	$\mathcal{O}(0; \{14^8, 7^4, 2^{10}\})$	310968906
14	$\mathcal{O}(0; \{14^9, 2^{15}\})$	1439670
14	$\mathcal{O}(0; \{14^9, 7^7, 2^3\})$	403015701066
14	$\mathcal{O}(0; \{14^{10}, 7^3, 2^8\})$	1865813430
14	$\mathcal{O}(0; \{14^{11}, 7^6, 2\})$	2418094206390
14	$\mathcal{O}(0; \{14^{12}, 7^2, 2^6\})$	11194880586
14	$\mathcal{O}(0; \{14^{14}, 7, 2^4\})$	67169283510
14	$\mathcal{O}(0; \{14^{16}, 2^2\})$	403015701066
15	$\mathcal{O}(6; \{5^2, 3^2\})$	1037970703125000
15	$\mathcal{O}(5; \{5^2, 3^5\})$	23066015625000
15	$\mathcal{O}(5; \{15^2, 5^3, 3\})$	235273359375000
15	$\mathcal{O}(5; \{15^3, 5, 3^2\})$	299858203125000
15	$\mathcal{O}(4; \{5^2, 3^8\})$	881634375000
15	$\mathcal{O}(4; \{5^7, 3^2\})$	16792059375000
15	$\mathcal{O}(4; \{15, 5^5, 3^3\})$	12609421875000
15	$\mathcal{O}(4; \{15^2, 5^3, 3^4\})$	11502253125000
15	$\mathcal{O}(4; \{15^3, 5, 3^5\})$	11461246875000
15	$\mathcal{O}(4; \{15^4, 5^4\})$	201566221875000
15	$\mathcal{O}(4; \{15^5, 5^2, 3\})$	184712653125000
15	$\mathcal{O}(4; \{15^6, 3^2\})$	180735046875000
15	$\mathcal{O}(3; \{5^2, 3^{11}\})$	31073625000
15	$\mathcal{O}(3; \{5^7, 3^5\})$	373156875000
15	$\mathcal{O}(3; \{15, 5^5, 3^6\})$	392293125000
15	$\mathcal{O}(3; \{15^2, 5^3, 3^7\})$	395026875000
15	$\mathcal{O}(3; \{15^2, 5^8, 3\})$	4777592625000
15	$\mathcal{O}(3; \{15^3, 5, 3^8\})$	403957125000
15	$\mathcal{O}(3; \{15^3, 5^6, 3^2\})$	5971876875000
15	$\mathcal{O}(3; \{15^4, 5^4, 3^3\})$	6270949125000
15	$\mathcal{O}(3; \{15^5, 5^2, 3^4\})$	6343666875000
15	$\mathcal{O}(3; \{15^6, 3^5\})$	6370093125000
15	$\mathcal{O}(3; \{15^7, 5^3\})$	100329445125000
15	$\mathcal{O}(3; \{15^8, 5, 3\})$	101521906875000
15	$\mathcal{O}(2; \{5^2, 3^{14}\})$	1106055000
15	$\mathcal{O}(2; \{5^7, 3^8\})$	14262885000
15	$\mathcal{O}(2; \{5^{12}, 3^2\})$	339738705000
15	$\mathcal{O}(2; \{15, 5^5, 3^9\})$	14197275000
15	$\mathcal{O}(2; \{15, 5^{10}, 3^3\})$	254803725000
15	$\mathcal{O}(2; \{15^2, 5^3, 3^{10}\})$	14107365000
15	$\mathcal{O}(2; \{15^2, 5^8, 3^4\})$	233571195000
15	$\mathcal{O}(2; \{15^3, 5, 3^{11}\})$	14378715000
15	$\mathcal{O}(2; \{15^3, 5^6, 3^5\})$	228258405000

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(2; \{15^4, 5^4, 3^6\})$	226948635000
15	$\mathcal{O}(2; \{15^4, 5^9\})$	4076863245000
15	$\mathcal{O}(2; \{15^5, 5^2, 3^7\})$	226547685000
15	$\mathcal{O}(2; \{15^5, 5^7, 3\})$	3737125755000
15	$\mathcal{O}(2; \{15^6, 3^8\})$	226741275000
15	$\mathcal{O}(2; \{15^6, 5^5, 3^2\})$	3652186725000
15	$\mathcal{O}(2; \{15^7, 5^3, 3^3\})$	3630970395000
15	$\mathcal{O}(2; \{15^8, 5, 3^4\})$	3625592805000
15	$\mathcal{O}(2; \{15^{10}, 5^2\})$	58095318555000
15	$\mathcal{O}(2; \{15^{11}, 3\})$	58010314725000
15	$\mathcal{O}(1; \{5^2, 3^{17}\})$	39321000
15	$\mathcal{O}(1; \{5^7, 3^{11}\})$	502702200
15	$\mathcal{O}(1; \{5^{12}, 3^5\})$	7549749000
15	$\mathcal{O}(1; \{15, 5^5, 3^{12}\})$	503685000
15	$\mathcal{O}(1; \{15, 5^{10}, 3^6\})$	7927227000
15	$\mathcal{O}(1; \{15^2, 5^3, 3^{13}\})$	501319800
15	$\mathcal{O}(1; \{15^2, 5^8, 3^7\})$	8021637000
15	$\mathcal{O}(1; \{15^2, 5^{13}, 3\})$	96636763800
15	$\mathcal{O}(1; \{15^3, 5, 3^{14}\})$	511173000
15	$\mathcal{O}(1; \{15^3, 5^6, 3^8\})$	8045076600
15	$\mathcal{O}(1; \{15^3, 5^{11}, 3^2\})$	120795957000
15	$\mathcal{O}(1; \{15^4, 5^4, 3^9\})$	8051589000
15	$\mathcal{O}(1; \{15^4, 5^9, 3^3\})$	126835745400
15	$\mathcal{O}(1; \{15^5, 5^2, 3^{10}\})$	8050606200
15	$\mathcal{O}(1; \{15^5, 5^7, 3^4\})$	128345733000
15	$\mathcal{O}(1; \{15^6, 3^{11}\})$	8060805000
15	$\mathcal{O}(1; \{15^6, 5^5, 3^5\})$	128723067000
15	$\mathcal{O}(1; \{15^7, 5^3, 3^6\})$	128818053000
15	$\mathcal{O}(1; \{15^7, 5^8\})$	2029372039800
15	$\mathcal{O}(1; \{15^8, 5, 3^7\})$	128839188600
15	$\mathcal{O}(1; \{15^8, 5^6, 3\})$	2053531269000
15	$\mathcal{O}(1; \{15^9, 5^4, 3^2\})$	2059570913400
15	$\mathcal{O}(1; \{15^{10}, 5^2, 3^3\})$	2061081477000
15	$\mathcal{O}(1; \{15^{11}, 3^4\})$	2061456507000
15	$\mathcal{O}(1; \{15^{13}, 5\})$	32977296261000
15	$\mathcal{O}(0; \{5^2, 3^{20}\})$	1398104
15	$\mathcal{O}(0; \{5^7, 3^{14}\})$	17893512
15	$\mathcal{O}(0; \{5^{12}, 3^8\})$	288568184
15	$\mathcal{O}(0; \{5^{17}, 3^2\})$	6871947672
15	$\mathcal{O}(0; \{15, 5^5, 3^{15}\})$	17913720
15	$\mathcal{O}(0; \{15, 5^{10}, 3^9\})$	286890120
15	$\mathcal{O}(0; \{15, 5^{15}, 3^3\})$	5153960760
15	$\mathcal{O}(0; \{15^2, 5^3, 3^{16}\})$	17825928

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(0; \{15^2, 5^8, 3^{10}\})$	286472056
15	$\mathcal{O}(0; \{15^2, 5^{13}, 3^4\})$	4724464008
15	$\mathcal{O}(0; \{15^3, 5, 3^{17}\})$	18175352
15	$\mathcal{O}(0; \{15^3, 5^6, 3^{11}\})$	286361736
15	$\mathcal{O}(0; \{15^3, 5^{11}, 3^5\})$	4617089912
15	$\mathcal{O}(0; \{15^4, 5^4, 3^{12}\})$	286357368
15	$\mathcal{O}(0; \{15^4, 5^9, 3^6\})$	4590246024
15	$\mathcal{O}(0; \{15^4, 5^{14}\})$	82463372088
15	$\mathcal{O}(0; \{15^5, 5^2, 3^{13}\})$	286263432
15	$\mathcal{O}(0; \{15^5, 5^7, 3^7\})$	4583536504
15	$\mathcal{O}(0; \{15^5, 5^{12}, 3\})$	75591424392
15	$\mathcal{O}(0; \{15^6, 3^{14}\})$	286611320
15	$\mathcal{O}(0; \{15^6, 5^5, 3^8\})$	4581853320
15	$\mathcal{O}(0; \{15^6, 5^{10}, 3^2\})$	73873437560
15	$\mathcal{O}(0; \{15^7, 5^3, 3^9\})$	4581455736
15	$\mathcal{O}(0; \{15^7, 5^8, 3^3\})$	73443940488
15	$\mathcal{O}(0; \{15^8, 5, 3^{10}\})$	4581263496
15	$\mathcal{O}(0; \{15^8, 5^6, 3^4\})$	73336567672
15	$\mathcal{O}(0; \{15^9, 5^4, 3^5\})$	73309718664
15	$\mathcal{O}(0; \{15^{10}, 5^2, 3^6\})$	73303029624
15	$\mathcal{O}(0; \{15^{10}, 5^7\})$	1175103051912
15	$\mathcal{O}(0; \{15^{11}, 3^7\})$	73301264520
15	$\mathcal{O}(0; \{15^{11}, 5^5, 3\})$	1173385066360
15	$\mathcal{O}(0; \{15^{12}, 5^3, 3^2\})$	1172955564168
15	$\mathcal{O}(0; \{15^{13}, 5, 3^3\})$	1172848211832
15	$\mathcal{O}(0; \{15^{16}\})$	18765571127160
16	$\mathcal{O}(5; \{16^2, 4, 2^3\})$	17592186044416
16	$\mathcal{O}(5; \{16^2, 4^3\})$	70368744177664
16	$\mathcal{O}(5; \{16^2, 8^2, 2\})$	140737488355328
16	$\mathcal{O}(4; \{16^2, 4, 2^7\})$	68719476736
16	$\mathcal{O}(4; \{16^2, 4^3, 2^4\})$	274877906944
16	$\mathcal{O}(4; \{16^2, 4^5, 2\})$	1099511627776
16	$\mathcal{O}(4; \{16^2, 8^2, 2^5\})$	549755813888
16	$\mathcal{O}(4; \{16^2, 8^2, 4^2, 2^2\})$	2199023255552
16	$\mathcal{O}(4; \{16^2, 8^4, 4\})$	17592186044416
16	$\mathcal{O}(4; \{16^4, 8, 2^3\})$	8796093022208
16	$\mathcal{O}(4; \{16^4, 8, 4^2\})$	35184372088832
16	$\mathcal{O}(4; \{16^6, 2\})$	140737488355328
16	$\mathcal{O}(3; \{16^2, 4, 2^{11}\})$	268435456
16	$\mathcal{O}(3; \{16^2, 4^3, 2^8\})$	1073741824
16	$\mathcal{O}(3; \{16^2, 4^5, 2^5\})$	4294967296
16	$\mathcal{O}(3; \{16^2, 4^7, 2^2\})$	17179869184
16	$\mathcal{O}(3; \{16^2, 8^2, 2^9\})$	2147483648

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(3; \{16^2, 8^2, 4^2, 2^6\})$	8589934592
16	$\mathcal{O}(3; \{16^2, 8^2, 4^4, 2^3\})$	34359738368
16	$\mathcal{O}(3; \{16^2, 8^2, 4^6\})$	137438953472
16	$\mathcal{O}(3; \{16^2, 8^4, 4, 2^4\})$	68719476736
16	$\mathcal{O}(3; \{16^2, 8^4, 4^3, 2\})$	274877906944
16	$\mathcal{O}(3; \{16^2, 8^6, 2^2\})$	549755813888
16	$\mathcal{O}(3; \{16^4, 8, 2^7\})$	34359738368
16	$\mathcal{O}(3; \{16^4, 8, 4^2, 2^4\})$	137438953472
16	$\mathcal{O}(3; \{16^4, 8, 4^4, 2\})$	549755813888
16	$\mathcal{O}(3; \{16^4, 8^3, 4, 2^2\})$	1099511627776
16	$\mathcal{O}(3; \{16^4, 8^5\})$	8796093022208
16	$\mathcal{O}(3; \{16^6, 2^5\})$	549755813888
16	$\mathcal{O}(3; \{16^6, 4^2, 2^2\})$	2199023255552
16	$\mathcal{O}(3; \{16^6, 8^2, 4\})$	17592186044416
16	$\mathcal{O}(2; \{16^2, 4, 2^{15}\})$	1048576
16	$\mathcal{O}(2; \{16^2, 4^3, 2^{12}\})$	4194304
16	$\mathcal{O}(2; \{16^2, 4^5, 2^9\})$	16777216
16	$\mathcal{O}(2; \{16^2, 4^7, 2^6\})$	67108864
16	$\mathcal{O}(2; \{16^2, 4^9, 2^3\})$	268435456
16	$\mathcal{O}(2; \{16^2, 4^{11}\})$	1073741824
16	$\mathcal{O}(2; \{16^2, 8^2, 2^{13}\})$	8388608
16	$\mathcal{O}(2; \{16^2, 8^2, 4^2, 2^{10}\})$	33554432
16	$\mathcal{O}(2; \{16^2, 8^2, 4^4, 2^7\})$	134217728
16	$\mathcal{O}(2; \{16^2, 8^2, 4^6, 2^4\})$	536870912
16	$\mathcal{O}(2; \{16^2, 8^2, 4^8, 2\})$	2147483648
16	$\mathcal{O}(2; \{16^2, 8^4, 4, 2^8\})$	268435456
16	$\mathcal{O}(2; \{16^2, 8^4, 4^3, 2^5\})$	1073741824
16	$\mathcal{O}(2; \{16^2, 8^4, 4^5, 2^2\})$	4294967296
16	$\mathcal{O}(2; \{16^2, 8^6, 2^6\})$	2147483648
16	$\mathcal{O}(2; \{16^2, 8^6, 4^2, 2^3\})$	8589934592
16	$\mathcal{O}(2; \{16^2, 8^6, 4^4\})$	34359738368
16	$\mathcal{O}(2; \{16^2, 8^8, 4, 2\})$	68719476736
16	$\mathcal{O}(2; \{16^4, 8, 2^{11}\})$	134217728
16	$\mathcal{O}(2; \{16^4, 8, 4^2, 2^8\})$	536870912
16	$\mathcal{O}(2; \{16^4, 8, 4^4, 2^5\})$	2147483648
16	$\mathcal{O}(2; \{16^4, 8, 4^6, 2^2\})$	8589934592
16	$\mathcal{O}(2; \{16^4, 8^3, 4, 2^6\})$	4294967296
16	$\mathcal{O}(2; \{16^4, 8^3, 4^3, 2^3\})$	17179869184
16	$\mathcal{O}(2; \{16^4, 8^3, 4^5\})$	68719476736
16	$\mathcal{O}(2; \{16^4, 8^5, 2^4\})$	34359738368
16	$\mathcal{O}(2; \{16^4, 8^5, 4^2, 2\})$	137438953472
16	$\mathcal{O}(2; \{16^6, 2^9\})$	2147483648
16	$\mathcal{O}(2; \{16^6, 4^2, 2^6\})$	8589934592

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(2; \{16^6, 4^4, 2^3\})$	34359738368
16	$\mathcal{O}(2; \{16^6, 4^6\})$	137438953472
16	$\mathcal{O}(2; \{16^6, 8^2, 4, 2^4\})$	68719476736
16	$\mathcal{O}(2; \{16^6, 8^2, 4^3, 2\})$	274877906944
16	$\mathcal{O}(2; \{16^6, 8^4, 2^2\})$	549755813888
16	$\mathcal{O}(2; \{16^8, 8, 4, 2^2\})$	1099511627776
16	$\mathcal{O}(2; \{16^8, 8^3\})$	8796093022208
16	$\mathcal{O}(2; \{16^{10}, 4\})$	17592186044416
16	$\mathcal{O}(1; \{16^2, 4, 2^{19}\})$	4096
16	$\mathcal{O}(1; \{16^2, 4^3, 2^{16}\})$	16384
16	$\mathcal{O}(1; \{16^2, 4^5, 2^{13}\})$	65536
16	$\mathcal{O}(1; \{16^2, 4^7, 2^{10}\})$	262144
16	$\mathcal{O}(1; \{16^2, 4^9, 2^7\})$	1048576
16	$\mathcal{O}(1; \{16^2, 4^{11}, 2^4\})$	4194304
16	$\mathcal{O}(1; \{16^2, 4^{13}, 2\})$	16777216
16	$\mathcal{O}(1; \{16^2, 8^2, 2^{17}\})$	32768
16	$\mathcal{O}(1; \{16^2, 8^2, 4^2, 2^{14}\})$	131072
16	$\mathcal{O}(1; \{16^2, 8^2, 4^4, 2^{11}\})$	524288
16	$\mathcal{O}(1; \{16^2, 8^2, 4^6, 2^8\})$	2097152
16	$\mathcal{O}(1; \{16^2, 8^2, 4^8, 2^5\})$	8388608
16	$\mathcal{O}(1; \{16^2, 8^2, 4^{10}, 2^2\})$	33554432
16	$\mathcal{O}(1; \{16^2, 8^4, 4, 2^{12}\})$	1048576
16	$\mathcal{O}(1; \{16^2, 8^4, 4^3, 2^9\})$	4194304
16	$\mathcal{O}(1; \{16^2, 8^4, 4^5, 2^6\})$	16777216
16	$\mathcal{O}(1; \{16^2, 8^4, 4^7, 2^3\})$	67108864
16	$\mathcal{O}(1; \{16^2, 8^4, 4^9\})$	268435456
16	$\mathcal{O}(1; \{16^2, 8^6, 2^{10}\})$	8388608
16	$\mathcal{O}(1; \{16^2, 8^6, 4^2, 2^7\})$	33554432
16	$\mathcal{O}(1; \{16^2, 8^6, 4^4, 2^4\})$	134217728
16	$\mathcal{O}(1; \{16^2, 8^6, 4^6, 2\})$	536870912
16	$\mathcal{O}(1; \{16^2, 8^8, 4, 2^5\})$	268435456
16	$\mathcal{O}(1; \{16^2, 8^8, 4^3, 2^2\})$	1073741824
16	$\mathcal{O}(1; \{16^2, 8^{10}, 2^3\})$	2147483648
16	$\mathcal{O}(1; \{16^2, 8^{10}, 4^2\})$	8589934592
16	$\mathcal{O}(1; \{16^4, 8, 2^{15}\})$	524288
16	$\mathcal{O}(1; \{16^4, 8, 4^2, 2^{12}\})$	2097152
16	$\mathcal{O}(1; \{16^4, 8, 4^4, 2^9\})$	8388608
16	$\mathcal{O}(1; \{16^4, 8, 4^6, 2^6\})$	33554432
16	$\mathcal{O}(1; \{16^4, 8, 4^8, 2^3\})$	134217728
16	$\mathcal{O}(1; \{16^4, 8, 4^{10}\})$	536870912
16	$\mathcal{O}(1; \{16^4, 8^3, 4, 2^{10}\})$	16777216
16	$\mathcal{O}(1; \{16^4, 8^3, 4^3, 2^7\})$	67108864
16	$\mathcal{O}(1; \{16^4, 8^3, 4^5, 2^4\})$	268435456

Continued on next page

Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(1; \{16^4, 8^3, 4^7, 2\})$	1073741824
16	$\mathcal{O}(1; \{16^4, 8^5, 2^8\})$	134217728
16	$\mathcal{O}(1; \{16^4, 8^5, 4^2, 2^5\})$	536870912
16	$\mathcal{O}(1; \{16^4, 8^5, 4^4, 2^2\})$	2147483648
16	$\mathcal{O}(1; \{16^4, 8^7, 4, 2^3\})$	4294967296
16	$\mathcal{O}(1; \{16^4, 8^7, 4^3\})$	17179869184
16	$\mathcal{O}(1; \{16^4, 8^9, 2\})$	34359738368
16	$\mathcal{O}(1; \{16^6, 2^{13}\})$	8388608
16	$\mathcal{O}(1; \{16^6, 4^2, 2^{10}\})$	33554432
16	$\mathcal{O}(1; \{16^6, 4^4, 2^7\})$	134217728
16	$\mathcal{O}(1; \{16^6, 4^6, 2^4\})$	536870912
16	$\mathcal{O}(1; \{16^6, 4^8, 2\})$	2147483648
16	$\mathcal{O}(1; \{16^6, 8^2, 4, 2^8\})$	268435456
16	$\mathcal{O}(1; \{16^6, 8^2, 4^3, 2^5\})$	1073741824
16	$\mathcal{O}(1; \{16^6, 8^2, 4^5, 2^2\})$	4294967296
16	$\mathcal{O}(1; \{16^6, 8^4, 2^6\})$	2147483648
16	$\mathcal{O}(1; \{16^6, 8^4, 4^2, 2^3\})$	8589934592
16	$\mathcal{O}(1; \{16^6, 8^4, 4^4\})$	34359738368
16	$\mathcal{O}(1; \{16^6, 8^6, 4, 2\})$	68719476736
16	$\mathcal{O}(1; \{16^8, 8, 4, 2^6\})$	4294967296
16	$\mathcal{O}(1; \{16^8, 8, 4^3, 2^3\})$	17179869184
16	$\mathcal{O}(1; \{16^8, 8, 4^5\})$	68719476736
16	$\mathcal{O}(1; \{16^8, 8^3, 2^4\})$	34359738368
16	$\mathcal{O}(1; \{16^8, 8^3, 4^2, 2\})$	137438953472
16	$\mathcal{O}(1; \{16^{10}, 4, 2^4\})$	68719476736
16	$\mathcal{O}(1; \{16^{10}, 4^3, 2\})$	274877906944
16	$\mathcal{O}(1; \{16^{10}, 8^2, 2^2\})$	549755813888
16	$\mathcal{O}(1; \{16^{12}, 8\})$	8796093022208
16	$\mathcal{O}(0; \{16^2, 4, 2^{23}\})$	16
16	$\mathcal{O}(0; \{16^2, 4^3, 2^{20}\})$	64
16	$\mathcal{O}(0; \{16^2, 4^5, 2^{17}\})$	256
16	$\mathcal{O}(0; \{16^2, 4^7, 2^{14}\})$	1024
16	$\mathcal{O}(0; \{16^2, 4^9, 2^{11}\})$	4096
16	$\mathcal{O}(0; \{16^2, 4^{11}, 2^8\})$	16384
16	$\mathcal{O}(0; \{16^2, 4^{13}, 2^5\})$	65536
16	$\mathcal{O}(0; \{16^2, 4^{15}, 2^2\})$	262144
16	$\mathcal{O}(0; \{16^2, 8^2, 2^{21}\})$	128
16	$\mathcal{O}(0; \{16^2, 8^2, 4^2, 2^{18}\})$	512
16	$\mathcal{O}(0; \{16^2, 8^2, 4^4, 2^{15}\})$	2048
16	$\mathcal{O}(0; \{16^2, 8^2, 4^6, 2^{12}\})$	8192
16	$\mathcal{O}(0; \{16^2, 8^2, 4^8, 2^9\})$	32768
16	$\mathcal{O}(0; \{16^2, 8^2, 4^{10}, 2^6\})$	131072
16	$\mathcal{O}(0; \{16^2, 8^2, 4^{12}, 2^3\})$	524288

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{16^2, 8^2, 4^{14}\})$	2097152
16	$\mathcal{O}(0; \{16^2, 8^4, 4, 2^{16}\})$	4096
16	$\mathcal{O}(0; \{16^2, 8^4, 4^3, 2^{13}\})$	16384
16	$\mathcal{O}(0; \{16^2, 8^4, 4^5, 2^{10}\})$	65536
16	$\mathcal{O}(0; \{16^2, 8^4, 4^7, 2^7\})$	262144
16	$\mathcal{O}(0; \{16^2, 8^4, 4^9, 2^4\})$	1048576
16	$\mathcal{O}(0; \{16^2, 8^4, 4^{11}, 2\})$	4194304
16	$\mathcal{O}(0; \{16^2, 8^6, 2^{14}\})$	32768
16	$\mathcal{O}(0; \{16^2, 8^6, 4^2, 2^{11}\})$	131072
16	$\mathcal{O}(0; \{16^2, 8^6, 4^4, 2^8\})$	524288
16	$\mathcal{O}(0; \{16^2, 8^6, 4^6, 2^5\})$	2097152
16	$\mathcal{O}(0; \{16^2, 8^6, 4^8, 2^2\})$	8388608
16	$\mathcal{O}(0; \{16^2, 8^8, 4, 2^9\})$	1048576
16	$\mathcal{O}(0; \{16^2, 8^8, 4^3, 2^6\})$	4194304
16	$\mathcal{O}(0; \{16^2, 8^8, 4^5, 2^3\})$	16777216
16	$\mathcal{O}(0; \{16^2, 8^8, 4^7\})$	67108864
16	$\mathcal{O}(0; \{16^2, 8^{10}, 2^7\})$	8388608
16	$\mathcal{O}(0; \{16^2, 8^{10}, 4^2, 2^4\})$	33554432
16	$\mathcal{O}(0; \{16^2, 8^{10}, 4^4, 2\})$	134217728
16	$\mathcal{O}(0; \{16^2, 8^{12}, 4, 2^2\})$	268435456
16	$\mathcal{O}(0; \{16^2, 8^{14}\})$	2147483648
16	$\mathcal{O}(0; \{16^4, 8, 2^{19}\})$	2048
16	$\mathcal{O}(0; \{16^4, 8, 4^2, 2^{16}\})$	8192
16	$\mathcal{O}(0; \{16^4, 8, 4^4, 2^{13}\})$	32768
16	$\mathcal{O}(0; \{16^4, 8, 4^6, 2^{10}\})$	131072
16	$\mathcal{O}(0; \{16^4, 8, 4^8, 2^7\})$	524288
16	$\mathcal{O}(0; \{16^4, 8, 4^{10}, 2^4\})$	2097152
16	$\mathcal{O}(0; \{16^4, 8, 4^{12}, 2\})$	8388608
16	$\mathcal{O}(0; \{16^4, 8^3, 4, 2^{14}\})$	65536
16	$\mathcal{O}(0; \{16^4, 8^3, 4^3, 2^{11}\})$	262144
16	$\mathcal{O}(0; \{16^4, 8^3, 4^5, 2^8\})$	1048576
16	$\mathcal{O}(0; \{16^4, 8^3, 4^7, 2^5\})$	4194304
16	$\mathcal{O}(0; \{16^4, 8^3, 4^9, 2^2\})$	16777216
16	$\mathcal{O}(0; \{16^4, 8^5, 2^{12}\})$	524288
16	$\mathcal{O}(0; \{16^4, 8^5, 4^2, 2^9\})$	2097152
16	$\mathcal{O}(0; \{16^4, 8^5, 4^4, 2^6\})$	8388608
16	$\mathcal{O}(0; \{16^4, 8^5, 4^6, 2^3\})$	33554432
16	$\mathcal{O}(0; \{16^4, 8^5, 4^8\})$	134217728
16	$\mathcal{O}(0; \{16^4, 8^7, 4, 2^7\})$	16777216
16	$\mathcal{O}(0; \{16^4, 8^7, 4^3, 2^4\})$	67108864
16	$\mathcal{O}(0; \{16^4, 8^7, 4^5, 2\})$	268435456
16	$\mathcal{O}(0; \{16^4, 8^9, 2^5\})$	134217728
16	$\mathcal{O}(0; \{16^4, 8^9, 4^2, 2^2\})$	536870912

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{16^4, 8^{11}, 4\})$	4294967296
16	$\mathcal{O}(0; \{16^6, 2^{17}\})$	32768
16	$\mathcal{O}(0; \{16^6, 4^2, 2^{14}\})$	131072
16	$\mathcal{O}(0; \{16^6, 4^4, 2^{11}\})$	524288
16	$\mathcal{O}(0; \{16^6, 4^6, 2^8\})$	2097152
16	$\mathcal{O}(0; \{16^6, 4^8, 2^5\})$	8388608
16	$\mathcal{O}(0; \{16^6, 4^{10}, 2^2\})$	33554432
16	$\mathcal{O}(0; \{16^6, 8^2, 4, 2^{12}\})$	1048576
16	$\mathcal{O}(0; \{16^6, 8^2, 4^3, 2^9\})$	4194304
16	$\mathcal{O}(0; \{16^6, 8^2, 4^5, 2^6\})$	16777216
16	$\mathcal{O}(0; \{16^6, 8^2, 4^7, 2^3\})$	67108864
16	$\mathcal{O}(0; \{16^6, 8^2, 4^9\})$	268435456
16	$\mathcal{O}(0; \{16^6, 8^4, 2^{10}\})$	8388608
16	$\mathcal{O}(0; \{16^6, 8^4, 4^2, 2^7\})$	33554432
16	$\mathcal{O}(0; \{16^6, 8^4, 4^4, 2^4\})$	134217728
16	$\mathcal{O}(0; \{16^6, 8^4, 4^6, 2\})$	536870912
16	$\mathcal{O}(0; \{16^6, 8^6, 4, 2^5\})$	268435456
16	$\mathcal{O}(0; \{16^6, 8^6, 4^3, 2^2\})$	1073741824
16	$\mathcal{O}(0; \{16^6, 8^8, 2^3\})$	2147483648
16	$\mathcal{O}(0; \{16^6, 8^8, 4^2\})$	8589934592
16	$\mathcal{O}(0; \{16^8, 8, 4, 2^{10}\})$	16777216
16	$\mathcal{O}(0; \{16^8, 8, 4^3, 2^7\})$	67108864
16	$\mathcal{O}(0; \{16^8, 8, 4^5, 2^4\})$	268435456
16	$\mathcal{O}(0; \{16^8, 8, 4^7, 2\})$	1073741824
16	$\mathcal{O}(0; \{16^8, 8^3, 2^8\})$	134217728
16	$\mathcal{O}(0; \{16^8, 8^3, 4^2, 2^5\})$	536870912
16	$\mathcal{O}(0; \{16^8, 8^3, 4^4, 2^2\})$	2147483648
16	$\mathcal{O}(0; \{16^8, 8^5, 4, 2^3\})$	4294967296
16	$\mathcal{O}(0; \{16^8, 8^5, 4^3\})$	17179869184
16	$\mathcal{O}(0; \{16^8, 8^7, 2\})$	34359738368
16	$\mathcal{O}(0; \{16^{10}, 4, 2^8\})$	268435456
16	$\mathcal{O}(0; \{16^{10}, 4^3, 2^5\})$	1073741824
16	$\mathcal{O}(0; \{16^{10}, 4^5, 2^2\})$	4294967296
16	$\mathcal{O}(0; \{16^{10}, 8^2, 2^6\})$	2147483648
16	$\mathcal{O}(0; \{16^{10}, 8^2, 4^2, 2^3\})$	8589934592
16	$\mathcal{O}(0; \{16^{10}, 8^2, 4^4\})$	34359738368
16	$\mathcal{O}(0; \{16^{10}, 8^4, 4, 2\})$	68719476736
16	$\mathcal{O}(0; \{16^{12}, 8, 2^4\})$	34359738368
16	$\mathcal{O}(0; \{16^{12}, 8, 4^2, 2\})$	137438953472
16	$\mathcal{O}(0; \{16^{14}, 2^2\})$	549755813888
17	$\mathcal{O}(2; \{17^{10}\})$	5401900627342096
18	$\mathcal{O}(5; \{9^2, 2^2\})$	21422803359744
18	$\mathcal{O}(5; \{18^2, 9\})$	64268410079232

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(4; \{9^2, 2^6\})$	66119763456
18	$\mathcal{O}(4; \{9^2, 3^3, 2^2\})$	528958107648
18	$\mathcal{O}(4; \{9^2, 6, 3, 2^3\})$	264479053824
18	$\mathcal{O}(4; \{9^2, 6^2, 3^2\})$	1057916215296
18	$\mathcal{O}(4; \{9^2, 6^3, 2\})$	528958107648
18	$\mathcal{O}(4; \{18, 9^3, 3, 2\})$	3570467226624
18	$\mathcal{O}(4; \{18^2, 9, 2^4\})$	198359290368
18	$\mathcal{O}(4; \{18^2, 9, 3^3\})$	1586874322944
18	$\mathcal{O}(4; \{18^2, 9, 6, 3, 2\})$	793437161472
18	$\mathcal{O}(4; \{18^4, 2^2\})$	1785233613312
18	$\mathcal{O}(3; \{9^2, 2^{10}\})$	204073344
18	$\mathcal{O}(3; \{9^2, 3^3, 2^6\})$	1632586752
18	$\mathcal{O}(3; \{9^2, 3^6, 2^2\})$	13060694016
18	$\mathcal{O}(3; \{9^2, 6, 3, 2^7\})$	816293376
18	$\mathcal{O}(3; \{9^2, 6, 3^4, 2^3\})$	6530347008
18	$\mathcal{O}(3; \{9^2, 6^2, 3^2, 2^4\})$	3265173504
18	$\mathcal{O}(3; \{9^2, 6^2, 3^5\})$	26121388032
18	$\mathcal{O}(3; \{9^2, 6^3, 2^5\})$	1632586752
18	$\mathcal{O}(3; \{9^2, 6^3, 3^3, 2\})$	13060694016
18	$\mathcal{O}(3; \{9^2, 6^4, 3, 2^2\})$	6530347008
18	$\mathcal{O}(3; \{9^2, 6^6\})$	13060694016
18	$\mathcal{O}(3; \{9^5, 3^2, 2^2\})$	110199605760
18	$\mathcal{O}(3; \{9^5, 6, 2^3\})$	55099802880
18	$\mathcal{O}(3; \{9^5, 6^2, 3\})$	220399211520
18	$\mathcal{O}(3; \{18, 9^3, 3, 2^5\})$	11019960576
18	$\mathcal{O}(3; \{18, 9^3, 3^4, 2\})$	88159684608
18	$\mathcal{O}(3; \{18, 9^3, 6, 3^2, 2^2\})$	44079842304
18	$\mathcal{O}(3; \{18, 9^3, 6^2, 2^3\})$	22039921152
18	$\mathcal{O}(3; \{18, 9^3, 6^3, 3\})$	88159684608
18	$\mathcal{O}(3; \{18, 9^6, 2\})$	1041386274432
18	$\mathcal{O}(3; \{18^2, 9, 2^8\})$	612220032
18	$\mathcal{O}(3; \{18^2, 9, 3^3, 2^4\})$	4897760256
18	$\mathcal{O}(3; \{18^2, 9, 3^6\})$	39182082048
18	$\mathcal{O}(3; \{18^2, 9, 6, 3, 2^5\})$	2448880128
18	$\mathcal{O}(3; \{18^2, 9, 6, 3^4, 2\})$	19591041024
18	$\mathcal{O}(3; \{18^2, 9, 6^2, 3^2, 2^2\})$	9795520512
18	$\mathcal{O}(3; \{18^2, 9, 6^3, 2^3\})$	4897760256
18	$\mathcal{O}(3; \{18^2, 9, 6^4, 3\})$	19591041024
18	$\mathcal{O}(3; \{18^2, 9^4, 3^2\})$	727317398016
18	$\mathcal{O}(3; \{18^2, 9^4, 6, 2\})$	363658699008
18	$\mathcal{O}(3; \{18^3, 9^2, 3, 2^3\})$	55099802880
18	$\mathcal{O}(3; \{18^3, 9^2, 6, 3^2\})$	220399211520
18	$\mathcal{O}(3; \{18^3, 9^2, 6^2, 2\})$	110199605760

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(3; \{18^4, 2^6\})$	5509980288
18	$\mathcal{O}(3; \{18^4, 3^3, 2^2\})$	44079842304
18	$\mathcal{O}(3; \{18^4, 6, 3, 2^3\})$	22039921152
18	$\mathcal{O}(3; \{18^4, 6^2, 3^2\})$	88159684608
18	$\mathcal{O}(3; \{18^4, 6^3, 2\})$	44079842304
18	$\mathcal{O}(3; \{18^5, 9, 3, 2\})$	363658699008
18	$\mathcal{O}(2; \{9^2, 2^{14}\})$	629856
18	$\mathcal{O}(2; \{9^2, 3^3, 2^{10}\})$	5038848
18	$\mathcal{O}(2; \{9^2, 3^6, 2^6\})$	40310784
18	$\mathcal{O}(2; \{9^2, 3^9, 2^2\})$	322486272
18	$\mathcal{O}(2; \{9^2, 6, 3, 2^{11}\})$	2519424
18	$\mathcal{O}(2; \{9^2, 6, 3^4, 2^7\})$	20155392
18	$\mathcal{O}(2; \{9^2, 6, 3^7, 2^3\})$	161243136
18	$\mathcal{O}(2; \{9^2, 6^2, 3^2, 2^8\})$	10077696
18	$\mathcal{O}(2; \{9^2, 6^2, 3^5, 2^4\})$	80621568
18	$\mathcal{O}(2; \{9^2, 6^2, 3^8\})$	644972544
18	$\mathcal{O}(2; \{9^2, 6^3, 2^9\})$	5038848
18	$\mathcal{O}(2; \{9^2, 6^3, 3^3, 2^5\})$	40310784
18	$\mathcal{O}(2; \{9^2, 6^3, 3^6, 2\})$	322486272
18	$\mathcal{O}(2; \{9^2, 6^4, 3, 2^6\})$	20155392
18	$\mathcal{O}(2; \{9^2, 6^4, 3^4, 2^2\})$	161243136
18	$\mathcal{O}(2; \{9^2, 6^5, 3^2, 2^3\})$	80621568
18	$\mathcal{O}(2; \{9^2, 6^6, 2^4\})$	40310784
18	$\mathcal{O}(2; \{9^2, 6^6, 3^3\})$	322486272
18	$\mathcal{O}(2; \{9^2, 6^7, 3, 2\})$	161243136
18	$\mathcal{O}(2; \{9^5, 3^2, 2^6\})$	340122240
18	$\mathcal{O}(2; \{9^5, 3^5, 2^2\})$	2720977920
18	$\mathcal{O}(2; \{9^5, 6, 2^7\})$	170061120
18	$\mathcal{O}(2; \{9^5, 6, 3^3, 2^3\})$	1360488960
18	$\mathcal{O}(2; \{9^5, 6^2, 3, 2^4\})$	680244480
18	$\mathcal{O}(2; \{9^5, 6^2, 3^4\})$	5441955840
18	$\mathcal{O}(2; \{9^5, 6^3, 3^2, 2\})$	2720977920
18	$\mathcal{O}(2; \{9^5, 6^4, 2^2\})$	1360488960
18	$\mathcal{O}(2; \{9^8, 3, 2^2\})$	39488192064
18	$\mathcal{O}(2; \{9^8, 6^2\})$	78976384128
18	$\mathcal{O}(2; \{18, 9^3, 3, 2^9\})$	34012224
18	$\mathcal{O}(2; \{18, 9^3, 3^4, 2^5\})$	272097792
18	$\mathcal{O}(2; \{18, 9^3, 3^7, 2\})$	2176782336
18	$\mathcal{O}(2; \{18, 9^3, 6, 3^2, 2^6\})$	136048896
18	$\mathcal{O}(2; \{18, 9^3, 6, 3^5, 2^2\})$	1088391168
18	$\mathcal{O}(2; \{18, 9^3, 6^2, 2^7\})$	68024448
18	$\mathcal{O}(2; \{18, 9^3, 6^2, 3^3, 2^3\})$	544195584
18	$\mathcal{O}(2; \{18, 9^3, 6^3, 3, 2^4\})$	272097792

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(2; \{18, 9^3, 6^3, 3^4\})$	2176782336
18	$\mathcal{O}(2; \{18, 9^3, 6^4, 3^2, 2\})$	1088391168
18	$\mathcal{O}(2; \{18, 9^3, 6^5, 2^2\})$	544195584
18	$\mathcal{O}(2; \{18, 9^6, 2^5\})$	3214155168
18	$\mathcal{O}(2; \{18, 9^6, 3^3, 2\})$	25713241344
18	$\mathcal{O}(2; \{18, 9^6, 6, 3, 2^2\})$	12856620672
18	$\mathcal{O}(2; \{18, 9^6, 6^3\})$	25713241344
18	$\mathcal{O}(2; \{18^2, 9, 2^{12}\})$	1889568
18	$\mathcal{O}(2; \{18^2, 9, 3^3, 2^8\})$	15116544
18	$\mathcal{O}(2; \{18^2, 9, 3^6, 2^4\})$	120932352
18	$\mathcal{O}(2; \{18^2, 9, 3^9\})$	967458816
18	$\mathcal{O}(2; \{18^2, 9, 6, 3, 2^9\})$	7558272
18	$\mathcal{O}(2; \{18^2, 9, 6, 3^4, 2^5\})$	60466176
18	$\mathcal{O}(2; \{18^2, 9, 6, 3^7, 2\})$	483729408
18	$\mathcal{O}(2; \{18^2, 9, 6^2, 3^2, 2^6\})$	30233088
18	$\mathcal{O}(2; \{18^2, 9, 6^2, 3^5, 2^2\})$	241864704
18	$\mathcal{O}(2; \{18^2, 9, 6^3, 2^7\})$	15116544
18	$\mathcal{O}(2; \{18^2, 9, 6^3, 3^3, 2^3\})$	120932352
18	$\mathcal{O}(2; \{18^2, 9, 6^4, 3, 2^4\})$	60466176
18	$\mathcal{O}(2; \{18^2, 9, 6^4, 3^4\})$	483729408
18	$\mathcal{O}(2; \{18^2, 9, 6^5, 3^2, 2\})$	241864704
18	$\mathcal{O}(2; \{18^2, 9, 6^6, 2^2\})$	120932352
18	$\mathcal{O}(2; \{18^2, 9^4, 3^2, 2^4\})$	2244806784
18	$\mathcal{O}(2; \{18^2, 9^4, 3^5\})$	17958454272
18	$\mathcal{O}(2; \{18^2, 9^4, 6, 2^5\})$	1122403392
18	$\mathcal{O}(2; \{18^2, 9^4, 6, 3^3, 2\})$	8979227136
18	$\mathcal{O}(2; \{18^2, 9^4, 6^2, 3, 2^2\})$	4489613568
18	$\mathcal{O}(2; \{18^2, 9^4, 6^4\})$	8979227136
18	$\mathcal{O}(2; \{18^2, 9^7, 3\})$	234174162240
18	$\mathcal{O}(2; \{18^3, 9^2, 3, 2^7\})$	170061120
18	$\mathcal{O}(2; \{18^3, 9^2, 3^4, 2^3\})$	1360488960
18	$\mathcal{O}(2; \{18^3, 9^2, 6, 3^2, 2^4\})$	680244480
18	$\mathcal{O}(2; \{18^3, 9^2, 6, 3^5\})$	5441955840
18	$\mathcal{O}(2; \{18^3, 9^2, 6^2, 2^5\})$	340122240
18	$\mathcal{O}(2; \{18^3, 9^2, 6^2, 3^3, 2\})$	2720977920
18	$\mathcal{O}(2; \{18^3, 9^2, 6^3, 3, 2^2\})$	1360488960
18	$\mathcal{O}(2; \{18^3, 9^2, 6^5\})$	2720977920
18	$\mathcal{O}(2; \{18^3, 9^5, 2^3\})$	19744096032
18	$\mathcal{O}(2; \{18^3, 9^5, 6, 3\})$	78976384128
18	$\mathcal{O}(2; \{18^4, 2^{10}\})$	17006112
18	$\mathcal{O}(2; \{18^4, 3^3, 2^6\})$	136048896
18	$\mathcal{O}(2; \{18^4, 3^6, 2^2\})$	1088391168
18	$\mathcal{O}(2; \{18^4, 6, 3, 2^7\})$	68024448

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(2; \{18^4, 6, 3^4, 2^3\})$	544195584
18	$\mathcal{O}(2; \{18^4, 6^2, 3^2, 2^4\})$	272097792
18	$\mathcal{O}(2; \{18^4, 6^2, 3^5\})$	2176782336
18	$\mathcal{O}(2; \{18^4, 6^3, 2^5\})$	136048896
18	$\mathcal{O}(2; \{18^4, 6^3, 3^3, 2\})$	1088391168
18	$\mathcal{O}(2; \{18^4, 6^4, 3, 2^2\})$	544195584
18	$\mathcal{O}(2; \{18^4, 6^6\})$	1088391168
18	$\mathcal{O}(2; \{18^4, 9^3, 3^2, 2^2\})$	12856620672
18	$\mathcal{O}(2; \{18^4, 9^3, 6, 2^3\})$	6428310336
18	$\mathcal{O}(2; \{18^4, 9^3, 6^2, 3\})$	25713241344
18	$\mathcal{O}(2; \{18^5, 9, 3, 2^5\})$	1122403392
18	$\mathcal{O}(2; \{18^5, 9, 3^4, 2\})$	8979227136
18	$\mathcal{O}(2; \{18^5, 9, 6, 3^2, 2^2\})$	4489613568
18	$\mathcal{O}(2; \{18^5, 9, 6^2, 2^3\})$	2244806784
18	$\mathcal{O}(2; \{18^5, 9, 6^3, 3\})$	8979227136
18	$\mathcal{O}(2; \{18^5, 9^4, 2\})$	117087081120
18	$\mathcal{O}(2; \{18^6, 9^2, 3^2\})$	78976384128
18	$\mathcal{O}(2; \{18^6, 9^2, 6, 2\})$	39488192064
18	$\mathcal{O}(2; \{18^7, 3, 2^3\})$	6428310336
18	$\mathcal{O}(2; \{18^7, 6, 3^2\})$	25713241344
18	$\mathcal{O}(2; \{18^7, 6^2, 2\})$	12856620672
18	$\mathcal{O}(1; \{9^2, 2^{18}\})$	1944
18	$\mathcal{O}(1; \{9^2, 3^3, 2^{14}\})$	15552
18	$\mathcal{O}(1; \{9^2, 3^6, 2^{10}\})$	124416
18	$\mathcal{O}(1; \{9^2, 3^9, 2^6\})$	995328
18	$\mathcal{O}(1; \{9^2, 3^{12}, 2^2\})$	7962624
18	$\mathcal{O}(1; \{9^2, 6, 3, 2^{15}\})$	7776
18	$\mathcal{O}(1; \{9^2, 6, 3^4, 2^{11}\})$	62208
18	$\mathcal{O}(1; \{9^2, 6, 3^7, 2^7\})$	497664
18	$\mathcal{O}(1; \{9^2, 6, 3^{10}, 2^3\})$	3981312
18	$\mathcal{O}(1; \{9^2, 6^2, 3^2, 2^{12}\})$	31104
18	$\mathcal{O}(1; \{9^2, 6^2, 3^5, 2^8\})$	248832
18	$\mathcal{O}(1; \{9^2, 6^2, 3^8, 2^4\})$	1990656
18	$\mathcal{O}(1; \{9^2, 6^2, 3^{11}\})$	15925248
18	$\mathcal{O}(1; \{9^2, 6^3, 2^{13}\})$	15552
18	$\mathcal{O}(1; \{9^2, 6^3, 3^3, 2^9\})$	124416
18	$\mathcal{O}(1; \{9^2, 6^3, 3^6, 2^5\})$	995328
18	$\mathcal{O}(1; \{9^2, 6^3, 3^9, 2\})$	7962624
18	$\mathcal{O}(1; \{9^2, 6^4, 3, 2^{10}\})$	62208
18	$\mathcal{O}(1; \{9^2, 6^4, 3^4, 2^6\})$	497664
18	$\mathcal{O}(1; \{9^2, 6^4, 3^7, 2^2\})$	3981312
18	$\mathcal{O}(1; \{9^2, 6^5, 3^2, 2^7\})$	248832
18	$\mathcal{O}(1; \{9^2, 6^5, 3^5, 2^3\})$	1990656

Continued on next page

Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{9^2, 6^6, 2^8\})$	124416
18	$\mathcal{O}(1; \{9^2, 6^6, 3^3, 2^4\})$	995328
18	$\mathcal{O}(1; \{9^2, 6^6, 3^6\})$	7962624
18	$\mathcal{O}(1; \{9^2, 6^7, 3, 2^5\})$	497664
18	$\mathcal{O}(1; \{9^2, 6^7, 3^4, 2\})$	3981312
18	$\mathcal{O}(1; \{9^2, 6^8, 3^2, 2^2\})$	1990656
18	$\mathcal{O}(1; \{9^2, 6^9, 2^3\})$	995328
18	$\mathcal{O}(1; \{9^2, 6^{10}, 3\})$	3981312
18	$\mathcal{O}(1; \{9^5, 3^2, 2^{10}\})$	1049760
18	$\mathcal{O}(1; \{9^5, 3^5, 2^6\})$	8398080
18	$\mathcal{O}(1; \{9^5, 3^8, 2^2\})$	67184640
18	$\mathcal{O}(1; \{9^5, 6, 2^{11}\})$	524880
18	$\mathcal{O}(1; \{9^5, 6, 3^3, 2^7\})$	4199040
18	$\mathcal{O}(1; \{9^5, 6, 3^6, 2^3\})$	33592320
18	$\mathcal{O}(1; \{9^5, 6^2, 3, 2^8\})$	2099520
18	$\mathcal{O}(1; \{9^5, 6^2, 3^4, 2^4\})$	16796160
18	$\mathcal{O}(1; \{9^5, 6^2, 3^7\})$	134369280
18	$\mathcal{O}(1; \{9^5, 6^3, 3^2, 2^5\})$	8398080
18	$\mathcal{O}(1; \{9^5, 6^3, 3^5, 2\})$	67184640
18	$\mathcal{O}(1; \{9^5, 6^4, 2^6\})$	4199040
18	$\mathcal{O}(1; \{9^5, 6^4, 3^3, 2^2\})$	33592320
18	$\mathcal{O}(1; \{9^5, 6^5, 3, 2^3\})$	16796160
18	$\mathcal{O}(1; \{9^5, 6^6, 3^2\})$	67184640
18	$\mathcal{O}(1; \{9^5, 6^7, 2\})$	33592320
18	$\mathcal{O}(1; \{9^8, 3, 2^6\})$	121877136
18	$\mathcal{O}(1; \{9^8, 3^4, 2^2\})$	975017088
18	$\mathcal{O}(1; \{9^8, 6, 3^2, 2^3\})$	487508544
18	$\mathcal{O}(1; \{9^8, 6^2, 2^4\})$	243754272
18	$\mathcal{O}(1; \{9^8, 6^2, 3^3\})$	1950034176
18	$\mathcal{O}(1; \{9^8, 6^3, 3, 2\})$	975017088
18	$\mathcal{O}(1; \{9^{11}, 2^2\})$	13047939432
18	$\mathcal{O}(1; \{18, 9^3, 3, 2^{13}\})$	104976
18	$\mathcal{O}(1; \{18, 9^3, 3^4, 2^9\})$	839808
18	$\mathcal{O}(1; \{18, 9^3, 3^7, 2^5\})$	6718464
18	$\mathcal{O}(1; \{18, 9^3, 3^{10}, 2\})$	53747712
18	$\mathcal{O}(1; \{18, 9^3, 6, 3^2, 2^{10}\})$	419904
18	$\mathcal{O}(1; \{18, 9^3, 6, 3^5, 2^6\})$	3359232
18	$\mathcal{O}(1; \{18, 9^3, 6, 3^8, 2^2\})$	26873856
18	$\mathcal{O}(1; \{18, 9^3, 6^2, 2^{11}\})$	209952
18	$\mathcal{O}(1; \{18, 9^3, 6^2, 3^3, 2^7\})$	1679616
18	$\mathcal{O}(1; \{18, 9^3, 6^2, 3^6, 2^3\})$	13436928
18	$\mathcal{O}(1; \{18, 9^3, 6^3, 3, 2^8\})$	839808
18	$\mathcal{O}(1; \{18, 9^3, 6^3, 3^4, 2^4\})$	6718464

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18, 9^3, 6^3, 3^7\})$	53747712
18	$\mathcal{O}(1; \{18, 9^3, 6^4, 3^2, 2^5\})$	3359232
18	$\mathcal{O}(1; \{18, 9^3, 6^4, 3^5, 2\})$	26873856
18	$\mathcal{O}(1; \{18, 9^3, 6^5, 2^6\})$	1679616
18	$\mathcal{O}(1; \{18, 9^3, 6^5, 3^3, 2^2\})$	13436928
18	$\mathcal{O}(1; \{18, 9^3, 6^6, 3, 2^3\})$	6718464
18	$\mathcal{O}(1; \{18, 9^3, 6^7, 3^2\})$	26873856
18	$\mathcal{O}(1; \{18, 9^3, 6^8, 2\})$	13436928
18	$\mathcal{O}(1; \{18, 9^6, 2^9\})$	9920232
18	$\mathcal{O}(1; \{18, 9^6, 3^3, 2^5\})$	79361856
18	$\mathcal{O}(1; \{18, 9^6, 3^6, 2\})$	634894848
18	$\mathcal{O}(1; \{18, 9^6, 6, 3, 2^6\})$	39680928
18	$\mathcal{O}(1; \{18, 9^6, 6, 3^4, 2^2\})$	317447424
18	$\mathcal{O}(1; \{18, 9^6, 6^2, 3^2, 2^3\})$	158723712
18	$\mathcal{O}(1; \{18, 9^6, 6^3, 2^4\})$	79361856
18	$\mathcal{O}(1; \{18, 9^6, 6^3, 3^3\})$	634894848
18	$\mathcal{O}(1; \{18, 9^6, 6^4, 3, 2\})$	317447424
18	$\mathcal{O}(1; \{18, 9^9, 3^2, 2\})$	8724135456
18	$\mathcal{O}(1; \{18, 9^9, 6, 2^2\})$	4362067728
18	$\mathcal{O}(1; \{18^2, 9, 2^{16}\})$	5832
18	$\mathcal{O}(1; \{18^2, 9, 3^3, 2^{12}\})$	46656
18	$\mathcal{O}(1; \{18^2, 9, 3^6, 2^8\})$	373248
18	$\mathcal{O}(1; \{18^2, 9, 3^9, 2^4\})$	2985984
18	$\mathcal{O}(1; \{18^2, 9, 3^{12}\})$	23887872
18	$\mathcal{O}(1; \{18^2, 9, 6, 3, 2^{13}\})$	23328
18	$\mathcal{O}(1; \{18^2, 9, 6, 3^4, 2^9\})$	186624
18	$\mathcal{O}(1; \{18^2, 9, 6, 3^7, 2^5\})$	1492992
18	$\mathcal{O}(1; \{18^2, 9, 6, 3^{10}, 2\})$	11943936
18	$\mathcal{O}(1; \{18^2, 9, 6^2, 3^2, 2^{10}\})$	93312
18	$\mathcal{O}(1; \{18^2, 9, 6^2, 3^5, 2^6\})$	746496
18	$\mathcal{O}(1; \{18^2, 9, 6^2, 3^8, 2^2\})$	5971968
18	$\mathcal{O}(1; \{18^2, 9, 6^3, 2^{11}\})$	46656
18	$\mathcal{O}(1; \{18^2, 9, 6^3, 3^3, 2^7\})$	373248
18	$\mathcal{O}(1; \{18^2, 9, 6^3, 3^6, 2^3\})$	2985984
18	$\mathcal{O}(1; \{18^2, 9, 6^4, 3, 2^8\})$	186624
18	$\mathcal{O}(1; \{18^2, 9, 6^4, 3^4, 2^4\})$	1492992
18	$\mathcal{O}(1; \{18^2, 9, 6^4, 3^7\})$	11943936
18	$\mathcal{O}(1; \{18^2, 9, 6^5, 3^2, 2^5\})$	746496
18	$\mathcal{O}(1; \{18^2, 9, 6^5, 3^5, 2\})$	5971968
18	$\mathcal{O}(1; \{18^2, 9, 6^6, 2^6\})$	373248
18	$\mathcal{O}(1; \{18^2, 9, 6^6, 3^3, 2^2\})$	2985984
18	$\mathcal{O}(1; \{18^2, 9, 6^7, 3, 2^3\})$	1492992
18	$\mathcal{O}(1; \{18^2, 9, 6^8, 3^2\})$	5971968

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18^2, 9, 6^9, 2\})$	2985984
18	$\mathcal{O}(1; \{18^2, 9^4, 3^2, 2^8\})$	6928416
18	$\mathcal{O}(1; \{18^2, 9^4, 3^5, 2^4\})$	55427328
18	$\mathcal{O}(1; \{18^2, 9^4, 3^8\})$	443418624
18	$\mathcal{O}(1; \{18^2, 9^4, 6, 2^9\})$	3464208
18	$\mathcal{O}(1; \{18^2, 9^4, 6, 3^3, 2^5\})$	27713664
18	$\mathcal{O}(1; \{18^2, 9^4, 6, 3^6, 2\})$	221709312
18	$\mathcal{O}(1; \{18^2, 9^4, 6^2, 3, 2^6\})$	13856832
18	$\mathcal{O}(1; \{18^2, 9^4, 6^2, 3^4, 2^2\})$	110854656
18	$\mathcal{O}(1; \{18^2, 9^4, 6^3, 3^2, 2^3\})$	55427328
18	$\mathcal{O}(1; \{18^2, 9^4, 6^4, 2^4\})$	27713664
18	$\mathcal{O}(1; \{18^2, 9^4, 6^4, 3^3\})$	221709312
18	$\mathcal{O}(1; \{18^2, 9^4, 6^5, 3, 2\})$	110854656
18	$\mathcal{O}(1; \{18^2, 9^7, 3, 2^4\})$	722759760
18	$\mathcal{O}(1; \{18^2, 9^7, 3^4\})$	5782078080
18	$\mathcal{O}(1; \{18^2, 9^7, 6, 3^2, 2\})$	2891039040
18	$\mathcal{O}(1; \{18^2, 9^7, 6^2, 2^2\})$	1445519520
18	$\mathcal{O}(1; \{18^2, 9^{10}\})$	78402427848
18	$\mathcal{O}(1; \{18^3, 9^2, 3, 2^{11}\})$	524880
18	$\mathcal{O}(1; \{18^3, 9^2, 3^4, 2^7\})$	4199040
18	$\mathcal{O}(1; \{18^3, 9^2, 3^7, 2^3\})$	33592320
18	$\mathcal{O}(1; \{18^3, 9^2, 6, 3^2, 2^8\})$	2099520
18	$\mathcal{O}(1; \{18^3, 9^2, 6, 3^5, 2^4\})$	16796160
18	$\mathcal{O}(1; \{18^3, 9^2, 6, 3^8\})$	134369280
18	$\mathcal{O}(1; \{18^3, 9^2, 6^2, 2^9\})$	1049760
18	$\mathcal{O}(1; \{18^3, 9^2, 6^2, 3^3, 2^5\})$	8398080
18	$\mathcal{O}(1; \{18^3, 9^2, 6^2, 3^6, 2\})$	67184640
18	$\mathcal{O}(1; \{18^3, 9^2, 6^3, 3, 2^6\})$	4199040
18	$\mathcal{O}(1; \{18^3, 9^2, 6^3, 3^4, 2^2\})$	33592320
18	$\mathcal{O}(1; \{18^3, 9^2, 6^4, 3^2, 2^3\})$	16796160
18	$\mathcal{O}(1; \{18^3, 9^2, 6^5, 2^4\})$	8398080
18	$\mathcal{O}(1; \{18^3, 9^2, 6^5, 3^3\})$	67184640
18	$\mathcal{O}(1; \{18^3, 9^2, 6^6, 3, 2\})$	33592320
18	$\mathcal{O}(1; \{18^3, 9^5, 2^7\})$	60938568
18	$\mathcal{O}(1; \{18^3, 9^5, 3^3, 2^3\})$	487508544
18	$\mathcal{O}(1; \{18^3, 9^5, 6, 3, 2^4\})$	243754272
18	$\mathcal{O}(1; \{18^3, 9^5, 6, 3^4\})$	1950034176
18	$\mathcal{O}(1; \{18^3, 9^5, 6^2, 3^2, 2\})$	975017088
18	$\mathcal{O}(1; \{18^3, 9^5, 6^3, 2^2\})$	487508544
18	$\mathcal{O}(1; \{18^3, 9^8, 6\})$	26095878864
18	$\mathcal{O}(1; \{18^4, 2^{14}\})$	52488
18	$\mathcal{O}(1; \{18^4, 3^3, 2^{10}\})$	419904
18	$\mathcal{O}(1; \{18^4, 3^6, 2^6\})$	3359232

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18^4, 3^9, 2^2\})$	26873856
18	$\mathcal{O}(1; \{18^4, 6, 3, 2^{11}\})$	209952
18	$\mathcal{O}(1; \{18^4, 6, 3^4, 2^7\})$	1679616
18	$\mathcal{O}(1; \{18^4, 6, 3^7, 2^3\})$	13436928
18	$\mathcal{O}(1; \{18^4, 6^2, 3^2, 2^8\})$	839808
18	$\mathcal{O}(1; \{18^4, 6^2, 3^5, 2^4\})$	6718464
18	$\mathcal{O}(1; \{18^4, 6^2, 3^8\})$	53747712
18	$\mathcal{O}(1; \{18^4, 6^3, 2^9\})$	419904
18	$\mathcal{O}(1; \{18^4, 6^3, 3^3, 2^5\})$	3359232
18	$\mathcal{O}(1; \{18^4, 6^3, 3^6, 2\})$	26873856
18	$\mathcal{O}(1; \{18^4, 6^4, 3, 2^6\})$	1679616
18	$\mathcal{O}(1; \{18^4, 6^4, 3^4, 2^2\})$	13436928
18	$\mathcal{O}(1; \{18^4, 6^5, 3^2, 2^3\})$	6718464
18	$\mathcal{O}(1; \{18^4, 6^6, 2^4\})$	3359232
18	$\mathcal{O}(1; \{18^4, 6^6, 3^3\})$	26873856
18	$\mathcal{O}(1; \{18^4, 6^7, 3, 2\})$	13436928
18	$\mathcal{O}(1; \{18^4, 9^3, 3^2, 2^6\})$	39680928
18	$\mathcal{O}(1; \{18^4, 9^3, 3^5, 2^2\})$	317447424
18	$\mathcal{O}(1; \{18^4, 9^3, 6, 2^7\})$	19840464
18	$\mathcal{O}(1; \{18^4, 9^3, 6, 3^3, 2^3\})$	158723712
18	$\mathcal{O}(1; \{18^4, 9^3, 6^2, 3, 2^4\})$	79361856
18	$\mathcal{O}(1; \{18^4, 9^3, 6^2, 3^4\})$	634894848
18	$\mathcal{O}(1; \{18^4, 9^3, 6^3, 3^2, 2\})$	317447424
18	$\mathcal{O}(1; \{18^4, 9^3, 6^4, 2^2\})$	158723712
18	$\mathcal{O}(1; \{18^4, 9^6, 3, 2^2\})$	4362067728
18	$\mathcal{O}(1; \{18^4, 9^6, 6^2\})$	8724135456
18	$\mathcal{O}(1; \{18^5, 9, 3, 2^9\})$	3464208
18	$\mathcal{O}(1; \{18^5, 9, 3^4, 2^5\})$	27713664
18	$\mathcal{O}(1; \{18^5, 9, 3^7, 2\})$	221709312
18	$\mathcal{O}(1; \{18^5, 9, 6, 3^2, 2^6\})$	13856832
18	$\mathcal{O}(1; \{18^5, 9, 6, 3^5, 2^2\})$	110854656
18	$\mathcal{O}(1; \{18^5, 9, 6^2, 2^7\})$	6928416
18	$\mathcal{O}(1; \{18^5, 9, 6^2, 3^3, 2^3\})$	55427328
18	$\mathcal{O}(1; \{18^5, 9, 6^3, 3, 2^4\})$	27713664
18	$\mathcal{O}(1; \{18^5, 9, 6^3, 3^4\})$	221709312
18	$\mathcal{O}(1; \{18^5, 9, 6^4, 3^2, 2\})$	110854656
18	$\mathcal{O}(1; \{18^5, 9, 6^5, 2^2\})$	55427328
18	$\mathcal{O}(1; \{18^5, 9^4, 2^5\})$	361379880
18	$\mathcal{O}(1; \{18^5, 9^4, 3^3, 2\})$	2891039040
18	$\mathcal{O}(1; \{18^5, 9^4, 6, 3, 2^2\})$	1445519520
18	$\mathcal{O}(1; \{18^5, 9^4, 6^3\})$	2891039040
18	$\mathcal{O}(1; \{18^6, 9^2, 3^2, 2^4\})$	243754272
18	$\mathcal{O}(1; \{18^6, 9^2, 3^5\})$	1950034176

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18^6, 9^2, 6, 2^5\})$	121877136
18	$\mathcal{O}(1; \{18^6, 9^2, 6, 3^3, 2\})$	975017088
18	$\mathcal{O}(1; \{18^6, 9^2, 6^2, 3, 2^2\})$	487508544
18	$\mathcal{O}(1; \{18^6, 9^2, 6^4\})$	975017088
18	$\mathcal{O}(1; \{18^6, 9^5, 3\})$	26095878864
18	$\mathcal{O}(1; \{18^7, 3, 2^7\})$	19840464
18	$\mathcal{O}(1; \{18^7, 3^4, 2^3\})$	158723712
18	$\mathcal{O}(1; \{18^7, 6, 3^2, 2^4\})$	79361856
18	$\mathcal{O}(1; \{18^7, 6, 3^5\})$	634894848
18	$\mathcal{O}(1; \{18^7, 6^2, 2^5\})$	39680928
18	$\mathcal{O}(1; \{18^7, 6^2, 3^3, 2\})$	317447424
18	$\mathcal{O}(1; \{18^7, 6^3, 3, 2^2\})$	158723712
18	$\mathcal{O}(1; \{18^7, 6^5\})$	317447424
18	$\mathcal{O}(1; \{18^7, 9^3, 2^3\})$	2181033864
18	$\mathcal{O}(1; \{18^7, 9^3, 6, 3\})$	8724135456
18	$\mathcal{O}(1; \{18^8, 9, 3^2, 2^2\})$	1445519520
18	$\mathcal{O}(1; \{18^8, 9, 6, 2^3\})$	722759760
18	$\mathcal{O}(1; \{18^8, 9, 6^2, 3\})$	2891039040
18	$\mathcal{O}(1; \{18^9, 9^2, 2\})$	13047939432
18	$\mathcal{O}(1; \{18^{10}, 3^2\})$	8724135456
18	$\mathcal{O}(1; \{18^{10}, 6, 2\})$	4362067728
18	$\mathcal{O}(0; \{9^2, 2^{22}\})$	6
18	$\mathcal{O}(0; \{9^2, 3^3, 2^{18}\})$	48
18	$\mathcal{O}(0; \{9^2, 3^6, 2^{14}\})$	384
18	$\mathcal{O}(0; \{9^2, 3^9, 2^{10}\})$	3072
18	$\mathcal{O}(0; \{9^2, 3^{12}, 2^6\})$	24576
18	$\mathcal{O}(0; \{9^2, 3^{15}, 2^2\})$	196608
18	$\mathcal{O}(0; \{9^2, 6, 3, 2^{19}\})$	24
18	$\mathcal{O}(0; \{9^2, 6, 3^4, 2^{15}\})$	192
18	$\mathcal{O}(0; \{9^2, 6, 3^7, 2^{11}\})$	1536
18	$\mathcal{O}(0; \{9^2, 6, 3^{10}, 2^7\})$	12288
18	$\mathcal{O}(0; \{9^2, 6, 3^{13}, 2^3\})$	98304
18	$\mathcal{O}(0; \{9^2, 6^2, 3^2, 2^{16}\})$	96
18	$\mathcal{O}(0; \{9^2, 6^2, 3^5, 2^{12}\})$	768
18	$\mathcal{O}(0; \{9^2, 6^2, 3^8, 2^8\})$	6144
18	$\mathcal{O}(0; \{9^2, 6^2, 3^{11}, 2^4\})$	49152
18	$\mathcal{O}(0; \{9^2, 6^2, 3^{14}\})$	393216
18	$\mathcal{O}(0; \{9^2, 6^3, 2^{17}\})$	48
18	$\mathcal{O}(0; \{9^2, 6^3, 3^3, 2^{13}\})$	384
18	$\mathcal{O}(0; \{9^2, 6^3, 3^6, 2^9\})$	3072
18	$\mathcal{O}(0; \{9^2, 6^3, 3^9, 2^5\})$	24576
18	$\mathcal{O}(0; \{9^2, 6^3, 3^{12}, 2\})$	196608
18	$\mathcal{O}(0; \{9^2, 6^4, 3, 2^{14}\})$	192

Continued on next page

Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{9^2, 6^4, 3^4, 2^{10}\})$	1536
18	$\mathcal{O}(0; \{9^2, 6^4, 3^7, 2^6\})$	12288
18	$\mathcal{O}(0; \{9^2, 6^4, 3^{10}, 2^2\})$	98304
18	$\mathcal{O}(0; \{9^2, 6^5, 3^2, 2^{11}\})$	768
18	$\mathcal{O}(0; \{9^2, 6^5, 3^5, 2^7\})$	6144
18	$\mathcal{O}(0; \{9^2, 6^5, 3^8, 2^3\})$	49152
18	$\mathcal{O}(0; \{9^2, 6^6, 2^{12}\})$	384
18	$\mathcal{O}(0; \{9^2, 6^6, 3^3, 2^8\})$	3072
18	$\mathcal{O}(0; \{9^2, 6^6, 3^6, 2^4\})$	24576
18	$\mathcal{O}(0; \{9^2, 6^6, 3^9\})$	196608
18	$\mathcal{O}(0; \{9^2, 6^7, 3, 2^9\})$	1536
18	$\mathcal{O}(0; \{9^2, 6^7, 3^4, 2^5\})$	12288
18	$\mathcal{O}(0; \{9^2, 6^7, 3^7, 2\})$	98304
18	$\mathcal{O}(0; \{9^2, 6^8, 3^2, 2^6\})$	6144
18	$\mathcal{O}(0; \{9^2, 6^8, 3^5, 2^2\})$	49152
18	$\mathcal{O}(0; \{9^2, 6^9, 2^7\})$	3072
18	$\mathcal{O}(0; \{9^2, 6^9, 3^3, 2^3\})$	24576
18	$\mathcal{O}(0; \{9^2, 6^{10}, 3, 2^4\})$	12288
18	$\mathcal{O}(0; \{9^2, 6^{10}, 3^4\})$	98304
18	$\mathcal{O}(0; \{9^2, 6^{11}, 3^2, 2\})$	49152
18	$\mathcal{O}(0; \{9^2, 6^{12}, 2^2\})$	24576
18	$\mathcal{O}(0; \{9^5, 3^2, 2^{14}\})$	3240
18	$\mathcal{O}(0; \{9^5, 3^5, 2^{10}\})$	25920
18	$\mathcal{O}(0; \{9^5, 3^8, 2^6\})$	207360
18	$\mathcal{O}(0; \{9^5, 3^{11}, 2^2\})$	1658880
18	$\mathcal{O}(0; \{9^5, 6, 2^{15}\})$	1620
18	$\mathcal{O}(0; \{9^5, 6, 3^3, 2^{11}\})$	12960
18	$\mathcal{O}(0; \{9^5, 6, 3^6, 2^7\})$	103680
18	$\mathcal{O}(0; \{9^5, 6, 3^9, 2^3\})$	829440
18	$\mathcal{O}(0; \{9^5, 6^2, 3, 2^{12}\})$	6480
18	$\mathcal{O}(0; \{9^5, 6^2, 3^4, 2^8\})$	51840
18	$\mathcal{O}(0; \{9^5, 6^2, 3^7, 2^4\})$	414720
18	$\mathcal{O}(0; \{9^5, 6^2, 3^{10}\})$	3317760
18	$\mathcal{O}(0; \{9^5, 6^3, 3^2, 2^9\})$	25920
18	$\mathcal{O}(0; \{9^5, 6^3, 3^5, 2^5\})$	207360
18	$\mathcal{O}(0; \{9^5, 6^3, 3^8, 2\})$	1658880
18	$\mathcal{O}(0; \{9^5, 6^4, 2^{10}\})$	12960
18	$\mathcal{O}(0; \{9^5, 6^4, 3^3, 2^6\})$	103680
18	$\mathcal{O}(0; \{9^5, 6^4, 3^6, 2^2\})$	829440
18	$\mathcal{O}(0; \{9^5, 6^5, 3, 2^7\})$	51840
18	$\mathcal{O}(0; \{9^5, 6^5, 3^4, 2^3\})$	414720
18	$\mathcal{O}(0; \{9^5, 6^6, 3^2, 2^4\})$	207360
18	$\mathcal{O}(0; \{9^5, 6^6, 3^5\})$	1658880

Continued on next page

Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{9^5, 6^7, 2^5\})$	103680
18	$\mathcal{O}(0; \{9^5, 6^7, 3^3, 2\})$	829440
18	$\mathcal{O}(0; \{9^5, 6^8, 3, 2^2\})$	414720
18	$\mathcal{O}(0; \{9^5, 6^{10}\})$	829440
18	$\mathcal{O}(0; \{9^8, 3, 2^{10}\})$	376164
18	$\mathcal{O}(0; \{9^8, 3^4, 2^6\})$	3009312
18	$\mathcal{O}(0; \{9^8, 3^7, 2^2\})$	24074496
18	$\mathcal{O}(0; \{9^8, 6, 3^2, 2^7\})$	1504656
18	$\mathcal{O}(0; \{9^8, 6, 3^5, 2^3\})$	12037248
18	$\mathcal{O}(0; \{9^8, 6^2, 2^8\})$	752328
18	$\mathcal{O}(0; \{9^8, 6^2, 3^3, 2^4\})$	6018624
18	$\mathcal{O}(0; \{9^8, 6^2, 3^6\})$	48148992
18	$\mathcal{O}(0; \{9^8, 6^3, 3, 2^5\})$	3009312
18	$\mathcal{O}(0; \{9^8, 6^3, 3^4, 2\})$	24074496
18	$\mathcal{O}(0; \{9^8, 6^4, 3^2, 2^2\})$	12037248
18	$\mathcal{O}(0; \{9^8, 6^5, 2^3\})$	6018624
18	$\mathcal{O}(0; \{9^8, 6^6, 3\})$	24074496
18	$\mathcal{O}(0; \{9^{11}, 2^6\})$	40271418
18	$\mathcal{O}(0; \{9^{11}, 3^3, 2^2\})$	322171344
18	$\mathcal{O}(0; \{9^{11}, 6, 3, 2^3\})$	161085672
18	$\mathcal{O}(0; \{9^{11}, 6^2, 3^2\})$	644342688
18	$\mathcal{O}(0; \{9^{11}, 6^3, 2\})$	322171344
18	$\mathcal{O}(0; \{18, 9^3, 3, 2^{17}\})$	324
18	$\mathcal{O}(0; \{18, 9^3, 3^4, 2^{13}\})$	2592
18	$\mathcal{O}(0; \{18, 9^3, 3^7, 2^9\})$	20736
18	$\mathcal{O}(0; \{18, 9^3, 3^{10}, 2^5\})$	165888
18	$\mathcal{O}(0; \{18, 9^3, 3^{13}, 2\})$	1327104
18	$\mathcal{O}(0; \{18, 9^3, 6, 3^2, 2^{14}\})$	1296
18	$\mathcal{O}(0; \{18, 9^3, 6, 3^5, 2^{10}\})$	10368
18	$\mathcal{O}(0; \{18, 9^3, 6, 3^8, 2^6\})$	82944
18	$\mathcal{O}(0; \{18, 9^3, 6, 3^{11}, 2^2\})$	663552
18	$\mathcal{O}(0; \{18, 9^3, 6^2, 2^{15}\})$	648
18	$\mathcal{O}(0; \{18, 9^3, 6^2, 3^3, 2^{11}\})$	5184
18	$\mathcal{O}(0; \{18, 9^3, 6^2, 3^6, 2^7\})$	41472
18	$\mathcal{O}(0; \{18, 9^3, 6^2, 3^9, 2^3\})$	331776
18	$\mathcal{O}(0; \{18, 9^3, 6^3, 3, 2^{12}\})$	2592
18	$\mathcal{O}(0; \{18, 9^3, 6^3, 3^4, 2^8\})$	20736
18	$\mathcal{O}(0; \{18, 9^3, 6^3, 3^7, 2^4\})$	165888
18	$\mathcal{O}(0; \{18, 9^3, 6^3, 3^{10}\})$	1327104
18	$\mathcal{O}(0; \{18, 9^3, 6^4, 3^2, 2^9\})$	10368
18	$\mathcal{O}(0; \{18, 9^3, 6^4, 3^5, 2^5\})$	82944
18	$\mathcal{O}(0; \{18, 9^3, 6^4, 3^8, 2\})$	663552
18	$\mathcal{O}(0; \{18, 9^3, 6^5, 2^{10}\})$	5184

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18, 9^3, 6^5, 3^3, 2^6\})$	41472
18	$\mathcal{O}(0; \{18, 9^3, 6^5, 3^6, 2^2\})$	331776
18	$\mathcal{O}(0; \{18, 9^3, 6^6, 3, 2^7\})$	20736
18	$\mathcal{O}(0; \{18, 9^3, 6^6, 3^4, 2^3\})$	165888
18	$\mathcal{O}(0; \{18, 9^3, 6^7, 3^2, 2^4\})$	82944
18	$\mathcal{O}(0; \{18, 9^3, 6^7, 3^5\})$	663552
18	$\mathcal{O}(0; \{18, 9^3, 6^8, 2^5\})$	41472
18	$\mathcal{O}(0; \{18, 9^3, 6^8, 3^3, 2\})$	331776
18	$\mathcal{O}(0; \{18, 9^3, 6^9, 3, 2^2\})$	165888
18	$\mathcal{O}(0; \{18, 9^3, 6^{11}\})$	331776
18	$\mathcal{O}(0; \{18, 9^6, 2^{13}\})$	30618
18	$\mathcal{O}(0; \{18, 9^6, 3^3, 2^9\})$	244944
18	$\mathcal{O}(0; \{18, 9^6, 3^6, 2^5\})$	1959552
18	$\mathcal{O}(0; \{18, 9^6, 3^9, 2\})$	15676416
18	$\mathcal{O}(0; \{18, 9^6, 6, 3, 2^{10}\})$	122472
18	$\mathcal{O}(0; \{18, 9^6, 6, 3^4, 2^6\})$	979776
18	$\mathcal{O}(0; \{18, 9^6, 6, 3^7, 2^2\})$	7838208
18	$\mathcal{O}(0; \{18, 9^6, 6^2, 3^2, 2^7\})$	489888
18	$\mathcal{O}(0; \{18, 9^6, 6^2, 3^5, 2^3\})$	3919104
18	$\mathcal{O}(0; \{18, 9^6, 6^3, 2^8\})$	244944
18	$\mathcal{O}(0; \{18, 9^6, 6^3, 3^3, 2^4\})$	1959552
18	$\mathcal{O}(0; \{18, 9^6, 6^3, 3^6\})$	15676416
18	$\mathcal{O}(0; \{18, 9^6, 6^4, 3, 2^5\})$	979776
18	$\mathcal{O}(0; \{18, 9^6, 6^4, 3^4, 2\})$	7838208
18	$\mathcal{O}(0; \{18, 9^6, 6^5, 3^2, 2^2\})$	3919104
18	$\mathcal{O}(0; \{18, 9^6, 6^6, 2^3\})$	1959552
18	$\mathcal{O}(0; \{18, 9^6, 6^7, 3\})$	7838208
18	$\mathcal{O}(0; \{18, 9^9, 3^2, 2^5\})$	26926344
18	$\mathcal{O}(0; \{18, 9^9, 3^5, 2\})$	215410752
18	$\mathcal{O}(0; \{18, 9^9, 6, 2^6\})$	13463172
18	$\mathcal{O}(0; \{18, 9^9, 6, 3^3, 2^2\})$	107705376
18	$\mathcal{O}(0; \{18, 9^9, 6^2, 3, 2^3\})$	53852688
18	$\mathcal{O}(0; \{18, 9^9, 6^3, 3^2\})$	215410752
18	$\mathcal{O}(0; \{18, 9^9, 6^4, 2\})$	107705376
18	$\mathcal{O}(0; \{18, 9^{12}, 3, 2\})$	2901667860
18	$\mathcal{O}(0; \{18^2, 9, 2^{20}\})$	18
18	$\mathcal{O}(0; \{18^2, 9, 3^3, 2^{16}\})$	144
18	$\mathcal{O}(0; \{18^2, 9, 3^6, 2^{12}\})$	1152
18	$\mathcal{O}(0; \{18^2, 9, 3^9, 2^8\})$	9216
18	$\mathcal{O}(0; \{18^2, 9, 3^{12}, 2^4\})$	73728
18	$\mathcal{O}(0; \{18^2, 9, 3^{15}\})$	589824
18	$\mathcal{O}(0; \{18^2, 9, 6, 3, 2^{17}\})$	72
18	$\mathcal{O}(0; \{18^2, 9, 6, 3^4, 2^{13}\})$	576

Continued on next page

Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^2, 9, 6, 3^7, 2^9\})$	4608
18	$\mathcal{O}(0; \{18^2, 9, 6, 3^{10}, 2^5\})$	36864
18	$\mathcal{O}(0; \{18^2, 9, 6, 3^{13}, 2\})$	294912
18	$\mathcal{O}(0; \{18^2, 9, 6^2, 3^2, 2^{14}\})$	288
18	$\mathcal{O}(0; \{18^2, 9, 6^2, 3^5, 2^{10}\})$	2304
18	$\mathcal{O}(0; \{18^2, 9, 6^2, 3^8, 2^6\})$	18432
18	$\mathcal{O}(0; \{18^2, 9, 6^2, 3^{11}, 2^2\})$	147456
18	$\mathcal{O}(0; \{18^2, 9, 6^3, 2^{15}\})$	144
18	$\mathcal{O}(0; \{18^2, 9, 6^3, 3^3, 2^{11}\})$	1152
18	$\mathcal{O}(0; \{18^2, 9, 6^3, 3^6, 2^7\})$	9216
18	$\mathcal{O}(0; \{18^2, 9, 6^3, 3^9, 2^3\})$	73728
18	$\mathcal{O}(0; \{18^2, 9, 6^4, 3, 2^{12}\})$	576
18	$\mathcal{O}(0; \{18^2, 9, 6^4, 3^4, 2^8\})$	4608
18	$\mathcal{O}(0; \{18^2, 9, 6^4, 3^7, 2^4\})$	36864
18	$\mathcal{O}(0; \{18^2, 9, 6^4, 3^{10}\})$	294912
18	$\mathcal{O}(0; \{18^2, 9, 6^5, 3^2, 2^9\})$	2304
18	$\mathcal{O}(0; \{18^2, 9, 6^5, 3^5, 2^5\})$	18432
18	$\mathcal{O}(0; \{18^2, 9, 6^5, 3^8, 2\})$	147456
18	$\mathcal{O}(0; \{18^2, 9, 6^6, 2^{10}\})$	1152
18	$\mathcal{O}(0; \{18^2, 9, 6^6, 3^3, 2^6\})$	9216
18	$\mathcal{O}(0; \{18^2, 9, 6^6, 3^6, 2^2\})$	73728
18	$\mathcal{O}(0; \{18^2, 9, 6^7, 3, 2^7\})$	4608
18	$\mathcal{O}(0; \{18^2, 9, 6^7, 3^4, 2^3\})$	36864
18	$\mathcal{O}(0; \{18^2, 9, 6^8, 3^2, 2^4\})$	18432
18	$\mathcal{O}(0; \{18^2, 9, 6^8, 3^5\})$	147456
18	$\mathcal{O}(0; \{18^2, 9, 6^9, 2^5\})$	9216
18	$\mathcal{O}(0; \{18^2, 9, 6^9, 3^3, 2\})$	73728
18	$\mathcal{O}(0; \{18^2, 9, 6^{10}, 3, 2^2\})$	36864
18	$\mathcal{O}(0; \{18^2, 9, 6^{12}\})$	73728
18	$\mathcal{O}(0; \{18^2, 9^4, 3^2, 2^{12}\})$	21384
18	$\mathcal{O}(0; \{18^2, 9^4, 3^5, 2^8\})$	171072
18	$\mathcal{O}(0; \{18^2, 9^4, 3^8, 2^4\})$	1368576
18	$\mathcal{O}(0; \{18^2, 9^4, 3^{11}\})$	10948608
18	$\mathcal{O}(0; \{18^2, 9^4, 6, 2^{13}\})$	10692
18	$\mathcal{O}(0; \{18^2, 9^4, 6, 3^3, 2^9\})$	85536
18	$\mathcal{O}(0; \{18^2, 9^4, 6, 3^6, 2^5\})$	684288
18	$\mathcal{O}(0; \{18^2, 9^4, 6, 3^9, 2\})$	5474304
18	$\mathcal{O}(0; \{18^2, 9^4, 6^2, 3, 2^{10}\})$	42768
18	$\mathcal{O}(0; \{18^2, 9^4, 6^2, 3^4, 2^6\})$	342144
18	$\mathcal{O}(0; \{18^2, 9^4, 6^2, 3^7, 2^2\})$	2737152
18	$\mathcal{O}(0; \{18^2, 9^4, 6^3, 3^2, 2^7\})$	171072
18	$\mathcal{O}(0; \{18^2, 9^4, 6^3, 3^5, 2^3\})$	1368576
18	$\mathcal{O}(0; \{18^2, 9^4, 6^4, 2^8\})$	85536

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^2, 9^4, 6^4, 3^3, 2^4\})$	684288
18	$\mathcal{O}(0; \{18^2, 9^4, 6^4, 3^6\})$	5474304
18	$\mathcal{O}(0; \{18^2, 9^4, 6^5, 3, 2^5\})$	342144
18	$\mathcal{O}(0; \{18^2, 9^4, 6^5, 3^4, 2\})$	2737152
18	$\mathcal{O}(0; \{18^2, 9^4, 6^6, 3^2, 2^2\})$	1368576
18	$\mathcal{O}(0; \{18^2, 9^4, 6^7, 2^3\})$	684288
18	$\mathcal{O}(0; \{18^2, 9^4, 6^8, 3\})$	2737152
18	$\mathcal{O}(0; \{18^2, 9^7, 3, 2^8\})$	2230740
18	$\mathcal{O}(0; \{18^2, 9^7, 3^4, 2^4\})$	17845920
18	$\mathcal{O}(0; \{18^2, 9^7, 3^7\})$	142767360
18	$\mathcal{O}(0; \{18^2, 9^7, 6, 3^2, 2^5\})$	8922960
18	$\mathcal{O}(0; \{18^2, 9^7, 6, 3^5, 2\})$	71383680
18	$\mathcal{O}(0; \{18^2, 9^7, 6^2, 2^6\})$	4461480
18	$\mathcal{O}(0; \{18^2, 9^7, 6^2, 3^3, 2^2\})$	35691840
18	$\mathcal{O}(0; \{18^2, 9^7, 6^3, 3, 2^3\})$	17845920
18	$\mathcal{O}(0; \{18^2, 9^7, 6^4, 3^2\})$	71383680
18	$\mathcal{O}(0; \{18^2, 9^7, 6^5, 2\})$	35691840
18	$\mathcal{O}(0; \{18^2, 9^{10}, 2^4\})$	241982802
18	$\mathcal{O}(0; \{18^2, 9^{10}, 3^3\})$	1935862416
18	$\mathcal{O}(0; \{18^2, 9^{10}, 6, 3, 2\})$	967931208
18	$\mathcal{O}(0; \{18^3, 9^2, 3, 2^{15}\})$	1620
18	$\mathcal{O}(0; \{18^3, 9^2, 3^4, 2^{11}\})$	12960
18	$\mathcal{O}(0; \{18^3, 9^2, 3^7, 2^7\})$	103680
18	$\mathcal{O}(0; \{18^3, 9^2, 3^{10}, 2^3\})$	829440
18	$\mathcal{O}(0; \{18^3, 9^2, 6, 3^2, 2^{12}\})$	6480
18	$\mathcal{O}(0; \{18^3, 9^2, 6, 3^5, 2^8\})$	51840
18	$\mathcal{O}(0; \{18^3, 9^2, 6, 3^8, 2^4\})$	414720
18	$\mathcal{O}(0; \{18^3, 9^2, 6, 3^{11}\})$	3317760
18	$\mathcal{O}(0; \{18^3, 9^2, 6^2, 2^{13}\})$	3240
18	$\mathcal{O}(0; \{18^3, 9^2, 6^2, 3^3, 2^9\})$	25920
18	$\mathcal{O}(0; \{18^3, 9^2, 6^2, 3^6, 2^5\})$	207360
18	$\mathcal{O}(0; \{18^3, 9^2, 6^2, 3^9, 2\})$	1658880
18	$\mathcal{O}(0; \{18^3, 9^2, 6^3, 3, 2^{10}\})$	12960
18	$\mathcal{O}(0; \{18^3, 9^2, 6^3, 3^4, 2^6\})$	103680
18	$\mathcal{O}(0; \{18^3, 9^2, 6^3, 3^7, 2^2\})$	829440
18	$\mathcal{O}(0; \{18^3, 9^2, 6^4, 3^2, 2^7\})$	51840
18	$\mathcal{O}(0; \{18^3, 9^2, 6^4, 3^5, 2^3\})$	414720
18	$\mathcal{O}(0; \{18^3, 9^2, 6^5, 2^8\})$	25920
18	$\mathcal{O}(0; \{18^3, 9^2, 6^5, 3^3, 2^4\})$	207360
18	$\mathcal{O}(0; \{18^3, 9^2, 6^5, 3^6\})$	1658880
18	$\mathcal{O}(0; \{18^3, 9^2, 6^6, 3, 2^5\})$	103680
18	$\mathcal{O}(0; \{18^3, 9^2, 6^6, 3^4, 2\})$	829440
18	$\mathcal{O}(0; \{18^3, 9^2, 6^7, 3^2, 2^2\})$	414720

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^3, 9^2, 6^8, 2^3\})$	207360
18	$\mathcal{O}(0; \{18^3, 9^2, 6^9, 3\})$	829440
18	$\mathcal{O}(0; \{18^3, 9^5, 2^{11}\})$	188082
18	$\mathcal{O}(0; \{18^3, 9^5, 3^3, 2^7\})$	1504656
18	$\mathcal{O}(0; \{18^3, 9^5, 3^6, 2^3\})$	12037248
18	$\mathcal{O}(0; \{18^3, 9^5, 6, 3, 2^8\})$	752328
18	$\mathcal{O}(0; \{18^3, 9^5, 6, 3^4, 2^4\})$	6018624
18	$\mathcal{O}(0; \{18^3, 9^5, 6, 3^7\})$	48148992
18	$\mathcal{O}(0; \{18^3, 9^5, 6^2, 3^2, 2^5\})$	3009312
18	$\mathcal{O}(0; \{18^3, 9^5, 6^2, 3^5, 2\})$	24074496
18	$\mathcal{O}(0; \{18^3, 9^5, 6^3, 2^6\})$	1504656
18	$\mathcal{O}(0; \{18^3, 9^5, 6^3, 3^3, 2^2\})$	12037248
18	$\mathcal{O}(0; \{18^3, 9^5, 6^4, 3, 2^3\})$	6018624
18	$\mathcal{O}(0; \{18^3, 9^5, 6^5, 3^2\})$	24074496
18	$\mathcal{O}(0; \{18^3, 9^5, 6^6, 2\})$	12037248
18	$\mathcal{O}(0; \{18^3, 9^8, 3^2, 2^3\})$	161085672
18	$\mathcal{O}(0; \{18^3, 9^8, 6, 2^4\})$	80542836
18	$\mathcal{O}(0; \{18^3, 9^8, 6, 3^3\})$	644342688
18	$\mathcal{O}(0; \{18^3, 9^8, 6^2, 3, 2\})$	322171344
18	$\mathcal{O}(0; \{18^4, 2^{18}\})$	162
18	$\mathcal{O}(0; \{18^4, 3^3, 2^{14}\})$	1296
18	$\mathcal{O}(0; \{18^4, 3^6, 2^{10}\})$	10368
18	$\mathcal{O}(0; \{18^4, 3^9, 2^6\})$	82944
18	$\mathcal{O}(0; \{18^4, 3^{12}, 2^2\})$	663552
18	$\mathcal{O}(0; \{18^4, 6, 3, 2^{15}\})$	648
18	$\mathcal{O}(0; \{18^4, 6, 3^4, 2^{11}\})$	5184
18	$\mathcal{O}(0; \{18^4, 6, 3^7, 2^7\})$	41472
18	$\mathcal{O}(0; \{18^4, 6, 3^{10}, 2^3\})$	331776
18	$\mathcal{O}(0; \{18^4, 6^2, 3^2, 2^{12}\})$	2592
18	$\mathcal{O}(0; \{18^4, 6^2, 3^5, 2^8\})$	20736
18	$\mathcal{O}(0; \{18^4, 6^2, 3^8, 2^4\})$	165888
18	$\mathcal{O}(0; \{18^4, 6^2, 3^{11}\})$	1327104
18	$\mathcal{O}(0; \{18^4, 6^3, 2^{13}\})$	1296
18	$\mathcal{O}(0; \{18^4, 6^3, 3^3, 2^9\})$	10368
18	$\mathcal{O}(0; \{18^4, 6^3, 3^6, 2^5\})$	82944
18	$\mathcal{O}(0; \{18^4, 6^3, 3^9, 2\})$	663552
18	$\mathcal{O}(0; \{18^4, 6^4, 3, 2^{10}\})$	5184
18	$\mathcal{O}(0; \{18^4, 6^4, 3^4, 2^6\})$	41472
18	$\mathcal{O}(0; \{18^4, 6^4, 3^7, 2^2\})$	331776
18	$\mathcal{O}(0; \{18^4, 6^5, 3^2, 2^7\})$	20736
18	$\mathcal{O}(0; \{18^4, 6^5, 3^5, 2^3\})$	165888
18	$\mathcal{O}(0; \{18^4, 6^6, 2^8\})$	10368
18	$\mathcal{O}(0; \{18^4, 6^6, 3^3, 2^4\})$	82944

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^4, 6^6, 3^6\})$	663552
18	$\mathcal{O}(0; \{18^4, 6^7, 3, 2^5\})$	41472
18	$\mathcal{O}(0; \{18^4, 6^7, 3^4, 2\})$	331776
18	$\mathcal{O}(0; \{18^4, 6^8, 3^2, 2^2\})$	165888
18	$\mathcal{O}(0; \{18^4, 6^9, 2^3\})$	82944
18	$\mathcal{O}(0; \{18^4, 6^{10}, 3\})$	331776
18	$\mathcal{O}(0; \{18^4, 9^3, 3^2, 2^{10}\})$	122472
18	$\mathcal{O}(0; \{18^4, 9^3, 3^5, 2^6\})$	979776
18	$\mathcal{O}(0; \{18^4, 9^3, 3^8, 2^2\})$	7838208
18	$\mathcal{O}(0; \{18^4, 9^3, 6, 2^{11}\})$	61236
18	$\mathcal{O}(0; \{18^4, 9^3, 6, 3^3, 2^7\})$	489888
18	$\mathcal{O}(0; \{18^4, 9^3, 6, 3^6, 2^3\})$	3919104
18	$\mathcal{O}(0; \{18^4, 9^3, 6^2, 3, 2^8\})$	244944
18	$\mathcal{O}(0; \{18^4, 9^3, 6^2, 3^4, 2^4\})$	1959552
18	$\mathcal{O}(0; \{18^4, 9^3, 6^2, 3^7\})$	15676416
18	$\mathcal{O}(0; \{18^4, 9^3, 6^3, 3^2, 2^5\})$	979776
18	$\mathcal{O}(0; \{18^4, 9^3, 6^3, 3^5, 2\})$	7838208
18	$\mathcal{O}(0; \{18^4, 9^3, 6^4, 2^6\})$	489888
18	$\mathcal{O}(0; \{18^4, 9^3, 6^4, 3^3, 2^2\})$	3919104
18	$\mathcal{O}(0; \{18^4, 9^3, 6^5, 3, 2^3\})$	1959552
18	$\mathcal{O}(0; \{18^4, 9^3, 6^6, 3^2\})$	7838208
18	$\mathcal{O}(0; \{18^4, 9^3, 6^7, 2\})$	3919104
18	$\mathcal{O}(0; \{18^4, 9^6, 3, 2^6\})$	13463172
18	$\mathcal{O}(0; \{18^4, 9^6, 3^4, 2^2\})$	107705376
18	$\mathcal{O}(0; \{18^4, 9^6, 6, 3^2, 2^3\})$	53852688
18	$\mathcal{O}(0; \{18^4, 9^6, 6^2, 2^4\})$	26926344
18	$\mathcal{O}(0; \{18^4, 9^6, 6^2, 3^3\})$	215410752
18	$\mathcal{O}(0; \{18^4, 9^6, 6^3, 3, 2\})$	107705376
18	$\mathcal{O}(0; \{18^4, 9^9, 2^2\})$	1450833930
18	$\mathcal{O}(0; \{18^5, 9, 3, 2^{13}\})$	10692
18	$\mathcal{O}(0; \{18^5, 9, 3^4, 2^9\})$	85536
18	$\mathcal{O}(0; \{18^5, 9, 3^7, 2^5\})$	684288
18	$\mathcal{O}(0; \{18^5, 9, 3^{10}, 2\})$	5474304
18	$\mathcal{O}(0; \{18^5, 9, 6, 3^2, 2^{10}\})$	42768
18	$\mathcal{O}(0; \{18^5, 9, 6, 3^5, 2^6\})$	342144
18	$\mathcal{O}(0; \{18^5, 9, 6, 3^8, 2^2\})$	2737152
18	$\mathcal{O}(0; \{18^5, 9, 6^2, 2^{11}\})$	21384
18	$\mathcal{O}(0; \{18^5, 9, 6^2, 3^3, 2^7\})$	171072
18	$\mathcal{O}(0; \{18^5, 9, 6^2, 3^6, 2^3\})$	1368576
18	$\mathcal{O}(0; \{18^5, 9, 6^3, 3, 2^8\})$	85536
18	$\mathcal{O}(0; \{18^5, 9, 6^3, 3^4, 2^4\})$	684288
18	$\mathcal{O}(0; \{18^5, 9, 6^3, 3^7\})$	5474304
18	$\mathcal{O}(0; \{18^5, 9, 6^4, 3^2, 2^5\})$	342144

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^5, 9, 6^4, 3^5, 2\})$	2737152
18	$\mathcal{O}(0; \{18^5, 9, 6^5, 2^6\})$	171072
18	$\mathcal{O}(0; \{18^5, 9, 6^5, 3^3, 2^2\})$	1368576
18	$\mathcal{O}(0; \{18^5, 9, 6^6, 3, 2^3\})$	684288
18	$\mathcal{O}(0; \{18^5, 9, 6^7, 3^2\})$	2737152
18	$\mathcal{O}(0; \{18^5, 9, 6^8, 2\})$	1368576
18	$\mathcal{O}(0; \{18^5, 9^4, 2^9\})$	1115370
18	$\mathcal{O}(0; \{18^5, 9^4, 3^3, 2^5\})$	8922960
18	$\mathcal{O}(0; \{18^5, 9^4, 3^6, 2\})$	71383680
18	$\mathcal{O}(0; \{18^5, 9^4, 6, 3, 2^6\})$	4461480
18	$\mathcal{O}(0; \{18^5, 9^4, 6, 3^4, 2^2\})$	35691840
18	$\mathcal{O}(0; \{18^5, 9^4, 6^2, 3^2, 2^3\})$	17845920
18	$\mathcal{O}(0; \{18^5, 9^4, 6^3, 2^4\})$	8922960
18	$\mathcal{O}(0; \{18^5, 9^4, 6^3, 3^3\})$	71383680
18	$\mathcal{O}(0; \{18^5, 9^4, 6^4, 3, 2\})$	35691840
18	$\mathcal{O}(0; \{18^5, 9^7, 3^2, 2\})$	967931208
18	$\mathcal{O}(0; \{18^5, 9^7, 6, 2^2\})$	483965604
18	$\mathcal{O}(0; \{18^6, 9^2, 3^2, 2^8\})$	752328
18	$\mathcal{O}(0; \{18^6, 9^2, 3^5, 2^4\})$	6018624
18	$\mathcal{O}(0; \{18^6, 9^2, 3^8\})$	48148992
18	$\mathcal{O}(0; \{18^6, 9^2, 6, 2^9\})$	376164
18	$\mathcal{O}(0; \{18^6, 9^2, 6, 3^3, 2^5\})$	3009312
18	$\mathcal{O}(0; \{18^6, 9^2, 6, 3^6, 2\})$	24074496
18	$\mathcal{O}(0; \{18^6, 9^2, 6^2, 3, 2^6\})$	1504656
18	$\mathcal{O}(0; \{18^6, 9^2, 6^2, 3^4, 2^2\})$	12037248
18	$\mathcal{O}(0; \{18^6, 9^2, 6^3, 3^2, 2^3\})$	6018624
18	$\mathcal{O}(0; \{18^6, 9^2, 6^4, 2^4\})$	3009312
18	$\mathcal{O}(0; \{18^6, 9^2, 6^4, 3^3\})$	24074496
18	$\mathcal{O}(0; \{18^6, 9^2, 6^5, 3, 2\})$	12037248
18	$\mathcal{O}(0; \{18^6, 9^5, 3, 2^4\})$	80542836
18	$\mathcal{O}(0; \{18^6, 9^5, 3^4\})$	644342688
18	$\mathcal{O}(0; \{18^6, 9^5, 6, 3^2, 2\})$	322171344
18	$\mathcal{O}(0; \{18^6, 9^5, 6^2, 2^2\})$	161085672
18	$\mathcal{O}(0; \{18^6, 9^8\})$	8708192226
18	$\mathcal{O}(0; \{18^7, 3, 2^{11}\})$	61236
18	$\mathcal{O}(0; \{18^7, 3^4, 2^7\})$	489888
18	$\mathcal{O}(0; \{18^7, 3^7, 2^3\})$	3919104
18	$\mathcal{O}(0; \{18^7, 6, 3^2, 2^8\})$	244944
18	$\mathcal{O}(0; \{18^7, 6, 3^5, 2^4\})$	1959552
18	$\mathcal{O}(0; \{18^7, 6, 3^8\})$	15676416
18	$\mathcal{O}(0; \{18^7, 6^2, 2^9\})$	122472
18	$\mathcal{O}(0; \{18^7, 6^2, 3^3, 2^5\})$	979776
18	$\mathcal{O}(0; \{18^7, 6^2, 3^6, 2\})$	7838208

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^7, 6^3, 3, 2^6\})$	489888
18	$\mathcal{O}(0; \{18^7, 6^3, 3^4, 2^2\})$	3919104
18	$\mathcal{O}(0; \{18^7, 6^4, 3^2, 2^3\})$	1959552
18	$\mathcal{O}(0; \{18^7, 6^5, 2^4\})$	979776
18	$\mathcal{O}(0; \{18^7, 6^5, 3^3\})$	7838208
18	$\mathcal{O}(0; \{18^7, 6^6, 3, 2\})$	3919104
18	$\mathcal{O}(0; \{18^7, 9^3, 2^7\})$	6731586
18	$\mathcal{O}(0; \{18^7, 9^3, 3^3, 2^3\})$	53852688
18	$\mathcal{O}(0; \{18^7, 9^3, 6, 3, 2^4\})$	26926344
18	$\mathcal{O}(0; \{18^7, 9^3, 6, 3^4\})$	215410752
18	$\mathcal{O}(0; \{18^7, 9^3, 6^2, 3^2, 2\})$	107705376
18	$\mathcal{O}(0; \{18^7, 9^3, 6^3, 2^2\})$	53852688
18	$\mathcal{O}(0; \{18^7, 9^6, 6\})$	2901667860
18	$\mathcal{O}(0; \{18^8, 9, 3^2, 2^6\})$	4461480
18	$\mathcal{O}(0; \{18^8, 9, 3^5, 2^2\})$	35691840
18	$\mathcal{O}(0; \{18^8, 9, 6, 2^7\})$	2230740
18	$\mathcal{O}(0; \{18^8, 9, 6, 3^3, 2^3\})$	17845920
18	$\mathcal{O}(0; \{18^8, 9, 6^2, 3, 2^4\})$	8922960
18	$\mathcal{O}(0; \{18^8, 9, 6^2, 3^4\})$	71383680
18	$\mathcal{O}(0; \{18^8, 9, 6^3, 3^2, 2\})$	35691840
18	$\mathcal{O}(0; \{18^8, 9, 6^4, 2^2\})$	17845920
18	$\mathcal{O}(0; \{18^8, 9^4, 3, 2^2\})$	483965604
18	$\mathcal{O}(0; \{18^8, 9^4, 6^2\})$	967931208
18	$\mathcal{O}(0; \{18^9, 9^2, 2^5\})$	40271418
18	$\mathcal{O}(0; \{18^9, 9^2, 3^3, 2\})$	322171344
18	$\mathcal{O}(0; \{18^9, 9^2, 6, 3, 2^2\})$	161085672
18	$\mathcal{O}(0; \{18^9, 9^2, 6^3\})$	322171344
18	$\mathcal{O}(0; \{18^{10}, 3^2, 2^4\})$	26926344
18	$\mathcal{O}(0; \{18^{10}, 3^5\})$	215410752
18	$\mathcal{O}(0; \{18^{10}, 6, 2^5\})$	13463172
18	$\mathcal{O}(0; \{18^{10}, 6, 3^3, 2\})$	107705376
18	$\mathcal{O}(0; \{18^{10}, 6^2, 3, 2^2\})$	53852688
18	$\mathcal{O}(0; \{18^{10}, 6^4\})$	107705376
18	$\mathcal{O}(0; \{18^{10}, 9^3, 3\})$	2901667860
18	$\mathcal{O}(0; \{18^{11}, 9, 2^3\})$	241982802
18	$\mathcal{O}(0; \{18^{11}, 9, 6, 3\})$	967931208
18	$\mathcal{O}(0; \{18^{13}, 2\})$	1450833930
20	$\mathcal{O}(4; \{10, 5, 4^2, 2\})$	204800000000
20	$\mathcal{O}(4; \{20^2, 5, 2^2\})$	614400000000
20	$\mathcal{O}(4; \{20^2, 10^2\})$	2662400000000
20	$\mathcal{O}(3; \{5^4, 4^2, 2^2\})$	6656000000
20	$\mathcal{O}(3; \{10, 5, 4^2, 2^5\})$	512000000
20	$\mathcal{O}(3; \{10, 5, 4^4, 2^2\})$	2048000000

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(3; \{10^2, 5^3, 4^2\})$	26112000000
20	$\mathcal{O}(3; \{10^3, 4^2, 2^3\})$	1536000000
20	$\mathcal{O}(3; \{10^3, 4^4\})$	6144000000
20	$\mathcal{O}(3; \{20, 5^5, 4\})$	104960000000
20	$\mathcal{O}(3; \{20, 10, 5^2, 4, 2^3\})$	6656000000
20	$\mathcal{O}(3; \{20, 10, 5^2, 4^3\})$	26624000000
20	$\mathcal{O}(3; \{20, 10^3, 5, 4, 2\})$	26112000000
20	$\mathcal{O}(3; \{20^2, 5, 2^6\})$	1536000000
20	$\mathcal{O}(3; \{20^2, 5, 4^2, 2^3\})$	6144000000
20	$\mathcal{O}(3; \{20^2, 5, 4^4\})$	24576000000
20	$\mathcal{O}(3; \{20^2, 10, 5^3, 2\})$	104960000000
20	$\mathcal{O}(3; \{20^2, 10^2, 2^4\})$	6656000000
20	$\mathcal{O}(3; \{20^2, 10^2, 4^2, 2\})$	26624000000
20	$\mathcal{O}(3; \{20^3, 5^2, 4, 2\})$	104448000000
20	$\mathcal{O}(3; \{20^4, 10, 2^2\})$	104448000000
20	$\mathcal{O}(3; \{20^6\})$	1679360000000
20	$\mathcal{O}(2; \{5^4, 4^2, 2^6\})$	16640000
20	$\mathcal{O}(2; \{5^4, 4^4, 2^3\})$	66560000
20	$\mathcal{O}(2; \{5^4, 4^6\})$	266240000
20	$\mathcal{O}(2; \{10, 5, 4^2, 2^9\})$	1280000
20	$\mathcal{O}(2; \{10, 5, 4^4, 2^6\})$	5120000
20	$\mathcal{O}(2; \{10, 5, 4^6, 2^3\})$	20480000
20	$\mathcal{O}(2; \{10, 5, 4^8\})$	81920000
20	$\mathcal{O}(2; \{10, 5^6, 4^2, 2\})$	1048320000
20	$\mathcal{O}(2; \{10^2, 5^3, 4^2, 2^4\})$	65280000
20	$\mathcal{O}(2; \{10^2, 5^3, 4^4, 2\})$	261120000
20	$\mathcal{O}(2; \{10^3, 4^2, 2^7\})$	3840000
20	$\mathcal{O}(2; \{10^3, 4^4, 2^4\})$	15360000
20	$\mathcal{O}(2; \{10^3, 4^6, 2\})$	61440000
20	$\mathcal{O}(2; \{10^4, 5^2, 4^2, 2^2\})$	262400000
20	$\mathcal{O}(2; \{10^6, 5, 4^2\})$	1048320000
20	$\mathcal{O}(2; \{20, 5^5, 4, 2^4\})$	262400000
20	$\mathcal{O}(2; \{20, 5^5, 4^3, 2\})$	1049600000
20	$\mathcal{O}(2; \{20, 10, 5^2, 4, 2^7\})$	16640000
20	$\mathcal{O}(2; \{20, 10, 5^2, 4^3, 2^4\})$	66560000
20	$\mathcal{O}(2; \{20, 10, 5^2, 4^5, 2\})$	266240000
20	$\mathcal{O}(2; \{20, 10^2, 5^4, 4, 2^2\})$	1048320000
20	$\mathcal{O}(2; \{20, 10^3, 5, 4, 2^5\})$	65280000
20	$\mathcal{O}(2; \{20, 10^3, 5, 4^3, 2^2\})$	261120000
20	$\mathcal{O}(2; \{20, 10^4, 5^3, 4\})$	4194560000
20	$\mathcal{O}(2; \{20, 10^5, 4, 2^3\})$	262400000
20	$\mathcal{O}(2; \{20, 10^5, 4^3\})$	1049600000
20	$\mathcal{O}(2; \{20^2, 5, 2^{10}\})$	3840000

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(2; \{20^2, 5, 4^2, 2^7\})$	15360000
20	$\mathcal{O}(2; \{20^2, 5, 4^4, 2^4\})$	61440000
20	$\mathcal{O}(2; \{20^2, 5, 4^6, 2\})$	245760000
20	$\mathcal{O}(2; \{20^2, 5^6, 2^2\})$	4194560000
20	$\mathcal{O}(2; \{20^2, 10, 5^3, 2^5\})$	262400000
20	$\mathcal{O}(2; \{20^2, 10, 5^3, 4^2, 2^2\})$	1049600000
20	$\mathcal{O}(2; \{20^2, 10^2, 2^8\})$	16640000
20	$\mathcal{O}(2; \{20^2, 10^2, 4^2, 2^5\})$	66560000
20	$\mathcal{O}(2; \{20^2, 10^2, 4^4, 2^2\})$	266240000
20	$\mathcal{O}(2; \{20^2, 10^2, 5^5\})$	16776960000
20	$\mathcal{O}(2; \{20^2, 10^3, 5^2, 2^3\})$	1048320000
20	$\mathcal{O}(2; \{20^2, 10^3, 5^2, 4^2\})$	4193280000
20	$\mathcal{O}(2; \{20^2, 10^5, 5, 2\})$	4194560000
20	$\mathcal{O}(2; \{20^3, 5^2, 4, 2^5\})$	261120000
20	$\mathcal{O}(2; \{20^3, 5^2, 4^3, 2^2\})$	1044480000
20	$\mathcal{O}(2; \{20^3, 10, 5^4, 4\})$	16778240000
20	$\mathcal{O}(2; \{20^3, 10^2, 5, 4, 2^3\})$	1049600000
20	$\mathcal{O}(2; \{20^3, 10^2, 5, 4^3\})$	4198400000
20	$\mathcal{O}(2; \{20^3, 10^4, 4, 2\})$	4193280000
20	$\mathcal{O}(2; \{20^4, 5^3, 2^3\})$	4193280000
20	$\mathcal{O}(2; \{20^4, 5^3, 4^2\})$	16773120000
20	$\mathcal{O}(2; \{20^4, 10, 2^6\})$	261120000
20	$\mathcal{O}(2; \{20^4, 10, 4^2, 2^3\})$	1044480000
20	$\mathcal{O}(2; \{20^4, 10, 4^4\})$	4177920000
20	$\mathcal{O}(2; \{20^4, 10^2, 5^2, 2\})$	16778240000
20	$\mathcal{O}(2; \{20^5, 10, 5, 4, 2\})$	16773120000
20	$\mathcal{O}(2; \{20^6, 2^4\})$	4198400000
20	$\mathcal{O}(2; \{20^6, 4^2, 2\})$	16793600000
20	$\mathcal{O}(1; \{5^4, 4^2, 2^{10}\})$	41600
20	$\mathcal{O}(1; \{5^4, 4^4, 2^7\})$	166400
20	$\mathcal{O}(1; \{5^4, 4^6, 2^4\})$	665600
20	$\mathcal{O}(1; \{5^4, 4^8, 2\})$	2662400
20	$\mathcal{O}(1; \{5^9, 4^2, 2^2\})$	41942400
20	$\mathcal{O}(1; \{10, 5, 4^2, 2^{13}\})$	3200
20	$\mathcal{O}(1; \{10, 5, 4^4, 2^{10}\})$	12800
20	$\mathcal{O}(1; \{10, 5, 4^6, 2^7\})$	51200
20	$\mathcal{O}(1; \{10, 5, 4^8, 2^4\})$	204800
20	$\mathcal{O}(1; \{10, 5, 4^{10}, 2\})$	819200
20	$\mathcal{O}(1; \{10, 5^6, 4^2, 2^5\})$	2620800
20	$\mathcal{O}(1; \{10, 5^6, 4^4, 2^2\})$	10483200
20	$\mathcal{O}(1; \{10^2, 5^3, 4^2, 2^8\})$	163200
20	$\mathcal{O}(1; \{10^2, 5^3, 4^4, 2^5\})$	652800
20	$\mathcal{O}(1; \{10^2, 5^3, 4^6, 2^2\})$	2611200

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{10^2, 5^8, 4^2\})$	167772800
20	$\mathcal{O}(1; \{10^3, 4^2, 2^{11}\})$	9600
20	$\mathcal{O}(1; \{10^3, 4^4, 2^8\})$	38400
20	$\mathcal{O}(1; \{10^3, 4^6, 2^5\})$	153600
20	$\mathcal{O}(1; \{10^3, 4^8, 2^2\})$	614400
20	$\mathcal{O}(1; \{10^3, 5^5, 4^2, 2^3\})$	10486400
20	$\mathcal{O}(1; \{10^3, 5^5, 4^4\})$	41945600
20	$\mathcal{O}(1; \{10^4, 5^2, 4^2, 2^6\})$	656000
20	$\mathcal{O}(1; \{10^4, 5^2, 4^4, 2^3\})$	2624000
20	$\mathcal{O}(1; \{10^4, 5^2, 4^6\})$	10496000
20	$\mathcal{O}(1; \{10^5, 5^4, 4^2, 2\})$	41942400
20	$\mathcal{O}(1; \{10^6, 5, 4^2, 2^4\})$	2620800
20	$\mathcal{O}(1; \{10^6, 5, 4^4, 2\})$	10483200
20	$\mathcal{O}(1; \{10^8, 4^2, 2^2\})$	10486400
20	$\mathcal{O}(1; \{20, 5^5, 4, 2^8\})$	656000
20	$\mathcal{O}(1; \{20, 5^5, 4^3, 2^5\})$	2624000
20	$\mathcal{O}(1; \{20, 5^5, 4^5, 2^2\})$	10496000
20	$\mathcal{O}(1; \{20, 5^{10}, 4\})$	671088000
20	$\mathcal{O}(1; \{20, 10, 5^2, 4, 2^{11}\})$	41600
20	$\mathcal{O}(1; \{20, 10, 5^2, 4^3, 2^8\})$	166400
20	$\mathcal{O}(1; \{20, 10, 5^2, 4^5, 2^5\})$	665600
20	$\mathcal{O}(1; \{20, 10, 5^2, 4^7, 2^2\})$	2662400
20	$\mathcal{O}(1; \{20, 10, 5^7, 4, 2^3\})$	41942400
20	$\mathcal{O}(1; \{20, 10, 5^7, 4^3\})$	167769600
20	$\mathcal{O}(1; \{20, 10^2, 5^4, 4, 2^6\})$	2620800
20	$\mathcal{O}(1; \{20, 10^2, 5^4, 4^3, 2^3\})$	10483200
20	$\mathcal{O}(1; \{20, 10^2, 5^4, 4^5\})$	41932800
20	$\mathcal{O}(1; \{20, 10^3, 5, 4, 2^9\})$	163200
20	$\mathcal{O}(1; \{20, 10^3, 5, 4^3, 2^6\})$	652800
20	$\mathcal{O}(1; \{20, 10^3, 5, 4^5, 2^3\})$	2611200
20	$\mathcal{O}(1; \{20, 10^3, 5, 4^7\})$	10444800
20	$\mathcal{O}(1; \{20, 10^3, 5^6, 4, 2\})$	167772800
20	$\mathcal{O}(1; \{20, 10^4, 5^3, 4, 2^4\})$	10486400
20	$\mathcal{O}(1; \{20, 10^4, 5^3, 4^3, 2\})$	41945600
20	$\mathcal{O}(1; \{20, 10^5, 4, 2^7\})$	656000
20	$\mathcal{O}(1; \{20, 10^5, 4^3, 2^4\})$	2624000
20	$\mathcal{O}(1; \{20, 10^5, 4^5, 2\})$	10496000
20	$\mathcal{O}(1; \{20, 10^6, 5^2, 4, 2^2\})$	41942400
20	$\mathcal{O}(1; \{20, 10^8, 5, 4\})$	167772800
20	$\mathcal{O}(1; \{20^2, 5, 2^{14}\})$	9600
20	$\mathcal{O}(1; \{20^2, 5, 4^2, 2^{11}\})$	38400
20	$\mathcal{O}(1; \{20^2, 5, 4^4, 2^8\})$	153600
20	$\mathcal{O}(1; \{20^2, 5, 4^6, 2^5\})$	614400

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{20^2, 5, 4^8, 2^2\})$	2457600
20	$\mathcal{O}(1; \{20^2, 5^6, 2^6\})$	10486400
20	$\mathcal{O}(1; \{20^2, 5^6, 4^2, 2^3\})$	41945600
20	$\mathcal{O}(1; \{20^2, 5^6, 4^4\})$	167782400
20	$\mathcal{O}(1; \{20^2, 10, 5^3, 2^9\})$	656000
20	$\mathcal{O}(1; \{20^2, 10, 5^3, 4^2, 2^6\})$	2624000
20	$\mathcal{O}(1; \{20^2, 10, 5^3, 4^4, 2^3\})$	10496000
20	$\mathcal{O}(1; \{20^2, 10, 5^3, 4^6\})$	41984000
20	$\mathcal{O}(1; \{20^2, 10, 5^8, 2\})$	671088000
20	$\mathcal{O}(1; \{20^2, 10^2, 2^{12}\})$	41600
20	$\mathcal{O}(1; \{20^2, 10^2, 4^2, 2^9\})$	166400
20	$\mathcal{O}(1; \{20^2, 10^2, 4^4, 2^6\})$	665600
20	$\mathcal{O}(1; \{20^2, 10^2, 4^6, 2^3\})$	2662400
20	$\mathcal{O}(1; \{20^2, 10^2, 4^8\})$	10649600
20	$\mathcal{O}(1; \{20^2, 10^2, 5^5, 2^4\})$	41942400
20	$\mathcal{O}(1; \{20^2, 10^2, 5^5, 4^2, 2\})$	167769600
20	$\mathcal{O}(1; \{20^2, 10^3, 5^2, 2^7\})$	2620800
20	$\mathcal{O}(1; \{20^2, 10^3, 5^2, 4^2, 2^4\})$	10483200
20	$\mathcal{O}(1; \{20^2, 10^3, 5^2, 4^4, 2\})$	41932800
20	$\mathcal{O}(1; \{20^2, 10^4, 5^4, 2^2\})$	167772800
20	$\mathcal{O}(1; \{20^2, 10^5, 5, 2^5\})$	10486400
20	$\mathcal{O}(1; \{20^2, 10^5, 5, 4^2, 2^2\})$	41945600
20	$\mathcal{O}(1; \{20^2, 10^6, 5^3\})$	671088000
20	$\mathcal{O}(1; \{20^2, 10^7, 2^3\})$	41942400
20	$\mathcal{O}(1; \{20^2, 10^7, 4^2\})$	167769600
20	$\mathcal{O}(1; \{20^3, 5^2, 4, 2^9\})$	652800
20	$\mathcal{O}(1; \{20^3, 5^2, 4^3, 2^6\})$	2611200
20	$\mathcal{O}(1; \{20^3, 5^2, 4^5, 2^3\})$	10444800
20	$\mathcal{O}(1; \{20^3, 5^2, 4^7\})$	41779200
20	$\mathcal{O}(1; \{20^3, 5^7, 4, 2\})$	671091200
20	$\mathcal{O}(1; \{20^3, 10, 5^4, 4, 2^4\})$	41945600
20	$\mathcal{O}(1; \{20^3, 10, 5^4, 4^3, 2\})$	167782400
20	$\mathcal{O}(1; \{20^3, 10^2, 5, 4, 2^7\})$	2624000
20	$\mathcal{O}(1; \{20^3, 10^2, 5, 4^3, 2^4\})$	10496000
20	$\mathcal{O}(1; \{20^3, 10^2, 5, 4^5, 2\})$	41984000
20	$\mathcal{O}(1; \{20^3, 10^3, 5^3, 4, 2^2\})$	167769600
20	$\mathcal{O}(1; \{20^3, 10^4, 4, 2^5\})$	10483200
20	$\mathcal{O}(1; \{20^3, 10^4, 4^3, 2^2\})$	41932800
20	$\mathcal{O}(1; \{20^3, 10^5, 5^2, 4\})$	671091200
20	$\mathcal{O}(1; \{20^4, 5^3, 2^7\})$	10483200
20	$\mathcal{O}(1; \{20^4, 5^3, 4^2, 2^4\})$	41932800
20	$\mathcal{O}(1; \{20^4, 5^3, 4^4, 2\})$	167731200
20	$\mathcal{O}(1; \{20^4, 10, 2^{10}\})$	652800

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{20^4, 10, 4^2, 2^7\})$	2611200
20	$\mathcal{O}(1; \{20^4, 10, 4^4, 2^4\})$	10444800
20	$\mathcal{O}(1; \{20^4, 10, 4^6, 2\})$	41779200
20	$\mathcal{O}(1; \{20^4, 10, 5^5, 2^2\})$	671091200
20	$\mathcal{O}(1; \{20^4, 10^2, 5^2, 2^5\})$	41945600
20	$\mathcal{O}(1; \{20^4, 10^2, 5^2, 4^2, 2^2\})$	167782400
20	$\mathcal{O}(1; \{20^4, 10^3, 5^4\})$	2684352000
20	$\mathcal{O}(1; \{20^4, 10^4, 5, 2^3\})$	167769600
20	$\mathcal{O}(1; \{20^4, 10^4, 5, 4^2\})$	671078400
20	$\mathcal{O}(1; \{20^4, 10^6, 2\})$	671091200
20	$\mathcal{O}(1; \{20^5, 5^4, 4, 2^2\})$	671078400
20	$\mathcal{O}(1; \{20^5, 10, 5, 4, 2^5\})$	41932800
20	$\mathcal{O}(1; \{20^5, 10, 5, 4^3, 2^2\})$	167731200
20	$\mathcal{O}(1; \{20^5, 10^2, 5^3, 4\})$	2684364800
20	$\mathcal{O}(1; \{20^5, 10^3, 4, 2^3\})$	167782400
20	$\mathcal{O}(1; \{20^5, 10^3, 4^3\})$	671129600
20	$\mathcal{O}(1; \{20^6, 2^8\})$	10496000
20	$\mathcal{O}(1; \{20^6, 4^2, 2^5\})$	41984000
20	$\mathcal{O}(1; \{20^6, 4^4, 2^2\})$	167936000
20	$\mathcal{O}(1; \{20^6, 5^5\})$	10737408000
20	$\mathcal{O}(1; \{20^6, 10, 5^2, 2^3\})$	671078400
20	$\mathcal{O}(1; \{20^6, 10, 5^2, 4^2\})$	2684313600
20	$\mathcal{O}(1; \{20^6, 10^3, 5, 2\})$	2684364800
20	$\mathcal{O}(1; \{20^7, 5, 4, 2^3\})$	671129600
20	$\mathcal{O}(1; \{20^7, 5, 4^3\})$	2684518400
20	$\mathcal{O}(1; \{20^7, 10^2, 4, 2\})$	2684313600
20	$\mathcal{O}(1; \{20^8, 5^2, 2\})$	10737459200
20	$\mathcal{O}(0; \{5^4, 4^2, 2^{14}\})$	104
20	$\mathcal{O}(0; \{5^4, 4^4, 2^{11}\})$	416
20	$\mathcal{O}(0; \{5^4, 4^6, 2^8\})$	1664
20	$\mathcal{O}(0; \{5^4, 4^8, 2^5\})$	6656
20	$\mathcal{O}(0; \{5^4, 4^{10}, 2^2\})$	26624
20	$\mathcal{O}(0; \{5^9, 4^2, 2^6\})$	104856
20	$\mathcal{O}(0; \{5^9, 4^4, 2^3\})$	419424
20	$\mathcal{O}(0; \{5^9, 4^6\})$	1677696
20	$\mathcal{O}(0; \{10, 5, 4^2, 2^{17}\})$	8
20	$\mathcal{O}(0; \{10, 5, 4^4, 2^{14}\})$	32
20	$\mathcal{O}(0; \{10, 5, 4^6, 2^{11}\})$	128
20	$\mathcal{O}(0; \{10, 5, 4^8, 2^8\})$	512
20	$\mathcal{O}(0; \{10, 5, 4^{10}, 2^5\})$	2048
20	$\mathcal{O}(0; \{10, 5, 4^{12}, 2^2\})$	8192
20	$\mathcal{O}(0; \{10, 5^6, 4^2, 2^9\})$	6552
20	$\mathcal{O}(0; \{10, 5^6, 4^4, 2^6\})$	26208

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{10, 5^6, 4^6, 2^3\})$	104832
20	$\mathcal{O}(0; \{10, 5^6, 4^8\})$	419328
20	$\mathcal{O}(0; \{10, 5^{11}, 4^2, 2\})$	6710888
20	$\mathcal{O}(0; \{10^2, 5^3, 4^2, 2^{12}\})$	408
20	$\mathcal{O}(0; \{10^2, 5^3, 4^4, 2^9\})$	1632
20	$\mathcal{O}(0; \{10^2, 5^3, 4^6, 2^6\})$	6528
20	$\mathcal{O}(0; \{10^2, 5^3, 4^8, 2^3\})$	26112
20	$\mathcal{O}(0; \{10^2, 5^3, 4^{10}\})$	104448
20	$\mathcal{O}(0; \{10^2, 5^8, 4^2, 2^4\})$	419432
20	$\mathcal{O}(0; \{10^2, 5^8, 4^4, 2\})$	1677728
20	$\mathcal{O}(0; \{10^3, 4^2, 2^{15}\})$	24
20	$\mathcal{O}(0; \{10^3, 4^4, 2^{12}\})$	96
20	$\mathcal{O}(0; \{10^3, 4^6, 2^9\})$	384
20	$\mathcal{O}(0; \{10^3, 4^8, 2^6\})$	1536
20	$\mathcal{O}(0; \{10^3, 4^{10}, 2^3\})$	6144
20	$\mathcal{O}(0; \{10^3, 4^{12}\})$	24576
20	$\mathcal{O}(0; \{10^3, 5^5, 4^2, 2^7\})$	26216
20	$\mathcal{O}(0; \{10^3, 5^5, 4^4, 2^4\})$	104864
20	$\mathcal{O}(0; \{10^3, 5^5, 4^6, 2\})$	419456
20	$\mathcal{O}(0; \{10^4, 5^2, 4^2, 2^{10}\})$	1640
20	$\mathcal{O}(0; \{10^4, 5^2, 4^4, 2^7\})$	6560
20	$\mathcal{O}(0; \{10^4, 5^2, 4^6, 2^4\})$	26240
20	$\mathcal{O}(0; \{10^4, 5^2, 4^8, 2\})$	104960
20	$\mathcal{O}(0; \{10^4, 5^7, 4^2, 2^2\})$	1677720
20	$\mathcal{O}(0; \{10^5, 5^4, 4^2, 2^5\})$	104856
20	$\mathcal{O}(0; \{10^5, 5^4, 4^4, 2^2\})$	419424
20	$\mathcal{O}(0; \{10^6, 5, 4^2, 2^8\})$	6552
20	$\mathcal{O}(0; \{10^6, 5, 4^4, 2^5\})$	26208
20	$\mathcal{O}(0; \{10^6, 5, 4^6, 2^2\})$	104832
20	$\mathcal{O}(0; \{10^6, 5^6, 4^2\})$	6710888
20	$\mathcal{O}(0; \{10^7, 5^3, 4^2, 2^3\})$	419432
20	$\mathcal{O}(0; \{10^7, 5^3, 4^4\})$	1677728
20	$\mathcal{O}(0; \{10^8, 4^2, 2^6\})$	26216
20	$\mathcal{O}(0; \{10^8, 4^4, 2^3\})$	104864
20	$\mathcal{O}(0; \{10^8, 4^6\})$	419456
20	$\mathcal{O}(0; \{10^9, 5^2, 4^2, 2\})$	1677720
20	$\mathcal{O}(0; \{20, 5^5, 4, 2^{12}\})$	1640
20	$\mathcal{O}(0; \{20, 5^5, 4^3, 2^9\})$	6560
20	$\mathcal{O}(0; \{20, 5^5, 4^5, 2^6\})$	26240
20	$\mathcal{O}(0; \{20, 5^5, 4^7, 2^3\})$	104960
20	$\mathcal{O}(0; \{20, 5^5, 4^9\})$	419840
20	$\mathcal{O}(0; \{20, 5^{10}, 4, 2^4\})$	1677720
20	$\mathcal{O}(0; \{20, 5^{10}, 4^3, 2\})$	6710880

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20, 10, 5^2, 4, 2^{15}\})$	104
20	$\mathcal{O}(0; \{20, 10, 5^2, 4^3, 2^{12}\})$	416
20	$\mathcal{O}(0; \{20, 10, 5^2, 4^5, 2^9\})$	1664
20	$\mathcal{O}(0; \{20, 10, 5^2, 4^7, 2^6\})$	6656
20	$\mathcal{O}(0; \{20, 10, 5^2, 4^9, 2^3\})$	26624
20	$\mathcal{O}(0; \{20, 10, 5^2, 4^{11}\})$	106496
20	$\mathcal{O}(0; \{20, 10, 5^7, 4, 2^7\})$	104856
20	$\mathcal{O}(0; \{20, 10, 5^7, 4^3, 2^4\})$	419424
20	$\mathcal{O}(0; \{20, 10, 5^7, 4^5, 2\})$	1677696
20	$\mathcal{O}(0; \{20, 10^2, 5^4, 4, 2^{10}\})$	6552
20	$\mathcal{O}(0; \{20, 10^2, 5^4, 4^3, 2^7\})$	26208
20	$\mathcal{O}(0; \{20, 10^2, 5^4, 4^5, 2^4\})$	104832
20	$\mathcal{O}(0; \{20, 10^2, 5^4, 4^7, 2\})$	419328
20	$\mathcal{O}(0; \{20, 10^2, 5^9, 4, 2^2\})$	6710888
20	$\mathcal{O}(0; \{20, 10^3, 5, 4, 2^{13}\})$	408
20	$\mathcal{O}(0; \{20, 10^3, 5, 4^3, 2^{10}\})$	1632
20	$\mathcal{O}(0; \{20, 10^3, 5, 4^5, 2^7\})$	6528
20	$\mathcal{O}(0; \{20, 10^3, 5, 4^7, 2^4\})$	26112
20	$\mathcal{O}(0; \{20, 10^3, 5, 4^9, 2\})$	104448
20	$\mathcal{O}(0; \{20, 10^3, 5^6, 4, 2^5\})$	419432
20	$\mathcal{O}(0; \{20, 10^3, 5^6, 4^3, 2^2\})$	1677728
20	$\mathcal{O}(0; \{20, 10^4, 5^3, 4, 2^8\})$	26216
20	$\mathcal{O}(0; \{20, 10^4, 5^3, 4^3, 2^5\})$	104864
20	$\mathcal{O}(0; \{20, 10^4, 5^3, 4^5, 2^2\})$	419456
20	$\mathcal{O}(0; \{20, 10^4, 5^8, 4\})$	26843544
20	$\mathcal{O}(0; \{20, 10^5, 4, 2^{11}\})$	1640
20	$\mathcal{O}(0; \{20, 10^5, 4^3, 2^8\})$	6560
20	$\mathcal{O}(0; \{20, 10^5, 4^5, 2^5\})$	26240
20	$\mathcal{O}(0; \{20, 10^5, 4^7, 2^2\})$	104960
20	$\mathcal{O}(0; \{20, 10^5, 5^5, 4, 2^3\})$	1677720
20	$\mathcal{O}(0; \{20, 10^5, 5^5, 4^3\})$	6710880
20	$\mathcal{O}(0; \{20, 10^6, 5^2, 4, 2^6\})$	104856
20	$\mathcal{O}(0; \{20, 10^6, 5^2, 4^3, 2^3\})$	419424
20	$\mathcal{O}(0; \{20, 10^6, 5^2, 4^5\})$	1677696
20	$\mathcal{O}(0; \{20, 10^7, 5^4, 4, 2\})$	6710888
20	$\mathcal{O}(0; \{20, 10^8, 5, 4, 2^4\})$	419432
20	$\mathcal{O}(0; \{20, 10^8, 5, 4^3, 2\})$	1677728
20	$\mathcal{O}(0; \{20, 10^{10}, 4, 2^2\})$	1677720
20	$\mathcal{O}(0; \{20^2, 5, 2^{18}\})$	24
20	$\mathcal{O}(0; \{20^2, 5, 4^2, 2^{15}\})$	96
20	$\mathcal{O}(0; \{20^2, 5, 4^4, 2^{12}\})$	384
20	$\mathcal{O}(0; \{20^2, 5, 4^6, 2^9\})$	1536
20	$\mathcal{O}(0; \{20^2, 5, 4^8, 2^6\})$	6144

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20^2, 5, 4^{10}, 2^3\})$	24576
20	$\mathcal{O}(0; \{20^2, 5, 4^{12}\})$	98304
20	$\mathcal{O}(0; \{20^2, 5^6, 2^{10}\})$	26216
20	$\mathcal{O}(0; \{20^2, 5^6, 4^2, 2^7\})$	104864
20	$\mathcal{O}(0; \{20^2, 5^6, 4^4, 2^4\})$	419456
20	$\mathcal{O}(0; \{20^2, 5^6, 4^6, 2\})$	1677824
20	$\mathcal{O}(0; \{20^2, 5^{11}, 2^2\})$	26843544
20	$\mathcal{O}(0; \{20^2, 10, 5^3, 2^{13}\})$	1640
20	$\mathcal{O}(0; \{20^2, 10, 5^3, 4^2, 2^{10}\})$	6560
20	$\mathcal{O}(0; \{20^2, 10, 5^3, 4^4, 2^7\})$	26240
20	$\mathcal{O}(0; \{20^2, 10, 5^3, 4^6, 2^4\})$	104960
20	$\mathcal{O}(0; \{20^2, 10, 5^3, 4^8, 2\})$	419840
20	$\mathcal{O}(0; \{20^2, 10, 5^8, 2^5\})$	1677720
20	$\mathcal{O}(0; \{20^2, 10, 5^8, 4^2, 2^2\})$	6710880
20	$\mathcal{O}(0; \{20^2, 10^2, 2^{16}\})$	104
20	$\mathcal{O}(0; \{20^2, 10^2, 4^2, 2^{13}\})$	416
20	$\mathcal{O}(0; \{20^2, 10^2, 4^4, 2^{10}\})$	1664
20	$\mathcal{O}(0; \{20^2, 10^2, 4^6, 2^7\})$	6656
20	$\mathcal{O}(0; \{20^2, 10^2, 4^8, 2^4\})$	26624
20	$\mathcal{O}(0; \{20^2, 10^2, 4^{10}, 2\})$	106496
20	$\mathcal{O}(0; \{20^2, 10^2, 5^5, 2^8\})$	104856
20	$\mathcal{O}(0; \{20^2, 10^2, 5^5, 4^2, 2^5\})$	419424
20	$\mathcal{O}(0; \{20^2, 10^2, 5^5, 4^4, 2^2\})$	1677696
20	$\mathcal{O}(0; \{20^2, 10^2, 5^{10}\})$	107374184
20	$\mathcal{O}(0; \{20^2, 10^3, 5^2, 2^{11}\})$	6552
20	$\mathcal{O}(0; \{20^2, 10^3, 5^2, 4^2, 2^8\})$	26208
20	$\mathcal{O}(0; \{20^2, 10^3, 5^2, 4^4, 2^5\})$	104832
20	$\mathcal{O}(0; \{20^2, 10^3, 5^2, 4^6, 2^2\})$	419328
20	$\mathcal{O}(0; \{20^2, 10^3, 5^7, 2^3\})$	6710888
20	$\mathcal{O}(0; \{20^2, 10^3, 5^7, 4^2\})$	26843552
20	$\mathcal{O}(0; \{20^2, 10^4, 5^4, 2^6\})$	419432
20	$\mathcal{O}(0; \{20^2, 10^4, 5^4, 4^2, 2^3\})$	1677728
20	$\mathcal{O}(0; \{20^2, 10^4, 5^4, 4^4\})$	6710912
20	$\mathcal{O}(0; \{20^2, 10^5, 5, 2^9\})$	26216
20	$\mathcal{O}(0; \{20^2, 10^5, 5, 4^2, 2^6\})$	104864
20	$\mathcal{O}(0; \{20^2, 10^5, 5, 4^4, 2^3\})$	419456
20	$\mathcal{O}(0; \{20^2, 10^5, 5, 4^6\})$	1677824
20	$\mathcal{O}(0; \{20^2, 10^5, 5^6, 2\})$	26843544
20	$\mathcal{O}(0; \{20^2, 10^6, 5^3, 2^4\})$	1677720
20	$\mathcal{O}(0; \{20^2, 10^6, 5^3, 4^2, 2\})$	6710880
20	$\mathcal{O}(0; \{20^2, 10^7, 2^7\})$	104856
20	$\mathcal{O}(0; \{20^2, 10^7, 4^2, 2^4\})$	419424
20	$\mathcal{O}(0; \{20^2, 10^7, 4^4, 2\})$	1677696

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20^2, 10^8, 5^2, 2^2\})$	6710888
20	$\mathcal{O}(0; \{20^2, 10^{10}, 5\})$	26843544
20	$\mathcal{O}(0; \{20^3, 5^2, 4, 2^{13}\})$	1632
20	$\mathcal{O}(0; \{20^3, 5^2, 4^3, 2^{10}\})$	6528
20	$\mathcal{O}(0; \{20^3, 5^2, 4^5, 2^7\})$	26112
20	$\mathcal{O}(0; \{20^3, 5^2, 4^7, 2^4\})$	104448
20	$\mathcal{O}(0; \{20^3, 5^2, 4^9, 2\})$	417792
20	$\mathcal{O}(0; \{20^3, 5^7, 4, 2^5\})$	1677728
20	$\mathcal{O}(0; \{20^3, 5^7, 4^3, 2^2\})$	6710912
20	$\mathcal{O}(0; \{20^3, 10, 5^4, 4, 2^8\})$	104864
20	$\mathcal{O}(0; \{20^3, 10, 5^4, 4^3, 2^5\})$	419456
20	$\mathcal{O}(0; \{20^3, 10, 5^4, 4^5, 2^2\})$	1677824
20	$\mathcal{O}(0; \{20^3, 10, 5^9, 4\})$	107374176
20	$\mathcal{O}(0; \{20^3, 10^2, 5, 4, 2^{11}\})$	6560
20	$\mathcal{O}(0; \{20^3, 10^2, 5, 4^3, 2^8\})$	26240
20	$\mathcal{O}(0; \{20^3, 10^2, 5, 4^5, 2^5\})$	104960
20	$\mathcal{O}(0; \{20^3, 10^2, 5, 4^7, 2^2\})$	419840
20	$\mathcal{O}(0; \{20^3, 10^2, 5^6, 4, 2^3\})$	6710880
20	$\mathcal{O}(0; \{20^3, 10^2, 5^6, 4^3\})$	26843520
20	$\mathcal{O}(0; \{20^3, 10^3, 5^3, 4, 2^6\})$	419424
20	$\mathcal{O}(0; \{20^3, 10^3, 5^3, 4^3, 2^3\})$	1677696
20	$\mathcal{O}(0; \{20^3, 10^3, 5^3, 4^5\})$	6710784
20	$\mathcal{O}(0; \{20^3, 10^4, 4, 2^9\})$	26208
20	$\mathcal{O}(0; \{20^3, 10^4, 4^3, 2^6\})$	104832
20	$\mathcal{O}(0; \{20^3, 10^4, 4^5, 2^3\})$	419328
20	$\mathcal{O}(0; \{20^3, 10^4, 4^7\})$	1677312
20	$\mathcal{O}(0; \{20^3, 10^4, 5^5, 4, 2\})$	26843552
20	$\mathcal{O}(0; \{20^3, 10^5, 5^2, 4, 2^4\})$	1677728
20	$\mathcal{O}(0; \{20^3, 10^5, 5^2, 4^3, 2\})$	6710912
20	$\mathcal{O}(0; \{20^3, 10^7, 5, 4, 2^2\})$	6710880
20	$\mathcal{O}(0; \{20^3, 10^9, 4\})$	26843552
20	$\mathcal{O}(0; \{20^4, 5^3, 2^{11}\})$	26208
20	$\mathcal{O}(0; \{20^4, 5^3, 4^2, 2^8\})$	104832
20	$\mathcal{O}(0; \{20^4, 5^3, 4^4, 2^5\})$	419328
20	$\mathcal{O}(0; \{20^4, 5^3, 4^6, 2^2\})$	1677312
20	$\mathcal{O}(0; \{20^4, 5^8, 2^3\})$	26843552
20	$\mathcal{O}(0; \{20^4, 5^8, 4^2\})$	107374208
20	$\mathcal{O}(0; \{20^4, 10, 2^{14}\})$	1632
20	$\mathcal{O}(0; \{20^4, 10, 4^2, 2^{11}\})$	6528
20	$\mathcal{O}(0; \{20^4, 10, 4^4, 2^8\})$	26112
20	$\mathcal{O}(0; \{20^4, 10, 4^6, 2^5\})$	104448
20	$\mathcal{O}(0; \{20^4, 10, 4^8, 2^2\})$	417792
20	$\mathcal{O}(0; \{20^4, 10, 5^5, 2^6\})$	1677728

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20^4, 10, 5^5, 4^2, 2^3\})$	6710912
20	$\mathcal{O}(0; \{20^4, 10, 5^5, 4^4\})$	26843648
20	$\mathcal{O}(0; \{20^4, 10^2, 5^2, 2^9\})$	104864
20	$\mathcal{O}(0; \{20^4, 10^2, 5^2, 4^2, 2^6\})$	419456
20	$\mathcal{O}(0; \{20^4, 10^2, 5^2, 4^4, 2^3\})$	1677824
20	$\mathcal{O}(0; \{20^4, 10^2, 5^2, 4^6\})$	6711296
20	$\mathcal{O}(0; \{20^4, 10^2, 5^7, 2\})$	107374176
20	$\mathcal{O}(0; \{20^4, 10^3, 5^4, 2^4\})$	6710880
20	$\mathcal{O}(0; \{20^4, 10^3, 5^4, 4^2, 2\})$	26843520
20	$\mathcal{O}(0; \{20^4, 10^4, 5, 2^7\})$	419424
20	$\mathcal{O}(0; \{20^4, 10^4, 5, 4^2, 2^4\})$	1677696
20	$\mathcal{O}(0; \{20^4, 10^4, 5, 4^4, 2\})$	6710784
20	$\mathcal{O}(0; \{20^4, 10^5, 5^3, 2^2\})$	26843552
20	$\mathcal{O}(0; \{20^4, 10^6, 2^5\})$	1677728
20	$\mathcal{O}(0; \{20^4, 10^6, 4^2, 2^2\})$	6710912
20	$\mathcal{O}(0; \{20^4, 10^7, 5^2\})$	107374176
20	$\mathcal{O}(0; \{20^5, 5^4, 4, 2^6\})$	1677696
20	$\mathcal{O}(0; \{20^5, 5^4, 4^3, 2^3\})$	6710784
20	$\mathcal{O}(0; \{20^5, 5^4, 4^5\})$	26843136
20	$\mathcal{O}(0; \{20^5, 10, 5, 4, 2^9\})$	104832
20	$\mathcal{O}(0; \{20^5, 10, 5, 4^3, 2^6\})$	419328
20	$\mathcal{O}(0; \{20^5, 10, 5, 4^5, 2^3\})$	1677312
20	$\mathcal{O}(0; \{20^5, 10, 5, 4^7\})$	6709248
20	$\mathcal{O}(0; \{20^5, 10, 5^6, 4, 2\})$	107374208
20	$\mathcal{O}(0; \{20^5, 10^2, 5^3, 4, 2^4\})$	6710912
20	$\mathcal{O}(0; \{20^5, 10^2, 5^3, 4^3, 2\})$	26843648
20	$\mathcal{O}(0; \{20^5, 10^3, 4, 2^7\})$	419456
20	$\mathcal{O}(0; \{20^5, 10^3, 4^3, 2^4\})$	1677824
20	$\mathcal{O}(0; \{20^5, 10^3, 4^5, 2\})$	6711296
20	$\mathcal{O}(0; \{20^5, 10^4, 5^2, 4, 2^2\})$	26843520
20	$\mathcal{O}(0; \{20^5, 10^6, 5, 4\})$	107374208
20	$\mathcal{O}(0; \{20^6, 2^{12}\})$	26240
20	$\mathcal{O}(0; \{20^6, 4^2, 2^9\})$	104960
20	$\mathcal{O}(0; \{20^6, 4^4, 2^6\})$	419840
20	$\mathcal{O}(0; \{20^6, 4^6, 2^3\})$	1679360
20	$\mathcal{O}(0; \{20^6, 4^8\})$	6717440
20	$\mathcal{O}(0; \{20^6, 5^5, 2^4\})$	26843520
20	$\mathcal{O}(0; \{20^6, 5^5, 4^2, 2\})$	107374080
20	$\mathcal{O}(0; \{20^6, 10, 5^2, 2^7\})$	1677696
20	$\mathcal{O}(0; \{20^6, 10, 5^2, 4^2, 2^4\})$	6710784
20	$\mathcal{O}(0; \{20^6, 10, 5^2, 4^4, 2\})$	26843136
20	$\mathcal{O}(0; \{20^6, 10^2, 5^4, 2^2\})$	107374208
20	$\mathcal{O}(0; \{20^6, 10^3, 5, 2^5\})$	6710912

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20^6, 10^3, 5, 4^2, 2^2\})$	26843648
20	$\mathcal{O}(0; \{20^6, 10^4, 5^3\})$	429496704
20	$\mathcal{O}(0; \{20^6, 10^5, 2^3\})$	26843520
20	$\mathcal{O}(0; \{20^6, 10^5, 4^2\})$	107374080
20	$\mathcal{O}(0; \{20^7, 5, 4, 2^7\})$	1677824
20	$\mathcal{O}(0; \{20^7, 5, 4^3, 2^4\})$	6711296
20	$\mathcal{O}(0; \{20^7, 5, 4^5, 2\})$	26845184
20	$\mathcal{O}(0; \{20^7, 10, 5^3, 4, 2^2\})$	107374080
20	$\mathcal{O}(0; \{20^7, 10^2, 4, 2^5\})$	6710784
20	$\mathcal{O}(0; \{20^7, 10^2, 4^3, 2^2\})$	26843136
20	$\mathcal{O}(0; \{20^7, 10^3, 5^2, 4\})$	429496832
20	$\mathcal{O}(0; \{20^8, 5^2, 2^5\})$	26843648
20	$\mathcal{O}(0; \{20^8, 5^2, 4^2, 2^2\})$	107374592
20	$\mathcal{O}(0; \{20^8, 10, 5^4\})$	1717986816
20	$\mathcal{O}(0; \{20^8, 10^2, 5, 2^3\})$	107374080
20	$\mathcal{O}(0; \{20^8, 10^2, 5, 4^2\})$	429496320
20	$\mathcal{O}(0; \{20^8, 10^4, 2\})$	429496832
20	$\mathcal{O}(0; \{20^9, 5^3, 4\})$	1717987328
20	$\mathcal{O}(0; \{20^9, 10, 4, 2^3\})$	107374592
20	$\mathcal{O}(0; \{20^9, 10, 4^3\})$	429498368
20	$\mathcal{O}(0; \{20^{10}, 10, 5, 2\})$	1717987328
20	$\mathcal{O}(0; \{20^{11}, 4, 2\})$	1717985280
21	$\mathcal{O}(4; \{21^2, 3^2\})$	1361622936996
21	$\mathcal{O}(3; \{7^3, 3^4\})$	15437901780
21	$\mathcal{O}(3; \{21^2, 3^5\})$	21613062492
21	$\mathcal{O}(3; \{21^3, 7^2, 3\})$	571202365860
21	$\mathcal{O}(2; \{7^3, 3^7\})$	245046060
21	$\mathcal{O}(2; \{21, 7^5, 3^3\})$	7778462076
21	$\mathcal{O}(2; \{21^2, 3^8\})$	399075012
21	$\mathcal{O}(2; \{21^3, 7^2, 3^4\})$	9066704220
21	$\mathcal{O}(2; \{21^4, 7^4\})$	279989628156
21	$\mathcal{O}(2; \{21^6, 7, 3\})$	326646397980
21	$\mathcal{O}(1; \{7^3, 3^{10}\})$	4524660
21	$\mathcal{O}(1; \{21, 7^5, 3^6\})$	123467652
21	$\mathcal{O}(1; \{21^2, 3^{11}\})$	7223580
21	$\mathcal{O}(1; \{21^2, 7^7, 3^2\})$	3809366820
21	$\mathcal{O}(1; \{21^3, 7^2, 3^7\})$	167412420
21	$\mathcal{O}(1; \{21^4, 7^4, 3^3\})$	4444279812
21	$\mathcal{O}(1; \{21^6, 7, 3^4\})$	6031371780
21	$\mathcal{O}(1; \{21^7, 7^3\})$	159993517572
21	$\mathcal{O}(1; \{21^9, 3\})$	217133908740
21	$\mathcal{O}(0; \{7^3, 3^{13}\})$	81900
21	$\mathcal{O}(0; \{7^{10}, 3^4\})$	51828156

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
21	$\mathcal{O}(0; \{21, 7^5, 3^9\})$	2279772
21	$\mathcal{O}(0; \{21^2, 3^{14}\})$	131076
21	$\mathcal{O}(0; \{21^2, 7^7, 3^5\})$	60466140
21	$\mathcal{O}(0; \{21^3, 7^2, 3^{10}\})$	3030300
21	$\mathcal{O}(0; \{21^3, 7^9, 3\})$	1865813436
21	$\mathcal{O}(0; \{21^4, 7^4, 3^6\})$	82061532
21	$\mathcal{O}(0; \{21^5, 7^6, 3^2\})$	2176782300
21	$\mathcal{O}(0; \{21^6, 7, 3^7\})$	109172700
21	$\mathcal{O}(0; \{21^7, 7^3, 3^3\})$	2954204892
21	$\mathcal{O}(0; \{21^9, 3^4\})$	3930299100
21	$\mathcal{O}(0; \{21^{10}, 7^2\})$	106351365852
22	$\mathcal{O}(4; \{11^2, 2^2\})$	548758735360
22	$\mathcal{O}(4; \{22^2, 11\})$	4938828618240
22	$\mathcal{O}(3; \{11^2, 2^6\})$	1133799040
22	$\mathcal{O}(3; \{22^2, 11, 2^4\})$	10204191360
22	$\mathcal{O}(3; \{22^4, 2^2\})$	103175712640
22	$\mathcal{O}(2; \{11^2, 2^{10}\})$	2342560
22	$\mathcal{O}(2; \{22^2, 11, 2^8\})$	21083040
22	$\mathcal{O}(2; \{22^4, 2^6\})$	213172960
22	$\mathcal{O}(1; \{11^2, 2^{14}\})$	4840
22	$\mathcal{O}(1; \{22, 11^7, 2^3\})$	4400000440
22	$\mathcal{O}(1; \{22^2, 11, 2^{12}\})$	43560
22	$\mathcal{O}(1; \{22^3, 11^6, 2\})$	43999999560
22	$\mathcal{O}(1; \{22^4, 2^{10}\})$	440440
22	$\mathcal{O}(0; \{11^2, 2^{18}\})$	10
22	$\mathcal{O}(0; \{22, 11^7, 2^7\})$	9090910
22	$\mathcal{O}(0; \{22^2, 11, 2^{16}\})$	90
22	$\mathcal{O}(0; \{22^3, 11^6, 2^5\})$	90909090
22	$\mathcal{O}(0; \{22^4, 2^{14}\})$	910
22	$\mathcal{O}(0; \{22^5, 11^5, 2^3\})$	909090910
22	$\mathcal{O}(0; \{22^7, 11^4, 2\})$	9090909090
24	$\mathcal{O}(3; \{8^2, 3^2, 2^2\})$	1528823808
24	$\mathcal{O}(3; \{8^2, 6^2, 3\})$	1528823808
24	$\mathcal{O}(3; \{12, 8^2, 4, 3\})$	6115295232
24	$\mathcal{O}(3; \{12^2, 8^2, 2\})$	6115295232
24	$\mathcal{O}(3; \{24, 8, 6, 4, 3\})$	3057647616
24	$\mathcal{O}(3; \{24, 12, 8, 3^2\})$	9172942848
24	$\mathcal{O}(3; \{24, 12, 8, 6, 2\})$	3057647616
24	$\mathcal{O}(3; \{24^2, 3, 2^3\})$	1528823808
24	$\mathcal{O}(3; \{24^2, 4^2, 3\})$	6115295232
24	$\mathcal{O}(3; \{24^2, 6, 3^2\})$	7644119040
24	$\mathcal{O}(3; \{24^2, 6^2, 2\})$	4586471424
24	$\mathcal{O}(3; \{24^2, 12, 4, 2\})$	6115295232

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(2; \{8^2, 3^2, 2^6\})$	2654208
24	$\mathcal{O}(2; \{8^2, 3^5, 2^2\})$	13271040
24	$\mathcal{O}(2; \{8^2, 4^2, 3^2, 2^3\})$	10616832
24	$\mathcal{O}(2; \{8^2, 4^4, 3^2\})$	42467328
24	$\mathcal{O}(2; \{8^2, 6, 3^3, 2^3\})$	7962624
24	$\mathcal{O}(2; \{8^2, 6, 4^2, 3^3\})$	31850496
24	$\mathcal{O}(2; \{8^2, 6^2, 3, 2^4\})$	2654208
24	$\mathcal{O}(2; \{8^2, 6^2, 3^4\})$	29196288
24	$\mathcal{O}(2; \{8^2, 6^2, 4^2, 3, 2\})$	10616832
24	$\mathcal{O}(2; \{8^2, 6^3, 3^2, 2\})$	13271040
24	$\mathcal{O}(2; \{8^2, 6^4, 2^2\})$	7962624
24	$\mathcal{O}(2; \{8^4, 4, 3^2, 2\})$	84934656
24	$\mathcal{O}(2; \{12, 8^2, 4, 3, 2^4\})$	10616832
24	$\mathcal{O}(2; \{12, 8^2, 4, 3^4\})$	53084160
24	$\mathcal{O}(2; \{12, 8^2, 4^3, 3, 2\})$	42467328
24	$\mathcal{O}(2; \{12, 8^2, 6, 4, 3^2, 2\})$	31850496
24	$\mathcal{O}(2; \{12, 8^2, 6^2, 4, 2^2\})$	10616832
24	$\mathcal{O}(2; \{12, 8^4, 3, 2^2\})$	84934656
24	$\mathcal{O}(2; \{12, 8^4, 6^2\})$	84934656
24	$\mathcal{O}(2; \{12^2, 8^2, 2^5\})$	10616832
24	$\mathcal{O}(2; \{12^2, 8^2, 3^3, 2\})$	53084160
24	$\mathcal{O}(2; \{12^2, 8^2, 4^2, 2^2\})$	42467328
24	$\mathcal{O}(2; \{12^2, 8^2, 6, 3, 2^2\})$	31850496
24	$\mathcal{O}(2; \{12^2, 8^2, 6^3\})$	53084160
24	$\mathcal{O}(2; \{12^2, 8^4, 4\})$	339738624
24	$\mathcal{O}(2; \{12^3, 8^2, 6, 4\})$	127401984
24	$\mathcal{O}(2; \{12^4, 8^2, 3\})$	212336640
24	$\mathcal{O}(2; \{24, 8, 4, 3^3, 2^3\})$	15925248
24	$\mathcal{O}(2; \{24, 8, 4^3, 3^3\})$	63700992
24	$\mathcal{O}(2; \{24, 8, 6, 4, 3, 2^4\})$	5308416
24	$\mathcal{O}(2; \{24, 8, 6, 4, 3^4\})$	58392576
24	$\mathcal{O}(2; \{24, 8, 6, 4^3, 3, 2\})$	21233664
24	$\mathcal{O}(2; \{24, 8, 6^2, 4, 3^2, 2\})$	26542080
24	$\mathcal{O}(2; \{24, 8, 6^3, 4, 2^2\})$	15925248
24	$\mathcal{O}(2; \{24, 8^3, 3^3, 2\})$	127401984
24	$\mathcal{O}(2; \{24, 8^3, 6, 3, 2^2\})$	42467328
24	$\mathcal{O}(2; \{24, 8^3, 6^3\})$	127401984
24	$\mathcal{O}(2; \{24, 12, 8, 3^2, 2^4\})$	15925248
24	$\mathcal{O}(2; \{24, 12, 8, 3^5\})$	111476736
24	$\mathcal{O}(2; \{24, 12, 8, 4^2, 3^2, 2\})$	63700992
24	$\mathcal{O}(2; \{24, 12, 8, 6, 2^5\})$	5308416
24	$\mathcal{O}(2; \{24, 12, 8, 6, 3^3, 2\})$	58392576
24	$\mathcal{O}(2; \{24, 12, 8, 6, 4^2, 2^2\})$	21233664

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(2; \{24, 12, 8, 6^2, 3, 2^2\})$	26542080
24	$\mathcal{O}(2; \{24, 12, 8, 6^4\})$	58392576
24	$\mathcal{O}(2; \{24, 12, 8^3, 6, 4\})$	169869312
24	$\mathcal{O}(2; \{24, 12^2, 8, 4, 3, 2^2\})$	63700992
24	$\mathcal{O}(2; \{24, 12^2, 8, 6^2, 4\})$	106168320
24	$\mathcal{O}(2; \{24, 12^2, 8^3, 3\})$	509607936
24	$\mathcal{O}(2; \{24, 12^3, 8, 2^3\})$	63700992
24	$\mathcal{O}(2; \{24, 12^3, 8, 4^2\})$	254803968
24	$\mathcal{O}(2; \{24, 12^3, 8, 6, 3\})$	233570304
24	$\mathcal{O}(2; \{24^2, 3, 2^7\})$	2654208
24	$\mathcal{O}(2; \{24^2, 3^4, 2^3\})$	29196288
24	$\mathcal{O}(2; \{24^2, 4^2, 3, 2^4\})$	10616832
24	$\mathcal{O}(2; \{24^2, 4^2, 3^4\})$	116785152
24	$\mathcal{O}(2; \{24^2, 4^4, 3, 2\})$	42467328
24	$\mathcal{O}(2; \{24^2, 6, 3^2, 2^4\})$	13271040
24	$\mathcal{O}(2; \{24^2, 6, 3^5\})$	114130944
24	$\mathcal{O}(2; \{24^2, 6, 4^2, 3^2, 2\})$	53084160
24	$\mathcal{O}(2; \{24^2, 6^2, 2^5\})$	7962624
24	$\mathcal{O}(2; \{24^2, 6^2, 3^3, 2\})$	55738368
24	$\mathcal{O}(2; \{24^2, 6^2, 4^2, 2^2\})$	31850496
24	$\mathcal{O}(2; \{24^2, 6^3, 3, 2^2\})$	29196288
24	$\mathcal{O}(2; \{24^2, 6^5\})$	55738368
24	$\mathcal{O}(2; \{24^2, 8^2, 4, 3, 2^2\})$	84934656
24	$\mathcal{O}(2; \{24^2, 8^2, 6^2, 4\})$	254803968
24	$\mathcal{O}(2; \{24^2, 8^4, 3\})$	679477248
24	$\mathcal{O}(2; \{24^2, 12, 4, 2^5\})$	10616832
24	$\mathcal{O}(2; \{24^2, 12, 4, 3^3, 2\})$	116785152
24	$\mathcal{O}(2; \{24^2, 12, 4^3, 2^2\})$	42467328
24	$\mathcal{O}(2; \{24^2, 12, 6, 4, 3, 2^2\})$	53084160
24	$\mathcal{O}(2; \{24^2, 12, 6^3, 4\})$	116785152
24	$\mathcal{O}(2; \{24^2, 12, 8^2, 2^3\})$	84934656
24	$\mathcal{O}(2; \{24^2, 12, 8^2, 4^2\})$	339738624
24	$\mathcal{O}(2; \{24^2, 12, 8^2, 6, 3\})$	424673280
24	$\mathcal{O}(2; \{24^2, 12^2, 3^2, 2^2\})$	116785152
24	$\mathcal{O}(2; \{24^2, 12^2, 6, 2^3\})$	53084160
24	$\mathcal{O}(2; \{24^2, 12^2, 6, 4^2\})$	212336640
24	$\mathcal{O}(2; \{24^2, 12^2, 6^2, 3\})$	222953472
24	$\mathcal{O}(2; \{24^2, 12^3, 4, 3\})$	467140608
24	$\mathcal{O}(2; \{24^2, 12^4, 2\})$	467140608
24	$\mathcal{O}(2; \{24^3, 8, 3^2, 2^2\})$	212336640
24	$\mathcal{O}(2; \{24^3, 8, 6, 2^3\})$	127401984
24	$\mathcal{O}(2; \{24^3, 8, 6, 4^2\})$	509607936
24	$\mathcal{O}(2; \{24^3, 8, 6^2, 3\})$	467140608

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(2; \{24^3, 12, 8, 4, 3\})$	849346560
24	$\mathcal{O}(2; \{24^3, 12^2, 8, 2\})$	849346560
24	$\mathcal{O}(2; \{24^4, 4, 2^3\})$	254803968
24	$\mathcal{O}(2; \{24^4, 4^3\})$	1019215872
24	$\mathcal{O}(2; \{24^4, 6, 4, 3\})$	934281216
24	$\mathcal{O}(2; \{24^4, 8^2, 2\})$	2038431744
24	$\mathcal{O}(2; \{24^4, 12, 3^2\})$	1783627776
24	$\mathcal{O}(2; \{24^4, 12, 6, 2\})$	934281216
24	$\mathcal{O}(1; \{8^2, 3^2, 2^{10}\})$	4608
24	$\mathcal{O}(1; \{8^2, 3^5, 2^6\})$	23040
24	$\mathcal{O}(1; \{8^2, 3^8, 2^2\})$	198144
24	$\mathcal{O}(1; \{8^2, 4^2, 3^2, 2^7\})$	18432
24	$\mathcal{O}(1; \{8^2, 4^2, 3^5, 2^3\})$	92160
24	$\mathcal{O}(1; \{8^2, 4^4, 3^2, 2^4\})$	73728
24	$\mathcal{O}(1; \{8^2, 4^4, 3^5\})$	368640
24	$\mathcal{O}(1; \{8^2, 4^6, 3^2, 2\})$	294912
24	$\mathcal{O}(1; \{8^2, 6, 3^3, 2^7\})$	13824
24	$\mathcal{O}(1; \{8^2, 6, 3^6, 2^3\})$	96768
24	$\mathcal{O}(1; \{8^2, 6, 4^2, 3^3, 2^4\})$	55296
24	$\mathcal{O}(1; \{8^2, 6, 4^2, 3^6\})$	387072
24	$\mathcal{O}(1; \{8^2, 6, 4^4, 3^3, 2\})$	221184
24	$\mathcal{O}(1; \{8^2, 6^2, 3, 2^8\})$	4608
24	$\mathcal{O}(1; \{8^2, 6^2, 3^4, 2^4\})$	50688
24	$\mathcal{O}(1; \{8^2, 6^2, 3^7\})$	391680
24	$\mathcal{O}(1; \{8^2, 6^2, 4^2, 3, 2^5\})$	18432
24	$\mathcal{O}(1; \{8^2, 6^2, 4^2, 3^4, 2\})$	202752
24	$\mathcal{O}(1; \{8^2, 6^2, 4^4, 3, 2^2\})$	73728
24	$\mathcal{O}(1; \{8^2, 6^3, 3^2, 2^5\})$	23040
24	$\mathcal{O}(1; \{8^2, 6^3, 3^5, 2\})$	198144
24	$\mathcal{O}(1; \{8^2, 6^3, 4^2, 3^2, 2^2\})$	92160
24	$\mathcal{O}(1; \{8^2, 6^4, 2^6\})$	13824
24	$\mathcal{O}(1; \{8^2, 6^4, 3^3, 2^2\})$	96768
24	$\mathcal{O}(1; \{8^2, 6^4, 4^2, 2^3\})$	55296
24	$\mathcal{O}(1; \{8^2, 6^4, 4^4\})$	221184
24	$\mathcal{O}(1; \{8^2, 6^5, 3, 2^3\})$	50688
24	$\mathcal{O}(1; \{8^2, 6^5, 4^2, 3\})$	202752
24	$\mathcal{O}(1; \{8^2, 6^6, 3^2\})$	198144
24	$\mathcal{O}(1; \{8^2, 6^7, 2\})$	96768
24	$\mathcal{O}(1; \{8^4, 4, 3^2, 2^5\})$	147456
24	$\mathcal{O}(1; \{8^4, 4, 3^5, 2\})$	737280
24	$\mathcal{O}(1; \{8^4, 4^3, 3^2, 2^2\})$	589824
24	$\mathcal{O}(1; \{8^4, 6, 4, 3^3, 2^2\})$	442368
24	$\mathcal{O}(1; \{8^4, 6^2, 4, 3, 2^3\})$	147456

Continued on next page

Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{8^4, 6^2, 4^3, 3\})$	589824
24	$\mathcal{O}(1; \{8^4, 6^3, 4, 3^2\})$	737280
24	$\mathcal{O}(1; \{8^4, 6^4, 4, 2\})$	442368
24	$\mathcal{O}(1; \{8^6, 3^2, 2^3\})$	1179648
24	$\mathcal{O}(1; \{8^6, 4^2, 3^2\})$	4718592
24	$\mathcal{O}(1; \{8^6, 6, 3^3\})$	3538944
24	$\mathcal{O}(1; \{8^6, 6^2, 3, 2\})$	1179648
24	$\mathcal{O}(1; \{12, 8^2, 4, 3, 2^8\})$	18432
24	$\mathcal{O}(1; \{12, 8^2, 4, 3^4, 2^4\})$	92160
24	$\mathcal{O}(1; \{12, 8^2, 4, 3^7\})$	792576
24	$\mathcal{O}(1; \{12, 8^2, 4^3, 3, 2^5\})$	73728
24	$\mathcal{O}(1; \{12, 8^2, 4^3, 3^4, 2\})$	368640
24	$\mathcal{O}(1; \{12, 8^2, 4^5, 3, 2^2\})$	294912
24	$\mathcal{O}(1; \{12, 8^2, 6, 4, 3^2, 2^5\})$	55296
24	$\mathcal{O}(1; \{12, 8^2, 6, 4, 3^5, 2\})$	387072
24	$\mathcal{O}(1; \{12, 8^2, 6, 4^3, 3^2, 2^2\})$	221184
24	$\mathcal{O}(1; \{12, 8^2, 6^2, 4, 2^6\})$	18432
24	$\mathcal{O}(1; \{12, 8^2, 6^2, 4, 3^3, 2^2\})$	202752
24	$\mathcal{O}(1; \{12, 8^2, 6^2, 4^3, 2^3\})$	73728
24	$\mathcal{O}(1; \{12, 8^2, 6^2, 4^5\})$	294912
24	$\mathcal{O}(1; \{12, 8^2, 6^3, 4, 3, 2^3\})$	92160
24	$\mathcal{O}(1; \{12, 8^2, 6^3, 4^3, 3\})$	368640
24	$\mathcal{O}(1; \{12, 8^2, 6^4, 4, 3^2\})$	387072
24	$\mathcal{O}(1; \{12, 8^2, 6^5, 4, 2\})$	202752
24	$\mathcal{O}(1; \{12, 8^4, 3, 2^6\})$	147456
24	$\mathcal{O}(1; \{12, 8^4, 3^4, 2^2\})$	737280
24	$\mathcal{O}(1; \{12, 8^4, 4^2, 3, 2^3\})$	589824
24	$\mathcal{O}(1; \{12, 8^4, 4^4, 3\})$	2359296
24	$\mathcal{O}(1; \{12, 8^4, 6, 3^2, 2^3\})$	442368
24	$\mathcal{O}(1; \{12, 8^4, 6, 4^2, 3^2\})$	1769472
24	$\mathcal{O}(1; \{12, 8^4, 6^2, 2^4\})$	147456
24	$\mathcal{O}(1; \{12, 8^4, 6^2, 3^3\})$	1622016
24	$\mathcal{O}(1; \{12, 8^4, 6^2, 4^2, 2\})$	589824
24	$\mathcal{O}(1; \{12, 8^4, 6^3, 3, 2\})$	737280
24	$\mathcal{O}(1; \{12, 8^6, 4, 3, 2\})$	4718592
24	$\mathcal{O}(1; \{12^2, 8^2, 2^9\})$	18432
24	$\mathcal{O}(1; \{12^2, 8^2, 3^3, 2^5\})$	92160
24	$\mathcal{O}(1; \{12^2, 8^2, 3^6, 2\})$	792576
24	$\mathcal{O}(1; \{12^2, 8^2, 4^2, 2^6\})$	73728
24	$\mathcal{O}(1; \{12^2, 8^2, 4^2, 3^3, 2^2\})$	368640
24	$\mathcal{O}(1; \{12^2, 8^2, 4^4, 2^3\})$	294912
24	$\mathcal{O}(1; \{12^2, 8^2, 4^6\})$	1179648
24	$\mathcal{O}(1; \{12^2, 8^2, 6, 3, 2^6\})$	55296

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{12^2, 8^2, 6, 3^4, 2^2\})$	387072
24	$\mathcal{O}(1; \{12^2, 8^2, 6, 4^2, 3, 2^3\})$	221184
24	$\mathcal{O}(1; \{12^2, 8^2, 6, 4^4, 3\})$	884736
24	$\mathcal{O}(1; \{12^2, 8^2, 6^2, 3^2, 2^3\})$	202752
24	$\mathcal{O}(1; \{12^2, 8^2, 6^2, 4^2, 3^2\})$	811008
24	$\mathcal{O}(1; \{12^2, 8^2, 6^3, 2^4\})$	92160
24	$\mathcal{O}(1; \{12^2, 8^2, 6^3, 3^3\})$	792576
24	$\mathcal{O}(1; \{12^2, 8^2, 6^3, 4^2, 2\})$	368640
24	$\mathcal{O}(1; \{12^2, 8^2, 6^4, 3, 2\})$	387072
24	$\mathcal{O}(1; \{12^2, 8^4, 4, 2^4\})$	589824
24	$\mathcal{O}(1; \{12^2, 8^4, 4, 3^3\})$	2949120
24	$\mathcal{O}(1; \{12^2, 8^4, 4^3, 2\})$	2359296
24	$\mathcal{O}(1; \{12^2, 8^4, 6, 4, 3, 2\})$	1769472
24	$\mathcal{O}(1; \{12^2, 8^6, 2^2\})$	4718592
24	$\mathcal{O}(1; \{12^3, 8^2, 4, 3^2, 2^3\})$	368640
24	$\mathcal{O}(1; \{12^3, 8^2, 4^3, 3^2\})$	1474560
24	$\mathcal{O}(1; \{12^3, 8^2, 6, 4, 2^4\})$	221184
24	$\mathcal{O}(1; \{12^3, 8^2, 6, 4, 3^3\})$	1548288
24	$\mathcal{O}(1; \{12^3, 8^2, 6, 4^3, 2\})$	884736
24	$\mathcal{O}(1; \{12^3, 8^2, 6^2, 4, 3, 2\})$	811008
24	$\mathcal{O}(1; \{12^3, 8^4, 3^2, 2\})$	2949120
24	$\mathcal{O}(1; \{12^3, 8^4, 6, 2^2\})$	1769472
24	$\mathcal{O}(1; \{12^4, 8^2, 3, 2^4\})$	368640
24	$\mathcal{O}(1; \{12^4, 8^2, 3^4\})$	3170304
24	$\mathcal{O}(1; \{12^4, 8^2, 4^2, 3, 2\})$	1474560
24	$\mathcal{O}(1; \{12^4, 8^2, 6, 3^2, 2\})$	1548288
24	$\mathcal{O}(1; \{12^4, 8^2, 6^2, 2^2\})$	811008
24	$\mathcal{O}(1; \{12^5, 8^2, 4, 2^2\})$	1474560
24	$\mathcal{O}(1; \{12^5, 8^4\})$	11796480
24	$\mathcal{O}(1; \{12^6, 8^2, 6\})$	6193152
24	$\mathcal{O}(1; \{24, 8, 4, 3^3, 2^7\})$	27648
24	$\mathcal{O}(1; \{24, 8, 4, 3^6, 2^3\})$	193536
24	$\mathcal{O}(1; \{24, 8, 4^3, 3^3, 2^4\})$	110592
24	$\mathcal{O}(1; \{24, 8, 4^3, 3^6\})$	774144
24	$\mathcal{O}(1; \{24, 8, 4^5, 3^3, 2\})$	442368
24	$\mathcal{O}(1; \{24, 8, 6, 4, 3, 2^8\})$	9216
24	$\mathcal{O}(1; \{24, 8, 6, 4, 3^4, 2^4\})$	101376
24	$\mathcal{O}(1; \{24, 8, 6, 4, 3^7\})$	783360
24	$\mathcal{O}(1; \{24, 8, 6, 4^3, 3, 2^5\})$	36864
24	$\mathcal{O}(1; \{24, 8, 6, 4^3, 3^4, 2\})$	405504
24	$\mathcal{O}(1; \{24, 8, 6, 4^5, 3, 2^2\})$	147456
24	$\mathcal{O}(1; \{24, 8, 6^2, 4, 3^2, 2^5\})$	46080
24	$\mathcal{O}(1; \{24, 8, 6^2, 4, 3^5, 2\})$	396288

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24, 8, 6^2, 4^3, 3^2, 2^2\})$	184320
24	$\mathcal{O}(1; \{24, 8, 6^3, 4, 2^6\})$	27648
24	$\mathcal{O}(1; \{24, 8, 6^3, 4, 3^3, 2^2\})$	193536
24	$\mathcal{O}(1; \{24, 8, 6^3, 4^3, 2^3\})$	110592
24	$\mathcal{O}(1; \{24, 8, 6^3, 4^5\})$	442368
24	$\mathcal{O}(1; \{24, 8, 6^4, 4, 3, 2^3\})$	101376
24	$\mathcal{O}(1; \{24, 8, 6^4, 4^3, 3\})$	405504
24	$\mathcal{O}(1; \{24, 8, 6^5, 4, 3^2\})$	396288
24	$\mathcal{O}(1; \{24, 8, 6^6, 4, 2\})$	193536
24	$\mathcal{O}(1; \{24, 8^3, 3^3, 2^5\})$	221184
24	$\mathcal{O}(1; \{24, 8^3, 3^6, 2\})$	1548288
24	$\mathcal{O}(1; \{24, 8^3, 4^2, 3^3, 2^2\})$	884736
24	$\mathcal{O}(1; \{24, 8^3, 6, 3, 2^6\})$	73728
24	$\mathcal{O}(1; \{24, 8^3, 6, 3^4, 2^2\})$	811008
24	$\mathcal{O}(1; \{24, 8^3, 6, 4^2, 3, 2^3\})$	294912
24	$\mathcal{O}(1; \{24, 8^3, 6, 4^4, 3\})$	1179648
24	$\mathcal{O}(1; \{24, 8^3, 6^2, 3^2, 2^3\})$	368640
24	$\mathcal{O}(1; \{24, 8^3, 6^2, 4^2, 3^2\})$	1474560
24	$\mathcal{O}(1; \{24, 8^3, 6^3, 2^4\})$	221184
24	$\mathcal{O}(1; \{24, 8^3, 6^3, 3^3\})$	1548288
24	$\mathcal{O}(1; \{24, 8^3, 6^3, 4^2, 2\})$	884736
24	$\mathcal{O}(1; \{24, 8^3, 6^4, 3, 2\})$	811008
24	$\mathcal{O}(1; \{24, 8^5, 4, 3^3\})$	7077888
24	$\mathcal{O}(1; \{24, 8^5, 6, 4, 3, 2\})$	2359296
24	$\mathcal{O}(1; \{24, 12, 8, 3^2, 2^8\})$	27648
24	$\mathcal{O}(1; \{24, 12, 8, 3^5, 2^4\})$	193536
24	$\mathcal{O}(1; \{24, 12, 8, 3^8\})$	1575936
24	$\mathcal{O}(1; \{24, 12, 8, 4^2, 3^2, 2^5\})$	110592
24	$\mathcal{O}(1; \{24, 12, 8, 4^2, 3^5, 2\})$	774144
24	$\mathcal{O}(1; \{24, 12, 8, 4^4, 3^2, 2^2\})$	442368
24	$\mathcal{O}(1; \{24, 12, 8, 6, 2^9\})$	9216
24	$\mathcal{O}(1; \{24, 12, 8, 6, 3^3, 2^5\})$	101376
24	$\mathcal{O}(1; \{24, 12, 8, 6, 3^6, 2\})$	783360
24	$\mathcal{O}(1; \{24, 12, 8, 6, 4^2, 2^6\})$	36864
24	$\mathcal{O}(1; \{24, 12, 8, 6, 4^2, 3^3, 2^2\})$	405504
24	$\mathcal{O}(1; \{24, 12, 8, 6, 4^4, 2^3\})$	147456
24	$\mathcal{O}(1; \{24, 12, 8, 6, 4^6\})$	589824
24	$\mathcal{O}(1; \{24, 12, 8, 6^2, 3, 2^6\})$	46080
24	$\mathcal{O}(1; \{24, 12, 8, 6^2, 3^4, 2^2\})$	396288
24	$\mathcal{O}(1; \{24, 12, 8, 6^2, 4^2, 3, 2^3\})$	184320
24	$\mathcal{O}(1; \{24, 12, 8, 6^2, 4^4, 3\})$	737280
24	$\mathcal{O}(1; \{24, 12, 8, 6^3, 3^2, 2^3\})$	193536
24	$\mathcal{O}(1; \{24, 12, 8, 6^3, 4^2, 3^2\})$	774144

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24, 12, 8, 6^4, 2^4\})$	101376
24	$\mathcal{O}(1; \{24, 12, 8, 6^4, 3^3\})$	783360
24	$\mathcal{O}(1; \{24, 12, 8, 6^4, 4^2, 2\})$	405504
24	$\mathcal{O}(1; \{24, 12, 8, 6^5, 3, 2\})$	396288
24	$\mathcal{O}(1; \{24, 12, 8^3, 4, 3^2, 2^3\})$	884736
24	$\mathcal{O}(1; \{24, 12, 8^3, 4^3, 3^2\})$	3538944
24	$\mathcal{O}(1; \{24, 12, 8^3, 6, 4, 2^4\})$	294912
24	$\mathcal{O}(1; \{24, 12, 8^3, 6, 4, 3^3\})$	3244032
24	$\mathcal{O}(1; \{24, 12, 8^3, 6, 4^3, 2\})$	1179648
24	$\mathcal{O}(1; \{24, 12, 8^3, 6^2, 4, 3, 2\})$	1474560
24	$\mathcal{O}(1; \{24, 12, 8^5, 3^2, 2\})$	7077888
24	$\mathcal{O}(1; \{24, 12, 8^5, 6, 2^2\})$	2359296
24	$\mathcal{O}(1; \{24, 12^2, 8, 4, 3, 2^6\})$	110592
24	$\mathcal{O}(1; \{24, 12^2, 8, 4, 3^4, 2^2\})$	774144
24	$\mathcal{O}(1; \{24, 12^2, 8, 4^3, 3, 2^3\})$	442368
24	$\mathcal{O}(1; \{24, 12^2, 8, 4^5, 3\})$	1769472
24	$\mathcal{O}(1; \{24, 12^2, 8, 6, 4, 3^2, 2^3\})$	405504
24	$\mathcal{O}(1; \{24, 12^2, 8, 6, 4^3, 3^2\})$	1622016
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^2, 4, 2^4\})$	184320
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^2, 4, 3^3\})$	1585152
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^2, 4^3, 2\})$	737280
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^3, 4, 3, 2\})$	774144
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 3, 2^4\})$	884736
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 3^4\})$	6193152
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 4^2, 3, 2\})$	3538944
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 6, 3^2, 2\})$	3244032
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 6^2, 2^2\})$	1474560
24	$\mathcal{O}(1; \{24, 12^3, 8, 2^7\})$	110592
24	$\mathcal{O}(1; \{24, 12^3, 8, 3^3, 2^3\})$	774144
24	$\mathcal{O}(1; \{24, 12^3, 8, 4^2, 2^4\})$	442368
24	$\mathcal{O}(1; \{24, 12^3, 8, 4^2, 3^3\})$	3096576
24	$\mathcal{O}(1; \{24, 12^3, 8, 4^4, 2\})$	1769472
24	$\mathcal{O}(1; \{24, 12^3, 8, 6, 3, 2^4\})$	405504
24	$\mathcal{O}(1; \{24, 12^3, 8, 6, 3^4\})$	3133440
24	$\mathcal{O}(1; \{24, 12^3, 8, 6, 4^2, 3, 2\})$	1622016
24	$\mathcal{O}(1; \{24, 12^3, 8, 6^2, 3^2, 2\})$	1585152
24	$\mathcal{O}(1; \{24, 12^3, 8, 6^3, 2^2\})$	774144
24	$\mathcal{O}(1; \{24, 12^3, 8^3, 4, 2^2\})$	3538944
24	$\mathcal{O}(1; \{24, 12^3, 8^5\})$	28311552
24	$\mathcal{O}(1; \{24, 12^4, 8, 4, 3^2, 2\})$	3096576
24	$\mathcal{O}(1; \{24, 12^4, 8, 6, 4, 2^2\})$	1622016
24	$\mathcal{O}(1; \{24, 12^4, 8^3, 6\})$	12976128
24	$\mathcal{O}(1; \{24, 12^5, 8, 3, 2^2\})$	3096576

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24, 12^5, 8, 6^2\})$	6340608
24	$\mathcal{O}(1; \{24, 12^6, 8, 4\})$	12386304
24	$\mathcal{O}(1; \{24^2, 3, 2^{11}\})$	4608
24	$\mathcal{O}(1; \{24^2, 3^4, 2^7\})$	50688
24	$\mathcal{O}(1; \{24^2, 3^7, 2^3\})$	391680
24	$\mathcal{O}(1; \{24^2, 4^2, 3, 2^8\})$	18432
24	$\mathcal{O}(1; \{24^2, 4^2, 3^4, 2^4\})$	202752
24	$\mathcal{O}(1; \{24^2, 4^2, 3^7\})$	1566720
24	$\mathcal{O}(1; \{24^2, 4^4, 3, 2^5\})$	73728
24	$\mathcal{O}(1; \{24^2, 4^4, 3^4, 2\})$	811008
24	$\mathcal{O}(1; \{24^2, 4^6, 3, 2^2\})$	294912
24	$\mathcal{O}(1; \{24^2, 6, 3^2, 2^8\})$	23040
24	$\mathcal{O}(1; \{24^2, 6, 3^5, 2^4\})$	198144
24	$\mathcal{O}(1; \{24^2, 6, 3^8\})$	1571328
24	$\mathcal{O}(1; \{24^2, 6, 4^2, 3^2, 2^5\})$	92160
24	$\mathcal{O}(1; \{24^2, 6, 4^2, 3^5, 2\})$	792576
24	$\mathcal{O}(1; \{24^2, 6, 4^4, 3^2, 2^2\})$	368640
24	$\mathcal{O}(1; \{24^2, 6^2, 2^9\})$	13824
24	$\mathcal{O}(1; \{24^2, 6^2, 3^3, 2^5\})$	96768
24	$\mathcal{O}(1; \{24^2, 6^2, 3^6, 2\})$	787968
24	$\mathcal{O}(1; \{24^2, 6^2, 4^2, 2^6\})$	55296
24	$\mathcal{O}(1; \{24^2, 6^2, 4^2, 3^3, 2^2\})$	387072
24	$\mathcal{O}(1; \{24^2, 6^2, 4^4, 2^3\})$	221184
24	$\mathcal{O}(1; \{24^2, 6^2, 4^6\})$	884736
24	$\mathcal{O}(1; \{24^2, 6^3, 3, 2^6\})$	50688
24	$\mathcal{O}(1; \{24^2, 6^3, 3^4, 2^2\})$	391680
24	$\mathcal{O}(1; \{24^2, 6^3, 4^2, 3, 2^3\})$	202752
24	$\mathcal{O}(1; \{24^2, 6^3, 4^4, 3\})$	811008
24	$\mathcal{O}(1; \{24^2, 6^4, 3^2, 2^3\})$	198144
24	$\mathcal{O}(1; \{24^2, 6^4, 4^2, 3^2\})$	792576
24	$\mathcal{O}(1; \{24^2, 6^5, 2^4\})$	96768
24	$\mathcal{O}(1; \{24^2, 6^5, 3^3\})$	787968
24	$\mathcal{O}(1; \{24^2, 6^5, 4^2, 2\})$	387072
24	$\mathcal{O}(1; \{24^2, 6^6, 3, 2\})$	391680
24	$\mathcal{O}(1; \{24^2, 8^2, 4, 3, 2^6\})$	147456
24	$\mathcal{O}(1; \{24^2, 8^2, 4, 3^4, 2^2\})$	1622016
24	$\mathcal{O}(1; \{24^2, 8^2, 4^3, 3, 2^3\})$	589824
24	$\mathcal{O}(1; \{24^2, 8^2, 4^5, 3\})$	2359296
24	$\mathcal{O}(1; \{24^2, 8^2, 6, 4, 3^2, 2^3\})$	737280
24	$\mathcal{O}(1; \{24^2, 8^2, 6, 4^3, 3^2\})$	2949120
24	$\mathcal{O}(1; \{24^2, 8^2, 6^2, 4, 2^4\})$	442368
24	$\mathcal{O}(1; \{24^2, 8^2, 6^2, 4, 3^3\})$	3096576
24	$\mathcal{O}(1; \{24^2, 8^2, 6^2, 4^3, 2\})$	1769472

Continued on next page

Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^2, 8^2, 6^3, 4, 3, 2\})$	1622016
24	$\mathcal{O}(1; \{24^2, 8^4, 3, 2^4\})$	1179648
24	$\mathcal{O}(1; \{24^2, 8^4, 3^4\})$	12976128
24	$\mathcal{O}(1; \{24^2, 8^4, 4^2, 3, 2\})$	4718592
24	$\mathcal{O}(1; \{24^2, 8^4, 6, 3^2, 2\})$	5898240
24	$\mathcal{O}(1; \{24^2, 8^4, 6^2, 2^2\})$	3538944
24	$\mathcal{O}(1; \{24^2, 12, 4, 2^9\})$	18432
24	$\mathcal{O}(1; \{24^2, 12, 4, 3^3, 2^5\})$	202752
24	$\mathcal{O}(1; \{24^2, 12, 4, 3^6, 2\})$	1566720
24	$\mathcal{O}(1; \{24^2, 12, 4^3, 2^6\})$	73728
24	$\mathcal{O}(1; \{24^2, 12, 4^3, 3^3, 2^2\})$	811008
24	$\mathcal{O}(1; \{24^2, 12, 4^5, 2^3\})$	294912
24	$\mathcal{O}(1; \{24^2, 12, 4^7\})$	1179648
24	$\mathcal{O}(1; \{24^2, 12, 6, 4, 3, 2^6\})$	92160
24	$\mathcal{O}(1; \{24^2, 12, 6, 4, 3^4, 2^2\})$	792576
24	$\mathcal{O}(1; \{24^2, 12, 6, 4^3, 3, 2^3\})$	368640
24	$\mathcal{O}(1; \{24^2, 12, 6, 4^5, 3\})$	1474560
24	$\mathcal{O}(1; \{24^2, 12, 6^2, 4, 3^2, 2^3\})$	387072
24	$\mathcal{O}(1; \{24^2, 12, 6^2, 4^3, 3^2\})$	1548288
24	$\mathcal{O}(1; \{24^2, 12, 6^3, 4, 2^4\})$	202752
24	$\mathcal{O}(1; \{24^2, 12, 6^3, 4, 3^3\})$	1566720
24	$\mathcal{O}(1; \{24^2, 12, 6^3, 4^3, 2\})$	811008
24	$\mathcal{O}(1; \{24^2, 12, 6^4, 4, 3, 2\})$	792576
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 2^7\})$	147456
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 3^3, 2^3\})$	1622016
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 4^2, 2^4\})$	589824
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 4^2, 3^3\})$	6488064
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 4^4, 2\})$	2359296
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6, 3, 2^4\})$	737280
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6, 3^4\})$	6340608
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6, 4^2, 3, 2\})$	2949120
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6^2, 3^2, 2\})$	3096576
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6^3, 2^2\})$	1622016
24	$\mathcal{O}(1; \{24^2, 12, 8^4, 4, 2^2\})$	4718592
24	$\mathcal{O}(1; \{24^2, 12, 8^6\})$	37748736
24	$\mathcal{O}(1; \{24^2, 12^2, 3^2, 2^6\})$	202752
24	$\mathcal{O}(1; \{24^2, 12^2, 3^5, 2^2\})$	1566720
24	$\mathcal{O}(1; \{24^2, 12^2, 4^2, 3^2, 2^3\})$	811008
24	$\mathcal{O}(1; \{24^2, 12^2, 4^4, 3^2\})$	3244032
24	$\mathcal{O}(1; \{24^2, 12^2, 6, 2^7\})$	92160
24	$\mathcal{O}(1; \{24^2, 12^2, 6, 3^3, 2^3\})$	792576
24	$\mathcal{O}(1; \{24^2, 12^2, 6, 4^2, 2^4\})$	368640
24	$\mathcal{O}(1; \{24^2, 12^2, 6, 4^2, 3^3\})$	3170304

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^2, 12^2, 6, 4^4, 2\})$	1474560
24	$\mathcal{O}(1; \{24^2, 12^2, 6^2, 3, 2^4\})$	387072
24	$\mathcal{O}(1; \{24^2, 12^2, 6^2, 3^4\})$	3151872
24	$\mathcal{O}(1; \{24^2, 12^2, 6^2, 4^2, 3, 2\})$	1548288
24	$\mathcal{O}(1; \{24^2, 12^2, 6^3, 3^2, 2\})$	1566720
24	$\mathcal{O}(1; \{24^2, 12^2, 6^4, 2^2\})$	792576
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 4, 3^2, 2\})$	6488064
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 6, 4, 2^2\})$	2949120
24	$\mathcal{O}(1; \{24^2, 12^2, 8^4, 6\})$	23592960
24	$\mathcal{O}(1; \{24^2, 12^3, 4, 3, 2^4\})$	811008
24	$\mathcal{O}(1; \{24^2, 12^3, 4, 3^4\})$	6266880
24	$\mathcal{O}(1; \{24^2, 12^3, 4^3, 3, 2\})$	3244032
24	$\mathcal{O}(1; \{24^2, 12^3, 6, 4, 3^2, 2\})$	3170304
24	$\mathcal{O}(1; \{24^2, 12^3, 6^2, 4, 2^2\})$	1548288
24	$\mathcal{O}(1; \{24^2, 12^3, 8^2, 3, 2^2\})$	6488064
24	$\mathcal{O}(1; \{24^2, 12^3, 8^2, 6^2\})$	12386304
24	$\mathcal{O}(1; \{24^2, 12^4, 2^5\})$	811008
24	$\mathcal{O}(1; \{24^2, 12^4, 3^3, 2\})$	6266880
24	$\mathcal{O}(1; \{24^2, 12^4, 4^2, 2^2\})$	3244032
24	$\mathcal{O}(1; \{24^2, 12^4, 6, 3, 2^2\})$	3170304
24	$\mathcal{O}(1; \{24^2, 12^4, 6^3\})$	6266880
24	$\mathcal{O}(1; \{24^2, 12^4, 8^2, 4\})$	25952256
24	$\mathcal{O}(1; \{24^2, 12^5, 6, 4\})$	12681216
24	$\mathcal{O}(1; \{24^2, 12^6, 3\})$	25067520
24	$\mathcal{O}(1; \{24^3, 8, 3^2, 2^6\})$	368640
24	$\mathcal{O}(1; \{24^3, 8, 3^5, 2^2\})$	3170304
24	$\mathcal{O}(1; \{24^3, 8, 4^2, 3^2, 2^3\})$	1474560
24	$\mathcal{O}(1; \{24^3, 8, 4^4, 3^2\})$	5898240
24	$\mathcal{O}(1; \{24^3, 8, 6, 2^7\})$	221184
24	$\mathcal{O}(1; \{24^3, 8, 6, 3^3, 2^3\})$	1548288
24	$\mathcal{O}(1; \{24^3, 8, 6, 4^2, 2^4\})$	884736
24	$\mathcal{O}(1; \{24^3, 8, 6, 4^2, 3^3\})$	6193152
24	$\mathcal{O}(1; \{24^3, 8, 6, 4^4, 2\})$	3538944
24	$\mathcal{O}(1; \{24^3, 8, 6^2, 3, 2^4\})$	811008
24	$\mathcal{O}(1; \{24^3, 8, 6^2, 3^4\})$	6266880
24	$\mathcal{O}(1; \{24^3, 8, 6^2, 4^2, 3, 2\})$	3244032
24	$\mathcal{O}(1; \{24^3, 8, 6^3, 3^2, 2\})$	3170304
24	$\mathcal{O}(1; \{24^3, 8, 6^4, 2^2\})$	1548288
24	$\mathcal{O}(1; \{24^3, 8^3, 4, 3^2, 2\})$	11796480
24	$\mathcal{O}(1; \{24^3, 8^3, 6, 4, 2^2\})$	7077888
24	$\mathcal{O}(1; \{24^3, 8^5, 6\})$	56623104
24	$\mathcal{O}(1; \{24^3, 12, 8, 4, 3, 2^4\})$	1474560
24	$\mathcal{O}(1; \{24^3, 12, 8, 4, 3^4\})$	12681216

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^3, 12, 8, 4^3, 3, 2\})$	5898240
24	$\mathcal{O}(1; \{24^3, 12, 8, 6, 4, 3^2, 2\})$	6193152
24	$\mathcal{O}(1; \{24^3, 12, 8, 6^2, 4, 2^2\})$	3244032
24	$\mathcal{O}(1; \{24^3, 12, 8^3, 3, 2^2\})$	11796480
24	$\mathcal{O}(1; \{24^3, 12, 8^3, 6^2\})$	25952256
24	$\mathcal{O}(1; \{24^3, 12^2, 8, 2^5\})$	1474560
24	$\mathcal{O}(1; \{24^3, 12^2, 8, 3^3, 2\})$	12681216
24	$\mathcal{O}(1; \{24^3, 12^2, 8, 4^2, 2^2\})$	5898240
24	$\mathcal{O}(1; \{24^3, 12^2, 8, 6, 3, 2^2\})$	6193152
24	$\mathcal{O}(1; \{24^3, 12^2, 8, 6^3\})$	12681216
24	$\mathcal{O}(1; \{24^3, 12^2, 8^3, 4\})$	47185920
24	$\mathcal{O}(1; \{24^3, 12^3, 8, 6, 4\})$	24772608
24	$\mathcal{O}(1; \{24^3, 12^4, 8, 3\})$	50724864
24	$\mathcal{O}(1; \{24^4, 4, 2^7\})$	442368
24	$\mathcal{O}(1; \{24^4, 4, 3^3, 2^3\})$	3096576
24	$\mathcal{O}(1; \{24^4, 4^3, 2^4\})$	1769472
24	$\mathcal{O}(1; \{24^4, 4^3, 3^3\})$	12386304
24	$\mathcal{O}(1; \{24^4, 4^5, 2\})$	7077888
24	$\mathcal{O}(1; \{24^4, 6, 4, 3, 2^4\})$	1622016
24	$\mathcal{O}(1; \{24^4, 6, 4, 3^4\})$	12533760
24	$\mathcal{O}(1; \{24^4, 6, 4^3, 3, 2\})$	6488064
24	$\mathcal{O}(1; \{24^4, 6^2, 4, 3^2, 2\})$	6340608
24	$\mathcal{O}(1; \{24^4, 6^3, 4, 2^2\})$	3096576
24	$\mathcal{O}(1; \{24^4, 8^2, 2^5\})$	3538944
24	$\mathcal{O}(1; \{24^4, 8^2, 3^3, 2\})$	24772608
24	$\mathcal{O}(1; \{24^4, 8^2, 4^2, 2^2\})$	14155776
24	$\mathcal{O}(1; \{24^4, 8^2, 6, 3, 2^2\})$	12976128
24	$\mathcal{O}(1; \{24^4, 8^2, 6^3\})$	24772608
24	$\mathcal{O}(1; \{24^4, 8^4, 4\})$	113246208
24	$\mathcal{O}(1; \{24^4, 12, 3^2, 2^4\})$	3096576
24	$\mathcal{O}(1; \{24^4, 12, 3^5\})$	25214976
24	$\mathcal{O}(1; \{24^4, 12, 4^2, 3^2, 2\})$	12386304
24	$\mathcal{O}(1; \{24^4, 12, 6, 2^5\})$	1622016
24	$\mathcal{O}(1; \{24^4, 12, 6, 3^3, 2\})$	12533760
24	$\mathcal{O}(1; \{24^4, 12, 6, 4^2, 2^2\})$	6488064
24	$\mathcal{O}(1; \{24^4, 12, 6^2, 3, 2^2\})$	6340608
24	$\mathcal{O}(1; \{24^4, 12, 6^4\})$	12533760
24	$\mathcal{O}(1; \{24^4, 12, 8^2, 6, 4\})$	51904512
24	$\mathcal{O}(1; \{24^4, 12^2, 4, 3, 2^2\})$	12386304
24	$\mathcal{O}(1; \{24^4, 12^2, 6^2, 4\})$	25362432
24	$\mathcal{O}(1; \{24^4, 12^2, 8^2, 3\})$	99090432
24	$\mathcal{O}(1; \{24^4, 12^3, 2^3\})$	12386304
24	$\mathcal{O}(1; \{24^4, 12^3, 4^2\})$	49545216

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^4, 12^3, 6, 3\})$	50135040
24	$\mathcal{O}(1; \{24^5, 8, 4, 3, 2^2\})$	25952256
24	$\mathcal{O}(1; \{24^5, 8, 6^2, 4\})$	49545216
24	$\mathcal{O}(1; \{24^5, 8^3, 3\})$	207618048
24	$\mathcal{O}(1; \{24^5, 12, 8, 2^3\})$	25952256
24	$\mathcal{O}(1; \{24^5, 12, 8, 4^2\})$	103809024
24	$\mathcal{O}(1; \{24^5, 12, 8, 6, 3\})$	101449728
24	$\mathcal{O}(1; \{24^6, 3^2, 2^2\})$	50724864
24	$\mathcal{O}(1; \{24^6, 6, 2^3\})$	24772608
24	$\mathcal{O}(1; \{24^6, 6, 4^2\})$	99090432
24	$\mathcal{O}(1; \{24^6, 6^2, 3\})$	100270080
24	$\mathcal{O}(1; \{24^6, 12, 4, 3\})$	202899456
24	$\mathcal{O}(1; \{24^6, 12^2, 2\})$	202899456
24	$\mathcal{O}(1; \{24^7, 8, 2\})$	396361728
24	$\mathcal{O}(0; \{8^2, 3^2, 2^{14}\})$	8
24	$\mathcal{O}(0; \{8^2, 3^5, 2^{10}\})$	40
24	$\mathcal{O}(0; \{8^2, 3^8, 2^6\})$	344
24	$\mathcal{O}(0; \{8^2, 3^{11}, 2^2\})$	2728
24	$\mathcal{O}(0; \{8^2, 4^2, 3^2, 2^{11}\})$	32
24	$\mathcal{O}(0; \{8^2, 4^2, 3^5, 2^7\})$	160
24	$\mathcal{O}(0; \{8^2, 4^2, 3^8, 2^3\})$	1376
24	$\mathcal{O}(0; \{8^2, 4^4, 3^2, 2^8\})$	128
24	$\mathcal{O}(0; \{8^2, 4^4, 3^5, 2^4\})$	640
24	$\mathcal{O}(0; \{8^2, 4^4, 3^8\})$	5504
24	$\mathcal{O}(0; \{8^2, 4^6, 3^2, 2^5\})$	512
24	$\mathcal{O}(0; \{8^2, 4^6, 3^5, 2\})$	2560
24	$\mathcal{O}(0; \{8^2, 4^8, 3^2, 2^2\})$	2048
24	$\mathcal{O}(0; \{8^2, 6, 3^3, 2^{11}\})$	24
24	$\mathcal{O}(0; \{8^2, 6, 3^6, 2^7\})$	168
24	$\mathcal{O}(0; \{8^2, 6, 3^9, 2^3\})$	1368
24	$\mathcal{O}(0; \{8^2, 6, 4^2, 3^3, 2^8\})$	96
24	$\mathcal{O}(0; \{8^2, 6, 4^2, 3^6, 2^4\})$	672
24	$\mathcal{O}(0; \{8^2, 6, 4^2, 3^9\})$	5472
24	$\mathcal{O}(0; \{8^2, 6, 4^4, 3^3, 2^5\})$	384
24	$\mathcal{O}(0; \{8^2, 6, 4^4, 3^6, 2\})$	2688
24	$\mathcal{O}(0; \{8^2, 6, 4^6, 3^3, 2^2\})$	1536
24	$\mathcal{O}(0; \{8^2, 6^2, 3, 2^{12}\})$	8
24	$\mathcal{O}(0; \{8^2, 6^2, 3^4, 2^8\})$	88
24	$\mathcal{O}(0; \{8^2, 6^2, 3^7, 2^4\})$	680
24	$\mathcal{O}(0; \{8^2, 6^2, 3^{10}\})$	5464
24	$\mathcal{O}(0; \{8^2, 6^2, 4^2, 3, 2^9\})$	32
24	$\mathcal{O}(0; \{8^2, 6^2, 4^2, 3^4, 2^5\})$	352
24	$\mathcal{O}(0; \{8^2, 6^2, 4^2, 3^7, 2\})$	2720

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{8^2, 6^2, 4^4, 3, 2^6\})$	128
24	$\mathcal{O}(0; \{8^2, 6^2, 4^4, 3^4, 2^2\})$	1408
24	$\mathcal{O}(0; \{8^2, 6^2, 4^6, 3, 2^3\})$	512
24	$\mathcal{O}(0; \{8^2, 6^2, 4^8, 3\})$	2048
24	$\mathcal{O}(0; \{8^2, 6^3, 3^2, 2^9\})$	40
24	$\mathcal{O}(0; \{8^2, 6^3, 3^5, 2^5\})$	344
24	$\mathcal{O}(0; \{8^2, 6^3, 3^8, 2\})$	2728
24	$\mathcal{O}(0; \{8^2, 6^3, 4^2, 3^2, 2^6\})$	160
24	$\mathcal{O}(0; \{8^2, 6^3, 4^2, 3^5, 2^2\})$	1376
24	$\mathcal{O}(0; \{8^2, 6^3, 4^4, 3^2, 2^3\})$	640
24	$\mathcal{O}(0; \{8^2, 6^3, 4^6, 3^2\})$	2560
24	$\mathcal{O}(0; \{8^2, 6^4, 2^{10}\})$	24
24	$\mathcal{O}(0; \{8^2, 6^4, 3^3, 2^6\})$	168
24	$\mathcal{O}(0; \{8^2, 6^4, 3^6, 2^2\})$	1368
24	$\mathcal{O}(0; \{8^2, 6^4, 4^2, 2^7\})$	96
24	$\mathcal{O}(0; \{8^2, 6^4, 4^2, 3^3, 2^3\})$	672
24	$\mathcal{O}(0; \{8^2, 6^4, 4^4, 2^4\})$	384
24	$\mathcal{O}(0; \{8^2, 6^4, 4^4, 3^3\})$	2688
24	$\mathcal{O}(0; \{8^2, 6^4, 4^6, 2\})$	1536
24	$\mathcal{O}(0; \{8^2, 6^5, 3, 2^7\})$	88
24	$\mathcal{O}(0; \{8^2, 6^5, 3^4, 2^3\})$	680
24	$\mathcal{O}(0; \{8^2, 6^5, 4^2, 3, 2^4\})$	352
24	$\mathcal{O}(0; \{8^2, 6^5, 4^2, 3^4\})$	2720
24	$\mathcal{O}(0; \{8^2, 6^5, 4^4, 3, 2\})$	1408
24	$\mathcal{O}(0; \{8^2, 6^6, 3^2, 2^4\})$	344
24	$\mathcal{O}(0; \{8^2, 6^6, 3^5\})$	2728
24	$\mathcal{O}(0; \{8^2, 6^6, 4^2, 3^2, 2\})$	1376
24	$\mathcal{O}(0; \{8^2, 6^7, 2^5\})$	168
24	$\mathcal{O}(0; \{8^2, 6^7, 3^3, 2\})$	1368
24	$\mathcal{O}(0; \{8^2, 6^7, 4^2, 2^2\})$	672
24	$\mathcal{O}(0; \{8^2, 6^8, 3, 2^2\})$	680
24	$\mathcal{O}(0; \{8^2, 6^{10}\})$	1368
24	$\mathcal{O}(0; \{8^4, 4, 3^2, 2^9\})$	256
24	$\mathcal{O}(0; \{8^4, 4, 3^5, 2^5\})$	1280
24	$\mathcal{O}(0; \{8^4, 4, 3^8, 2\})$	11008
24	$\mathcal{O}(0; \{8^4, 4^3, 3^2, 2^6\})$	1024
24	$\mathcal{O}(0; \{8^4, 4^3, 3^5, 2^2\})$	5120
24	$\mathcal{O}(0; \{8^4, 4^5, 3^2, 2^3\})$	4096
24	$\mathcal{O}(0; \{8^4, 4^7, 3^2\})$	16384
24	$\mathcal{O}(0; \{8^4, 6, 4, 3^3, 2^6\})$	768
24	$\mathcal{O}(0; \{8^4, 6, 4, 3^6, 2^2\})$	5376
24	$\mathcal{O}(0; \{8^4, 6, 4^3, 3^3, 2^3\})$	3072
24	$\mathcal{O}(0; \{8^4, 6, 4^5, 3^3\})$	12288

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{8^4, 6^2, 4, 3, 2^7\})$	256
24	$\mathcal{O}(0; \{8^4, 6^2, 4, 3^4, 2^3\})$	2816
24	$\mathcal{O}(0; \{8^4, 6^2, 4^3, 3, 2^4\})$	1024
24	$\mathcal{O}(0; \{8^4, 6^2, 4^3, 3^4\})$	11264
24	$\mathcal{O}(0; \{8^4, 6^2, 4^5, 3, 2\})$	4096
24	$\mathcal{O}(0; \{8^4, 6^3, 4, 3^2, 2^4\})$	1280
24	$\mathcal{O}(0; \{8^4, 6^3, 4, 3^5\})$	11008
24	$\mathcal{O}(0; \{8^4, 6^3, 4^3, 3^2, 2\})$	5120
24	$\mathcal{O}(0; \{8^4, 6^4, 4, 2^5\})$	768
24	$\mathcal{O}(0; \{8^4, 6^4, 4, 3^3, 2\})$	5376
24	$\mathcal{O}(0; \{8^4, 6^4, 4^3, 2^2\})$	3072
24	$\mathcal{O}(0; \{8^4, 6^5, 4, 3, 2^2\})$	2816
24	$\mathcal{O}(0; \{8^4, 6^7, 4\})$	5376
24	$\mathcal{O}(0; \{8^6, 3^2, 2^7\})$	2048
24	$\mathcal{O}(0; \{8^6, 3^5, 2^3\})$	10240
24	$\mathcal{O}(0; \{8^6, 4^2, 3^2, 2^4\})$	8192
24	$\mathcal{O}(0; \{8^6, 4^2, 3^5\})$	40960
24	$\mathcal{O}(0; \{8^6, 4^4, 3^2, 2\})$	32768
24	$\mathcal{O}(0; \{8^6, 6, 3^3, 2^4\})$	6144
24	$\mathcal{O}(0; \{8^6, 6, 3^6\})$	43008
24	$\mathcal{O}(0; \{8^6, 6, 4^2, 3^3, 2\})$	24576
24	$\mathcal{O}(0; \{8^6, 6^2, 3, 2^5\})$	2048
24	$\mathcal{O}(0; \{8^6, 6^2, 3^4, 2\})$	22528
24	$\mathcal{O}(0; \{8^6, 6^2, 4^2, 3, 2^2\})$	8192
24	$\mathcal{O}(0; \{8^6, 6^3, 3^2, 2^2\})$	10240
24	$\mathcal{O}(0; \{8^6, 6^4, 2^3\})$	6144
24	$\mathcal{O}(0; \{8^6, 6^4, 4^2\})$	24576
24	$\mathcal{O}(0; \{8^6, 6^5, 3\})$	22528
24	$\mathcal{O}(0; \{8^8, 4, 3^2, 2^2\})$	65536
24	$\mathcal{O}(0; \{8^8, 6^2, 4, 3\})$	65536
24	$\mathcal{O}(0; \{8^{10}, 3^2\})$	524288
24	$\mathcal{O}(0; \{12, 8^2, 4, 3, 2^{12}\})$	32
24	$\mathcal{O}(0; \{12, 8^2, 4, 3^4, 2^8\})$	160
24	$\mathcal{O}(0; \{12, 8^2, 4, 3^7, 2^4\})$	1376
24	$\mathcal{O}(0; \{12, 8^2, 4, 3^{10}\})$	10912
24	$\mathcal{O}(0; \{12, 8^2, 4^3, 3, 2^9\})$	128
24	$\mathcal{O}(0; \{12, 8^2, 4^3, 3^4, 2^5\})$	640
24	$\mathcal{O}(0; \{12, 8^2, 4^3, 3^7, 2\})$	5504
24	$\mathcal{O}(0; \{12, 8^2, 4^5, 3, 2^6\})$	512
24	$\mathcal{O}(0; \{12, 8^2, 4^5, 3^4, 2^2\})$	2560
24	$\mathcal{O}(0; \{12, 8^2, 4^7, 3, 2^3\})$	2048
24	$\mathcal{O}(0; \{12, 8^2, 4^9, 3\})$	8192
24	$\mathcal{O}(0; \{12, 8^2, 6, 4, 3^2, 2^9\})$	96

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12, 8^2, 6, 4, 3^5, 2^5\})$	672
24	$\mathcal{O}(0; \{12, 8^2, 6, 4, 3^8, 2\})$	5472
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^3, 3^2, 2^6\})$	384
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^3, 3^5, 2^2\})$	2688
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^5, 3^2, 2^3\})$	1536
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^7, 3^2\})$	6144
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4, 2^{10}\})$	32
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4, 3^3, 2^6\})$	352
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4, 3^6, 2^2\})$	2720
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^3, 2^7\})$	128
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^3, 3^3, 2^3\})$	1408
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^5, 2^4\})$	512
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^5, 3^3\})$	5632
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^7, 2\})$	2048
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4, 3, 2^7\})$	160
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4, 3^4, 2^3\})$	1376
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4^3, 3, 2^4\})$	640
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4^3, 3^4\})$	5504
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4^5, 3, 2\})$	2560
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 4, 3^2, 2^4\})$	672
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 4, 3^5\})$	5472
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 4^3, 3^2, 2\})$	2688
24	$\mathcal{O}(0; \{12, 8^2, 6^5, 4, 2^5\})$	352
24	$\mathcal{O}(0; \{12, 8^2, 6^5, 4, 3^3, 2\})$	2720
24	$\mathcal{O}(0; \{12, 8^2, 6^5, 4^3, 2^2\})$	1408
24	$\mathcal{O}(0; \{12, 8^2, 6^6, 4, 3, 2^2\})$	1376
24	$\mathcal{O}(0; \{12, 8^2, 6^8, 4\})$	2720
24	$\mathcal{O}(0; \{12, 8^4, 3, 2^{10}\})$	256
24	$\mathcal{O}(0; \{12, 8^4, 3^4, 2^6\})$	1280
24	$\mathcal{O}(0; \{12, 8^4, 3^7, 2^2\})$	11008
24	$\mathcal{O}(0; \{12, 8^4, 4^2, 3, 2^7\})$	1024
24	$\mathcal{O}(0; \{12, 8^4, 4^2, 3^4, 2^3\})$	5120
24	$\mathcal{O}(0; \{12, 8^4, 4^4, 3, 2^4\})$	4096
24	$\mathcal{O}(0; \{12, 8^4, 4^4, 3^4\})$	20480
24	$\mathcal{O}(0; \{12, 8^4, 4^6, 3, 2\})$	16384
24	$\mathcal{O}(0; \{12, 8^4, 6, 3^2, 2^7\})$	768
24	$\mathcal{O}(0; \{12, 8^4, 6, 3^5, 2^3\})$	5376
24	$\mathcal{O}(0; \{12, 8^4, 6, 4^2, 3^2, 2^4\})$	3072
24	$\mathcal{O}(0; \{12, 8^4, 6, 4^2, 3^5\})$	21504
24	$\mathcal{O}(0; \{12, 8^4, 6, 4^4, 3^2, 2\})$	12288
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 2^8\})$	256
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 3^3, 2^4\})$	2816
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 3^6\})$	21760

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 4^2, 2^5\})$	1024
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 4^2, 3^3, 2\})$	11264
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 4^4, 2^2\})$	4096
24	$\mathcal{O}(0; \{12, 8^4, 6^3, 3, 2^5\})$	1280
24	$\mathcal{O}(0; \{12, 8^4, 6^3, 3^4, 2\})$	11008
24	$\mathcal{O}(0; \{12, 8^4, 6^3, 4^2, 3, 2^2\})$	5120
24	$\mathcal{O}(0; \{12, 8^4, 6^4, 3^2, 2^2\})$	5376
24	$\mathcal{O}(0; \{12, 8^4, 6^5, 2^3\})$	2816
24	$\mathcal{O}(0; \{12, 8^4, 6^5, 4^2\})$	11264
24	$\mathcal{O}(0; \{12, 8^4, 6^6, 3\})$	11008
24	$\mathcal{O}(0; \{12, 8^6, 4, 3, 2^5\})$	8192
24	$\mathcal{O}(0; \{12, 8^6, 4, 3^4, 2\})$	40960
24	$\mathcal{O}(0; \{12, 8^6, 4^3, 3, 2^2\})$	32768
24	$\mathcal{O}(0; \{12, 8^6, 6, 4, 3^2, 2^2\})$	24576
24	$\mathcal{O}(0; \{12, 8^6, 6^2, 4, 2^3\})$	8192
24	$\mathcal{O}(0; \{12, 8^6, 6^2, 4^3\})$	32768
24	$\mathcal{O}(0; \{12, 8^6, 6^3, 4, 3\})$	40960
24	$\mathcal{O}(0; \{12, 8^8, 3, 2^3\})$	65536
24	$\mathcal{O}(0; \{12, 8^8, 4^2, 3\})$	262144
24	$\mathcal{O}(0; \{12, 8^8, 6, 3^2\})$	196608
24	$\mathcal{O}(0; \{12, 8^8, 6^2, 2\})$	65536
24	$\mathcal{O}(0; \{12^2, 8^2, 2^{13}\})$	32
24	$\mathcal{O}(0; \{12^2, 8^2, 3^3, 2^9\})$	160
24	$\mathcal{O}(0; \{12^2, 8^2, 3^6, 2^5\})$	1376
24	$\mathcal{O}(0; \{12^2, 8^2, 3^9, 2\})$	10912
24	$\mathcal{O}(0; \{12^2, 8^2, 4^2, 2^{10}\})$	128
24	$\mathcal{O}(0; \{12^2, 8^2, 4^2, 3^3, 2^6\})$	640
24	$\mathcal{O}(0; \{12^2, 8^2, 4^2, 3^6, 2^2\})$	5504
24	$\mathcal{O}(0; \{12^2, 8^2, 4^4, 2^7\})$	512
24	$\mathcal{O}(0; \{12^2, 8^2, 4^4, 3^3, 2^3\})$	2560
24	$\mathcal{O}(0; \{12^2, 8^2, 4^6, 2^4\})$	2048
24	$\mathcal{O}(0; \{12^2, 8^2, 4^6, 3^3\})$	10240
24	$\mathcal{O}(0; \{12^2, 8^2, 4^8, 2\})$	8192
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 3, 2^{10}\})$	96
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 3^4, 2^6\})$	672
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 3^7, 2^2\})$	5472
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^2, 3, 2^7\})$	384
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^2, 3^4, 2^3\})$	2688
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^4, 3, 2^4\})$	1536
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^4, 3^4\})$	10752
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^6, 3, 2\})$	6144
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 3^2, 2^7\})$	352
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 3^5, 2^3\})$	2720

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4^2, 3^2, 2^4\})$	1408
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4^2, 3^5\})$	10880
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4^4, 3^2, 2\})$	5632
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 2^8\})$	160
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 3^3, 2^4\})$	1376
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 3^6\})$	10912
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 4^2, 2^5\})$	640
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 4^2, 3^3, 2\})$	5504
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 4^4, 2^2\})$	2560
24	$\mathcal{O}(0; \{12^2, 8^2, 6^4, 3, 2^5\})$	672
24	$\mathcal{O}(0; \{12^2, 8^2, 6^4, 3^4, 2\})$	5472
24	$\mathcal{O}(0; \{12^2, 8^2, 6^4, 4^2, 3, 2^2\})$	2688
24	$\mathcal{O}(0; \{12^2, 8^2, 6^5, 3^2, 2^2\})$	2720
24	$\mathcal{O}(0; \{12^2, 8^2, 6^6, 2^3\})$	1376
24	$\mathcal{O}(0; \{12^2, 8^2, 6^6, 4^2\})$	5504
24	$\mathcal{O}(0; \{12^2, 8^2, 6^7, 3\})$	5472
24	$\mathcal{O}(0; \{12^2, 8^4, 4, 2^8\})$	1024
24	$\mathcal{O}(0; \{12^2, 8^4, 4, 3^3, 2^4\})$	5120
24	$\mathcal{O}(0; \{12^2, 8^4, 4, 3^6\})$	44032
24	$\mathcal{O}(0; \{12^2, 8^4, 4^3, 2^5\})$	4096
24	$\mathcal{O}(0; \{12^2, 8^4, 4^3, 3^3, 2\})$	20480
24	$\mathcal{O}(0; \{12^2, 8^4, 4^5, 2^2\})$	16384
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 4, 3, 2^5\})$	3072
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 4, 3^4, 2\})$	21504
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 4^3, 3, 2^2\})$	12288
24	$\mathcal{O}(0; \{12^2, 8^4, 6^2, 4, 3^2, 2^2\})$	11264
24	$\mathcal{O}(0; \{12^2, 8^4, 6^3, 4, 2^3\})$	5120
24	$\mathcal{O}(0; \{12^2, 8^4, 6^3, 4^3\})$	20480
24	$\mathcal{O}(0; \{12^2, 8^4, 6^4, 4, 3\})$	21504
24	$\mathcal{O}(0; \{12^2, 8^6, 2^6\})$	8192
24	$\mathcal{O}(0; \{12^2, 8^6, 3^3, 2^2\})$	40960
24	$\mathcal{O}(0; \{12^2, 8^6, 4^2, 2^3\})$	32768
24	$\mathcal{O}(0; \{12^2, 8^6, 4^4\})$	131072
24	$\mathcal{O}(0; \{12^2, 8^6, 6, 3, 2^3\})$	24576
24	$\mathcal{O}(0; \{12^2, 8^6, 6, 4^2, 3\})$	98304
24	$\mathcal{O}(0; \{12^2, 8^6, 6^2, 3^2\})$	90112
24	$\mathcal{O}(0; \{12^2, 8^6, 6^3, 2\})$	40960
24	$\mathcal{O}(0; \{12^2, 8^8, 4, 2\})$	262144
24	$\mathcal{O}(0; \{12^3, 8^2, 4, 3^2, 2^7\})$	640
24	$\mathcal{O}(0; \{12^3, 8^2, 4, 3^5, 2^3\})$	5504
24	$\mathcal{O}(0; \{12^3, 8^2, 4^3, 3^2, 2^4\})$	2560
24	$\mathcal{O}(0; \{12^3, 8^2, 4^3, 3^5\})$	22016
24	$\mathcal{O}(0; \{12^3, 8^2, 4^5, 3^2, 2\})$	10240

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4, 2^8\})$	384
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4, 3^3, 2^4\})$	2688
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4, 3^6\})$	21888
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4^3, 2^5\})$	1536
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4^3, 3^3, 2\})$	10752
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4^5, 2^2\})$	6144
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 4, 3, 2^5\})$	1408
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 4, 3^4, 2\})$	10880
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 4^3, 3, 2^2\})$	5632
24	$\mathcal{O}(0; \{12^3, 8^2, 6^3, 4, 3^2, 2^2\})$	5504
24	$\mathcal{O}(0; \{12^3, 8^2, 6^4, 4, 2^3\})$	2688
24	$\mathcal{O}(0; \{12^3, 8^2, 6^4, 4^3\})$	10752
24	$\mathcal{O}(0; \{12^3, 8^2, 6^5, 4, 3\})$	10880
24	$\mathcal{O}(0; \{12^3, 8^4, 3^2, 2^5\})$	5120
24	$\mathcal{O}(0; \{12^3, 8^4, 3^5, 2\})$	44032
24	$\mathcal{O}(0; \{12^3, 8^4, 4^2, 3^2, 2^2\})$	20480
24	$\mathcal{O}(0; \{12^3, 8^4, 6, 2^6\})$	3072
24	$\mathcal{O}(0; \{12^3, 8^4, 6, 3^3, 2^2\})$	21504
24	$\mathcal{O}(0; \{12^3, 8^4, 6, 4^2, 2^3\})$	12288
24	$\mathcal{O}(0; \{12^3, 8^4, 6, 4^4\})$	49152
24	$\mathcal{O}(0; \{12^3, 8^4, 6^2, 3, 2^3\})$	11264
24	$\mathcal{O}(0; \{12^3, 8^4, 6^2, 4^2, 3\})$	45056
24	$\mathcal{O}(0; \{12^3, 8^4, 6^3, 3^2\})$	44032
24	$\mathcal{O}(0; \{12^3, 8^4, 6^4, 2\})$	21504
24	$\mathcal{O}(0; \{12^3, 8^6, 4, 3^2\})$	163840
24	$\mathcal{O}(0; \{12^3, 8^6, 6, 4, 2\})$	98304
24	$\mathcal{O}(0; \{12^4, 8^2, 3, 2^8\})$	640
24	$\mathcal{O}(0; \{12^4, 8^2, 3^4, 2^4\})$	5504
24	$\mathcal{O}(0; \{12^4, 8^2, 3^7\})$	43648
24	$\mathcal{O}(0; \{12^4, 8^2, 4^2, 3, 2^5\})$	2560
24	$\mathcal{O}(0; \{12^4, 8^2, 4^2, 3^4, 2\})$	22016
24	$\mathcal{O}(0; \{12^4, 8^2, 4^4, 3, 2^2\})$	10240
24	$\mathcal{O}(0; \{12^4, 8^2, 6, 3^2, 2^5\})$	2688
24	$\mathcal{O}(0; \{12^4, 8^2, 6, 3^5, 2\})$	21888
24	$\mathcal{O}(0; \{12^4, 8^2, 6, 4^2, 3^2, 2^2\})$	10752
24	$\mathcal{O}(0; \{12^4, 8^2, 6^2, 2^6\})$	1408
24	$\mathcal{O}(0; \{12^4, 8^2, 6^2, 3^3, 2^2\})$	10880
24	$\mathcal{O}(0; \{12^4, 8^2, 6^2, 4^2, 2^3\})$	5632
24	$\mathcal{O}(0; \{12^4, 8^2, 6^2, 4^4\})$	22528
24	$\mathcal{O}(0; \{12^4, 8^2, 6^3, 3, 2^3\})$	5504
24	$\mathcal{O}(0; \{12^4, 8^2, 6^3, 4^2, 3\})$	22016
24	$\mathcal{O}(0; \{12^4, 8^2, 6^4, 3^2\})$	21888
24	$\mathcal{O}(0; \{12^4, 8^2, 6^5, 2\})$	10880

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12^4, 8^4, 4, 3, 2^3\})$	20480
24	$\mathcal{O}(0; \{12^4, 8^4, 4^3, 3\})$	81920
24	$\mathcal{O}(0; \{12^4, 8^4, 6, 4, 3^2\})$	86016
24	$\mathcal{O}(0; \{12^4, 8^4, 6^2, 4, 2\})$	45056
24	$\mathcal{O}(0; \{12^4, 8^6, 3, 2\})$	163840
24	$\mathcal{O}(0; \{12^5, 8^2, 4, 2^6\})$	2560
24	$\mathcal{O}(0; \{12^5, 8^2, 4, 3^3, 2^2\})$	22016
24	$\mathcal{O}(0; \{12^5, 8^2, 4^3, 2^3\})$	10240
24	$\mathcal{O}(0; \{12^5, 8^2, 4^5\})$	40960
24	$\mathcal{O}(0; \{12^5, 8^2, 6, 4, 3, 2^3\})$	10752
24	$\mathcal{O}(0; \{12^5, 8^2, 6, 4^3, 3\})$	43008
24	$\mathcal{O}(0; \{12^5, 8^2, 6^2, 4, 3^2\})$	43520
24	$\mathcal{O}(0; \{12^5, 8^2, 6^3, 4, 2\})$	22016
24	$\mathcal{O}(0; \{12^5, 8^4, 2^4\})$	20480
24	$\mathcal{O}(0; \{12^5, 8^4, 3^3\})$	176128
24	$\mathcal{O}(0; \{12^5, 8^4, 4^2, 2\})$	81920
24	$\mathcal{O}(0; \{12^5, 8^4, 6, 3, 2\})$	86016
24	$\mathcal{O}(0; \{12^6, 8^2, 3^2, 2^3\})$	22016
24	$\mathcal{O}(0; \{12^6, 8^2, 4^2, 3^2\})$	88064
24	$\mathcal{O}(0; \{12^6, 8^2, 6, 2^4\})$	10752
24	$\mathcal{O}(0; \{12^6, 8^2, 6, 3^3\})$	87552
24	$\mathcal{O}(0; \{12^6, 8^2, 6, 4^2, 2\})$	43008
24	$\mathcal{O}(0; \{12^6, 8^2, 6^2, 3, 2\})$	43520
24	$\mathcal{O}(0; \{12^7, 8^2, 4, 3, 2\})$	88064
24	$\mathcal{O}(0; \{12^8, 8^2, 2^2\})$	88064
24	$\mathcal{O}(0; \{24, 8, 4, 3^3, 2^{11}\})$	48
24	$\mathcal{O}(0; \{24, 8, 4, 3^6, 2^7\})$	336
24	$\mathcal{O}(0; \{24, 8, 4, 3^9, 2^3\})$	2736
24	$\mathcal{O}(0; \{24, 8, 4^3, 3^3, 2^8\})$	192
24	$\mathcal{O}(0; \{24, 8, 4^3, 3^6, 2^4\})$	1344
24	$\mathcal{O}(0; \{24, 8, 4^3, 3^9\})$	10944
24	$\mathcal{O}(0; \{24, 8, 4^5, 3^3, 2^5\})$	768
24	$\mathcal{O}(0; \{24, 8, 4^5, 3^6, 2\})$	5376
24	$\mathcal{O}(0; \{24, 8, 4^7, 3^3, 2^2\})$	3072
24	$\mathcal{O}(0; \{24, 8, 6, 4, 3, 2^{12}\})$	16
24	$\mathcal{O}(0; \{24, 8, 6, 4, 3^4, 2^8\})$	176
24	$\mathcal{O}(0; \{24, 8, 6, 4, 3^7, 2^4\})$	1360
24	$\mathcal{O}(0; \{24, 8, 6, 4, 3^{10}\})$	10928
24	$\mathcal{O}(0; \{24, 8, 6, 4^3, 3, 2^9\})$	64
24	$\mathcal{O}(0; \{24, 8, 6, 4^3, 3^4, 2^5\})$	704
24	$\mathcal{O}(0; \{24, 8, 6, 4^3, 3^7, 2\})$	5440
24	$\mathcal{O}(0; \{24, 8, 6, 4^5, 3, 2^6\})$	256
24	$\mathcal{O}(0; \{24, 8, 6, 4^5, 3^4, 2^2\})$	2816

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 8, 6, 4^7, 3, 2^3\})$	1024
24	$\mathcal{O}(0; \{24, 8, 6, 4^9, 3\})$	4096
24	$\mathcal{O}(0; \{24, 8, 6^2, 4, 3^2, 2^9\})$	80
24	$\mathcal{O}(0; \{24, 8, 6^2, 4, 3^5, 2^5\})$	688
24	$\mathcal{O}(0; \{24, 8, 6^2, 4, 3^8, 2\})$	5456
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^3, 3^2, 2^6\})$	320
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^3, 3^5, 2^2\})$	2752
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^5, 3^2, 2^3\})$	1280
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^7, 3^2\})$	5120
24	$\mathcal{O}(0; \{24, 8, 6^3, 4, 2^{10}\})$	48
24	$\mathcal{O}(0; \{24, 8, 6^3, 4, 3^3, 2^6\})$	336
24	$\mathcal{O}(0; \{24, 8, 6^3, 4, 3^6, 2^2\})$	2736
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^3, 2^7\})$	192
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^3, 3^3, 2^3\})$	1344
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^5, 2^4\})$	768
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^5, 3^3\})$	5376
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^7, 2\})$	3072
24	$\mathcal{O}(0; \{24, 8, 6^4, 4, 3, 2^7\})$	176
24	$\mathcal{O}(0; \{24, 8, 6^4, 4, 3^4, 2^3\})$	1360
24	$\mathcal{O}(0; \{24, 8, 6^4, 4^3, 3, 2^4\})$	704
24	$\mathcal{O}(0; \{24, 8, 6^4, 4^3, 3^4\})$	5440
24	$\mathcal{O}(0; \{24, 8, 6^4, 4^5, 3, 2\})$	2816
24	$\mathcal{O}(0; \{24, 8, 6^5, 4, 3^2, 2^4\})$	688
24	$\mathcal{O}(0; \{24, 8, 6^5, 4, 3^5\})$	5456
24	$\mathcal{O}(0; \{24, 8, 6^5, 4^3, 3^2, 2\})$	2752
24	$\mathcal{O}(0; \{24, 8, 6^6, 4, 2^5\})$	336
24	$\mathcal{O}(0; \{24, 8, 6^6, 4, 3^3, 2\})$	2736
24	$\mathcal{O}(0; \{24, 8, 6^6, 4^3, 2^2\})$	1344
24	$\mathcal{O}(0; \{24, 8, 6^7, 4, 3, 2^2\})$	1360
24	$\mathcal{O}(0; \{24, 8, 6^9, 4\})$	2736
24	$\mathcal{O}(0; \{24, 8^3, 3^3, 2^9\})$	384
24	$\mathcal{O}(0; \{24, 8^3, 3^6, 2^5\})$	2688
24	$\mathcal{O}(0; \{24, 8^3, 3^9, 2\})$	21888
24	$\mathcal{O}(0; \{24, 8^3, 4^2, 3^3, 2^6\})$	1536
24	$\mathcal{O}(0; \{24, 8^3, 4^2, 3^6, 2^2\})$	10752
24	$\mathcal{O}(0; \{24, 8^3, 4^4, 3^3, 2^3\})$	6144
24	$\mathcal{O}(0; \{24, 8^3, 4^6, 3^3\})$	24576
24	$\mathcal{O}(0; \{24, 8^3, 6, 3, 2^{10}\})$	128
24	$\mathcal{O}(0; \{24, 8^3, 6, 3^4, 2^6\})$	1408
24	$\mathcal{O}(0; \{24, 8^3, 6, 3^7, 2^2\})$	10880
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^2, 3, 2^7\})$	512
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^2, 3^4, 2^3\})$	5632
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^4, 3, 2^4\})$	2048

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^4, 3^4\})$	22528
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^6, 3, 2\})$	8192
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 3^2, 2^7\})$	640
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 3^5, 2^3\})$	5504
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4^2, 3^2, 2^4\})$	2560
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4^2, 3^5\})$	22016
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4^4, 3^2, 2\})$	10240
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 2^8\})$	384
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 3^3, 2^4\})$	2688
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 3^6\})$	21888
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 4^2, 2^5\})$	1536
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 4^2, 3^3, 2\})$	10752
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 4^4, 2^2\})$	6144
24	$\mathcal{O}(0; \{24, 8^3, 6^4, 3, 2^5\})$	1408
24	$\mathcal{O}(0; \{24, 8^3, 6^4, 3^4, 2\})$	10880
24	$\mathcal{O}(0; \{24, 8^3, 6^4, 4^2, 3, 2^2\})$	5632
24	$\mathcal{O}(0; \{24, 8^3, 6^5, 3^2, 2^2\})$	5504
24	$\mathcal{O}(0; \{24, 8^3, 6^6, 2^3\})$	2688
24	$\mathcal{O}(0; \{24, 8^3, 6^6, 4^2\})$	10752
24	$\mathcal{O}(0; \{24, 8^3, 6^7, 3\})$	10880
24	$\mathcal{O}(0; \{24, 8^5, 4, 3^3, 2^4\})$	12288
24	$\mathcal{O}(0; \{24, 8^5, 4, 3^6\})$	86016
24	$\mathcal{O}(0; \{24, 8^5, 4^3, 3^3, 2\})$	49152
24	$\mathcal{O}(0; \{24, 8^5, 6, 4, 3, 2^5\})$	4096
24	$\mathcal{O}(0; \{24, 8^5, 6, 4, 3^4, 2\})$	45056
24	$\mathcal{O}(0; \{24, 8^5, 6, 4^3, 3, 2^2\})$	16384
24	$\mathcal{O}(0; \{24, 8^5, 6^2, 4, 3^2, 2^2\})$	20480
24	$\mathcal{O}(0; \{24, 8^5, 6^3, 4, 2^3\})$	12288
24	$\mathcal{O}(0; \{24, 8^5, 6^3, 4^3\})$	49152
24	$\mathcal{O}(0; \{24, 8^5, 6^4, 4, 3\})$	45056
24	$\mathcal{O}(0; \{24, 8^7, 3^3, 2^2\})$	98304
24	$\mathcal{O}(0; \{24, 8^7, 6, 3, 2^3\})$	32768
24	$\mathcal{O}(0; \{24, 8^7, 6, 4^2, 3\})$	131072
24	$\mathcal{O}(0; \{24, 8^7, 6^2, 3^2\})$	163840
24	$\mathcal{O}(0; \{24, 8^7, 6^3, 2\})$	98304
24	$\mathcal{O}(0; \{24, 12, 8, 3^2, 2^{12}\})$	48
24	$\mathcal{O}(0; \{24, 12, 8, 3^5, 2^8\})$	336
24	$\mathcal{O}(0; \{24, 12, 8, 3^8, 2^4\})$	2736
24	$\mathcal{O}(0; \{24, 12, 8, 3^{11}\})$	21840
24	$\mathcal{O}(0; \{24, 12, 8, 4^2, 3^2, 2^9\})$	192
24	$\mathcal{O}(0; \{24, 12, 8, 4^2, 3^5, 2^5\})$	1344
24	$\mathcal{O}(0; \{24, 12, 8, 4^2, 3^8, 2\})$	10944
24	$\mathcal{O}(0; \{24, 12, 8, 4^4, 3^2, 2^6\})$	768

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12, 8, 4^4, 3^5, 2^2\})$	5376
24	$\mathcal{O}(0; \{24, 12, 8, 4^6, 3^2, 2^3\})$	3072
24	$\mathcal{O}(0; \{24, 12, 8, 4^8, 3^2\})$	12288
24	$\mathcal{O}(0; \{24, 12, 8, 6, 2^{13}\})$	16
24	$\mathcal{O}(0; \{24, 12, 8, 6, 3^3, 2^9\})$	176
24	$\mathcal{O}(0; \{24, 12, 8, 6, 3^6, 2^5\})$	1360
24	$\mathcal{O}(0; \{24, 12, 8, 6, 3^9, 2\})$	10928
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^2, 2^{10}\})$	64
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^2, 3^3, 2^6\})$	704
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^2, 3^6, 2^2\})$	5440
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^4, 2^7\})$	256
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^4, 3^3, 2^3\})$	2816
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^6, 2^4\})$	1024
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^6, 3^3\})$	11264
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^8, 2\})$	4096
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 3, 2^{10}\})$	80
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 3^4, 2^6\})$	688
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 3^7, 2^2\})$	5456
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^2, 3, 2^7\})$	320
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^2, 3^4, 2^3\})$	2752
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^4, 3, 2^4\})$	1280
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^4, 3^4\})$	11008
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^6, 3, 2\})$	5120
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 3^2, 2^7\})$	336
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 3^5, 2^3\})$	2736
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4^2, 3^2, 2^4\})$	1344
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4^2, 3^5\})$	10944
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4^4, 3^2, 2\})$	5376
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 2^8\})$	176
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 3^3, 2^4\})$	1360
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 3^6\})$	10928
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 4^2, 2^5\})$	704
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 4^2, 3^3, 2\})$	5440
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 4^4, 2^2\})$	2816
24	$\mathcal{O}(0; \{24, 12, 8, 6^5, 3, 2^5\})$	688
24	$\mathcal{O}(0; \{24, 12, 8, 6^5, 3^4, 2\})$	5456
24	$\mathcal{O}(0; \{24, 12, 8, 6^5, 4^2, 3, 2^2\})$	2752
24	$\mathcal{O}(0; \{24, 12, 8, 6^6, 3^2, 2^2\})$	2736
24	$\mathcal{O}(0; \{24, 12, 8, 6^7, 2^3\})$	1360
24	$\mathcal{O}(0; \{24, 12, 8, 6^7, 4^2\})$	5440
24	$\mathcal{O}(0; \{24, 12, 8, 6^8, 3\})$	5456
24	$\mathcal{O}(0; \{24, 12, 8^3, 4, 3^2, 2^7\})$	1536
24	$\mathcal{O}(0; \{24, 12, 8^3, 4, 3^5, 2^3\})$	10752

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^3, 3^2, 2^4\})$	6144
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^3, 3^5\})$	43008
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^5, 3^2, 2\})$	24576
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4, 2^8\})$	512
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4, 3^3, 2^4\})$	5632
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4, 3^6\})$	43520
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4^3, 2^5\})$	2048
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4^3, 3^3, 2\})$	22528
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4^5, 2^2\})$	8192
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 4, 3, 2^5\})$	2560
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 4, 3^4, 2\})$	22016
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 4^3, 3, 2^2\})$	10240
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^3, 4, 3^2, 2^2\})$	10752
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^4, 4, 2^3\})$	5632
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^4, 4^3\})$	22528
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^5, 4, 3\})$	22016
24	$\mathcal{O}(0; \{24, 12, 8^5, 3^2, 2^5\})$	12288
24	$\mathcal{O}(0; \{24, 12, 8^5, 3^5, 2\})$	86016
24	$\mathcal{O}(0; \{24, 12, 8^5, 4^2, 3^2, 2^2\})$	49152
24	$\mathcal{O}(0; \{24, 12, 8^5, 6, 2^6\})$	4096
24	$\mathcal{O}(0; \{24, 12, 8^5, 6, 3^3, 2^2\})$	45056
24	$\mathcal{O}(0; \{24, 12, 8^5, 6, 4^2, 2^3\})$	16384
24	$\mathcal{O}(0; \{24, 12, 8^5, 6, 4^4\})$	65536
24	$\mathcal{O}(0; \{24, 12, 8^5, 6^2, 3, 2^3\})$	20480
24	$\mathcal{O}(0; \{24, 12, 8^5, 6^2, 4^2, 3\})$	81920
24	$\mathcal{O}(0; \{24, 12, 8^5, 6^3, 3^2\})$	86016
24	$\mathcal{O}(0; \{24, 12, 8^5, 6^4, 2\})$	45056
24	$\mathcal{O}(0; \{24, 12, 8^7, 4, 3^2\})$	393216
24	$\mathcal{O}(0; \{24, 12, 8^7, 6, 4, 2\})$	131072
24	$\mathcal{O}(0; \{24, 12^2, 8, 4, 3, 2^{10}\})$	192
24	$\mathcal{O}(0; \{24, 12^2, 8, 4, 3^4, 2^6\})$	1344
24	$\mathcal{O}(0; \{24, 12^2, 8, 4, 3^7, 2^2\})$	10944
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^3, 3, 2^7\})$	768
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^3, 3^4, 2^3\})$	5376
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^5, 3, 2^4\})$	3072
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^5, 3^4\})$	21504
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^7, 3, 2\})$	12288
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4, 3^2, 2^7\})$	704
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4, 3^5, 2^3\})$	5440
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^3, 3^2, 2^4\})$	2816
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^3, 3^5\})$	21760
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^5, 3^2, 2\})$	11264
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4, 2^8\})$	320

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4, 3^3, 2^4\})$	2752
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4, 3^6\})$	21824
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4^3, 2^5\})$	1280
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4^3, 3^3, 2\})$	11008
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4^5, 2^2\})$	5120
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 4, 3, 2^5\})$	1344
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 4, 3^4, 2\})$	10944
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 4^3, 3, 2^2\})$	5376
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^4, 4, 3^2, 2^2\})$	5440
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^5, 4, 2^3\})$	2752
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^5, 4^3\})$	11008
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^6, 4, 3\})$	10944
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 3, 2^8\})$	1536
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 3^4, 2^4\})$	10752
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 3^7\})$	87552
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4^2, 3, 2^5\})$	6144
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4^2, 3^4, 2\})$	43008
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4^4, 3, 2^2\})$	24576
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6, 3^2, 2^5\})$	5632
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6, 3^5, 2\})$	43520
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6, 4^2, 3^2, 2^2\})$	22528
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^2, 2^6\})$	2560
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^2, 3^3, 2^2\})$	22016
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^2, 4^2, 2^3\})$	10240
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^2, 4^4\})$	40960
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^3, 3, 2^3\})$	10752
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^3, 4^2, 3\})$	43008
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^4, 3^2\})$	43520
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^5, 2\})$	22016
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 4, 3, 2^3\})$	49152
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 4^3, 3\})$	196608
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 6, 4, 3^2\})$	180224
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 6^2, 4, 2\})$	81920
24	$\mathcal{O}(0; \{24, 12^2, 8^7, 3, 2\})$	393216
24	$\mathcal{O}(0; \{24, 12^3, 8, 2^{11}\})$	192
24	$\mathcal{O}(0; \{24, 12^3, 8, 3^3, 2^7\})$	1344
24	$\mathcal{O}(0; \{24, 12^3, 8, 3^6, 2^3\})$	10944
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^2, 2^8\})$	768
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^2, 3^3, 2^4\})$	5376
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^2, 3^6\})$	43776
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^4, 2^5\})$	3072
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^4, 3^3, 2\})$	21504
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^6, 2^2\})$	12288

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 3, 2^8\})$	704
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 3^4, 2^4\})$	5440
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 3^7\})$	43712
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4^2, 3, 2^5\})$	2816
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4^2, 3^4, 2\})$	21760
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4^4, 3, 2^2\})$	11264
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^2, 3^2, 2^5\})$	2752
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^2, 3^5, 2\})$	21824
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^2, 4^2, 3^2, 2^2\})$	11008
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^3, 2^6\})$	1344
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^3, 3^3, 2^2\})$	10944
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^3, 4^2, 2^3\})$	5376
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^3, 4^4\})$	21504
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^4, 3, 2^3\})$	5440
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^4, 4^2, 3\})$	21760
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^5, 3^2\})$	21824
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^6, 2\})$	10944
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 4, 2^6\})$	6144
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 4, 3^3, 2^2\})$	43008
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 4^3, 2^3\})$	24576
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 4^5\})$	98304
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6, 4, 3, 2^3\})$	22528
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6, 4^3, 3\})$	90112
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6^2, 4, 3^2\})$	88064
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6^3, 4, 2\})$	43008
24	$\mathcal{O}(0; \{24, 12^3, 8^5, 2^4\})$	49152
24	$\mathcal{O}(0; \{24, 12^3, 8^5, 3^3\})$	344064
24	$\mathcal{O}(0; \{24, 12^3, 8^5, 4^2, 2\})$	196608
24	$\mathcal{O}(0; \{24, 12^3, 8^5, 6, 3, 2\})$	180224
24	$\mathcal{O}(0; \{24, 12^4, 8, 4, 3^2, 2^5\})$	5376
24	$\mathcal{O}(0; \{24, 12^4, 8, 4, 3^5, 2\})$	43776
24	$\mathcal{O}(0; \{24, 12^4, 8, 4^3, 3^2, 2^2\})$	21504
24	$\mathcal{O}(0; \{24, 12^4, 8, 6, 4, 2^6\})$	2816
24	$\mathcal{O}(0; \{24, 12^4, 8, 6, 4, 3^3, 2^2\})$	21760
24	$\mathcal{O}(0; \{24, 12^4, 8, 6, 4^3, 2^3\})$	11264
24	$\mathcal{O}(0; \{24, 12^4, 8, 6, 4^5\})$	45056
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^2, 4, 3, 2^3\})$	11008
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^2, 4^3, 3\})$	44032
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^3, 4, 3^2\})$	43776
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^4, 4, 2\})$	21760
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 3^2, 2^3\})$	43008
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 4^2, 3^2\})$	172032
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 6, 2^4\})$	22528

Continued on next page

Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 6, 3^3\})$	174080
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 6, 4^2, 2\})$	90112
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 6^2, 3, 2\})$	88064
24	$\mathcal{O}(0; \{24, 12^5, 8, 3, 2^6\})$	5376
24	$\mathcal{O}(0; \{24, 12^5, 8, 3^4, 2^2\})$	43776
24	$\mathcal{O}(0; \{24, 12^5, 8, 4^2, 3, 2^3\})$	21504
24	$\mathcal{O}(0; \{24, 12^5, 8, 4^4, 3\})$	86016
24	$\mathcal{O}(0; \{24, 12^5, 8, 6, 3^2, 2^3\})$	21760
24	$\mathcal{O}(0; \{24, 12^5, 8, 6, 4^2, 3^2\})$	87040
24	$\mathcal{O}(0; \{24, 12^5, 8, 6^2, 2^4\})$	11008
24	$\mathcal{O}(0; \{24, 12^5, 8, 6^2, 3^3\})$	87296
24	$\mathcal{O}(0; \{24, 12^5, 8, 6^2, 4^2, 2\})$	44032
24	$\mathcal{O}(0; \{24, 12^5, 8, 6^3, 3, 2\})$	43776
24	$\mathcal{O}(0; \{24, 12^5, 8^3, 4, 3, 2\})$	172032
24	$\mathcal{O}(0; \{24, 12^6, 8, 4, 2^4\})$	21504
24	$\mathcal{O}(0; \{24, 12^6, 8, 4, 3^3\})$	175104
24	$\mathcal{O}(0; \{24, 12^6, 8, 4^3, 2\})$	86016
24	$\mathcal{O}(0; \{24, 12^6, 8, 6, 4, 3, 2\})$	87040
24	$\mathcal{O}(0; \{24, 12^6, 8^3, 2^2\})$	172032
24	$\mathcal{O}(0; \{24, 12^7, 8, 3^2, 2\})$	175104
24	$\mathcal{O}(0; \{24, 12^7, 8, 6, 2^2\})$	87040
24	$\mathcal{O}(0; \{24, 12^9, 8\})$	700416
24	$\mathcal{O}(0; \{24^2, 3, 2^{15}\})$	8
24	$\mathcal{O}(0; \{24^2, 3^4, 2^{11}\})$	88
24	$\mathcal{O}(0; \{24^2, 3^7, 2^7\})$	680
24	$\mathcal{O}(0; \{24^2, 3^{10}, 2^3\})$	5464
24	$\mathcal{O}(0; \{24^2, 4^2, 3, 2^{12}\})$	32
24	$\mathcal{O}(0; \{24^2, 4^2, 3^4, 2^8\})$	352
24	$\mathcal{O}(0; \{24^2, 4^2, 3^7, 2^4\})$	2720
24	$\mathcal{O}(0; \{24^2, 4^2, 3^{10}\})$	21856
24	$\mathcal{O}(0; \{24^2, 4^4, 3, 2^9\})$	128
24	$\mathcal{O}(0; \{24^2, 4^4, 3^4, 2^5\})$	1408
24	$\mathcal{O}(0; \{24^2, 4^4, 3^7, 2\})$	10880
24	$\mathcal{O}(0; \{24^2, 4^6, 3, 2^6\})$	512
24	$\mathcal{O}(0; \{24^2, 4^6, 3^4, 2^2\})$	5632
24	$\mathcal{O}(0; \{24^2, 4^8, 3, 2^3\})$	2048
24	$\mathcal{O}(0; \{24^2, 4^{10}, 3\})$	8192
24	$\mathcal{O}(0; \{24^2, 6, 3^2, 2^{12}\})$	40
24	$\mathcal{O}(0; \{24^2, 6, 3^5, 2^8\})$	344
24	$\mathcal{O}(0; \{24^2, 6, 3^8, 2^4\})$	2728
24	$\mathcal{O}(0; \{24^2, 6, 3^{11}\})$	21848
24	$\mathcal{O}(0; \{24^2, 6, 4^2, 3^2, 2^9\})$	160
24	$\mathcal{O}(0; \{24^2, 6, 4^2, 3^5, 2^5\})$	1376

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 6, 4^2, 3^8, 2\})$	10912
24	$\mathcal{O}(0; \{24^2, 6, 4^4, 3^2, 2^6\})$	640
24	$\mathcal{O}(0; \{24^2, 6, 4^4, 3^5, 2^2\})$	5504
24	$\mathcal{O}(0; \{24^2, 6, 4^6, 3^2, 2^3\})$	2560
24	$\mathcal{O}(0; \{24^2, 6, 4^8, 3^2\})$	10240
24	$\mathcal{O}(0; \{24^2, 6^2, 2^{13}\})$	24
24	$\mathcal{O}(0; \{24^2, 6^2, 3^3, 2^9\})$	168
24	$\mathcal{O}(0; \{24^2, 6^2, 3^6, 2^5\})$	1368
24	$\mathcal{O}(0; \{24^2, 6^2, 3^9, 2\})$	10920
24	$\mathcal{O}(0; \{24^2, 6^2, 4^2, 2^{10}\})$	96
24	$\mathcal{O}(0; \{24^2, 6^2, 4^2, 3^3, 2^6\})$	672
24	$\mathcal{O}(0; \{24^2, 6^2, 4^2, 3^6, 2^2\})$	5472
24	$\mathcal{O}(0; \{24^2, 6^2, 4^4, 2^7\})$	384
24	$\mathcal{O}(0; \{24^2, 6^2, 4^4, 3^3, 2^3\})$	2688
24	$\mathcal{O}(0; \{24^2, 6^2, 4^6, 2^4\})$	1536
24	$\mathcal{O}(0; \{24^2, 6^2, 4^6, 3^3\})$	10752
24	$\mathcal{O}(0; \{24^2, 6^2, 4^8, 2\})$	6144
24	$\mathcal{O}(0; \{24^2, 6^3, 3, 2^{10}\})$	88
24	$\mathcal{O}(0; \{24^2, 6^3, 3^4, 2^6\})$	680
24	$\mathcal{O}(0; \{24^2, 6^3, 3^7, 2^2\})$	5464
24	$\mathcal{O}(0; \{24^2, 6^3, 4^2, 3, 2^7\})$	352
24	$\mathcal{O}(0; \{24^2, 6^3, 4^2, 3^4, 2^3\})$	2720
24	$\mathcal{O}(0; \{24^2, 6^3, 4^4, 3, 2^4\})$	1408
24	$\mathcal{O}(0; \{24^2, 6^3, 4^4, 3^4\})$	10880
24	$\mathcal{O}(0; \{24^2, 6^3, 4^6, 3, 2\})$	5632
24	$\mathcal{O}(0; \{24^2, 6^4, 3^2, 2^7\})$	344
24	$\mathcal{O}(0; \{24^2, 6^4, 3^5, 2^3\})$	2728
24	$\mathcal{O}(0; \{24^2, 6^4, 4^2, 3^2, 2^4\})$	1376
24	$\mathcal{O}(0; \{24^2, 6^4, 4^2, 3^5\})$	10912
24	$\mathcal{O}(0; \{24^2, 6^4, 4^4, 3^2, 2\})$	5504
24	$\mathcal{O}(0; \{24^2, 6^5, 2^8\})$	168
24	$\mathcal{O}(0; \{24^2, 6^5, 3^3, 2^4\})$	1368
24	$\mathcal{O}(0; \{24^2, 6^5, 3^6\})$	10920
24	$\mathcal{O}(0; \{24^2, 6^5, 4^2, 2^5\})$	672
24	$\mathcal{O}(0; \{24^2, 6^5, 4^2, 3^3, 2\})$	5472
24	$\mathcal{O}(0; \{24^2, 6^5, 4^4, 2^2\})$	2688
24	$\mathcal{O}(0; \{24^2, 6^6, 3, 2^5\})$	680
24	$\mathcal{O}(0; \{24^2, 6^6, 3^4, 2\})$	5464
24	$\mathcal{O}(0; \{24^2, 6^6, 4^2, 3, 2^2\})$	2720
24	$\mathcal{O}(0; \{24^2, 6^7, 3^2, 2^2\})$	2728
24	$\mathcal{O}(0; \{24^2, 6^8, 2^3\})$	1368
24	$\mathcal{O}(0; \{24^2, 6^8, 4^2\})$	5472
24	$\mathcal{O}(0; \{24^2, 6^9, 3\})$	5464

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 8^2, 4, 3, 2^{10}\})$	256
24	$\mathcal{O}(0; \{24^2, 8^2, 4, 3^4, 2^6\})$	2816
24	$\mathcal{O}(0; \{24^2, 8^2, 4, 3^7, 2^2\})$	21760
24	$\mathcal{O}(0; \{24^2, 8^2, 4^3, 3, 2^7\})$	1024
24	$\mathcal{O}(0; \{24^2, 8^2, 4^3, 3^4, 2^3\})$	11264
24	$\mathcal{O}(0; \{24^2, 8^2, 4^5, 3, 2^4\})$	4096
24	$\mathcal{O}(0; \{24^2, 8^2, 4^5, 3^4\})$	45056
24	$\mathcal{O}(0; \{24^2, 8^2, 4^7, 3, 2\})$	16384
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4, 3^2, 2^7\})$	1280
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4, 3^5, 2^3\})$	11008
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^3, 3^2, 2^4\})$	5120
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^3, 3^5\})$	44032
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^5, 3^2, 2\})$	20480
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4, 2^8\})$	768
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4, 3^3, 2^4\})$	5376
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4, 3^6\})$	43776
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4^3, 2^5\})$	3072
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4^3, 3^3, 2\})$	21504
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4^5, 2^2\})$	12288
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 4, 3, 2^5\})$	2816
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 4, 3^4, 2\})$	21760
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 4^3, 3, 2^2\})$	11264
24	$\mathcal{O}(0; \{24^2, 8^2, 6^4, 4, 3^2, 2^2\})$	11008
24	$\mathcal{O}(0; \{24^2, 8^2, 6^5, 4, 2^3\})$	5376
24	$\mathcal{O}(0; \{24^2, 8^2, 6^5, 4^3\})$	21504
24	$\mathcal{O}(0; \{24^2, 8^2, 6^6, 4, 3\})$	21760
24	$\mathcal{O}(0; \{24^2, 8^4, 3, 2^8\})$	2048
24	$\mathcal{O}(0; \{24^2, 8^4, 3^4, 2^4\})$	22528
24	$\mathcal{O}(0; \{24^2, 8^4, 3^7\})$	174080
24	$\mathcal{O}(0; \{24^2, 8^4, 4^2, 3, 2^5\})$	8192
24	$\mathcal{O}(0; \{24^2, 8^4, 4^2, 3^4, 2\})$	90112
24	$\mathcal{O}(0; \{24^2, 8^4, 4^4, 3, 2^2\})$	32768
24	$\mathcal{O}(0; \{24^2, 8^4, 6, 3^2, 2^5\})$	10240
24	$\mathcal{O}(0; \{24^2, 8^4, 6, 3^5, 2\})$	88064
24	$\mathcal{O}(0; \{24^2, 8^4, 6, 4^2, 3^2, 2^2\})$	40960
24	$\mathcal{O}(0; \{24^2, 8^4, 6^2, 2^6\})$	6144
24	$\mathcal{O}(0; \{24^2, 8^4, 6^2, 3^3, 2^2\})$	43008
24	$\mathcal{O}(0; \{24^2, 8^4, 6^2, 4^2, 2^3\})$	24576
24	$\mathcal{O}(0; \{24^2, 8^4, 6^2, 4^4\})$	98304
24	$\mathcal{O}(0; \{24^2, 8^4, 6^3, 3, 2^3\})$	22528
24	$\mathcal{O}(0; \{24^2, 8^4, 6^3, 4^2, 3\})$	90112
24	$\mathcal{O}(0; \{24^2, 8^4, 6^4, 3^2\})$	88064
24	$\mathcal{O}(0; \{24^2, 8^4, 6^5, 2\})$	43008

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 8^6, 4, 3, 2^3\})$	65536
24	$\mathcal{O}(0; \{24^2, 8^6, 4^3, 3\})$	262144
24	$\mathcal{O}(0; \{24^2, 8^6, 6, 4, 3^2\})$	327680
24	$\mathcal{O}(0; \{24^2, 8^6, 6^2, 4, 2\})$	196608
24	$\mathcal{O}(0; \{24^2, 8^8, 3, 2\})$	524288
24	$\mathcal{O}(0; \{24^2, 12, 4, 2^{13}\})$	32
24	$\mathcal{O}(0; \{24^2, 12, 4, 3^3, 2^9\})$	352
24	$\mathcal{O}(0; \{24^2, 12, 4, 3^6, 2^5\})$	2720
24	$\mathcal{O}(0; \{24^2, 12, 4, 3^9, 2\})$	21856
24	$\mathcal{O}(0; \{24^2, 12, 4^3, 2^{10}\})$	128
24	$\mathcal{O}(0; \{24^2, 12, 4^3, 3^3, 2^6\})$	1408
24	$\mathcal{O}(0; \{24^2, 12, 4^3, 3^6, 2^2\})$	10880
24	$\mathcal{O}(0; \{24^2, 12, 4^5, 2^7\})$	512
24	$\mathcal{O}(0; \{24^2, 12, 4^5, 3^3, 2^3\})$	5632
24	$\mathcal{O}(0; \{24^2, 12, 4^7, 2^4\})$	2048
24	$\mathcal{O}(0; \{24^2, 12, 4^7, 3^3\})$	22528
24	$\mathcal{O}(0; \{24^2, 12, 4^9, 2\})$	8192
24	$\mathcal{O}(0; \{24^2, 12, 6, 4, 3, 2^{10}\})$	160
24	$\mathcal{O}(0; \{24^2, 12, 6, 4, 3^4, 2^6\})$	1376
24	$\mathcal{O}(0; \{24^2, 12, 6, 4, 3^7, 2^2\})$	10912
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^3, 3, 2^7\})$	640
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^3, 3^4, 2^3\})$	5504
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^5, 3, 2^4\})$	2560
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^5, 3^4\})$	22016
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^7, 3, 2\})$	10240
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4, 3^2, 2^7\})$	672
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4, 3^5, 2^3\})$	5472
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^3, 3^2, 2^4\})$	2688
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^3, 3^5\})$	21888
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^5, 3^2, 2\})$	10752
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4, 2^8\})$	352
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4, 3^3, 2^4\})$	2720
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4, 3^6\})$	21856
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4^3, 2^5\})$	1408
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4^3, 3^3, 2\})$	10880
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4^5, 2^2\})$	5632
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 4, 3, 2^5\})$	1376
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 4, 3^4, 2\})$	10912
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 4^3, 3, 2^2\})$	5504
24	$\mathcal{O}(0; \{24^2, 12, 6^5, 4, 3^2, 2^2\})$	5472
24	$\mathcal{O}(0; \{24^2, 12, 6^6, 4, 2^3\})$	2720
24	$\mathcal{O}(0; \{24^2, 12, 6^6, 4^3\})$	10880
24	$\mathcal{O}(0; \{24^2, 12, 6^7, 4, 3\})$	10912

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 2^{11}\})$	256
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 3^3, 2^7\})$	2816
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 3^6, 2^3\})$	21760
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^2, 2^8\})$	1024
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^2, 3^3, 2^4\})$	11264
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^2, 3^6\})$	87040
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^4, 2^5\})$	4096
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^4, 3^3, 2\})$	45056
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^6, 2^2\})$	16384
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 3, 2^8\})$	1280
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 3^4, 2^4\})$	11008
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 3^7\})$	87296
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4^2, 3, 2^5\})$	5120
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4^2, 3^4, 2\})$	44032
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4^4, 3, 2^2\})$	20480
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^2, 3^2, 2^5\})$	5376
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^2, 3^5, 2\})$	43776
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^2, 4^2, 3^2, 2^2\})$	21504
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^3, 2^6\})$	2816
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^3, 3^3, 2^2\})$	21760
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^3, 4^2, 2^3\})$	11264
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^3, 4^4\})$	45056
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^4, 3, 2^3\})$	11008
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^4, 4^2, 3\})$	44032
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^5, 3^2\})$	43776
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^6, 2\})$	21760
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 4, 2^6\})$	8192
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 4, 3^3, 2^2\})$	90112
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 4^3, 2^3\})$	32768
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 4^5\})$	131072
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6, 4, 3, 2^3\})$	40960
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6, 4^3, 3\})$	163840
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6^2, 4, 3^2\})$	172032
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6^3, 4, 2\})$	90112
24	$\mathcal{O}(0; \{24^2, 12, 8^6, 2^4\})$	65536
24	$\mathcal{O}(0; \{24^2, 12, 8^6, 3^3\})$	720896
24	$\mathcal{O}(0; \{24^2, 12, 8^6, 4^2, 2\})$	262144
24	$\mathcal{O}(0; \{24^2, 12, 8^6, 6, 3, 2\})$	327680
24	$\mathcal{O}(0; \{24^2, 12^2, 3^2, 2^{10}\})$	352
24	$\mathcal{O}(0; \{24^2, 12^2, 3^5, 2^6\})$	2720
24	$\mathcal{O}(0; \{24^2, 12^2, 3^8, 2^2\})$	21856
24	$\mathcal{O}(0; \{24^2, 12^2, 4^2, 3^2, 2^7\})$	1408
24	$\mathcal{O}(0; \{24^2, 12^2, 4^2, 3^5, 2^3\})$	10880

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12^2, 4^4, 3^2, 2^4\})$	5632
24	$\mathcal{O}(0; \{24^2, 12^2, 4^4, 3^5\})$	43520
24	$\mathcal{O}(0; \{24^2, 12^2, 4^6, 3^2, 2\})$	22528
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 2^{11}\})$	160
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 3^3, 2^7\})$	1376
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 3^6, 2^3\})$	10912
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^2, 2^8\})$	640
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^2, 3^3, 2^4\})$	5504
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^2, 3^6\})$	43648
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^4, 2^5\})$	2560
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^4, 3^3, 2\})$	22016
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^6, 2^2\})$	10240
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 3, 2^8\})$	672
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 3^4, 2^4\})$	5472
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 3^7\})$	43680
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4^2, 3, 2^5\})$	2688
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4^2, 3^4, 2\})$	21888
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4^4, 3, 2^2\})$	10752
24	$\mathcal{O}(0; \{24^2, 12^2, 6^3, 3^2, 2^5\})$	2720
24	$\mathcal{O}(0; \{24^2, 12^2, 6^3, 3^5, 2\})$	21856
24	$\mathcal{O}(0; \{24^2, 12^2, 6^3, 4^2, 3^2, 2^2\})$	10880
24	$\mathcal{O}(0; \{24^2, 12^2, 6^4, 2^6\})$	1376
24	$\mathcal{O}(0; \{24^2, 12^2, 6^4, 3^3, 2^2\})$	10912
24	$\mathcal{O}(0; \{24^2, 12^2, 6^4, 4^2, 2^3\})$	5504
24	$\mathcal{O}(0; \{24^2, 12^2, 6^4, 4^4\})$	22016
24	$\mathcal{O}(0; \{24^2, 12^2, 6^5, 3, 2^3\})$	5472
24	$\mathcal{O}(0; \{24^2, 12^2, 6^5, 4^2, 3\})$	21888
24	$\mathcal{O}(0; \{24^2, 12^2, 6^6, 3^2\})$	21856
24	$\mathcal{O}(0; \{24^2, 12^2, 6^7, 2\})$	10912
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 4, 3^2, 2^5\})$	11264
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 4, 3^5, 2\})$	87040
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 4^3, 3^2, 2^2\})$	45056
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6, 4, 2^6\})$	5120
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6, 4, 3^3, 2^2\})$	44032
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6, 4^3, 2^3\})$	20480
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6, 4^5\})$	81920
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^2, 4, 3, 2^3\})$	21504
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^2, 4^3, 3\})$	86016
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^3, 4, 3^2\})$	87040
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^4, 4, 2\})$	44032
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 3^2, 2^3\})$	90112
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 4^2, 3^2\})$	360448
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 6, 2^4\})$	40960

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 6, 3^3\})$	352256
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 6, 4^2, 2\})$	163840
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 6^2, 3, 2\})$	172032
24	$\mathcal{O}(0; \{24^2, 12^3, 4, 3, 2^8\})$	1408
24	$\mathcal{O}(0; \{24^2, 12^3, 4, 3^4, 2^4\})$	10880
24	$\mathcal{O}(0; \{24^2, 12^3, 4, 3^7\})$	87424
24	$\mathcal{O}(0; \{24^2, 12^3, 4^3, 3, 2^5\})$	5632
24	$\mathcal{O}(0; \{24^2, 12^3, 4^3, 3^4, 2\})$	43520
24	$\mathcal{O}(0; \{24^2, 12^3, 4^5, 3, 2^2\})$	22528
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 4, 3^2, 2^5\})$	5504
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 4, 3^5, 2\})$	43648
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 4^3, 3^2, 2^2\})$	22016
24	$\mathcal{O}(0; \{24^2, 12^3, 6^2, 4, 2^6\})$	2688
24	$\mathcal{O}(0; \{24^2, 12^3, 6^2, 4, 3^3, 2^2\})$	21888
24	$\mathcal{O}(0; \{24^2, 12^3, 6^2, 4^3, 2^3\})$	10752
24	$\mathcal{O}(0; \{24^2, 12^3, 6^2, 4^5\})$	43008
24	$\mathcal{O}(0; \{24^2, 12^3, 6^3, 4, 3, 2^3\})$	10880
24	$\mathcal{O}(0; \{24^2, 12^3, 6^3, 4^3, 3\})$	43520
24	$\mathcal{O}(0; \{24^2, 12^3, 6^4, 4, 3^2\})$	43648
24	$\mathcal{O}(0; \{24^2, 12^3, 6^5, 4, 2\})$	21888
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 3, 2^6\})$	11264
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 3^4, 2^2\})$	87040
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 4^2, 3, 2^3\})$	45056
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 4^4, 3\})$	180224
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6, 3^2, 2^3\})$	44032
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6, 4^2, 3^2\})$	176128
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6^2, 2^4\})$	21504
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6^2, 3^3\})$	175104
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6^2, 4^2, 2\})$	86016
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6^3, 3, 2\})$	87040
24	$\mathcal{O}(0; \{24^2, 12^3, 8^4, 4, 3, 2\})$	360448
24	$\mathcal{O}(0; \{24^2, 12^4, 2^9\})$	1408
24	$\mathcal{O}(0; \{24^2, 12^4, 3^3, 2^5\})$	10880
24	$\mathcal{O}(0; \{24^2, 12^4, 3^6, 2\})$	87424
24	$\mathcal{O}(0; \{24^2, 12^4, 4^2, 2^6\})$	5632
24	$\mathcal{O}(0; \{24^2, 12^4, 4^2, 3^3, 2^2\})$	43520
24	$\mathcal{O}(0; \{24^2, 12^4, 4^4, 2^3\})$	22528
24	$\mathcal{O}(0; \{24^2, 12^4, 4^6\})$	90112
24	$\mathcal{O}(0; \{24^2, 12^4, 6, 3, 2^6\})$	5504
24	$\mathcal{O}(0; \{24^2, 12^4, 6, 3^4, 2^2\})$	43648
24	$\mathcal{O}(0; \{24^2, 12^4, 6, 4^2, 3, 2^3\})$	22016
24	$\mathcal{O}(0; \{24^2, 12^4, 6, 4^4, 3\})$	88064
24	$\mathcal{O}(0; \{24^2, 12^4, 6^2, 3^2, 2^3\})$	21888

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12^4, 6^2, 4^2, 3^2\})$	87552
24	$\mathcal{O}(0; \{24^2, 12^4, 6^3, 2^4\})$	10880
24	$\mathcal{O}(0; \{24^2, 12^4, 6^3, 3^3\})$	87424
24	$\mathcal{O}(0; \{24^2, 12^4, 6^3, 4^2, 2\})$	43520
24	$\mathcal{O}(0; \{24^2, 12^4, 6^4, 3, 2\})$	43648
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 4, 2^4\})$	45056
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 4, 3^3\})$	348160
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 4^3, 2\})$	180224
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 6, 4, 3, 2\})$	176128
24	$\mathcal{O}(0; \{24^2, 12^4, 8^4, 2^2\})$	360448
24	$\mathcal{O}(0; \{24^2, 12^5, 4, 3^2, 2^3\})$	43520
24	$\mathcal{O}(0; \{24^2, 12^5, 4^3, 3^2\})$	174080
24	$\mathcal{O}(0; \{24^2, 12^5, 6, 4, 2^4\})$	22016
24	$\mathcal{O}(0; \{24^2, 12^5, 6, 4, 3^3\})$	174592
24	$\mathcal{O}(0; \{24^2, 12^5, 6, 4^3, 2\})$	88064
24	$\mathcal{O}(0; \{24^2, 12^5, 6^2, 4, 3, 2\})$	87552
24	$\mathcal{O}(0; \{24^2, 12^5, 8^2, 3^2, 2\})$	348160
24	$\mathcal{O}(0; \{24^2, 12^5, 8^2, 6, 2^2\})$	176128
24	$\mathcal{O}(0; \{24^2, 12^6, 3, 2^4\})$	43520
24	$\mathcal{O}(0; \{24^2, 12^6, 3^4\})$	349696
24	$\mathcal{O}(0; \{24^2, 12^6, 4^2, 3, 2\})$	174080
24	$\mathcal{O}(0; \{24^2, 12^6, 6, 3^2, 2\})$	174592
24	$\mathcal{O}(0; \{24^2, 12^6, 6^2, 2^2\})$	87552
24	$\mathcal{O}(0; \{24^2, 12^7, 4, 2^2\})$	174080
24	$\mathcal{O}(0; \{24^2, 12^7, 8^2\})$	1392640
24	$\mathcal{O}(0; \{24^2, 12^8, 6\})$	698368
24	$\mathcal{O}(0; \{24^3, 8, 3^2, 2^{10}\})$	640
24	$\mathcal{O}(0; \{24^3, 8, 3^5, 2^6\})$	5504
24	$\mathcal{O}(0; \{24^3, 8, 3^8, 2^2\})$	43648
24	$\mathcal{O}(0; \{24^3, 8, 4^2, 3^2, 2^7\})$	2560
24	$\mathcal{O}(0; \{24^3, 8, 4^2, 3^5, 2^3\})$	22016
24	$\mathcal{O}(0; \{24^3, 8, 4^4, 3^2, 2^4\})$	10240
24	$\mathcal{O}(0; \{24^3, 8, 4^4, 3^5\})$	88064
24	$\mathcal{O}(0; \{24^3, 8, 4^6, 3^2, 2\})$	40960
24	$\mathcal{O}(0; \{24^3, 8, 6, 2^{11}\})$	384
24	$\mathcal{O}(0; \{24^3, 8, 6, 3^3, 2^7\})$	2688
24	$\mathcal{O}(0; \{24^3, 8, 6, 3^6, 2^3\})$	21888
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^2, 2^8\})$	1536
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^2, 3^3, 2^4\})$	10752
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^2, 3^6\})$	87552
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^4, 2^5\})$	6144
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^4, 3^3, 2\})$	43008
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^6, 2^2\})$	24576

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 3, 2^8\})$	1408
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 3^4, 2^4\})$	10880
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 3^7\})$	87424
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4^2, 3, 2^5\})$	5632
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4^2, 3^4, 2\})$	43520
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4^4, 3, 2^2\})$	22528
24	$\mathcal{O}(0; \{24^3, 8, 6^3, 3^2, 2^5\})$	5504
24	$\mathcal{O}(0; \{24^3, 8, 6^3, 3^5, 2\})$	43648
24	$\mathcal{O}(0; \{24^3, 8, 6^3, 4^2, 3^2, 2^2\})$	22016
24	$\mathcal{O}(0; \{24^3, 8, 6^4, 2^6\})$	2688
24	$\mathcal{O}(0; \{24^3, 8, 6^4, 3^3, 2^2\})$	21888
24	$\mathcal{O}(0; \{24^3, 8, 6^4, 4^2, 2^3\})$	10752
24	$\mathcal{O}(0; \{24^3, 8, 6^4, 4^4\})$	43008
24	$\mathcal{O}(0; \{24^3, 8, 6^5, 3, 2^3\})$	10880
24	$\mathcal{O}(0; \{24^3, 8, 6^5, 4^2, 3\})$	43520
24	$\mathcal{O}(0; \{24^3, 8, 6^6, 3^2\})$	43648
24	$\mathcal{O}(0; \{24^3, 8, 6^7, 2\})$	21888
24	$\mathcal{O}(0; \{24^3, 8^3, 4, 3^2, 2^5\})$	20480
24	$\mathcal{O}(0; \{24^3, 8^3, 4, 3^5, 2\})$	176128
24	$\mathcal{O}(0; \{24^3, 8^3, 4^3, 3^2, 2^2\})$	81920
24	$\mathcal{O}(0; \{24^3, 8^3, 6, 4, 2^6\})$	12288
24	$\mathcal{O}(0; \{24^3, 8^3, 6, 4, 3^3, 2^2\})$	86016
24	$\mathcal{O}(0; \{24^3, 8^3, 6, 4^3, 2^3\})$	49152
24	$\mathcal{O}(0; \{24^3, 8^3, 6, 4^5\})$	196608
24	$\mathcal{O}(0; \{24^3, 8^3, 6^2, 4, 3, 2^3\})$	45056
24	$\mathcal{O}(0; \{24^3, 8^3, 6^2, 4^3, 3\})$	180224
24	$\mathcal{O}(0; \{24^3, 8^3, 6^3, 4, 3^2\})$	176128
24	$\mathcal{O}(0; \{24^3, 8^3, 6^4, 4, 2\})$	86016
24	$\mathcal{O}(0; \{24^3, 8^5, 3^2, 2^3\})$	163840
24	$\mathcal{O}(0; \{24^3, 8^5, 4^2, 3^2\})$	655360
24	$\mathcal{O}(0; \{24^3, 8^5, 6, 2^4\})$	98304
24	$\mathcal{O}(0; \{24^3, 8^5, 6, 3^3\})$	688128
24	$\mathcal{O}(0; \{24^3, 8^5, 6, 4^2, 2\})$	393216
24	$\mathcal{O}(0; \{24^3, 8^5, 6^2, 3, 2\})$	360448
24	$\mathcal{O}(0; \{24^3, 12, 8, 4, 3, 2^8\})$	2560
24	$\mathcal{O}(0; \{24^3, 12, 8, 4, 3^4, 2^4\})$	22016
24	$\mathcal{O}(0; \{24^3, 12, 8, 4, 3^7\})$	174592
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^3, 3, 2^5\})$	10240
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^3, 3^4, 2\})$	88064
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^5, 3, 2^2\})$	40960
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 4, 3^2, 2^5\})$	10752
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 4, 3^5, 2\})$	87552
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 4^3, 3^2, 2^2\})$	43008

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^2, 4, 2^6\})$	5632
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^2, 4, 3^3, 2^2\})$	43520
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^2, 4^3, 2^3\})$	22528
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^2, 4^5\})$	90112
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^3, 4, 3, 2^3\})$	22016
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^3, 4^3, 3\})$	88064
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^4, 4, 3^2\})$	87552
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^5, 4, 2\})$	43520
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 3, 2^6\})$	20480
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 3^4, 2^2\})$	176128
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 4^2, 3, 2^3\})$	81920
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 4^4, 3\})$	327680
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6, 3^2, 2^3\})$	86016
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6, 4^2, 3^2\})$	344064
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6^2, 2^4\})$	45056
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6^2, 3^3\})$	348160
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6^2, 4^2, 2\})$	180224
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6^3, 3, 2\})$	176128
24	$\mathcal{O}(0; \{24^3, 12, 8^5, 4, 3, 2\})$	655360
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 2^9\})$	2560
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 3^3, 2^5\})$	22016
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 3^6, 2\})$	174592
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 4^2, 2^6\})$	10240
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 4^2, 3^3, 2^2\})$	88064
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 4^4, 2^3\})$	40960
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 4^6\})$	163840
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6, 3, 2^6\})$	10752
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6, 3^4, 2^2\})$	87552
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6, 4^2, 3, 2^3\})$	43008
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6, 4^4, 3\})$	172032
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^2, 3^2, 2^3\})$	43520
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^2, 4^2, 3^2\})$	174080
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^3, 2^4\})$	22016
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^3, 3^3\})$	174592
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^3, 4^2, 2\})$	88064
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^4, 3, 2\})$	87552
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 4, 2^4\})$	81920
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 4, 3^3\})$	704512
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 4^3, 2\})$	327680
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 6, 4, 3, 2\})$	344064
24	$\mathcal{O}(0; \{24^3, 12^2, 8^5, 2^2\})$	655360
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 4, 3^2, 2^3\})$	88064
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 4^3, 3^2\})$	352256

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6, 4, 2^4\})$	43008
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6, 4, 3^3\})$	350208
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6, 4^3, 2\})$	172032
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6^2, 4, 3, 2\})$	174080
24	$\mathcal{O}(0; \{24^3, 12^3, 8^3, 3^2, 2\})$	704512
24	$\mathcal{O}(0; \{24^3, 12^3, 8^3, 6, 2^2\})$	344064
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 3, 2^4\})$	88064
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 3^4\})$	698368
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 4^2, 3, 2\})$	352256
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 6, 3^2, 2\})$	350208
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 6^2, 2^2\})$	174080
24	$\mathcal{O}(0; \{24^3, 12^5, 8, 4, 2^2\})$	352256
24	$\mathcal{O}(0; \{24^3, 12^5, 8^3\})$	2818048
24	$\mathcal{O}(0; \{24^3, 12^6, 8, 6\})$	1400832
24	$\mathcal{O}(0; \{24^4, 4, 2^{11}\})$	768
24	$\mathcal{O}(0; \{24^4, 4, 3^3, 2^7\})$	5376
24	$\mathcal{O}(0; \{24^4, 4, 3^6, 2^3\})$	43776
24	$\mathcal{O}(0; \{24^4, 4^3, 2^8\})$	3072
24	$\mathcal{O}(0; \{24^4, 4^3, 3^3, 2^4\})$	21504
24	$\mathcal{O}(0; \{24^4, 4^3, 3^6\})$	175104
24	$\mathcal{O}(0; \{24^4, 4^5, 2^5\})$	12288
24	$\mathcal{O}(0; \{24^4, 4^5, 3^3, 2\})$	86016
24	$\mathcal{O}(0; \{24^4, 4^7, 2^2\})$	49152
24	$\mathcal{O}(0; \{24^4, 6, 4, 3, 2^8\})$	2816
24	$\mathcal{O}(0; \{24^4, 6, 4, 3^4, 2^4\})$	21760
24	$\mathcal{O}(0; \{24^4, 6, 4, 3^7\})$	174848
24	$\mathcal{O}(0; \{24^4, 6, 4^3, 3, 2^5\})$	11264
24	$\mathcal{O}(0; \{24^4, 6, 4^3, 3^4, 2\})$	87040
24	$\mathcal{O}(0; \{24^4, 6, 4^5, 3, 2^2\})$	45056
24	$\mathcal{O}(0; \{24^4, 6^2, 4, 3^2, 2^5\})$	11008
24	$\mathcal{O}(0; \{24^4, 6^2, 4, 3^5, 2\})$	87296
24	$\mathcal{O}(0; \{24^4, 6^2, 4^3, 3^2, 2^2\})$	44032
24	$\mathcal{O}(0; \{24^4, 6^3, 4, 2^6\})$	5376
24	$\mathcal{O}(0; \{24^4, 6^3, 4, 3^3, 2^2\})$	43776
24	$\mathcal{O}(0; \{24^4, 6^3, 4^3, 2^3\})$	21504
24	$\mathcal{O}(0; \{24^4, 6^3, 4^5\})$	86016
24	$\mathcal{O}(0; \{24^4, 6^4, 4, 3, 2^3\})$	21760
24	$\mathcal{O}(0; \{24^4, 6^4, 4^3, 3\})$	87040
24	$\mathcal{O}(0; \{24^4, 6^5, 4, 3^2\})$	87296
24	$\mathcal{O}(0; \{24^4, 6^6, 4, 2\})$	43776
24	$\mathcal{O}(0; \{24^4, 8^2, 2^9\})$	6144
24	$\mathcal{O}(0; \{24^4, 8^2, 3^3, 2^5\})$	43008
24	$\mathcal{O}(0; \{24^4, 8^2, 3^6, 2\})$	350208

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^4, 8^2, 4^2, 2^6\})$	24576
24	$\mathcal{O}(0; \{24^4, 8^2, 4^2, 3^3, 2^2\})$	172032
24	$\mathcal{O}(0; \{24^4, 8^2, 4^4, 2^3\})$	98304
24	$\mathcal{O}(0; \{24^4, 8^2, 4^6\})$	393216
24	$\mathcal{O}(0; \{24^4, 8^2, 6, 3, 2^6\})$	22528
24	$\mathcal{O}(0; \{24^4, 8^2, 6, 3^4, 2^2\})$	174080
24	$\mathcal{O}(0; \{24^4, 8^2, 6, 4^2, 3, 2^3\})$	90112
24	$\mathcal{O}(0; \{24^4, 8^2, 6, 4^4, 3\})$	360448
24	$\mathcal{O}(0; \{24^4, 8^2, 6^2, 3^2, 2^3\})$	88064
24	$\mathcal{O}(0; \{24^4, 8^2, 6^2, 4^2, 3^2\})$	352256
24	$\mathcal{O}(0; \{24^4, 8^2, 6^3, 2^4\})$	43008
24	$\mathcal{O}(0; \{24^4, 8^2, 6^3, 3^3\})$	350208
24	$\mathcal{O}(0; \{24^4, 8^2, 6^3, 4^2, 2\})$	172032
24	$\mathcal{O}(0; \{24^4, 8^2, 6^4, 3, 2\})$	174080
24	$\mathcal{O}(0; \{24^4, 8^4, 4, 2^4\})$	196608
24	$\mathcal{O}(0; \{24^4, 8^4, 4, 3^3\})$	1376256
24	$\mathcal{O}(0; \{24^4, 8^4, 4^3, 2\})$	786432
24	$\mathcal{O}(0; \{24^4, 8^4, 6, 4, 3, 2\})$	720896
24	$\mathcal{O}(0; \{24^4, 8^6, 2^2\})$	1572864
24	$\mathcal{O}(0; \{24^4, 12, 3^2, 2^8\})$	5376
24	$\mathcal{O}(0; \{24^4, 12, 3^5, 2^4\})$	43776
24	$\mathcal{O}(0; \{24^4, 12, 3^8\})$	349440
24	$\mathcal{O}(0; \{24^4, 12, 4^2, 3^2, 2^5\})$	21504
24	$\mathcal{O}(0; \{24^4, 12, 4^2, 3^5, 2\})$	175104
24	$\mathcal{O}(0; \{24^4, 12, 4^4, 3^2, 2^2\})$	86016
24	$\mathcal{O}(0; \{24^4, 12, 6, 2^9\})$	2816
24	$\mathcal{O}(0; \{24^4, 12, 6, 3^3, 2^5\})$	21760
24	$\mathcal{O}(0; \{24^4, 12, 6, 3^6, 2\})$	174848
24	$\mathcal{O}(0; \{24^4, 12, 6, 4^2, 2^6\})$	11264
24	$\mathcal{O}(0; \{24^4, 12, 6, 4^2, 3^3, 2^2\})$	87040
24	$\mathcal{O}(0; \{24^4, 12, 6, 4^4, 2^3\})$	45056
24	$\mathcal{O}(0; \{24^4, 12, 6, 4^6\})$	180224
24	$\mathcal{O}(0; \{24^4, 12, 6^2, 3, 2^6\})$	11008
24	$\mathcal{O}(0; \{24^4, 12, 6^2, 3^4, 2^2\})$	87296
24	$\mathcal{O}(0; \{24^4, 12, 6^2, 4^2, 3, 2^3\})$	44032
24	$\mathcal{O}(0; \{24^4, 12, 6^2, 4^4, 3\})$	176128
24	$\mathcal{O}(0; \{24^4, 12, 6^3, 3^2, 2^3\})$	43776
24	$\mathcal{O}(0; \{24^4, 12, 6^3, 4^2, 3^2\})$	175104
24	$\mathcal{O}(0; \{24^4, 12, 6^4, 2^4\})$	21760
24	$\mathcal{O}(0; \{24^4, 12, 6^4, 3^3\})$	174848
24	$\mathcal{O}(0; \{24^4, 12, 6^4, 4^2, 2\})$	87040
24	$\mathcal{O}(0; \{24^4, 12, 6^5, 3, 2\})$	87296
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 4, 3^2, 2^3\})$	172032

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 4^3, 3^2\})$	688128
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6, 4, 2^4\})$	90112
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6, 4, 3^3\})$	696320
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6, 4^3, 2\})$	360448
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6^2, 4, 3, 2\})$	352256
24	$\mathcal{O}(0; \{24^4, 12, 8^4, 3^2, 2\})$	1376256
24	$\mathcal{O}(0; \{24^4, 12, 8^4, 6, 2^2\})$	720896
24	$\mathcal{O}(0; \{24^4, 12^2, 4, 3, 2^6\})$	21504
24	$\mathcal{O}(0; \{24^4, 12^2, 4, 3^4, 2^2\})$	175104
24	$\mathcal{O}(0; \{24^4, 12^2, 4^3, 3, 2^3\})$	86016
24	$\mathcal{O}(0; \{24^4, 12^2, 4^5, 3\})$	344064
24	$\mathcal{O}(0; \{24^4, 12^2, 6, 4, 3^2, 2^3\})$	87040
24	$\mathcal{O}(0; \{24^4, 12^2, 6, 4^3, 3^2\})$	348160
24	$\mathcal{O}(0; \{24^4, 12^2, 6^2, 4, 2^4\})$	44032
24	$\mathcal{O}(0; \{24^4, 12^2, 6^2, 4, 3^3\})$	349184
24	$\mathcal{O}(0; \{24^4, 12^2, 6^2, 4^3, 2\})$	176128
24	$\mathcal{O}(0; \{24^4, 12^2, 6^3, 4, 3, 2\})$	175104
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 3, 2^4\})$	172032
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 3^4\})$	1400832
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 4^2, 3, 2\})$	688128
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 6, 3^2, 2\})$	696320
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 6^2, 2^2\})$	352256
24	$\mathcal{O}(0; \{24^4, 12^3, 2^7\})$	21504
24	$\mathcal{O}(0; \{24^4, 12^3, 3^3, 2^3\})$	175104
24	$\mathcal{O}(0; \{24^4, 12^3, 4^2, 2^4\})$	86016
24	$\mathcal{O}(0; \{24^4, 12^3, 4^2, 3^3\})$	700416
24	$\mathcal{O}(0; \{24^4, 12^3, 4^4, 2\})$	344064
24	$\mathcal{O}(0; \{24^4, 12^3, 6, 3, 2^4\})$	87040
24	$\mathcal{O}(0; \{24^4, 12^3, 6, 3^4\})$	699392
24	$\mathcal{O}(0; \{24^4, 12^3, 6, 4^2, 3, 2\})$	348160
24	$\mathcal{O}(0; \{24^4, 12^3, 6^2, 3^2, 2\})$	349184
24	$\mathcal{O}(0; \{24^4, 12^3, 6^3, 2^2\})$	175104
24	$\mathcal{O}(0; \{24^4, 12^3, 8^2, 4, 2^2\})$	688128
24	$\mathcal{O}(0; \{24^4, 12^3, 8^4\})$	5505024
24	$\mathcal{O}(0; \{24^4, 12^4, 4, 3^2, 2\})$	700416
24	$\mathcal{O}(0; \{24^4, 12^4, 6, 4, 2^2\})$	348160
24	$\mathcal{O}(0; \{24^4, 12^4, 8^2, 6\})$	2785280
24	$\mathcal{O}(0; \{24^4, 12^5, 3, 2^2\})$	700416
24	$\mathcal{O}(0; \{24^4, 12^5, 6^2\})$	1396736
24	$\mathcal{O}(0; \{24^4, 12^6, 4\})$	2801664
24	$\mathcal{O}(0; \{24^5, 8, 4, 3, 2^6\})$	45056
24	$\mathcal{O}(0; \{24^5, 8, 4, 3^4, 2^2\})$	348160
24	$\mathcal{O}(0; \{24^5, 8, 4^3, 3, 2^3\})$	180224

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^5, 8, 4^5, 3\})$	720896
24	$\mathcal{O}(0; \{24^5, 8, 6, 4, 3^2, 2^3\})$	176128
24	$\mathcal{O}(0; \{24^5, 8, 6, 4^3, 3^2\})$	704512
24	$\mathcal{O}(0; \{24^5, 8, 6^2, 4, 2^4\})$	86016
24	$\mathcal{O}(0; \{24^5, 8, 6^2, 4, 3^3\})$	700416
24	$\mathcal{O}(0; \{24^5, 8, 6^2, 4^3, 2\})$	344064
24	$\mathcal{O}(0; \{24^5, 8, 6^3, 4, 3, 2\})$	348160
24	$\mathcal{O}(0; \{24^5, 8^3, 3, 2^4\})$	360448
24	$\mathcal{O}(0; \{24^5, 8^3, 3^4\})$	2785280
24	$\mathcal{O}(0; \{24^5, 8^3, 4^2, 3, 2\})$	1441792
24	$\mathcal{O}(0; \{24^5, 8^3, 6, 3^2, 2\})$	1409024
24	$\mathcal{O}(0; \{24^5, 8^3, 6^2, 2^2\})$	688128
24	$\mathcal{O}(0; \{24^5, 12, 8, 2^7\})$	45056
24	$\mathcal{O}(0; \{24^5, 12, 8, 3^3, 2^3\})$	348160
24	$\mathcal{O}(0; \{24^5, 12, 8, 4^2, 2^4\})$	180224
24	$\mathcal{O}(0; \{24^5, 12, 8, 4^2, 3^3\})$	1392640
24	$\mathcal{O}(0; \{24^5, 12, 8, 4^4, 2\})$	720896
24	$\mathcal{O}(0; \{24^5, 12, 8, 6, 3, 2^4\})$	176128
24	$\mathcal{O}(0; \{24^5, 12, 8, 6, 3^4\})$	1396736
24	$\mathcal{O}(0; \{24^5, 12, 8, 6, 4^2, 3, 2\})$	704512
24	$\mathcal{O}(0; \{24^5, 12, 8, 6^2, 3^2, 2\})$	700416
24	$\mathcal{O}(0; \{24^5, 12, 8, 6^3, 2^2\})$	348160
24	$\mathcal{O}(0; \{24^5, 12, 8^3, 4, 2^2\})$	1441792
24	$\mathcal{O}(0; \{24^5, 12, 8^5\})$	11534336
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 4, 3^2, 2\})$	1392640
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 6, 4, 2^2\})$	704512
24	$\mathcal{O}(0; \{24^5, 12^2, 8^3, 6\})$	5636096
24	$\mathcal{O}(0; \{24^5, 12^3, 8, 3, 2^2\})$	1392640
24	$\mathcal{O}(0; \{24^5, 12^3, 8, 6^2\})$	2801664
24	$\mathcal{O}(0; \{24^5, 12^4, 8, 4\})$	5570560
24	$\mathcal{O}(0; \{24^6, 3^2, 2^6\})$	88064
24	$\mathcal{O}(0; \{24^6, 3^5, 2^2\})$	698368
24	$\mathcal{O}(0; \{24^6, 4^2, 3^2, 2^3\})$	352256
24	$\mathcal{O}(0; \{24^6, 4^4, 3^2\})$	1409024
24	$\mathcal{O}(0; \{24^6, 6, 2^7\})$	43008
24	$\mathcal{O}(0; \{24^6, 6, 3^3, 2^3\})$	350208
24	$\mathcal{O}(0; \{24^6, 6, 4^2, 2^4\})$	172032
24	$\mathcal{O}(0; \{24^6, 6, 4^2, 3^3\})$	1400832
24	$\mathcal{O}(0; \{24^6, 6, 4^4, 2\})$	688128
24	$\mathcal{O}(0; \{24^6, 6^2, 3, 2^4\})$	174080
24	$\mathcal{O}(0; \{24^6, 6^2, 3^4\})$	1398784
24	$\mathcal{O}(0; \{24^6, 6^2, 4^2, 3, 2\})$	696320
24	$\mathcal{O}(0; \{24^6, 6^3, 3^2, 2\})$	698368

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^6, 6^4, 2^2\})$	350208
24	$\mathcal{O}(0; \{24^6, 8^2, 4, 3^2, 2\})$	2818048
24	$\mathcal{O}(0; \{24^6, 8^2, 6, 4, 2^2\})$	1376256
24	$\mathcal{O}(0; \{24^6, 8^4, 6\})$	11010048
24	$\mathcal{O}(0; \{24^6, 12, 4, 3, 2^4\})$	352256
24	$\mathcal{O}(0; \{24^6, 12, 4, 3^4\})$	2793472
24	$\mathcal{O}(0; \{24^6, 12, 4^3, 3, 2\})$	1409024
24	$\mathcal{O}(0; \{24^6, 12, 6, 4, 3^2, 2\})$	1400832
24	$\mathcal{O}(0; \{24^6, 12, 6^2, 4, 2^2\})$	696320
24	$\mathcal{O}(0; \{24^6, 12, 8^2, 3, 2^2\})$	2818048
24	$\mathcal{O}(0; \{24^6, 12, 8^2, 6^2\})$	5570560
24	$\mathcal{O}(0; \{24^6, 12^2, 2^5\})$	352256
24	$\mathcal{O}(0; \{24^6, 12^2, 3^3, 2\})$	2793472
24	$\mathcal{O}(0; \{24^6, 12^2, 4^2, 2^2\})$	1409024
24	$\mathcal{O}(0; \{24^6, 12^2, 6, 3, 2^2\})$	1400832
24	$\mathcal{O}(0; \{24^6, 12^2, 6^3\})$	2793472
24	$\mathcal{O}(0; \{24^6, 12^2, 8^2, 4\})$	11272192
24	$\mathcal{O}(0; \{24^6, 12^3, 6, 4\})$	5603328
24	$\mathcal{O}(0; \{24^6, 12^4, 3\})$	11173888
24	$\mathcal{O}(0; \{24^7, 8, 2^5\})$	688128
24	$\mathcal{O}(0; \{24^7, 8, 3^3, 2\})$	5603328
24	$\mathcal{O}(0; \{24^7, 8, 4^2, 2^2\})$	2752512
24	$\mathcal{O}(0; \{24^7, 8, 6, 3, 2^2\})$	2785280
24	$\mathcal{O}(0; \{24^7, 8, 6^3\})$	5603328
24	$\mathcal{O}(0; \{24^7, 8^3, 4\})$	22020096
24	$\mathcal{O}(0; \{24^7, 12, 8, 6, 4\})$	11141120
24	$\mathcal{O}(0; \{24^7, 12^2, 8, 3\})$	22413312
24	$\mathcal{O}(0; \{24^8, 4, 3, 2^2\})$	5570560
24	$\mathcal{O}(0; \{24^8, 6^2, 4\})$	11206656
24	$\mathcal{O}(0; \{24^8, 8^2, 3\})$	44564480
24	$\mathcal{O}(0; \{24^8, 12, 2^3\})$	5570560
24	$\mathcal{O}(0; \{24^8, 12, 4^2\})$	22282240
24	$\mathcal{O}(0; \{24^8, 12, 6, 3\})$	22347776
24	$\mathcal{O}(0; \{24^{10}, 2\})$	89653248
25	$\mathcal{O}(2; \{25^6\})$	1000976562500
25	$\mathcal{O}(0; \{25^6, 5^5\})$	2624000000
26	$\mathcal{O}(1; \{13^7, 2^2\})$	1863253392
26	$\mathcal{O}(1; \{26^2, 13^6\})$	22359048816
26	$\mathcal{O}(0; \{13^7, 2^6\})$	2756292
26	$\mathcal{O}(0; \{26^2, 13^6, 2^4\})$	33075516
26	$\mathcal{O}(0; \{26^4, 13^5, 2^2\})$	396906180
26	$\mathcal{O}(0; \{26^6, 13^4\})$	4762874172
27	$\mathcal{O}(2; \{27^4, 3^2\})$	9298091736

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
27	$\mathcal{O}(1; \{27^4, 3^5\})$	102036672
27	$\mathcal{O}(1; \{27^4, 9^3, 3\})$	1377495072
27	$\mathcal{O}(0; \{27^4, 3^8\})$	1119744
27	$\mathcal{O}(0; \{27^4, 9^3, 3^4\})$	15116544
27	$\mathcal{O}(0; \{27^4, 9^6\})$	204073344
27	$\mathcal{O}(0; \{27^7, 9^2, 3\})$	1607077584
28	$\mathcal{O}(3; \{28^2, 2^2\})$	5782683648
28	$\mathcal{O}(2; \{7^4, 4^2\})$	228652032
28	$\mathcal{O}(2; \{28, 7^2, 4, 2^3\})$	36879360
28	$\mathcal{O}(2; \{28, 7^2, 4^3\})$	147517440
28	$\mathcal{O}(2; \{28, 14^2, 7, 4, 2\})$	228652032
28	$\mathcal{O}(2; \{28^2, 2^6\})$	7375872
28	$\mathcal{O}(2; \{28^2, 4^2, 2^3\})$	29503488
28	$\mathcal{O}(2; \{28^2, 4^4\})$	118013952
28	$\mathcal{O}(1; \{7^4, 4^2, 2^4\})$	291648
28	$\mathcal{O}(1; \{7^4, 4^4, 2\})$	1166592
28	$\mathcal{O}(1; \{14^2, 7^3, 4^2, 2^2\})$	1740480
28	$\mathcal{O}(1; \{14^4, 7^2, 4^2\})$	10452288
28	$\mathcal{O}(1; \{28, 7^2, 4, 2^7\})$	47040
28	$\mathcal{O}(1; \{28, 7^2, 4^3, 2^4\})$	188160
28	$\mathcal{O}(1; \{28, 7^2, 4^5, 2\})$	752640
28	$\mathcal{O}(1; \{28, 14, 7^5, 4\})$	62704320
28	$\mathcal{O}(1; \{28, 14^2, 7, 4, 2^5\})$	291648
28	$\mathcal{O}(1; \{28, 14^2, 7, 4^3, 2^2\})$	1166592
28	$\mathcal{O}(1; \{28, 14^4, 4, 2^3\})$	1740480
28	$\mathcal{O}(1; \{28, 14^4, 4^3\})$	6961920
28	$\mathcal{O}(1; \{28^2, 2^{10}\})$	9408
28	$\mathcal{O}(1; \{28^2, 4^2, 2^7\})$	37632
28	$\mathcal{O}(1; \{28^2, 4^4, 2^4\})$	150528
28	$\mathcal{O}(1; \{28^2, 4^6, 2\})$	602112
28	$\mathcal{O}(1; \{28^2, 14, 7^3, 2^3\})$	10452288
28	$\mathcal{O}(1; \{28^2, 14, 7^3, 4^2\})$	41809152
28	$\mathcal{O}(1; \{28^2, 14^3, 7^2, 2\})$	62704320
28	$\mathcal{O}(1; \{28^3, 14, 7, 4, 2^3\})$	6961920
28	$\mathcal{O}(1; \{28^3, 14, 7, 4^3\})$	27847680
28	$\mathcal{O}(1; \{28^3, 14^3, 4, 2\})$	41809152
28	$\mathcal{O}(1; \{28^4, 7^3, 2\})$	250817280
28	$\mathcal{O}(1; \{28^5, 7, 4, 2\})$	167236608
28	$\mathcal{O}(0; \{7^4, 4^2, 2^8\})$	372
28	$\mathcal{O}(0; \{7^4, 4^4, 2^5\})$	1488
28	$\mathcal{O}(0; \{7^4, 4^6, 2^2\})$	5952
28	$\mathcal{O}(0; \{14, 7^7, 4^2, 2\})$	479892
28	$\mathcal{O}(0; \{14^2, 7^3, 4^2, 2^6\})$	2220

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(0; \{14^2, 7^3, 4^4, 2^3\})$	8880
28	$\mathcal{O}(0; \{14^2, 7^3, 4^6\})$	35520
28	$\mathcal{O}(0; \{14^4, 7^2, 4^2, 2^4\})$	13332
28	$\mathcal{O}(0; \{14^4, 7^2, 4^4, 2\})$	53328
28	$\mathcal{O}(0; \{14^6, 7, 4^2, 2^2\})$	79980
28	$\mathcal{O}(0; \{14^8, 4^2\})$	479892
28	$\mathcal{O}(0; \{28, 7^2, 4, 2^{11}\})$	60
28	$\mathcal{O}(0; \{28, 7^2, 4^3, 2^8\})$	240
28	$\mathcal{O}(0; \{28, 7^2, 4^5, 2^5\})$	960
28	$\mathcal{O}(0; \{28, 7^2, 4^7, 2^2\})$	3840
28	$\mathcal{O}(0; \{28, 14, 7^5, 4, 2^4\})$	79980
28	$\mathcal{O}(0; \{28, 14, 7^5, 4^3, 2\})$	319920
28	$\mathcal{O}(0; \{28, 14^2, 7, 4, 2^9\})$	372
28	$\mathcal{O}(0; \{28, 14^2, 7, 4^3, 2^6\})$	1488
28	$\mathcal{O}(0; \{28, 14^2, 7, 4^5, 2^3\})$	5952
28	$\mathcal{O}(0; \{28, 14^2, 7, 4^7\})$	23808
28	$\mathcal{O}(0; \{28, 14^3, 7^4, 4, 2^2\})$	479892
28	$\mathcal{O}(0; \{28, 14^4, 4, 2^7\})$	2220
28	$\mathcal{O}(0; \{28, 14^4, 4^3, 2^4\})$	8880
28	$\mathcal{O}(0; \{28, 14^4, 4^5, 2\})$	35520
28	$\mathcal{O}(0; \{28, 14^5, 7^3, 4\})$	2879340
28	$\mathcal{O}(0; \{28^2, 2^{14}\})$	12
28	$\mathcal{O}(0; \{28^2, 4^2, 2^{11}\})$	48
28	$\mathcal{O}(0; \{28^2, 4^4, 2^8\})$	192
28	$\mathcal{O}(0; \{28^2, 4^6, 2^5\})$	768
28	$\mathcal{O}(0; \{28^2, 4^8, 2^2\})$	3072
28	$\mathcal{O}(0; \{28^2, 7^7, 2^2\})$	2879340
28	$\mathcal{O}(0; \{28^2, 14, 7^3, 2^7\})$	13332
28	$\mathcal{O}(0; \{28^2, 14, 7^3, 4^2, 2^4\})$	53328
28	$\mathcal{O}(0; \{28^2, 14, 7^3, 4^4, 2\})$	213312
28	$\mathcal{O}(0; \{28^2, 14^2, 7^6\})$	17276052
28	$\mathcal{O}(0; \{28^2, 14^3, 7^2, 2^5\})$	79980
28	$\mathcal{O}(0; \{28^2, 14^3, 7^2, 4^2, 2^2\})$	319920
28	$\mathcal{O}(0; \{28^2, 14^5, 7, 2^3\})$	479892
28	$\mathcal{O}(0; \{28^2, 14^5, 7, 4^2\})$	1919568
28	$\mathcal{O}(0; \{28^2, 14^7, 2\})$	2879340
28	$\mathcal{O}(0; \{28^3, 7^5, 4, 2^2\})$	1919568
28	$\mathcal{O}(0; \{28^3, 14, 7, 4, 2^7\})$	8880
28	$\mathcal{O}(0; \{28^3, 14, 7, 4^3, 2^4\})$	35520
28	$\mathcal{O}(0; \{28^3, 14, 7, 4^5, 2\})$	142080
28	$\mathcal{O}(0; \{28^3, 14^2, 7^4, 4\})$	11517360
28	$\mathcal{O}(0; \{28^3, 14^3, 4, 2^5\})$	53328
28	$\mathcal{O}(0; \{28^3, 14^3, 4^3, 2^2\})$	213312

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(0; \{28^4, 7^3, 2^5\})$	319920
28	$\mathcal{O}(0; \{28^4, 7^3, 4^2, 2^2\})$	1279680
28	$\mathcal{O}(0; \{28^4, 14^2, 7^2, 2^3\})$	1919568
28	$\mathcal{O}(0; \{28^4, 14^2, 7^2, 4^2\})$	7678272
28	$\mathcal{O}(0; \{28^4, 14^4, 7, 2\})$	11517360
28	$\mathcal{O}(0; \{28^5, 7, 4, 2^5\})$	213312
28	$\mathcal{O}(0; \{28^5, 7, 4^3, 2^2\})$	853248
28	$\mathcal{O}(0; \{28^5, 14^2, 4, 2^3\})$	1279680
28	$\mathcal{O}(0; \{28^5, 14^2, 4^3\})$	5118720
28	$\mathcal{O}(0; \{28^6, 14, 7^2, 2\})$	46069440
28	$\mathcal{O}(0; \{28^7, 14, 4, 2\})$	30713088
29	$\mathcal{O}(0; \{29^9\})$	364774343220
30	$\mathcal{O}(2; \{10^2, 3^4\})$	19440000
30	$\mathcal{O}(2; \{10^2, 6, 3^2, 2\})$	6480000
30	$\mathcal{O}(2; \{10^2, 6^2, 2^2\})$	6480000
30	$\mathcal{O}(2; \{15, 10, 5, 3^2, 2\})$	19440000
30	$\mathcal{O}(2; \{15, 10, 6, 5, 2^2\})$	19440000
30	$\mathcal{O}(2; \{15, 10^3, 6\})$	84240000
30	$\mathcal{O}(2; \{15^2, 5^2, 2^2\})$	84240000
30	$\mathcal{O}(2; \{15^2, 10^2, 5\})$	330480000
30	$\mathcal{O}(2; \{15^3, 3, 2^2\})$	58320000
30	$\mathcal{O}(2; \{15^3, 6^2\})$	97200000
30	$\mathcal{O}(2; \{30, 15, 10, 3, 2^2\})$	19440000
30	$\mathcal{O}(2; \{30, 15, 10, 6^2\})$	58320000
30	$\mathcal{O}(2; \{30, 15^2, 6, 5\})$	252720000
30	$\mathcal{O}(2; \{30^2, 10, 6, 5\})$	84240000
30	$\mathcal{O}(2; \{30^2, 15, 5^2\})$	330480000
30	$\mathcal{O}(2; \{30^2, 15^2, 3\})$	421200000
30	$\mathcal{O}(2; \{30^3, 10, 3\})$	252720000
30	$\mathcal{O}(1; \{6^2, 5^6\})$	1476000
30	$\mathcal{O}(1; \{10, 5^3, 3^4, 2\})$	280800
30	$\mathcal{O}(1; \{10, 6, 5^3, 3^2, 2^2\})$	93600
30	$\mathcal{O}(1; \{10, 6^2, 5^3, 2^3\})$	93600
30	$\mathcal{O}(1; \{10, 6^3, 5^3, 3\})$	280800
30	$\mathcal{O}(1; \{10^2, 3^4, 2^4\})$	21600
30	$\mathcal{O}(1; \{10^2, 3^7\})$	151200
30	$\mathcal{O}(1; \{10^2, 6, 3^2, 2^5\})$	7200
30	$\mathcal{O}(1; \{10^2, 6, 3^5, 2\})$	79200
30	$\mathcal{O}(1; \{10^2, 6^2, 2^6\})$	7200
30	$\mathcal{O}(1; \{10^2, 6^2, 3^3, 2^2\})$	36000
30	$\mathcal{O}(1; \{10^2, 6^3, 3, 2^3\})$	21600
30	$\mathcal{O}(1; \{10^2, 6^4, 3^2\})$	79200
30	$\mathcal{O}(1; \{10^2, 6^5, 2\})$	36000

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{10^3, 6, 5^2, 3^2\})$	367200
30	$\mathcal{O}(1; \{10^3, 6^2, 5^2, 2\})$	367200
30	$\mathcal{O}(1; \{15, 5^4, 3^2, 2^2\})$	367200
30	$\mathcal{O}(1; \{15, 6, 5^4, 2^3\})$	367200
30	$\mathcal{O}(1; \{15, 6^2, 5^4, 3\})$	1101600
30	$\mathcal{O}(1; \{15, 10, 5, 3^2, 2^5\})$	21600
30	$\mathcal{O}(1; \{15, 10, 5, 3^5, 2\})$	237600
30	$\mathcal{O}(1; \{15, 10, 6, 5, 2^6\})$	21600
30	$\mathcal{O}(1; \{15, 10, 6, 5, 3^3, 2^2\})$	108000
30	$\mathcal{O}(1; \{15, 10, 6^2, 5, 3, 2^3\})$	64800
30	$\mathcal{O}(1; \{15, 10, 6^3, 5, 3^2\})$	237600
30	$\mathcal{O}(1; \{15, 10, 6^4, 5, 2\})$	108000
30	$\mathcal{O}(1; \{15, 10^2, 5^3, 3^2\})$	1476000
30	$\mathcal{O}(1; \{15, 10^2, 6, 5^3, 2\})$	1476000
30	$\mathcal{O}(1; \{15, 10^3, 3^2, 2^3\})$	93600
30	$\mathcal{O}(1; \{15, 10^3, 6, 2^4\})$	93600
30	$\mathcal{O}(1; \{15, 10^3, 6, 3^3\})$	468000
30	$\mathcal{O}(1; \{15, 10^3, 6^2, 3, 2\})$	280800
30	$\mathcal{O}(1; \{15^2, 5^2, 2^6\})$	93600
30	$\mathcal{O}(1; \{15^2, 5^2, 3^3, 2^2\})$	468000
30	$\mathcal{O}(1; \{15^2, 6, 5^2, 3, 2^3\})$	280800
30	$\mathcal{O}(1; \{15^2, 6^2, 5^2, 3^2\})$	1029600
30	$\mathcal{O}(1; \{15^2, 6^3, 5^2, 2\})$	468000
30	$\mathcal{O}(1; \{15^2, 10, 5^4, 2\})$	5896800
30	$\mathcal{O}(1; \{15^2, 10^2, 5, 2^4\})$	367200
30	$\mathcal{O}(1; \{15^2, 10^2, 5, 3^3\})$	1836000
30	$\mathcal{O}(1; \{15^2, 10^2, 6, 5, 3, 2\})$	1101600
30	$\mathcal{O}(1; \{15^2, 10^4, 2^2\})$	1476000
30	$\mathcal{O}(1; \{15^3, 3, 2^6\})$	64800
30	$\mathcal{O}(1; \{15^3, 3^4, 2^2\})$	453600
30	$\mathcal{O}(1; \{15^3, 6, 3^2, 2^3\})$	237600
30	$\mathcal{O}(1; \{15^3, 6^2, 2^4\})$	108000
30	$\mathcal{O}(1; \{15^3, 6^2, 3^3\})$	928800
30	$\mathcal{O}(1; \{15^3, 6^3, 3, 2\})$	453600
30	$\mathcal{O}(1; \{15^3, 10, 5^2, 3, 2\})$	4428000
30	$\mathcal{O}(1; \{15^4, 10, 3^2, 2\})$	4039200
30	$\mathcal{O}(1; \{15^4, 10, 6, 2^2\})$	1836000
30	$\mathcal{O}(1; \{15^5, 5, 2^2\})$	7380000
30	$\mathcal{O}(1; \{15^5, 10^2\})$	29484000
30	$\mathcal{O}(1; \{30, 6, 5^5, 3\})$	1476000
30	$\mathcal{O}(1; \{30, 10, 5^2, 3^3, 2^2\})$	280800
30	$\mathcal{O}(1; \{30, 10, 6, 5^2, 3, 2^3\})$	93600
30	$\mathcal{O}(1; \{30, 10, 6^2, 5^2, 3^2\})$	468000

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{30, 10, 6^3, 5^2, 2\})$	280800
30	$\mathcal{O}(1; \{30, 10^3, 5, 3^3\})$	1101600
30	$\mathcal{O}(1; \{30, 10^3, 6, 5, 3, 2\})$	367200
30	$\mathcal{O}(1; \{30, 15, 5^3, 3, 2^3\})$	367200
30	$\mathcal{O}(1; \{30, 15, 6, 5^3, 3^2\})$	1836000
30	$\mathcal{O}(1; \{30, 15, 6^2, 5^3, 2\})$	1101600
30	$\mathcal{O}(1; \{30, 15, 10, 3, 2^6\})$	21600
30	$\mathcal{O}(1; \{30, 15, 10, 3^4, 2^2\})$	237600
30	$\mathcal{O}(1; \{30, 15, 10, 6, 3^2, 2^3\})$	108000
30	$\mathcal{O}(1; \{30, 15, 10, 6^2, 2^4\})$	64800
30	$\mathcal{O}(1; \{30, 15, 10, 6^2, 3^3\})$	453600
30	$\mathcal{O}(1; \{30, 15, 10, 6^3, 3, 2\})$	237600
30	$\mathcal{O}(1; \{30, 15, 10^2, 5^2, 3, 2\})$	1476000
30	$\mathcal{O}(1; \{30, 15^2, 5, 3^2, 2^3\})$	468000
30	$\mathcal{O}(1; \{30, 15^2, 6, 5, 2^4\})$	280800
30	$\mathcal{O}(1; \{30, 15^2, 6, 5, 3^3\})$	1965600
30	$\mathcal{O}(1; \{30, 15^2, 6^2, 5, 3, 2\})$	1029600
30	$\mathcal{O}(1; \{30, 15^2, 10^2, 3^2, 2\})$	1836000
30	$\mathcal{O}(1; \{30, 15^2, 10^2, 6, 2^2\})$	1101600
30	$\mathcal{O}(1; \{30, 15^3, 10, 5, 2^2\})$	4428000
30	$\mathcal{O}(1; \{30, 15^3, 10^3\})$	17690400
30	$\mathcal{O}(1; \{30, 15^5, 6\})$	30996000
30	$\mathcal{O}(1; \{30^2, 5^4, 3^2\})$	4428000
30	$\mathcal{O}(1; \{30^2, 6, 5^4, 2\})$	1476000
30	$\mathcal{O}(1; \{30^2, 10, 5, 3^2, 2^3\})$	280800
30	$\mathcal{O}(1; \{30^2, 10, 6, 5, 2^4\})$	93600
30	$\mathcal{O}(1; \{30^2, 10, 6, 5, 3^3\})$	1029600
30	$\mathcal{O}(1; \{30^2, 10, 6^2, 5, 3, 2\})$	468000
30	$\mathcal{O}(1; \{30^2, 10^3, 3^2, 2\})$	1101600
30	$\mathcal{O}(1; \{30^2, 10^3, 6, 2^2\})$	367200
30	$\mathcal{O}(1; \{30^2, 15, 5^2, 2^4\})$	367200
30	$\mathcal{O}(1; \{30^2, 15, 5^2, 3^3\})$	4039200
30	$\mathcal{O}(1; \{30^2, 15, 6, 5^2, 3, 2\})$	1836000
30	$\mathcal{O}(1; \{30^2, 15, 10^2, 5, 2^2\})$	1476000
30	$\mathcal{O}(1; \{30^2, 15, 10^4\})$	5896800
30	$\mathcal{O}(1; \{30^2, 15^2, 3, 2^4\})$	468000
30	$\mathcal{O}(1; \{30^2, 15^2, 3^4\})$	4024800
30	$\mathcal{O}(1; \{30^2, 15^2, 6, 3^2, 2\})$	1965600
30	$\mathcal{O}(1; \{30^2, 15^2, 6^2, 2^2\})$	1029600
30	$\mathcal{O}(1; \{30^2, 15^3, 10, 6\})$	16236000
30	$\mathcal{O}(1; \{30^2, 15^4, 5\})$	64864800
30	$\mathcal{O}(1; \{30^3, 5^3, 3, 2\})$	4428000
30	$\mathcal{O}(1; \{30^3, 10, 3, 2^4\})$	280800

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{30^3, 10, 3^4\})$	1965600
30	$\mathcal{O}(1; \{30^3, 10, 6, 3^2, 2\})$	1029600
30	$\mathcal{O}(1; \{30^3, 10, 6^2, 2^2\})$	468000
30	$\mathcal{O}(1; \{30^3, 15, 5, 3^2, 2\})$	4039200
30	$\mathcal{O}(1; \{30^3, 15, 6, 5, 2^2\})$	1836000
30	$\mathcal{O}(1; \{30^3, 15, 10^2, 6\})$	7380000
30	$\mathcal{O}(1; \{30^3, 15^2, 10, 5\})$	29484000
30	$\mathcal{O}(1; \{30^4, 5^2, 2^2\})$	4428000
30	$\mathcal{O}(1; \{30^4, 10^2, 5\})$	17690400
30	$\mathcal{O}(1; \{30^4, 15, 3, 2^2\})$	4039200
30	$\mathcal{O}(1; \{30^4, 15, 6^2\})$	7711200
30	$\mathcal{O}(1; \{30^5, 6, 5\})$	16236000
30	$\mathcal{O}(1; \{30^6, 3\})$	30996000
30	$\mathcal{O}(0; \{5^6, 3^4, 2^2\})$	4920
30	$\mathcal{O}(0; \{6, 5^6, 3^2, 2^3\})$	1640
30	$\mathcal{O}(0; \{6^2, 5^6, 2^4\})$	1640
30	$\mathcal{O}(0; \{6^2, 5^6, 3^3\})$	8200
30	$\mathcal{O}(0; \{6^3, 5^6, 3, 2\})$	4920
30	$\mathcal{O}(0; \{10, 5^3, 3^4, 2^5\})$	312
30	$\mathcal{O}(0; \{10, 5^3, 3^7, 2\})$	2184
30	$\mathcal{O}(0; \{10, 6, 5^3, 3^2, 2^6\})$	104
30	$\mathcal{O}(0; \{10, 6, 5^3, 3^5, 2^2\})$	1144
30	$\mathcal{O}(0; \{10, 6^2, 5^3, 2^7\})$	104
30	$\mathcal{O}(0; \{10, 6^2, 5^3, 3^3, 2^3\})$	520
30	$\mathcal{O}(0; \{10, 6^3, 5^3, 3, 2^4\})$	312
30	$\mathcal{O}(0; \{10, 6^3, 5^3, 3^4\})$	2184
30	$\mathcal{O}(0; \{10, 6^4, 5^3, 3^2, 2\})$	1144
30	$\mathcal{O}(0; \{10, 6^5, 5^3, 2^2\})$	520
30	$\mathcal{O}(0; \{10^2, 3^4, 2^8\})$	24
30	$\mathcal{O}(0; \{10^2, 3^7, 2^4\})$	168
30	$\mathcal{O}(0; \{10^2, 3^{10}\})$	1368
30	$\mathcal{O}(0; \{10^2, 5^5, 3^4\})$	19656
30	$\mathcal{O}(0; \{10^2, 6, 3^2, 2^9\})$	8
30	$\mathcal{O}(0; \{10^2, 6, 3^5, 2^5\})$	88
30	$\mathcal{O}(0; \{10^2, 6, 3^8, 2\})$	680
30	$\mathcal{O}(0; \{10^2, 6, 5^5, 3^2, 2\})$	6552
30	$\mathcal{O}(0; \{10^2, 6^2, 2^{10}\})$	8
30	$\mathcal{O}(0; \{10^2, 6^2, 3^3, 2^6\})$	40
30	$\mathcal{O}(0; \{10^2, 6^2, 3^6, 2^2\})$	344
30	$\mathcal{O}(0; \{10^2, 6^2, 5^5, 2^2\})$	6552
30	$\mathcal{O}(0; \{10^2, 6^3, 3, 2^7\})$	24
30	$\mathcal{O}(0; \{10^2, 6^3, 3^4, 2^3\})$	168
30	$\mathcal{O}(0; \{10^2, 6^4, 3^2, 2^4\})$	88

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{10^2, 6^4, 3^5\})$	680
30	$\mathcal{O}(0; \{10^2, 6^5, 2^5\})$	40
30	$\mathcal{O}(0; \{10^2, 6^5, 3^3, 2\})$	344
30	$\mathcal{O}(0; \{10^2, 6^6, 3, 2^2\})$	168
30	$\mathcal{O}(0; \{10^2, 6^8\})$	344
30	$\mathcal{O}(0; \{10^3, 5^2, 3^4, 2^3\})$	1224
30	$\mathcal{O}(0; \{10^3, 6, 5^2, 3^2, 2^4\})$	408
30	$\mathcal{O}(0; \{10^3, 6, 5^2, 3^5\})$	4488
30	$\mathcal{O}(0; \{10^3, 6^2, 5^2, 2^5\})$	408
30	$\mathcal{O}(0; \{10^3, 6^2, 5^2, 3^3, 2\})$	2040
30	$\mathcal{O}(0; \{10^3, 6^3, 5^2, 3, 2^2\})$	1224
30	$\mathcal{O}(0; \{10^3, 6^5, 5^2\})$	2040
30	$\mathcal{O}(0; \{10^4, 6^2, 5^4\})$	26216
30	$\mathcal{O}(0; \{10^5, 5, 3^4, 2\})$	4920
30	$\mathcal{O}(0; \{10^5, 6, 5, 3^2, 2^2\})$	1640
30	$\mathcal{O}(0; \{10^5, 6^2, 5, 2^3\})$	1640
30	$\mathcal{O}(0; \{10^5, 6^3, 5, 3\})$	4920
30	$\mathcal{O}(0; \{10^7, 6, 3^2\})$	6552
30	$\mathcal{O}(0; \{10^7, 6^2, 2\})$	6552
30	$\mathcal{O}(0; \{15, 5^4, 3^2, 2^6\})$	408
30	$\mathcal{O}(0; \{15, 5^4, 3^5, 2^2\})$	4488
30	$\mathcal{O}(0; \{15, 6, 5^4, 2^7\})$	408
30	$\mathcal{O}(0; \{15, 6, 5^4, 3^3, 2^3\})$	2040
30	$\mathcal{O}(0; \{15, 6^2, 5^4, 3, 2^4\})$	1224
30	$\mathcal{O}(0; \{15, 6^2, 5^4, 3^4\})$	8568
30	$\mathcal{O}(0; \{15, 6^3, 5^4, 3^2, 2\})$	4488
30	$\mathcal{O}(0; \{15, 6^4, 5^4, 2^2\})$	2040
30	$\mathcal{O}(0; \{15, 10, 5, 3^2, 2^9\})$	24
30	$\mathcal{O}(0; \{15, 10, 5, 3^5, 2^5\})$	264
30	$\mathcal{O}(0; \{15, 10, 5, 3^8, 2\})$	2040
30	$\mathcal{O}(0; \{15, 10, 5^6, 3^2, 2\})$	26216
30	$\mathcal{O}(0; \{15, 10, 6, 5, 2^{10}\})$	24
30	$\mathcal{O}(0; \{15, 10, 6, 5, 3^3, 2^6\})$	120
30	$\mathcal{O}(0; \{15, 10, 6, 5, 3^6, 2^2\})$	1032
30	$\mathcal{O}(0; \{15, 10, 6, 5^6, 2^2\})$	26216
30	$\mathcal{O}(0; \{15, 10, 6^2, 5, 3, 2^7\})$	72
30	$\mathcal{O}(0; \{15, 10, 6^2, 5, 3^4, 2^3\})$	504
30	$\mathcal{O}(0; \{15, 10, 6^3, 5, 3^2, 2^4\})$	264
30	$\mathcal{O}(0; \{15, 10, 6^3, 5, 3^5\})$	2040
30	$\mathcal{O}(0; \{15, 10, 6^4, 5, 2^5\})$	120
30	$\mathcal{O}(0; \{15, 10, 6^4, 5, 3^3, 2\})$	1032
30	$\mathcal{O}(0; \{15, 10, 6^5, 5, 3, 2^2\})$	504
30	$\mathcal{O}(0; \{15, 10, 6^7, 5\})$	1032

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{15, 10^2, 5^3, 3^2, 2^4\})$	1640
30	$\mathcal{O}(0; \{15, 10^2, 5^3, 3^5\})$	18040
30	$\mathcal{O}(0; \{15, 10^2, 6, 5^3, 2^5\})$	1640
30	$\mathcal{O}(0; \{15, 10^2, 6, 5^3, 3^3, 2\})$	8200
30	$\mathcal{O}(0; \{15, 10^2, 6^2, 5^3, 3, 2^2\})$	4920
30	$\mathcal{O}(0; \{15, 10^2, 6^4, 5^3\})$	8200
30	$\mathcal{O}(0; \{15, 10^3, 3^2, 2^7\})$	104
30	$\mathcal{O}(0; \{15, 10^3, 3^5, 2^3\})$	1144
30	$\mathcal{O}(0; \{15, 10^3, 6, 2^8\})$	104
30	$\mathcal{O}(0; \{15, 10^3, 6, 3^3, 2^4\})$	520
30	$\mathcal{O}(0; \{15, 10^3, 6, 3^6\})$	4472
30	$\mathcal{O}(0; \{15, 10^3, 6, 5^5\})$	104856
30	$\mathcal{O}(0; \{15, 10^3, 6^2, 3, 2^5\})$	312
30	$\mathcal{O}(0; \{15, 10^3, 6^2, 3^4, 2\})$	2184
30	$\mathcal{O}(0; \{15, 10^3, 6^3, 3^2, 2^2\})$	1144
30	$\mathcal{O}(0; \{15, 10^3, 6^4, 2^3\})$	520
30	$\mathcal{O}(0; \{15, 10^3, 6^5, 3\})$	2184
30	$\mathcal{O}(0; \{15, 10^4, 5^2, 3^2, 2^2\})$	6552
30	$\mathcal{O}(0; \{15, 10^4, 6, 5^2, 2^3\})$	6552
30	$\mathcal{O}(0; \{15, 10^4, 6^2, 5^2, 3\})$	19656
30	$\mathcal{O}(0; \{15, 10^6, 5, 3^2\})$	26216
30	$\mathcal{O}(0; \{15, 10^6, 6, 5, 2\})$	26216
30	$\mathcal{O}(0; \{15^2, 5^2, 2^{10}\})$	104
30	$\mathcal{O}(0; \{15^2, 5^2, 3^3, 2^6\})$	520
30	$\mathcal{O}(0; \{15^2, 5^2, 3^6, 2^2\})$	4472
30	$\mathcal{O}(0; \{15^2, 5^7, 2^2\})$	104856
30	$\mathcal{O}(0; \{15^2, 6, 5^2, 3, 2^7\})$	312
30	$\mathcal{O}(0; \{15^2, 6, 5^2, 3^4, 2^3\})$	2184
30	$\mathcal{O}(0; \{15^2, 6^2, 5^2, 3^2, 2^4\})$	1144
30	$\mathcal{O}(0; \{15^2, 6^2, 5^2, 3^5\})$	8840
30	$\mathcal{O}(0; \{15^2, 6^3, 5^2, 2^5\})$	520
30	$\mathcal{O}(0; \{15^2, 6^3, 5^2, 3^3, 2\})$	4472
30	$\mathcal{O}(0; \{15^2, 6^4, 5^2, 3, 2^2\})$	2184
30	$\mathcal{O}(0; \{15^2, 6^6, 5^2\})$	4472
30	$\mathcal{O}(0; \{15^2, 10, 5^4, 2^5\})$	6552
30	$\mathcal{O}(0; \{15^2, 10, 5^4, 3^3, 2\})$	32760
30	$\mathcal{O}(0; \{15^2, 10, 6, 5^4, 3, 2^2\})$	19656
30	$\mathcal{O}(0; \{15^2, 10, 6^3, 5^4\})$	32760
30	$\mathcal{O}(0; \{15^2, 10^2, 5, 2^8\})$	408
30	$\mathcal{O}(0; \{15^2, 10^2, 5, 3^3, 2^4\})$	2040
30	$\mathcal{O}(0; \{15^2, 10^2, 5, 3^6\})$	17544
30	$\mathcal{O}(0; \{15^2, 10^2, 5^6\})$	419432
30	$\mathcal{O}(0; \{15^2, 10^2, 6, 5, 3, 2^5\})$	1224

Continued on next page

Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{15^2, 10^2, 6, 5, 3^4, 2\})$	8568
30	$\mathcal{O}(0; \{15^2, 10^2, 6^2, 5, 3^2, 2^2\})$	4488
30	$\mathcal{O}(0; \{15^2, 10^2, 6^3, 5, 2^3\})$	2040
30	$\mathcal{O}(0; \{15^2, 10^2, 6^4, 5, 3\})$	8568
30	$\mathcal{O}(0; \{15^2, 10^3, 5^3, 2^3\})$	26216
30	$\mathcal{O}(0; \{15^2, 10^3, 6, 5^3, 3\})$	78648
30	$\mathcal{O}(0; \{15^2, 10^4, 2^6\})$	1640
30	$\mathcal{O}(0; \{15^2, 10^4, 3^3, 2^2\})$	8200
30	$\mathcal{O}(0; \{15^2, 10^4, 6, 3, 2^3\})$	4920
30	$\mathcal{O}(0; \{15^2, 10^4, 6^2, 3^2\})$	18040
30	$\mathcal{O}(0; \{15^2, 10^4, 6^3, 2\})$	8200
30	$\mathcal{O}(0; \{15^2, 10^5, 5^2, 2\})$	104856
30	$\mathcal{O}(0; \{15^3, 3, 2^{10}\})$	72
30	$\mathcal{O}(0; \{15^3, 3^4, 2^6\})$	504
30	$\mathcal{O}(0; \{15^3, 3^7, 2^2\})$	4104
30	$\mathcal{O}(0; \{15^3, 5^5, 3, 2^2\})$	78648
30	$\mathcal{O}(0; \{15^3, 6, 3^2, 2^7\})$	264
30	$\mathcal{O}(0; \{15^3, 6, 3^5, 2^3\})$	2040
30	$\mathcal{O}(0; \{15^3, 6^2, 2^8\})$	120
30	$\mathcal{O}(0; \{15^3, 6^2, 3^3, 2^4\})$	1032
30	$\mathcal{O}(0; \{15^3, 6^2, 3^6\})$	8184
30	$\mathcal{O}(0; \{15^3, 6^2, 5^5\})$	131080
30	$\mathcal{O}(0; \{15^3, 6^3, 3, 2^5\})$	504
30	$\mathcal{O}(0; \{15^3, 6^3, 3^4, 2\})$	4104
30	$\mathcal{O}(0; \{15^3, 6^4, 3^2, 2^2\})$	2040
30	$\mathcal{O}(0; \{15^3, 6^5, 2^3\})$	1032
30	$\mathcal{O}(0; \{15^3, 6^6, 3\})$	4104
30	$\mathcal{O}(0; \{15^3, 10, 5^2, 3, 2^5\})$	4920
30	$\mathcal{O}(0; \{15^3, 10, 5^2, 3^4, 2\})$	34440
30	$\mathcal{O}(0; \{15^3, 10, 6, 5^2, 3^2, 2^2\})$	18040
30	$\mathcal{O}(0; \{15^3, 10, 6^2, 5^2, 2^3\})$	8200
30	$\mathcal{O}(0; \{15^3, 10, 6^3, 5^2, 3\})$	34440
30	$\mathcal{O}(0; \{15^3, 10^2, 5^4, 3\})$	314568
30	$\mathcal{O}(0; \{15^3, 10^3, 5, 3, 2^3\})$	19656
30	$\mathcal{O}(0; \{15^3, 10^3, 6, 5, 3^2\})$	72072
30	$\mathcal{O}(0; \{15^3, 10^3, 6^2, 5, 2\})$	32760
30	$\mathcal{O}(0; \{15^3, 10^5, 3, 2\})$	78648
30	$\mathcal{O}(0; \{15^4, 5^3, 3^2, 2^2\})$	72072
30	$\mathcal{O}(0; \{15^4, 6, 5^3, 2^3\})$	32760
30	$\mathcal{O}(0; \{15^4, 6^2, 5^3, 3\})$	137592
30	$\mathcal{O}(0; \{15^4, 10, 3^2, 2^5\})$	4488
30	$\mathcal{O}(0; \{15^4, 10, 3^5, 2\})$	34680
30	$\mathcal{O}(0; \{15^4, 10, 6, 2^6\})$	2040

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{15^4, 10, 6, 3^3, 2^2\})$	17544
30	$\mathcal{O}(0; \{15^4, 10, 6^2, 3, 2^3\})$	8568
30	$\mathcal{O}(0; \{15^4, 10, 6^3, 3^2\})$	34680
30	$\mathcal{O}(0; \{15^4, 10, 6^4, 2\})$	17544
30	$\mathcal{O}(0; \{15^4, 10^2, 5^2, 3^2\})$	288376
30	$\mathcal{O}(0; \{15^4, 10^2, 6, 5^2, 2\})$	131080
30	$\mathcal{O}(0; \{15^5, 5, 2^6\})$	8200
30	$\mathcal{O}(0; \{15^5, 5, 3^3, 2^2\})$	70520
30	$\mathcal{O}(0; \{15^5, 6, 5, 3, 2^3\})$	34440
30	$\mathcal{O}(0; \{15^5, 6^2, 5, 3^2\})$	139400
30	$\mathcal{O}(0; \{15^5, 6^3, 5, 2\})$	70520
30	$\mathcal{O}(0; \{15^5, 10, 5^3, 2\})$	524280
30	$\mathcal{O}(0; \{15^5, 10^2, 2^4\})$	32760
30	$\mathcal{O}(0; \{15^5, 10^2, 3^3\})$	281736
30	$\mathcal{O}(0; \{15^5, 10^2, 6, 3, 2\})$	137592
30	$\mathcal{O}(0; \{15^6, 10, 5, 3, 2\})$	550536
30	$\mathcal{O}(0; \{15^8, 2^2\})$	1127288
30	$\mathcal{O}(0; \{30, 5^5, 3^3, 2^3\})$	4920
30	$\mathcal{O}(0; \{30, 6, 5^5, 3, 2^4\})$	1640
30	$\mathcal{O}(0; \{30, 6, 5^5, 3^4\})$	18040
30	$\mathcal{O}(0; \{30, 6^2, 5^5, 3^2, 2\})$	8200
30	$\mathcal{O}(0; \{30, 6^3, 5^5, 2^2\})$	4920
30	$\mathcal{O}(0; \{30, 10, 5^2, 3^3, 2^6\})$	312
30	$\mathcal{O}(0; \{30, 10, 5^2, 3^6, 2^2\})$	2184
30	$\mathcal{O}(0; \{30, 10, 6, 5^2, 3, 2^7\})$	104
30	$\mathcal{O}(0; \{30, 10, 6, 5^2, 3^4, 2^3\})$	1144
30	$\mathcal{O}(0; \{30, 10, 6^2, 5^2, 3^2, 2^4\})$	520
30	$\mathcal{O}(0; \{30, 10, 6^2, 5^2, 3^5\})$	4472
30	$\mathcal{O}(0; \{30, 10, 6^3, 5^2, 2^5\})$	312
30	$\mathcal{O}(0; \{30, 10, 6^3, 5^2, 3^3, 2\})$	2184
30	$\mathcal{O}(0; \{30, 10, 6^4, 5^2, 3, 2^2\})$	1144
30	$\mathcal{O}(0; \{30, 10, 6^6, 5^2\})$	2184
30	$\mathcal{O}(0; \{30, 10^2, 5^4, 3^3, 2\})$	19656
30	$\mathcal{O}(0; \{30, 10^2, 6, 5^4, 3, 2^2\})$	6552
30	$\mathcal{O}(0; \{30, 10^2, 6^3, 5^4\})$	19656
30	$\mathcal{O}(0; \{30, 10^3, 5, 3^3, 2^4\})$	1224
30	$\mathcal{O}(0; \{30, 10^3, 5, 3^6\})$	8568
30	$\mathcal{O}(0; \{30, 10^3, 6, 5, 3, 2^5\})$	408
30	$\mathcal{O}(0; \{30, 10^3, 6, 5, 3^4, 2\})$	4488
30	$\mathcal{O}(0; \{30, 10^3, 6^2, 5, 3^2, 2^2\})$	2040
30	$\mathcal{O}(0; \{30, 10^3, 6^3, 5, 2^3\})$	1224
30	$\mathcal{O}(0; \{30, 10^3, 6^4, 5, 3\})$	4488
30	$\mathcal{O}(0; \{30, 10^4, 6, 5^3, 3\})$	26216

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30, 10^5, 3^3, 2^2\})$	4920
30	$\mathcal{O}(0; \{30, 10^5, 6, 3, 2^3\})$	1640
30	$\mathcal{O}(0; \{30, 10^5, 6^2, 3^2\})$	8200
30	$\mathcal{O}(0; \{30, 10^5, 6^3, 2\})$	4920
30	$\mathcal{O}(0; \{30, 15, 5^3, 3, 2^7\})$	408
30	$\mathcal{O}(0; \{30, 15, 5^3, 3^4, 2^3\})$	4488
30	$\mathcal{O}(0; \{30, 15, 6, 5^3, 3^2, 2^4\})$	2040
30	$\mathcal{O}(0; \{30, 15, 6, 5^3, 3^5\})$	17544
30	$\mathcal{O}(0; \{30, 15, 6^2, 5^3, 2^5\})$	1224
30	$\mathcal{O}(0; \{30, 15, 6^2, 5^3, 3^3, 2\})$	8568
30	$\mathcal{O}(0; \{30, 15, 6^3, 5^3, 3, 2^2\})$	4488
30	$\mathcal{O}(0; \{30, 15, 6^5, 5^3\})$	8568
30	$\mathcal{O}(0; \{30, 15, 10, 3, 2^{10}\})$	24
30	$\mathcal{O}(0; \{30, 15, 10, 3^4, 2^6\})$	264
30	$\mathcal{O}(0; \{30, 15, 10, 3^7, 2^2\})$	2040
30	$\mathcal{O}(0; \{30, 15, 10, 5^5, 3, 2^2\})$	26216
30	$\mathcal{O}(0; \{30, 15, 10, 6, 3^2, 2^7\})$	120
30	$\mathcal{O}(0; \{30, 15, 10, 6, 3^5, 2^3\})$	1032
30	$\mathcal{O}(0; \{30, 15, 10, 6^2, 2^8\})$	72
30	$\mathcal{O}(0; \{30, 15, 10, 6^2, 3^3, 2^4\})$	504
30	$\mathcal{O}(0; \{30, 15, 10, 6^2, 3^6\})$	4104
30	$\mathcal{O}(0; \{30, 15, 10, 6^2, 5^5\})$	78648
30	$\mathcal{O}(0; \{30, 15, 10, 6^3, 3, 2^5\})$	264
30	$\mathcal{O}(0; \{30, 15, 10, 6^3, 3^4, 2\})$	2040
30	$\mathcal{O}(0; \{30, 15, 10, 6^4, 3^2, 2^2\})$	1032
30	$\mathcal{O}(0; \{30, 15, 10, 6^5, 2^3\})$	504
30	$\mathcal{O}(0; \{30, 15, 10, 6^6, 3\})$	2040
30	$\mathcal{O}(0; \{30, 15, 10^2, 5^2, 3, 2^5\})$	1640
30	$\mathcal{O}(0; \{30, 15, 10^2, 5^2, 3^4, 2\})$	18040
30	$\mathcal{O}(0; \{30, 15, 10^2, 6, 5^2, 3^2, 2^2\})$	8200
30	$\mathcal{O}(0; \{30, 15, 10^2, 6^2, 5^2, 2^3\})$	4920
30	$\mathcal{O}(0; \{30, 15, 10^2, 6^3, 5^2, 3\})$	18040
30	$\mathcal{O}(0; \{30, 15, 10^3, 5^4, 3\})$	104856
30	$\mathcal{O}(0; \{30, 15, 10^4, 5, 3, 2^3\})$	6552
30	$\mathcal{O}(0; \{30, 15, 10^4, 6, 5, 3^2\})$	32760
30	$\mathcal{O}(0; \{30, 15, 10^4, 6^2, 5, 2\})$	19656
30	$\mathcal{O}(0; \{30, 15, 10^6, 3, 2\})$	26216
30	$\mathcal{O}(0; \{30, 15^2, 5, 3^2, 2^7\})$	520
30	$\mathcal{O}(0; \{30, 15^2, 5, 3^5, 2^3\})$	4472
30	$\mathcal{O}(0; \{30, 15^2, 6, 5, 2^8\})$	312
30	$\mathcal{O}(0; \{30, 15^2, 6, 5, 3^3, 2^4\})$	2184
30	$\mathcal{O}(0; \{30, 15^2, 6, 5, 3^6\})$	17784
30	$\mathcal{O}(0; \{30, 15^2, 6, 5^6\})$	314568

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30, 15^2, 6^2, 5, 3, 2^5\})$	1144
30	$\mathcal{O}(0; \{30, 15^2, 6^2, 5, 3^4, 2\})$	8840
30	$\mathcal{O}(0; \{30, 15^2, 6^3, 5, 3^2, 2^2\})$	4472
30	$\mathcal{O}(0; \{30, 15^2, 6^4, 5, 2^3\})$	2184
30	$\mathcal{O}(0; \{30, 15^2, 6^5, 5, 3\})$	8840
30	$\mathcal{O}(0; \{30, 15^2, 10, 5^3, 3^2, 2^2\})$	32760
30	$\mathcal{O}(0; \{30, 15^2, 10, 6, 5^3, 2^3\})$	19656
30	$\mathcal{O}(0; \{30, 15^2, 10, 6^2, 5^3, 3\})$	72072
30	$\mathcal{O}(0; \{30, 15^2, 10^2, 3^2, 2^5\})$	2040
30	$\mathcal{O}(0; \{30, 15^2, 10^2, 3^5, 2\})$	17544
30	$\mathcal{O}(0; \{30, 15^2, 10^2, 6, 2^6\})$	1224
30	$\mathcal{O}(0; \{30, 15^2, 10^2, 6, 3^3, 2^2\})$	8568
30	$\mathcal{O}(0; \{30, 15^2, 10^2, 6^2, 3, 2^3\})$	4488
30	$\mathcal{O}(0; \{30, 15^2, 10^2, 6^3, 3^2\})$	17544
30	$\mathcal{O}(0; \{30, 15^2, 10^2, 6^4, 2\})$	8568
30	$\mathcal{O}(0; \{30, 15^2, 10^3, 5^2, 3^2\})$	131080
30	$\mathcal{O}(0; \{30, 15^2, 10^3, 6, 5^2, 2\})$	78648
30	$\mathcal{O}(0; \{30, 15^3, 5^4, 2^3\})$	78648
30	$\mathcal{O}(0; \{30, 15^3, 6, 5^4, 3\})$	288376
30	$\mathcal{O}(0; \{30, 15^3, 10, 5, 2^6\})$	4920
30	$\mathcal{O}(0; \{30, 15^3, 10, 5, 3^3, 2^2\})$	34440
30	$\mathcal{O}(0; \{30, 15^3, 10, 6, 5, 3, 2^3\})$	18040
30	$\mathcal{O}(0; \{30, 15^3, 10, 6^2, 5, 3^2\})$	70520
30	$\mathcal{O}(0; \{30, 15^3, 10, 6^3, 5, 2\})$	34440
30	$\mathcal{O}(0; \{30, 15^3, 10^2, 5^3, 2\})$	314568
30	$\mathcal{O}(0; \{30, 15^3, 10^3, 2^4\})$	19656
30	$\mathcal{O}(0; \{30, 15^3, 10^3, 3^3\})$	137592
30	$\mathcal{O}(0; \{30, 15^3, 10^3, 6, 3, 2\})$	72072
30	$\mathcal{O}(0; \{30, 15^4, 5^2, 3, 2^3\})$	72072
30	$\mathcal{O}(0; \{30, 15^4, 6, 5^2, 3^2\})$	281736
30	$\mathcal{O}(0; \{30, 15^4, 6^2, 5^2, 2\})$	137592
30	$\mathcal{O}(0; \{30, 15^4, 10^2, 5, 3, 2\})$	288376
30	$\mathcal{O}(0; \{30, 15^5, 3^2, 2^3\})$	70520
30	$\mathcal{O}(0; \{30, 15^5, 6, 2^4\})$	34440
30	$\mathcal{O}(0; \{30, 15^5, 6, 3^3\})$	280440
30	$\mathcal{O}(0; \{30, 15^5, 6^2, 3, 2\})$	139400
30	$\mathcal{O}(0; \{30, 15^6, 10, 2^2\})$	550536
30	$\mathcal{O}(0; \{30^2, 5^4, 3^2, 2^4\})$	4920
30	$\mathcal{O}(0; \{30^2, 5^4, 3^5\})$	34440
30	$\mathcal{O}(0; \{30^2, 6, 5^4, 2^5\})$	1640
30	$\mathcal{O}(0; \{30^2, 6, 5^4, 3^3, 2\})$	18040
30	$\mathcal{O}(0; \{30^2, 6^2, 5^4, 3, 2^2\})$	8200
30	$\mathcal{O}(0; \{30^2, 6^4, 5^4\})$	18040

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30^2, 10, 5, 3^2, 2^7\})$	312
30	$\mathcal{O}(0; \{30^2, 10, 5, 3^5, 2^3\})$	2184
30	$\mathcal{O}(0; \{30^2, 10, 6, 5, 2^8\})$	104
30	$\mathcal{O}(0; \{30^2, 10, 6, 5, 3^3, 2^4\})$	1144
30	$\mathcal{O}(0; \{30^2, 10, 6, 5, 3^6\})$	8840
30	$\mathcal{O}(0; \{30^2, 10, 6, 5^6\})$	104856
30	$\mathcal{O}(0; \{30^2, 10, 6^2, 5, 3, 2^5\})$	520
30	$\mathcal{O}(0; \{30^2, 10, 6^2, 5, 3^4, 2\})$	4472
30	$\mathcal{O}(0; \{30^2, 10, 6^3, 5, 3^2, 2^2\})$	2184
30	$\mathcal{O}(0; \{30^2, 10, 6^4, 5, 2^3\})$	1144
30	$\mathcal{O}(0; \{30^2, 10, 6^5, 5, 3\})$	4472
30	$\mathcal{O}(0; \{30^2, 10^2, 5^3, 3^2, 2^2\})$	19656
30	$\mathcal{O}(0; \{30^2, 10^2, 6, 5^3, 2^3\})$	6552
30	$\mathcal{O}(0; \{30^2, 10^2, 6^2, 5^3, 3\})$	32760
30	$\mathcal{O}(0; \{30^2, 10^3, 3^2, 2^5\})$	1224
30	$\mathcal{O}(0; \{30^2, 10^3, 3^5, 2\})$	8568
30	$\mathcal{O}(0; \{30^2, 10^3, 6, 2^6\})$	408
30	$\mathcal{O}(0; \{30^2, 10^3, 6, 3^3, 2^2\})$	4488
30	$\mathcal{O}(0; \{30^2, 10^3, 6^2, 3, 2^3\})$	2040
30	$\mathcal{O}(0; \{30^2, 10^3, 6^3, 3^2\})$	8568
30	$\mathcal{O}(0; \{30^2, 10^3, 6^4, 2\})$	4488
30	$\mathcal{O}(0; \{30^2, 10^4, 5^2, 3^2\})$	78648
30	$\mathcal{O}(0; \{30^2, 10^4, 6, 5^2, 2\})$	26216
30	$\mathcal{O}(0; \{30^2, 15, 5^2, 2^8\})$	408
30	$\mathcal{O}(0; \{30^2, 15, 5^2, 3^3, 2^4\})$	4488
30	$\mathcal{O}(0; \{30^2, 15, 5^2, 3^6\})$	34680
30	$\mathcal{O}(0; \{30^2, 15, 5^7\})$	419432
30	$\mathcal{O}(0; \{30^2, 15, 6, 5^2, 3, 2^5\})$	2040
30	$\mathcal{O}(0; \{30^2, 15, 6, 5^2, 3^4, 2\})$	17544
30	$\mathcal{O}(0; \{30^2, 15, 6^2, 5^2, 3^2, 2^2\})$	8568
30	$\mathcal{O}(0; \{30^2, 15, 6^3, 5^2, 2^3\})$	4488
30	$\mathcal{O}(0; \{30^2, 15, 6^4, 5^2, 3\})$	17544
30	$\mathcal{O}(0; \{30^2, 15, 10, 5^4, 2^3\})$	26216
30	$\mathcal{O}(0; \{30^2, 15, 10, 6, 5^4, 3\})$	131080
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 5, 2^6\})$	1640
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 5, 3^3, 2^2\})$	18040
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 6, 5, 3, 2^3\})$	8200
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 6^2, 5, 3^2\})$	34440
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 6^3, 5, 2\})$	18040
30	$\mathcal{O}(0; \{30^2, 15, 10^3, 5^3, 2\})$	104856
30	$\mathcal{O}(0; \{30^2, 15, 10^4, 2^4\})$	6552
30	$\mathcal{O}(0; \{30^2, 15, 10^4, 3^3\})$	72072
30	$\mathcal{O}(0; \{30^2, 15, 10^4, 6, 3, 2\})$	32760

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30^2, 15^2, 3, 2^8\})$	520
30	$\mathcal{O}(0; \{30^2, 15^2, 3^4, 2^4\})$	4472
30	$\mathcal{O}(0; \{30^2, 15^2, 3^7\})$	35464
30	$\mathcal{O}(0; \{30^2, 15^2, 5^5, 3\})$	524280
30	$\mathcal{O}(0; \{30^2, 15^2, 6, 3^2, 2^5\})$	2184
30	$\mathcal{O}(0; \{30^2, 15^2, 6, 3^5, 2\})$	17784
30	$\mathcal{O}(0; \{30^2, 15^2, 6^2, 2^6\})$	1144
30	$\mathcal{O}(0; \{30^2, 15^2, 6^2, 3^3, 2^2\})$	8840
30	$\mathcal{O}(0; \{30^2, 15^2, 6^3, 3, 2^3\})$	4472
30	$\mathcal{O}(0; \{30^2, 15^2, 6^4, 3^2\})$	17784
30	$\mathcal{O}(0; \{30^2, 15^2, 6^5, 2\})$	8840
30	$\mathcal{O}(0; \{30^2, 15^2, 10, 5^2, 3, 2^3\})$	32760
30	$\mathcal{O}(0; \{30^2, 15^2, 10, 6, 5^2, 3^2\})$	137592
30	$\mathcal{O}(0; \{30^2, 15^2, 10, 6^2, 5^2, 2\})$	72072
30	$\mathcal{O}(0; \{30^2, 15^2, 10^3, 5, 3, 2\})$	131080
30	$\mathcal{O}(0; \{30^2, 15^3, 5^3, 3^2\})$	550536
30	$\mathcal{O}(0; \{30^2, 15^3, 6, 5^3, 2\})$	288376
30	$\mathcal{O}(0; \{30^2, 15^3, 10, 3^2, 2^3\})$	34440
30	$\mathcal{O}(0; \{30^2, 15^3, 10, 6, 2^4\})$	18040
30	$\mathcal{O}(0; \{30^2, 15^3, 10, 6, 3^3\})$	139400
30	$\mathcal{O}(0; \{30^2, 15^3, 10, 6^2, 3, 2\})$	70520
30	$\mathcal{O}(0; \{30^2, 15^4, 5, 2^4\})$	72072
30	$\mathcal{O}(0; \{30^2, 15^4, 5, 3^3\})$	556920
30	$\mathcal{O}(0; \{30^2, 15^4, 6, 5, 3, 2\})$	281736
30	$\mathcal{O}(0; \{30^2, 15^4, 10^2, 2^2\})$	288376
30	$\mathcal{O}(0; \{30^2, 15^7\})$	8912760
30	$\mathcal{O}(0; \{30^3, 5^3, 3, 2^5\})$	4920
30	$\mathcal{O}(0; \{30^3, 5^3, 3^4, 2\})$	34440
30	$\mathcal{O}(0; \{30^3, 6, 5^3, 3^2, 2^2\})$	18040
30	$\mathcal{O}(0; \{30^3, 6^2, 5^3, 2^3\})$	8200
30	$\mathcal{O}(0; \{30^3, 6^3, 5^3, 3\})$	34440
30	$\mathcal{O}(0; \{30^3, 10, 3, 2^8\})$	312
30	$\mathcal{O}(0; \{30^3, 10, 3^4, 2^4\})$	2184
30	$\mathcal{O}(0; \{30^3, 10, 3^7\})$	17784
30	$\mathcal{O}(0; \{30^3, 10, 5^5, 3\})$	314568
30	$\mathcal{O}(0; \{30^3, 10, 6, 3^2, 2^5\})$	1144
30	$\mathcal{O}(0; \{30^3, 10, 6, 3^5, 2\})$	8840
30	$\mathcal{O}(0; \{30^3, 10, 6^2, 2^6\})$	520
30	$\mathcal{O}(0; \{30^3, 10, 6^2, 3^3, 2^2\})$	4472
30	$\mathcal{O}(0; \{30^3, 10, 6^3, 3, 2^3\})$	2184
30	$\mathcal{O}(0; \{30^3, 10, 6^4, 3^2\})$	8840
30	$\mathcal{O}(0; \{30^3, 10, 6^5, 2\})$	4472
30	$\mathcal{O}(0; \{30^3, 10^2, 5^2, 3, 2^3\})$	19656

Continued on next page

Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30^3, 10^2, 6, 5^2, 3^2\})$	72072
30	$\mathcal{O}(0; \{30^3, 10^2, 6^2, 5^2, 2\})$	32760
30	$\mathcal{O}(0; \{30^3, 10^4, 5, 3, 2\})$	78648
30	$\mathcal{O}(0; \{30^3, 15, 5, 3^2, 2^5\})$	4488
30	$\mathcal{O}(0; \{30^3, 15, 5, 3^5, 2\})$	34680
30	$\mathcal{O}(0; \{30^3, 15, 6, 5, 2^6\})$	2040
30	$\mathcal{O}(0; \{30^3, 15, 6, 5, 3^3, 2^2\})$	17544
30	$\mathcal{O}(0; \{30^3, 15, 6^2, 5, 3, 2^3\})$	8568
30	$\mathcal{O}(0; \{30^3, 15, 6^3, 5, 3^2\})$	34680
30	$\mathcal{O}(0; \{30^3, 15, 6^4, 5, 2\})$	17544
30	$\mathcal{O}(0; \{30^3, 15, 10, 5^3, 3^2\})$	288376
30	$\mathcal{O}(0; \{30^3, 15, 10, 6, 5^3, 2\})$	131080
30	$\mathcal{O}(0; \{30^3, 15, 10^2, 3^2, 2^3\})$	18040
30	$\mathcal{O}(0; \{30^3, 15, 10^2, 6, 2^4\})$	8200
30	$\mathcal{O}(0; \{30^3, 15, 10^2, 6, 3^3\})$	70520
30	$\mathcal{O}(0; \{30^3, 15, 10^2, 6^2, 3, 2\})$	34440
30	$\mathcal{O}(0; \{30^3, 15^2, 5^4, 2\})$	524280
30	$\mathcal{O}(0; \{30^3, 15^2, 10, 5, 2^4\})$	32760
30	$\mathcal{O}(0; \{30^3, 15^2, 10, 5, 3^3\})$	281736
30	$\mathcal{O}(0; \{30^3, 15^2, 10, 6, 5, 3, 2\})$	137592
30	$\mathcal{O}(0; \{30^3, 15^2, 10^3, 2^2\})$	131080
30	$\mathcal{O}(0; \{30^3, 15^3, 5^2, 3, 2\})$	550536
30	$\mathcal{O}(0; \{30^3, 15^4, 3^2, 2\})$	556920
30	$\mathcal{O}(0; \{30^3, 15^4, 6, 2^2\})$	281736
30	$\mathcal{O}(0; \{30^3, 15^5, 10\})$	4508808
30	$\mathcal{O}(0; \{30^4, 5^2, 2^6\})$	4920
30	$\mathcal{O}(0; \{30^4, 5^2, 3^3, 2^2\})$	34440
30	$\mathcal{O}(0; \{30^4, 6, 5^2, 3, 2^3\})$	18040
30	$\mathcal{O}(0; \{30^4, 6^2, 5^2, 3^2\})$	70520
30	$\mathcal{O}(0; \{30^4, 6^3, 5^2, 2\})$	34440
30	$\mathcal{O}(0; \{30^4, 10, 5^4, 2\})$	314568
30	$\mathcal{O}(0; \{30^4, 10^2, 5, 2^4\})$	19656
30	$\mathcal{O}(0; \{30^4, 10^2, 5, 3^3\})$	137592
30	$\mathcal{O}(0; \{30^4, 10^2, 6, 5, 3, 2\})$	72072
30	$\mathcal{O}(0; \{30^4, 10^4, 2^2\})$	78648
30	$\mathcal{O}(0; \{30^4, 15, 3, 2^6\})$	4488
30	$\mathcal{O}(0; \{30^4, 15, 3^4, 2^2\})$	34680
30	$\mathcal{O}(0; \{30^4, 15, 6, 3^2, 2^3\})$	17544
30	$\mathcal{O}(0; \{30^4, 15, 6^2, 2^4\})$	8568
30	$\mathcal{O}(0; \{30^4, 15, 6^2, 3^3\})$	69768
30	$\mathcal{O}(0; \{30^4, 15, 6^3, 3, 2\})$	34680
30	$\mathcal{O}(0; \{30^4, 15, 10, 5^2, 3, 2\})$	288376
30	$\mathcal{O}(0; \{30^4, 15^2, 10, 3^2, 2\})$	281736

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30^4, 15^2, 10, 6, 2^2\})$	137592
30	$\mathcal{O}(0; \{30^4, 15^3, 5, 2^2\})$	550536
30	$\mathcal{O}(0; \{30^4, 15^3, 10^2\})$	2201976
30	$\mathcal{O}(0; \{30^5, 5, 3^2, 2^3\})$	34440
30	$\mathcal{O}(0; \{30^5, 6, 5, 2^4\})$	18040
30	$\mathcal{O}(0; \{30^5, 6, 5, 3^3\})$	139400
30	$\mathcal{O}(0; \{30^5, 6^2, 5, 3, 2\})$	70520
30	$\mathcal{O}(0; \{30^5, 10^2, 3^2, 2\})$	137592
30	$\mathcal{O}(0; \{30^5, 10^2, 6, 2^2\})$	72072
30	$\mathcal{O}(0; \{30^5, 15, 10, 5, 2^2\})$	288376
30	$\mathcal{O}(0; \{30^5, 15, 10^3\})$	1153416
30	$\mathcal{O}(0; \{30^5, 15^3, 6\})$	2228360
30	$\mathcal{O}(0; \{30^6, 3, 2^4\})$	34440
30	$\mathcal{O}(0; \{30^6, 3^4\})$	280440
30	$\mathcal{O}(0; \{30^6, 6, 3^2, 2\})$	139400
30	$\mathcal{O}(0; \{30^6, 6^2, 2^2\})$	70520
30	$\mathcal{O}(0; \{30^6, 15, 10, 6\})$	1127288
30	$\mathcal{O}(0; \{30^6, 15^2, 5\})$	4508808
30	$\mathcal{O}(0; \{30^7, 10, 5\})$	2201976
32	$\mathcal{O}(2; \{32^2, 8, 4, 2\})$	134217728
32	$\mathcal{O}(1; \{32^2, 8, 4, 2^5\})$	131072
32	$\mathcal{O}(1; \{32^2, 8, 4^3, 2^2\})$	524288
32	$\mathcal{O}(1; \{32^2, 8^3, 2^3\})$	1048576
32	$\mathcal{O}(1; \{32^2, 8^3, 4^2\})$	4194304
32	$\mathcal{O}(1; \{32^2, 16^2, 4, 2^3\})$	2097152
32	$\mathcal{O}(1; \{32^2, 16^2, 4^3\})$	8388608
32	$\mathcal{O}(1; \{32^2, 16^2, 8^2, 2\})$	16777216
32	$\mathcal{O}(1; \{32^4, 16, 4, 2\})$	67108864
32	$\mathcal{O}(0; \{32^2, 8, 4, 2^9\})$	128
32	$\mathcal{O}(0; \{32^2, 8, 4^3, 2^6\})$	512
32	$\mathcal{O}(0; \{32^2, 8, 4^5, 2^3\})$	2048
32	$\mathcal{O}(0; \{32^2, 8, 4^7\})$	8192
32	$\mathcal{O}(0; \{32^2, 8^3, 2^7\})$	1024
32	$\mathcal{O}(0; \{32^2, 8^3, 4^2, 2^4\})$	4096
32	$\mathcal{O}(0; \{32^2, 8^3, 4^4, 2\})$	16384
32	$\mathcal{O}(0; \{32^2, 8^5, 4, 2^2\})$	32768
32	$\mathcal{O}(0; \{32^2, 8^7\})$	262144
32	$\mathcal{O}(0; \{32^2, 16^2, 4, 2^7\})$	2048
32	$\mathcal{O}(0; \{32^2, 16^2, 4^3, 2^4\})$	8192
32	$\mathcal{O}(0; \{32^2, 16^2, 4^5, 2\})$	32768
32	$\mathcal{O}(0; \{32^2, 16^2, 8^2, 2^5\})$	16384
32	$\mathcal{O}(0; \{32^2, 16^2, 8^2, 4^2, 2^2\})$	65536
32	$\mathcal{O}(0; \{32^2, 16^2, 8^4, 4\})$	524288

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
32	$\mathcal{O}(0; \{32^2, 16^4, 8, 2^3\})$	262144
32	$\mathcal{O}(0; \{32^2, 16^4, 8, 4^2\})$	1048576
32	$\mathcal{O}(0; \{32^2, 16^6, 2\})$	4194304
32	$\mathcal{O}(0; \{32^4, 16, 4, 2^5\})$	65536
32	$\mathcal{O}(0; \{32^4, 16, 4^3, 2^2\})$	262144
32	$\mathcal{O}(0; \{32^4, 16, 8^2, 2^3\})$	524288
32	$\mathcal{O}(0; \{32^4, 16, 8^2, 4^2\})$	2097152
32	$\mathcal{O}(0; \{32^4, 16^3, 8, 2\})$	8388608
32	$\mathcal{O}(0; \{32^6, 4, 2^3\})$	2097152
32	$\mathcal{O}(0; \{32^6, 4^3\})$	8388608
32	$\mathcal{O}(0; \{32^6, 8^2, 2\})$	16777216
33	$\mathcal{O}(2; \{33, 11, 3^3\})$	71155260
33	$\mathcal{O}(2; \{33^4\})$	6475128660
33	$\mathcal{O}(1; \{11^5, 3^2\})$	19798020
33	$\mathcal{O}(1; \{33, 11, 3^6\})$	457380
33	$\mathcal{O}(1; \{33^4, 3^3\})$	41621580
33	$\mathcal{O}(0; \{11^5, 3^5\})$	90900
33	$\mathcal{O}(0; \{33, 11, 3^9\})$	3420
33	$\mathcal{O}(0; \{33^3, 11^4, 3^2\})$	9090900
33	$\mathcal{O}(0; \{33^4, 3^6\})$	311220
34	$\mathcal{O}(1; \{17^5, 2^2\})$	71302080
34	$\mathcal{O}(1; \{34^2, 17^4\})$	1140851776
34	$\mathcal{O}(0; \{17^5, 2^6\})$	61680
34	$\mathcal{O}(0; \{34^2, 17^4, 2^4\})$	986896
34	$\mathcal{O}(0; \{34^4, 17^3, 2^2\})$	15790320
34	$\mathcal{O}(0; \{34^6, 17^2\})$	252645136
35	$\mathcal{O}(2; \{35^2, 5^2\})$	468195000
35	$\mathcal{O}(1; \{35^4, 7, 5\})$	277389000
35	$\mathcal{O}(0; \{7^6, 5^3\})$	79992
35	$\mathcal{O}(0; \{35, 7^3, 5^5\})$	152520
35	$\mathcal{O}(0; \{35^2, 5^7\})$	314568
35	$\mathcal{O}(0; \{35^6, 7^2\})$	196755720
36	$\mathcal{O}(2; \{18^2, 4^2\})$	20155392
36	$\mathcal{O}(2; \{36^2, 18, 2\})$	60466176
36	$\mathcal{O}(1; \{12^2, 9^4\})$	1679616
36	$\mathcal{O}(1; \{18, 9^2, 4^2, 3, 2\})$	93312
36	$\mathcal{O}(1; \{18, 12, 9^2, 4, 2^2\})$	93312
36	$\mathcal{O}(1; \{18, 12^2, 9^2, 6\})$	373248
36	$\mathcal{O}(1; \{18^2, 4^2, 2^4\})$	15552
36	$\mathcal{O}(1; \{18^2, 4^2, 3^3\})$	124416
36	$\mathcal{O}(1; \{18^2, 4^4, 2\})$	62208
36	$\mathcal{O}(1; \{18^2, 6, 4^2, 3, 2\})$	62208
36	$\mathcal{O}(1; \{18^2, 12, 4, 3^2, 2\})$	124416

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(1; \{18^2, 12, 6, 4, 2^2\})$	62208
36	$\mathcal{O}(1; \{18^2, 12^2, 3, 2^2\})$	124416
36	$\mathcal{O}(1; \{18^2, 12^2, 6^2\})$	248832
36	$\mathcal{O}(1; \{18^2, 12^3, 4\})$	497664
36	$\mathcal{O}(1; \{18^3, 12, 9, 4\})$	839808
36	$\mathcal{O}(1; \{36, 9^3, 4, 2^2\})$	419904
36	$\mathcal{O}(1; \{36, 12, 9^3, 6\})$	1679616
36	$\mathcal{O}(1; \{36, 18, 9, 4, 3^2, 2\})$	186624
36	$\mathcal{O}(1; \{36, 18, 9, 6, 4, 2^2\})$	93312
36	$\mathcal{O}(1; \{36, 18, 12, 9, 3, 2^2\})$	186624
36	$\mathcal{O}(1; \{36, 18, 12, 9, 6^2\})$	373248
36	$\mathcal{O}(1; \{36, 18, 12^2, 9, 4\})$	746496
36	$\mathcal{O}(1; \{36, 18^2, 9^2, 4\})$	2099520
36	$\mathcal{O}(1; \{36, 18^3, 6, 4\})$	839808
36	$\mathcal{O}(1; \{36, 18^3, 12, 3\})$	1679616
36	$\mathcal{O}(1; \{36^2, 9^2, 3, 2^2\})$	839808
36	$\mathcal{O}(1; \{36^2, 9^2, 6^2\})$	1679616
36	$\mathcal{O}(1; \{36^2, 12, 9^2, 4\})$	3359232
36	$\mathcal{O}(1; \{36^2, 18, 2^5\})$	46656
36	$\mathcal{O}(1; \{36^2, 18, 3^3, 2\})$	373248
36	$\mathcal{O}(1; \{36^2, 18, 4^2, 2^2\})$	186624
36	$\mathcal{O}(1; \{36^2, 18, 6, 3, 2^2\})$	186624
36	$\mathcal{O}(1; \{36^2, 18, 6^3\})$	373248
36	$\mathcal{O}(1; \{36^2, 18, 12, 6, 4\})$	746496
36	$\mathcal{O}(1; \{36^2, 18, 12^2, 3\})$	1492992
36	$\mathcal{O}(1; \{36^2, 18^2, 9, 3\})$	4199040
36	$\mathcal{O}(1; \{36^3, 9, 6, 4\})$	3359232
36	$\mathcal{O}(1; \{36^3, 12, 9, 3\})$	6718464
36	$\mathcal{O}(1; \{36^4, 2^3\})$	1679616
36	$\mathcal{O}(1; \{36^4, 4^2\})$	6718464
36	$\mathcal{O}(1; \{36^4, 6, 3\})$	6718464
36	$\mathcal{O}(0; \{9^4, 4^2, 3^2, 2^2\})$	1296
36	$\mathcal{O}(0; \{9^4, 6, 4^2, 2^3\})$	648
36	$\mathcal{O}(0; \{9^4, 6, 4^4\})$	2592
36	$\mathcal{O}(0; \{9^4, 6^2, 4^2, 3\})$	2592
36	$\mathcal{O}(0; \{12, 9^4, 4, 3, 2^3\})$	1296
36	$\mathcal{O}(0; \{12, 9^4, 4^3, 3\})$	5184
36	$\mathcal{O}(0; \{12, 9^4, 6, 4, 3^2\})$	5184
36	$\mathcal{O}(0; \{12, 9^4, 6^2, 4, 2\})$	2592
36	$\mathcal{O}(0; \{12^2, 9^4, 2^4\})$	1296
36	$\mathcal{O}(0; \{12^2, 9^4, 3^3\})$	10368
36	$\mathcal{O}(0; \{12^2, 9^4, 4^2, 2\})$	5184
36	$\mathcal{O}(0; \{12^2, 9^4, 6, 3, 2\})$	5184

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{18, 9^2, 4^2, 3, 2^5\})$	72
36	$\mathcal{O}(0; \{18, 9^2, 4^2, 3^4, 2\})$	576
36	$\mathcal{O}(0; \{18, 9^2, 4^4, 3, 2^2\})$	288
36	$\mathcal{O}(0; \{18, 9^2, 6, 4^2, 3^2, 2^2\})$	288
36	$\mathcal{O}(0; \{18, 9^2, 6^2, 4^2, 2^3\})$	144
36	$\mathcal{O}(0; \{18, 9^2, 6^2, 4^4\})$	576
36	$\mathcal{O}(0; \{18, 9^2, 6^3, 4^2, 3\})$	576
36	$\mathcal{O}(0; \{18, 9^5, 4^2, 2\})$	10692
36	$\mathcal{O}(0; \{18, 12, 9^2, 4, 2^6\})$	72
36	$\mathcal{O}(0; \{18, 12, 9^2, 4, 3^3, 2^2\})$	576
36	$\mathcal{O}(0; \{18, 12, 9^2, 4^3, 2^3\})$	288
36	$\mathcal{O}(0; \{18, 12, 9^2, 4^5\})$	1152
36	$\mathcal{O}(0; \{18, 12, 9^2, 6, 4, 3, 2^3\})$	288
36	$\mathcal{O}(0; \{18, 12, 9^2, 6, 4^3, 3\})$	1152
36	$\mathcal{O}(0; \{18, 12, 9^2, 6^2, 4, 3^2\})$	1152
36	$\mathcal{O}(0; \{18, 12, 9^2, 6^3, 4, 2\})$	576
36	$\mathcal{O}(0; \{18, 12^2, 9^2, 3^2, 2^3\})$	576
36	$\mathcal{O}(0; \{18, 12^2, 9^2, 4^2, 3^2\})$	2304
36	$\mathcal{O}(0; \{18, 12^2, 9^2, 6, 2^4\})$	288
36	$\mathcal{O}(0; \{18, 12^2, 9^2, 6, 3^3\})$	2304
36	$\mathcal{O}(0; \{18, 12^2, 9^2, 6, 4^2, 2\})$	1152
36	$\mathcal{O}(0; \{18, 12^2, 9^2, 6^2, 3, 2\})$	1152
36	$\mathcal{O}(0; \{18, 12^3, 9^2, 4, 3, 2\})$	2304
36	$\mathcal{O}(0; \{18, 12^4, 9^2, 2^2\})$	2304
36	$\mathcal{O}(0; \{18^2, 4^2, 2^8\})$	12
36	$\mathcal{O}(0; \{18^2, 4^2, 3^3, 2^4\})$	96
36	$\mathcal{O}(0; \{18^2, 4^2, 3^6\})$	768
36	$\mathcal{O}(0; \{18^2, 4^4, 2^5\})$	48
36	$\mathcal{O}(0; \{18^2, 4^4, 3^3, 2\})$	384
36	$\mathcal{O}(0; \{18^2, 4^6, 2^2\})$	192
36	$\mathcal{O}(0; \{18^2, 6, 4^2, 3, 2^5\})$	48
36	$\mathcal{O}(0; \{18^2, 6, 4^2, 3^4, 2\})$	384
36	$\mathcal{O}(0; \{18^2, 6, 4^4, 3, 2^2\})$	192
36	$\mathcal{O}(0; \{18^2, 6^2, 4^2, 3^2, 2^2\})$	192
36	$\mathcal{O}(0; \{18^2, 6^3, 4^2, 2^3\})$	96
36	$\mathcal{O}(0; \{18^2, 6^3, 4^4\})$	384
36	$\mathcal{O}(0; \{18^2, 6^4, 4^2, 3\})$	384
36	$\mathcal{O}(0; \{18^2, 9^3, 4^2, 3^2\})$	6480
36	$\mathcal{O}(0; \{18^2, 9^3, 6, 4^2, 2\})$	3240
36	$\mathcal{O}(0; \{18^2, 12, 4, 3^2, 2^5\})$	96
36	$\mathcal{O}(0; \{18^2, 12, 4, 3^5, 2\})$	768
36	$\mathcal{O}(0; \{18^2, 12, 4^3, 3^2, 2^2\})$	384
36	$\mathcal{O}(0; \{18^2, 12, 6, 4, 2^6\})$	48

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{18^2, 12, 6, 4, 3^3, 2^2\})$	384
36	$\mathcal{O}(0; \{18^2, 12, 6, 4^3, 2^3\})$	192
36	$\mathcal{O}(0; \{18^2, 12, 6, 4^5\})$	768
36	$\mathcal{O}(0; \{18^2, 12, 6^2, 4, 3, 2^3\})$	192
36	$\mathcal{O}(0; \{18^2, 12, 6^2, 4^3, 3\})$	768
36	$\mathcal{O}(0; \{18^2, 12, 6^3, 4, 3^2\})$	768
36	$\mathcal{O}(0; \{18^2, 12, 6^4, 4, 2\})$	384
36	$\mathcal{O}(0; \{18^2, 12, 9^3, 4, 3, 2\})$	6480
36	$\mathcal{O}(0; \{18^2, 12^2, 3, 2^6\})$	96
36	$\mathcal{O}(0; \{18^2, 12^2, 3^4, 2^2\})$	768
36	$\mathcal{O}(0; \{18^2, 12^2, 4^2, 3, 2^3\})$	384
36	$\mathcal{O}(0; \{18^2, 12^2, 4^4, 3\})$	1536
36	$\mathcal{O}(0; \{18^2, 12^2, 6, 3^2, 2^3\})$	384
36	$\mathcal{O}(0; \{18^2, 12^2, 6, 4^2, 3^2\})$	1536
36	$\mathcal{O}(0; \{18^2, 12^2, 6^2, 2^4\})$	192
36	$\mathcal{O}(0; \{18^2, 12^2, 6^2, 3^3\})$	1536
36	$\mathcal{O}(0; \{18^2, 12^2, 6^2, 4^2, 2\})$	768
36	$\mathcal{O}(0; \{18^2, 12^2, 6^3, 3, 2\})$	768
36	$\mathcal{O}(0; \{18^2, 12^2, 9^3, 2^2\})$	6480
36	$\mathcal{O}(0; \{18^2, 12^3, 4, 2^4\})$	384
36	$\mathcal{O}(0; \{18^2, 12^3, 4, 3^3\})$	3072
36	$\mathcal{O}(0; \{18^2, 12^3, 4^3, 2\})$	1536
36	$\mathcal{O}(0; \{18^2, 12^3, 6, 4, 3, 2\})$	1536
36	$\mathcal{O}(0; \{18^2, 12^4, 3^2, 2\})$	3072
36	$\mathcal{O}(0; \{18^2, 12^4, 6, 2^2\})$	1536
36	$\mathcal{O}(0; \{18^2, 12^6\})$	12288
36	$\mathcal{O}(0; \{18^3, 9, 4^2, 3, 2^3\})$	648
36	$\mathcal{O}(0; \{18^3, 9, 4^4, 3\})$	2592
36	$\mathcal{O}(0; \{18^3, 9, 6, 4^2, 3^2\})$	2592
36	$\mathcal{O}(0; \{18^3, 9, 6^2, 4^2, 2\})$	1296
36	$\mathcal{O}(0; \{18^3, 12, 9, 4, 2^4\})$	648
36	$\mathcal{O}(0; \{18^3, 12, 9, 4, 3^3\})$	5184
36	$\mathcal{O}(0; \{18^3, 12, 9, 4^3, 2\})$	2592
36	$\mathcal{O}(0; \{18^3, 12, 9, 6, 4, 3, 2\})$	2592
36	$\mathcal{O}(0; \{18^3, 12^2, 9, 3^2, 2\})$	5184
36	$\mathcal{O}(0; \{18^3, 12^2, 9, 6, 2^2\})$	2592
36	$\mathcal{O}(0; \{18^3, 12^4, 9\})$	20736
36	$\mathcal{O}(0; \{18^4, 12^2, 9^2\})$	42768
36	$\mathcal{O}(0; \{18^5, 4^2, 3, 2\})$	3240
36	$\mathcal{O}(0; \{18^5, 12, 4, 2^2\})$	3240
36	$\mathcal{O}(0; \{18^5, 12^2, 6\})$	12960
36	$\mathcal{O}(0; \{36, 9^3, 4, 2^6\})$	324
36	$\mathcal{O}(0; \{36, 9^3, 4, 3^3, 2^2\})$	2592

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36, 9^3, 4^3, 2^3\})$	1296
36	$\mathcal{O}(0; \{36, 9^3, 4^5\})$	5184
36	$\mathcal{O}(0; \{36, 9^3, 6, 4, 3, 2^3\})$	1296
36	$\mathcal{O}(0; \{36, 9^3, 6, 4^3, 3\})$	5184
36	$\mathcal{O}(0; \{36, 9^3, 6^2, 4, 3^2\})$	5184
36	$\mathcal{O}(0; \{36, 9^3, 6^3, 4, 2\})$	2592
36	$\mathcal{O}(0; \{36, 12, 9^3, 3^2, 2^3\})$	2592
36	$\mathcal{O}(0; \{36, 12, 9^3, 4^2, 3^2\})$	10368
36	$\mathcal{O}(0; \{36, 12, 9^3, 6, 2^4\})$	1296
36	$\mathcal{O}(0; \{36, 12, 9^3, 6, 3^3\})$	10368
36	$\mathcal{O}(0; \{36, 12, 9^3, 6, 4^2, 2\})$	5184
36	$\mathcal{O}(0; \{36, 12, 9^3, 6^2, 3, 2\})$	5184
36	$\mathcal{O}(0; \{36, 12^2, 9^3, 4, 3, 2\})$	10368
36	$\mathcal{O}(0; \{36, 12^3, 9^3, 2^2\})$	10368
36	$\mathcal{O}(0; \{36, 18, 9, 4, 3^2, 2^5\})$	144
36	$\mathcal{O}(0; \{36, 18, 9, 4, 3^5, 2\})$	1152
36	$\mathcal{O}(0; \{36, 18, 9, 4^3, 3^2, 2^2\})$	576
36	$\mathcal{O}(0; \{36, 18, 9, 6, 4, 2^6\})$	72
36	$\mathcal{O}(0; \{36, 18, 9, 6, 4, 3^3, 2^2\})$	576
36	$\mathcal{O}(0; \{36, 18, 9, 6, 4^3, 2^3\})$	288
36	$\mathcal{O}(0; \{36, 18, 9, 6, 4^5\})$	1152
36	$\mathcal{O}(0; \{36, 18, 9, 6^2, 4, 3, 2^3\})$	288
36	$\mathcal{O}(0; \{36, 18, 9, 6^2, 4^3, 3\})$	1152
36	$\mathcal{O}(0; \{36, 18, 9, 6^3, 4, 3^2\})$	1152
36	$\mathcal{O}(0; \{36, 18, 9, 6^4, 4, 2\})$	576
36	$\mathcal{O}(0; \{36, 18, 9^4, 4, 3, 2\})$	21384
36	$\mathcal{O}(0; \{36, 18, 12, 9, 3, 2^6\})$	144
36	$\mathcal{O}(0; \{36, 18, 12, 9, 3^4, 2^2\})$	1152
36	$\mathcal{O}(0; \{36, 18, 12, 9, 4^2, 3, 2^3\})$	576
36	$\mathcal{O}(0; \{36, 18, 12, 9, 4^4, 3\})$	2304
36	$\mathcal{O}(0; \{36, 18, 12, 9, 6, 3^2, 2^3\})$	576
36	$\mathcal{O}(0; \{36, 18, 12, 9, 6, 4^2, 3^2\})$	2304
36	$\mathcal{O}(0; \{36, 18, 12, 9, 6^2, 2^4\})$	288
36	$\mathcal{O}(0; \{36, 18, 12, 9, 6^2, 3^3\})$	2304
36	$\mathcal{O}(0; \{36, 18, 12, 9, 6^2, 4^2, 2\})$	1152
36	$\mathcal{O}(0; \{36, 18, 12, 9, 6^3, 3, 2\})$	1152
36	$\mathcal{O}(0; \{36, 18, 12, 9^4, 2^2\})$	21384
36	$\mathcal{O}(0; \{36, 18, 12^2, 9, 4, 2^4\})$	576
36	$\mathcal{O}(0; \{36, 18, 12^2, 9, 4, 3^3\})$	4608
36	$\mathcal{O}(0; \{36, 18, 12^2, 9, 4^3, 2\})$	2304
36	$\mathcal{O}(0; \{36, 18, 12^2, 9, 6, 4, 3, 2\})$	2304
36	$\mathcal{O}(0; \{36, 18, 12^3, 9, 3^2, 2\})$	4608
36	$\mathcal{O}(0; \{36, 18, 12^3, 9, 6, 2^2\})$	2304

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36, 18, 12^5, 9\})$	18432
36	$\mathcal{O}(0; \{36, 18^2, 9^2, 4, 2^4\})$	1620
36	$\mathcal{O}(0; \{36, 18^2, 9^2, 4, 3^3\})$	12960
36	$\mathcal{O}(0; \{36, 18^2, 9^2, 4^3, 2\})$	6480
36	$\mathcal{O}(0; \{36, 18^2, 9^2, 6, 4, 3, 2\})$	6480
36	$\mathcal{O}(0; \{36, 18^2, 12, 9^2, 3^2, 2\})$	12960
36	$\mathcal{O}(0; \{36, 18^2, 12, 9^2, 6, 2^2\})$	6480
36	$\mathcal{O}(0; \{36, 18^2, 12^3, 9^2\})$	51840
36	$\mathcal{O}(0; \{36, 18^3, 4, 3^2, 2^3\})$	1296
36	$\mathcal{O}(0; \{36, 18^3, 4^3, 3^2\})$	5184
36	$\mathcal{O}(0; \{36, 18^3, 6, 4, 2^4\})$	648
36	$\mathcal{O}(0; \{36, 18^3, 6, 4, 3^3\})$	5184
36	$\mathcal{O}(0; \{36, 18^3, 6, 4^3, 2\})$	2592
36	$\mathcal{O}(0; \{36, 18^3, 6^2, 4, 3, 2\})$	2592
36	$\mathcal{O}(0; \{36, 18^3, 12, 3, 2^4\})$	1296
36	$\mathcal{O}(0; \{36, 18^3, 12, 3^4\})$	10368
36	$\mathcal{O}(0; \{36, 18^3, 12, 4^2, 3, 2\})$	5184
36	$\mathcal{O}(0; \{36, 18^3, 12, 6, 3^2, 2\})$	5184
36	$\mathcal{O}(0; \{36, 18^3, 12, 6^2, 2^2\})$	2592
36	$\mathcal{O}(0; \{36, 18^3, 12, 9^3\})$	122472
36	$\mathcal{O}(0; \{36, 18^3, 12^2, 4, 2^2\})$	5184
36	$\mathcal{O}(0; \{36, 18^3, 12^3, 6\})$	20736
36	$\mathcal{O}(0; \{36, 18^4, 9, 4, 2^2\})$	10692
36	$\mathcal{O}(0; \{36, 18^4, 12, 9, 6\})$	42768
36	$\mathcal{O}(0; \{36, 18^6, 4\})$	61236
36	$\mathcal{O}(0; \{36^2, 9^2, 3, 2^6\})$	648
36	$\mathcal{O}(0; \{36^2, 9^2, 3^4, 2^2\})$	5184
36	$\mathcal{O}(0; \{36^2, 9^2, 4^2, 3, 2^3\})$	2592
36	$\mathcal{O}(0; \{36^2, 9^2, 4^4, 3\})$	10368
36	$\mathcal{O}(0; \{36^2, 9^2, 6, 3^2, 2^3\})$	2592
36	$\mathcal{O}(0; \{36^2, 9^2, 6, 4^2, 3^2\})$	10368
36	$\mathcal{O}(0; \{36^2, 9^2, 6^2, 2^4\})$	1296
36	$\mathcal{O}(0; \{36^2, 9^2, 6^2, 3^3\})$	10368
36	$\mathcal{O}(0; \{36^2, 9^2, 6^2, 4^2, 2\})$	5184
36	$\mathcal{O}(0; \{36^2, 9^2, 6^3, 3, 2\})$	5184
36	$\mathcal{O}(0; \{36^2, 9^5, 2^2\})$	61236
36	$\mathcal{O}(0; \{36^2, 12, 9^2, 4, 2^4\})$	2592
36	$\mathcal{O}(0; \{36^2, 12, 9^2, 4, 3^3\})$	20736
36	$\mathcal{O}(0; \{36^2, 12, 9^2, 4^3, 2\})$	10368
36	$\mathcal{O}(0; \{36^2, 12, 9^2, 6, 4, 3, 2\})$	10368
36	$\mathcal{O}(0; \{36^2, 12^2, 9^2, 3^2, 2\})$	20736
36	$\mathcal{O}(0; \{36^2, 12^2, 9^2, 6, 2^2\})$	10368
36	$\mathcal{O}(0; \{36^2, 12^4, 9^2\})$	82944

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36^2, 18, 2^9\})$	36
36	$\mathcal{O}(0; \{36^2, 18, 3^3, 2^5\})$	288
36	$\mathcal{O}(0; \{36^2, 18, 3^6, 2\})$	2304
36	$\mathcal{O}(0; \{36^2, 18, 4^2, 2^6\})$	144
36	$\mathcal{O}(0; \{36^2, 18, 4^2, 3^3, 2^2\})$	1152
36	$\mathcal{O}(0; \{36^2, 18, 4^4, 2^3\})$	576
36	$\mathcal{O}(0; \{36^2, 18, 4^6\})$	2304
36	$\mathcal{O}(0; \{36^2, 18, 6, 3, 2^6\})$	144
36	$\mathcal{O}(0; \{36^2, 18, 6, 3^4, 2^2\})$	1152
36	$\mathcal{O}(0; \{36^2, 18, 6, 4^2, 3, 2^3\})$	576
36	$\mathcal{O}(0; \{36^2, 18, 6, 4^4, 3\})$	2304
36	$\mathcal{O}(0; \{36^2, 18, 6^2, 3^2, 2^3\})$	576
36	$\mathcal{O}(0; \{36^2, 18, 6^2, 4^2, 3^2\})$	2304
36	$\mathcal{O}(0; \{36^2, 18, 6^3, 2^4\})$	288
36	$\mathcal{O}(0; \{36^2, 18, 6^3, 3^3\})$	2304
36	$\mathcal{O}(0; \{36^2, 18, 6^3, 4^2, 2\})$	1152
36	$\mathcal{O}(0; \{36^2, 18, 6^4, 3, 2\})$	1152
36	$\mathcal{O}(0; \{36^2, 18, 9^3, 3^2, 2\})$	42768
36	$\mathcal{O}(0; \{36^2, 18, 9^3, 6, 2^2\})$	21384
36	$\mathcal{O}(0; \{36^2, 18, 12, 4, 3^2, 2^3\})$	1152
36	$\mathcal{O}(0; \{36^2, 18, 12, 4^3, 3^2\})$	4608
36	$\mathcal{O}(0; \{36^2, 18, 12, 6, 4, 2^4\})$	576
36	$\mathcal{O}(0; \{36^2, 18, 12, 6, 4, 3^3\})$	4608
36	$\mathcal{O}(0; \{36^2, 18, 12, 6, 4^3, 2\})$	2304
36	$\mathcal{O}(0; \{36^2, 18, 12, 6^2, 4, 3, 2\})$	2304
36	$\mathcal{O}(0; \{36^2, 18, 12^2, 3, 2^4\})$	1152
36	$\mathcal{O}(0; \{36^2, 18, 12^2, 3^4\})$	9216
36	$\mathcal{O}(0; \{36^2, 18, 12^2, 4^2, 3, 2\})$	4608
36	$\mathcal{O}(0; \{36^2, 18, 12^2, 6, 3^2, 2\})$	4608
36	$\mathcal{O}(0; \{36^2, 18, 12^2, 6^2, 2^2\})$	2304
36	$\mathcal{O}(0; \{36^2, 18, 12^2, 9^3\})$	171072
36	$\mathcal{O}(0; \{36^2, 18, 12^3, 4, 2^2\})$	4608
36	$\mathcal{O}(0; \{36^2, 18, 12^4, 6\})$	18432
36	$\mathcal{O}(0; \{36^2, 18^2, 9, 3, 2^4\})$	3240
36	$\mathcal{O}(0; \{36^2, 18^2, 9, 3^4\})$	25920
36	$\mathcal{O}(0; \{36^2, 18^2, 9, 4^2, 3, 2\})$	12960
36	$\mathcal{O}(0; \{36^2, 18^2, 9, 6, 3^2, 2\})$	12960
36	$\mathcal{O}(0; \{36^2, 18^2, 9, 6^2, 2^2\})$	6480
36	$\mathcal{O}(0; \{36^2, 18^2, 9^4\})$	376164
36	$\mathcal{O}(0; \{36^2, 18^2, 12, 9, 4, 2^2\})$	12960
36	$\mathcal{O}(0; \{36^2, 18^2, 12^2, 9, 6\})$	51840
36	$\mathcal{O}(0; \{36^2, 18^3, 9^2, 6\})$	122472
36	$\mathcal{O}(0; \{36^2, 18^4, 3, 2^2\})$	21384

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36^2, 18^4, 6^2\})$	42768
36	$\mathcal{O}(0; \{36^2, 18^4, 12, 4\})$	85536
36	$\mathcal{O}(0; \{36^3, 9, 4, 3^2, 2^3\})$	5184
36	$\mathcal{O}(0; \{36^3, 9, 4^3, 3^2\})$	20736
36	$\mathcal{O}(0; \{36^3, 9, 6, 4, 2^4\})$	2592
36	$\mathcal{O}(0; \{36^3, 9, 6, 4, 3^3\})$	20736
36	$\mathcal{O}(0; \{36^3, 9, 6, 4^3, 2\})$	10368
36	$\mathcal{O}(0; \{36^3, 9, 6^2, 4, 3, 2\})$	10368
36	$\mathcal{O}(0; \{36^3, 12, 9, 3, 2^4\})$	5184
36	$\mathcal{O}(0; \{36^3, 12, 9, 3^4\})$	41472
36	$\mathcal{O}(0; \{36^3, 12, 9, 4^2, 3, 2\})$	20736
36	$\mathcal{O}(0; \{36^3, 12, 9, 6, 3^2, 2\})$	20736
36	$\mathcal{O}(0; \{36^3, 12, 9, 6^2, 2^2\})$	10368
36	$\mathcal{O}(0; \{36^3, 12, 9^4\})$	489888
36	$\mathcal{O}(0; \{36^3, 12^2, 9, 4, 2^2\})$	20736
36	$\mathcal{O}(0; \{36^3, 12^3, 9, 6\})$	82944
36	$\mathcal{O}(0; \{36^3, 18, 9^2, 4, 2^2\})$	42768
36	$\mathcal{O}(0; \{36^3, 18, 12, 9^2, 6\})$	171072
36	$\mathcal{O}(0; \{36^3, 18^2, 4, 3^2, 2\})$	25920
36	$\mathcal{O}(0; \{36^3, 18^2, 6, 4, 2^2\})$	12960
36	$\mathcal{O}(0; \{36^3, 18^2, 12, 3, 2^2\})$	25920
36	$\mathcal{O}(0; \{36^3, 18^2, 12, 6^2\})$	51840
36	$\mathcal{O}(0; \{36^3, 18^2, 12^2, 4\})$	103680
36	$\mathcal{O}(0; \{36^3, 18^3, 9, 4\})$	244944
36	$\mathcal{O}(0; \{36^4, 2^7\})$	1296
36	$\mathcal{O}(0; \{36^4, 3^3, 2^3\})$	10368
36	$\mathcal{O}(0; \{36^4, 4^2, 2^4\})$	5184
36	$\mathcal{O}(0; \{36^4, 4^2, 3^3\})$	41472
36	$\mathcal{O}(0; \{36^4, 4^4, 2\})$	20736
36	$\mathcal{O}(0; \{36^4, 6, 3, 2^4\})$	5184
36	$\mathcal{O}(0; \{36^4, 6, 3^4\})$	41472
36	$\mathcal{O}(0; \{36^4, 6, 4^2, 3, 2\})$	20736
36	$\mathcal{O}(0; \{36^4, 6^2, 3^2, 2\})$	20736
36	$\mathcal{O}(0; \{36^4, 6^3, 2^2\})$	10368
36	$\mathcal{O}(0; \{36^4, 9^3, 6\})$	489888
36	$\mathcal{O}(0; \{36^4, 12, 4, 3^2, 2\})$	41472
36	$\mathcal{O}(0; \{36^4, 12, 6, 4, 2^2\})$	20736
36	$\mathcal{O}(0; \{36^4, 12^2, 3, 2^2\})$	41472
36	$\mathcal{O}(0; \{36^4, 12^2, 6^2\})$	82944
36	$\mathcal{O}(0; \{36^4, 12^3, 4\})$	165888
36	$\mathcal{O}(0; \{36^4, 18, 9, 3, 2^2\})$	85536
36	$\mathcal{O}(0; \{36^4, 18, 9, 6^2\})$	171072
36	$\mathcal{O}(0; \{36^4, 18, 12, 9, 4\})$	342144

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36^4, 18^3, 3\})$	489888
36	$\mathcal{O}(0; \{36^5, 9^2, 4\})$	979776
36	$\mathcal{O}(0; \{36^5, 18, 6, 4\})$	342144
36	$\mathcal{O}(0; \{36^5, 18, 12, 3\})$	684288
36	$\mathcal{O}(0; \{36^6, 9, 3\})$	1959552
39	$\mathcal{O}(0; \{39^2, 13^4, 3^2\})$	1378152
40	$\mathcal{O}(2; \{40^2, 10\})$	122880000
40	$\mathcal{O}(1; \{8^2, 5^2, 2^3\})$	25600
40	$\mathcal{O}(1; \{8^2, 5^2, 4^2\})$	102400
40	$\mathcal{O}(1; \{10^2, 8^2, 5, 2\})$	76800
40	$\mathcal{O}(1; \{20, 10, 8^2, 4, 2\})$	102400
40	$\mathcal{O}(1; \{40, 10, 8, 5^2, 2\})$	332800
40	$\mathcal{O}(1; \{40, 20, 8, 5, 4, 2\})$	307200
40	$\mathcal{O}(1; \{40^2, 5^3, 2\})$	1305600
40	$\mathcal{O}(1; \{40^2, 10, 2^4\})$	76800
40	$\mathcal{O}(1; \{40^2, 10, 4^2, 2\})$	307200
40	$\mathcal{O}(1; \{40^2, 20^2, 2^2\})$	1331200
40	$\mathcal{O}(1; \{40^4, 20\})$	41779200
40	$\mathcal{O}(0; \{8^2, 5^2, 2^7\})$	16
40	$\mathcal{O}(0; \{8^2, 5^2, 4^2, 2^4\})$	64
40	$\mathcal{O}(0; \{8^2, 5^2, 4^4, 2\})$	256
40	$\mathcal{O}(0; \{8^4, 5^2, 4, 2^2\})$	512
40	$\mathcal{O}(0; \{8^6, 5^2\})$	4096
40	$\mathcal{O}(0; \{10, 8^2, 5^4, 2^2\})$	816
40	$\mathcal{O}(0; \{10^2, 8^2, 5, 2^5\})$	48
40	$\mathcal{O}(0; \{10^2, 8^2, 5, 4^2, 2^2\})$	192
40	$\mathcal{O}(0; \{10^2, 8^4, 5, 4\})$	1536
40	$\mathcal{O}(0; \{10^3, 8^2, 5^3\})$	3280
40	$\mathcal{O}(0; \{10^4, 8^2, 2^3\})$	208
40	$\mathcal{O}(0; \{10^4, 8^2, 4^2\})$	832
40	$\mathcal{O}(0; \{20, 8^2, 5^3, 4, 2^2\})$	832
40	$\mathcal{O}(0; \{20, 8^4, 5^3\})$	6656
40	$\mathcal{O}(0; \{20, 10, 8^2, 4, 2^5\})$	64
40	$\mathcal{O}(0; \{20, 10, 8^2, 4^3, 2^2\})$	256
40	$\mathcal{O}(0; \{20, 10, 8^4, 2^3\})$	512
40	$\mathcal{O}(0; \{20, 10, 8^4, 4^2\})$	2048
40	$\mathcal{O}(0; \{20, 10^2, 8^2, 5^2, 4\})$	3264
40	$\mathcal{O}(0; \{20^2, 8^2, 5^4\})$	13120
40	$\mathcal{O}(0; \{20^2, 10, 8^2, 5, 2^3\})$	832
40	$\mathcal{O}(0; \{20^2, 10, 8^2, 5, 4^2\})$	3328
40	$\mathcal{O}(0; \{20^2, 10^3, 8^2, 2\})$	3264
40	$\mathcal{O}(0; \{20^3, 8^2, 4, 2^3\})$	768
40	$\mathcal{O}(0; \{20^3, 8^2, 4^3\})$	3072

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
40	$\mathcal{O}(0; \{20^3, 8^4, 2\})$	6144
40	$\mathcal{O}(0; \{20^4, 8^2, 5, 2\})$	13056
40	$\mathcal{O}(0; \{40, 8, 5^5, 2^2\})$	3280
40	$\mathcal{O}(0; \{40, 10, 8, 5^2, 2^5\})$	208
40	$\mathcal{O}(0; \{40, 10, 8, 5^2, 4^2, 2^2\})$	832
40	$\mathcal{O}(0; \{40, 10, 8^3, 5^2, 4\})$	6656
40	$\mathcal{O}(0; \{40, 10^2, 8, 5^4\})$	13104
40	$\mathcal{O}(0; \{40, 10^3, 8, 5, 2^3\})$	816
40	$\mathcal{O}(0; \{40, 10^3, 8, 5, 4^2\})$	3264
40	$\mathcal{O}(0; \{40, 10^5, 8, 2\})$	3280
40	$\mathcal{O}(0; \{40, 20, 8, 5, 4, 2^5\})$	192
40	$\mathcal{O}(0; \{40, 20, 8, 5, 4^3, 2^2\})$	768
40	$\mathcal{O}(0; \{40, 20, 8^3, 5, 2^3\})$	1536
40	$\mathcal{O}(0; \{40, 20, 8^3, 5, 4^2\})$	6144
40	$\mathcal{O}(0; \{40, 20, 10, 8, 5^3, 4\})$	13120
40	$\mathcal{O}(0; \{40, 20, 10^2, 8, 4, 2^3\})$	832
40	$\mathcal{O}(0; \{40, 20, 10^2, 8, 4^3\})$	3328
40	$\mathcal{O}(0; \{40, 20, 10^2, 8^3, 2\})$	6656
40	$\mathcal{O}(0; \{40, 20^2, 8, 5^2, 2^3\})$	3264
40	$\mathcal{O}(0; \{40, 20^2, 8, 5^2, 4^2\})$	13056
40	$\mathcal{O}(0; \{40, 20^2, 10^2, 8, 5, 2\})$	13120
40	$\mathcal{O}(0; \{40, 20^3, 10, 8, 4, 2\})$	13056
40	$\mathcal{O}(0; \{40^2, 5^3, 2^5\})$	816
40	$\mathcal{O}(0; \{40^2, 5^3, 4^2, 2^2\})$	3264
40	$\mathcal{O}(0; \{40^2, 8^2, 5^3, 4\})$	26112
40	$\mathcal{O}(0; \{40^2, 10, 2^8\})$	48
40	$\mathcal{O}(0; \{40^2, 10, 4^2, 2^5\})$	192
40	$\mathcal{O}(0; \{40^2, 10, 4^4, 2^2\})$	768
40	$\mathcal{O}(0; \{40^2, 10, 5^5\})$	52432
40	$\mathcal{O}(0; \{40^2, 10, 8^2, 4, 2^3\})$	1536
40	$\mathcal{O}(0; \{40^2, 10, 8^2, 4^3\})$	6144
40	$\mathcal{O}(0; \{40^2, 10, 8^4, 2\})$	12288
40	$\mathcal{O}(0; \{40^2, 10^2, 5^2, 2^3\})$	3280
40	$\mathcal{O}(0; \{40^2, 10^2, 5^2, 4^2\})$	13120
40	$\mathcal{O}(0; \{40^2, 10^4, 5, 2\})$	13104
40	$\mathcal{O}(0; \{40^2, 20, 5^4, 4\})$	52416
40	$\mathcal{O}(0; \{40^2, 20, 10, 5, 4, 2^3\})$	3264
40	$\mathcal{O}(0; \{40^2, 20, 10, 5, 4^3\})$	13056
40	$\mathcal{O}(0; \{40^2, 20, 10, 8^2, 5, 2\})$	26112
40	$\mathcal{O}(0; \{40^2, 20, 10^3, 4, 2\})$	13120
40	$\mathcal{O}(0; \{40^2, 20^2, 2^6\})$	832
40	$\mathcal{O}(0; \{40^2, 20^2, 4^2, 2^3\})$	3328
40	$\mathcal{O}(0; \{40^2, 20^2, 4^4\})$	13312

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
40	$\mathcal{O}(0; \{40^2, 20^2, 8^2, 4, 2\})$	26624
40	$\mathcal{O}(0; \{40^2, 20^2, 10, 5^2, 2\})$	52416
40	$\mathcal{O}(0; \{40^2, 20^3, 5, 4, 2\})$	52480
40	$\mathcal{O}(0; \{40^3, 8, 5, 4, 2^3\})$	6656
40	$\mathcal{O}(0; \{40^3, 8, 5, 4^3\})$	26624
40	$\mathcal{O}(0; \{40^3, 8^3, 5, 2\})$	53248
40	$\mathcal{O}(0; \{40^3, 10^2, 8, 4, 2\})$	26112
40	$\mathcal{O}(0; \{40^3, 20, 8, 5^2, 2\})$	104960
40	$\mathcal{O}(0; \{40^4, 10, 5, 4, 2\})$	104960
40	$\mathcal{O}(0; \{40^4, 20, 2^4\})$	26112
40	$\mathcal{O}(0; \{40^4, 20, 4^2, 2\})$	104448
40	$\mathcal{O}(0; \{40^6, 2^2\})$	839680
42	$\mathcal{O}(2; \{42^2, 3\})$	37340352
42	$\mathcal{O}(1; \{14, 7, 3^2, 2^3\})$	21168
42	$\mathcal{O}(1; \{14, 7, 6, 3^3\})$	63504
42	$\mathcal{O}(1; \{14, 7, 6^2, 3, 2\})$	21168
42	$\mathcal{O}(1; \{14^3, 3^2, 2\})$	105840
42	$\mathcal{O}(1; \{21^2, 7^2, 2^2\})$	656208
42	$\mathcal{O}(1; \{21^2, 14^2, 7\})$	3916080
42	$\mathcal{O}(1; \{21^3, 14, 6\})$	1968624
42	$\mathcal{O}(1; \{42, 21, 7, 3^2, 2\})$	317520
42	$\mathcal{O}(1; \{42, 21, 7, 6, 2^2\})$	105840
42	$\mathcal{O}(1; \{42, 21, 14^2, 6\})$	656208
42	$\mathcal{O}(1; \{42^2, 3, 2^4\})$	21168
42	$\mathcal{O}(1; \{42^2, 3^4\})$	232848
42	$\mathcal{O}(1; \{42^2, 6, 3^2, 2\})$	105840
42	$\mathcal{O}(1; \{42^2, 6^2, 2^2\})$	63504
42	$\mathcal{O}(1; \{42^2, 21, 7^2\})$	3916080
42	$\mathcal{O}(1; \{42^3, 7, 6\})$	1968624
42	$\mathcal{O}(0; \{7^5, 3^2, 2^2\})$	2220
42	$\mathcal{O}(0; \{7^5, 6^2, 3\})$	2220
42	$\mathcal{O}(0; \{14, 7, 3^2, 2^7\})$	12
42	$\mathcal{O}(0; \{14, 7, 3^5, 2^3\})$	60
42	$\mathcal{O}(0; \{14, 7, 6, 3^3, 2^4\})$	36
42	$\mathcal{O}(0; \{14, 7, 6, 3^6\})$	252
42	$\mathcal{O}(0; \{14, 7, 6^2, 3, 2^5\})$	12
42	$\mathcal{O}(0; \{14, 7, 6^2, 3^4, 2\})$	132
42	$\mathcal{O}(0; \{14, 7, 6^3, 3^2, 2^2\})$	60
42	$\mathcal{O}(0; \{14, 7, 6^4, 2^3\})$	36
42	$\mathcal{O}(0; \{14, 7, 6^5, 3\})$	132
42	$\mathcal{O}(0; \{14^2, 7^4, 3^2\})$	13332
42	$\mathcal{O}(0; \{14^3, 3^2, 2^5\})$	60
42	$\mathcal{O}(0; \{14^3, 3^5, 2\})$	300

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(0; \{14^3, 6, 3^3, 2^2\})$	180
42	$\mathcal{O}(0; \{14^3, 6^2, 3, 2^3\})$	60
42	$\mathcal{O}(0; \{14^3, 6^3, 3^2\})$	300
42	$\mathcal{O}(0; \{14^3, 6^4, 2\})$	180
42	$\mathcal{O}(0; \{21, 14, 7^3, 3, 2^3\})$	2220
42	$\mathcal{O}(0; \{21, 14, 7^3, 6, 3^2\})$	6660
42	$\mathcal{O}(0; \{21, 14, 7^3, 6^2, 2\})$	2220
42	$\mathcal{O}(0; \{21, 14^3, 7^2, 3, 2\})$	13332
42	$\mathcal{O}(0; \{21^2, 7^2, 2^6\})$	372
42	$\mathcal{O}(0; \{21^2, 7^2, 3^3, 2^2\})$	1860
42	$\mathcal{O}(0; \{21^2, 7^2, 6, 3, 2^3\})$	1116
42	$\mathcal{O}(0; \{21^2, 7^2, 6^2, 3^2\})$	4092
42	$\mathcal{O}(0; \{21^2, 7^2, 6^3, 2\})$	1860
42	$\mathcal{O}(0; \{21^2, 14^2, 7, 2^4\})$	2220
42	$\mathcal{O}(0; \{21^2, 14^2, 7, 3^3\})$	11100
42	$\mathcal{O}(0; \{21^2, 14^2, 7, 6, 3, 2\})$	6660
42	$\mathcal{O}(0; \{21^2, 14^4, 2^2\})$	13332
42	$\mathcal{O}(0; \{21^3, 14, 3^2, 2^3\})$	1860
42	$\mathcal{O}(0; \{21^3, 14, 6, 2^4\})$	1116
42	$\mathcal{O}(0; \{21^3, 14, 6, 3^3\})$	7812
42	$\mathcal{O}(0; \{21^3, 14, 6^2, 3, 2\})$	4092
42	$\mathcal{O}(0; \{21^5, 7, 2^2\})$	66660
42	$\mathcal{O}(0; \{21^5, 14^2\})$	399900
42	$\mathcal{O}(0; \{42, 14, 7^2, 3^3, 2^2\})$	1116
42	$\mathcal{O}(0; \{42, 14, 7^2, 6, 3, 2^3\})$	372
42	$\mathcal{O}(0; \{42, 14, 7^2, 6^2, 3^2\})$	1860
42	$\mathcal{O}(0; \{42, 14, 7^2, 6^3, 2\})$	1116
42	$\mathcal{O}(0; \{42, 14^3, 7, 3^3\})$	6660
42	$\mathcal{O}(0; \{42, 14^3, 7, 6, 3, 2\})$	2220
42	$\mathcal{O}(0; \{42, 21, 7, 3^2, 2^5\})$	180
42	$\mathcal{O}(0; \{42, 21, 7, 3^5, 2\})$	1260
42	$\mathcal{O}(0; \{42, 21, 7, 6, 2^6\})$	60
42	$\mathcal{O}(0; \{42, 21, 7, 6, 3^3, 2^2\})$	660
42	$\mathcal{O}(0; \{42, 21, 7, 6^2, 3, 2^3\})$	300
42	$\mathcal{O}(0; \{42, 21, 7, 6^3, 3^2\})$	1260
42	$\mathcal{O}(0; \{42, 21, 7, 6^4, 2\})$	660
42	$\mathcal{O}(0; \{42, 21, 14^2, 3^2, 2^3\})$	1116
42	$\mathcal{O}(0; \{42, 21, 14^2, 6, 2^4\})$	372
42	$\mathcal{O}(0; \{42, 21, 14^2, 6, 3^3\})$	4092
42	$\mathcal{O}(0; \{42, 21, 14^2, 6^2, 3, 2\})$	1860
42	$\mathcal{O}(0; \{42, 21^2, 7^3, 3, 2\})$	39996
42	$\mathcal{O}(0; \{42, 21^3, 14, 7, 2^2\})$	39996
42	$\mathcal{O}(0; \{42, 21^3, 14^3\})$	239940

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(0; \{42, 21^4, 3^2, 2\})$	46620
42	$\mathcal{O}(0; \{42, 21^4, 6, 2^2\})$	24420
42	$\mathcal{O}(0; \{42^2, 3, 2^8\})$	12
42	$\mathcal{O}(0; \{42^2, 3^4, 2^4\})$	132
42	$\mathcal{O}(0; \{42^2, 3^7\})$	1020
42	$\mathcal{O}(0; \{42^2, 6, 3^2, 2^5\})$	60
42	$\mathcal{O}(0; \{42^2, 6, 3^5, 2\})$	516
42	$\mathcal{O}(0; \{42^2, 6^2, 2^6\})$	36
42	$\mathcal{O}(0; \{42^2, 6^2, 3^3, 2^2\})$	252
42	$\mathcal{O}(0; \{42^2, 6^3, 3, 2^3\})$	132
42	$\mathcal{O}(0; \{42^2, 6^4, 3^2\})$	516
42	$\mathcal{O}(0; \{42^2, 6^5, 2\})$	252
42	$\mathcal{O}(0; \{42^2, 14, 7^3, 3, 2\})$	13332
42	$\mathcal{O}(0; \{42^2, 21, 7^2, 2^4\})$	2220
42	$\mathcal{O}(0; \{42^2, 21, 7^2, 3^3\})$	24420
42	$\mathcal{O}(0; \{42^2, 21, 7^2, 6, 3, 2\})$	11100
42	$\mathcal{O}(0; \{42^2, 21, 14^2, 7, 2^2\})$	13332
42	$\mathcal{O}(0; \{42^2, 21, 14^4\})$	79980
42	$\mathcal{O}(0; \{42^2, 21^2, 14, 3^2, 2\})$	24420
42	$\mathcal{O}(0; \{42^2, 21^2, 14, 6, 2^2\})$	11100
42	$\mathcal{O}(0; \{42^2, 21^4, 7\})$	879780
42	$\mathcal{O}(0; \{42^3, 7, 3^2, 2^3\})$	1860
42	$\mathcal{O}(0; \{42^3, 7, 6, 2^4\})$	1116
42	$\mathcal{O}(0; \{42^3, 7, 6, 3^3\})$	7812
42	$\mathcal{O}(0; \{42^3, 7, 6^2, 3, 2\})$	4092
42	$\mathcal{O}(0; \{42^3, 14^2, 3^2, 2\})$	11100
42	$\mathcal{O}(0; \{42^3, 14^2, 6, 2^2\})$	6660
42	$\mathcal{O}(0; \{42^3, 21^2, 14, 7\})$	399900
42	$\mathcal{O}(0; \{42^3, 21^3, 6\})$	279972
42	$\mathcal{O}(0; \{42^4, 7^2, 2^2\})$	39996
42	$\mathcal{O}(0; \{42^4, 14^2, 7\})$	239940
42	$\mathcal{O}(0; \{42^4, 21, 14, 6\})$	146652
44	$\mathcal{O}(1; \{22^2, 4^2, 2^2\})$	38720
44	$\mathcal{O}(1; \{44^2, 22, 2^3\})$	348480
44	$\mathcal{O}(1; \{44^2, 22, 4^2\})$	1393920
44	$\mathcal{O}(1; \{44^4, 2\})$	14094080
44	$\mathcal{O}(0; \{22^2, 4^2, 2^6\})$	20
44	$\mathcal{O}(0; \{22^2, 4^4, 2^3\})$	80
44	$\mathcal{O}(0; \{22^2, 4^6\})$	320
44	$\mathcal{O}(0; \{44, 22, 11^3, 4, 2^2\})$	18180
44	$\mathcal{O}(0; \{44, 22^3, 11^2, 4\})$	181820
44	$\mathcal{O}(0; \{44^2, 22, 2^7\})$	180
44	$\mathcal{O}(0; \{44^2, 22, 4^2, 2^4\})$	720

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
44	$\mathcal{O}(0; \{44^2, 22, 4^4, 2\})$	2880
44	$\mathcal{O}(0; \{44^3, 11^3, 4\})$	727280
44	$\mathcal{O}(0; \{44^4, 2^5\})$	7280
44	$\mathcal{O}(0; \{44^4, 4^2, 2^2\})$	29120
45	$\mathcal{O}(1; \{15, 9^2, 5^2\})$	291600
45	$\mathcal{O}(1; \{15^2, 9^2, 3\})$	388800
45	$\mathcal{O}(1; \{45^2, 9, 5, 3\})$	874800
45	$\mathcal{O}(0; \{9^2, 5^4, 3^2\})$	1248
45	$\mathcal{O}(0; \{15, 9^2, 5^2, 3^3\})$	1152
45	$\mathcal{O}(0; \{15^2, 9^2, 3^4\})$	1536
45	$\mathcal{O}(0; \{15^2, 9^5\})$	12960
45	$\mathcal{O}(0; \{15^4, 9^2, 5\})$	19584
45	$\mathcal{O}(0; \{45, 15^2, 9^3, 5\})$	33696
45	$\mathcal{O}(0; \{45^2, 9, 5, 3^4\})$	3456
45	$\mathcal{O}(0; \{45^2, 9^4, 5\})$	64152
45	$\mathcal{O}(0; \{45^2, 15^2, 9, 5^2\})$	59040
45	$\mathcal{O}(0; \{45^2, 15^3, 9, 3\})$	58752
45	$\mathcal{O}(0; \{45^3, 9^2, 5^2\})$	165240
45	$\mathcal{O}(0; \{45^3, 15, 9^2, 3\})$	168480
45	$\mathcal{O}(0; \{45^4, 5^3\})$	530712
45	$\mathcal{O}(0; \{45^4, 15, 5, 3\})$	531360
48	$\mathcal{O}(1; \{16^2, 6, 3^2\})$	36864
48	$\mathcal{O}(1; \{16^2, 6^2, 2\})$	36864
48	$\mathcal{O}(1; \{48, 24, 16, 3, 2\})$	147456
48	$\mathcal{O}(1; \{48^2, 4, 3^2\})$	221184
48	$\mathcal{O}(1; \{48^2, 6, 4, 2\})$	73728
48	$\mathcal{O}(1; \{48^2, 12, 3, 2\})$	221184
48	$\mathcal{O}(0; \{16^2, 3^4, 2^3\})$	48
48	$\mathcal{O}(0; \{16^2, 4^2, 3^4\})$	192
48	$\mathcal{O}(0; \{16^2, 6, 3^2, 2^4\})$	16
48	$\mathcal{O}(0; \{16^2, 6, 3^5\})$	176
48	$\mathcal{O}(0; \{16^2, 6, 4^2, 3^2, 2\})$	64
48	$\mathcal{O}(0; \{16^2, 6^2, 2^5\})$	16
48	$\mathcal{O}(0; \{16^2, 6^2, 3^3, 2\})$	80
48	$\mathcal{O}(0; \{16^2, 6^2, 4^2, 2^2\})$	64
48	$\mathcal{O}(0; \{16^2, 6^3, 3, 2^2\})$	48
48	$\mathcal{O}(0; \{16^2, 6^5\})$	80
48	$\mathcal{O}(0; \{16^2, 8^2, 6^2, 4\})$	512
48	$\mathcal{O}(0; \{16^2, 12, 4, 3^3, 2\})$	192
48	$\mathcal{O}(0; \{16^2, 12, 6, 4, 3, 2^2\})$	64
48	$\mathcal{O}(0; \{16^2, 12, 6^3, 4\})$	192
48	$\mathcal{O}(0; \{16^2, 12, 8^2, 6, 3\})$	512
48	$\mathcal{O}(0; \{16^2, 12^2, 3^2, 2^2\})$	192

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{16^2, 12^2, 6, 2^3\})$	64
48	$\mathcal{O}(0; \{16^2, 12^2, 6, 4^2\})$	256
48	$\mathcal{O}(0; \{16^2, 12^2, 6^2, 3\})$	320
48	$\mathcal{O}(0; \{16^2, 12^3, 4, 3\})$	768
48	$\mathcal{O}(0; \{16^2, 12^4, 2\})$	768
48	$\mathcal{O}(0; \{24, 16^2, 8, 3^2, 2^2\})$	256
48	$\mathcal{O}(0; \{24, 16^2, 8, 6, 2^3\})$	256
48	$\mathcal{O}(0; \{24, 16^2, 8, 6, 4^2\})$	1024
48	$\mathcal{O}(0; \{24, 16^2, 8, 6^2, 3\})$	768
48	$\mathcal{O}(0; \{24, 16^2, 12, 8, 4, 3\})$	1024
48	$\mathcal{O}(0; \{24, 16^2, 12^2, 8, 2\})$	1024
48	$\mathcal{O}(0; \{24, 16^4, 3^2\})$	4096
48	$\mathcal{O}(0; \{24, 16^4, 6, 2\})$	4096
48	$\mathcal{O}(0; \{24^2, 16^2, 4, 2^3\})$	512
48	$\mathcal{O}(0; \{24^2, 16^2, 4^3\})$	2048
48	$\mathcal{O}(0; \{24^2, 16^2, 6, 4, 3\})$	1536
48	$\mathcal{O}(0; \{24^2, 16^2, 8^2, 2\})$	4096
48	$\mathcal{O}(0; \{24^2, 16^2, 12, 3^2\})$	2560
48	$\mathcal{O}(0; \{24^2, 16^2, 12, 6, 2\})$	1536
48	$\mathcal{O}(0; \{48, 16, 8, 4, 3^3, 2\})$	384
48	$\mathcal{O}(0; \{48, 16, 8, 6, 4, 3, 2^2\})$	128
48	$\mathcal{O}(0; \{48, 16, 8, 6^3, 4\})$	384
48	$\mathcal{O}(0; \{48, 16, 8^3, 6, 3\})$	1024
48	$\mathcal{O}(0; \{48, 16, 12, 8, 3^2, 2^2\})$	384
48	$\mathcal{O}(0; \{48, 16, 12, 8, 6, 2^3\})$	128
48	$\mathcal{O}(0; \{48, 16, 12, 8, 6, 4^2\})$	512
48	$\mathcal{O}(0; \{48, 16, 12, 8, 6^2, 3\})$	640
48	$\mathcal{O}(0; \{48, 16, 12^2, 8, 4, 3\})$	1536
48	$\mathcal{O}(0; \{48, 16, 12^3, 8, 2\})$	1536
48	$\mathcal{O}(0; \{48, 16^3, 6, 4, 3\})$	2048
48	$\mathcal{O}(0; \{48, 16^3, 12, 3^2\})$	6144
48	$\mathcal{O}(0; \{48, 16^3, 12, 6, 2\})$	2048
48	$\mathcal{O}(0; \{48, 24, 16, 3, 2^5\})$	64
48	$\mathcal{O}(0; \{48, 24, 16, 3^4, 2\})$	704
48	$\mathcal{O}(0; \{48, 24, 16, 4^2, 3, 2^2\})$	256
48	$\mathcal{O}(0; \{48, 24, 16, 6, 3^2, 2^2\})$	320
48	$\mathcal{O}(0; \{48, 24, 16, 6^2, 2^3\})$	192
48	$\mathcal{O}(0; \{48, 24, 16, 6^2, 4^2\})$	768
48	$\mathcal{O}(0; \{48, 24, 16, 6^3, 3\})$	704
48	$\mathcal{O}(0; \{48, 24, 16, 8^2, 4, 3\})$	2048
48	$\mathcal{O}(0; \{48, 24, 16, 12, 4, 2^3\})$	256
48	$\mathcal{O}(0; \{48, 24, 16, 12, 4^3\})$	1024
48	$\mathcal{O}(0; \{48, 24, 16, 12, 6, 4, 3\})$	1280

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{48, 24, 16, 12, 8^2, 2\})$	2048
48	$\mathcal{O}(0; \{48, 24, 16, 12^2, 3^2\})$	2816
48	$\mathcal{O}(0; \{48, 24, 16, 12^2, 6, 2\})$	1280
48	$\mathcal{O}(0; \{48, 24^2, 16, 8, 3^2\})$	5120
48	$\mathcal{O}(0; \{48, 24^2, 16, 8, 6, 2\})$	3072
48	$\mathcal{O}(0; \{48, 24^3, 16, 4, 2\})$	6144
48	$\mathcal{O}(0; \{48^2, 4, 3^2, 2^4\})$	96
48	$\mathcal{O}(0; \{48^2, 4, 3^5\})$	672
48	$\mathcal{O}(0; \{48^2, 4^3, 3^2, 2\})$	384
48	$\mathcal{O}(0; \{48^2, 6, 4, 2^5\})$	32
48	$\mathcal{O}(0; \{48^2, 6, 4, 3^3, 2\})$	352
48	$\mathcal{O}(0; \{48^2, 6, 4^3, 2^2\})$	128
48	$\mathcal{O}(0; \{48^2, 6^2, 4, 3, 2^2\})$	160
48	$\mathcal{O}(0; \{48^2, 6^4, 4\})$	352
48	$\mathcal{O}(0; \{48^2, 8^2, 3^2, 2^2\})$	768
48	$\mathcal{O}(0; \{48^2, 8^2, 6, 2^3\})$	256
48	$\mathcal{O}(0; \{48^2, 8^2, 6, 4^2\})$	1024
48	$\mathcal{O}(0; \{48^2, 8^2, 6^2, 3\})$	1280
48	$\mathcal{O}(0; \{48^2, 12, 3, 2^5\})$	96
48	$\mathcal{O}(0; \{48^2, 12, 3^4, 2\})$	672
48	$\mathcal{O}(0; \{48^2, 12, 4^2, 3, 2^2\})$	384
48	$\mathcal{O}(0; \{48^2, 12, 6, 3^2, 2^2\})$	352
48	$\mathcal{O}(0; \{48^2, 12, 6^2, 2^3\})$	160
48	$\mathcal{O}(0; \{48^2, 12, 6^2, 4^2\})$	640
48	$\mathcal{O}(0; \{48^2, 12, 6^3, 3\})$	672
48	$\mathcal{O}(0; \{48^2, 12, 8^2, 4, 3\})$	3072
48	$\mathcal{O}(0; \{48^2, 12^2, 4, 2^3\})$	384
48	$\mathcal{O}(0; \{48^2, 12^2, 4^3\})$	1536
48	$\mathcal{O}(0; \{48^2, 12^2, 6, 4, 3\})$	1408
48	$\mathcal{O}(0; \{48^2, 12^2, 8^2, 2\})$	3072
48	$\mathcal{O}(0; \{48^2, 12^3, 3^2\})$	2688
48	$\mathcal{O}(0; \{48^2, 12^3, 6, 2\})$	1408
48	$\mathcal{O}(0; \{48^2, 16^2, 8, 3^2\})$	12288
48	$\mathcal{O}(0; \{48^2, 16^2, 8, 6, 2\})$	4096
48	$\mathcal{O}(0; \{48^2, 24, 8, 4, 2^3\})$	512
48	$\mathcal{O}(0; \{48^2, 24, 8, 4^3\})$	2048
48	$\mathcal{O}(0; \{48^2, 24, 8, 6, 4, 3\})$	2560
48	$\mathcal{O}(0; \{48^2, 24, 8^3, 2\})$	4096
48	$\mathcal{O}(0; \{48^2, 24, 12, 8, 3^2\})$	5632
48	$\mathcal{O}(0; \{48^2, 24, 12, 8, 6, 2\})$	2560
48	$\mathcal{O}(0; \{48^2, 24, 16^2, 4, 2\})$	8192
48	$\mathcal{O}(0; \{48^2, 24^2, 3, 2^3\})$	1280
48	$\mathcal{O}(0; \{48^2, 24^2, 4^2, 3\})$	5120

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{48^2, 24^2, 6, 3^2\})$	5376
48	$\mathcal{O}(0; \{48^2, 24^2, 6^2, 2\})$	2816
48	$\mathcal{O}(0; \{48^2, 24^2, 12, 4, 2\})$	5120
48	$\mathcal{O}(0; \{48^3, 16, 3, 2^3\})$	3072
48	$\mathcal{O}(0; \{48^3, 16, 4^2, 3\})$	12288
48	$\mathcal{O}(0; \{48^3, 16, 6, 3^2\})$	11264
48	$\mathcal{O}(0; \{48^3, 16, 6^2, 2\})$	5120
48	$\mathcal{O}(0; \{48^3, 16, 12, 4, 2\})$	12288
48	$\mathcal{O}(0; \{48^4, 8, 4, 2\})$	24576
48	$\mathcal{O}(0; \{48^4, 24, 3, 2\})$	45056
49	$\mathcal{O}(2; \{49^2\})$	242121642
50	$\mathcal{O}(1; \{25^3, 2^2\})$	750000
50	$\mathcal{O}(1; \{50^2, 25^2\})$	16250000
50	$\mathcal{O}(0; \{25^3, 2^6\})$	300
50	$\mathcal{O}(0; \{25^3, 10, 5^2, 2\})$	19200
50	$\mathcal{O}(0; \{50^2, 25^2, 2^4\})$	6500
50	$\mathcal{O}(0; \{50^4, 25, 2^2\})$	127500
50	$\mathcal{O}(0; \{50^6\})$	2562500
51	$\mathcal{O}(0; \{51, 17^3, 3^3\})$	23136
51	$\mathcal{O}(0; \{51^4, 17^2\})$	5921376
52	$\mathcal{O}(0; \{26, 13^3, 4^2, 2\})$	3192
52	$\mathcal{O}(0; \{52^2, 13^3, 2^2\})$	38280
52	$\mathcal{O}(0; \{52^2, 26^2, 13^2\})$	459384
54	$\mathcal{O}(1; \{27^2, 3, 2^2\})$	104976
54	$\mathcal{O}(1; \{27^2, 6^2\})$	209952
54	$\mathcal{O}(1; \{54^2, 27, 3\})$	944784
54	$\mathcal{O}(0; \{27^2, 3, 2^6\})$	36
54	$\mathcal{O}(0; \{27^2, 3^4, 2^2\})$	288
54	$\mathcal{O}(0; \{27^2, 6, 3^2, 2^3\})$	144
54	$\mathcal{O}(0; \{27^2, 6^2, 2^4\})$	72
54	$\mathcal{O}(0; \{27^2, 6^2, 3^3\})$	576
54	$\mathcal{O}(0; \{27^2, 6^3, 3, 2\})$	288
54	$\mathcal{O}(0; \{27^2, 9^3, 2^2\})$	3888
54	$\mathcal{O}(0; \{27^2, 18, 9, 3^2, 2\})$	2592
54	$\mathcal{O}(0; \{27^2, 18, 9, 6, 2^2\})$	1296
54	$\mathcal{O}(0; \{27^2, 18^2, 9^2\})$	23328
54	$\mathcal{O}(0; \{27^2, 18^3, 6\})$	7776
54	$\mathcal{O}(0; \{54, 27^3, 9, 6\})$	52488
54	$\mathcal{O}(0; \{54^2, 27, 3, 2^4\})$	324
54	$\mathcal{O}(0; \{54^2, 27, 3^4\})$	2592
54	$\mathcal{O}(0; \{54^2, 27, 6, 3^2, 2\})$	1296
54	$\mathcal{O}(0; \{54^2, 27, 6^2, 2^2\})$	648
54	$\mathcal{O}(0; \{54^2, 27, 9^3\})$	34992

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
54	$\mathcal{O}(0; \{54^2, 27, 18, 9, 6\})$	11664
54	$\mathcal{O}(0; \{54^4, 3, 2^2\})$	8748
54	$\mathcal{O}(0; \{54^4, 6^2\})$	17496
55	$\mathcal{O}(0; \{55^4, 5^2\})$	746200
56	$\mathcal{O}(1; \{8^2, 7^2\})$	75264
56	$\mathcal{O}(1; \{56, 8, 7, 4\})$	150528
56	$\mathcal{O}(1; \{56^2, 2^3\})$	75264
56	$\mathcal{O}(1; \{56^2, 4^2\})$	301056
56	$\mathcal{O}(0; \{8^2, 7^2, 2^4\})$	24
56	$\mathcal{O}(0; \{8^2, 7^2, 4^2, 2\})$	96
56	$\mathcal{O}(0; \{14^2, 8^2, 7, 2^2\})$	120
56	$\mathcal{O}(0; \{14^4, 8^2\})$	744
56	$\mathcal{O}(0; \{28^2, 14, 8^2, 7\})$	2976
56	$\mathcal{O}(0; \{56, 8, 7, 4, 2^4\})$	48
56	$\mathcal{O}(0; \{56, 8, 7, 4^3, 2\})$	192
56	$\mathcal{O}(0; \{56, 8^3, 7, 2^2\})$	384
56	$\mathcal{O}(0; \{56, 14^2, 8, 4, 2^2\})$	240
56	$\mathcal{O}(0; \{56, 14^2, 8^3\})$	1920
56	$\mathcal{O}(0; \{56, 28, 14, 8, 7^2\})$	8880
56	$\mathcal{O}(0; \{56, 28^2, 14, 8, 4\})$	5952
56	$\mathcal{O}(0; \{56^2, 2^7\})$	24
56	$\mathcal{O}(0; \{56^2, 4^2, 2^4\})$	96
56	$\mathcal{O}(0; \{56^2, 4^4, 2\})$	384
56	$\mathcal{O}(0; \{56^2, 8^2, 4, 2^2\})$	768
56	$\mathcal{O}(0; \{56^2, 8^4\})$	6144
56	$\mathcal{O}(0; \{56^2, 14, 7^3\})$	26664
56	$\mathcal{O}(0; \{56^2, 28, 14, 7, 4\})$	17760
58	$\mathcal{O}(0; \{58, 29^4, 2\})$	593460
60	$\mathcal{O}(1; \{20^2, 3^2\})$	57600
60	$\mathcal{O}(0; \{5^3, 4^2, 3^2\})$	48
60	$\mathcal{O}(0; \{12, 5^3, 4, 3, 2\})$	48
60	$\mathcal{O}(0; \{12^2, 5^3, 2^2\})$	48
60	$\mathcal{O}(0; \{12^2, 10^2, 5^2\})$	208
60	$\mathcal{O}(0; \{15, 5, 4^2, 3^3\})$	48
60	$\mathcal{O}(0; \{15, 6, 5, 4^2, 3, 2\})$	16
60	$\mathcal{O}(0; \{15, 12, 5, 4, 3^2, 2\})$	48
60	$\mathcal{O}(0; \{15, 12, 6, 5, 4, 2^2\})$	16
60	$\mathcal{O}(0; \{15, 12, 10^2, 6, 4\})$	48
60	$\mathcal{O}(0; \{15, 12^2, 5, 3, 2^2\})$	48
60	$\mathcal{O}(0; \{15, 12^2, 6^2, 5\})$	80
60	$\mathcal{O}(0; \{15, 12^2, 10^2, 3\})$	144
60	$\mathcal{O}(0; \{15, 12^3, 5, 4\})$	192
60	$\mathcal{O}(0; \{15^2, 12, 10, 5, 4\})$	208

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{15^4, 4^2\})$	624
60	$\mathcal{O}(0; \{20, 10, 5, 4, 3^2, 2\})$	48
60	$\mathcal{O}(0; \{20, 12, 10, 5, 3, 2^2\})$	48
60	$\mathcal{O}(0; \{20, 12, 10, 6^2, 5\})$	48
60	$\mathcal{O}(0; \{20, 12, 10^3, 3\})$	208
60	$\mathcal{O}(0; \{20, 12^2, 10, 5, 4\})$	192
60	$\mathcal{O}(0; \{20, 15, 12, 6, 5^2\})$	208
60	$\mathcal{O}(0; \{20, 15^2, 4, 3, 2^2\})$	48
60	$\mathcal{O}(0; \{20, 15^2, 6^2, 4\})$	144
60	$\mathcal{O}(0; \{20, 15^2, 12, 2^3\})$	48
60	$\mathcal{O}(0; \{20, 15^2, 12, 4^2\})$	192
60	$\mathcal{O}(0; \{20, 15^2, 12, 6, 3\})$	240
60	$\mathcal{O}(0; \{20^2, 3^2, 2^4\})$	16
60	$\mathcal{O}(0; \{20^2, 3^5\})$	80
60	$\mathcal{O}(0; \{20^2, 4^2, 3^2, 2\})$	64
60	$\mathcal{O}(0; \{20^2, 6, 3^3, 2\})$	48
60	$\mathcal{O}(0; \{20^2, 6^2, 3, 2^2\})$	16
60	$\mathcal{O}(0; \{20^2, 6^4\})$	48
60	$\mathcal{O}(0; \{20^2, 12, 4, 3, 2^2\})$	64
60	$\mathcal{O}(0; \{20^2, 12, 6^2, 4\})$	64
60	$\mathcal{O}(0; \{20^2, 12^2, 2^3\})$	64
60	$\mathcal{O}(0; \{20^2, 12^2, 4^2\})$	256
60	$\mathcal{O}(0; \{20^2, 12^2, 6, 3\})$	192
60	$\mathcal{O}(0; \{20^2, 15, 10, 6, 3\})$	208
60	$\mathcal{O}(0; \{20^2, 15^2, 5, 3\})$	816
60	$\mathcal{O}(0; \{20^3, 12, 5, 3\})$	832
60	$\mathcal{O}(0; \{30, 5^2, 4^2, 3, 2\})$	48
60	$\mathcal{O}(0; \{30, 12, 5^2, 4, 2^2\})$	48
60	$\mathcal{O}(0; \{30, 12, 10^2, 5, 4\})$	208
60	$\mathcal{O}(0; \{30, 12^2, 6, 5^2\})$	144
60	$\mathcal{O}(0; \{30, 15, 4^2, 3^2, 2\})$	48
60	$\mathcal{O}(0; \{30, 15, 6, 4^2, 2^2\})$	16
60	$\mathcal{O}(0; \{30, 15, 12, 4, 3, 2^2\})$	48
60	$\mathcal{O}(0; \{30, 15, 12, 6^2, 4\})$	80
60	$\mathcal{O}(0; \{30, 15, 12^2, 2^3\})$	48
60	$\mathcal{O}(0; \{30, 15, 12^2, 4^2\})$	192
60	$\mathcal{O}(0; \{30, 15, 12^2, 6, 3\})$	176
60	$\mathcal{O}(0; \{30, 15^2, 10, 4^2\})$	208
60	$\mathcal{O}(0; \{30, 20, 10, 4, 3, 2^2\})$	48
60	$\mathcal{O}(0; \{30, 20, 10, 6^2, 4\})$	48
60	$\mathcal{O}(0; \{30, 20, 12, 5^3\})$	816
60	$\mathcal{O}(0; \{30, 20, 12, 10, 2^3\})$	48
60	$\mathcal{O}(0; \{30, 20, 12, 10, 4^2\})$	192

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{30, 20, 12, 10, 6, 3\})$	144
60	$\mathcal{O}(0; \{30, 20, 15, 6, 5, 4\})$	208
60	$\mathcal{O}(0; \{30, 20, 15, 12, 5, 3\})$	624
60	$\mathcal{O}(0; \{30, 20^2, 10, 5, 3\})$	816
60	$\mathcal{O}(0; \{30, 20^2, 15^2, 2\})$	816
60	$\mathcal{O}(0; \{30, 20^3, 4, 3\})$	832
60	$\mathcal{O}(0; \{30, 20^3, 12, 2\})$	832
60	$\mathcal{O}(0; \{30^2, 5, 4^2, 2^2\})$	48
60	$\mathcal{O}(0; \{30^2, 10^2, 4^2\})$	208
60	$\mathcal{O}(0; \{30^2, 12, 6, 5, 4\})$	144
60	$\mathcal{O}(0; \{30^2, 12^2, 5, 3\})$	240
60	$\mathcal{O}(0; \{30^2, 20, 5^2, 4\})$	816
60	$\mathcal{O}(0; \{30^2, 20, 15, 4, 3\})$	624
60	$\mathcal{O}(0; \{30^2, 20, 15, 12, 2\})$	624
60	$\mathcal{O}(0; \{30^2, 20^2, 10, 2\})$	816
60	$\mathcal{O}(0; \{30^3, 6, 4^2\})$	144
60	$\mathcal{O}(0; \{30^3, 12, 4, 3\})$	240
60	$\mathcal{O}(0; \{30^3, 12^2, 2\})$	240
60	$\mathcal{O}(0; \{60, 12, 10, 6, 5^2\})$	208
60	$\mathcal{O}(0; \{60, 15, 10, 4, 3, 2^2\})$	48
60	$\mathcal{O}(0; \{60, 15, 10, 6^2, 4\})$	144
60	$\mathcal{O}(0; \{60, 15, 12, 5^3\})$	816
60	$\mathcal{O}(0; \{60, 15, 12, 10, 2^3\})$	48
60	$\mathcal{O}(0; \{60, 15, 12, 10, 4^2\})$	192
60	$\mathcal{O}(0; \{60, 15, 12, 10, 6, 3\})$	240
60	$\mathcal{O}(0; \{60, 15^2, 6, 5, 4\})$	624
60	$\mathcal{O}(0; \{60, 15^2, 12, 5, 3\})$	1040
60	$\mathcal{O}(0; \{60, 20, 5, 3^3, 2\})$	144
60	$\mathcal{O}(0; \{60, 20, 6, 5, 3, 2^2\})$	48
60	$\mathcal{O}(0; \{60, 20, 6^3, 5\})$	144
60	$\mathcal{O}(0; \{60, 20, 10^2, 6, 3\})$	208
60	$\mathcal{O}(0; \{60, 20, 12, 6, 5, 4\})$	192
60	$\mathcal{O}(0; \{60, 20, 12^2, 5, 3\})$	576
60	$\mathcal{O}(0; \{60, 20, 15, 10, 5, 3\})$	816
60	$\mathcal{O}(0; \{60, 20, 15^3, 2\})$	2448
60	$\mathcal{O}(0; \{60, 20^2, 15, 4, 3\})$	832
60	$\mathcal{O}(0; \{60, 20^2, 15, 12, 2\})$	832
60	$\mathcal{O}(0; \{60, 30, 10, 6, 5, 4\})$	208
60	$\mathcal{O}(0; \{60, 30, 12, 10, 5, 3\})$	624
60	$\mathcal{O}(0; \{60, 30, 15, 5^2, 4\})$	816
60	$\mathcal{O}(0; \{60, 30, 15^2, 4, 3\})$	1040
60	$\mathcal{O}(0; \{60, 30, 15^2, 12, 2\})$	1040
60	$\mathcal{O}(0; \{60, 30, 20, 3^2, 2^2\})$	144

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{60, 30, 20, 6, 2^3\})$	48
60	$\mathcal{O}(0; \{60, 30, 20, 6, 4^2\})$	192
60	$\mathcal{O}(0; \{60, 30, 20, 6^2, 3\})$	240
60	$\mathcal{O}(0; \{60, 30, 20, 12, 4, 3\})$	576
60	$\mathcal{O}(0; \{60, 30, 20, 12^2, 2\})$	576
60	$\mathcal{O}(0; \{60, 30, 20, 15, 10, 2\})$	816
60	$\mathcal{O}(0; \{60, 30^2, 10, 4, 3\})$	624
60	$\mathcal{O}(0; \{60, 30^2, 12, 10, 2\})$	624
60	$\mathcal{O}(0; \{60^2, 5^2, 3, 2^2\})$	208
60	$\mathcal{O}(0; \{60^2, 6^2, 5^2\})$	624
60	$\mathcal{O}(0; \{60^2, 10^2, 5, 3\})$	816
60	$\mathcal{O}(0; \{60^2, 12, 5^2, 4\})$	832
60	$\mathcal{O}(0; \{60^2, 15, 3^2, 2^2\})$	240
60	$\mathcal{O}(0; \{60^2, 15, 6, 2^3\})$	144
60	$\mathcal{O}(0; \{60^2, 15, 6, 4^2\})$	576
60	$\mathcal{O}(0; \{60^2, 15, 6^2, 3\})$	528
60	$\mathcal{O}(0; \{60^2, 15, 12, 4, 3\})$	960
60	$\mathcal{O}(0; \{60^2, 15, 12^2, 2\})$	960
60	$\mathcal{O}(0; \{60^2, 15^2, 10, 2\})$	2448
60	$\mathcal{O}(0; \{60^2, 20, 10, 4, 3\})$	832
60	$\mathcal{O}(0; \{60^2, 20, 12, 10, 2\})$	832
60	$\mathcal{O}(0; \{60^2, 30, 5, 2^3\})$	208
60	$\mathcal{O}(0; \{60^2, 30, 5, 4^2\})$	832
60	$\mathcal{O}(0; \{60^2, 30, 6, 5, 3\})$	1040
60	$\mathcal{O}(0; \{60^2, 30, 10^2, 2\})$	816
60	$\mathcal{O}(0; \{60^2, 30^2, 3^2\})$	2288
60	$\mathcal{O}(0; \{60^2, 30^2, 6, 2\})$	1040
60	$\mathcal{O}(0; \{60^3, 20, 3^2\})$	4160
60	$\mathcal{O}(0; \{60^3, 20, 6, 2\})$	2496
60	$\mathcal{O}(0; \{60^4, 5, 2\})$	9792
63	$\mathcal{O}(0; \{63^2, 9^2, 3^2\})$	3888
64	$\mathcal{O}(0; \{64^2, 16, 8, 4, 2\})$	2048
66	$\mathcal{O}(1; \{33^2, 2^2\})$	87120
66	$\mathcal{O}(1; \{66^2, 33\})$	784080
66	$\mathcal{O}(0; \{22, 11^2, 6, 3^2\})$	180
66	$\mathcal{O}(0; \{22, 11^2, 6^2, 2\})$	180
66	$\mathcal{O}(0; \{33^2, 2^6\})$	20
66	$\mathcal{O}(0; \{33^2, 3^3, 2^2\})$	100
66	$\mathcal{O}(0; \{33^2, 6, 3, 2^3\})$	60
66	$\mathcal{O}(0; \{33^2, 6^2, 3^2\})$	220
66	$\mathcal{O}(0; \{33^2, 6^3, 2\})$	100
66	$\mathcal{O}(0; \{66, 22, 3^3, 2^2\})$	60
66	$\mathcal{O}(0; \{66, 22, 6, 3, 2^3\})$	20

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
66	$\mathcal{O}(0; \{66, 22, 6^2, 3^2\})$	100
66	$\mathcal{O}(0; \{66, 22, 6^3, 2\})$	60
66	$\mathcal{O}(0; \{66, 33, 11^2, 3, 2\})$	1820
66	$\mathcal{O}(0; \{66^2, 33, 2^4\})$	180
66	$\mathcal{O}(0; \{66^2, 33, 3^3\})$	1980
66	$\mathcal{O}(0; \{66^2, 33, 6, 3, 2\})$	900
66	$\mathcal{O}(0; \{66^4, 2^2\})$	5460
68	$\mathcal{O}(0; \{34, 17^2, 4^2, 2\})$	480
68	$\mathcal{O}(0; \{68^2, 17^2, 2^2\})$	7712
68	$\mathcal{O}(0; \{68^2, 34^2, 17\})$	123360
70	$\mathcal{O}(1; \{70^2, 5\})$	352800
70	$\mathcal{O}(0; \{10, 7^3, 5, 2\})$	120
70	$\mathcal{O}(0; \{35^2, 14, 10, 2^2\})$	360
70	$\mathcal{O}(0; \{35^3, 7, 2^2\})$	2232
70	$\mathcal{O}(0; \{35^3, 14^2\})$	13320
70	$\mathcal{O}(0; \{70^2, 5, 2^4\})$	72
70	$\mathcal{O}(0; \{70^2, 10^2, 2^2\})$	312
70	$\mathcal{O}(0; \{70^2, 35, 14, 10\})$	9672
70	$\mathcal{O}(0; \{70^2, 35^2, 7\})$	57720
72	$\mathcal{O}(0; \{9^2, 8^2, 3, 2\})$	48
72	$\mathcal{O}(0; \{24^2, 9^2, 2^2\})$	96
72	$\mathcal{O}(0; \{24^2, 18^2, 9\})$	288
72	$\mathcal{O}(0; \{36, 24, 9, 8, 2^2\})$	96
72	$\mathcal{O}(0; \{36, 24, 18^2, 8\})$	288
72	$\mathcal{O}(0; \{36, 24^2, 12, 9\})$	768
72	$\mathcal{O}(0; \{36^2, 8^2, 2^2\})$	96
72	$\mathcal{O}(0; \{36^2, 24, 12, 8\})$	768
72	$\mathcal{O}(0; \{36^2, 24^2, 6\})$	768
72	$\mathcal{O}(0; \{72, 18, 9, 8, 2^2\})$	72
72	$\mathcal{O}(0; \{72, 18^3, 8\})$	648
72	$\mathcal{O}(0; \{72, 24, 18, 12, 9\})$	576
72	$\mathcal{O}(0; \{72, 36, 18, 12, 8\})$	576
72	$\mathcal{O}(0; \{72, 36, 24, 9^2\})$	2592
72	$\mathcal{O}(0; \{72, 36, 24, 18, 6\})$	576
72	$\mathcal{O}(0; \{72, 36^2, 9, 8\})$	2592
72	$\mathcal{O}(0; \{72^2, 9, 3^2, 2\})$	288
72	$\mathcal{O}(0; \{72^2, 9, 6, 2^2\})$	144
72	$\mathcal{O}(0; \{72^2, 12^2, 9\})$	1152
72	$\mathcal{O}(0; \{72^2, 18, 9^2\})$	3240
72	$\mathcal{O}(0; \{72^2, 18^2, 6\})$	1296
72	$\mathcal{O}(0; \{72^2, 24, 9, 8\})$	2304
72	$\mathcal{O}(0; \{72^2, 36, 4, 2^2\})$	288
72	$\mathcal{O}(0; \{72^2, 36, 8^2\})$	2304

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
72	$\mathcal{O}(0; \{72^2, 36, 12, 6\})$	1152
72	$\mathcal{O}(0; \{72^4, 4\})$	20736
75	$\mathcal{O}(0; \{25^2, 3^4\})$	120
75	$\mathcal{O}(0; \{25^2, 15^2, 5\})$	2560
75	$\mathcal{O}(0; \{75^3, 25, 3\})$	39000
77	$\mathcal{O}(0; \{77, 11^2, 7^2\})$	2700
78	$\mathcal{O}(0; \{39, 13^2, 3, 2^2\})$	264
78	$\mathcal{O}(0; \{39, 13^2, 6^2\})$	264
78	$\mathcal{O}(0; \{39, 26^2, 13, 3\})$	3192
78	$\mathcal{O}(0; \{78^2, 13^2, 3\})$	3192
80	$\mathcal{O}(0; \{16^2, 10^2, 4\})$	64
80	$\mathcal{O}(0; \{20, 16^2, 5^2\})$	192
80	$\mathcal{O}(0; \{80, 16, 10, 5^2\})$	416
80	$\mathcal{O}(0; \{80, 20, 16, 5, 4\})$	384
80	$\mathcal{O}(0; \{80^2, 10, 5, 4\})$	832
80	$\mathcal{O}(0; \{80^2, 20, 2^3\})$	192
80	$\mathcal{O}(0; \{80^2, 20, 4^2\})$	768
80	$\mathcal{O}(0; \{80^2, 40^2, 2\})$	6656
84	$\mathcal{O}(0; \{21, 12, 7, 6, 4\})$	24
84	$\mathcal{O}(0; \{21, 12^2, 7, 3\})$	72
84	$\mathcal{O}(0; \{28, 14, 6^2, 4\})$	24
84	$\mathcal{O}(0; \{28, 14, 12, 6, 3\})$	24
84	$\mathcal{O}(0; \{42, 28, 21, 4, 3\})$	120
84	$\mathcal{O}(0; \{42, 28, 21, 12, 2\})$	120
84	$\mathcal{O}(0; \{42^2, 7, 4^2\})$	120
84	$\mathcal{O}(0; \{84, 21^2, 4, 3\})$	360
84	$\mathcal{O}(0; \{84, 21^2, 12, 2\})$	360
84	$\mathcal{O}(0; \{84, 28, 7, 6, 3\})$	120
84	$\mathcal{O}(0; \{84, 42, 14, 4, 3\})$	120
84	$\mathcal{O}(0; \{84, 42, 14, 12, 2\})$	120
84	$\mathcal{O}(0; \{84^2, 3^2, 2^2\})$	72
84	$\mathcal{O}(0; \{84^2, 6, 2^3\})$	24
84	$\mathcal{O}(0; \{84^2, 6, 4^2\})$	96
84	$\mathcal{O}(0; \{84^2, 6^2, 3\})$	120
84	$\mathcal{O}(0; \{84^2, 12, 4, 3\})$	288
84	$\mathcal{O}(0; \{84^2, 12^2, 2\})$	288
84	$\mathcal{O}(0; \{84^2, 42, 7, 2\})$	744
85	$\mathcal{O}(0; \{17^2, 5^3\})$	192
87	$\mathcal{O}(0; \{29^3, 3^2\})$	1512
88	$\mathcal{O}(0; \{44^2, 8^2, 2\})$	160
88	$\mathcal{O}(0; \{88^2, 44, 4, 2\})$	1440
90	$\mathcal{O}(0; \{18^2, 5^2, 3\})$	48
90	$\mathcal{O}(0; \{30, 18^2, 5, 2\})$	48

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
90	$\mathcal{O}(0; \{45, 10, 9^2, 2\})$	72
90	$\mathcal{O}(0; \{45, 18, 10, 3^2\})$	96
90	$\mathcal{O}(0; \{45, 18, 10, 6, 2\})$	48
90	$\mathcal{O}(0; \{45, 18, 15, 5, 2\})$	144
90	$\mathcal{O}(0; \{45^2, 10, 5, 2\})$	312
90	$\mathcal{O}(0; \{90, 45, 9, 5, 2\})$	216
96	$\mathcal{O}(0; \{32^2, 4, 3^2\})$	64
96	$\mathcal{O}(0; \{32^2, 12, 3, 2\})$	64
96	$\mathcal{O}(0; \{96^2, 8, 3, 2\})$	128
97	$\mathcal{O}(2; \emptyset)$	88529280
98	$\mathcal{O}(1; \{98^2\})$	403368
98	$\mathcal{O}(0; \{98^2, 2^4\})$	42
99	$\mathcal{O}(0; \{99^4\})$	147420
100	$\mathcal{O}(0; \{50, 25, 4^2, 2\})$	40
100	$\mathcal{O}(0; \{100^2, 25, 2^2\})$	600
100	$\mathcal{O}(0; \{100^2, 50^2\})$	13000
102	$\mathcal{O}(0; \{51^2, 17, 2^2\})$	480
102	$\mathcal{O}(0; \{51^2, 34^2\})$	7712
102	$\mathcal{O}(0; \{102^2, 51, 17\})$	7712
104	$\mathcal{O}(0; \{104^2, 26, 13\})$	6384
105	$\mathcal{O}(0; \{35^2, 21^2\})$	1488
105	$\mathcal{O}(0; \{105, 35, 21, 15\})$	720
105	$\mathcal{O}(0; \{105^2, 15^2\})$	1872
108	$\mathcal{O}(0; \{54^2, 12^2\})$	144
108	$\mathcal{O}(0; \{108^2, 54, 6\})$	648
110	$\mathcal{O}(0; \{55^2, 5, 2^2\})$	120
110	$\mathcal{O}(0; \{55^2, 10^2\})$	520
110	$\mathcal{O}(0; \{110^2, 55, 5\})$	4680
112	$\mathcal{O}(0; \{16^2, 14^2\})$	48
112	$\mathcal{O}(0; \{112, 16, 14, 8\})$	192
112	$\mathcal{O}(0; \{112^2, 4, 2^2\})$	96
112	$\mathcal{O}(0; \{112^2, 8^2\})$	768
116	$\mathcal{O}(0; \{116, 29^2, 4\})$	1512
120	$\mathcal{O}(0; \{15^2, 8^2\})$	32
120	$\mathcal{O}(0; \{24^2, 10, 5\})$	32
120	$\mathcal{O}(0; \{40, 15, 8, 6\})$	32
120	$\mathcal{O}(0; \{40, 24, 15, 4\})$	64
120	$\mathcal{O}(0; \{40^2, 6^2\})$	32
120	$\mathcal{O}(0; \{60, 24, 8, 5\})$	64
120	$\mathcal{O}(0; \{120, 60, 40, 3\})$	192
120	$\mathcal{O}(0; \{120^2, 6, 5\})$	96
120	$\mathcal{O}(0; \{120^2, 30, 3\})$	288
126	$\mathcal{O}(0; \{126^2, 9, 3\})$	216

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Table 8 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
132	$\mathcal{O}(0; \{44, 12, 11, 3\})$	40
132	$\mathcal{O}(0; \{66^2, 4^2\})$	40
132	$\mathcal{O}(0; \{132, 44, 6, 3\})$	40
132	$\mathcal{O}(0; \{132^2, 66, 2\})$	360
136	$\mathcal{O}(0; \{136^2, 17, 2\})$	960
140	$\mathcal{O}(0; \{35, 28, 20, 2\})$	48
140	$\mathcal{O}(0; \{140^2, 10, 2\})$	144
147	$\mathcal{O}(0; \{147^2, 3^2\})$	252
150	$\mathcal{O}(0; \{50^2, 3^2\})$	40
154	$\mathcal{O}(0; \{154, 11, 7, 2\})$	60
168	$\mathcal{O}(0; \{168^2, 3, 2\})$	48
194	$\mathcal{O}(1; \{2^2\})$	37632
196	$\mathcal{O}(0; \{196^2, 2^2\})$	84
197	$\mathcal{O}(0; \{197^3\})$	38220
198	$\mathcal{O}(0; \{99^2, 2^2\})$	60
198	$\mathcal{O}(0; \{198^2, 99\})$	1620
200	$\mathcal{O}(0; \{200^2, 50\})$	1200
203	$\mathcal{O}(0; \{203^2, 29\})$	4536
210	$\mathcal{O}(0; \{210^2, 15\})$	144
224	$\mathcal{O}(0; \{224^2, 8\})$	384
232	$\mathcal{O}(0; \{232, 29, 8\})$	112
245	$\mathcal{O}(0; \{245^2, 5\})$	504
294	$\mathcal{O}(0; \{294^2, 3\})$	84
392	$\mathcal{O}(0; \{392^2, 2\})$	168
394	$\mathcal{O}(0; \{394, 197, 2\})$	196

Table 9: 99-admissible orbifolds.

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
1	$\mathcal{O}(99; \emptyset)$	1
2	$\mathcal{O}(50; \emptyset)$	1267650600228229401496703205375
2	$\mathcal{O}(49; \{2^4\})$	316912650057057350374175801344
2	$\mathcal{O}(48; \{2^8\})$	79228162514264337593543950336
2	$\mathcal{O}(47; \{2^{12}\})$	19807040628566084398385987584
2	$\mathcal{O}(46; \{2^{16}\})$	4951760157141521099596496896
2	$\mathcal{O}(45; \{2^{20}\})$	1237940039285380274899124224
2	$\mathcal{O}(44; \{2^{24}\})$	309485009821345068724781056
2	$\mathcal{O}(43; \{2^{28}\})$	77371252455336267181195264
2	$\mathcal{O}(42; \{2^{32}\})$	19342813113834066795298816
2	$\mathcal{O}(41; \{2^{36}\})$	4835703278458516698824704

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
2	$\mathcal{O}(40; \{2^{40}\})$	1208925819614629174706176
2	$\mathcal{O}(39; \{2^{44}\})$	302231454903657293676544
2	$\mathcal{O}(38; \{2^{48}\})$	75557863725914323419136
2	$\mathcal{O}(37; \{2^{52}\})$	18889465931478580854784
2	$\mathcal{O}(36; \{2^{56}\})$	4722366482869645213696
2	$\mathcal{O}(35; \{2^{60}\})$	1180591620717411303424
2	$\mathcal{O}(34; \{2^{64}\})$	295147905179352825856
2	$\mathcal{O}(33; \{2^{68}\})$	73786976294838206464
2	$\mathcal{O}(32; \{2^{72}\})$	18446744073709551616
2	$\mathcal{O}(31; \{2^{76}\})$	4611686018427387904
2	$\mathcal{O}(30; \{2^{80}\})$	1152921504606846976
2	$\mathcal{O}(29; \{2^{84}\})$	288230376151711744
2	$\mathcal{O}(28; \{2^{88}\})$	72057594037927936
2	$\mathcal{O}(27; \{2^{92}\})$	18014398509481984
2	$\mathcal{O}(26; \{2^{96}\})$	4503599627370496
2	$\mathcal{O}(25; \{2^{100}\})$	1125899906842624
2	$\mathcal{O}(24; \{2^{104}\})$	281474976710656
2	$\mathcal{O}(23; \{2^{108}\})$	70368744177664
2	$\mathcal{O}(22; \{2^{112}\})$	17592186044416
2	$\mathcal{O}(21; \{2^{116}\})$	4398046511104
2	$\mathcal{O}(20; \{2^{120}\})$	1099511627776
2	$\mathcal{O}(19; \{2^{124}\})$	274877906944
2	$\mathcal{O}(18; \{2^{128}\})$	68719476736
2	$\mathcal{O}(17; \{2^{132}\})$	17179869184
2	$\mathcal{O}(16; \{2^{136}\})$	4294967296
2	$\mathcal{O}(15; \{2^{140}\})$	1073741824
2	$\mathcal{O}(14; \{2^{144}\})$	268435456
2	$\mathcal{O}(13; \{2^{148}\})$	67108864
2	$\mathcal{O}(12; \{2^{152}\})$	16777216
2	$\mathcal{O}(11; \{2^{156}\})$	4194304
2	$\mathcal{O}(10; \{2^{160}\})$	1048576
2	$\mathcal{O}(9; \{2^{164}\})$	262144
2	$\mathcal{O}(8; \{2^{168}\})$	65536
2	$\mathcal{O}(7; \{2^{172}\})$	16384
2	$\mathcal{O}(6; \{2^{176}\})$	4096
2	$\mathcal{O}(5; \{2^{180}\})$	1024
2	$\mathcal{O}(4; \{2^{184}\})$	256
2	$\mathcal{O}(3; \{2^{188}\})$	64
2	$\mathcal{O}(2; \{2^{192}\})$	16
2	$\mathcal{O}(1; \{2^{196}\})$	4
2	$\mathcal{O}(0; \{2^{200}\})$	1
3	$\mathcal{O}(33; \{3^2\})$	61806308765265224723841283607058
3	$\mathcal{O}(32; \{3^5\})$	34336838202925124846578490892810

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
3	$\mathcal{O}(31; \{3^8\})$	32810756505017341520063891297574
3	$\mathcal{O}(30; \{3^{11}\})$	28910769943697450796748803443082
3	$\mathcal{O}(29; \{3^{14}\})$	25726722944358989288341799349318
3	$\mathcal{O}(28; \{3^{17}\})$	22865058086965381870858318352490
3	$\mathcal{O}(27; \{3^{20}\})$	20324844975724579903343314209894
3	$\mathcal{O}(26; \{3^{23}\})$	18066490100819402331820930148682
3	$\mathcal{O}(25; \{3^{26}\})$	16059106619227394890511914975878
3	$\mathcal{O}(24; \{3^{29}\})$	142747609607145811441442198576170
3	$\mathcal{O}(23; \{3^{32}\})$	12688676462701701110308071976614
3	$\mathcal{O}(22; \{3^{35}\})$	11278823516492886684949952137482
3	$\mathcal{O}(21; \{3^{38}\})$	10025620904205746543633476055238
3	$\mathcal{O}(20; \{3^{41}\})$	8911663025887717601586526031850
3	$\mathcal{O}(19; \{3^{44}\})$	7921478245241631867271838869734
3	$\mathcal{O}(18; \{3^{47}\})$	7041313995769438869763185889482
3	$\mathcal{O}(17; \{3^{50}\})$	6258945774017379058435252123398
3	$\mathcal{O}(16; \{3^{53}\})$	5563507354682103600487979887530
3	$\mathcal{O}(15; \{3^{56}\})$	4945339870828537769113885801254
3	$\mathcal{O}(14; \{3^{59}\})$	4395857662958700101951588204682
3	$\mathcal{O}(13; \{3^{62}\})$	3907429033741066772541495596358
3	$\mathcal{O}(12; \{3^{65}\})$	3473270252214281573897863311210
3	$\mathcal{O}(11; \{3^{68}\})$	3087351335301583621430831523174
3	$\mathcal{O}(10; \{3^{71}\})$	2744312298045852107917596203082
3	$\mathcal{O}(9; \{3^{74}\})$	2439388709374090762595743370118
3	$\mathcal{O}(8; \{3^{77}\})$	2168345519443636233418180270890
3	$\mathcal{O}(7; \{3^{80}\})$	1927418239505454429705077827494
3	$\mathcal{O}(6; \{3^{83}\})$	1713260657338181715293399324682
3	$\mathcal{O}(5; \{3^{86}\})$	1522898362078383746927466420678
3	$\mathcal{O}(4; \{3^{89}\})$	1353687432958563330602192334570
3	$\mathcal{O}(3; \{3^{92}\})$	1203277718185389627201948746214
3	$\mathcal{O}(2; \{3^{95}\})$	1069580193942568557512843329482
3	$\mathcal{O}(1; \{3^{98}\})$	950737950171172051122527404038
3	$\mathcal{O}(0; \{3^{101}\})$	845100400152152934331135470250
4	$\mathcal{O}(25; \{2^2\})$	1267650600228228275596796362752
4	$\mathcal{O}(24; \{2^6\})$	79228162514264056118567239680
4	$\mathcal{O}(24; \{4^2, 2^3\})$	158456325028528675187087900672
4	$\mathcal{O}(24; \{4^4\})$	633825300114114700748351602688
4	$\mathcal{O}(23; \{2^{10}\})$	4951760157141450730852319232
4	$\mathcal{O}(23; \{4^2, 2^7\})$	9903520314283042199192993792
4	$\mathcal{O}(23; \{4^4, 2^4\})$	39614081257132168796771975168
4	$\mathcal{O}(23; \{4^6, 2\})$	158456325028528675187087900672
4	$\mathcal{O}(22; \{2^{14}\})$	309485009821327476538736640
4	$\mathcal{O}(22; \{4^2, 2^{11}\})$	618970019642690137449562112
4	$\mathcal{O}(22; \{4^4, 2^8\})$	2475880078570760549798248448

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(22; \{4^6, 2^5\})$	9903520314283042199192993792
4	$\mathcal{O}(22; \{4^8, 2^2\})$	39614081257132168796771975168
4	$\mathcal{O}(21; \{2^{18}\})$	19342813113829668748787712
4	$\mathcal{O}(21; \{4^2, 2^{15}\})$	38685626227668133590597632
4	$\mathcal{O}(21; \{4^4, 2^{12}\})$	154742504910672534362390528
4	$\mathcal{O}(21; \{4^6, 2^9\})$	618970019642690137449562112
4	$\mathcal{O}(21; \{4^8, 2^6\})$	2475880078570760549798248448
4	$\mathcal{O}(21; \{4^{10}, 2^3\})$	9903520314283042199192993792
4	$\mathcal{O}(21; \{4^{12}\})$	39614081257132168796771975168
4	$\mathcal{O}(20; \{2^{22}\})$	1208925819613529663078400
4	$\mathcal{O}(20; \{4^2, 2^{19}\})$	2417851639229258349412352
4	$\mathcal{O}(20; \{4^4, 2^{16}\})$	9671406556917033397649408
4	$\mathcal{O}(20; \{4^6, 2^{13}\})$	38685626227668133590597632
4	$\mathcal{O}(20; \{4^8, 2^{10}\})$	154742504910672534362390528
4	$\mathcal{O}(20; \{4^{10}, 2^7\})$	618970019642690137449562112
4	$\mathcal{O}(20; \{4^{12}, 2^4\})$	2475880078570760549798248448
4	$\mathcal{O}(20; \{4^{14}, 2\})$	9903520314283042199192993792
4	$\mathcal{O}(19; \{2^{26}\})$	75557863725639445512192
4	$\mathcal{O}(19; \{4^2, 2^{23}\})$	151115727451828646838272
4	$\mathcal{O}(19; \{4^4, 2^{20}\})$	604462909807314587353088
4	$\mathcal{O}(19; \{4^6, 2^{17}\})$	2417851639229258349412352
4	$\mathcal{O}(19; \{4^8, 2^{14}\})$	9671406556917033397649408
4	$\mathcal{O}(19; \{4^{10}, 2^{11}\})$	38685626227668133590597632
4	$\mathcal{O}(19; \{4^{12}, 2^8\})$	154742504910672534362390528
4	$\mathcal{O}(19; \{4^{14}, 2^5\})$	618970019642690137449562112
4	$\mathcal{O}(19; \{4^{16}, 2^2\})$	2475880078570760549798248448
4	$\mathcal{O}(18; \{2^{30}\})$	4722366482800925736960
4	$\mathcal{O}(18; \{4^2, 2^{27}\})$	9444732965739290427392
4	$\mathcal{O}(18; \{4^4, 2^{24}\})$	37778931862957161709568
4	$\mathcal{O}(18; \{4^6, 2^{21}\})$	151115727451828646838272
4	$\mathcal{O}(18; \{4^8, 2^{18}\})$	604462909807314587353088
4	$\mathcal{O}(18; \{4^{10}, 2^{15}\})$	2417851639229258349412352
4	$\mathcal{O}(18; \{4^{12}, 2^{12}\})$	9671406556917033397649408
4	$\mathcal{O}(18; \{4^{14}, 2^9\})$	38685626227668133590597632
4	$\mathcal{O}(18; \{4^{16}, 2^6\})$	154742504910672534362390528
4	$\mathcal{O}(18; \{4^{18}, 2^3\})$	618970019642690137449562112
4	$\mathcal{O}(18; \{4^{20}\})$	2475880078570760549798248448
4	$\mathcal{O}(17; \{2^{34}\})$	295147905162172956672
4	$\mathcal{O}(17; \{4^2, 2^{31}\})$	590295810358705651712
4	$\mathcal{O}(17; \{4^4, 2^{28}\})$	2361183241434822606848
4	$\mathcal{O}(17; \{4^6, 2^{25}\})$	9444732965739290427392
4	$\mathcal{O}(17; \{4^8, 2^{22}\})$	37778931862957161709568
4	$\mathcal{O}(17; \{4^{10}, 2^{19}\})$	151115727451828646838272

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(17; \{4^{12}, 2^{16}\})$	604462909807314587353088
4	$\mathcal{O}(17; \{4^{14}, 2^{13}\})$	2417851639229258349412352
4	$\mathcal{O}(17; \{4^{16}, 2^{10}\})$	9671406556917033397649408
4	$\mathcal{O}(17; \{4^{18}, 2^7\})$	38685626227668133590597632
4	$\mathcal{O}(17; \{4^{20}, 2^4\})$	154742504910672534362390528
4	$\mathcal{O}(17; \{4^{22}, 2\})$	618970019642690137449562112
4	$\mathcal{O}(16; \{2^{38}\})$	18446744069414584320
4	$\mathcal{O}(16; \{4^2, 2^{35}\})$	36893488147419103232
4	$\mathcal{O}(16; \{4^4, 2^{32}\})$	147573952589676412928
4	$\mathcal{O}(16; \{4^6, 2^{29}\})$	590295810358705651712
4	$\mathcal{O}(16; \{4^8, 2^{26}\})$	2361183241434822606848
4	$\mathcal{O}(16; \{4^{10}, 2^{23}\})$	9444732965739290427392
4	$\mathcal{O}(16; \{4^{12}, 2^{20}\})$	37778931862957161709568
4	$\mathcal{O}(16; \{4^{14}, 2^{17}\})$	151115727451828646838272
4	$\mathcal{O}(16; \{4^{16}, 2^{14}\})$	604462909807314587353088
4	$\mathcal{O}(16; \{4^{18}, 2^{11}\})$	2417851639229258349412352
4	$\mathcal{O}(16; \{4^{20}, 2^8\})$	9671406556917033397649408
4	$\mathcal{O}(16; \{4^{22}, 2^5\})$	38685626227668133590597632
4	$\mathcal{O}(16; \{4^{24}, 2^2\})$	154742504910672534362390528
4	$\mathcal{O}(15; \{2^{42}\})$	1152921503533105152
4	$\mathcal{O}(15; \{4^2, 2^{39}\})$	2305843009213693952
4	$\mathcal{O}(15; \{4^4, 2^{36}\})$	9223372036854775808
4	$\mathcal{O}(15; \{4^6, 2^{33}\})$	36893488147419103232
4	$\mathcal{O}(15; \{4^8, 2^{30}\})$	147573952589676412928
4	$\mathcal{O}(15; \{4^{10}, 2^{27}\})$	590295810358705651712
4	$\mathcal{O}(15; \{4^{12}, 2^{24}\})$	2361183241434822606848
4	$\mathcal{O}(15; \{4^{14}, 2^{21}\})$	9444732965739290427392
4	$\mathcal{O}(15; \{4^{16}, 2^{18}\})$	37778931862957161709568
4	$\mathcal{O}(15; \{4^{18}, 2^{15}\})$	151115727451828646838272
4	$\mathcal{O}(15; \{4^{20}, 2^{12}\})$	604462909807314587353088
4	$\mathcal{O}(15; \{4^{22}, 2^9\})$	2417851639229258349412352
4	$\mathcal{O}(15; \{4^{24}, 2^6\})$	9671406556917033397649408
4	$\mathcal{O}(15; \{4^{26}, 2^3\})$	38685626227668133590597632
4	$\mathcal{O}(15; \{4^{28}\})$	154742504910672534362390528
4	$\mathcal{O}(14; \{2^{46}\})$	72057593769492480
4	$\mathcal{O}(14; \{4^2, 2^{43}\})$	144115188075855872
4	$\mathcal{O}(14; \{4^4, 2^{40}\})$	576460752303423488
4	$\mathcal{O}(14; \{4^6, 2^{37}\})$	2305843009213693952
4	$\mathcal{O}(14; \{4^8, 2^{34}\})$	9223372036854775808
4	$\mathcal{O}(14; \{4^{10}, 2^{31}\})$	36893488147419103232
4	$\mathcal{O}(14; \{4^{12}, 2^{28}\})$	147573952589676412928
4	$\mathcal{O}(14; \{4^{14}, 2^{25}\})$	590295810358705651712
4	$\mathcal{O}(14; \{4^{16}, 2^{22}\})$	2361183241434822606848

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(14; \{4^{18}, 2^{19}\})$	9444732965739290427392
4	$\mathcal{O}(14; \{4^{20}, 2^{16}\})$	37778931862957161709568
4	$\mathcal{O}(14; \{4^{22}, 2^{13}\})$	151115727451828646838272
4	$\mathcal{O}(14; \{4^{24}, 2^{10}\})$	604462909807314587353088
4	$\mathcal{O}(14; \{4^{26}, 2^7\})$	2417851639229258349412352
4	$\mathcal{O}(14; \{4^{28}, 2^4\})$	9671406556917033397649408
4	$\mathcal{O}(14; \{4^{30}, 2\})$	38685626227668133590597632
4	$\mathcal{O}(13; \{2^{50}\})$	4503599560261632
4	$\mathcal{O}(13; \{4^2, 2^{47}\})$	9007199254740992
4	$\mathcal{O}(13; \{4^4, 2^{44}\})$	36028797018963968
4	$\mathcal{O}(13; \{4^6, 2^{41}\})$	144115188075855872
4	$\mathcal{O}(13; \{4^8, 2^{38}\})$	576460752303423488
4	$\mathcal{O}(13; \{4^{10}, 2^{35}\})$	2305843009213693952
4	$\mathcal{O}(13; \{4^{12}, 2^{32}\})$	9223372036854775808
4	$\mathcal{O}(13; \{4^{14}, 2^{29}\})$	36893488147419103232
4	$\mathcal{O}(13; \{4^{16}, 2^{26}\})$	147573952589676412928
4	$\mathcal{O}(13; \{4^{18}, 2^{23}\})$	590295810358705651712
4	$\mathcal{O}(13; \{4^{20}, 2^{20}\})$	2361183241434822606848
4	$\mathcal{O}(13; \{4^{22}, 2^{17}\})$	9444732965739290427392
4	$\mathcal{O}(13; \{4^{24}, 2^{14}\})$	37778931862957161709568
4	$\mathcal{O}(13; \{4^{26}, 2^{11}\})$	151115727451828646838272
4	$\mathcal{O}(13; \{4^{28}, 2^8\})$	604462909807314587353088
4	$\mathcal{O}(13; \{4^{30}, 2^5\})$	2417851639229258349412352
4	$\mathcal{O}(13; \{4^{32}, 2^2\})$	9671406556917033397649408
4	$\mathcal{O}(12; \{2^{54}\})$	281474959933440
4	$\mathcal{O}(12; \{4^2, 2^{51}\})$	562949953421312
4	$\mathcal{O}(12; \{4^4, 2^{48}\})$	2251799813685248
4	$\mathcal{O}(12; \{4^6, 2^{45}\})$	9007199254740992
4	$\mathcal{O}(12; \{4^8, 2^{42}\})$	36028797018963968
4	$\mathcal{O}(12; \{4^{10}, 2^{39}\})$	144115188075855872
4	$\mathcal{O}(12; \{4^{12}, 2^{36}\})$	576460752303423488
4	$\mathcal{O}(12; \{4^{14}, 2^{33}\})$	2305843009213693952
4	$\mathcal{O}(12; \{4^{16}, 2^{30}\})$	9223372036854775808
4	$\mathcal{O}(12; \{4^{18}, 2^{27}\})$	36893488147419103232
4	$\mathcal{O}(12; \{4^{20}, 2^{24}\})$	147573952589676412928
4	$\mathcal{O}(12; \{4^{22}, 2^{21}\})$	590295810358705651712
4	$\mathcal{O}(12; \{4^{24}, 2^{18}\})$	2361183241434822606848
4	$\mathcal{O}(12; \{4^{26}, 2^{15}\})$	9444732965739290427392
4	$\mathcal{O}(12; \{4^{28}, 2^{12}\})$	37778931862957161709568
4	$\mathcal{O}(12; \{4^{30}, 2^9\})$	151115727451828646838272
4	$\mathcal{O}(12; \{4^{32}, 2^6\})$	604462909807314587353088
4	$\mathcal{O}(12; \{4^{34}, 2^3\})$	2417851639229258349412352
4	$\mathcal{O}(12; \{4^{36}\})$	9671406556917033397649408

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(11; \{2^{58}\})$	17592181850112
4	$\mathcal{O}(11; \{4^2, 2^{55}\})$	35184372088832
4	$\mathcal{O}(11; \{4^4, 2^{52}\})$	140737488355328
4	$\mathcal{O}(11; \{4^6, 2^{49}\})$	562949953421312
4	$\mathcal{O}(11; \{4^8, 2^{46}\})$	2251799813685248
4	$\mathcal{O}(11; \{4^{10}, 2^{43}\})$	9007199254740992
4	$\mathcal{O}(11; \{4^{12}, 2^{40}\})$	36028797018963968
4	$\mathcal{O}(11; \{4^{14}, 2^{37}\})$	144115188075855872
4	$\mathcal{O}(11; \{4^{16}, 2^{34}\})$	576460752303423488
4	$\mathcal{O}(11; \{4^{18}, 2^{31}\})$	2305843009213693952
4	$\mathcal{O}(11; \{4^{20}, 2^{28}\})$	9223372036854775808
4	$\mathcal{O}(11; \{4^{22}, 2^{25}\})$	36893488147419103232
4	$\mathcal{O}(11; \{4^{24}, 2^{22}\})$	147573952589676412928
4	$\mathcal{O}(11; \{4^{26}, 2^{19}\})$	590295810358705651712
4	$\mathcal{O}(11; \{4^{28}, 2^{16}\})$	2361183241434822606848
4	$\mathcal{O}(11; \{4^{30}, 2^{13}\})$	9444732965739290427392
4	$\mathcal{O}(11; \{4^{32}, 2^{10}\})$	37778931862957161709568
4	$\mathcal{O}(11; \{4^{34}, 2^7\})$	151115727451828646838272
4	$\mathcal{O}(11; \{4^{36}, 2^4\})$	604462909807314587353088
4	$\mathcal{O}(11; \{4^{38}, 2\})$	2417851639229258349412352
4	$\mathcal{O}(10; \{2^{62}\})$	1099510579200
4	$\mathcal{O}(10; \{4^2, 2^{59}\})$	2199023255552
4	$\mathcal{O}(10; \{4^4, 2^{56}\})$	8796093022208
4	$\mathcal{O}(10; \{4^6, 2^{53}\})$	35184372088832
4	$\mathcal{O}(10; \{4^8, 2^{50}\})$	140737488355328
4	$\mathcal{O}(10; \{4^{10}, 2^{47}\})$	562949953421312
4	$\mathcal{O}(10; \{4^{12}, 2^{44}\})$	2251799813685248
4	$\mathcal{O}(10; \{4^{14}, 2^{41}\})$	9007199254740992
4	$\mathcal{O}(10; \{4^{16}, 2^{38}\})$	36028797018963968
4	$\mathcal{O}(10; \{4^{18}, 2^{35}\})$	144115188075855872
4	$\mathcal{O}(10; \{4^{20}, 2^{32}\})$	576460752303423488
4	$\mathcal{O}(10; \{4^{22}, 2^{29}\})$	2305843009213693952
4	$\mathcal{O}(10; \{4^{24}, 2^{26}\})$	9223372036854775808
4	$\mathcal{O}(10; \{4^{26}, 2^{23}\})$	36893488147419103232
4	$\mathcal{O}(10; \{4^{28}, 2^{20}\})$	147573952589676412928
4	$\mathcal{O}(10; \{4^{30}, 2^{17}\})$	590295810358705651712
4	$\mathcal{O}(10; \{4^{32}, 2^{14}\})$	2361183241434822606848
4	$\mathcal{O}(10; \{4^{34}, 2^{11}\})$	9444732965739290427392
4	$\mathcal{O}(10; \{4^{36}, 2^8\})$	37778931862957161709568
4	$\mathcal{O}(10; \{4^{38}, 2^5\})$	151115727451828646838272
4	$\mathcal{O}(10; \{4^{40}, 2^2\})$	604462909807314587353088
4	$\mathcal{O}(9; \{2^{66}\})$	68719214592
4	$\mathcal{O}(9; \{4^2, 2^{63}\})$	137438953472

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(9; \{4^4, 2^{60}\})$	549755813888
4	$\mathcal{O}(9; \{4^6, 2^{57}\})$	2199023255552
4	$\mathcal{O}(9; \{4^8, 2^{54}\})$	8796093022208
4	$\mathcal{O}(9; \{4^{10}, 2^{51}\})$	35184372088832
4	$\mathcal{O}(9; \{4^{12}, 2^{48}\})$	140737488355328
4	$\mathcal{O}(9; \{4^{14}, 2^{45}\})$	562949953421312
4	$\mathcal{O}(9; \{4^{16}, 2^{42}\})$	2251799813685248
4	$\mathcal{O}(9; \{4^{18}, 2^{39}\})$	9007199254740992
4	$\mathcal{O}(9; \{4^{20}, 2^{36}\})$	36028797018963968
4	$\mathcal{O}(9; \{4^{22}, 2^{33}\})$	144115188075855872
4	$\mathcal{O}(9; \{4^{24}, 2^{30}\})$	576460752303423488
4	$\mathcal{O}(9; \{4^{26}, 2^{27}\})$	2305843009213693952
4	$\mathcal{O}(9; \{4^{28}, 2^{24}\})$	9223372036854775808
4	$\mathcal{O}(9; \{4^{30}, 2^{21}\})$	36893488147419103232
4	$\mathcal{O}(9; \{4^{32}, 2^{18}\})$	147573952589676412928
4	$\mathcal{O}(9; \{4^{34}, 2^{15}\})$	590295810358705651712
4	$\mathcal{O}(9; \{4^{36}, 2^{12}\})$	2361183241434822606848
4	$\mathcal{O}(9; \{4^{38}, 2^9\})$	9444732965739290427392
4	$\mathcal{O}(9; \{4^{40}, 2^6\})$	37778931862957161709568
4	$\mathcal{O}(9; \{4^{42}, 2^3\})$	151115727451828646838272
4	$\mathcal{O}(9; \{4^{44}\})$	604462909807314587353088
4	$\mathcal{O}(8; \{2^{70}\})$	4294901760
4	$\mathcal{O}(8; \{4^2, 2^{67}\})$	8589934592
4	$\mathcal{O}(8; \{4^4, 2^{64}\})$	34359738368
4	$\mathcal{O}(8; \{4^6, 2^{61}\})$	137438953472
4	$\mathcal{O}(8; \{4^8, 2^{58}\})$	549755813888
4	$\mathcal{O}(8; \{4^{10}, 2^{55}\})$	2199023255552
4	$\mathcal{O}(8; \{4^{12}, 2^{52}\})$	8796093022208
4	$\mathcal{O}(8; \{4^{14}, 2^{49}\})$	35184372088832
4	$\mathcal{O}(8; \{4^{16}, 2^{46}\})$	140737488355328
4	$\mathcal{O}(8; \{4^{18}, 2^{43}\})$	562949953421312
4	$\mathcal{O}(8; \{4^{20}, 2^{40}\})$	2251799813685248
4	$\mathcal{O}(8; \{4^{22}, 2^{37}\})$	9007199254740992
4	$\mathcal{O}(8; \{4^{24}, 2^{34}\})$	36028797018963968
4	$\mathcal{O}(8; \{4^{26}, 2^{31}\})$	144115188075855872
4	$\mathcal{O}(8; \{4^{28}, 2^{28}\})$	576460752303423488
4	$\mathcal{O}(8; \{4^{30}, 2^{25}\})$	2305843009213693952
4	$\mathcal{O}(8; \{4^{32}, 2^{22}\})$	9223372036854775808
4	$\mathcal{O}(8; \{4^{34}, 2^{19}\})$	36893488147419103232
4	$\mathcal{O}(8; \{4^{36}, 2^{16}\})$	147573952589676412928
4	$\mathcal{O}(8; \{4^{38}, 2^{13}\})$	590295810358705651712
4	$\mathcal{O}(8; \{4^{40}, 2^{10}\})$	2361183241434822606848
4	$\mathcal{O}(8; \{4^{42}, 2^7\})$	9444732965739290427392

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(8; \{4^{44}, 2^4\})$	37778931862957161709568
4	$\mathcal{O}(8; \{4^{46}, 2\})$	151115727451828646838272
4	$\mathcal{O}(7; \{2^{74}\})$	268419072
4	$\mathcal{O}(7; \{4^2, 2^{71}\})$	536870912
4	$\mathcal{O}(7; \{4^4, 2^{68}\})$	2147483648
4	$\mathcal{O}(7; \{4^6, 2^{65}\})$	8589934592
4	$\mathcal{O}(7; \{4^8, 2^{62}\})$	34359738368
4	$\mathcal{O}(7; \{4^{10}, 2^{59}\})$	137438953472
4	$\mathcal{O}(7; \{4^{12}, 2^{56}\})$	549755813888
4	$\mathcal{O}(7; \{4^{14}, 2^{53}\})$	2199023255552
4	$\mathcal{O}(7; \{4^{16}, 2^{50}\})$	8796093022208
4	$\mathcal{O}(7; \{4^{18}, 2^{47}\})$	35184372088832
4	$\mathcal{O}(7; \{4^{20}, 2^{44}\})$	140737488355328
4	$\mathcal{O}(7; \{4^{22}, 2^{41}\})$	562949953421312
4	$\mathcal{O}(7; \{4^{24}, 2^{38}\})$	2251799813685248
4	$\mathcal{O}(7; \{4^{26}, 2^{35}\})$	9007199254740992
4	$\mathcal{O}(7; \{4^{28}, 2^{32}\})$	36028797018963968
4	$\mathcal{O}(7; \{4^{30}, 2^{29}\})$	144115188075855872
4	$\mathcal{O}(7; \{4^{32}, 2^{26}\})$	576460752303423488
4	$\mathcal{O}(7; \{4^{34}, 2^{23}\})$	2305843009213693952
4	$\mathcal{O}(7; \{4^{36}, 2^{20}\})$	9223372036854775808
4	$\mathcal{O}(7; \{4^{38}, 2^{17}\})$	36893488147419103232
4	$\mathcal{O}(7; \{4^{40}, 2^{14}\})$	147573952589676412928
4	$\mathcal{O}(7; \{4^{42}, 2^{11}\})$	590295810358705651712
4	$\mathcal{O}(7; \{4^{44}, 2^8\})$	2361183241434822606848
4	$\mathcal{O}(7; \{4^{46}, 2^5\})$	9444732965739290427392
4	$\mathcal{O}(7; \{4^{48}, 2^2\})$	37778931862957161709568
4	$\mathcal{O}(6; \{2^{78}\})$	16773120
4	$\mathcal{O}(6; \{4^2, 2^{75}\})$	33554432
4	$\mathcal{O}(6; \{4^4, 2^{72}\})$	134217728
4	$\mathcal{O}(6; \{4^6, 2^{69}\})$	536870912
4	$\mathcal{O}(6; \{4^8, 2^{66}\})$	2147483648
4	$\mathcal{O}(6; \{4^{10}, 2^{63}\})$	8589934592
4	$\mathcal{O}(6; \{4^{12}, 2^{60}\})$	34359738368
4	$\mathcal{O}(6; \{4^{14}, 2^{57}\})$	137438953472
4	$\mathcal{O}(6; \{4^{16}, 2^{54}\})$	549755813888
4	$\mathcal{O}(6; \{4^{18}, 2^{51}\})$	2199023255552
4	$\mathcal{O}(6; \{4^{20}, 2^{48}\})$	8796093022208
4	$\mathcal{O}(6; \{4^{22}, 2^{45}\})$	35184372088832
4	$\mathcal{O}(6; \{4^{24}, 2^{42}\})$	140737488355328
4	$\mathcal{O}(6; \{4^{26}, 2^{39}\})$	562949953421312
4	$\mathcal{O}(6; \{4^{28}, 2^{36}\})$	2251799813685248
4	$\mathcal{O}(6; \{4^{30}, 2^{33}\})$	9007199254740992

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(6; \{4^{32}, 2^{30}\})$	36028797018963968
4	$\mathcal{O}(6; \{4^{34}, 2^{27}\})$	144115188075855872
4	$\mathcal{O}(6; \{4^{36}, 2^{24}\})$	576460752303423488
4	$\mathcal{O}(6; \{4^{38}, 2^{21}\})$	2305843009213693952
4	$\mathcal{O}(6; \{4^{40}, 2^{18}\})$	9223372036854775808
4	$\mathcal{O}(6; \{4^{42}, 2^{15}\})$	36893488147419103232
4	$\mathcal{O}(6; \{4^{44}, 2^{12}\})$	147573952589676412928
4	$\mathcal{O}(6; \{4^{46}, 2^9\})$	590295810358705651712
4	$\mathcal{O}(6; \{4^{48}, 2^6\})$	2361183241434822606848
4	$\mathcal{O}(6; \{4^{50}, 2^3\})$	9444732965739290427392
4	$\mathcal{O}(6; \{4^{52}\})$	37778931862957161709568
4	$\mathcal{O}(5; \{2^{82}\})$	1047552
4	$\mathcal{O}(5; \{4^2, 2^{79}\})$	2097152
4	$\mathcal{O}(5; \{4^4, 2^{76}\})$	8388608
4	$\mathcal{O}(5; \{4^6, 2^{73}\})$	33554432
4	$\mathcal{O}(5; \{4^8, 2^{70}\})$	134217728
4	$\mathcal{O}(5; \{4^{10}, 2^{67}\})$	536870912
4	$\mathcal{O}(5; \{4^{12}, 2^{64}\})$	2147483648
4	$\mathcal{O}(5; \{4^{14}, 2^{61}\})$	8589934592
4	$\mathcal{O}(5; \{4^{16}, 2^{58}\})$	34359738368
4	$\mathcal{O}(5; \{4^{18}, 2^{55}\})$	137438953472
4	$\mathcal{O}(5; \{4^{20}, 2^{52}\})$	549755813888
4	$\mathcal{O}(5; \{4^{22}, 2^{49}\})$	2199023255552
4	$\mathcal{O}(5; \{4^{24}, 2^{46}\})$	8796093022208
4	$\mathcal{O}(5; \{4^{26}, 2^{43}\})$	35184372088832
4	$\mathcal{O}(5; \{4^{28}, 2^{40}\})$	140737488355328
4	$\mathcal{O}(5; \{4^{30}, 2^{37}\})$	562949953421312
4	$\mathcal{O}(5; \{4^{32}, 2^{34}\})$	2251799813685248
4	$\mathcal{O}(5; \{4^{34}, 2^{31}\})$	9007199254740992
4	$\mathcal{O}(5; \{4^{36}, 2^{28}\})$	36028797018963968
4	$\mathcal{O}(5; \{4^{38}, 2^{25}\})$	144115188075855872
4	$\mathcal{O}(5; \{4^{40}, 2^{22}\})$	576460752303423488
4	$\mathcal{O}(5; \{4^{42}, 2^{19}\})$	2305843009213693952
4	$\mathcal{O}(5; \{4^{44}, 2^{16}\})$	9223372036854775808
4	$\mathcal{O}(5; \{4^{46}, 2^{13}\})$	36893488147419103232
4	$\mathcal{O}(5; \{4^{48}, 2^{10}\})$	147573952589676412928
4	$\mathcal{O}(5; \{4^{50}, 2^7\})$	590295810358705651712
4	$\mathcal{O}(5; \{4^{52}, 2^4\})$	2361183241434822606848
4	$\mathcal{O}(5; \{4^{54}, 2\})$	9444732965739290427392
4	$\mathcal{O}(4; \{2^{86}\})$	65280
4	$\mathcal{O}(4; \{4^2, 2^{83}\})$	131072
4	$\mathcal{O}(4; \{4^4, 2^{80}\})$	524288
4	$\mathcal{O}(4; \{4^6, 2^{77}\})$	2097152

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(4; \{4^8, 2^{74}\})$	8388608
4	$\mathcal{O}(4; \{4^{10}, 2^{71}\})$	33554432
4	$\mathcal{O}(4; \{4^{12}, 2^{68}\})$	134217728
4	$\mathcal{O}(4; \{4^{14}, 2^{65}\})$	536870912
4	$\mathcal{O}(4; \{4^{16}, 2^{62}\})$	2147483648
4	$\mathcal{O}(4; \{4^{18}, 2^{59}\})$	8589934592
4	$\mathcal{O}(4; \{4^{20}, 2^{56}\})$	34359738368
4	$\mathcal{O}(4; \{4^{22}, 2^{53}\})$	137438953472
4	$\mathcal{O}(4; \{4^{24}, 2^{50}\})$	549755813888
4	$\mathcal{O}(4; \{4^{26}, 2^{47}\})$	2199023255552
4	$\mathcal{O}(4; \{4^{28}, 2^{44}\})$	8796093022208
4	$\mathcal{O}(4; \{4^{30}, 2^{41}\})$	35184372088832
4	$\mathcal{O}(4; \{4^{32}, 2^{38}\})$	140737488355328
4	$\mathcal{O}(4; \{4^{34}, 2^{35}\})$	562949953421312
4	$\mathcal{O}(4; \{4^{36}, 2^{32}\})$	2251799813685248
4	$\mathcal{O}(4; \{4^{38}, 2^{29}\})$	9007199254740992
4	$\mathcal{O}(4; \{4^{40}, 2^{26}\})$	36028797018963968
4	$\mathcal{O}(4; \{4^{42}, 2^{23}\})$	144115188075855872
4	$\mathcal{O}(4; \{4^{44}, 2^{20}\})$	576460752303423488
4	$\mathcal{O}(4; \{4^{46}, 2^{17}\})$	2305843009213693952
4	$\mathcal{O}(4; \{4^{48}, 2^{14}\})$	9223372036854775808
4	$\mathcal{O}(4; \{4^{50}, 2^{11}\})$	36893488147419103232
4	$\mathcal{O}(4; \{4^{52}, 2^8\})$	147573952589676412928
4	$\mathcal{O}(4; \{4^{54}, 2^5\})$	590295810358705651712
4	$\mathcal{O}(4; \{4^{56}, 2^2\})$	2361183241434822606848
4	$\mathcal{O}(3; \{2^{90}\})$	4032
4	$\mathcal{O}(3; \{4^2, 2^{87}\})$	8192
4	$\mathcal{O}(3; \{4^4, 2^{84}\})$	32768
4	$\mathcal{O}(3; \{4^6, 2^{81}\})$	131072
4	$\mathcal{O}(3; \{4^8, 2^{78}\})$	524288
4	$\mathcal{O}(3; \{4^{10}, 2^{75}\})$	2097152
4	$\mathcal{O}(3; \{4^{12}, 2^{72}\})$	8388608
4	$\mathcal{O}(3; \{4^{14}, 2^{69}\})$	33554432
4	$\mathcal{O}(3; \{4^{16}, 2^{66}\})$	134217728
4	$\mathcal{O}(3; \{4^{18}, 2^{63}\})$	536870912
4	$\mathcal{O}(3; \{4^{20}, 2^{60}\})$	2147483648
4	$\mathcal{O}(3; \{4^{22}, 2^{57}\})$	8589934592
4	$\mathcal{O}(3; \{4^{24}, 2^{54}\})$	34359738368
4	$\mathcal{O}(3; \{4^{26}, 2^{51}\})$	137438953472
4	$\mathcal{O}(3; \{4^{28}, 2^{48}\})$	549755813888
4	$\mathcal{O}(3; \{4^{30}, 2^{45}\})$	2199023255552
4	$\mathcal{O}(3; \{4^{32}, 2^{42}\})$	8796093022208
4	$\mathcal{O}(3; \{4^{34}, 2^{39}\})$	35184372088832

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(3; \{4^{36}, 2^{36}\})$	140737488355328
4	$\mathcal{O}(3; \{4^{38}, 2^{33}\})$	562949953421312
4	$\mathcal{O}(3; \{4^{40}, 2^{30}\})$	2251799813685248
4	$\mathcal{O}(3; \{4^{42}, 2^{27}\})$	9007199254740992
4	$\mathcal{O}(3; \{4^{44}, 2^{24}\})$	36028797018963968
4	$\mathcal{O}(3; \{4^{46}, 2^{21}\})$	144115188075855872
4	$\mathcal{O}(3; \{4^{48}, 2^{18}\})$	576460752303423488
4	$\mathcal{O}(3; \{4^{50}, 2^{15}\})$	2305843009213693952
4	$\mathcal{O}(3; \{4^{52}, 2^{12}\})$	9223372036854775808
4	$\mathcal{O}(3; \{4^{54}, 2^9\})$	36893488147419103232
4	$\mathcal{O}(3; \{4^{56}, 2^6\})$	147573952589676412928
4	$\mathcal{O}(3; \{4^{58}, 2^3\})$	590295810358705651712
4	$\mathcal{O}(3; \{4^{60}\})$	2361183241434822606848
4	$\mathcal{O}(2; \{2^{94}\})$	240
4	$\mathcal{O}(2; \{4^2, 2^{91}\})$	512
4	$\mathcal{O}(2; \{4^4, 2^{88}\})$	2048
4	$\mathcal{O}(2; \{4^6, 2^{85}\})$	8192
4	$\mathcal{O}(2; \{4^8, 2^{82}\})$	32768
4	$\mathcal{O}(2; \{4^{10}, 2^{79}\})$	131072
4	$\mathcal{O}(2; \{4^{12}, 2^{76}\})$	524288
4	$\mathcal{O}(2; \{4^{14}, 2^{73}\})$	2097152
4	$\mathcal{O}(2; \{4^{16}, 2^{70}\})$	8388608
4	$\mathcal{O}(2; \{4^{18}, 2^{67}\})$	33554432
4	$\mathcal{O}(2; \{4^{20}, 2^{64}\})$	134217728
4	$\mathcal{O}(2; \{4^{22}, 2^{61}\})$	536870912
4	$\mathcal{O}(2; \{4^{24}, 2^{58}\})$	2147483648
4	$\mathcal{O}(2; \{4^{26}, 2^{55}\})$	8589934592
4	$\mathcal{O}(2; \{4^{28}, 2^{52}\})$	34359738368
4	$\mathcal{O}(2; \{4^{30}, 2^{49}\})$	137438953472
4	$\mathcal{O}(2; \{4^{32}, 2^{46}\})$	549755813888
4	$\mathcal{O}(2; \{4^{34}, 2^{43}\})$	2199023255552
4	$\mathcal{O}(2; \{4^{36}, 2^{40}\})$	8796093022208
4	$\mathcal{O}(2; \{4^{38}, 2^{37}\})$	35184372088832
4	$\mathcal{O}(2; \{4^{40}, 2^{34}\})$	140737488355328
4	$\mathcal{O}(2; \{4^{42}, 2^{31}\})$	562949953421312
4	$\mathcal{O}(2; \{4^{44}, 2^{28}\})$	2251799813685248
4	$\mathcal{O}(2; \{4^{46}, 2^{25}\})$	9007199254740992
4	$\mathcal{O}(2; \{4^{48}, 2^{22}\})$	36028797018963968
4	$\mathcal{O}(2; \{4^{50}, 2^{19}\})$	144115188075855872
4	$\mathcal{O}(2; \{4^{52}, 2^{16}\})$	576460752303423488
4	$\mathcal{O}(2; \{4^{54}, 2^{13}\})$	2305843009213693952
4	$\mathcal{O}(2; \{4^{56}, 2^{10}\})$	9223372036854775808
4	$\mathcal{O}(2; \{4^{58}, 2^7\})$	36893488147419103232

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(2; \{4^{60}, 2^4\})$	147573952589676412928
4	$\mathcal{O}(2; \{4^{62}, 2\})$	590295810358705651712
4	$\mathcal{O}(1; \{2^{98}\})$	12
4	$\mathcal{O}(1; \{4^2, 2^{95}\})$	32
4	$\mathcal{O}(1; \{4^4, 2^{92}\})$	128
4	$\mathcal{O}(1; \{4^6, 2^{89}\})$	512
4	$\mathcal{O}(1; \{4^8, 2^{86}\})$	2048
4	$\mathcal{O}(1; \{4^{10}, 2^{83}\})$	8192
4	$\mathcal{O}(1; \{4^{12}, 2^{80}\})$	32768
4	$\mathcal{O}(1; \{4^{14}, 2^{77}\})$	131072
4	$\mathcal{O}(1; \{4^{16}, 2^{74}\})$	524288
4	$\mathcal{O}(1; \{4^{18}, 2^{71}\})$	2097152
4	$\mathcal{O}(1; \{4^{20}, 2^{68}\})$	8388608
4	$\mathcal{O}(1; \{4^{22}, 2^{65}\})$	33554432
4	$\mathcal{O}(1; \{4^{24}, 2^{62}\})$	134217728
4	$\mathcal{O}(1; \{4^{26}, 2^{59}\})$	536870912
4	$\mathcal{O}(1; \{4^{28}, 2^{56}\})$	2147483648
4	$\mathcal{O}(1; \{4^{30}, 2^{53}\})$	8589934592
4	$\mathcal{O}(1; \{4^{32}, 2^{50}\})$	34359738368
4	$\mathcal{O}(1; \{4^{34}, 2^{47}\})$	137438953472
4	$\mathcal{O}(1; \{4^{36}, 2^{44}\})$	549755813888
4	$\mathcal{O}(1; \{4^{38}, 2^{41}\})$	2199023255552
4	$\mathcal{O}(1; \{4^{40}, 2^{38}\})$	8796093022208
4	$\mathcal{O}(1; \{4^{42}, 2^{35}\})$	35184372088832
4	$\mathcal{O}(1; \{4^{44}, 2^{32}\})$	140737488355328
4	$\mathcal{O}(1; \{4^{46}, 2^{29}\})$	562949953421312
4	$\mathcal{O}(1; \{4^{48}, 2^{26}\})$	2251799813685248
4	$\mathcal{O}(1; \{4^{50}, 2^{23}\})$	9007199254740992
4	$\mathcal{O}(1; \{4^{52}, 2^{20}\})$	36028797018963968
4	$\mathcal{O}(1; \{4^{54}, 2^{17}\})$	144115188075855872
4	$\mathcal{O}(1; \{4^{56}, 2^{14}\})$	576460752303423488
4	$\mathcal{O}(1; \{4^{58}, 2^{11}\})$	2305843009213693952
4	$\mathcal{O}(1; \{4^{60}, 2^8\})$	9223372036854775808
4	$\mathcal{O}(1; \{4^{62}, 2^5\})$	36893488147419103232
4	$\mathcal{O}(1; \{4^{64}, 2^2\})$	147573952589676412928
4	$\mathcal{O}(0; \{4^2, 2^{99}\})$	2
4	$\mathcal{O}(0; \{4^4, 2^{96}\})$	8
4	$\mathcal{O}(0; \{4^6, 2^{93}\})$	32
4	$\mathcal{O}(0; \{4^8, 2^{90}\})$	128
4	$\mathcal{O}(0; \{4^{10}, 2^{87}\})$	512
4	$\mathcal{O}(0; \{4^{12}, 2^{84}\})$	2048
4	$\mathcal{O}(0; \{4^{14}, 2^{81}\})$	8192
4	$\mathcal{O}(0; \{4^{16}, 2^{78}\})$	32768

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(0; \{4^{18}, 2^{75}\})$	131072
4	$\mathcal{O}(0; \{4^{20}, 2^{72}\})$	524288
4	$\mathcal{O}(0; \{4^{22}, 2^{69}\})$	2097152
4	$\mathcal{O}(0; \{4^{24}, 2^{66}\})$	8388608
4	$\mathcal{O}(0; \{4^{26}, 2^{63}\})$	33554432
4	$\mathcal{O}(0; \{4^{28}, 2^{60}\})$	134217728
4	$\mathcal{O}(0; \{4^{30}, 2^{57}\})$	536870912
4	$\mathcal{O}(0; \{4^{32}, 2^{54}\})$	2147483648
4	$\mathcal{O}(0; \{4^{34}, 2^{51}\})$	8589934592
4	$\mathcal{O}(0; \{4^{36}, 2^{48}\})$	34359738368
4	$\mathcal{O}(0; \{4^{38}, 2^{45}\})$	137438953472
4	$\mathcal{O}(0; \{4^{40}, 2^{42}\})$	549755813888
4	$\mathcal{O}(0; \{4^{42}, 2^{39}\})$	2199023255552
4	$\mathcal{O}(0; \{4^{44}, 2^{36}\})$	8796093022208
4	$\mathcal{O}(0; \{4^{46}, 2^{33}\})$	35184372088832
4	$\mathcal{O}(0; \{4^{48}, 2^{30}\})$	140737488355328
4	$\mathcal{O}(0; \{4^{50}, 2^{27}\})$	562949953421312
4	$\mathcal{O}(0; \{4^{52}, 2^{24}\})$	2251799813685248
4	$\mathcal{O}(0; \{4^{54}, 2^{21}\})$	9007199254740992
4	$\mathcal{O}(0; \{4^{56}, 2^{18}\})$	36028797018963968
4	$\mathcal{O}(0; \{4^{58}, 2^{15}\})$	144115188075855872
4	$\mathcal{O}(0; \{4^{60}, 2^{12}\})$	576460752303423488
4	$\mathcal{O}(0; \{4^{62}, 2^9\})$	2305843009213693952
4	$\mathcal{O}(0; \{4^{64}, 2^6\})$	9223372036854775808
4	$\mathcal{O}(0; \{4^{66}, 2^3\})$	36893488147419103232
4	$\mathcal{O}(0; \{4^{68}\})$	147573952589676412928
5	$\mathcal{O}(19; \{5^4\})$	18917489796876907348632812500
5	$\mathcal{O}(17; \{5^9\})$	30517112463712692260742187500
5	$\mathcal{O}(15; \{5^{14}\})$	50000000745058059692382812500
5	$\mathcal{O}(13; \{5^{19}\})$	8191999998807907104492187500
5	$\mathcal{O}(11; \{5^{24}\})$	134217728000001907348632812500
5	$\mathcal{O}(9; \{5^{29}\})$	219902325555199996948242187500
5	$\mathcal{O}(7; \{5^{34}\})$	360287970189639680004882812500
5	$\mathcal{O}(5; \{5^{39}\})$	590295810358705651711992187500
5	$\mathcal{O}(3; \{5^{44}\})$	967140655691703339764940812500
5	$\mathcal{O}(1; \{5^{49}\})$	1584563250285286751870879006700
6	$\mathcal{O}(16; \{3^4\})$	47751966648560284173240570
6	$\mathcal{O}(16; \{6, 3^2, 2\})$	15917322219892801768783872
6	$\mathcal{O}(16; \{6^2, 2^2\})$	15917322219892801768783872
6	$\mathcal{O}(15; \{3^4, 2^4\})$	1326443518324400147398656
6	$\mathcal{O}(15; \{3^7\})$	9285104619623373483815334
6	$\mathcal{O}(15; \{6, 3^2, 2^5\})$	442147839441466715799552
6	$\mathcal{O}(15; \{6, 3^5, 2\})$	4863626233856133873795072

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(15; \{6^2, 2^6\})$	442147839441466715799552
6	$\mathcal{O}(15; \{6^2, 3^3, 2^2\})$	2210739197207333578997760
6	$\mathcal{O}(15; \{6^3, 3, 2^3\})$	1326443518324400147398656
6	$\mathcal{O}(15; \{6^4, 3^2\})$	4863626233856133873795072
6	$\mathcal{O}(15; \{6^5, 2\})$	2210739197207333578997760
6	$\mathcal{O}(14; \{3^4, 2^8\})$	36845653286788892983296
6	$\mathcal{O}(14; \{3^7, 2^4\})$	257919573007522250883072
6	$\mathcal{O}(14; \{3^{10}\})$	2100202229523103880451210
6	$\mathcal{O}(14; \{6, 3^2, 2^9\})$	12281884428929630994432
6	$\mathcal{O}(14; \{6, 3^5, 2^5\})$	135100728718225940938752
6	$\mathcal{O}(14; \{6, 3^8, 2\})$	1043960176459018634526720
6	$\mathcal{O}(14; \{6^2, 2^{10}\})$	12281884428929630994432
6	$\mathcal{O}(14; \{6^2, 3^3, 2^6\})$	61409422144648154972160
6	$\mathcal{O}(14; \{6^2, 3^6, 2^2\})$	528121030443974132760576
6	$\mathcal{O}(14; \{6^3, 3, 2^7\})$	36845653286788892983296
6	$\mathcal{O}(14; \{6^3, 3^4, 2^3\})$	257919573007522250883072
6	$\mathcal{O}(14; \{6^4, 3^2, 2^4\})$	135100728718225940938752
6	$\mathcal{O}(14; \{6^4, 3^5\})$	1043960176459018634526720
6	$\mathcal{O}(14; \{6^5, 2^5\})$	61409422144648154972160
6	$\mathcal{O}(14; \{6^5, 3^3, 2\})$	528121030443974132760576
6	$\mathcal{O}(14; \{6^6, 3, 2^2\})$	257919573007522250883072
6	$\mathcal{O}(14; \{6^8\})$	528121030443974132760576
6	$\mathcal{O}(13; \{3^4, 2^{12}\})$	1023490369077469249536
6	$\mathcal{O}(13; \{3^7, 2^8\})$	7164432583542284746752
6	$\mathcal{O}(13; \{3^{10}, 2^4\})$	58338951037415747223552
6	$\mathcal{O}(13; \{3^{13}\})$	465688110990954797200710
6	$\mathcal{O}(13; \{6, 3^2, 2^{13}\})$	341163456359156416512
6	$\mathcal{O}(13; \{6, 3^5, 2^9\})$	3752798019950720581632
6	$\mathcal{O}(13; \{6, 3^8, 2^5\})$	28998893790528295403520
6	$\mathcal{O}(13; \{6, 3^{11}, 2\})$	233014640693303832477696
6	$\mathcal{O}(13; \{6^2, 2^{14}\})$	341163456359156416512
6	$\mathcal{O}(13; \{6^2, 3^3, 2^{10}\})$	1705817281795782082560
6	$\mathcal{O}(13; \{6^2, 3^6, 2^6\})$	14670028623443725910016
6	$\mathcal{O}(13; \{6^2, 3^9, 2^2\})$	116336738618472338030592
6	$\mathcal{O}(13; \{6^3, 3, 2^{11}\})$	1023490369077469249536
6	$\mathcal{O}(13; \{6^3, 3^4, 2^7\})$	7164432583542284746752
6	$\mathcal{O}(13; \{6^3, 3^7, 2^3\})$	58338951037415747223552
6	$\mathcal{O}(13; \{6^4, 3^2, 2^8\})$	3752798019950720581632
6	$\mathcal{O}(13; \{6^4, 3^5, 2^4\})$	28998893790528295403520
6	$\mathcal{O}(13; \{6^4, 3^8\})$	233014640693303832477696
6	$\mathcal{O}(13; \{6^5, 2^9\})$	1705817281795782082560
6	$\mathcal{O}(13; \{6^5, 3^3, 2^5\})$	14670028623443725910016
6	$\mathcal{O}(13; \{6^5, 3^6, 2\})$	116336738618472338030592

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(13; \{6^6, 3, 2^6\})$	7164432583542284746752
6	$\mathcal{O}(13; \{6^6, 3^4, 2^2\})$	58338951037415747223552
6	$\mathcal{O}(13; \{6^7, 3^2, 2^3\})$	28998893790528295403520
6	$\mathcal{O}(13; \{6^8, 2^4\})$	14670028623443725910016
6	$\mathcal{O}(13; \{6^8, 3^3\})$	116336738618472338030592
6	$\mathcal{O}(13; \{6^9, 3, 2\})$	58338951037415747223552
6	$\mathcal{O}(12; \{3^4, 2^{16}\})$	28430288029929701376
6	$\mathcal{O}(12; \{3^7, 2^{12}\})$	199012016209507909632
6	$\mathcal{O}(12; \{3^{10}, 2^8\})$	1620526417705992978432
6	$\mathcal{O}(12; \{3^{13}, 2^4\})$	12935781053618014126080
6	$\mathcal{O}(12; \{3^{16}\})$	103514672547018388746090
6	$\mathcal{O}(12; \{6, 3^2, 2^{17}\})$	9476762676643233792
6	$\mathcal{O}(12; \{6, 3^5, 2^{13}\})$	104244389443075571712
6	$\mathcal{O}(12; \{6, 3^8, 2^9\})$	805524827514674872320
6	$\mathcal{O}(12; \{6, 3^{11}, 2^5\})$	6472628908147328679936
6	$\mathcal{O}(12; \{6, 3^{14}, 2\})$	51752600977148699738112
6	$\mathcal{O}(12; \{6^2, 2^{18}\})$	9476762676643233792
6	$\mathcal{O}(12; \{6^2, 3^3, 2^{14}\})$	47383813383216168960
6	$\mathcal{O}(12; \{6^2, 3^6, 2^{10}\})$	407500795095659053056
6	$\mathcal{O}(12; \{6^2, 3^9, 2^6\})$	3231576072735342723072
6	$\mathcal{O}(12; \{6^2, 3^{12}, 2^2\})$	25881038869912671485952
6	$\mathcal{O}(12; \{6^3, 3, 2^{15}\})$	28430288029929701376
6	$\mathcal{O}(12; \{6^3, 3^4, 2^{11}\})$	199012016209507909632
6	$\mathcal{O}(12; \{6^3, 3^7, 2^7\})$	1620526417705992978432
6	$\mathcal{O}(12; \{6^3, 3^{10}, 2^3\})$	12935781053618014126080
6	$\mathcal{O}(12; \{6^4, 3^2, 2^{12}\})$	104244389443075571712
6	$\mathcal{O}(12; \{6^4, 3^5, 2^8\})$	805524827514674872320
6	$\mathcal{O}(12; \{6^4, 3^8, 2^4\})$	6472628908147328679936
6	$\mathcal{O}(12; \{6^4, 3^{11}\})$	51752600977148699738112
6	$\mathcal{O}(12; \{6^5, 2^{13}\})$	47383813383216168960
6	$\mathcal{O}(12; \{6^5, 3^3, 2^9\})$	407500795095659053056
6	$\mathcal{O}(12; \{6^5, 3^6, 2^5\})$	3231576072735342723072
6	$\mathcal{O}(12; \{6^5, 3^9, 2\})$	25881038869912671485952
6	$\mathcal{O}(12; \{6^6, 3, 2^{10}\})$	199012016209507909632
6	$\mathcal{O}(12; \{6^6, 3^4, 2^6\})$	1620526417705992978432
6	$\mathcal{O}(12; \{6^6, 3^7, 2^2\})$	12935781053618014126080
6	$\mathcal{O}(12; \{6^7, 3^2, 2^7\})$	805524827514674872320
6	$\mathcal{O}(12; \{6^7, 3^5, 2^3\})$	6472628908147328679936
6	$\mathcal{O}(12; \{6^8, 2^8\})$	407500795095659053056
6	$\mathcal{O}(12; \{6^8, 3^3, 2^4\})$	3231576072735342723072
6	$\mathcal{O}(12; \{6^8, 3^6\})$	25881038869912671485952
6	$\mathcal{O}(12; \{6^9, 3, 2^5\})$	1620526417705992978432
6	$\mathcal{O}(12; \{6^9, 3^4, 2\})$	12935781053618014126080

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(12; \{6^{10}, 3^2, 2^2\})$	6472628908147328679936
6	$\mathcal{O}(12; \{6^{11}, 2^3\})$	3231576072735342723072
6	$\mathcal{O}(12; \{6^{12}, 3\})$	12935781053618014126080
6	$\mathcal{O}(11; \{3^4, 2^{20}\})$	789730223053602816
6	$\mathcal{O}(11; \{3^7, 2^{16}\})$	5528111561375219712
6	$\mathcal{O}(11; \{3^{10}, 2^{12}\})$	45014622714055360512
6	$\mathcal{O}(11; \{3^{13}, 2^8\})$	359327251489389281280
6	$\mathcal{O}(11; \{3^{16}, 2^4\})$	2875407742138167853056
6	$\mathcal{O}(11; \{3^{19}\})$	23002466722665549833574
6	$\mathcal{O}(11; \{6, 3^2, 2^{21}\})$	263243407684534272
6	$\mathcal{O}(11; \{6, 3^5, 2^{17}\})$	2895677484529876992
6	$\mathcal{O}(11; \{6, 3^8, 2^{13}\})$	22375689653185413120
6	$\mathcal{O}(11; \{6, 3^{11}, 2^9\})$	179795247448536907776
6	$\mathcal{O}(11; \{6, 3^{14}, 2^5\})$	1437572249365241659392
6	$\mathcal{O}(11; \{6, 3^{17}, 2\})$	11501367725144986877952
6	$\mathcal{O}(11; \{6^2, 2^{22}\})$	263243407684534272
6	$\mathcal{O}(11; \{6^2, 3^3, 2^{18}\})$	1316217038422671360
6	$\mathcal{O}(11; \{6^2, 3^6, 2^{14}\})$	11319466530434973696
6	$\mathcal{O}(11; \{6^2, 3^9, 2^{10}\})$	89766002020426186752
6	$\mathcal{O}(11; \{6^2, 3^{12}, 2^6\})$	718917746386463096832
6	$\mathcal{O}(11; \{6^2, 3^{15}, 2^2\})$	5750552240868651171840
6	$\mathcal{O}(11; \{6^3, 3, 2^{19}\})$	789730223053602816
6	$\mathcal{O}(11; \{6^3, 3^4, 2^{15}\})$	5528111561375219712
6	$\mathcal{O}(11; \{6^3, 3^7, 2^{11}\})$	45014622714055360512
6	$\mathcal{O}(11; \{6^3, 3^{10}, 2^7\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^3, 3^{13}, 2^3\})$	2875407742138167853056
6	$\mathcal{O}(11; \{6^4, 3^2, 2^{16}\})$	2895677484529876992
6	$\mathcal{O}(11; \{6^4, 3^5, 2^{12}\})$	22375689653185413120
6	$\mathcal{O}(11; \{6^4, 3^8, 2^8\})$	179795247448536907776
6	$\mathcal{O}(11; \{6^4, 3^{11}, 2^4\})$	1437572249365241659392
6	$\mathcal{O}(11; \{6^4, 3^{14}\})$	11501367725144986877952
6	$\mathcal{O}(11; \{6^5, 2^{17}\})$	1316217038422671360
6	$\mathcal{O}(11; \{6^5, 3^3, 2^{13}\})$	11319466530434973696
6	$\mathcal{O}(11; \{6^5, 3^6, 2^9\})$	89766002020426186752
6	$\mathcal{O}(11; \{6^5, 3^9, 2^5\})$	718917746386463096832
6	$\mathcal{O}(11; \{6^5, 3^{12}, 2\})$	5750552240868651171840
6	$\mathcal{O}(11; \{6^6, 3, 2^{14}\})$	5528111561375219712
6	$\mathcal{O}(11; \{6^6, 3^4, 2^{10}\})$	45014622714055360512
6	$\mathcal{O}(11; \{6^6, 3^7, 2^6\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^6, 3^{10}, 2^2\})$	2875407742138167853056
6	$\mathcal{O}(11; \{6^7, 3^2, 2^{11}\})$	22375689653185413120
6	$\mathcal{O}(11; \{6^7, 3^5, 2^7\})$	179795247448536907776
6	$\mathcal{O}(11; \{6^7, 3^8, 2^3\})$	1437572249365241659392

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(11; \{6^8, 2^{12}\})$	11319466530434973696
6	$\mathcal{O}(11; \{6^8, 3^3, 2^8\})$	89766002020426186752
6	$\mathcal{O}(11; \{6^8, 3^6, 2^4\})$	718917746386463096832
6	$\mathcal{O}(11; \{6^8, 3^9\})$	5750552240868651171840
6	$\mathcal{O}(11; \{6^9, 3, 2^9\})$	45014622714055360512
6	$\mathcal{O}(11; \{6^9, 3^4, 2^5\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^9, 3^7, 2\})$	2875407742138167853056
6	$\mathcal{O}(11; \{6^{10}, 3^2, 2^6\})$	179795247448536907776
6	$\mathcal{O}(11; \{6^{10}, 3^5, 2^2\})$	1437572249365241659392
6	$\mathcal{O}(11; \{6^{11}, 2^7\})$	89766002020426186752
6	$\mathcal{O}(11; \{6^{11}, 3^3, 2^3\})$	718917746386463096832
6	$\mathcal{O}(11; \{6^{12}, 3, 2^4\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^{12}, 3^4\})$	2875407742138167853056
6	$\mathcal{O}(11; \{6^{13}, 3^2, 2\})$	1437572249365241659392
6	$\mathcal{O}(11; \{6^{14}, 2^2\})$	718917746386463096832
6	$\mathcal{O}(10; \{3^4, 2^{24}\})$	21936950640377856
6	$\mathcal{O}(10; \{3^7, 2^{20}\})$	153558654482644992
6	$\mathcal{O}(10; \{3^{10}, 2^{16}\})$	1250406186501537792
6	$\mathcal{O}(10; \{3^{13}, 2^{12}\})$	9981312541371924480
6	$\mathcal{O}(10; \{3^{16}, 2^8\})$	79872437281615773696
6	$\mathcal{O}(10; \{3^{19}, 2^4\})$	638957561302285811712
6	$\mathcal{O}(10; \{3^{22}\})$	511167752488682264650
6	$\mathcal{O}(10; \{6, 3^2, 2^{25}\})$	7312316880125952
6	$\mathcal{O}(10; \{6, 3^5, 2^{21}\})$	80435485681385472
6	$\mathcal{O}(10; \{6, 3^8, 2^{17}\})$	621546934810705920
6	$\mathcal{O}(10; \{6, 3^{11}, 2^{13}\})$	4994312429126025216
6	$\mathcal{O}(10; \{6, 3^{14}, 2^9\})$	39932562482367823872
6	$\mathcal{O}(10; \{6, 3^{17}, 2^5\})$	319482436809582968832
6	$\mathcal{O}(10; \{6, 3^{20}, 2\})$	2555837557526023372800
6	$\mathcal{O}(10; \{6^2, 2^{26}\})$	7312316880125952
6	$\mathcal{O}(10; \{6^2, 3^3, 2^{22}\})$	36561584400629760
6	$\mathcal{O}(10; \{6^2, 3^6, 2^{18}\})$	314429625845415936
6	$\mathcal{O}(10; \{6^2, 3^9, 2^{14}\})$	2493500056122949632
6	$\mathcal{O}(10; \{6^2, 3^{12}, 2^{10}\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^2, 3^{15}, 2^6\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^2, 3^{18}, 2^2\})$	1277922434921451749376
6	$\mathcal{O}(10; \{6^3, 3, 2^{23}\})$	21936950640377856
6	$\mathcal{O}(10; \{6^3, 3^4, 2^{19}\})$	153558654482644992
6	$\mathcal{O}(10; \{6^3, 3^7, 2^{15}\})$	1250406186501537792
6	$\mathcal{O}(10; \{6^3, 3^{10}, 2^{11}\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^3, 3^{13}, 2^7\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^3, 3^{16}, 2^3\})$	638957561302285811712
6	$\mathcal{O}(10; \{6^4, 3^2, 2^{20}\})$	80435485681385472

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(10; \{6^4, 3^5, 2^{16}\})$	621546934810705920
6	$\mathcal{O}(10; \{6^4, 3^8, 2^{12}\})$	4994312429126025216
6	$\mathcal{O}(10; \{6^4, 3^{11}, 2^8\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^4, 3^{14}, 2^4\})$	319482436809582968832
6	$\mathcal{O}(10; \{6^4, 3^{17}\})$	2555837557526023372800
6	$\mathcal{O}(10; \{6^5, 2^{21}\})$	36561584400629760
6	$\mathcal{O}(10; \{6^5, 3^3, 2^{17}\})$	314429625845415936
6	$\mathcal{O}(10; \{6^5, 3^6, 2^{13}\})$	2493500056122949632
6	$\mathcal{O}(10; \{6^5, 3^9, 2^9\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^5, 3^{12}, 2^5\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^5, 3^{15}, 2\})$	1277922434921451749376
6	$\mathcal{O}(10; \{6^6, 3, 2^{18}\})$	153558654482644992
6	$\mathcal{O}(10; \{6^6, 3^4, 2^{14}\})$	1250406186501537792
6	$\mathcal{O}(10; \{6^6, 3^7, 2^{10}\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^6, 3^{10}, 2^6\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^6, 3^{13}, 2^2\})$	638957561302285811712
6	$\mathcal{O}(10; \{6^7, 3^2, 2^{15}\})$	621546934810705920
6	$\mathcal{O}(10; \{6^7, 3^5, 2^{11}\})$	4994312429126025216
6	$\mathcal{O}(10; \{6^7, 3^8, 2^7\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^7, 3^{11}, 2^3\})$	319482436809582968832
6	$\mathcal{O}(10; \{6^8, 2^{16}\})$	314429625845415936
6	$\mathcal{O}(10; \{6^8, 3^3, 2^{12}\})$	2493500056122949632
6	$\mathcal{O}(10; \{6^8, 3^6, 2^8\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^8, 3^9, 2^4\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^8, 3^{12}\})$	1277922434921451749376
6	$\mathcal{O}(10; \{6^9, 3, 2^{13}\})$	1250406186501537792
6	$\mathcal{O}(10; \{6^9, 3^4, 2^9\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^9, 3^7, 2^5\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^9, 3^{10}, 2\})$	638957561302285811712
6	$\mathcal{O}(10; \{6^{10}, 3^2, 2^{10}\})$	4994312429126025216
6	$\mathcal{O}(10; \{6^{10}, 3^5, 2^6\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^{10}, 3^8, 2^2\})$	319482436809582968832
6	$\mathcal{O}(10; \{6^{11}, 2^{11}\})$	2493500056122949632
6	$\mathcal{O}(10; \{6^{11}, 3^3, 2^7\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^{11}, 3^6, 2^3\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^{12}, 3, 2^8\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^{12}, 3^4, 2^4\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^{12}, 3^7\})$	638957561302285811712
6	$\mathcal{O}(10; \{6^{13}, 3^2, 2^5\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^{13}, 3^5, 2\})$	319482436809582968832
6	$\mathcal{O}(10; \{6^{14}, 2^6\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^{14}, 3^3, 2^2\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^{15}, 3, 2^3\})$	79872437281615773696

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(10; \{6^{16}, 3^{21}\})$	319482436809582968832
6	$\mathcal{O}(10; \{6^{17}, 2\})$	159737562246351421440
6	$\mathcal{O}(9; \{3^4, 2^{28}\})$	609359740010496
6	$\mathcal{O}(9; \{3^7, 2^{24}\})$	4265518180073472
6	$\mathcal{O}(9; \{3^{10}, 2^{20}\})$	34733505180598272
6	$\mathcal{O}(9; \{3^{13}, 2^{16}\})$	277258681704775680
6	$\mathcal{O}(9; \{3^{16}, 2^{12}\})$	2218678813378215936
6	$\mathcal{O}(9; \{3^{19}, 2^8\})$	17748821147285716992
6	$\mathcal{O}(9; \{3^{22}, 2^4\})$	141991178538025746432
6	$\mathcal{O}(9; \{3^{25}\})$	1135924485719906388870
6	$\mathcal{O}(9; \{6, 3^2, 2^{29}\})$	203119913336832
6	$\mathcal{O}(9; \{6, 3^5, 2^{25}\})$	2234319046705152
6	$\mathcal{O}(9; \{6, 3^8, 2^{21}\})$	17265192633630720
6	$\mathcal{O}(9; \{6, 3^{11}, 2^{17}\})$	138730900809056256
6	$\mathcal{O}(9; \{6, 3^{14}, 2^{13}\})$	1109237846732439552
6	$\mathcal{O}(9; \{6, 3^{17}, 2^9\})$	8874512133599526912
6	$\mathcal{O}(9; \{6, 3^{20}, 2^5\})$	70995487709056204800
6	$\mathcal{O}(9; \{6, 3^{23}, 2\})$	567964511032189648896
6	$\mathcal{O}(9; \{6^2, 2^{30}\})$	203119913336832
6	$\mathcal{O}(9; \{6^2, 3^3, 2^{26}\})$	1015599566684160
6	$\mathcal{O}(9; \{6^2, 3^6, 2^{22}\})$	8734156273483776
6	$\mathcal{O}(9; \{6^2, 3^9, 2^{18}\})$	69263890447859712
6	$\mathcal{O}(9; \{6^2, 3^{12}, 2^{14}\})$	554720483322888192
6	$\mathcal{O}(9; \{6^2, 3^{15}, 2^{10}\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^2, 3^{18}, 2^6\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^2, 3^{21}, 2^2\})$	283982153956138156032
6	$\mathcal{O}(9; \{6^3, 3, 2^{27}\})$	609359740010496
6	$\mathcal{O}(9; \{6^3, 3^4, 2^{23}\})$	4265518180073472
6	$\mathcal{O}(9; \{6^3, 3^7, 2^{19}\})$	34733505180598272
6	$\mathcal{O}(9; \{6^3, 3^{10}, 2^{15}\})$	277258681704775680
6	$\mathcal{O}(9; \{6^3, 3^{13}, 2^{11}\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^3, 3^{16}, 2^7\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^3, 3^{19}, 2^3\})$	141991178538025746432
6	$\mathcal{O}(9; \{6^4, 3^2, 2^{24}\})$	2234319046705152
6	$\mathcal{O}(9; \{6^4, 3^5, 2^{20}\})$	17265192633630720
6	$\mathcal{O}(9; \{6^4, 3^8, 2^{16}\})$	138730900809056256
6	$\mathcal{O}(9; \{6^4, 3^{11}, 2^{12}\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^4, 3^{14}, 2^8\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^4, 3^{17}, 2^4\})$	70995487709056204800
6	$\mathcal{O}(9; \{6^4, 3^{20}\})$	567964511032189648896
6	$\mathcal{O}(9; \{6^5, 2^{25}\})$	1015599566684160
6	$\mathcal{O}(9; \{6^5, 3^3, 2^{21}\})$	8734156273483776
6	$\mathcal{O}(9; \{6^5, 3^6, 2^{17}\})$	69263890447859712

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(9; \{6^5, 3^9, 2^{13}\})$	554720483322888192
6	$\mathcal{O}(9; \{6^5, 3^{12}, 2^9\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^5, 3^{15}, 2^5\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^5, 3^{18}, 2\})$	283982153956138156032
6	$\mathcal{O}(9; \{6^6, 3, 2^{22}\})$	4265518180073472
6	$\mathcal{O}(9; \{6^6, 3^4, 2^{18}\})$	34733505180598272
6	$\mathcal{O}(9; \{6^6, 3^7, 2^{14}\})$	277258681704775680
6	$\mathcal{O}(9; \{6^6, 3^{10}, 2^{10}\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^6, 3^{13}, 2^6\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^6, 3^{16}, 2^2\})$	141991178538025746432
6	$\mathcal{O}(9; \{6^7, 3^2, 2^{19}\})$	17265192633630720
6	$\mathcal{O}(9; \{6^7, 3^5, 2^{15}\})$	138730900809056256
6	$\mathcal{O}(9; \{6^7, 3^8, 2^{11}\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^7, 3^{11}, 2^7\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^7, 3^{14}, 2^3\})$	70995487709056204800
6	$\mathcal{O}(9; \{6^8, 2^{20}\})$	8734156273483776
6	$\mathcal{O}(9; \{6^8, 3^3, 2^{16}\})$	69263890447859712
6	$\mathcal{O}(9; \{6^8, 3^6, 2^{12}\})$	554720483322888192
6	$\mathcal{O}(9; \{6^8, 3^9, 2^8\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^8, 3^{12}, 2^4\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^8, 3^{15}\})$	283982153956138156032
6	$\mathcal{O}(9; \{6^9, 3, 2^{17}\})$	34733505180598272
6	$\mathcal{O}(9; \{6^9, 3^4, 2^{13}\})$	277258681704775680
6	$\mathcal{O}(9; \{6^9, 3^7, 2^9\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^9, 3^{10}, 2^5\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^9, 3^{13}, 2\})$	141991178538025746432
6	$\mathcal{O}(9; \{6^{10}, 3^2, 2^{14}\})$	138730900809056256
6	$\mathcal{O}(9; \{6^{10}, 3^5, 2^{10}\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^{10}, 3^8, 2^6\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^{10}, 3^{11}, 2^2\})$	70995487709056204800
6	$\mathcal{O}(9; \{6^{11}, 2^{15}\})$	69263890447859712
6	$\mathcal{O}(9; \{6^{11}, 3^3, 2^{11}\})$	554720483322888192
6	$\mathcal{O}(9; \{6^{11}, 3^6, 2^7\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^{11}, 3^9, 2^3\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^{12}, 3, 2^{12}\})$	277258681704775680
6	$\mathcal{O}(9; \{6^{12}, 3^4, 2^8\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^{12}, 3^7, 2^4\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^{12}, 3^{10}\})$	141991178538025746432
6	$\mathcal{O}(9; \{6^{13}, 3^2, 2^9\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^{13}, 3^5, 2^5\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^{13}, 3^8, 2\})$	70995487709056204800
6	$\mathcal{O}(9; \{6^{14}, 2^{10}\})$	554720483322888192
6	$\mathcal{O}(9; \{6^{14}, 3^3, 2^6\})$	4437154506843095040

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(9; \{6^{14}, 3^6, 2^2\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^{15}, 3, 2^7\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^{15}, 3^4, 2^3\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^{16}, 3^2, 2^4\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^{16}, 3^5\})$	70995487709056204800
6	$\mathcal{O}(9; \{6^{17}, 2^5\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^{17}, 3^3, 2\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^{18}, 3, 2^2\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^{20}\})$	35497845414484770816
6	$\mathcal{O}(8; \{3^4, 2^{32}\})$	16926659444736
6	$\mathcal{O}(8; \{3^7, 2^{28}\})$	118486616113152
6	$\mathcal{O}(8; \{3^{10}, 2^{24}\})$	964819588349952
6	$\mathcal{O}(8; \{3^{13}, 2^{20}\})$	7701630047354880
6	$\mathcal{O}(8; \{3^{16}, 2^{16}\})$	61629967038283776
6	$\mathcal{O}(8; \{3^{19}, 2^{12}\})$	493022809646825472
6	$\mathcal{O}(8; \{3^{22}, 2^8\})$	3944199403834048512
6	$\mathcal{O}(8; \{3^{25}, 2^4\})$	31553578304012943360
6	$\mathcal{O}(8; \{3^{28}\})$	252424791603340647210
6	$\mathcal{O}(8; \{6, 3^2, 2^{33}\})$	5642219814912
6	$\mathcal{O}(8; \{6, 3^5, 2^{29}\})$	62064417964032
6	$\mathcal{O}(8; \{6, 3^8, 2^{25}\})$	479588684267520
6	$\mathcal{O}(8; \{6, 3^{11}, 2^{21}\})$	3853636133584896
6	$\mathcal{O}(8; \{6, 3^{14}, 2^{17}\})$	30812162409234432
6	$\mathcal{O}(8; \{6, 3^{17}, 2^{13}\})$	246514225933320192
6	$\mathcal{O}(8; \{6, 3^{20}, 2^9\})$	1972096880807116800
6	$\mathcal{O}(8; \{6, 3^{23}, 2^5\})$	15776791973116379136
6	$\mathcal{O}(8; \{6, 3^{26}, 2\})$	126214318858271588352
6	$\mathcal{O}(8; \{6^2, 2^{34}\})$	5642219814912
6	$\mathcal{O}(8; \{6^2, 3^3, 2^{30}\})$	28211099074560
6	$\mathcal{O}(8; \{6^2, 3^6, 2^{26}\})$	242615452041216
6	$\mathcal{O}(8; \{6^2, 3^9, 2^{22}\})$	1923996956884992
6	$\mathcal{O}(8; \{6^2, 3^{12}, 2^{18}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^2, 3^{15}, 2^{14}\})$	123254291856752640
6	$\mathcal{O}(8; \{6^2, 3^{18}, 2^{10}\})$	986051261513465856
6	$\mathcal{O}(8; \{6^2, 3^{21}, 2^6\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^2, 3^{24}, 2^2\})$	63107162250245701632
6	$\mathcal{O}(8; \{6^3, 3, 2^{31}\})$	16926659444736
6	$\mathcal{O}(8; \{6^3, 3^4, 2^{27}\})$	118486616113152
6	$\mathcal{O}(8; \{6^3, 3^7, 2^{23}\})$	964819588349952
6	$\mathcal{O}(8; \{6^3, 3^{10}, 2^{19}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^3, 3^{13}, 2^{15}\})$	61629967038283776
6	$\mathcal{O}(8; \{6^3, 3^{16}, 2^{11}\})$	493022809646825472
6	$\mathcal{O}(8; \{6^3, 3^{19}, 2^7\})$	3944199403834048512

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(8; \{6^3, 3^{22}, 2^3\})$	31553578304012943360
6	$\mathcal{O}(8; \{6^4, 3^2, 2^{28}\})$	62064417964032
6	$\mathcal{O}(8; \{6^4, 3^5, 2^{24}\})$	479588684267520
6	$\mathcal{O}(8; \{6^4, 3^8, 2^{20}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^4, 3^{11}, 2^{16}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^4, 3^{14}, 2^{12}\})$	246514225933320192
6	$\mathcal{O}(8; \{6^4, 3^{17}, 2^8\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^4, 3^{20}, 2^4\})$	15776791973116379136
6	$\mathcal{O}(8; \{6^4, 3^{23}\})$	126214318858271588352
6	$\mathcal{O}(8; \{6^5, 2^{29}\})$	28211099074560
6	$\mathcal{O}(8; \{6^5, 3^3, 2^{25}\})$	242615452041216
6	$\mathcal{O}(8; \{6^5, 3^6, 2^{21}\})$	1923996956884992
6	$\mathcal{O}(8; \{6^5, 3^9, 2^{17}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^5, 3^{12}, 2^{13}\})$	123254291856752640
6	$\mathcal{O}(8; \{6^5, 3^{15}, 2^9\})$	986051261513465856
6	$\mathcal{O}(8; \{6^5, 3^{18}, 2^5\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^5, 3^{21}, 2\})$	63107162250245701632
6	$\mathcal{O}(8; \{6^6, 3, 2^{26}\})$	118486616113152
6	$\mathcal{O}(8; \{6^6, 3^4, 2^{22}\})$	964819588349952
6	$\mathcal{O}(8; \{6^6, 3^7, 2^{18}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^6, 3^{10}, 2^{14}\})$	61629967038283776
6	$\mathcal{O}(8; \{6^6, 3^{13}, 2^{10}\})$	493022809646825472
6	$\mathcal{O}(8; \{6^6, 3^{16}, 2^6\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^6, 3^{19}, 2^2\})$	31553578304012943360
6	$\mathcal{O}(8; \{6^7, 3^2, 2^{23}\})$	479588684267520
6	$\mathcal{O}(8; \{6^7, 3^5, 2^{19}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^7, 3^8, 2^{15}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^7, 3^{11}, 2^{11}\})$	246514225933320192
6	$\mathcal{O}(8; \{6^7, 3^{14}, 2^7\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^7, 3^{17}, 2^3\})$	15776791973116379136
6	$\mathcal{O}(8; \{6^8, 2^{24}\})$	242615452041216
6	$\mathcal{O}(8; \{6^8, 3^3, 2^{20}\})$	1923996956884992
6	$\mathcal{O}(8; \{6^8, 3^6, 2^{16}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^8, 3^9, 2^{12}\})$	123254291856752640
6	$\mathcal{O}(8; \{6^8, 3^{12}, 2^8\})$	986051261513465856
6	$\mathcal{O}(8; \{6^8, 3^{15}, 2^4\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^8, 3^{18}\})$	63107162250245701632
6	$\mathcal{O}(8; \{6^9, 3, 2^{21}\})$	964819588349952
6	$\mathcal{O}(8; \{6^9, 3^4, 2^{17}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^9, 3^7, 2^{13}\})$	61629967038283776
6	$\mathcal{O}(8; \{6^9, 3^{10}, 2^9\})$	493022809646825472
6	$\mathcal{O}(8; \{6^9, 3^{13}, 2^5\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^9, 3^{16}, 2\})$	31553578304012943360

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(8; \{6^{10}, 3^2, 2^{18}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^{10}, 3^5, 2^{14}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^{10}, 3^8, 2^{10}\})$	246514225933320192
6	$\mathcal{O}(8; \{6^{10}, 3^{11}, 2^6\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^{10}, 3^{14}, 2^2\})$	15776791973116379136
6	$\mathcal{O}(8; \{6^{11}, 2^{19}\})$	1923996956884992
6	$\mathcal{O}(8; \{6^{11}, 3^3, 2^{15}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^{11}, 3^6, 2^{11}\})$	123254291856752640
6	$\mathcal{O}(8; \{6^{11}, 3^9, 2^7\})$	986051261513465856
6	$\mathcal{O}(8; \{6^{11}, 3^{12}, 2^3\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^{12}, 3, 2^{16}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^{12}, 3^4, 2^{12}\})$	61629967038283776
6	$\mathcal{O}(8; \{6^{12}, 3^7, 2^8\})$	493022809646825472
6	$\mathcal{O}(8; \{6^{12}, 3^{10}, 2^4\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^{12}, 3^{13}\})$	31553578304012943360
6	$\mathcal{O}(8; \{6^{13}, 3^2, 2^{13}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^{13}, 3^5, 2^9\})$	246514225933320192
6	$\mathcal{O}(8; \{6^{13}, 3^8, 2^5\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^{13}, 3^{11}, 2\})$	15776791973116379136
6	$\mathcal{O}(8; \{6^{14}, 2^{14}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^{14}, 3^3, 2^{10}\})$	123254291856752640
6	$\mathcal{O}(8; \{6^{14}, 3^6, 2^6\})$	986051261513465856
6	$\mathcal{O}(8; \{6^{14}, 3^9, 2^2\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^{15}, 3, 2^{11}\})$	61629967038283776
6	$\mathcal{O}(8; \{6^{15}, 3^4, 2^7\})$	493022809646825472
6	$\mathcal{O}(8; \{6^{15}, 3^7, 2^3\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^{16}, 3^2, 2^8\})$	246514225933320192
6	$\mathcal{O}(8; \{6^{16}, 3^5, 2^4\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^{16}, 3^8\})$	15776791973116379136
6	$\mathcal{O}(8; \{6^{17}, 2^9\})$	123254291856752640
6	$\mathcal{O}(8; \{6^{17}, 3^3, 2^5\})$	986051261513465856
6	$\mathcal{O}(8; \{6^{17}, 3^6, 2\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^{18}, 3, 2^6\})$	493022809646825472
6	$\mathcal{O}(8; \{6^{18}, 3^4, 2^2\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^{19}, 3^2, 2^3\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^{20}, 2^4\})$	986051261513465856
6	$\mathcal{O}(8; \{6^{20}, 3^3\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^{21}, 3, 2\})$	3944199403834048512
6	$\mathcal{O}(7; \{3^4, 2^{36}\})$	470184984576
6	$\mathcal{O}(7; \{3^7, 2^{32}\})$	3291294892032
6	$\mathcal{O}(7; \{3^{10}, 2^{28}\})$	26800544120832
6	$\mathcal{O}(7; \{3^{13}, 2^{24}\})$	213934167982080
6	$\mathcal{O}(7; \{3^{16}, 2^{20}\})$	1711943528841216

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{3^{19}, 2^{16}\})$	13695078045745152
6	$\mathcal{O}(7; \{3^{22}, 2^{12}\})$	109561094550945792
6	$\mathcal{O}(7; \{3^{25}, 2^8\})$	876488286222581760
6	$\mathcal{O}(7; \{3^{28}, 2^4\})$	7011906759965638656
6	$\mathcal{O}(7; \{3^{31}\})$	56091829826971183014
6	$\mathcal{O}(7; \{6, 3^2, 2^{37}\})$	156728328192
6	$\mathcal{O}(7; \{6, 3^5, 2^{33}\})$	1724011610112
6	$\mathcal{O}(7; \{6, 3^8, 2^{29}\})$	13321907896320
6	$\mathcal{O}(7; \{6, 3^{11}, 2^{25}\})$	107045448155136
6	$\mathcal{O}(7; \{6, 3^{14}, 2^{21}\})$	855893400256512
6	$\mathcal{O}(7; \{6, 3^{17}, 2^{17}\})$	6847617387036672
6	$\mathcal{O}(7; \{6, 3^{20}, 2^{13}\})$	54780468911308800
6	$\mathcal{O}(7; \{6, 3^{23}, 2^9\})$	438244221475454976
6	$\mathcal{O}(7; \{6, 3^{26}, 2^5\})$	3505953301618655232
6	$\mathcal{O}(7; \{6, 3^{29}, 2\})$	28047626883134226432
6	$\mathcal{O}(7; \{6^2, 2^{38}\})$	156728328192
6	$\mathcal{O}(7; \{6^2, 3^3, 2^{34}\})$	783641640960
6	$\mathcal{O}(7; \{6^2, 3^6, 2^{30}\})$	6739318112256
6	$\mathcal{O}(7; \{6^2, 3^9, 2^{26}\})$	53444359913472
6	$\mathcal{O}(7; \{6^2, 3^{12}, 2^{22}\})$	428025064292352
6	$\mathcal{O}(7; \{6^2, 3^{15}, 2^{18}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^2, 3^{18}, 2^{14}\})$	27390312819818496
6	$\mathcal{O}(7; \{6^2, 3^{21}, 2^{10}\})$	219122032373563392
6	$\mathcal{O}(7; \{6^2, 3^{24}, 2^6\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^2, 3^{27}, 2^2\})$	14023813363202949120
6	$\mathcal{O}(7; \{6^3, 3, 2^{35}\})$	470184984576
6	$\mathcal{O}(7; \{6^3, 3^4, 2^{31}\})$	3291294892032
6	$\mathcal{O}(7; \{6^3, 3^7, 2^{27}\})$	26800544120832
6	$\mathcal{O}(7; \{6^3, 3^{10}, 2^{23}\})$	213934167982080
6	$\mathcal{O}(7; \{6^3, 3^{13}, 2^{19}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^3, 3^{16}, 2^{15}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^3, 3^{19}, 2^{11}\})$	109561094550945792
6	$\mathcal{O}(7; \{6^3, 3^{22}, 2^7\})$	876488286222581760
6	$\mathcal{O}(7; \{6^3, 3^{25}, 2^3\})$	7011906759965638656
6	$\mathcal{O}(7; \{6^4, 3^2, 2^{32}\})$	1724011610112
6	$\mathcal{O}(7; \{6^4, 3^5, 2^{28}\})$	13321907896320
6	$\mathcal{O}(7; \{6^4, 3^8, 2^{24}\})$	107045448155136
6	$\mathcal{O}(7; \{6^4, 3^{11}, 2^{20}\})$	855893400256512
6	$\mathcal{O}(7; \{6^4, 3^{14}, 2^{16}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^4, 3^{17}, 2^{12}\})$	54780468911308800
6	$\mathcal{O}(7; \{6^4, 3^{20}, 2^8\})$	438244221475454976
6	$\mathcal{O}(7; \{6^4, 3^{23}, 2^4\})$	3505953301618655232
6	$\mathcal{O}(7; \{6^4, 3^{26}\})$	28047626883134226432

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{6^5, 2^{33}\})$	783641640960
6	$\mathcal{O}(7; \{6^5, 3^3, 2^{29}\})$	6739318112256
6	$\mathcal{O}(7; \{6^5, 3^6, 2^{25}\})$	53444359913472
6	$\mathcal{O}(7; \{6^5, 3^9, 2^{21}\})$	428025064292352
6	$\mathcal{O}(7; \{6^5, 3^{12}, 2^{17}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^5, 3^{15}, 2^{13}\})$	27390312819818496
6	$\mathcal{O}(7; \{6^5, 3^{18}, 2^9\})$	219122032373563392
6	$\mathcal{O}(7; \{6^5, 3^{21}, 2^5\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^5, 3^{24}, 2\})$	14023813363202949120
6	$\mathcal{O}(7; \{6^6, 3, 2^{30}\})$	3291294892032
6	$\mathcal{O}(7; \{6^6, 3^4, 2^{26}\})$	26800544120832
6	$\mathcal{O}(7; \{6^6, 3^7, 2^{22}\})$	213934167982080
6	$\mathcal{O}(7; \{6^6, 3^{10}, 2^{18}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^6, 3^{13}, 2^{14}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^6, 3^{16}, 2^{10}\})$	109561094550945792
6	$\mathcal{O}(7; \{6^6, 3^{19}, 2^6\})$	876488286222581760
6	$\mathcal{O}(7; \{6^6, 3^{22}, 2^2\})$	7011906759965638656
6	$\mathcal{O}(7; \{6^7, 3^2, 2^{27}\})$	13321907896320
6	$\mathcal{O}(7; \{6^7, 3^5, 2^{23}\})$	107045448155136
6	$\mathcal{O}(7; \{6^7, 3^8, 2^{19}\})$	855893400256512
6	$\mathcal{O}(7; \{6^7, 3^{11}, 2^{15}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^7, 3^{14}, 2^{11}\})$	54780468911308800
6	$\mathcal{O}(7; \{6^7, 3^{17}, 2^7\})$	438244221475454976
6	$\mathcal{O}(7; \{6^7, 3^{20}, 2^3\})$	3505953301618655232
6	$\mathcal{O}(7; \{6^8, 2^{28}\})$	6739318112256
6	$\mathcal{O}(7; \{6^8, 3^3, 2^{24}\})$	53444359913472
6	$\mathcal{O}(7; \{6^8, 3^6, 2^{20}\})$	428025064292352
6	$\mathcal{O}(7; \{6^8, 3^9, 2^{16}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^8, 3^{12}, 2^{12}\})$	27390312819818496
6	$\mathcal{O}(7; \{6^8, 3^{15}, 2^8\})$	219122032373563392
6	$\mathcal{O}(7; \{6^8, 3^{18}, 2^4\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^8, 3^{21}\})$	14023813363202949120
6	$\mathcal{O}(7; \{6^9, 3, 2^{25}\})$	26800544120832
6	$\mathcal{O}(7; \{6^9, 3^4, 2^{21}\})$	213934167982080
6	$\mathcal{O}(7; \{6^9, 3^7, 2^{17}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^9, 3^{10}, 2^{13}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^9, 3^{13}, 2^9\})$	109561094550945792
6	$\mathcal{O}(7; \{6^9, 3^{16}, 2^5\})$	876488286222581760
6	$\mathcal{O}(7; \{6^9, 3^{19}, 2\})$	7011906759965638656
6	$\mathcal{O}(7; \{6^{10}, 3^2, 2^{22}\})$	107045448155136
6	$\mathcal{O}(7; \{6^{10}, 3^5, 2^{18}\})$	855893400256512
6	$\mathcal{O}(7; \{6^{10}, 3^8, 2^{14}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^{10}, 3^{11}, 2^{10}\})$	54780468911308800

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{6^{10}, 3^{14}, 2^6\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{10}, 3^{17}, 2^2\})$	3505953301618655232
6	$\mathcal{O}(7; \{6^{11}, 2^{23}\})$	53444359913472
6	$\mathcal{O}(7; \{6^{11}, 3^3, 2^{19}\})$	428025064292352
6	$\mathcal{O}(7; \{6^{11}, 3^6, 2^{15}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^{11}, 3^9, 2^{11}\})$	27390312819818496
6	$\mathcal{O}(7; \{6^{11}, 3^{12}, 2^7\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{11}, 3^{15}, 2^3\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^{12}, 3, 2^{20}\})$	213934167982080
6	$\mathcal{O}(7; \{6^{12}, 3^4, 2^{16}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^{12}, 3^7, 2^{12}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^{12}, 3^{10}, 2^8\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{12}, 3^{13}, 2^4\})$	876488286222581760
6	$\mathcal{O}(7; \{6^{12}, 3^{16}\})$	7011906759965638656
6	$\mathcal{O}(7; \{6^{13}, 3^2, 2^{17}\})$	855893400256512
6	$\mathcal{O}(7; \{6^{13}, 3^5, 2^{13}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^{13}, 3^8, 2^9\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{13}, 3^{11}, 2^5\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{13}, 3^{14}, 2\})$	3505953301618655232
6	$\mathcal{O}(7; \{6^{14}, 2^{18}\})$	428025064292352
6	$\mathcal{O}(7; \{6^{14}, 3^3, 2^{14}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^{14}, 3^6, 2^{10}\})$	27390312819818496
6	$\mathcal{O}(7; \{6^{14}, 3^9, 2^6\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{14}, 3^{12}, 2^2\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^{15}, 3, 2^{15}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^{15}, 3^4, 2^{11}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^{15}, 3^7, 2^7\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{15}, 3^{10}, 2^3\})$	876488286222581760
6	$\mathcal{O}(7; \{6^{16}, 3^2, 2^{12}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^{16}, 3^5, 2^8\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{16}, 3^8, 2^4\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{16}, 3^{11}\})$	3505953301618655232
6	$\mathcal{O}(7; \{6^{17}, 2^{13}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^{17}, 3^3, 2^9\})$	27390312819818496
6	$\mathcal{O}(7; \{6^{17}, 3^6, 2^5\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{17}, 3^9, 2\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^{18}, 3, 2^{10}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^{18}, 3^4, 2^6\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{18}, 3^7, 2^2\})$	876488286222581760
6	$\mathcal{O}(7; \{6^{19}, 3^2, 2^7\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{19}, 3^5, 2^3\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{20}, 2^8\})$	27390312819818496
6	$\mathcal{O}(7; \{6^{20}, 3^3, 2^4\})$	219122032373563392

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{6^{20}, 3^6\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^{21}, 3, 2^5\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{21}, 3^4, 2\})$	876488286222581760
6	$\mathcal{O}(7; \{6^{22}, 3^2, 2^2\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{23}, 2^3\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{24}, 3\})$	876488286222581760
6	$\mathcal{O}(6; \{3^4, 2^{40}\})$	13060694016
6	$\mathcal{O}(6; \{3^7, 2^{36}\})$	91424858112
6	$\mathcal{O}(6; \{3^{10}, 2^{32}\})$	744459558912
6	$\mathcal{O}(6; \{3^{13}, 2^{28}\})$	5942615777280
6	$\mathcal{O}(6; \{3^{16}, 2^{24}\})$	47553986912256
6	$\mathcal{O}(6; \{3^{19}, 2^{20}\})$	380418834604032
6	$\mathcal{O}(6; \{3^{22}, 2^{16}\})$	3043363737526272
6	$\mathcal{O}(6; \{3^{25}, 2^{12}\})$	24346896839516160
6	$\mathcal{O}(6; \{3^{28}, 2^8\})$	194775187776823296
6	$\mathcal{O}(6; \{3^{31}, 2^4\})$	1558201489153892352
6	$\mathcal{O}(6; \{3^{34}\})$	12462568564005140490
6	$\mathcal{O}(6; \{6, 3^2, 2^{41}\})$	4353564672
6	$\mathcal{O}(6; \{6, 3^5, 2^{37}\})$	47889211392
6	$\mathcal{O}(6; \{6, 3^8, 2^{33}\})$	370052997120
6	$\mathcal{O}(6; \{6, 3^{11}, 2^{29}\})$	2973484670976
6	$\mathcal{O}(6; \{6, 3^{14}, 2^{25}\})$	23774816673792
6	$\mathcal{O}(6; \{6, 3^{17}, 2^{21}\})$	190211594084352
6	$\mathcal{O}(6; \{6, 3^{20}, 2^{17}\})$	1521679691980800
6	$\mathcal{O}(6; \{6, 3^{23}, 2^{13}\})$	12173450596540416
6	$\mathcal{O}(6; \{6, 3^{26}, 2^9\})$	97387591711629312
6	$\mathcal{O}(6; \{6, 3^{29}, 2^5\})$	779100746753728512
6	$\mathcal{O}(6; \{6, 3^{32}, 2\})$	6232805960969134080
6	$\mathcal{O}(6; \{6^2, 2^{42}\})$	4353564672
6	$\mathcal{O}(6; \{6^2, 3^3, 2^{38}\})$	21767823360
6	$\mathcal{O}(6; \{6^2, 3^6, 2^{34}\})$	187203280896
6	$\mathcal{O}(6; \{6^2, 3^9, 2^{30}\})$	1484565553152
6	$\mathcal{O}(6; \{6^2, 3^{12}, 2^{26}\})$	11889585119232
6	$\mathcal{O}(6; \{6^2, 3^{15}, 2^{22}\})$	95103620259840
6	$\mathcal{O}(6; \{6^2, 3^{18}, 2^{18}\})$	760842022772736
6	$\mathcal{O}(6; \{6^2, 3^{21}, 2^{14}\})$	6086723121487872
6	$\mathcal{O}(6; \{6^2, 3^{24}, 2^{10}\})$	48693798032596992
6	$\mathcal{O}(6; \{6^2, 3^{27}, 2^6\})$	389550371200081920
6	$\mathcal{O}(6; \{6^2, 3^{30}, 2^2\})$	3116402982661349376
6	$\mathcal{O}(6; \{6^3, 3, 2^{39}\})$	13060694016
6	$\mathcal{O}(6; \{6^3, 3^4, 2^{35}\})$	91424858112
6	$\mathcal{O}(6; \{6^3, 3^7, 2^{31}\})$	744459558912
6	$\mathcal{O}(6; \{6^3, 3^{10}, 2^{27}\})$	5942615777280

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{6^3, 3^{13}, 2^{23}\})$	47553986912256
6	$\mathcal{O}(6; \{6^3, 3^{16}, 2^{19}\})$	380418834604032
6	$\mathcal{O}(6; \{6^3, 3^{19}, 2^{15}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^3, 3^{22}, 2^{11}\})$	24346896839516160
6	$\mathcal{O}(6; \{6^3, 3^{25}, 2^7\})$	194775187776823296
6	$\mathcal{O}(6; \{6^3, 3^{28}, 2^3\})$	1558201489153892352
6	$\mathcal{O}(6; \{6^4, 3^2, 2^{36}\})$	47889211392
6	$\mathcal{O}(6; \{6^4, 3^5, 2^{32}\})$	370052997120
6	$\mathcal{O}(6; \{6^4, 3^8, 2^{28}\})$	2973484670976
6	$\mathcal{O}(6; \{6^4, 3^{11}, 2^{24}\})$	23774816673792
6	$\mathcal{O}(6; \{6^4, 3^{14}, 2^{20}\})$	190211594084352
6	$\mathcal{O}(6; \{6^4, 3^{17}, 2^{16}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^4, 3^{20}, 2^{12}\})$	12173450596540416
6	$\mathcal{O}(6; \{6^4, 3^{23}, 2^8\})$	97387591711629312
6	$\mathcal{O}(6; \{6^4, 3^{26}, 2^4\})$	779100746753728512
6	$\mathcal{O}(6; \{6^4, 3^{29}\})$	6232805960969134080
6	$\mathcal{O}(6; \{6^5, 2^{37}\})$	21767823360
6	$\mathcal{O}(6; \{6^5, 3^3, 2^{33}\})$	187203280896
6	$\mathcal{O}(6; \{6^5, 3^6, 2^{29}\})$	1484565553152
6	$\mathcal{O}(6; \{6^5, 3^9, 2^{25}\})$	11889585119232
6	$\mathcal{O}(6; \{6^5, 3^{12}, 2^{21}\})$	95103620259840
6	$\mathcal{O}(6; \{6^5, 3^{15}, 2^{17}\})$	760842022772736
6	$\mathcal{O}(6; \{6^5, 3^{18}, 2^{13}\})$	6086723121487872
6	$\mathcal{O}(6; \{6^5, 3^{21}, 2^9\})$	48693798032596992
6	$\mathcal{O}(6; \{6^5, 3^{24}, 2^5\})$	389550371200081920
6	$\mathcal{O}(6; \{6^5, 3^{27}, 2\})$	3116402982661349376
6	$\mathcal{O}(6; \{6^6, 3, 2^{34}\})$	91424858112
6	$\mathcal{O}(6; \{6^6, 3^4, 2^{30}\})$	744459558912
6	$\mathcal{O}(6; \{6^6, 3^7, 2^{26}\})$	5942615777280
6	$\mathcal{O}(6; \{6^6, 3^{10}, 2^{22}\})$	47553986912256
6	$\mathcal{O}(6; \{6^6, 3^{13}, 2^{18}\})$	380418834604032
6	$\mathcal{O}(6; \{6^6, 3^{16}, 2^{14}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^6, 3^{19}, 2^{10}\})$	24346896839516160
6	$\mathcal{O}(6; \{6^6, 3^{22}, 2^6\})$	194775187776823296
6	$\mathcal{O}(6; \{6^6, 3^{25}, 2^2\})$	1558201489153892352
6	$\mathcal{O}(6; \{6^7, 3^2, 2^{31}\})$	370052997120
6	$\mathcal{O}(6; \{6^7, 3^5, 2^{27}\})$	2973484670976
6	$\mathcal{O}(6; \{6^7, 3^8, 2^{23}\})$	23774816673792
6	$\mathcal{O}(6; \{6^7, 3^{11}, 2^{19}\})$	190211594084352
6	$\mathcal{O}(6; \{6^7, 3^{14}, 2^{15}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^7, 3^{17}, 2^{11}\})$	12173450596540416
6	$\mathcal{O}(6; \{6^7, 3^{20}, 2^7\})$	97387591711629312
6	$\mathcal{O}(6; \{6^7, 3^{23}, 2^3\})$	779100746753728512

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{6^8, 2^{32}\})$	187203280896
6	$\mathcal{O}(6; \{6^8, 3^3, 2^{28}\})$	1484565553152
6	$\mathcal{O}(6; \{6^8, 3^6, 2^{24}\})$	11889585119232
6	$\mathcal{O}(6; \{6^8, 3^9, 2^{20}\})$	95103620259840
6	$\mathcal{O}(6; \{6^8, 3^{12}, 2^{16}\})$	760842022772736
6	$\mathcal{O}(6; \{6^8, 3^{15}, 2^{12}\})$	6086723121487872
6	$\mathcal{O}(6; \{6^8, 3^{18}, 2^8\})$	48693798032596992
6	$\mathcal{O}(6; \{6^8, 3^{21}, 2^4\})$	389550371200081920
6	$\mathcal{O}(6; \{6^8, 3^{24}\})$	3116402982661349376
6	$\mathcal{O}(6; \{6^9, 3, 2^{29}\})$	744459558912
6	$\mathcal{O}(6; \{6^9, 3^4, 2^{25}\})$	5942615777280
6	$\mathcal{O}(6; \{6^9, 3^7, 2^{21}\})$	47553986912256
6	$\mathcal{O}(6; \{6^9, 3^{10}, 2^{17}\})$	380418834604032
6	$\mathcal{O}(6; \{6^9, 3^{13}, 2^{13}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^9, 3^{16}, 2^9\})$	24346896839516160
6	$\mathcal{O}(6; \{6^9, 3^{19}, 2^5\})$	194775187776823296
6	$\mathcal{O}(6; \{6^9, 3^{22}, 2\})$	1558201489153892352
6	$\mathcal{O}(6; \{6^{10}, 3^2, 2^{26}\})$	2973484670976
6	$\mathcal{O}(6; \{6^{10}, 3^5, 2^{22}\})$	23774816673792
6	$\mathcal{O}(6; \{6^{10}, 3^8, 2^{18}\})$	190211594084352
6	$\mathcal{O}(6; \{6^{10}, 3^{11}, 2^{14}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{10}, 3^{14}, 2^{10}\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{10}, 3^{17}, 2^6\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{10}, 3^{20}, 2^2\})$	779100746753728512
6	$\mathcal{O}(6; \{6^{11}, 2^{27}\})$	1484565553152
6	$\mathcal{O}(6; \{6^{11}, 3^3, 2^{23}\})$	11889585119232
6	$\mathcal{O}(6; \{6^{11}, 3^6, 2^{19}\})$	95103620259840
6	$\mathcal{O}(6; \{6^{11}, 3^9, 2^{15}\})$	760842022772736
6	$\mathcal{O}(6; \{6^{11}, 3^{12}, 2^{11}\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{11}, 3^{15}, 2^7\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{11}, 3^{18}, 2^3\})$	389550371200081920
6	$\mathcal{O}(6; \{6^{12}, 3, 2^{24}\})$	5942615777280
6	$\mathcal{O}(6; \{6^{12}, 3^4, 2^{20}\})$	47553986912256
6	$\mathcal{O}(6; \{6^{12}, 3^7, 2^{16}\})$	380418834604032
6	$\mathcal{O}(6; \{6^{12}, 3^{10}, 2^{12}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{12}, 3^{13}, 2^8\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{12}, 3^{16}, 2^4\})$	194775187776823296
6	$\mathcal{O}(6; \{6^{12}, 3^{19}\})$	1558201489153892352
6	$\mathcal{O}(6; \{6^{13}, 3^2, 2^{21}\})$	23774816673792
6	$\mathcal{O}(6; \{6^{13}, 3^5, 2^{17}\})$	190211594084352
6	$\mathcal{O}(6; \{6^{13}, 3^8, 2^{13}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{13}, 3^{11}, 2^9\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{13}, 3^{14}, 2^5\})$	97387591711629312

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{6^{13}, 3^{17}, 2\})$	779100746753728512
6	$\mathcal{O}(6; \{6^{14}, 2^{22}\})$	11889585119232
6	$\mathcal{O}(6; \{6^{14}, 3^3, 2^{18}\})$	95103620259840
6	$\mathcal{O}(6; \{6^{14}, 3^6, 2^{14}\})$	760842022772736
6	$\mathcal{O}(6; \{6^{14}, 3^9, 2^{10}\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{14}, 3^{12}, 2^6\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{14}, 3^{15}, 2^2\})$	389550371200081920
6	$\mathcal{O}(6; \{6^{15}, 3, 2^{19}\})$	47553986912256
6	$\mathcal{O}(6; \{6^{15}, 3^4, 2^{15}\})$	380418834604032
6	$\mathcal{O}(6; \{6^{15}, 3^7, 2^{11}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{15}, 3^{10}, 2^7\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{15}, 3^{13}, 2^3\})$	194775187776823296
6	$\mathcal{O}(6; \{6^{16}, 3^2, 2^{16}\})$	190211594084352
6	$\mathcal{O}(6; \{6^{16}, 3^5, 2^{12}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{16}, 3^8, 2^8\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{16}, 3^{11}, 2^4\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{16}, 3^{14}\})$	779100746753728512
6	$\mathcal{O}(6; \{6^{17}, 2^{17}\})$	95103620259840
6	$\mathcal{O}(6; \{6^{17}, 3^3, 2^{13}\})$	760842022772736
6	$\mathcal{O}(6; \{6^{17}, 3^6, 2^9\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{17}, 3^9, 2^5\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{17}, 3^{12}, 2\})$	389550371200081920
6	$\mathcal{O}(6; \{6^{18}, 3, 2^{14}\})$	380418834604032
6	$\mathcal{O}(6; \{6^{18}, 3^4, 2^{10}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{18}, 3^7, 2^6\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{18}, 3^{10}, 2^2\})$	194775187776823296
6	$\mathcal{O}(6; \{6^{19}, 3^2, 2^{11}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{19}, 3^5, 2^7\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{19}, 3^8, 2^3\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{20}, 2^{12}\})$	760842022772736
6	$\mathcal{O}(6; \{6^{20}, 3^3, 2^8\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{20}, 3^6, 2^4\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{20}, 3^9\})$	389550371200081920
6	$\mathcal{O}(6; \{6^{21}, 3, 2^9\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{21}, 3^4, 2^5\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{21}, 3^7, 2\})$	194775187776823296
6	$\mathcal{O}(6; \{6^{22}, 3^2, 2^6\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{22}, 3^5, 2^2\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{23}, 2^7\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{23}, 3^3, 2^3\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{24}, 3, 2^4\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{24}, 3^4\})$	194775187776823296
6	$\mathcal{O}(6; \{6^{25}, 3^2, 2\})$	97387591711629312

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{6^{26}, 2^2\})$	48693798032596992
6	$\mathcal{O}(5; \{3^4, 2^{44}\})$	362797056
6	$\mathcal{O}(5; \{3^7, 2^{40}\})$	2539579392
6	$\mathcal{O}(5; \{3^{10}, 2^{36}\})$	20679432192
6	$\mathcal{O}(5; \{3^{13}, 2^{32}\})$	165072660480
6	$\mathcal{O}(5; \{3^{16}, 2^{28}\})$	1320944080896
6	$\mathcal{O}(5; \{3^{19}, 2^{24}\})$	10567189850112
6	$\mathcal{O}(5; \{3^{22}, 2^{20}\})$	84537881597952
6	$\mathcal{O}(5; \{3^{25}, 2^{16}\})$	676302689986560
6	$\mathcal{O}(5; \{3^{28}, 2^{12}\})$	5410421882689536
6	$\mathcal{O}(5; \{3^{31}, 2^8\})$	43283374698719232
6	$\mathcal{O}(5; \{3^{34}, 2^4\})$	346266997952550912
6	$\mathcal{O}(5; \{3^{37}\})$	2767430772336460230
6	$\mathcal{O}(5; \{6, 3^2, 2^{45}\})$	120932352
6	$\mathcal{O}(5; \{6, 3^5, 2^{41}\})$	1330255872
6	$\mathcal{O}(5; \{6, 3^8, 2^{37}\})$	10279249920
6	$\mathcal{O}(5; \{6, 3^{11}, 2^{33}\})$	82596796416
6	$\mathcal{O}(5; \{6, 3^{14}, 2^{29}\})$	660411574272
6	$\mathcal{O}(5; \{6, 3^{17}, 2^{25}\})$	5283655391232
6	$\mathcal{O}(5; \{6, 3^{20}, 2^{21}\})$	42268880332800
6	$\mathcal{O}(5; \{6, 3^{23}, 2^{17}\})$	338151405459456
6	$\mathcal{O}(5; \{6, 3^{26}, 2^{13}\})$	2705210880878592
6	$\mathcal{O}(5; \{6, 3^{29}, 2^9\})$	21641687409825792
6	$\mathcal{O}(5; \{6, 3^{32}, 2^5\})$	173133498915809280
6	$\mathcal{O}(5; \{6, 3^{35}, 2\})$	1385067991689271296
6	$\mathcal{O}(5; \{6^2, 2^{46}\})$	120932352
6	$\mathcal{O}(5; \{6^2, 3^3, 2^{42}\})$	604661760
6	$\mathcal{O}(5; \{6^2, 3^6, 2^{38}\})$	5200091136
6	$\mathcal{O}(5; \{6^2, 3^9, 2^{34}\})$	41237932032
6	$\mathcal{O}(5; \{6^2, 3^{12}, 2^{30}\})$	330266253312
6	$\mathcal{O}(5; \{6^2, 3^{15}, 2^{26}\})$	2641767229440
6	$\mathcal{O}(5; \{6^2, 3^{18}, 2^{22}\})$	21134500632576
6	$\mathcal{O}(5; \{6^2, 3^{21}, 2^{18}\})$	169075642263552
6	$\mathcal{O}(5; \{6^2, 3^{24}, 2^{14}\})$	1352605500905472
6	$\mathcal{O}(5; \{6^2, 3^{27}, 2^{10}\})$	10820843644446720
6	$\mathcal{O}(5; \{6^2, 3^{30}, 2^6\})$	86566749518370816
6	$\mathcal{O}(5; \{6^2, 3^{33}, 2^2\})$	692533995784169472
6	$\mathcal{O}(5; \{6^3, 3, 2^{43}\})$	362797056
6	$\mathcal{O}(5; \{6^3, 3^4, 2^{39}\})$	2539579392
6	$\mathcal{O}(5; \{6^3, 3^7, 2^{35}\})$	20679432192
6	$\mathcal{O}(5; \{6^3, 3^{10}, 2^{31}\})$	165072660480
6	$\mathcal{O}(5; \{6^3, 3^{13}, 2^{27}\})$	1320944080896
6	$\mathcal{O}(5; \{6^3, 3^{16}, 2^{23}\})$	10567189850112

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6^3, 3^{19}, 2^{19}\})$	84537881597952
6	$\mathcal{O}(5; \{6^3, 3^{22}, 2^{15}\})$	676302689986560
6	$\mathcal{O}(5; \{6^3, 3^{25}, 2^{11}\})$	5410421882689536
6	$\mathcal{O}(5; \{6^3, 3^{28}, 2^7\})$	43283374698719232
6	$\mathcal{O}(5; \{6^3, 3^{31}, 2^3\})$	346266997952550912
6	$\mathcal{O}(5; \{6^4, 3^2, 2^{40}\})$	1330255872
6	$\mathcal{O}(5; \{6^4, 3^5, 2^{36}\})$	10279249920
6	$\mathcal{O}(5; \{6^4, 3^8, 2^{32}\})$	82596796416
6	$\mathcal{O}(5; \{6^4, 3^{11}, 2^{28}\})$	660411574272
6	$\mathcal{O}(5; \{6^4, 3^{14}, 2^{24}\})$	5283655391232
6	$\mathcal{O}(5; \{6^4, 3^{17}, 2^{20}\})$	42268880332800
6	$\mathcal{O}(5; \{6^4, 3^{20}, 2^{16}\})$	338151405459456
6	$\mathcal{O}(5; \{6^4, 3^{23}, 2^{12}\})$	2705210880878592
6	$\mathcal{O}(5; \{6^4, 3^{26}, 2^8\})$	21641687409825792
6	$\mathcal{O}(5; \{6^4, 3^{29}, 2^4\})$	173133498915809280
6	$\mathcal{O}(5; \{6^4, 3^{32}\})$	1385067991689271296
6	$\mathcal{O}(5; \{6^5, 2^{41}\})$	604661760
6	$\mathcal{O}(5; \{6^5, 3^3, 2^{37}\})$	5200091136
6	$\mathcal{O}(5; \{6^5, 3^6, 2^{33}\})$	41237932032
6	$\mathcal{O}(5; \{6^5, 3^9, 2^{29}\})$	330266253312
6	$\mathcal{O}(5; \{6^5, 3^{12}, 2^{25}\})$	2641767229440
6	$\mathcal{O}(5; \{6^5, 3^{15}, 2^{21}\})$	21134500632576
6	$\mathcal{O}(5; \{6^5, 3^{18}, 2^{17}\})$	169075642263552
6	$\mathcal{O}(5; \{6^5, 3^{21}, 2^{13}\})$	1352605500905472
6	$\mathcal{O}(5; \{6^5, 3^{24}, 2^9\})$	10820843644446720
6	$\mathcal{O}(5; \{6^5, 3^{27}, 2^5\})$	86566749518370816
6	$\mathcal{O}(5; \{6^5, 3^{30}, 2\})$	692533995784169472
6	$\mathcal{O}(5; \{6^6, 3, 2^{38}\})$	2539579392
6	$\mathcal{O}(5; \{6^6, 3^4, 2^{34}\})$	20679432192
6	$\mathcal{O}(5; \{6^6, 3^7, 2^{30}\})$	165072660480
6	$\mathcal{O}(5; \{6^6, 3^{10}, 2^{26}\})$	1320944080896
6	$\mathcal{O}(5; \{6^6, 3^{13}, 2^{22}\})$	10567189850112
6	$\mathcal{O}(5; \{6^6, 3^{16}, 2^{18}\})$	84537881597952
6	$\mathcal{O}(5; \{6^6, 3^{19}, 2^{14}\})$	676302689986560
6	$\mathcal{O}(5; \{6^6, 3^{22}, 2^{10}\})$	5410421882689536
6	$\mathcal{O}(5; \{6^6, 3^{25}, 2^6\})$	43283374698719232
6	$\mathcal{O}(5; \{6^6, 3^{28}, 2^2\})$	346266997952550912
6	$\mathcal{O}(5; \{6^7, 3^2, 2^{35}\})$	10279249920
6	$\mathcal{O}(5; \{6^7, 3^5, 2^{31}\})$	82596796416
6	$\mathcal{O}(5; \{6^7, 3^8, 2^{27}\})$	660411574272
6	$\mathcal{O}(5; \{6^7, 3^{11}, 2^{23}\})$	5283655391232
6	$\mathcal{O}(5; \{6^7, 3^{14}, 2^{19}\})$	42268880332800
6	$\mathcal{O}(5; \{6^7, 3^{17}, 2^{15}\})$	338151405459456

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6^7, 3^{20}, 2^{11}\})$	2705210880878592
6	$\mathcal{O}(5; \{6^7, 3^{23}, 2^7\})$	21641687409825792
6	$\mathcal{O}(5; \{6^7, 3^{26}, 2^3\})$	173133498915809280
6	$\mathcal{O}(5; \{6^8, 2^{36}\})$	5200091136
6	$\mathcal{O}(5; \{6^8, 3^3, 2^{32}\})$	41237932032
6	$\mathcal{O}(5; \{6^8, 3^6, 2^{28}\})$	330266253312
6	$\mathcal{O}(5; \{6^8, 3^9, 2^{24}\})$	2641767229440
6	$\mathcal{O}(5; \{6^8, 3^{12}, 2^{20}\})$	21134500632576
6	$\mathcal{O}(5; \{6^8, 3^{15}, 2^{16}\})$	169075642263552
6	$\mathcal{O}(5; \{6^8, 3^{18}, 2^{12}\})$	1352605500905472
6	$\mathcal{O}(5; \{6^8, 3^{21}, 2^8\})$	10820843644446720
6	$\mathcal{O}(5; \{6^8, 3^{24}, 2^4\})$	86566749518370816
6	$\mathcal{O}(5; \{6^8, 3^{27}\})$	692533995784169472
6	$\mathcal{O}(5; \{6^9, 3, 2^{33}\})$	20679432192
6	$\mathcal{O}(5; \{6^9, 3^4, 2^{29}\})$	165072660480
6	$\mathcal{O}(5; \{6^9, 3^7, 2^{25}\})$	1320944080896
6	$\mathcal{O}(5; \{6^9, 3^{10}, 2^{21}\})$	10567189850112
6	$\mathcal{O}(5; \{6^9, 3^{13}, 2^{17}\})$	84537881597952
6	$\mathcal{O}(5; \{6^9, 3^{16}, 2^{13}\})$	676302689986560
6	$\mathcal{O}(5; \{6^9, 3^{19}, 2^9\})$	5410421882689536
6	$\mathcal{O}(5; \{6^9, 3^{22}, 2^5\})$	43283374698719232
6	$\mathcal{O}(5; \{6^9, 3^{25}, 2\})$	346266997952550912
6	$\mathcal{O}(5; \{6^{10}, 3^2, 2^{30}\})$	82596796416
6	$\mathcal{O}(5; \{6^{10}, 3^5, 2^{26}\})$	660411574272
6	$\mathcal{O}(5; \{6^{10}, 3^8, 2^{22}\})$	5283655391232
6	$\mathcal{O}(5; \{6^{10}, 3^{11}, 2^{18}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{10}, 3^{14}, 2^{14}\})$	338151405459456
6	$\mathcal{O}(5; \{6^{10}, 3^{17}, 2^{10}\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{10}, 3^{20}, 2^6\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{10}, 3^{23}, 2^2\})$	173133498915809280
6	$\mathcal{O}(5; \{6^{11}, 2^{31}\})$	41237932032
6	$\mathcal{O}(5; \{6^{11}, 3^3, 2^{27}\})$	330266253312
6	$\mathcal{O}(5; \{6^{11}, 3^6, 2^{23}\})$	2641767229440
6	$\mathcal{O}(5; \{6^{11}, 3^9, 2^{19}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{11}, 3^{12}, 2^{15}\})$	169075642263552
6	$\mathcal{O}(5; \{6^{11}, 3^{15}, 2^{11}\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{11}, 3^{18}, 2^7\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{11}, 3^{21}, 2^3\})$	86566749518370816
6	$\mathcal{O}(5; \{6^{12}, 3, 2^{28}\})$	165072660480
6	$\mathcal{O}(5; \{6^{12}, 3^4, 2^{24}\})$	1320944080896
6	$\mathcal{O}(5; \{6^{12}, 3^7, 2^{20}\})$	10567189850112
6	$\mathcal{O}(5; \{6^{12}, 3^{10}, 2^{16}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{12}, 3^{13}, 2^{12}\})$	676302689986560

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6^{12}, 3^{16}, 2^8\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{12}, 3^{19}, 2^4\})$	43283374698719232
6	$\mathcal{O}(5; \{6^{12}, 3^{22}\})$	346266997952550912
6	$\mathcal{O}(5; \{6^{13}, 3^2, 2^{25}\})$	660411574272
6	$\mathcal{O}(5; \{6^{13}, 3^5, 2^{21}\})$	5283655391232
6	$\mathcal{O}(5; \{6^{13}, 3^8, 2^{17}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{13}, 3^{11}, 2^{13}\})$	338151405459456
6	$\mathcal{O}(5; \{6^{13}, 3^{14}, 2^9\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{13}, 3^{17}, 2^5\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{13}, 3^{20}, 2\})$	173133498915809280
6	$\mathcal{O}(5; \{6^{14}, 2^{26}\})$	330266253312
6	$\mathcal{O}(5; \{6^{14}, 3^3, 2^{22}\})$	2641767229440
6	$\mathcal{O}(5; \{6^{14}, 3^6, 2^{18}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{14}, 3^9, 2^{14}\})$	169075642263552
6	$\mathcal{O}(5; \{6^{14}, 3^{12}, 2^{10}\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{14}, 3^{15}, 2^6\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{14}, 3^{18}, 2^2\})$	86566749518370816
6	$\mathcal{O}(5; \{6^{15}, 3, 2^{23}\})$	1320944080896
6	$\mathcal{O}(5; \{6^{15}, 3^4, 2^{19}\})$	10567189850112
6	$\mathcal{O}(5; \{6^{15}, 3^7, 2^{15}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{15}, 3^{10}, 2^{11}\})$	676302689986560
6	$\mathcal{O}(5; \{6^{15}, 3^{13}, 2^7\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{15}, 3^{16}, 2^3\})$	43283374698719232
6	$\mathcal{O}(5; \{6^{16}, 3^2, 2^{20}\})$	5283655391232
6	$\mathcal{O}(5; \{6^{16}, 3^5, 2^{16}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{16}, 3^8, 2^{12}\})$	338151405459456
6	$\mathcal{O}(5; \{6^{16}, 3^{11}, 2^8\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{16}, 3^{14}, 2^4\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{16}, 3^{17}\})$	173133498915809280
6	$\mathcal{O}(5; \{6^{17}, 2^{21}\})$	2641767229440
6	$\mathcal{O}(5; \{6^{17}, 3^3, 2^{17}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{17}, 3^6, 2^{13}\})$	169075642263552
6	$\mathcal{O}(5; \{6^{17}, 3^9, 2^9\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{17}, 3^{12}, 2^5\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{17}, 3^{15}, 2\})$	86566749518370816
6	$\mathcal{O}(5; \{6^{18}, 3, 2^{18}\})$	10567189850112
6	$\mathcal{O}(5; \{6^{18}, 3^4, 2^{14}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{18}, 3^7, 2^{10}\})$	676302689986560
6	$\mathcal{O}(5; \{6^{18}, 3^{10}, 2^6\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{18}, 3^{13}, 2^2\})$	43283374698719232
6	$\mathcal{O}(5; \{6^{19}, 3^2, 2^{15}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{19}, 3^5, 2^{11}\})$	338151405459456
6	$\mathcal{O}(5; \{6^{19}, 3^8, 2^7\})$	2705210880878592

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6^{19}, 3^{11}, 2^3\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{20}, 2^{16}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{20}, 3^3, 2^{12}\})$	169075642263552
6	$\mathcal{O}(5; \{6^{20}, 3^6, 2^8\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{20}, 3^9, 2^4\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{20}, 3^{12}\})$	86566749518370816
6	$\mathcal{O}(5; \{6^{21}, 3, 2^{13}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{21}, 3^4, 2^9\})$	676302689986560
6	$\mathcal{O}(5; \{6^{21}, 3^7, 2^5\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{21}, 3^{10}, 2\})$	43283374698719232
6	$\mathcal{O}(5; \{6^{22}, 3^2, 2^{10}\})$	338151405459456
6	$\mathcal{O}(5; \{6^{22}, 3^5, 2^6\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{22}, 3^8, 2^2\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{23}, 2^{11}\})$	169075642263552
6	$\mathcal{O}(5; \{6^{23}, 3^3, 2^7\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{23}, 3^6, 2^3\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{24}, 3, 2^8\})$	676302689986560
6	$\mathcal{O}(5; \{6^{24}, 3^4, 2^4\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{24}, 3^7\})$	43283374698719232
6	$\mathcal{O}(5; \{6^{25}, 3^2, 2^5\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{25}, 3^5, 2\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{26}, 2^6\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{26}, 3^3, 2^2\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{27}, 3, 2^3\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{28}, 3^2\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{29}, 2\})$	10820843644446720
6	$\mathcal{O}(4; \{3^4, 2^{48}\})$	10077696
6	$\mathcal{O}(4; \{3^7, 2^{44}\})$	70543872
6	$\mathcal{O}(4; \{3^{10}, 2^{40}\})$	574428672
6	$\mathcal{O}(4; \{3^{13}, 2^{36}\})$	4585351680
6	$\mathcal{O}(4; \{3^{16}, 2^{32}\})$	36692891136
6	$\mathcal{O}(4; \{3^{19}, 2^{28}\})$	293533051392
6	$\mathcal{O}(4; \{3^{22}, 2^{24}\})$	2348274488832
6	$\mathcal{O}(4; \{3^{25}, 2^{20}\})$	18786185832960
6	$\mathcal{O}(4; \{3^{28}, 2^{16}\})$	150289496741376
6	$\mathcal{O}(4; \{3^{31}, 2^{12}\})$	1202315963853312
6	$\mathcal{O}(4; \{3^{34}, 2^8\})$	9618527720904192
6	$\mathcal{O}(4; \{3^{37}, 2^4\})$	76948221757155840
6	$\mathcal{O}(4; \{3^{40}\})$	613181142137373930
6	$\mathcal{O}(4; \{6, 3^2, 2^{49}\})$	3359232
6	$\mathcal{O}(4; \{6, 3^5, 2^{45}\})$	36951552
6	$\mathcal{O}(4; \{6, 3^8, 2^{41}\})$	285534720
6	$\mathcal{O}(4; \{6, 3^{11}, 2^{37}\})$	2294355456

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6, 3^{14}, 2^{33}\})$	18344765952
6	$\mathcal{O}(4; \{6, 3^{17}, 2^{29}\})$	146768205312
6	$\mathcal{O}(4; \{6, 3^{20}, 2^{25}\})$	1174135564800
6	$\mathcal{O}(4; \{6, 3^{23}, 2^{21}\})$	9393094596096
6	$\mathcal{O}(4; \{6, 3^{26}, 2^{17}\})$	75144746691072
6	$\mathcal{O}(4; \{6, 3^{29}, 2^{13}\})$	601157983606272
6	$\mathcal{O}(4; \{6, 3^{32}, 2^9\})$	4809263858772480
6	$\mathcal{O}(4; \{6, 3^{35}, 2^5\})$	38474110880257536
6	$\mathcal{O}(4; \{6, 3^{38}, 2\})$	307792887031982592
6	$\mathcal{O}(4; \{6^2, 2^{50}\})$	3359232
6	$\mathcal{O}(4; \{6^2, 3^3, 2^{46}\})$	16796160
6	$\mathcal{O}(4; \{6^2, 3^6, 2^{42}\})$	144446976
6	$\mathcal{O}(4; \{6^2, 3^9, 2^{38}\})$	1145498112
6	$\mathcal{O}(4; \{6^2, 3^{12}, 2^{34}\})$	9174062592
6	$\mathcal{O}(4; \{6^2, 3^{15}, 2^{30}\})$	73382423040
6	$\mathcal{O}(4; \{6^2, 3^{18}, 2^{26}\})$	587069462016
6	$\mathcal{O}(4; \{6^2, 3^{21}, 2^{22}\})$	4696545618432
6	$\mathcal{O}(4; \{6^2, 3^{24}, 2^{18}\})$	37572375025152
6	$\mathcal{O}(4; \{6^2, 3^{27}, 2^{14}\})$	300578990123520
6	$\mathcal{O}(4; \{6^2, 3^{30}, 2^{10}\})$	2404631931065856
6	$\mathcal{O}(4; \{6^2, 3^{33}, 2^6\})$	19237055438449152
6	$\mathcal{O}(4; \{6^2, 3^{36}, 2^2\})$	153896443517670912
6	$\mathcal{O}(4; \{6^3, 3, 2^{47}\})$	10077696
6	$\mathcal{O}(4; \{6^3, 3^4, 2^{43}\})$	70543872
6	$\mathcal{O}(4; \{6^3, 3^7, 2^{39}\})$	574428672
6	$\mathcal{O}(4; \{6^3, 3^{10}, 2^{35}\})$	4585351680
6	$\mathcal{O}(4; \{6^3, 3^{13}, 2^{31}\})$	36692891136
6	$\mathcal{O}(4; \{6^3, 3^{16}, 2^{27}\})$	293533051392
6	$\mathcal{O}(4; \{6^3, 3^{19}, 2^{23}\})$	2348274488832
6	$\mathcal{O}(4; \{6^3, 3^{22}, 2^{19}\})$	18786185832960
6	$\mathcal{O}(4; \{6^3, 3^{25}, 2^{15}\})$	150289496741376
6	$\mathcal{O}(4; \{6^3, 3^{28}, 2^{11}\})$	1202315963853312
6	$\mathcal{O}(4; \{6^3, 3^{31}, 2^7\})$	9618527720904192
6	$\mathcal{O}(4; \{6^3, 3^{34}, 2^3\})$	76948221757155840
6	$\mathcal{O}(4; \{6^4, 3^2, 2^{44}\})$	36951552
6	$\mathcal{O}(4; \{6^4, 3^5, 2^{40}\})$	285534720
6	$\mathcal{O}(4; \{6^4, 3^8, 2^{36}\})$	2294355456
6	$\mathcal{O}(4; \{6^4, 3^{11}, 2^{32}\})$	18344765952
6	$\mathcal{O}(4; \{6^4, 3^{14}, 2^{28}\})$	146768205312
6	$\mathcal{O}(4; \{6^4, 3^{17}, 2^{24}\})$	1174135564800
6	$\mathcal{O}(4; \{6^4, 3^{20}, 2^{20}\})$	9393094596096
6	$\mathcal{O}(4; \{6^4, 3^{23}, 2^{16}\})$	75144746691072
6	$\mathcal{O}(4; \{6^4, 3^{26}, 2^{12}\})$	601157983606272

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^4, 3^{29}, 2^8\})$	4809263858772480
6	$\mathcal{O}(4; \{6^4, 3^{32}, 2^4\})$	38474110880257536
6	$\mathcal{O}(4; \{6^4, 3^{35}\})$	307792887031982592
6	$\mathcal{O}(4; \{6^5, 2^{45}\})$	16796160
6	$\mathcal{O}(4; \{6^5, 3^3, 2^{41}\})$	144446976
6	$\mathcal{O}(4; \{6^5, 3^6, 2^{37}\})$	1145498112
6	$\mathcal{O}(4; \{6^5, 3^9, 2^{33}\})$	9174062592
6	$\mathcal{O}(4; \{6^5, 3^{12}, 2^{29}\})$	73382423040
6	$\mathcal{O}(4; \{6^5, 3^{15}, 2^{25}\})$	587069462016
6	$\mathcal{O}(4; \{6^5, 3^{18}, 2^{21}\})$	4696545618432
6	$\mathcal{O}(4; \{6^5, 3^{21}, 2^{17}\})$	37572375025152
6	$\mathcal{O}(4; \{6^5, 3^{24}, 2^{13}\})$	300578990123520
6	$\mathcal{O}(4; \{6^5, 3^{27}, 2^9\})$	2404631931065856
6	$\mathcal{O}(4; \{6^5, 3^{30}, 2^5\})$	19237055438449152
6	$\mathcal{O}(4; \{6^5, 3^{33}, 2\})$	153896443517670912
6	$\mathcal{O}(4; \{6^6, 3, 2^{42}\})$	70543872
6	$\mathcal{O}(4; \{6^6, 3^4, 2^{38}\})$	574428672
6	$\mathcal{O}(4; \{6^6, 3^7, 2^{34}\})$	4585351680
6	$\mathcal{O}(4; \{6^6, 3^{10}, 2^{30}\})$	36692891136
6	$\mathcal{O}(4; \{6^6, 3^{13}, 2^{26}\})$	293533051392
6	$\mathcal{O}(4; \{6^6, 3^{16}, 2^{22}\})$	2348274488832
6	$\mathcal{O}(4; \{6^6, 3^{19}, 2^{18}\})$	18786185832960
6	$\mathcal{O}(4; \{6^6, 3^{22}, 2^{14}\})$	150289496741376
6	$\mathcal{O}(4; \{6^6, 3^{25}, 2^{10}\})$	1202315963853312
6	$\mathcal{O}(4; \{6^6, 3^{28}, 2^6\})$	9618527720904192
6	$\mathcal{O}(4; \{6^6, 3^{31}, 2^2\})$	76948221757155840
6	$\mathcal{O}(4; \{6^7, 3^2, 2^{39}\})$	285534720
6	$\mathcal{O}(4; \{6^7, 3^5, 2^{35}\})$	2294355456
6	$\mathcal{O}(4; \{6^7, 3^8, 2^{31}\})$	18344765952
6	$\mathcal{O}(4; \{6^7, 3^{11}, 2^{27}\})$	146768205312
6	$\mathcal{O}(4; \{6^7, 3^{14}, 2^{23}\})$	1174135564800
6	$\mathcal{O}(4; \{6^7, 3^{17}, 2^{19}\})$	9393094596096
6	$\mathcal{O}(4; \{6^7, 3^{20}, 2^{15}\})$	75144746691072
6	$\mathcal{O}(4; \{6^7, 3^{23}, 2^{11}\})$	601157983606272
6	$\mathcal{O}(4; \{6^7, 3^{26}, 2^7\})$	4809263858772480
6	$\mathcal{O}(4; \{6^7, 3^{29}, 2^3\})$	38474110880257536
6	$\mathcal{O}(4; \{6^8, 2^{40}\})$	144446976
6	$\mathcal{O}(4; \{6^8, 3^3, 2^{36}\})$	1145498112
6	$\mathcal{O}(4; \{6^8, 3^6, 2^{32}\})$	9174062592
6	$\mathcal{O}(4; \{6^8, 3^9, 2^{28}\})$	73382423040
6	$\mathcal{O}(4; \{6^8, 3^{12}, 2^{24}\})$	587069462016
6	$\mathcal{O}(4; \{6^8, 3^{15}, 2^{20}\})$	4696545618432
6	$\mathcal{O}(4; \{6^8, 3^{18}, 2^{16}\})$	37572375025152

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^8, 3^{21}, 2^{12}\})$	300578990123520
6	$\mathcal{O}(4; \{6^8, 3^{24}, 2^8\})$	2404631931065856
6	$\mathcal{O}(4; \{6^8, 3^{27}, 2^4\})$	19237055438449152
6	$\mathcal{O}(4; \{6^8, 3^{30}\})$	153896443517670912
6	$\mathcal{O}(4; \{6^9, 3, 2^{37}\})$	574428672
6	$\mathcal{O}(4; \{6^9, 3^4, 2^{33}\})$	4585351680
6	$\mathcal{O}(4; \{6^9, 3^7, 2^{29}\})$	36692891136
6	$\mathcal{O}(4; \{6^9, 3^{10}, 2^{25}\})$	293533051392
6	$\mathcal{O}(4; \{6^9, 3^{13}, 2^{21}\})$	2348274488832
6	$\mathcal{O}(4; \{6^9, 3^{16}, 2^{17}\})$	18786185832960
6	$\mathcal{O}(4; \{6^9, 3^{19}, 2^{13}\})$	150289496741376
6	$\mathcal{O}(4; \{6^9, 3^{22}, 2^9\})$	1202315963853312
6	$\mathcal{O}(4; \{6^9, 3^{25}, 2^5\})$	9618527720904192
6	$\mathcal{O}(4; \{6^9, 3^{28}, 2\})$	76948221757155840
6	$\mathcal{O}(4; \{6^{10}, 3^2, 2^{34}\})$	2294355456
6	$\mathcal{O}(4; \{6^{10}, 3^5, 2^{30}\})$	18344765952
6	$\mathcal{O}(4; \{6^{10}, 3^8, 2^{26}\})$	146768205312
6	$\mathcal{O}(4; \{6^{10}, 3^{11}, 2^{22}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{10}, 3^{14}, 2^{18}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{10}, 3^{17}, 2^{14}\})$	75144746691072
6	$\mathcal{O}(4; \{6^{10}, 3^{20}, 2^{10}\})$	601157983606272
6	$\mathcal{O}(4; \{6^{10}, 3^{23}, 2^6\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{10}, 3^{26}, 2^2\})$	38474110880257536
6	$\mathcal{O}(4; \{6^{11}, 2^{35}\})$	1145498112
6	$\mathcal{O}(4; \{6^{11}, 3^3, 2^{31}\})$	9174062592
6	$\mathcal{O}(4; \{6^{11}, 3^6, 2^{27}\})$	73382423040
6	$\mathcal{O}(4; \{6^{11}, 3^9, 2^{23}\})$	587069462016
6	$\mathcal{O}(4; \{6^{11}, 3^{12}, 2^{19}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{11}, 3^{15}, 2^{15}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{11}, 3^{18}, 2^{11}\})$	300578990123520
6	$\mathcal{O}(4; \{6^{11}, 3^{21}, 2^7\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{11}, 3^{24}, 2^3\})$	19237055438449152
6	$\mathcal{O}(4; \{6^{12}, 3, 2^{32}\})$	4585351680
6	$\mathcal{O}(4; \{6^{12}, 3^4, 2^{28}\})$	36692891136
6	$\mathcal{O}(4; \{6^{12}, 3^7, 2^{24}\})$	293533051392
6	$\mathcal{O}(4; \{6^{12}, 3^{10}, 2^{20}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{12}, 3^{13}, 2^{16}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{12}, 3^{16}, 2^{12}\})$	150289496741376
6	$\mathcal{O}(4; \{6^{12}, 3^{19}, 2^8\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{12}, 3^{22}, 2^4\})$	9618527720904192
6	$\mathcal{O}(4; \{6^{12}, 3^{25}\})$	76948221757155840
6	$\mathcal{O}(4; \{6^{13}, 3^2, 2^{29}\})$	18344765952
6	$\mathcal{O}(4; \{6^{13}, 3^5, 2^{25}\})$	146768205312

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^{13}, 3^8, 2^{21}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{13}, 3^{11}, 2^{17}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{13}, 3^{14}, 2^{13}\})$	75144746691072
6	$\mathcal{O}(4; \{6^{13}, 3^{17}, 2^9\})$	601157983606272
6	$\mathcal{O}(4; \{6^{13}, 3^{20}, 2^5\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{13}, 3^{23}, 2\})$	38474110880257536
6	$\mathcal{O}(4; \{6^{14}, 2^{30}\})$	9174062592
6	$\mathcal{O}(4; \{6^{14}, 3^3, 2^{26}\})$	73382423040
6	$\mathcal{O}(4; \{6^{14}, 3^6, 2^{22}\})$	587069462016
6	$\mathcal{O}(4; \{6^{14}, 3^9, 2^{18}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{14}, 3^{12}, 2^{14}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{14}, 3^{15}, 2^{10}\})$	300578990123520
6	$\mathcal{O}(4; \{6^{14}, 3^{18}, 2^6\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{14}, 3^{21}, 2^2\})$	19237055438449152
6	$\mathcal{O}(4; \{6^{15}, 3, 2^{27}\})$	36692891136
6	$\mathcal{O}(4; \{6^{15}, 3^4, 2^{23}\})$	293533051392
6	$\mathcal{O}(4; \{6^{15}, 3^7, 2^{19}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{15}, 3^{10}, 2^{15}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{15}, 3^{13}, 2^{11}\})$	150289496741376
6	$\mathcal{O}(4; \{6^{15}, 3^{16}, 2^7\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{15}, 3^{19}, 2^3\})$	9618527720904192
6	$\mathcal{O}(4; \{6^{16}, 3^2, 2^{24}\})$	146768205312
6	$\mathcal{O}(4; \{6^{16}, 3^5, 2^{20}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{16}, 3^8, 2^{16}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{16}, 3^{11}, 2^{12}\})$	75144746691072
6	$\mathcal{O}(4; \{6^{16}, 3^{14}, 2^8\})$	601157983606272
6	$\mathcal{O}(4; \{6^{16}, 3^{17}, 2^4\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{16}, 3^{20}\})$	38474110880257536
6	$\mathcal{O}(4; \{6^{17}, 2^{25}\})$	73382423040
6	$\mathcal{O}(4; \{6^{17}, 3^3, 2^{21}\})$	587069462016
6	$\mathcal{O}(4; \{6^{17}, 3^6, 2^{17}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{17}, 3^9, 2^{13}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{17}, 3^{12}, 2^9\})$	300578990123520
6	$\mathcal{O}(4; \{6^{17}, 3^{15}, 2^5\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{17}, 3^{18}, 2\})$	19237055438449152
6	$\mathcal{O}(4; \{6^{18}, 3, 2^{22}\})$	293533051392
6	$\mathcal{O}(4; \{6^{18}, 3^4, 2^{18}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{18}, 3^7, 2^{14}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{18}, 3^{10}, 2^{10}\})$	150289496741376
6	$\mathcal{O}(4; \{6^{18}, 3^{13}, 2^6\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{18}, 3^{16}, 2^2\})$	9618527720904192
6	$\mathcal{O}(4; \{6^{19}, 3^2, 2^{19}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{19}, 3^5, 2^{15}\})$	9393094596096

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^{19}, 3^8, 2^{11}\})$	75144746691072
6	$\mathcal{O}(4; \{6^{19}, 3^{11}, 2^7\})$	601157983606272
6	$\mathcal{O}(4; \{6^{19}, 3^{14}, 2^3\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{20}, 2^{20}\})$	587069462016
6	$\mathcal{O}(4; \{6^{20}, 3^3, 2^{16}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{20}, 3^6, 2^{12}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{20}, 3^9, 2^8\})$	300578990123520
6	$\mathcal{O}(4; \{6^{20}, 3^{12}, 2^4\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{20}, 3^{15}\})$	19237055438449152
6	$\mathcal{O}(4; \{6^{21}, 3, 2^{17}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{21}, 3^4, 2^{13}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{21}, 3^7, 2^9\})$	150289496741376
6	$\mathcal{O}(4; \{6^{21}, 3^{10}, 2^5\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{21}, 3^{13}, 2\})$	9618527720904192
6	$\mathcal{O}(4; \{6^{22}, 3^2, 2^{14}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{22}, 3^5, 2^{10}\})$	75144746691072
6	$\mathcal{O}(4; \{6^{22}, 3^8, 2^6\})$	601157983606272
6	$\mathcal{O}(4; \{6^{22}, 3^{11}, 2^2\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{23}, 2^{15}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{23}, 3^3, 2^{11}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{23}, 3^6, 2^7\})$	300578990123520
6	$\mathcal{O}(4; \{6^{23}, 3^9, 2^3\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{24}, 3, 2^{12}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{24}, 3^4, 2^8\})$	150289496741376
6	$\mathcal{O}(4; \{6^{24}, 3^7, 2^4\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{24}, 3^{10}\})$	9618527720904192
6	$\mathcal{O}(4; \{6^{25}, 3^2, 2^9\})$	75144746691072
6	$\mathcal{O}(4; \{6^{25}, 3^5, 2^5\})$	601157983606272
6	$\mathcal{O}(4; \{6^{25}, 3^8, 2\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{26}, 2^{10}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{26}, 3^3, 2^6\})$	300578990123520
6	$\mathcal{O}(4; \{6^{26}, 3^6, 2^2\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{27}, 3, 2^7\})$	150289496741376
6	$\mathcal{O}(4; \{6^{27}, 3^4, 2^3\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{28}, 3^2, 2^4\})$	601157983606272
6	$\mathcal{O}(4; \{6^{28}, 3^5\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{29}, 2^5\})$	300578990123520
6	$\mathcal{O}(4; \{6^{29}, 3^3, 2\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{30}, 3, 2^2\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{32}\})$	2404631931065856
6	$\mathcal{O}(3; \{3^4, 2^{52}\})$	279936
6	$\mathcal{O}(3; \{3^7, 2^{48}\})$	1959552
6	$\mathcal{O}(3; \{3^{10}, 2^{44}\})$	15956352

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{3^{13}, 2^{40}\})$	127370880
6	$\mathcal{O}(3; \{3^{16}, 2^{36}\})$	1019246976
6	$\mathcal{O}(3; \{3^{19}, 2^{32}\})$	8153695872
6	$\mathcal{O}(3; \{3^{22}, 2^{28}\})$	65229846912
6	$\mathcal{O}(3; \{3^{25}, 2^{24}\})$	521838495360
6	$\mathcal{O}(3; \{3^{28}, 2^{20}\})$	4174708242816
6	$\mathcal{O}(3; \{3^{31}, 2^{16}\})$	33397665662592
6	$\mathcal{O}(3; \{3^{34}, 2^{12}\})$	267181325580672
6	$\mathcal{O}(3; \{3^{37}, 2^8\})$	2137450604365440
6	$\mathcal{O}(3; \{3^{40}, 2^4\})$	17099604835203456
6	$\mathcal{O}(3; \{3^{43}\})$	134659388076951654
6	$\mathcal{O}(3; \{6, 3^2, 2^{53}\})$	93312
6	$\mathcal{O}(3; \{6, 3^5, 2^{49}\})$	1026432
6	$\mathcal{O}(3; \{6, 3^8, 2^{45}\})$	7931520
6	$\mathcal{O}(3; \{6, 3^{11}, 2^{41}\})$	63732096
6	$\mathcal{O}(3; \{6, 3^{14}, 2^{37}\})$	509576832
6	$\mathcal{O}(3; \{6, 3^{17}, 2^{33}\})$	4076894592
6	$\mathcal{O}(3; \{6, 3^{20}, 2^{29}\})$	32614876800
6	$\mathcal{O}(3; \{6, 3^{23}, 2^{25}\})$	260919294336
6	$\mathcal{O}(3; \{6, 3^{26}, 2^{21}\})$	2087354074752
6	$\mathcal{O}(3; \{6, 3^{29}, 2^{17}\})$	16698832877952
6	$\mathcal{O}(3; \{6, 3^{32}, 2^{13}\})$	133590662743680
6	$\mathcal{O}(3; \{6, 3^{35}, 2^9\})$	1068725302229376
6	$\mathcal{O}(3; \{6, 3^{38}, 2^5\})$	8549802417555072
6	$\mathcal{O}(3; \{6, 3^{41}, 2\})$	68398419340720512
6	$\mathcal{O}(3; \{6^2, 2^{54}\})$	93312
6	$\mathcal{O}(3; \{6^2, 3^3, 2^{50}\})$	466560
6	$\mathcal{O}(3; \{6^2, 3^6, 2^{46}\})$	4012416
6	$\mathcal{O}(3; \{6^2, 3^9, 2^{42}\})$	31819392
6	$\mathcal{O}(3; \{6^2, 3^{12}, 2^{38}\})$	254835072
6	$\mathcal{O}(3; \{6^2, 3^{15}, 2^{34}\})$	2038400640
6	$\mathcal{O}(3; \{6^2, 3^{18}, 2^{30}\})$	16307485056
6	$\mathcal{O}(3; \{6^2, 3^{21}, 2^{26}\})$	130459600512
6	$\mathcal{O}(3; \{6^2, 3^{24}, 2^{22}\})$	1043677084032
6	$\mathcal{O}(3; \{6^2, 3^{27}, 2^{18}\})$	8349416392320
6	$\mathcal{O}(3; \{6^2, 3^{30}, 2^{14}\})$	66795331418496
6	$\mathcal{O}(3; \{6^2, 3^{33}, 2^{10}\})$	534362651068032
6	$\mathcal{O}(3; \{6^2, 3^{36}, 2^6\})$	4274901208824192
6	$\mathcal{O}(3; \{6^2, 3^{39}, 2^2\})$	34199209670313600
6	$\mathcal{O}(3; \{6^3, 3, 2^{51}\})$	279936
6	$\mathcal{O}(3; \{6^3, 3^4, 2^{47}\})$	1959552
6	$\mathcal{O}(3; \{6^3, 3^7, 2^{43}\})$	15956352
6	$\mathcal{O}(3; \{6^3, 3^{10}, 2^{39}\})$	127370880

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^3, 3^{13}, 2^{35}\})$	1019246976
6	$\mathcal{O}(3; \{6^3, 3^{16}, 2^{31}\})$	8153695872
6	$\mathcal{O}(3; \{6^3, 3^{19}, 2^{27}\})$	65229846912
6	$\mathcal{O}(3; \{6^3, 3^{22}, 2^{23}\})$	521838495360
6	$\mathcal{O}(3; \{6^3, 3^{25}, 2^{19}\})$	4174708242816
6	$\mathcal{O}(3; \{6^3, 3^{28}, 2^{15}\})$	33397665662592
6	$\mathcal{O}(3; \{6^3, 3^{31}, 2^{11}\})$	267181325580672
6	$\mathcal{O}(3; \{6^3, 3^{34}, 2^7\})$	2137450604365440
6	$\mathcal{O}(3; \{6^3, 3^{37}, 2^3\})$	17099604835203456
6	$\mathcal{O}(3; \{6^4, 3^2, 2^{48}\})$	1026432
6	$\mathcal{O}(3; \{6^4, 3^5, 2^{44}\})$	7931520
6	$\mathcal{O}(3; \{6^4, 3^8, 2^{40}\})$	63732096
6	$\mathcal{O}(3; \{6^4, 3^{11}, 2^{36}\})$	509576832
6	$\mathcal{O}(3; \{6^4, 3^{14}, 2^{32}\})$	4076894592
6	$\mathcal{O}(3; \{6^4, 3^{17}, 2^{28}\})$	32614876800
6	$\mathcal{O}(3; \{6^4, 3^{20}, 2^{24}\})$	260919294336
6	$\mathcal{O}(3; \{6^4, 3^{23}, 2^{20}\})$	2087354074752
6	$\mathcal{O}(3; \{6^4, 3^{26}, 2^{16}\})$	16698832877952
6	$\mathcal{O}(3; \{6^4, 3^{29}, 2^{12}\})$	133590662743680
6	$\mathcal{O}(3; \{6^4, 3^{32}, 2^8\})$	1068725302229376
6	$\mathcal{O}(3; \{6^4, 3^{35}, 2^4\})$	8549802417555072
6	$\mathcal{O}(3; \{6^4, 3^{38}\})$	68398419340720512
6	$\mathcal{O}(3; \{6^5, 2^{49}\})$	466560
6	$\mathcal{O}(3; \{6^5, 3^3, 2^{45}\})$	4012416
6	$\mathcal{O}(3; \{6^5, 3^6, 2^{41}\})$	31819392
6	$\mathcal{O}(3; \{6^5, 3^9, 2^{37}\})$	254835072
6	$\mathcal{O}(3; \{6^5, 3^{12}, 2^{33}\})$	2038400640
6	$\mathcal{O}(3; \{6^5, 3^{15}, 2^{29}\})$	16307485056
6	$\mathcal{O}(3; \{6^5, 3^{18}, 2^{25}\})$	130459600512
6	$\mathcal{O}(3; \{6^5, 3^{21}, 2^{21}\})$	1043677084032
6	$\mathcal{O}(3; \{6^5, 3^{24}, 2^{17}\})$	8349416392320
6	$\mathcal{O}(3; \{6^5, 3^{27}, 2^{13}\})$	66795331418496
6	$\mathcal{O}(3; \{6^5, 3^{30}, 2^9\})$	534362651068032
6	$\mathcal{O}(3; \{6^5, 3^{33}, 2^5\})$	4274901208824192
6	$\mathcal{O}(3; \{6^5, 3^{36}, 2\})$	34199209670313600
6	$\mathcal{O}(3; \{6^6, 3, 2^{46}\})$	1959552
6	$\mathcal{O}(3; \{6^6, 3^4, 2^{42}\})$	15956352
6	$\mathcal{O}(3; \{6^6, 3^7, 2^{38}\})$	127370880
6	$\mathcal{O}(3; \{6^6, 3^{10}, 2^{34}\})$	1019246976
6	$\mathcal{O}(3; \{6^6, 3^{13}, 2^{30}\})$	8153695872
6	$\mathcal{O}(3; \{6^6, 3^{16}, 2^{26}\})$	65229846912
6	$\mathcal{O}(3; \{6^6, 3^{19}, 2^{22}\})$	521838495360
6	$\mathcal{O}(3; \{6^6, 3^{22}, 2^{18}\})$	4174708242816

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^6, 3^{25}, 2^{14}\})$	33397665662592
6	$\mathcal{O}(3; \{6^6, 3^{28}, 2^{10}\})$	267181325580672
6	$\mathcal{O}(3; \{6^6, 3^{31}, 2^6\})$	2137450604365440
6	$\mathcal{O}(3; \{6^6, 3^{34}, 2^2\})$	17099604835203456
6	$\mathcal{O}(3; \{6^7, 3^2, 2^{43}\})$	7931520
6	$\mathcal{O}(3; \{6^7, 3^5, 2^{39}\})$	63732096
6	$\mathcal{O}(3; \{6^7, 3^8, 2^{35}\})$	509576832
6	$\mathcal{O}(3; \{6^7, 3^{11}, 2^{31}\})$	4076894592
6	$\mathcal{O}(3; \{6^7, 3^{14}, 2^{27}\})$	32614876800
6	$\mathcal{O}(3; \{6^7, 3^{17}, 2^{23}\})$	260919294336
6	$\mathcal{O}(3; \{6^7, 3^{20}, 2^{19}\})$	2087354074752
6	$\mathcal{O}(3; \{6^7, 3^{23}, 2^{15}\})$	16698832877952
6	$\mathcal{O}(3; \{6^7, 3^{26}, 2^{11}\})$	133590662743680
6	$\mathcal{O}(3; \{6^7, 3^{29}, 2^7\})$	1068725302229376
6	$\mathcal{O}(3; \{6^7, 3^{32}, 2^3\})$	8549802417555072
6	$\mathcal{O}(3; \{6^8, 2^{44}\})$	4012416
6	$\mathcal{O}(3; \{6^8, 3^3, 2^{40}\})$	31819392
6	$\mathcal{O}(3; \{6^8, 3^6, 2^{36}\})$	254835072
6	$\mathcal{O}(3; \{6^8, 3^9, 2^{32}\})$	2038400640
6	$\mathcal{O}(3; \{6^8, 3^{12}, 2^{28}\})$	16307485056
6	$\mathcal{O}(3; \{6^8, 3^{15}, 2^{24}\})$	130459600512
6	$\mathcal{O}(3; \{6^8, 3^{18}, 2^{20}\})$	1043677084032
6	$\mathcal{O}(3; \{6^8, 3^{21}, 2^{16}\})$	8349416392320
6	$\mathcal{O}(3; \{6^8, 3^{24}, 2^{12}\})$	66795331418496
6	$\mathcal{O}(3; \{6^8, 3^{27}, 2^8\})$	534362651068032
6	$\mathcal{O}(3; \{6^8, 3^{30}, 2^4\})$	4274901208824192
6	$\mathcal{O}(3; \{6^8, 3^{33}\})$	34199209670313600
6	$\mathcal{O}(3; \{6^9, 3, 2^{41}\})$	15956352
6	$\mathcal{O}(3; \{6^9, 3^4, 2^{37}\})$	127370880
6	$\mathcal{O}(3; \{6^9, 3^7, 2^{33}\})$	1019246976
6	$\mathcal{O}(3; \{6^9, 3^{10}, 2^{29}\})$	8153695872
6	$\mathcal{O}(3; \{6^9, 3^{13}, 2^{25}\})$	65229846912
6	$\mathcal{O}(3; \{6^9, 3^{16}, 2^{21}\})$	521838495360
6	$\mathcal{O}(3; \{6^9, 3^{19}, 2^{17}\})$	4174708242816
6	$\mathcal{O}(3; \{6^9, 3^{22}, 2^{13}\})$	33397665662592
6	$\mathcal{O}(3; \{6^9, 3^{25}, 2^9\})$	267181325580672
6	$\mathcal{O}(3; \{6^9, 3^{28}, 2^5\})$	2137450604365440
6	$\mathcal{O}(3; \{6^9, 3^{31}, 2\})$	17099604835203456
6	$\mathcal{O}(3; \{6^{10}, 3^2, 2^{38}\})$	63732096
6	$\mathcal{O}(3; \{6^{10}, 3^5, 2^{34}\})$	509576832
6	$\mathcal{O}(3; \{6^{10}, 3^8, 2^{30}\})$	4076894592
6	$\mathcal{O}(3; \{6^{10}, 3^{11}, 2^{26}\})$	32614876800
6	$\mathcal{O}(3; \{6^{10}, 3^{14}, 2^{22}\})$	260919294336

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^{10}, 3^{17}, 2^{18}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{10}, 3^{20}, 2^{14}\})$	16698832877952
6	$\mathcal{O}(3; \{6^{10}, 3^{23}, 2^{10}\})$	133590662743680
6	$\mathcal{O}(3; \{6^{10}, 3^{26}, 2^6\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{10}, 3^{29}, 2^2\})$	8549802417555072
6	$\mathcal{O}(3; \{6^{11}, 2^{39}\})$	31819392
6	$\mathcal{O}(3; \{6^{11}, 3^3, 2^{35}\})$	254835072
6	$\mathcal{O}(3; \{6^{11}, 3^6, 2^{31}\})$	2038400640
6	$\mathcal{O}(3; \{6^{11}, 3^9, 2^{27}\})$	16307485056
6	$\mathcal{O}(3; \{6^{11}, 3^{12}, 2^{23}\})$	130459600512
6	$\mathcal{O}(3; \{6^{11}, 3^{15}, 2^{19}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{11}, 3^{18}, 2^{15}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{11}, 3^{21}, 2^{11}\})$	66795331418496
6	$\mathcal{O}(3; \{6^{11}, 3^{24}, 2^7\})$	534362651068032
6	$\mathcal{O}(3; \{6^{11}, 3^{27}, 2^3\})$	4274901208824192
6	$\mathcal{O}(3; \{6^{12}, 3, 2^{36}\})$	127370880
6	$\mathcal{O}(3; \{6^{12}, 3^4, 2^{32}\})$	1019246976
6	$\mathcal{O}(3; \{6^{12}, 3^7, 2^{28}\})$	8153695872
6	$\mathcal{O}(3; \{6^{12}, 3^{10}, 2^{24}\})$	65229846912
6	$\mathcal{O}(3; \{6^{12}, 3^{13}, 2^{20}\})$	521838495360
6	$\mathcal{O}(3; \{6^{12}, 3^{16}, 2^{16}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{12}, 3^{19}, 2^{12}\})$	33397665662592
6	$\mathcal{O}(3; \{6^{12}, 3^{22}, 2^8\})$	267181325580672
6	$\mathcal{O}(3; \{6^{12}, 3^{25}, 2^4\})$	2137450604365440
6	$\mathcal{O}(3; \{6^{12}, 3^{28}\})$	17099604835203456
6	$\mathcal{O}(3; \{6^{13}, 3^2, 2^{33}\})$	509576832
6	$\mathcal{O}(3; \{6^{13}, 3^5, 2^{29}\})$	4076894592
6	$\mathcal{O}(3; \{6^{13}, 3^8, 2^{25}\})$	32614876800
6	$\mathcal{O}(3; \{6^{13}, 3^{11}, 2^{21}\})$	260919294336
6	$\mathcal{O}(3; \{6^{13}, 3^{14}, 2^{17}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{13}, 3^{17}, 2^{13}\})$	16698832877952
6	$\mathcal{O}(3; \{6^{13}, 3^{20}, 2^9\})$	133590662743680
6	$\mathcal{O}(3; \{6^{13}, 3^{23}, 2^5\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{13}, 3^{26}, 2\})$	8549802417555072
6	$\mathcal{O}(3; \{6^{14}, 2^{34}\})$	254835072
6	$\mathcal{O}(3; \{6^{14}, 3^3, 2^{30}\})$	2038400640
6	$\mathcal{O}(3; \{6^{14}, 3^6, 2^{26}\})$	16307485056
6	$\mathcal{O}(3; \{6^{14}, 3^9, 2^{22}\})$	130459600512
6	$\mathcal{O}(3; \{6^{14}, 3^{12}, 2^{18}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{14}, 3^{15}, 2^{14}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{14}, 3^{18}, 2^{10}\})$	66795331418496
6	$\mathcal{O}(3; \{6^{14}, 3^{21}, 2^6\})$	534362651068032
6	$\mathcal{O}(3; \{6^{14}, 3^{24}, 2^2\})$	4274901208824192

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^{15}, 3, 2^{31}\})$	1019246976
6	$\mathcal{O}(3; \{6^{15}, 3^4, 2^{27}\})$	8153695872
6	$\mathcal{O}(3; \{6^{15}, 3^7, 2^{23}\})$	65229846912
6	$\mathcal{O}(3; \{6^{15}, 3^{10}, 2^{19}\})$	521838495360
6	$\mathcal{O}(3; \{6^{15}, 3^{13}, 2^{15}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{15}, 3^{16}, 2^{11}\})$	33397665662592
6	$\mathcal{O}(3; \{6^{15}, 3^{19}, 2^7\})$	267181325580672
6	$\mathcal{O}(3; \{6^{15}, 3^{22}, 2^3\})$	2137450604365440
6	$\mathcal{O}(3; \{6^{16}, 3^2, 2^{28}\})$	4076894592
6	$\mathcal{O}(3; \{6^{16}, 3^5, 2^{24}\})$	32614876800
6	$\mathcal{O}(3; \{6^{16}, 3^8, 2^{20}\})$	260919294336
6	$\mathcal{O}(3; \{6^{16}, 3^{11}, 2^{16}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{16}, 3^{14}, 2^{12}\})$	16698832877952
6	$\mathcal{O}(3; \{6^{16}, 3^{17}, 2^8\})$	133590662743680
6	$\mathcal{O}(3; \{6^{16}, 3^{20}, 2^4\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{16}, 3^{23}\})$	8549802417555072
6	$\mathcal{O}(3; \{6^{17}, 2^{29}\})$	2038400640
6	$\mathcal{O}(3; \{6^{17}, 3^3, 2^{25}\})$	16307485056
6	$\mathcal{O}(3; \{6^{17}, 3^6, 2^{21}\})$	130459600512
6	$\mathcal{O}(3; \{6^{17}, 3^9, 2^{17}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{17}, 3^{12}, 2^{13}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{17}, 3^{15}, 2^9\})$	66795331418496
6	$\mathcal{O}(3; \{6^{17}, 3^{18}, 2^5\})$	534362651068032
6	$\mathcal{O}(3; \{6^{17}, 3^{21}, 2\})$	4274901208824192
6	$\mathcal{O}(3; \{6^{18}, 3, 2^{26}\})$	8153695872
6	$\mathcal{O}(3; \{6^{18}, 3^4, 2^{22}\})$	65229846912
6	$\mathcal{O}(3; \{6^{18}, 3^7, 2^{18}\})$	521838495360
6	$\mathcal{O}(3; \{6^{18}, 3^{10}, 2^{14}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{18}, 3^{13}, 2^{10}\})$	33397665662592
6	$\mathcal{O}(3; \{6^{18}, 3^{16}, 2^6\})$	267181325580672
6	$\mathcal{O}(3; \{6^{18}, 3^{19}, 2^2\})$	2137450604365440
6	$\mathcal{O}(3; \{6^{19}, 3^2, 2^{23}\})$	32614876800
6	$\mathcal{O}(3; \{6^{19}, 3^5, 2^{19}\})$	260919294336
6	$\mathcal{O}(3; \{6^{19}, 3^8, 2^{15}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{19}, 3^{11}, 2^{11}\})$	16698832877952
6	$\mathcal{O}(3; \{6^{19}, 3^{14}, 2^7\})$	133590662743680
6	$\mathcal{O}(3; \{6^{19}, 3^{17}, 2^3\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{20}, 2^{24}\})$	16307485056
6	$\mathcal{O}(3; \{6^{20}, 3^3, 2^{20}\})$	130459600512
6	$\mathcal{O}(3; \{6^{20}, 3^6, 2^{16}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{20}, 3^9, 2^{12}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{20}, 3^{12}, 2^8\})$	66795331418496
6	$\mathcal{O}(3; \{6^{20}, 3^{15}, 2^4\})$	534362651068032

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^{20}, 3^{18}\})$	4274901208824192
6	$\mathcal{O}(3; \{6^{21}, 3, 2^{21}\})$	65229846912
6	$\mathcal{O}(3; \{6^{21}, 3^4, 2^{17}\})$	521838495360
6	$\mathcal{O}(3; \{6^{21}, 3^7, 2^{13}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{21}, 3^{10}, 2^9\})$	33397665662592
6	$\mathcal{O}(3; \{6^{21}, 3^{13}, 2^5\})$	267181325580672
6	$\mathcal{O}(3; \{6^{21}, 3^{16}, 2\})$	2137450604365440
6	$\mathcal{O}(3; \{6^{22}, 3^2, 2^{18}\})$	260919294336
6	$\mathcal{O}(3; \{6^{22}, 3^5, 2^{14}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{22}, 3^8, 2^{10}\})$	16698832877952
6	$\mathcal{O}(3; \{6^{22}, 3^{11}, 2^6\})$	133590662743680
6	$\mathcal{O}(3; \{6^{22}, 3^{14}, 2^2\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{23}, 2^{19}\})$	130459600512
6	$\mathcal{O}(3; \{6^{23}, 3^3, 2^{15}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{23}, 3^6, 2^{11}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{23}, 3^9, 2^7\})$	66795331418496
6	$\mathcal{O}(3; \{6^{23}, 3^{12}, 2^3\})$	534362651068032
6	$\mathcal{O}(3; \{6^{24}, 3, 2^{16}\})$	521838495360
6	$\mathcal{O}(3; \{6^{24}, 3^4, 2^{12}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{24}, 3^7, 2^8\})$	33397665662592
6	$\mathcal{O}(3; \{6^{24}, 3^{10}, 2^4\})$	267181325580672
6	$\mathcal{O}(3; \{6^{24}, 3^{13}\})$	2137450604365440
6	$\mathcal{O}(3; \{6^{25}, 3^2, 2^{13}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{25}, 3^5, 2^9\})$	16698832877952
6	$\mathcal{O}(3; \{6^{25}, 3^8, 2^5\})$	133590662743680
6	$\mathcal{O}(3; \{6^{25}, 3^{11}, 2\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{26}, 2^{14}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{26}, 3^3, 2^{10}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{26}, 3^6, 2^6\})$	66795331418496
6	$\mathcal{O}(3; \{6^{26}, 3^9, 2^2\})$	534362651068032
6	$\mathcal{O}(3; \{6^{27}, 3, 2^{11}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{27}, 3^4, 2^7\})$	33397665662592
6	$\mathcal{O}(3; \{6^{27}, 3^7, 2^3\})$	267181325580672
6	$\mathcal{O}(3; \{6^{28}, 3^2, 2^8\})$	16698832877952
6	$\mathcal{O}(3; \{6^{28}, 3^5, 2^4\})$	133590662743680
6	$\mathcal{O}(3; \{6^{28}, 3^8\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{29}, 2^9\})$	8349416392320
6	$\mathcal{O}(3; \{6^{29}, 3^3, 2^5\})$	66795331418496
6	$\mathcal{O}(3; \{6^{29}, 3^6, 2\})$	534362651068032
6	$\mathcal{O}(3; \{6^{30}, 3, 2^6\})$	33397665662592
6	$\mathcal{O}(3; \{6^{30}, 3^4, 2^2\})$	267181325580672
6	$\mathcal{O}(3; \{6^{31}, 3^2, 2^3\})$	133590662743680
6	$\mathcal{O}(3; \{6^{32}, 2^4\})$	66795331418496

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^{32}, 3^3\})$	534362651068032
6	$\mathcal{O}(3; \{6^{33}, 3, 2\})$	267181325580672
6	$\mathcal{O}(2; \{3^4, 2^{56}\})$	7776
6	$\mathcal{O}(2; \{3^7, 2^{52}\})$	54432
6	$\mathcal{O}(2; \{3^{10}, 2^{48}\})$	443232
6	$\mathcal{O}(2; \{3^{13}, 2^{44}\})$	3538080
6	$\mathcal{O}(2; \{3^{16}, 2^{40}\})$	28312416
6	$\mathcal{O}(2; \{3^{19}, 2^{36}\})$	226491552
6	$\mathcal{O}(2; \{3^{22}, 2^{32}\})$	1811940192
6	$\mathcal{O}(2; \{3^{25}, 2^{28}\})$	14495513760
6	$\mathcal{O}(2; \{3^{28}, 2^{24}\})$	115964117856
6	$\mathcal{O}(2; \{3^{31}, 2^{20}\})$	927712935072
6	$\mathcal{O}(2; \{3^{34}, 2^{16}\})$	7421703488352
6	$\mathcal{O}(2; \{3^{37}, 2^{12}\})$	59373627899040
6	$\mathcal{O}(2; \{3^{40}, 2^8\})$	474989023200096
6	$\mathcal{O}(2; \{3^{43}, 2^4\})$	3799912185592992
6	$\mathcal{O}(2; \{3^{46}\})$	28499341391954730
6	$\mathcal{O}(2; \{6, 3^2, 2^{57}\})$	2592
6	$\mathcal{O}(2; \{6, 3^5, 2^{53}\})$	28512
6	$\mathcal{O}(2; \{6, 3^8, 2^{49}\})$	220320
6	$\mathcal{O}(2; \{6, 3^{11}, 2^{45}\})$	1770336
6	$\mathcal{O}(2; \{6, 3^{14}, 2^{41}\})$	14154912
6	$\mathcal{O}(2; \{6, 3^{17}, 2^{37}\})$	113247072
6	$\mathcal{O}(2; \{6, 3^{20}, 2^{33}\})$	905968800
6	$\mathcal{O}(2; \{6, 3^{23}, 2^{29}\})$	7247758176
6	$\mathcal{O}(2; \{6, 3^{26}, 2^{25}\})$	57982057632
6	$\mathcal{O}(2; \{6, 3^{29}, 2^{21}\})$	463856468832
6	$\mathcal{O}(2; \{6, 3^{32}, 2^{17}\})$	3710851742880
6	$\mathcal{O}(2; \{6, 3^{35}, 2^{13}\})$	29686813950816
6	$\mathcal{O}(2; \{6, 3^{38}, 2^9\})$	237494511598752
6	$\mathcal{O}(2; \{6, 3^{41}, 2^5\})$	1899956092797792
6	$\mathcal{O}(2; \{6, 3^{44}, 2\})$	15199648742374560
6	$\mathcal{O}(2; \{6^2, 2^{58}\})$	2592
6	$\mathcal{O}(2; \{6^2, 3^3, 2^{54}\})$	12960
6	$\mathcal{O}(2; \{6^2, 3^6, 2^{50}\})$	111456
6	$\mathcal{O}(2; \{6^2, 3^9, 2^{46}\})$	883872
6	$\mathcal{O}(2; \{6^2, 3^{12}, 2^{42}\})$	7078752
6	$\mathcal{O}(2; \{6^2, 3^{15}, 2^{38}\})$	56622240
6	$\mathcal{O}(2; \{6^2, 3^{18}, 2^{34}\})$	452985696
6	$\mathcal{O}(2; \{6^2, 3^{21}, 2^{30}\})$	3623877792
6	$\mathcal{O}(2; \{6^2, 3^{24}, 2^{26}\})$	28991030112
6	$\mathcal{O}(2; \{6^2, 3^{27}, 2^{22}\})$	231928233120
6	$\mathcal{O}(2; \{6^2, 3^{30}, 2^{18}\})$	1855425872736

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^2, 3^{33}, 2^{14}\})$	14843406974112
6	$\mathcal{O}(2; \{6^2, 3^{36}, 2^{10}\})$	118747255800672
6	$\mathcal{O}(2; \{6^2, 3^{39}, 2^6\})$	949978046397600
6	$\mathcal{O}(2; \{6^2, 3^{42}, 2^2\})$	7599824371188576
6	$\mathcal{O}(2; \{6^3, 3, 2^{55}\})$	7776
6	$\mathcal{O}(2; \{6^3, 3^4, 2^{51}\})$	54432
6	$\mathcal{O}(2; \{6^3, 3^7, 2^{47}\})$	443232
6	$\mathcal{O}(2; \{6^3, 3^{10}, 2^{43}\})$	3538080
6	$\mathcal{O}(2; \{6^3, 3^{13}, 2^{39}\})$	28312416
6	$\mathcal{O}(2; \{6^3, 3^{16}, 2^{35}\})$	226491552
6	$\mathcal{O}(2; \{6^3, 3^{19}, 2^{31}\})$	1811940192
6	$\mathcal{O}(2; \{6^3, 3^{22}, 2^{27}\})$	14495513760
6	$\mathcal{O}(2; \{6^3, 3^{25}, 2^{23}\})$	115964117856
6	$\mathcal{O}(2; \{6^3, 3^{28}, 2^{19}\})$	927712935072
6	$\mathcal{O}(2; \{6^3, 3^{31}, 2^{15}\})$	7421703488352
6	$\mathcal{O}(2; \{6^3, 3^{34}, 2^{11}\})$	59373627899040
6	$\mathcal{O}(2; \{6^3, 3^{37}, 2^7\})$	474989023200096
6	$\mathcal{O}(2; \{6^3, 3^{40}, 2^3\})$	3799912185592992
6	$\mathcal{O}(2; \{6^4, 3^2, 2^{52}\})$	28512
6	$\mathcal{O}(2; \{6^4, 3^5, 2^{48}\})$	220320
6	$\mathcal{O}(2; \{6^4, 3^8, 2^{44}\})$	1770336
6	$\mathcal{O}(2; \{6^4, 3^{11}, 2^{40}\})$	14154912
6	$\mathcal{O}(2; \{6^4, 3^{14}, 2^{36}\})$	113247072
6	$\mathcal{O}(2; \{6^4, 3^{17}, 2^{32}\})$	905968800
6	$\mathcal{O}(2; \{6^4, 3^{20}, 2^{28}\})$	7247758176
6	$\mathcal{O}(2; \{6^4, 3^{23}, 2^{24}\})$	57982057632
6	$\mathcal{O}(2; \{6^4, 3^{26}, 2^{20}\})$	463856468832
6	$\mathcal{O}(2; \{6^4, 3^{29}, 2^{16}\})$	3710851742880
6	$\mathcal{O}(2; \{6^4, 3^{32}, 2^{12}\})$	29686813950816
6	$\mathcal{O}(2; \{6^4, 3^{35}, 2^8\})$	237494511598752
6	$\mathcal{O}(2; \{6^4, 3^{38}, 2^4\})$	1899956092797792
6	$\mathcal{O}(2; \{6^4, 3^{41}\})$	15199648742374560
6	$\mathcal{O}(2; \{6^5, 2^{53}\})$	12960
6	$\mathcal{O}(2; \{6^5, 3^3, 2^{49}\})$	111456
6	$\mathcal{O}(2; \{6^5, 3^6, 2^{45}\})$	883872
6	$\mathcal{O}(2; \{6^5, 3^9, 2^{41}\})$	7078752
6	$\mathcal{O}(2; \{6^5, 3^{12}, 2^{37}\})$	56622240
6	$\mathcal{O}(2; \{6^5, 3^{15}, 2^{33}\})$	452985696
6	$\mathcal{O}(2; \{6^5, 3^{18}, 2^{29}\})$	3623877792
6	$\mathcal{O}(2; \{6^5, 3^{21}, 2^{25}\})$	28991030112
6	$\mathcal{O}(2; \{6^5, 3^{24}, 2^{21}\})$	231928233120
6	$\mathcal{O}(2; \{6^5, 3^{27}, 2^{17}\})$	1855425872736
6	$\mathcal{O}(2; \{6^5, 3^{30}, 2^{13}\})$	14843406974112

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^5, 3^{33}, 2^9\})$	118747255800672
6	$\mathcal{O}(2; \{6^5, 3^{36}, 2^5\})$	949978046397600
6	$\mathcal{O}(2; \{6^5, 3^{39}, 2\})$	7599824371188576
6	$\mathcal{O}(2; \{6^6, 3, 2^{50}\})$	54432
6	$\mathcal{O}(2; \{6^6, 3^4, 2^{46}\})$	443232
6	$\mathcal{O}(2; \{6^6, 3^7, 2^{42}\})$	3538080
6	$\mathcal{O}(2; \{6^6, 3^{10}, 2^{38}\})$	28312416
6	$\mathcal{O}(2; \{6^6, 3^{13}, 2^{34}\})$	226491552
6	$\mathcal{O}(2; \{6^6, 3^{16}, 2^{30}\})$	1811940192
6	$\mathcal{O}(2; \{6^6, 3^{19}, 2^{26}\})$	14495513760
6	$\mathcal{O}(2; \{6^6, 3^{22}, 2^{22}\})$	115964117856
6	$\mathcal{O}(2; \{6^6, 3^{25}, 2^{18}\})$	927712935072
6	$\mathcal{O}(2; \{6^6, 3^{28}, 2^{14}\})$	7421703488352
6	$\mathcal{O}(2; \{6^6, 3^{31}, 2^{10}\})$	59373627899040
6	$\mathcal{O}(2; \{6^6, 3^{34}, 2^6\})$	474989023200096
6	$\mathcal{O}(2; \{6^6, 3^{37}, 2^2\})$	3799912185592992
6	$\mathcal{O}(2; \{6^7, 3^2, 2^{47}\})$	220320
6	$\mathcal{O}(2; \{6^7, 3^5, 2^{43}\})$	1770336
6	$\mathcal{O}(2; \{6^7, 3^8, 2^{39}\})$	14154912
6	$\mathcal{O}(2; \{6^7, 3^{11}, 2^{35}\})$	113247072
6	$\mathcal{O}(2; \{6^7, 3^{14}, 2^{31}\})$	905968800
6	$\mathcal{O}(2; \{6^7, 3^{17}, 2^{27}\})$	7247758176
6	$\mathcal{O}(2; \{6^7, 3^{20}, 2^{23}\})$	57982057632
6	$\mathcal{O}(2; \{6^7, 3^{23}, 2^{19}\})$	463856468832
6	$\mathcal{O}(2; \{6^7, 3^{26}, 2^{15}\})$	3710851742880
6	$\mathcal{O}(2; \{6^7, 3^{29}, 2^{11}\})$	29686813950816
6	$\mathcal{O}(2; \{6^7, 3^{32}, 2^7\})$	237494511598752
6	$\mathcal{O}(2; \{6^7, 3^{35}, 2^3\})$	1899956092797792
6	$\mathcal{O}(2; \{6^8, 2^{48}\})$	111456
6	$\mathcal{O}(2; \{6^8, 3^3, 2^{44}\})$	883872
6	$\mathcal{O}(2; \{6^8, 3^6, 2^{40}\})$	7078752
6	$\mathcal{O}(2; \{6^8, 3^9, 2^{36}\})$	56622240
6	$\mathcal{O}(2; \{6^8, 3^{12}, 2^{32}\})$	452985696
6	$\mathcal{O}(2; \{6^8, 3^{15}, 2^{28}\})$	3623877792
6	$\mathcal{O}(2; \{6^8, 3^{18}, 2^{24}\})$	28991030112
6	$\mathcal{O}(2; \{6^8, 3^{21}, 2^{20}\})$	231928233120
6	$\mathcal{O}(2; \{6^8, 3^{24}, 2^{16}\})$	1855425872736
6	$\mathcal{O}(2; \{6^8, 3^{27}, 2^{12}\})$	14843406974112
6	$\mathcal{O}(2; \{6^8, 3^{30}, 2^8\})$	118747255800672
6	$\mathcal{O}(2; \{6^8, 3^{33}, 2^4\})$	949978046397600
6	$\mathcal{O}(2; \{6^8, 3^{36}\})$	7599824371188576
6	$\mathcal{O}(2; \{6^9, 3, 2^{45}\})$	443232
6	$\mathcal{O}(2; \{6^9, 3^4, 2^{41}\})$	3538080

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^9, 3^7, 2^{37}\})$	28312416
6	$\mathcal{O}(2; \{6^9, 3^{10}, 2^{33}\})$	226491552
6	$\mathcal{O}(2; \{6^9, 3^{13}, 2^{29}\})$	1811940192
6	$\mathcal{O}(2; \{6^9, 3^{16}, 2^{25}\})$	14495513760
6	$\mathcal{O}(2; \{6^9, 3^{19}, 2^{21}\})$	115964117856
6	$\mathcal{O}(2; \{6^9, 3^{22}, 2^{17}\})$	927712935072
6	$\mathcal{O}(2; \{6^9, 3^{25}, 2^{13}\})$	7421703488352
6	$\mathcal{O}(2; \{6^9, 3^{28}, 2^9\})$	59373627899040
6	$\mathcal{O}(2; \{6^9, 3^{31}, 2^5\})$	474989023200096
6	$\mathcal{O}(2; \{6^9, 3^{34}, 2\})$	3799912185592992
6	$\mathcal{O}(2; \{6^{10}, 3^2, 2^{42}\})$	1770336
6	$\mathcal{O}(2; \{6^{10}, 3^5, 2^{38}\})$	14154912
6	$\mathcal{O}(2; \{6^{10}, 3^8, 2^{34}\})$	113247072
6	$\mathcal{O}(2; \{6^{10}, 3^{11}, 2^{30}\})$	905968800
6	$\mathcal{O}(2; \{6^{10}, 3^{14}, 2^{26}\})$	7247758176
6	$\mathcal{O}(2; \{6^{10}, 3^{17}, 2^{22}\})$	57982057632
6	$\mathcal{O}(2; \{6^{10}, 3^{20}, 2^{18}\})$	463856468832
6	$\mathcal{O}(2; \{6^{10}, 3^{23}, 2^{14}\})$	3710851742880
6	$\mathcal{O}(2; \{6^{10}, 3^{26}, 2^{10}\})$	29686813950816
6	$\mathcal{O}(2; \{6^{10}, 3^{29}, 2^6\})$	237494511598752
6	$\mathcal{O}(2; \{6^{10}, 3^{32}, 2^2\})$	1899956092797792
6	$\mathcal{O}(2; \{6^{11}, 2^{43}\})$	883872
6	$\mathcal{O}(2; \{6^{11}, 3^3, 2^{39}\})$	7078752
6	$\mathcal{O}(2; \{6^{11}, 3^6, 2^{35}\})$	56622240
6	$\mathcal{O}(2; \{6^{11}, 3^9, 2^{31}\})$	452985696
6	$\mathcal{O}(2; \{6^{11}, 3^{12}, 2^{27}\})$	3623877792
6	$\mathcal{O}(2; \{6^{11}, 3^{15}, 2^{23}\})$	28991030112
6	$\mathcal{O}(2; \{6^{11}, 3^{18}, 2^{19}\})$	231928233120
6	$\mathcal{O}(2; \{6^{11}, 3^{21}, 2^{15}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{11}, 3^{24}, 2^{11}\})$	14843406974112
6	$\mathcal{O}(2; \{6^{11}, 3^{27}, 2^7\})$	118747255800672
6	$\mathcal{O}(2; \{6^{11}, 3^{30}, 2^3\})$	949978046397600
6	$\mathcal{O}(2; \{6^{12}, 3, 2^{40}\})$	3538080
6	$\mathcal{O}(2; \{6^{12}, 3^4, 2^{36}\})$	28312416
6	$\mathcal{O}(2; \{6^{12}, 3^7, 2^{32}\})$	226491552
6	$\mathcal{O}(2; \{6^{12}, 3^{10}, 2^{28}\})$	1811940192
6	$\mathcal{O}(2; \{6^{12}, 3^{13}, 2^{24}\})$	14495513760
6	$\mathcal{O}(2; \{6^{12}, 3^{16}, 2^{20}\})$	115964117856
6	$\mathcal{O}(2; \{6^{12}, 3^{19}, 2^{16}\})$	927712935072
6	$\mathcal{O}(2; \{6^{12}, 3^{22}, 2^{12}\})$	7421703488352
6	$\mathcal{O}(2; \{6^{12}, 3^{25}, 2^8\})$	59373627899040
6	$\mathcal{O}(2; \{6^{12}, 3^{28}, 2^4\})$	474989023200096
6	$\mathcal{O}(2; \{6^{12}, 3^{31}\})$	3799912185592992

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^{13}, 3^2, 2^{37}\})$	14154912
6	$\mathcal{O}(2; \{6^{13}, 3^5, 2^{33}\})$	113247072
6	$\mathcal{O}(2; \{6^{13}, 3^8, 2^{29}\})$	905968800
6	$\mathcal{O}(2; \{6^{13}, 3^{11}, 2^{25}\})$	7247758176
6	$\mathcal{O}(2; \{6^{13}, 3^{14}, 2^{21}\})$	57982057632
6	$\mathcal{O}(2; \{6^{13}, 3^{17}, 2^{17}\})$	463856468832
6	$\mathcal{O}(2; \{6^{13}, 3^{20}, 2^{13}\})$	3710851742880
6	$\mathcal{O}(2; \{6^{13}, 3^{23}, 2^9\})$	29686813950816
6	$\mathcal{O}(2; \{6^{13}, 3^{26}, 2^5\})$	237494511598752
6	$\mathcal{O}(2; \{6^{13}, 3^{29}, 2\})$	1899956092797792
6	$\mathcal{O}(2; \{6^{14}, 2^{38}\})$	7078752
6	$\mathcal{O}(2; \{6^{14}, 3^3, 2^{34}\})$	56622240
6	$\mathcal{O}(2; \{6^{14}, 3^6, 2^{30}\})$	452985696
6	$\mathcal{O}(2; \{6^{14}, 3^9, 2^{26}\})$	3623877792
6	$\mathcal{O}(2; \{6^{14}, 3^{12}, 2^{22}\})$	28991030112
6	$\mathcal{O}(2; \{6^{14}, 3^{15}, 2^{18}\})$	231928233120
6	$\mathcal{O}(2; \{6^{14}, 3^{18}, 2^{14}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{14}, 3^{21}, 2^{10}\})$	14843406974112
6	$\mathcal{O}(2; \{6^{14}, 3^{24}, 2^6\})$	118747255800672
6	$\mathcal{O}(2; \{6^{14}, 3^{27}, 2^2\})$	949978046397600
6	$\mathcal{O}(2; \{6^{15}, 3, 2^{35}\})$	28312416
6	$\mathcal{O}(2; \{6^{15}, 3^4, 2^{31}\})$	226491552
6	$\mathcal{O}(2; \{6^{15}, 3^7, 2^{27}\})$	1811940192
6	$\mathcal{O}(2; \{6^{15}, 3^{10}, 2^{23}\})$	14495513760
6	$\mathcal{O}(2; \{6^{15}, 3^{13}, 2^{19}\})$	115964117856
6	$\mathcal{O}(2; \{6^{15}, 3^{16}, 2^{15}\})$	927712935072
6	$\mathcal{O}(2; \{6^{15}, 3^{19}, 2^{11}\})$	7421703488352
6	$\mathcal{O}(2; \{6^{15}, 3^{22}, 2^7\})$	59373627899040
6	$\mathcal{O}(2; \{6^{15}, 3^{25}, 2^3\})$	474989023200096
6	$\mathcal{O}(2; \{6^{16}, 3^2, 2^{32}\})$	113247072
6	$\mathcal{O}(2; \{6^{16}, 3^5, 2^{28}\})$	905968800
6	$\mathcal{O}(2; \{6^{16}, 3^8, 2^{24}\})$	7247758176
6	$\mathcal{O}(2; \{6^{16}, 3^{11}, 2^{20}\})$	57982057632
6	$\mathcal{O}(2; \{6^{16}, 3^{14}, 2^{16}\})$	463856468832
6	$\mathcal{O}(2; \{6^{16}, 3^{17}, 2^{12}\})$	3710851742880
6	$\mathcal{O}(2; \{6^{16}, 3^{20}, 2^8\})$	29686813950816
6	$\mathcal{O}(2; \{6^{16}, 3^{23}, 2^4\})$	237494511598752
6	$\mathcal{O}(2; \{6^{16}, 3^{26}\})$	1899956092797792
6	$\mathcal{O}(2; \{6^{17}, 2^{33}\})$	56622240
6	$\mathcal{O}(2; \{6^{17}, 3^3, 2^{29}\})$	452985696
6	$\mathcal{O}(2; \{6^{17}, 3^6, 2^{25}\})$	3623877792
6	$\mathcal{O}(2; \{6^{17}, 3^9, 2^{21}\})$	28991030112
6	$\mathcal{O}(2; \{6^{17}, 3^{12}, 2^{17}\})$	231928233120

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^{17}, 3^{15}, 2^{13}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{17}, 3^{18}, 2^9\})$	14843406974112
6	$\mathcal{O}(2; \{6^{17}, 3^{21}, 2^5\})$	118747255800672
6	$\mathcal{O}(2; \{6^{17}, 3^{24}, 2\})$	949978046397600
6	$\mathcal{O}(2; \{6^{18}, 3, 2^{30}\})$	226491552
6	$\mathcal{O}(2; \{6^{18}, 3^4, 2^{26}\})$	1811940192
6	$\mathcal{O}(2; \{6^{18}, 3^7, 2^{22}\})$	14495513760
6	$\mathcal{O}(2; \{6^{18}, 3^{10}, 2^{18}\})$	115964117856
6	$\mathcal{O}(2; \{6^{18}, 3^{13}, 2^{14}\})$	927712935072
6	$\mathcal{O}(2; \{6^{18}, 3^{16}, 2^{10}\})$	7421703488352
6	$\mathcal{O}(2; \{6^{18}, 3^{19}, 2^6\})$	59373627899040
6	$\mathcal{O}(2; \{6^{18}, 3^{22}, 2^2\})$	474989023200096
6	$\mathcal{O}(2; \{6^{19}, 3^2, 2^{27}\})$	905968800
6	$\mathcal{O}(2; \{6^{19}, 3^5, 2^{23}\})$	7247758176
6	$\mathcal{O}(2; \{6^{19}, 3^8, 2^{19}\})$	57982057632
6	$\mathcal{O}(2; \{6^{19}, 3^{11}, 2^{15}\})$	463856468832
6	$\mathcal{O}(2; \{6^{19}, 3^{14}, 2^{11}\})$	3710851742880
6	$\mathcal{O}(2; \{6^{19}, 3^{17}, 2^7\})$	29686813950816
6	$\mathcal{O}(2; \{6^{19}, 3^{20}, 2^3\})$	237494511598752
6	$\mathcal{O}(2; \{6^{20}, 2^{28}\})$	452985696
6	$\mathcal{O}(2; \{6^{20}, 3^3, 2^{24}\})$	3623877792
6	$\mathcal{O}(2; \{6^{20}, 3^6, 2^{20}\})$	28991030112
6	$\mathcal{O}(2; \{6^{20}, 3^9, 2^{16}\})$	231928233120
6	$\mathcal{O}(2; \{6^{20}, 3^{12}, 2^{12}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{20}, 3^{15}, 2^8\})$	14843406974112
6	$\mathcal{O}(2; \{6^{20}, 3^{18}, 2^4\})$	118747255800672
6	$\mathcal{O}(2; \{6^{20}, 3^{21}\})$	949978046397600
6	$\mathcal{O}(2; \{6^{21}, 3, 2^{25}\})$	1811940192
6	$\mathcal{O}(2; \{6^{21}, 3^4, 2^{21}\})$	14495513760
6	$\mathcal{O}(2; \{6^{21}, 3^7, 2^{17}\})$	115964117856
6	$\mathcal{O}(2; \{6^{21}, 3^{10}, 2^{13}\})$	927712935072
6	$\mathcal{O}(2; \{6^{21}, 3^{13}, 2^9\})$	7421703488352
6	$\mathcal{O}(2; \{6^{21}, 3^{16}, 2^5\})$	59373627899040
6	$\mathcal{O}(2; \{6^{21}, 3^{19}, 2\})$	474989023200096
6	$\mathcal{O}(2; \{6^{22}, 3^2, 2^{22}\})$	7247758176
6	$\mathcal{O}(2; \{6^{22}, 3^5, 2^{18}\})$	57982057632
6	$\mathcal{O}(2; \{6^{22}, 3^8, 2^{14}\})$	463856468832
6	$\mathcal{O}(2; \{6^{22}, 3^{11}, 2^{10}\})$	3710851742880
6	$\mathcal{O}(2; \{6^{22}, 3^{14}, 2^6\})$	29686813950816
6	$\mathcal{O}(2; \{6^{22}, 3^{17}, 2^2\})$	237494511598752
6	$\mathcal{O}(2; \{6^{23}, 2^{23}\})$	3623877792
6	$\mathcal{O}(2; \{6^{23}, 3^3, 2^{19}\})$	28991030112
6	$\mathcal{O}(2; \{6^{23}, 3^6, 2^{15}\})$	231928233120

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^{23}, 3^9, 2^{11}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{23}, 3^{12}, 2^7\})$	14843406974112
6	$\mathcal{O}(2; \{6^{23}, 3^{15}, 2^3\})$	118747255800672
6	$\mathcal{O}(2; \{6^{24}, 3, 2^{20}\})$	14495513760
6	$\mathcal{O}(2; \{6^{24}, 3^4, 2^{16}\})$	115964117856
6	$\mathcal{O}(2; \{6^{24}, 3^7, 2^{12}\})$	927712935072
6	$\mathcal{O}(2; \{6^{24}, 3^{10}, 2^8\})$	7421703488352
6	$\mathcal{O}(2; \{6^{24}, 3^{13}, 2^4\})$	59373627899040
6	$\mathcal{O}(2; \{6^{24}, 3^{16}\})$	474989023200096
6	$\mathcal{O}(2; \{6^{25}, 3^2, 2^{17}\})$	57982057632
6	$\mathcal{O}(2; \{6^{25}, 3^5, 2^{13}\})$	463856468832
6	$\mathcal{O}(2; \{6^{25}, 3^8, 2^9\})$	3710851742880
6	$\mathcal{O}(2; \{6^{25}, 3^{11}, 2^5\})$	29686813950816
6	$\mathcal{O}(2; \{6^{25}, 3^{14}, 2\})$	237494511598752
6	$\mathcal{O}(2; \{6^{26}, 2^{18}\})$	28991030112
6	$\mathcal{O}(2; \{6^{26}, 3^3, 2^{14}\})$	231928233120
6	$\mathcal{O}(2; \{6^{26}, 3^6, 2^{10}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{26}, 3^9, 2^6\})$	14843406974112
6	$\mathcal{O}(2; \{6^{26}, 3^{12}, 2^2\})$	118747255800672
6	$\mathcal{O}(2; \{6^{27}, 3, 2^{15}\})$	115964117856
6	$\mathcal{O}(2; \{6^{27}, 3^4, 2^{11}\})$	927712935072
6	$\mathcal{O}(2; \{6^{27}, 3^7, 2^7\})$	7421703488352
6	$\mathcal{O}(2; \{6^{27}, 3^{10}, 2^3\})$	59373627899040
6	$\mathcal{O}(2; \{6^{28}, 3^2, 2^{12}\})$	463856468832
6	$\mathcal{O}(2; \{6^{28}, 3^5, 2^8\})$	3710851742880
6	$\mathcal{O}(2; \{6^{28}, 3^8, 2^4\})$	29686813950816
6	$\mathcal{O}(2; \{6^{28}, 3^{11}\})$	237494511598752
6	$\mathcal{O}(2; \{6^{29}, 2^{13}\})$	231928233120
6	$\mathcal{O}(2; \{6^{29}, 3^3, 2^9\})$	1855425872736
6	$\mathcal{O}(2; \{6^{29}, 3^6, 2^5\})$	14843406974112
6	$\mathcal{O}(2; \{6^{29}, 3^9, 2\})$	118747255800672
6	$\mathcal{O}(2; \{6^{30}, 3, 2^{10}\})$	927712935072
6	$\mathcal{O}(2; \{6^{30}, 3^4, 2^6\})$	7421703488352
6	$\mathcal{O}(2; \{6^{30}, 3^7, 2^2\})$	59373627899040
6	$\mathcal{O}(2; \{6^{31}, 3^2, 2^7\})$	3710851742880
6	$\mathcal{O}(2; \{6^{31}, 3^5, 2^3\})$	29686813950816
6	$\mathcal{O}(2; \{6^{32}, 2^8\})$	1855425872736
6	$\mathcal{O}(2; \{6^{32}, 3^3, 2^4\})$	14843406974112
6	$\mathcal{O}(2; \{6^{32}, 3^6\})$	118747255800672
6	$\mathcal{O}(2; \{6^{33}, 3, 2^5\})$	7421703488352
6	$\mathcal{O}(2; \{6^{33}, 3^4, 2\})$	59373627899040
6	$\mathcal{O}(2; \{6^{34}, 3^2, 2^2\})$	29686813950816
6	$\mathcal{O}(2; \{6^{35}, 2^3\})$	14843406974112

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^{36}, 3\})$	59373627899040
6	$\mathcal{O}(1; \{3^4, 2^{60}\})$	216
6	$\mathcal{O}(1; \{3^7, 2^{56}\})$	1512
6	$\mathcal{O}(1; \{3^{10}, 2^{52}\})$	12312
6	$\mathcal{O}(1; \{3^{13}, 2^{48}\})$	98280
6	$\mathcal{O}(1; \{3^{16}, 2^{44}\})$	786456
6	$\mathcal{O}(1; \{3^{19}, 2^{40}\})$	6291432
6	$\mathcal{O}(1; \{3^{22}, 2^{36}\})$	50331672
6	$\mathcal{O}(1; \{3^{25}, 2^{32}\})$	402653160
6	$\mathcal{O}(1; \{3^{28}, 2^{28}\})$	3221225496
6	$\mathcal{O}(1; \{3^{31}, 2^{24}\})$	25769803752
6	$\mathcal{O}(1; \{3^{34}, 2^{20}\})$	206158430232
6	$\mathcal{O}(1; \{3^{37}, 2^{16}\})$	1649267441640
6	$\mathcal{O}(1; \{3^{40}, 2^{12}\})$	13194139533336
6	$\mathcal{O}(1; \{3^{43}, 2^8\})$	105553116266472
6	$\mathcal{O}(1; \{3^{46}, 2^4\})$	844424930131992
6	$\mathcal{O}(1; \{3^{49}\})$	5066549580791790
6	$\mathcal{O}(1; \{6, 3^2, 2^{61}\})$	72
6	$\mathcal{O}(1; \{6, 3^5, 2^{57}\})$	792
6	$\mathcal{O}(1; \{6, 3^8, 2^{53}\})$	6120
6	$\mathcal{O}(1; \{6, 3^{11}, 2^{49}\})$	49176
6	$\mathcal{O}(1; \{6, 3^{14}, 2^{45}\})$	393192
6	$\mathcal{O}(1; \{6, 3^{17}, 2^{41}\})$	3145752
6	$\mathcal{O}(1; \{6, 3^{20}, 2^{37}\})$	25165800
6	$\mathcal{O}(1; \{6, 3^{23}, 2^{33}\})$	201326616
6	$\mathcal{O}(1; \{6, 3^{26}, 2^{29}\})$	1610612712
6	$\mathcal{O}(1; \{6, 3^{29}, 2^{25}\})$	12884901912
6	$\mathcal{O}(1; \{6, 3^{32}, 2^{21}\})$	103079215080
6	$\mathcal{O}(1; \{6, 3^{35}, 2^{17}\})$	824633720856
6	$\mathcal{O}(1; \{6, 3^{38}, 2^{13}\})$	6597069766632
6	$\mathcal{O}(1; \{6, 3^{41}, 2^9\})$	52776558133272
6	$\mathcal{O}(1; \{6, 3^{44}, 2^5\})$	422212465065960
6	$\mathcal{O}(1; \{6, 3^{47}, 2\})$	3377699720527896
6	$\mathcal{O}(1; \{6^2, 2^{62}\})$	72
6	$\mathcal{O}(1; \{6^2, 3^3, 2^{58}\})$	360
6	$\mathcal{O}(1; \{6^2, 3^6, 2^{54}\})$	3096
6	$\mathcal{O}(1; \{6^2, 3^9, 2^{50}\})$	24552
6	$\mathcal{O}(1; \{6^2, 3^{12}, 2^{46}\})$	196632
6	$\mathcal{O}(1; \{6^2, 3^{15}, 2^{42}\})$	1572840
6	$\mathcal{O}(1; \{6^2, 3^{18}, 2^{38}\})$	12582936
6	$\mathcal{O}(1; \{6^2, 3^{21}, 2^{34}\})$	100663272
6	$\mathcal{O}(1; \{6^2, 3^{24}, 2^{30}\})$	805306392
6	$\mathcal{O}(1; \{6^2, 3^{27}, 2^{26}\})$	6442450920

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^2, 3^{30}, 2^{22}\})$	51539607576
6	$\mathcal{O}(1; \{6^2, 3^{33}, 2^{18}\})$	412316860392
6	$\mathcal{O}(1; \{6^2, 3^{36}, 2^{14}\})$	3298534883352
6	$\mathcal{O}(1; \{6^2, 3^{39}, 2^{10}\})$	26388279066600
6	$\mathcal{O}(1; \{6^2, 3^{42}, 2^6\})$	211106232533016
6	$\mathcal{O}(1; \{6^2, 3^{45}, 2^2\})$	1688849860263912
6	$\mathcal{O}(1; \{6^3, 3, 2^{59}\})$	216
6	$\mathcal{O}(1; \{6^3, 3^4, 2^{55}\})$	1512
6	$\mathcal{O}(1; \{6^3, 3^7, 2^{51}\})$	12312
6	$\mathcal{O}(1; \{6^3, 3^{10}, 2^{47}\})$	98280
6	$\mathcal{O}(1; \{6^3, 3^{13}, 2^{43}\})$	786456
6	$\mathcal{O}(1; \{6^3, 3^{16}, 2^{39}\})$	6291432
6	$\mathcal{O}(1; \{6^3, 3^{19}, 2^{35}\})$	50331672
6	$\mathcal{O}(1; \{6^3, 3^{22}, 2^{31}\})$	402653160
6	$\mathcal{O}(1; \{6^3, 3^{25}, 2^{27}\})$	3221225496
6	$\mathcal{O}(1; \{6^3, 3^{28}, 2^{23}\})$	25769803752
6	$\mathcal{O}(1; \{6^3, 3^{31}, 2^{19}\})$	206158430232
6	$\mathcal{O}(1; \{6^3, 3^{34}, 2^{15}\})$	1649267441640
6	$\mathcal{O}(1; \{6^3, 3^{37}, 2^{11}\})$	13194139533336
6	$\mathcal{O}(1; \{6^3, 3^{40}, 2^7\})$	105553116266472
6	$\mathcal{O}(1; \{6^3, 3^{43}, 2^3\})$	844424930131992
6	$\mathcal{O}(1; \{6^4, 3^2, 2^{56}\})$	792
6	$\mathcal{O}(1; \{6^4, 3^5, 2^{52}\})$	6120
6	$\mathcal{O}(1; \{6^4, 3^8, 2^{48}\})$	49176
6	$\mathcal{O}(1; \{6^4, 3^{11}, 2^{44}\})$	393192
6	$\mathcal{O}(1; \{6^4, 3^{14}, 2^{40}\})$	3145752
6	$\mathcal{O}(1; \{6^4, 3^{17}, 2^{36}\})$	25165800
6	$\mathcal{O}(1; \{6^4, 3^{20}, 2^{32}\})$	201326616
6	$\mathcal{O}(1; \{6^4, 3^{23}, 2^{28}\})$	1610612712
6	$\mathcal{O}(1; \{6^4, 3^{26}, 2^{24}\})$	12884901912
6	$\mathcal{O}(1; \{6^4, 3^{29}, 2^{20}\})$	103079215080
6	$\mathcal{O}(1; \{6^4, 3^{32}, 2^{16}\})$	824633720856
6	$\mathcal{O}(1; \{6^4, 3^{35}, 2^{12}\})$	6597069766632
6	$\mathcal{O}(1; \{6^4, 3^{38}, 2^8\})$	52776558133272
6	$\mathcal{O}(1; \{6^4, 3^{41}, 2^4\})$	422212465065960
6	$\mathcal{O}(1; \{6^4, 3^{44}\})$	3377699720527896
6	$\mathcal{O}(1; \{6^5, 2^{57}\})$	360
6	$\mathcal{O}(1; \{6^5, 3^3, 2^{53}\})$	3096
6	$\mathcal{O}(1; \{6^5, 3^6, 2^{49}\})$	24552
6	$\mathcal{O}(1; \{6^5, 3^9, 2^{45}\})$	196632
6	$\mathcal{O}(1; \{6^5, 3^{12}, 2^{41}\})$	1572840
6	$\mathcal{O}(1; \{6^5, 3^{15}, 2^{37}\})$	12582936
6	$\mathcal{O}(1; \{6^5, 3^{18}, 2^{33}\})$	100663272

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^5, 3^{21}, 2^{29}\})$	805306392
6	$\mathcal{O}(1; \{6^5, 3^{24}, 2^{25}\})$	6442450920
6	$\mathcal{O}(1; \{6^5, 3^{27}, 2^{21}\})$	51539607576
6	$\mathcal{O}(1; \{6^5, 3^{30}, 2^{17}\})$	412316860392
6	$\mathcal{O}(1; \{6^5, 3^{33}, 2^{13}\})$	3298534883352
6	$\mathcal{O}(1; \{6^5, 3^{36}, 2^9\})$	26388279066600
6	$\mathcal{O}(1; \{6^5, 3^{39}, 2^5\})$	211106232533016
6	$\mathcal{O}(1; \{6^5, 3^{42}, 2\})$	1688849860263912
6	$\mathcal{O}(1; \{6^6, 3, 2^{54}\})$	1512
6	$\mathcal{O}(1; \{6^6, 3^4, 2^{50}\})$	12312
6	$\mathcal{O}(1; \{6^6, 3^7, 2^{46}\})$	98280
6	$\mathcal{O}(1; \{6^6, 3^{10}, 2^{42}\})$	786456
6	$\mathcal{O}(1; \{6^6, 3^{13}, 2^{38}\})$	6291432
6	$\mathcal{O}(1; \{6^6, 3^{16}, 2^{34}\})$	50331672
6	$\mathcal{O}(1; \{6^6, 3^{19}, 2^{30}\})$	402653160
6	$\mathcal{O}(1; \{6^6, 3^{22}, 2^{26}\})$	3221225496
6	$\mathcal{O}(1; \{6^6, 3^{25}, 2^{22}\})$	25769803752
6	$\mathcal{O}(1; \{6^6, 3^{28}, 2^{18}\})$	206158430232
6	$\mathcal{O}(1; \{6^6, 3^{31}, 2^{14}\})$	1649267441640
6	$\mathcal{O}(1; \{6^6, 3^{34}, 2^{10}\})$	13194139533336
6	$\mathcal{O}(1; \{6^6, 3^{37}, 2^6\})$	105553116266472
6	$\mathcal{O}(1; \{6^6, 3^{40}, 2^2\})$	844424930131992
6	$\mathcal{O}(1; \{6^7, 3^2, 2^{51}\})$	6120
6	$\mathcal{O}(1; \{6^7, 3^5, 2^{47}\})$	49176
6	$\mathcal{O}(1; \{6^7, 3^8, 2^{43}\})$	393192
6	$\mathcal{O}(1; \{6^7, 3^{11}, 2^{39}\})$	3145752
6	$\mathcal{O}(1; \{6^7, 3^{14}, 2^{35}\})$	25165800
6	$\mathcal{O}(1; \{6^7, 3^{17}, 2^{31}\})$	201326616
6	$\mathcal{O}(1; \{6^7, 3^{20}, 2^{27}\})$	1610612712
6	$\mathcal{O}(1; \{6^7, 3^{23}, 2^{23}\})$	12884901912
6	$\mathcal{O}(1; \{6^7, 3^{26}, 2^{19}\})$	103079215080
6	$\mathcal{O}(1; \{6^7, 3^{29}, 2^{15}\})$	824633720856
6	$\mathcal{O}(1; \{6^7, 3^{32}, 2^{11}\})$	6597069766632
6	$\mathcal{O}(1; \{6^7, 3^{35}, 2^7\})$	52776558133272
6	$\mathcal{O}(1; \{6^7, 3^{38}, 2^3\})$	422212465065960
6	$\mathcal{O}(1; \{6^8, 2^{52}\})$	3096
6	$\mathcal{O}(1; \{6^8, 3^3, 2^{48}\})$	24552
6	$\mathcal{O}(1; \{6^8, 3^6, 2^{44}\})$	196632
6	$\mathcal{O}(1; \{6^8, 3^9, 2^{40}\})$	1572840
6	$\mathcal{O}(1; \{6^8, 3^{12}, 2^{36}\})$	12582936
6	$\mathcal{O}(1; \{6^8, 3^{15}, 2^{32}\})$	100663272
6	$\mathcal{O}(1; \{6^8, 3^{18}, 2^{28}\})$	805306392
6	$\mathcal{O}(1; \{6^8, 3^{21}, 2^{24}\})$	6442450920

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^8, 3^{24}, 2^{20}\})$	51539607576
6	$\mathcal{O}(1; \{6^8, 3^{27}, 2^{16}\})$	412316860392
6	$\mathcal{O}(1; \{6^8, 3^{30}, 2^{12}\})$	3298534883352
6	$\mathcal{O}(1; \{6^8, 3^{33}, 2^8\})$	26388279066600
6	$\mathcal{O}(1; \{6^8, 3^{36}, 2^4\})$	211106232533016
6	$\mathcal{O}(1; \{6^8, 3^{39}\})$	1688849860263912
6	$\mathcal{O}(1; \{6^9, 3, 2^{49}\})$	12312
6	$\mathcal{O}(1; \{6^9, 3^4, 2^{45}\})$	98280
6	$\mathcal{O}(1; \{6^9, 3^7, 2^{41}\})$	786456
6	$\mathcal{O}(1; \{6^9, 3^{10}, 2^{37}\})$	6291432
6	$\mathcal{O}(1; \{6^9, 3^{13}, 2^{33}\})$	50331672
6	$\mathcal{O}(1; \{6^9, 3^{16}, 2^{29}\})$	402653160
6	$\mathcal{O}(1; \{6^9, 3^{19}, 2^{25}\})$	3221225496
6	$\mathcal{O}(1; \{6^9, 3^{22}, 2^{21}\})$	25769803752
6	$\mathcal{O}(1; \{6^9, 3^{25}, 2^{17}\})$	206158430232
6	$\mathcal{O}(1; \{6^9, 3^{28}, 2^{13}\})$	1649267441640
6	$\mathcal{O}(1; \{6^9, 3^{31}, 2^9\})$	13194139533336
6	$\mathcal{O}(1; \{6^9, 3^{34}, 2^5\})$	105553116266472
6	$\mathcal{O}(1; \{6^9, 3^{37}, 2\})$	844424930131992
6	$\mathcal{O}(1; \{6^{10}, 3^2, 2^{46}\})$	49176
6	$\mathcal{O}(1; \{6^{10}, 3^5, 2^{42}\})$	393192
6	$\mathcal{O}(1; \{6^{10}, 3^8, 2^{38}\})$	3145752
6	$\mathcal{O}(1; \{6^{10}, 3^{11}, 2^{34}\})$	25165800
6	$\mathcal{O}(1; \{6^{10}, 3^{14}, 2^{30}\})$	201326616
6	$\mathcal{O}(1; \{6^{10}, 3^{17}, 2^{26}\})$	1610612712
6	$\mathcal{O}(1; \{6^{10}, 3^{20}, 2^{22}\})$	12884901912
6	$\mathcal{O}(1; \{6^{10}, 3^{23}, 2^{18}\})$	103079215080
6	$\mathcal{O}(1; \{6^{10}, 3^{26}, 2^{14}\})$	824633720856
6	$\mathcal{O}(1; \{6^{10}, 3^{29}, 2^{10}\})$	6597069766632
6	$\mathcal{O}(1; \{6^{10}, 3^{32}, 2^6\})$	52776558133272
6	$\mathcal{O}(1; \{6^{10}, 3^{35}, 2^2\})$	422212465065960
6	$\mathcal{O}(1; \{6^{11}, 2^{47}\})$	24552
6	$\mathcal{O}(1; \{6^{11}, 3^3, 2^{43}\})$	196632
6	$\mathcal{O}(1; \{6^{11}, 3^6, 2^{39}\})$	1572840
6	$\mathcal{O}(1; \{6^{11}, 3^9, 2^{35}\})$	12582936
6	$\mathcal{O}(1; \{6^{11}, 3^{12}, 2^{31}\})$	100663272
6	$\mathcal{O}(1; \{6^{11}, 3^{15}, 2^{27}\})$	805306392
6	$\mathcal{O}(1; \{6^{11}, 3^{18}, 2^{23}\})$	6442450920
6	$\mathcal{O}(1; \{6^{11}, 3^{21}, 2^{19}\})$	51539607576
6	$\mathcal{O}(1; \{6^{11}, 3^{24}, 2^{15}\})$	412316860392
6	$\mathcal{O}(1; \{6^{11}, 3^{27}, 2^{11}\})$	3298534883352
6	$\mathcal{O}(1; \{6^{11}, 3^{30}, 2^7\})$	26388279066600
6	$\mathcal{O}(1; \{6^{11}, 3^{33}, 2^3\})$	211106232533016

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{12}, 3, 2^{44}\})$	98280
6	$\mathcal{O}(1; \{6^{12}, 3^4, 2^{40}\})$	786456
6	$\mathcal{O}(1; \{6^{12}, 3^7, 2^{36}\})$	6291432
6	$\mathcal{O}(1; \{6^{12}, 3^{10}, 2^{32}\})$	50331672
6	$\mathcal{O}(1; \{6^{12}, 3^{13}, 2^{28}\})$	402653160
6	$\mathcal{O}(1; \{6^{12}, 3^{16}, 2^{24}\})$	3221225496
6	$\mathcal{O}(1; \{6^{12}, 3^{19}, 2^{20}\})$	25769803752
6	$\mathcal{O}(1; \{6^{12}, 3^{22}, 2^{16}\})$	206158430232
6	$\mathcal{O}(1; \{6^{12}, 3^{25}, 2^{12}\})$	1649267441640
6	$\mathcal{O}(1; \{6^{12}, 3^{28}, 2^8\})$	13194139533336
6	$\mathcal{O}(1; \{6^{12}, 3^{31}, 2^4\})$	105553116266472
6	$\mathcal{O}(1; \{6^{12}, 3^{34}\})$	844424930131992
6	$\mathcal{O}(1; \{6^{13}, 3^2, 2^{41}\})$	393192
6	$\mathcal{O}(1; \{6^{13}, 3^5, 2^{37}\})$	3145752
6	$\mathcal{O}(1; \{6^{13}, 3^8, 2^{33}\})$	25165800
6	$\mathcal{O}(1; \{6^{13}, 3^{11}, 2^{29}\})$	201326616
6	$\mathcal{O}(1; \{6^{13}, 3^{14}, 2^{25}\})$	1610612712
6	$\mathcal{O}(1; \{6^{13}, 3^{17}, 2^{21}\})$	12884901912
6	$\mathcal{O}(1; \{6^{13}, 3^{20}, 2^{17}\})$	103079215080
6	$\mathcal{O}(1; \{6^{13}, 3^{23}, 2^{13}\})$	824633720856
6	$\mathcal{O}(1; \{6^{13}, 3^{26}, 2^9\})$	6597069766632
6	$\mathcal{O}(1; \{6^{13}, 3^{29}, 2^5\})$	52776558133272
6	$\mathcal{O}(1; \{6^{13}, 3^{32}, 2\})$	422212465065960
6	$\mathcal{O}(1; \{6^{14}, 2^{42}\})$	196632
6	$\mathcal{O}(1; \{6^{14}, 3^3, 2^{38}\})$	1572840
6	$\mathcal{O}(1; \{6^{14}, 3^6, 2^{34}\})$	12582936
6	$\mathcal{O}(1; \{6^{14}, 3^9, 2^{30}\})$	100663272
6	$\mathcal{O}(1; \{6^{14}, 3^{12}, 2^{26}\})$	805306392
6	$\mathcal{O}(1; \{6^{14}, 3^{15}, 2^{22}\})$	6442450920
6	$\mathcal{O}(1; \{6^{14}, 3^{18}, 2^{18}\})$	51539607576
6	$\mathcal{O}(1; \{6^{14}, 3^{21}, 2^{14}\})$	412316860392
6	$\mathcal{O}(1; \{6^{14}, 3^{24}, 2^{10}\})$	3298534883352
6	$\mathcal{O}(1; \{6^{14}, 3^{27}, 2^6\})$	26388279066600
6	$\mathcal{O}(1; \{6^{14}, 3^{30}, 2^2\})$	211106232533016
6	$\mathcal{O}(1; \{6^{15}, 3, 2^{39}\})$	786456
6	$\mathcal{O}(1; \{6^{15}, 3^4, 2^{35}\})$	6291432
6	$\mathcal{O}(1; \{6^{15}, 3^7, 2^{31}\})$	50331672
6	$\mathcal{O}(1; \{6^{15}, 3^{10}, 2^{27}\})$	402653160
6	$\mathcal{O}(1; \{6^{15}, 3^{13}, 2^{23}\})$	3221225496
6	$\mathcal{O}(1; \{6^{15}, 3^{16}, 2^{19}\})$	25769803752
6	$\mathcal{O}(1; \{6^{15}, 3^{19}, 2^{15}\})$	206158430232
6	$\mathcal{O}(1; \{6^{15}, 3^{22}, 2^{11}\})$	1649267441640
6	$\mathcal{O}(1; \{6^{15}, 3^{25}, 2^7\})$	13194139533336

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{15}, 3^{28}, 2^3\})$	105553116266472
6	$\mathcal{O}(1; \{6^{16}, 3^2, 2^{36}\})$	3145752
6	$\mathcal{O}(1; \{6^{16}, 3^5, 2^{32}\})$	25165800
6	$\mathcal{O}(1; \{6^{16}, 3^8, 2^{28}\})$	201326616
6	$\mathcal{O}(1; \{6^{16}, 3^{11}, 2^{24}\})$	1610612712
6	$\mathcal{O}(1; \{6^{16}, 3^{14}, 2^{20}\})$	12884901912
6	$\mathcal{O}(1; \{6^{16}, 3^{17}, 2^{16}\})$	103079215080
6	$\mathcal{O}(1; \{6^{16}, 3^{20}, 2^{12}\})$	824633720856
6	$\mathcal{O}(1; \{6^{16}, 3^{23}, 2^8\})$	6597069766632
6	$\mathcal{O}(1; \{6^{16}, 3^{26}, 2^4\})$	52776558133272
6	$\mathcal{O}(1; \{6^{16}, 3^{29}\})$	422212465065960
6	$\mathcal{O}(1; \{6^{17}, 2^{37}\})$	1572840
6	$\mathcal{O}(1; \{6^{17}, 3^3, 2^{33}\})$	12582936
6	$\mathcal{O}(1; \{6^{17}, 3^6, 2^{29}\})$	100663272
6	$\mathcal{O}(1; \{6^{17}, 3^9, 2^{25}\})$	805306392
6	$\mathcal{O}(1; \{6^{17}, 3^{12}, 2^{21}\})$	6442450920
6	$\mathcal{O}(1; \{6^{17}, 3^{15}, 2^{17}\})$	51539607576
6	$\mathcal{O}(1; \{6^{17}, 3^{18}, 2^{13}\})$	412316860392
6	$\mathcal{O}(1; \{6^{17}, 3^{21}, 2^9\})$	3298534883352
6	$\mathcal{O}(1; \{6^{17}, 3^{24}, 2^5\})$	26388279066600
6	$\mathcal{O}(1; \{6^{17}, 3^{27}, 2\})$	211106232533016
6	$\mathcal{O}(1; \{6^{18}, 3, 2^{34}\})$	6291432
6	$\mathcal{O}(1; \{6^{18}, 3^4, 2^{30}\})$	50331672
6	$\mathcal{O}(1; \{6^{18}, 3^7, 2^{26}\})$	402653160
6	$\mathcal{O}(1; \{6^{18}, 3^{10}, 2^{22}\})$	3221225496
6	$\mathcal{O}(1; \{6^{18}, 3^{13}, 2^{18}\})$	25769803752
6	$\mathcal{O}(1; \{6^{18}, 3^{16}, 2^{14}\})$	206158430232
6	$\mathcal{O}(1; \{6^{18}, 3^{19}, 2^{10}\})$	1649267441640
6	$\mathcal{O}(1; \{6^{18}, 3^{22}, 2^6\})$	13194139533336
6	$\mathcal{O}(1; \{6^{18}, 3^{25}, 2^2\})$	105553116266472
6	$\mathcal{O}(1; \{6^{19}, 3^2, 2^{31}\})$	25165800
6	$\mathcal{O}(1; \{6^{19}, 3^5, 2^{27}\})$	201326616
6	$\mathcal{O}(1; \{6^{19}, 3^8, 2^{23}\})$	1610612712
6	$\mathcal{O}(1; \{6^{19}, 3^{11}, 2^{19}\})$	12884901912
6	$\mathcal{O}(1; \{6^{19}, 3^{14}, 2^{15}\})$	103079215080
6	$\mathcal{O}(1; \{6^{19}, 3^{17}, 2^{11}\})$	824633720856
6	$\mathcal{O}(1; \{6^{19}, 3^{20}, 2^7\})$	6597069766632
6	$\mathcal{O}(1; \{6^{19}, 3^{23}, 2^3\})$	52776558133272
6	$\mathcal{O}(1; \{6^{20}, 2^{32}\})$	12582936
6	$\mathcal{O}(1; \{6^{20}, 3^3, 2^{28}\})$	100663272
6	$\mathcal{O}(1; \{6^{20}, 3^6, 2^{24}\})$	805306392
6	$\mathcal{O}(1; \{6^{20}, 3^9, 2^{20}\})$	6442450920
6	$\mathcal{O}(1; \{6^{20}, 3^{12}, 2^{16}\})$	51539607576

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{20}, 3^{15}, 2^{12}\})$	412316860392
6	$\mathcal{O}(1; \{6^{20}, 3^{18}, 2^8\})$	3298534883352
6	$\mathcal{O}(1; \{6^{20}, 3^{21}, 2^4\})$	26388279066600
6	$\mathcal{O}(1; \{6^{20}, 3^{24}\})$	211106232533016
6	$\mathcal{O}(1; \{6^{21}, 3, 2^{29}\})$	50331672
6	$\mathcal{O}(1; \{6^{21}, 3^4, 2^{25}\})$	402653160
6	$\mathcal{O}(1; \{6^{21}, 3^7, 2^{21}\})$	3221225496
6	$\mathcal{O}(1; \{6^{21}, 3^{10}, 2^{17}\})$	25769803752
6	$\mathcal{O}(1; \{6^{21}, 3^{13}, 2^{13}\})$	206158430232
6	$\mathcal{O}(1; \{6^{21}, 3^{16}, 2^9\})$	1649267441640
6	$\mathcal{O}(1; \{6^{21}, 3^{19}, 2^5\})$	13194139533336
6	$\mathcal{O}(1; \{6^{21}, 3^{22}, 2\})$	105553116266472
6	$\mathcal{O}(1; \{6^{22}, 3^2, 2^{26}\})$	201326616
6	$\mathcal{O}(1; \{6^{22}, 3^5, 2^{22}\})$	1610612712
6	$\mathcal{O}(1; \{6^{22}, 3^8, 2^{18}\})$	12884901912
6	$\mathcal{O}(1; \{6^{22}, 3^{11}, 2^{14}\})$	103079215080
6	$\mathcal{O}(1; \{6^{22}, 3^{14}, 2^{10}\})$	824633720856
6	$\mathcal{O}(1; \{6^{22}, 3^{17}, 2^6\})$	6597069766632
6	$\mathcal{O}(1; \{6^{22}, 3^{20}, 2^2\})$	52776558133272
6	$\mathcal{O}(1; \{6^{23}, 2^{27}\})$	100663272
6	$\mathcal{O}(1; \{6^{23}, 3^3, 2^{23}\})$	805306392
6	$\mathcal{O}(1; \{6^{23}, 3^6, 2^{19}\})$	6442450920
6	$\mathcal{O}(1; \{6^{23}, 3^9, 2^{15}\})$	51539607576
6	$\mathcal{O}(1; \{6^{23}, 3^{12}, 2^{11}\})$	412316860392
6	$\mathcal{O}(1; \{6^{23}, 3^{15}, 2^7\})$	3298534883352
6	$\mathcal{O}(1; \{6^{23}, 3^{18}, 2^3\})$	26388279066600
6	$\mathcal{O}(1; \{6^{24}, 3, 2^{24}\})$	402653160
6	$\mathcal{O}(1; \{6^{24}, 3^4, 2^{20}\})$	3221225496
6	$\mathcal{O}(1; \{6^{24}, 3^7, 2^{16}\})$	25769803752
6	$\mathcal{O}(1; \{6^{24}, 3^{10}, 2^{12}\})$	206158430232
6	$\mathcal{O}(1; \{6^{24}, 3^{13}, 2^8\})$	1649267441640
6	$\mathcal{O}(1; \{6^{24}, 3^{16}, 2^4\})$	13194139533336
6	$\mathcal{O}(1; \{6^{24}, 3^{19}\})$	105553116266472
6	$\mathcal{O}(1; \{6^{25}, 3^2, 2^{21}\})$	1610612712
6	$\mathcal{O}(1; \{6^{25}, 3^5, 2^{17}\})$	12884901912
6	$\mathcal{O}(1; \{6^{25}, 3^8, 2^{13}\})$	103079215080
6	$\mathcal{O}(1; \{6^{25}, 3^{11}, 2^9\})$	824633720856
6	$\mathcal{O}(1; \{6^{25}, 3^{14}, 2^5\})$	6597069766632
6	$\mathcal{O}(1; \{6^{25}, 3^{17}, 2\})$	52776558133272
6	$\mathcal{O}(1; \{6^{26}, 2^{22}\})$	805306392
6	$\mathcal{O}(1; \{6^{26}, 3^3, 2^{18}\})$	6442450920
6	$\mathcal{O}(1; \{6^{26}, 3^6, 2^{14}\})$	51539607576
6	$\mathcal{O}(1; \{6^{26}, 3^9, 2^{10}\})$	412316860392

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{26}, 3^{12}, 2^6\})$	3298534883352
6	$\mathcal{O}(1; \{6^{26}, 3^{15}, 2^2\})$	26388279066600
6	$\mathcal{O}(1; \{6^{27}, 3, 2^{19}\})$	3221225496
6	$\mathcal{O}(1; \{6^{27}, 3^4, 2^{15}\})$	25769803752
6	$\mathcal{O}(1; \{6^{27}, 3^7, 2^{11}\})$	206158430232
6	$\mathcal{O}(1; \{6^{27}, 3^{10}, 2^7\})$	1649267441640
6	$\mathcal{O}(1; \{6^{27}, 3^{13}, 2^3\})$	13194139533336
6	$\mathcal{O}(1; \{6^{28}, 3^2, 2^{16}\})$	12884901912
6	$\mathcal{O}(1; \{6^{28}, 3^5, 2^{12}\})$	103079215080
6	$\mathcal{O}(1; \{6^{28}, 3^8, 2^8\})$	824633720856
6	$\mathcal{O}(1; \{6^{28}, 3^{11}, 2^4\})$	6597069766632
6	$\mathcal{O}(1; \{6^{28}, 3^{14}\})$	52776558133272
6	$\mathcal{O}(1; \{6^{29}, 2^{17}\})$	6442450920
6	$\mathcal{O}(1; \{6^{29}, 3^3, 2^{13}\})$	51539607576
6	$\mathcal{O}(1; \{6^{29}, 3^6, 2^9\})$	412316860392
6	$\mathcal{O}(1; \{6^{29}, 3^9, 2^5\})$	3298534883352
6	$\mathcal{O}(1; \{6^{29}, 3^{12}, 2\})$	26388279066600
6	$\mathcal{O}(1; \{6^{30}, 3, 2^{14}\})$	25769803752
6	$\mathcal{O}(1; \{6^{30}, 3^4, 2^{10}\})$	206158430232
6	$\mathcal{O}(1; \{6^{30}, 3^7, 2^6\})$	1649267441640
6	$\mathcal{O}(1; \{6^{30}, 3^{10}, 2^2\})$	13194139533336
6	$\mathcal{O}(1; \{6^{31}, 3^2, 2^{11}\})$	103079215080
6	$\mathcal{O}(1; \{6^{31}, 3^5, 2^7\})$	824633720856
6	$\mathcal{O}(1; \{6^{31}, 3^8, 2^3\})$	6597069766632
6	$\mathcal{O}(1; \{6^{32}, 2^{12}\})$	51539607576
6	$\mathcal{O}(1; \{6^{32}, 3^3, 2^8\})$	412316860392
6	$\mathcal{O}(1; \{6^{32}, 3^6, 2^4\})$	3298534883352
6	$\mathcal{O}(1; \{6^{32}, 3^9\})$	26388279066600
6	$\mathcal{O}(1; \{6^{33}, 3, 2^9\})$	206158430232
6	$\mathcal{O}(1; \{6^{33}, 3^4, 2^5\})$	1649267441640
6	$\mathcal{O}(1; \{6^{33}, 3^7, 2\})$	13194139533336
6	$\mathcal{O}(1; \{6^{34}, 3^2, 2^6\})$	824633720856
6	$\mathcal{O}(1; \{6^{34}, 3^5, 2^2\})$	6597069766632
6	$\mathcal{O}(1; \{6^{35}, 2^7\})$	412316860392
6	$\mathcal{O}(1; \{6^{35}, 3^3, 2^3\})$	3298534883352
6	$\mathcal{O}(1; \{6^{36}, 3, 2^4\})$	1649267441640
6	$\mathcal{O}(1; \{6^{36}, 3^4\})$	13194139533336
6	$\mathcal{O}(1; \{6^{37}, 3^2, 2\})$	6597069766632
6	$\mathcal{O}(1; \{6^{38}, 2^2\})$	3298534883352
6	$\mathcal{O}(0; \{3^4, 2^{64}\})$	6
6	$\mathcal{O}(0; \{3^7, 2^{60}\})$	42
6	$\mathcal{O}(0; \{3^{10}, 2^{56}\})$	342
6	$\mathcal{O}(0; \{3^{13}, 2^{52}\})$	2730

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{3^{16}, 2^{48}\})$	21846
6	$\mathcal{O}(0; \{3^{19}, 2^{44}\})$	174762
6	$\mathcal{O}(0; \{3^{22}, 2^{40}\})$	1398102
6	$\mathcal{O}(0; \{3^{25}, 2^{36}\})$	11184810
6	$\mathcal{O}(0; \{3^{28}, 2^{32}\})$	89478486
6	$\mathcal{O}(0; \{3^{31}, 2^{28}\})$	715827882
6	$\mathcal{O}(0; \{3^{34}, 2^{24}\})$	5726623062
6	$\mathcal{O}(0; \{3^{37}, 2^{20}\})$	45812984490
6	$\mathcal{O}(0; \{3^{40}, 2^{16}\})$	366503875926
6	$\mathcal{O}(0; \{3^{43}, 2^{12}\})$	2932031007402
6	$\mathcal{O}(0; \{3^{46}, 2^8\})$	23456248059222
6	$\mathcal{O}(0; \{3^{49}, 2^4\})$	187649984473770
6	$\mathcal{O}(0; \{6, 3^2, 2^{65}\})$	2
6	$\mathcal{O}(0; \{6, 3^5, 2^{61}\})$	22
6	$\mathcal{O}(0; \{6, 3^8, 2^{57}\})$	170
6	$\mathcal{O}(0; \{6, 3^{11}, 2^{53}\})$	1366
6	$\mathcal{O}(0; \{6, 3^{14}, 2^{49}\})$	10922
6	$\mathcal{O}(0; \{6, 3^{17}, 2^{45}\})$	87382
6	$\mathcal{O}(0; \{6, 3^{20}, 2^{41}\})$	699050
6	$\mathcal{O}(0; \{6, 3^{23}, 2^{37}\})$	5592406
6	$\mathcal{O}(0; \{6, 3^{26}, 2^{33}\})$	44739242
6	$\mathcal{O}(0; \{6, 3^{29}, 2^{29}\})$	357913942
6	$\mathcal{O}(0; \{6, 3^{32}, 2^{25}\})$	2863311530
6	$\mathcal{O}(0; \{6, 3^{35}, 2^{21}\})$	22906492246
6	$\mathcal{O}(0; \{6, 3^{38}, 2^{17}\})$	183251937962
6	$\mathcal{O}(0; \{6, 3^{41}, 2^{13}\})$	1466015503702
6	$\mathcal{O}(0; \{6, 3^{44}, 2^9\})$	11728124029610
6	$\mathcal{O}(0; \{6, 3^{47}, 2^5\})$	93824992236886
6	$\mathcal{O}(0; \{6, 3^{50}, 2\})$	750599937895082
6	$\mathcal{O}(0; \{6^2, 2^{66}\})$	2
6	$\mathcal{O}(0; \{6^2, 3^3, 2^{62}\})$	10
6	$\mathcal{O}(0; \{6^2, 3^6, 2^{58}\})$	86
6	$\mathcal{O}(0; \{6^2, 3^9, 2^{54}\})$	682
6	$\mathcal{O}(0; \{6^2, 3^{12}, 2^{50}\})$	5462
6	$\mathcal{O}(0; \{6^2, 3^{15}, 2^{46}\})$	43690
6	$\mathcal{O}(0; \{6^2, 3^{18}, 2^{42}\})$	349526
6	$\mathcal{O}(0; \{6^2, 3^{21}, 2^{38}\})$	2796202
6	$\mathcal{O}(0; \{6^2, 3^{24}, 2^{34}\})$	22369622
6	$\mathcal{O}(0; \{6^2, 3^{27}, 2^{30}\})$	178956970
6	$\mathcal{O}(0; \{6^2, 3^{30}, 2^{26}\})$	1431655766
6	$\mathcal{O}(0; \{6^2, 3^{33}, 2^{22}\})$	11453246122
6	$\mathcal{O}(0; \{6^2, 3^{36}, 2^{18}\})$	91625968982
6	$\mathcal{O}(0; \{6^2, 3^{39}, 2^{14}\})$	733007751850

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^2, 3^{42}, 2^{10}\})$	5864062014806
6	$\mathcal{O}(0; \{6^2, 3^{45}, 2^6\})$	46912496118442
6	$\mathcal{O}(0; \{6^2, 3^{48}, 2^2\})$	375299968947542
6	$\mathcal{O}(0; \{6^3, 3, 2^{63}\})$	6
6	$\mathcal{O}(0; \{6^3, 3^4, 2^{59}\})$	42
6	$\mathcal{O}(0; \{6^3, 3^7, 2^{55}\})$	342
6	$\mathcal{O}(0; \{6^3, 3^{10}, 2^{51}\})$	2730
6	$\mathcal{O}(0; \{6^3, 3^{13}, 2^{47}\})$	21846
6	$\mathcal{O}(0; \{6^3, 3^{16}, 2^{43}\})$	174762
6	$\mathcal{O}(0; \{6^3, 3^{19}, 2^{39}\})$	1398102
6	$\mathcal{O}(0; \{6^3, 3^{22}, 2^{35}\})$	11184810
6	$\mathcal{O}(0; \{6^3, 3^{25}, 2^{31}\})$	89478486
6	$\mathcal{O}(0; \{6^3, 3^{28}, 2^{27}\})$	715827882
6	$\mathcal{O}(0; \{6^3, 3^{31}, 2^{23}\})$	5726623062
6	$\mathcal{O}(0; \{6^3, 3^{34}, 2^{19}\})$	45812984490
6	$\mathcal{O}(0; \{6^3, 3^{37}, 2^{15}\})$	366503875926
6	$\mathcal{O}(0; \{6^3, 3^{40}, 2^{11}\})$	2932031007402
6	$\mathcal{O}(0; \{6^3, 3^{43}, 2^7\})$	23456248059222
6	$\mathcal{O}(0; \{6^3, 3^{46}, 2^3\})$	187649984473770
6	$\mathcal{O}(0; \{6^4, 3^2, 2^{60}\})$	22
6	$\mathcal{O}(0; \{6^4, 3^5, 2^{56}\})$	170
6	$\mathcal{O}(0; \{6^4, 3^8, 2^{52}\})$	1366
6	$\mathcal{O}(0; \{6^4, 3^{11}, 2^{48}\})$	10922
6	$\mathcal{O}(0; \{6^4, 3^{14}, 2^{44}\})$	87382
6	$\mathcal{O}(0; \{6^4, 3^{17}, 2^{40}\})$	699050
6	$\mathcal{O}(0; \{6^4, 3^{20}, 2^{36}\})$	5592406
6	$\mathcal{O}(0; \{6^4, 3^{23}, 2^{32}\})$	44739242
6	$\mathcal{O}(0; \{6^4, 3^{26}, 2^{28}\})$	357913942
6	$\mathcal{O}(0; \{6^4, 3^{29}, 2^{24}\})$	2863311530
6	$\mathcal{O}(0; \{6^4, 3^{32}, 2^{20}\})$	22906492246
6	$\mathcal{O}(0; \{6^4, 3^{35}, 2^{16}\})$	183251937962
6	$\mathcal{O}(0; \{6^4, 3^{38}, 2^{12}\})$	1466015503702
6	$\mathcal{O}(0; \{6^4, 3^{41}, 2^8\})$	11728124029610
6	$\mathcal{O}(0; \{6^4, 3^{44}, 2^4\})$	93824992236886
6	$\mathcal{O}(0; \{6^4, 3^{47}\})$	750599937895082
6	$\mathcal{O}(0; \{6^5, 2^{61}\})$	10
6	$\mathcal{O}(0; \{6^5, 3^3, 2^{57}\})$	86
6	$\mathcal{O}(0; \{6^5, 3^6, 2^{53}\})$	682
6	$\mathcal{O}(0; \{6^5, 3^9, 2^{49}\})$	5462
6	$\mathcal{O}(0; \{6^5, 3^{12}, 2^{45}\})$	43690
6	$\mathcal{O}(0; \{6^5, 3^{15}, 2^{41}\})$	349526
6	$\mathcal{O}(0; \{6^5, 3^{18}, 2^{37}\})$	2796202
6	$\mathcal{O}(0; \{6^5, 3^{21}, 2^{33}\})$	22369622

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^5, 3^{24}, 2^{29}\})$	178956970
6	$\mathcal{O}(0; \{6^5, 3^{27}, 2^{25}\})$	1431655766
6	$\mathcal{O}(0; \{6^5, 3^{30}, 2^{21}\})$	11453246122
6	$\mathcal{O}(0; \{6^5, 3^{33}, 2^{17}\})$	91625968982
6	$\mathcal{O}(0; \{6^5, 3^{36}, 2^{13}\})$	733007751850
6	$\mathcal{O}(0; \{6^5, 3^{39}, 2^9\})$	5864062014806
6	$\mathcal{O}(0; \{6^5, 3^{42}, 2^5\})$	46912496118442
6	$\mathcal{O}(0; \{6^5, 3^{45}, 2\})$	375299968947542
6	$\mathcal{O}(0; \{6^6, 3, 2^{58}\})$	42
6	$\mathcal{O}(0; \{6^6, 3^4, 2^{54}\})$	342
6	$\mathcal{O}(0; \{6^6, 3^7, 2^{50}\})$	2730
6	$\mathcal{O}(0; \{6^6, 3^{10}, 2^{46}\})$	21846
6	$\mathcal{O}(0; \{6^6, 3^{13}, 2^{42}\})$	174762
6	$\mathcal{O}(0; \{6^6, 3^{16}, 2^{38}\})$	1398102
6	$\mathcal{O}(0; \{6^6, 3^{19}, 2^{34}\})$	11184810
6	$\mathcal{O}(0; \{6^6, 3^{22}, 2^{30}\})$	89478486
6	$\mathcal{O}(0; \{6^6, 3^{25}, 2^{26}\})$	715827882
6	$\mathcal{O}(0; \{6^6, 3^{28}, 2^{22}\})$	5726623062
6	$\mathcal{O}(0; \{6^6, 3^{31}, 2^{18}\})$	45812984490
6	$\mathcal{O}(0; \{6^6, 3^{34}, 2^{14}\})$	366503875926
6	$\mathcal{O}(0; \{6^6, 3^{37}, 2^{10}\})$	2932031007402
6	$\mathcal{O}(0; \{6^6, 3^{40}, 2^6\})$	23456248059222
6	$\mathcal{O}(0; \{6^6, 3^{43}, 2^2\})$	187649984473770
6	$\mathcal{O}(0; \{6^7, 3^2, 2^{55}\})$	170
6	$\mathcal{O}(0; \{6^7, 3^5, 2^{51}\})$	1366
6	$\mathcal{O}(0; \{6^7, 3^8, 2^{47}\})$	10922
6	$\mathcal{O}(0; \{6^7, 3^{11}, 2^{43}\})$	87382
6	$\mathcal{O}(0; \{6^7, 3^{14}, 2^{39}\})$	699050
6	$\mathcal{O}(0; \{6^7, 3^{17}, 2^{35}\})$	5592406
6	$\mathcal{O}(0; \{6^7, 3^{20}, 2^{31}\})$	44739242
6	$\mathcal{O}(0; \{6^7, 3^{23}, 2^{27}\})$	357913942
6	$\mathcal{O}(0; \{6^7, 3^{26}, 2^{23}\})$	2863311530
6	$\mathcal{O}(0; \{6^7, 3^{29}, 2^{19}\})$	22906492246
6	$\mathcal{O}(0; \{6^7, 3^{32}, 2^{15}\})$	183251937962
6	$\mathcal{O}(0; \{6^7, 3^{35}, 2^{11}\})$	1466015503702
6	$\mathcal{O}(0; \{6^7, 3^{38}, 2^7\})$	11728124029610
6	$\mathcal{O}(0; \{6^7, 3^{41}, 2^3\})$	93824992236886
6	$\mathcal{O}(0; \{6^8, 2^{56}\})$	86
6	$\mathcal{O}(0; \{6^8, 3^3, 2^{52}\})$	682
6	$\mathcal{O}(0; \{6^8, 3^6, 2^{48}\})$	5462
6	$\mathcal{O}(0; \{6^8, 3^9, 2^{44}\})$	43690
6	$\mathcal{O}(0; \{6^8, 3^{12}, 2^{40}\})$	349526
6	$\mathcal{O}(0; \{6^8, 3^{15}, 2^{36}\})$	2796202

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^8, 3^{18}, 2^{32}\})$	22369622
6	$\mathcal{O}(0; \{6^8, 3^{21}, 2^{28}\})$	178956970
6	$\mathcal{O}(0; \{6^8, 3^{24}, 2^{24}\})$	1431655766
6	$\mathcal{O}(0; \{6^8, 3^{27}, 2^{20}\})$	11453246122
6	$\mathcal{O}(0; \{6^8, 3^{30}, 2^{16}\})$	91625968982
6	$\mathcal{O}(0; \{6^8, 3^{33}, 2^{12}\})$	733007751850
6	$\mathcal{O}(0; \{6^8, 3^{36}, 2^8\})$	5864062014806
6	$\mathcal{O}(0; \{6^8, 3^{39}, 2^4\})$	46912496118442
6	$\mathcal{O}(0; \{6^8, 3^{42}\})$	375299968947542
6	$\mathcal{O}(0; \{6^9, 3, 2^{53}\})$	342
6	$\mathcal{O}(0; \{6^9, 3^4, 2^{49}\})$	2730
6	$\mathcal{O}(0; \{6^9, 3^7, 2^{45}\})$	21846
6	$\mathcal{O}(0; \{6^9, 3^{10}, 2^{41}\})$	174762
6	$\mathcal{O}(0; \{6^9, 3^{13}, 2^{37}\})$	1398102
6	$\mathcal{O}(0; \{6^9, 3^{16}, 2^{33}\})$	11184810
6	$\mathcal{O}(0; \{6^9, 3^{19}, 2^{29}\})$	89478486
6	$\mathcal{O}(0; \{6^9, 3^{22}, 2^{25}\})$	715827882
6	$\mathcal{O}(0; \{6^9, 3^{25}, 2^{21}\})$	5726623062
6	$\mathcal{O}(0; \{6^9, 3^{28}, 2^{17}\})$	45812984490
6	$\mathcal{O}(0; \{6^9, 3^{31}, 2^{13}\})$	366503875926
6	$\mathcal{O}(0; \{6^9, 3^{34}, 2^9\})$	2932031007402
6	$\mathcal{O}(0; \{6^9, 3^{37}, 2^5\})$	23456248059222
6	$\mathcal{O}(0; \{6^9, 3^{40}, 2\})$	187649984473770
6	$\mathcal{O}(0; \{6^{10}, 3^2, 2^{50}\})$	1366
6	$\mathcal{O}(0; \{6^{10}, 3^5, 2^{46}\})$	10922
6	$\mathcal{O}(0; \{6^{10}, 3^8, 2^{42}\})$	87382
6	$\mathcal{O}(0; \{6^{10}, 3^{11}, 2^{38}\})$	699050
6	$\mathcal{O}(0; \{6^{10}, 3^{14}, 2^{34}\})$	5592406
6	$\mathcal{O}(0; \{6^{10}, 3^{17}, 2^{30}\})$	44739242
6	$\mathcal{O}(0; \{6^{10}, 3^{20}, 2^{26}\})$	357913942
6	$\mathcal{O}(0; \{6^{10}, 3^{23}, 2^{22}\})$	2863311530
6	$\mathcal{O}(0; \{6^{10}, 3^{26}, 2^{18}\})$	22906492246
6	$\mathcal{O}(0; \{6^{10}, 3^{29}, 2^{14}\})$	183251937962
6	$\mathcal{O}(0; \{6^{10}, 3^{32}, 2^{10}\})$	1466015503702
6	$\mathcal{O}(0; \{6^{10}, 3^{35}, 2^6\})$	11728124029610
6	$\mathcal{O}(0; \{6^{10}, 3^{38}, 2^2\})$	93824992236886
6	$\mathcal{O}(0; \{6^{11}, 2^{51}\})$	682
6	$\mathcal{O}(0; \{6^{11}, 3^3, 2^{47}\})$	5462
6	$\mathcal{O}(0; \{6^{11}, 3^6, 2^{43}\})$	43690
6	$\mathcal{O}(0; \{6^{11}, 3^9, 2^{39}\})$	349526
6	$\mathcal{O}(0; \{6^{11}, 3^{12}, 2^{35}\})$	2796202
6	$\mathcal{O}(0; \{6^{11}, 3^{15}, 2^{31}\})$	22369622
6	$\mathcal{O}(0; \{6^{11}, 3^{18}, 2^{27}\})$	178956970

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{11}, 3^{21}, 2^{23}\})$	1431655766
6	$\mathcal{O}(0; \{6^{11}, 3^{24}, 2^{19}\})$	11453246122
6	$\mathcal{O}(0; \{6^{11}, 3^{27}, 2^{15}\})$	91625968982
6	$\mathcal{O}(0; \{6^{11}, 3^{30}, 2^{11}\})$	733007751850
6	$\mathcal{O}(0; \{6^{11}, 3^{33}, 2^7\})$	5864062014806
6	$\mathcal{O}(0; \{6^{11}, 3^{36}, 2^3\})$	46912496118442
6	$\mathcal{O}(0; \{6^{12}, 3, 2^{48}\})$	2730
6	$\mathcal{O}(0; \{6^{12}, 3^4, 2^{44}\})$	21846
6	$\mathcal{O}(0; \{6^{12}, 3^7, 2^{40}\})$	174762
6	$\mathcal{O}(0; \{6^{12}, 3^{10}, 2^{36}\})$	1398102
6	$\mathcal{O}(0; \{6^{12}, 3^{13}, 2^{32}\})$	11184810
6	$\mathcal{O}(0; \{6^{12}, 3^{16}, 2^{28}\})$	89478486
6	$\mathcal{O}(0; \{6^{12}, 3^{19}, 2^{24}\})$	715827882
6	$\mathcal{O}(0; \{6^{12}, 3^{22}, 2^{20}\})$	5726623062
6	$\mathcal{O}(0; \{6^{12}, 3^{25}, 2^{16}\})$	45812984490
6	$\mathcal{O}(0; \{6^{12}, 3^{28}, 2^{12}\})$	366503875926
6	$\mathcal{O}(0; \{6^{12}, 3^{31}, 2^8\})$	2932031007402
6	$\mathcal{O}(0; \{6^{12}, 3^{34}, 2^4\})$	23456248059222
6	$\mathcal{O}(0; \{6^{12}, 3^{37}\})$	187649984473770
6	$\mathcal{O}(0; \{6^{13}, 3^2, 2^{45}\})$	10922
6	$\mathcal{O}(0; \{6^{13}, 3^5, 2^{41}\})$	87382
6	$\mathcal{O}(0; \{6^{13}, 3^8, 2^{37}\})$	699050
6	$\mathcal{O}(0; \{6^{13}, 3^{11}, 2^{33}\})$	5592406
6	$\mathcal{O}(0; \{6^{13}, 3^{14}, 2^{29}\})$	44739242
6	$\mathcal{O}(0; \{6^{13}, 3^{17}, 2^{25}\})$	357913942
6	$\mathcal{O}(0; \{6^{13}, 3^{20}, 2^{21}\})$	2863311530
6	$\mathcal{O}(0; \{6^{13}, 3^{23}, 2^{17}\})$	22906492246
6	$\mathcal{O}(0; \{6^{13}, 3^{26}, 2^{13}\})$	183251937962
6	$\mathcal{O}(0; \{6^{13}, 3^{29}, 2^9\})$	1466015503702
6	$\mathcal{O}(0; \{6^{13}, 3^{32}, 2^5\})$	11728124029610
6	$\mathcal{O}(0; \{6^{13}, 3^{35}, 2\})$	93824992236886
6	$\mathcal{O}(0; \{6^{14}, 2^{46}\})$	5462
6	$\mathcal{O}(0; \{6^{14}, 3^3, 2^{42}\})$	43690
6	$\mathcal{O}(0; \{6^{14}, 3^6, 2^{38}\})$	349526
6	$\mathcal{O}(0; \{6^{14}, 3^9, 2^{34}\})$	2796202
6	$\mathcal{O}(0; \{6^{14}, 3^{12}, 2^{30}\})$	22369622
6	$\mathcal{O}(0; \{6^{14}, 3^{15}, 2^{26}\})$	178956970
6	$\mathcal{O}(0; \{6^{14}, 3^{18}, 2^{22}\})$	1431655766
6	$\mathcal{O}(0; \{6^{14}, 3^{21}, 2^{18}\})$	11453246122
6	$\mathcal{O}(0; \{6^{14}, 3^{24}, 2^{14}\})$	91625968982
6	$\mathcal{O}(0; \{6^{14}, 3^{27}, 2^{10}\})$	733007751850
6	$\mathcal{O}(0; \{6^{14}, 3^{30}, 2^6\})$	5864062014806
6	$\mathcal{O}(0; \{6^{14}, 3^{33}, 2^2\})$	46912496118442

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{15}, 3, 2^{43}\})$	21846
6	$\mathcal{O}(0; \{6^{15}, 3^4, 2^{39}\})$	174762
6	$\mathcal{O}(0; \{6^{15}, 3^7, 2^{35}\})$	1398102
6	$\mathcal{O}(0; \{6^{15}, 3^{10}, 2^{31}\})$	11184810
6	$\mathcal{O}(0; \{6^{15}, 3^{13}, 2^{27}\})$	89478486
6	$\mathcal{O}(0; \{6^{15}, 3^{16}, 2^{23}\})$	715827882
6	$\mathcal{O}(0; \{6^{15}, 3^{19}, 2^{19}\})$	5726623062
6	$\mathcal{O}(0; \{6^{15}, 3^{22}, 2^{15}\})$	45812984490
6	$\mathcal{O}(0; \{6^{15}, 3^{25}, 2^{11}\})$	366503875926
6	$\mathcal{O}(0; \{6^{15}, 3^{28}, 2^7\})$	2932031007402
6	$\mathcal{O}(0; \{6^{15}, 3^{31}, 2^3\})$	23456248059222
6	$\mathcal{O}(0; \{6^{16}, 3^2, 2^{40}\})$	87382
6	$\mathcal{O}(0; \{6^{16}, 3^5, 2^{36}\})$	699050
6	$\mathcal{O}(0; \{6^{16}, 3^8, 2^{32}\})$	5592406
6	$\mathcal{O}(0; \{6^{16}, 3^{11}, 2^{28}\})$	44739242
6	$\mathcal{O}(0; \{6^{16}, 3^{14}, 2^{24}\})$	357913942
6	$\mathcal{O}(0; \{6^{16}, 3^{17}, 2^{20}\})$	2863311530
6	$\mathcal{O}(0; \{6^{16}, 3^{20}, 2^{16}\})$	22906492246
6	$\mathcal{O}(0; \{6^{16}, 3^{23}, 2^{12}\})$	183251937962
6	$\mathcal{O}(0; \{6^{16}, 3^{26}, 2^8\})$	1466015503702
6	$\mathcal{O}(0; \{6^{16}, 3^{29}, 2^4\})$	11728124029610
6	$\mathcal{O}(0; \{6^{16}, 3^{32}\})$	93824992236886
6	$\mathcal{O}(0; \{6^{17}, 2^{41}\})$	43690
6	$\mathcal{O}(0; \{6^{17}, 3^3, 2^{37}\})$	349526
6	$\mathcal{O}(0; \{6^{17}, 3^6, 2^{33}\})$	2796202
6	$\mathcal{O}(0; \{6^{17}, 3^9, 2^{29}\})$	22369622
6	$\mathcal{O}(0; \{6^{17}, 3^{12}, 2^{25}\})$	178956970
6	$\mathcal{O}(0; \{6^{17}, 3^{15}, 2^{21}\})$	1431655766
6	$\mathcal{O}(0; \{6^{17}, 3^{18}, 2^{17}\})$	11453246122
6	$\mathcal{O}(0; \{6^{17}, 3^{21}, 2^{13}\})$	91625968982
6	$\mathcal{O}(0; \{6^{17}, 3^{24}, 2^9\})$	733007751850
6	$\mathcal{O}(0; \{6^{17}, 3^{27}, 2^5\})$	5864062014806
6	$\mathcal{O}(0; \{6^{17}, 3^{30}, 2\})$	46912496118442
6	$\mathcal{O}(0; \{6^{18}, 3, 2^{38}\})$	174762
6	$\mathcal{O}(0; \{6^{18}, 3^4, 2^{34}\})$	1398102
6	$\mathcal{O}(0; \{6^{18}, 3^7, 2^{30}\})$	11184810
6	$\mathcal{O}(0; \{6^{18}, 3^{10}, 2^{26}\})$	89478486
6	$\mathcal{O}(0; \{6^{18}, 3^{13}, 2^{22}\})$	715827882
6	$\mathcal{O}(0; \{6^{18}, 3^{16}, 2^{18}\})$	5726623062
6	$\mathcal{O}(0; \{6^{18}, 3^{19}, 2^{14}\})$	45812984490
6	$\mathcal{O}(0; \{6^{18}, 3^{22}, 2^{10}\})$	366503875926
6	$\mathcal{O}(0; \{6^{18}, 3^{25}, 2^6\})$	2932031007402
6	$\mathcal{O}(0; \{6^{18}, 3^{28}, 2^2\})$	23456248059222

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{19}, 3^2, 2^{35}\})$	699050
6	$\mathcal{O}(0; \{6^{19}, 3^5, 2^{31}\})$	5592406
6	$\mathcal{O}(0; \{6^{19}, 3^8, 2^{27}\})$	44739242
6	$\mathcal{O}(0; \{6^{19}, 3^{11}, 2^{23}\})$	357913942
6	$\mathcal{O}(0; \{6^{19}, 3^{14}, 2^{19}\})$	2863311530
6	$\mathcal{O}(0; \{6^{19}, 3^{17}, 2^{15}\})$	22906492246
6	$\mathcal{O}(0; \{6^{19}, 3^{20}, 2^{11}\})$	183251937962
6	$\mathcal{O}(0; \{6^{19}, 3^{23}, 2^7\})$	1466015503702
6	$\mathcal{O}(0; \{6^{19}, 3^{26}, 2^3\})$	11728124029610
6	$\mathcal{O}(0; \{6^{20}, 2^{36}\})$	349526
6	$\mathcal{O}(0; \{6^{20}, 3^3, 2^{32}\})$	2796202
6	$\mathcal{O}(0; \{6^{20}, 3^6, 2^{28}\})$	22369622
6	$\mathcal{O}(0; \{6^{20}, 3^9, 2^{24}\})$	178956970
6	$\mathcal{O}(0; \{6^{20}, 3^{12}, 2^{20}\})$	1431655766
6	$\mathcal{O}(0; \{6^{20}, 3^{15}, 2^{16}\})$	11453246122
6	$\mathcal{O}(0; \{6^{20}, 3^{18}, 2^{12}\})$	91625968982
6	$\mathcal{O}(0; \{6^{20}, 3^{21}, 2^8\})$	733007751850
6	$\mathcal{O}(0; \{6^{20}, 3^{24}, 2^4\})$	5864062014806
6	$\mathcal{O}(0; \{6^{20}, 3^{27}\})$	46912496118442
6	$\mathcal{O}(0; \{6^{21}, 3, 2^{33}\})$	1398102
6	$\mathcal{O}(0; \{6^{21}, 3^4, 2^{29}\})$	11184810
6	$\mathcal{O}(0; \{6^{21}, 3^7, 2^{25}\})$	89478486
6	$\mathcal{O}(0; \{6^{21}, 3^{10}, 2^{21}\})$	715827882
6	$\mathcal{O}(0; \{6^{21}, 3^{13}, 2^{17}\})$	5726623062
6	$\mathcal{O}(0; \{6^{21}, 3^{16}, 2^{13}\})$	45812984490
6	$\mathcal{O}(0; \{6^{21}, 3^{19}, 2^9\})$	366503875926
6	$\mathcal{O}(0; \{6^{21}, 3^{22}, 2^5\})$	2932031007402
6	$\mathcal{O}(0; \{6^{21}, 3^{25}, 2\})$	23456248059222
6	$\mathcal{O}(0; \{6^{22}, 3^2, 2^{30}\})$	5592406
6	$\mathcal{O}(0; \{6^{22}, 3^5, 2^{26}\})$	44739242
6	$\mathcal{O}(0; \{6^{22}, 3^8, 2^{22}\})$	357913942
6	$\mathcal{O}(0; \{6^{22}, 3^{11}, 2^{18}\})$	2863311530
6	$\mathcal{O}(0; \{6^{22}, 3^{14}, 2^{14}\})$	22906492246
6	$\mathcal{O}(0; \{6^{22}, 3^{17}, 2^{10}\})$	183251937962
6	$\mathcal{O}(0; \{6^{22}, 3^{20}, 2^6\})$	1466015503702
6	$\mathcal{O}(0; \{6^{22}, 3^{23}, 2^2\})$	11728124029610
6	$\mathcal{O}(0; \{6^{23}, 2^{31}\})$	2796202
6	$\mathcal{O}(0; \{6^{23}, 3^3, 2^{27}\})$	22369622
6	$\mathcal{O}(0; \{6^{23}, 3^6, 2^{23}\})$	178956970
6	$\mathcal{O}(0; \{6^{23}, 3^9, 2^{19}\})$	1431655766
6	$\mathcal{O}(0; \{6^{23}, 3^{12}, 2^{15}\})$	11453246122
6	$\mathcal{O}(0; \{6^{23}, 3^{15}, 2^{11}\})$	91625968982
6	$\mathcal{O}(0; \{6^{23}, 3^{18}, 2^7\})$	733007751850

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{23}, 3^{21}, 2^3\})$	5864062014806
6	$\mathcal{O}(0; \{6^{24}, 3, 2^{28}\})$	11184810
6	$\mathcal{O}(0; \{6^{24}, 3^4, 2^{24}\})$	89478486
6	$\mathcal{O}(0; \{6^{24}, 3^7, 2^{20}\})$	715827882
6	$\mathcal{O}(0; \{6^{24}, 3^{10}, 2^{16}\})$	5726623062
6	$\mathcal{O}(0; \{6^{24}, 3^{13}, 2^{12}\})$	45812984490
6	$\mathcal{O}(0; \{6^{24}, 3^{16}, 2^8\})$	366503875926
6	$\mathcal{O}(0; \{6^{24}, 3^{19}, 2^4\})$	2932031007402
6	$\mathcal{O}(0; \{6^{24}, 3^{22}\})$	23456248059222
6	$\mathcal{O}(0; \{6^{25}, 3^2, 2^{25}\})$	44739242
6	$\mathcal{O}(0; \{6^{25}, 3^5, 2^{21}\})$	357913942
6	$\mathcal{O}(0; \{6^{25}, 3^8, 2^{17}\})$	2863311530
6	$\mathcal{O}(0; \{6^{25}, 3^{11}, 2^{13}\})$	22906492246
6	$\mathcal{O}(0; \{6^{25}, 3^{14}, 2^9\})$	183251937962
6	$\mathcal{O}(0; \{6^{25}, 3^{17}, 2^5\})$	1466015503702
6	$\mathcal{O}(0; \{6^{25}, 3^{20}, 2\})$	11728124029610
6	$\mathcal{O}(0; \{6^{26}, 2^{26}\})$	22369622
6	$\mathcal{O}(0; \{6^{26}, 3^3, 2^{22}\})$	178956970
6	$\mathcal{O}(0; \{6^{26}, 3^6, 2^{18}\})$	1431655766
6	$\mathcal{O}(0; \{6^{26}, 3^9, 2^{14}\})$	11453246122
6	$\mathcal{O}(0; \{6^{26}, 3^{12}, 2^{10}\})$	91625968982
6	$\mathcal{O}(0; \{6^{26}, 3^{15}, 2^6\})$	733007751850
6	$\mathcal{O}(0; \{6^{26}, 3^{18}, 2^2\})$	5864062014806
6	$\mathcal{O}(0; \{6^{27}, 3, 2^{23}\})$	89478486
6	$\mathcal{O}(0; \{6^{27}, 3^4, 2^{19}\})$	715827882
6	$\mathcal{O}(0; \{6^{27}, 3^7, 2^{15}\})$	5726623062
6	$\mathcal{O}(0; \{6^{27}, 3^{10}, 2^{11}\})$	45812984490
6	$\mathcal{O}(0; \{6^{27}, 3^{13}, 2^7\})$	366503875926
6	$\mathcal{O}(0; \{6^{27}, 3^{16}, 2^3\})$	2932031007402
6	$\mathcal{O}(0; \{6^{28}, 3^2, 2^{20}\})$	357913942
6	$\mathcal{O}(0; \{6^{28}, 3^5, 2^{16}\})$	2863311530
6	$\mathcal{O}(0; \{6^{28}, 3^8, 2^{12}\})$	22906492246
6	$\mathcal{O}(0; \{6^{28}, 3^{11}, 2^8\})$	183251937962
6	$\mathcal{O}(0; \{6^{28}, 3^{14}, 2^4\})$	1466015503702
6	$\mathcal{O}(0; \{6^{28}, 3^{17}\})$	11728124029610
6	$\mathcal{O}(0; \{6^{29}, 2^{21}\})$	178956970
6	$\mathcal{O}(0; \{6^{29}, 3^3, 2^{17}\})$	1431655766
6	$\mathcal{O}(0; \{6^{29}, 3^6, 2^{13}\})$	11453246122
6	$\mathcal{O}(0; \{6^{29}, 3^9, 2^9\})$	91625968982
6	$\mathcal{O}(0; \{6^{29}, 3^{12}, 2^5\})$	733007751850
6	$\mathcal{O}(0; \{6^{29}, 3^{15}, 2\})$	5864062014806
6	$\mathcal{O}(0; \{6^{30}, 3, 2^{18}\})$	715827882
6	$\mathcal{O}(0; \{6^{30}, 3^4, 2^{14}\})$	5726623062

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{30}, 3^7, 2^{10}\})$	45812984490
6	$\mathcal{O}(0; \{6^{30}, 3^{10}, 2^6\})$	366503875926
6	$\mathcal{O}(0; \{6^{30}, 3^{13}, 2^2\})$	2932031007402
6	$\mathcal{O}(0; \{6^{31}, 3^2, 2^{15}\})$	2863311530
6	$\mathcal{O}(0; \{6^{31}, 3^5, 2^{11}\})$	22906492246
6	$\mathcal{O}(0; \{6^{31}, 3^8, 2^7\})$	183251937962
6	$\mathcal{O}(0; \{6^{31}, 3^{11}, 2^3\})$	1466015503702
6	$\mathcal{O}(0; \{6^{32}, 2^{16}\})$	1431655766
6	$\mathcal{O}(0; \{6^{32}, 3^3, 2^{12}\})$	11453246122
6	$\mathcal{O}(0; \{6^{32}, 3^6, 2^8\})$	91625968982
6	$\mathcal{O}(0; \{6^{32}, 3^9, 2^4\})$	733007751850
6	$\mathcal{O}(0; \{6^{32}, 3^{12}\})$	5864062014806
6	$\mathcal{O}(0; \{6^{33}, 3, 2^{13}\})$	5726623062
6	$\mathcal{O}(0; \{6^{33}, 3^4, 2^9\})$	45812984490
6	$\mathcal{O}(0; \{6^{33}, 3^7, 2^5\})$	366503875926
6	$\mathcal{O}(0; \{6^{33}, 3^{10}, 2\})$	2932031007402
6	$\mathcal{O}(0; \{6^{34}, 3^2, 2^{10}\})$	22906492246
6	$\mathcal{O}(0; \{6^{34}, 3^5, 2^6\})$	183251937962
6	$\mathcal{O}(0; \{6^{34}, 3^8, 2^2\})$	1466015503702
6	$\mathcal{O}(0; \{6^{35}, 2^{11}\})$	11453246122
6	$\mathcal{O}(0; \{6^{35}, 3^3, 2^7\})$	91625968982
6	$\mathcal{O}(0; \{6^{35}, 3^6, 2^3\})$	733007751850
6	$\mathcal{O}(0; \{6^{36}, 3, 2^8\})$	45812984490
6	$\mathcal{O}(0; \{6^{36}, 3^4, 2^4\})$	366503875926
6	$\mathcal{O}(0; \{6^{36}, 3^7\})$	2932031007402
6	$\mathcal{O}(0; \{6^{37}, 3^2, 2^5\})$	183251937962
6	$\mathcal{O}(0; \{6^{37}, 3^5, 2\})$	1466015503702
6	$\mathcal{O}(0; \{6^{38}, 2^6\})$	91625968982
6	$\mathcal{O}(0; \{6^{38}, 3^3, 2^2\})$	733007751850
6	$\mathcal{O}(0; \{6^{39}, 3, 2^3\})$	366503875926
6	$\mathcal{O}(0; \{6^{40}, 3^2\})$	1466015503702
6	$\mathcal{O}(0; \{6^{41}, 2\})$	733007751850
7	$\mathcal{O}(15; \emptyset)$	22539340290692258087863248
7	$\mathcal{O}(12; \{7^7\})$	7661333442908850911895990
7	$\mathcal{O}(9; \{7^{14}\})$	18229895773226095676643114
7	$\mathcal{O}(6; \{7^{21}\})$	43376519161090098429842550
7	$\mathcal{O}(3; \{7^{28}\})$	103210815798510154061810154
7	$\mathcal{O}(0; \{7^{35}\})$	245581542821203227289808310
8	$\mathcal{O}(12; \{4^2, 2^2\})$	9444732402789337006080
8	$\mathcal{O}(12; \{8^2, 4\})$	37778931862957161709568
8	$\mathcal{O}(11; \{4^2, 2^6\})$	147573917405304324096
8	$\mathcal{O}(11; \{4^4, 2^3\})$	590295669621217296384
8	$\mathcal{O}(11; \{4^6\})$	2361182678484869185536

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(11; \{8^2, 4, 2^4\})$	590295810358705651712
8	$\mathcal{O}(11; \{8^2, 4^3, 2\})$	2361183241434822606848
8	$\mathcal{O}(11; \{8^4, 2^2\})$	4722366482869645213696
8	$\mathcal{O}(10; \{4^2, 2^{10}\})$	2305840810190438400
8	$\mathcal{O}(10; \{4^4, 2^7\})$	9223363240761753600
8	$\mathcal{O}(10; \{4^6, 2^4\})$	36893452963047014400
8	$\mathcal{O}(10; \{4^8, 2\})$	147573811852188057600
8	$\mathcal{O}(10; \{8^2, 4, 2^8\})$	9223372036854775808
8	$\mathcal{O}(10; \{8^2, 4^3, 2^5\})$	36893488147419103232
8	$\mathcal{O}(10; \{8^2, 4^5, 2^2\})$	147573952589676412928
8	$\mathcal{O}(10; \{8^4, 2^6\})$	73786976294838206464
8	$\mathcal{O}(10; \{8^4, 4^2, 2^3\})$	295147905179352825856
8	$\mathcal{O}(10; \{8^4, 4^4\})$	1180591620717411303424
8	$\mathcal{O}(10; \{8^6, 4, 2\})$	2361183241434822606848
8	$\mathcal{O}(9; \{4^2, 2^{14}\})$	36028659580010496
8	$\mathcal{O}(9; \{4^4, 2^{11}\})$	144114638320041984
8	$\mathcal{O}(9; \{4^6, 2^8\})$	576458553280167936
8	$\mathcal{O}(9; \{4^8, 2^5\})$	2305834213120671744
8	$\mathcal{O}(9; \{4^{10}, 2^2\})$	9223336852482686976
8	$\mathcal{O}(9; \{8^2, 4, 2^{12}\})$	144115188075855872
8	$\mathcal{O}(9; \{8^2, 4^3, 2^9\})$	576460752303423488
8	$\mathcal{O}(9; \{8^2, 4^5, 2^6\})$	2305843009213693952
8	$\mathcal{O}(9; \{8^2, 4^7, 2^3\})$	9223372036854775808
8	$\mathcal{O}(9; \{8^2, 4^9\})$	36893488147419103232
8	$\mathcal{O}(9; \{8^4, 2^{10}\})$	1152921504606846976
8	$\mathcal{O}(9; \{8^4, 4^2, 2^7\})$	4611686018427387904
8	$\mathcal{O}(9; \{8^4, 4^4, 2^4\})$	18446744073709551616
8	$\mathcal{O}(9; \{8^4, 4^6, 2\})$	73786976294838206464
8	$\mathcal{O}(9; \{8^6, 4, 2^5\})$	36893488147419103232
8	$\mathcal{O}(9; \{8^6, 4^3, 2^2\})$	147573952589676412928
8	$\mathcal{O}(9; \{8^8, 2^3\})$	295147905179352825856
8	$\mathcal{O}(9; \{8^8, 4^2\})$	1180591620717411303424
8	$\mathcal{O}(8; \{4^2, 2^{18}\})$	562941363486720
8	$\mathcal{O}(8; \{4^4, 2^{15}\})$	2251765453946880
8	$\mathcal{O}(8; \{4^6, 2^{12}\})$	9007061815787520
8	$\mathcal{O}(8; \{4^8, 2^9\})$	36028247263150080
8	$\mathcal{O}(8; \{4^{10}, 2^6\})$	144112989052600320
8	$\mathcal{O}(8; \{4^{12}, 2^3\})$	576451956210401280
8	$\mathcal{O}(8; \{4^{14}\})$	2305807824841605120
8	$\mathcal{O}(8; \{8^2, 4, 2^{16}\})$	2251799813685248
8	$\mathcal{O}(8; \{8^2, 4^3, 2^{13}\})$	9007199254740992
8	$\mathcal{O}(8; \{8^2, 4^5, 2^{10}\})$	36028797018963968
8	$\mathcal{O}(8; \{8^2, 4^7, 2^7\})$	144115188075855872

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(8; \{8^2, 4^9, 2^4\})$	576460752303423488
8	$\mathcal{O}(8; \{8^2, 4^{11}, 2\})$	2305843009213693952
8	$\mathcal{O}(8; \{8^4, 2^{14}\})$	18014398509481984
8	$\mathcal{O}(8; \{8^4, 4^2, 2^{11}\})$	72057594037927936
8	$\mathcal{O}(8; \{8^4, 4^4, 2^8\})$	288230376151711744
8	$\mathcal{O}(8; \{8^4, 4^6, 2^5\})$	1152921504606846976
8	$\mathcal{O}(8; \{8^4, 4^8, 2^2\})$	4611686018427387904
8	$\mathcal{O}(8; \{8^6, 4, 2^9\})$	576460752303423488
8	$\mathcal{O}(8; \{8^6, 4^3, 2^6\})$	2305843009213693952
8	$\mathcal{O}(8; \{8^6, 4^5, 2^3\})$	9223372036854775808
8	$\mathcal{O}(8; \{8^6, 4^7\})$	36893488147419103232
8	$\mathcal{O}(8; \{8^8, 2^7\})$	4611686018427387904
8	$\mathcal{O}(8; \{8^8, 4^2, 2^4\})$	18446744073709551616
8	$\mathcal{O}(8; \{8^8, 4^4, 2\})$	73786976294838206464
8	$\mathcal{O}(8; \{8^{10}, 4, 2^2\})$	147573952589676412928
8	$\mathcal{O}(8; \{8^{12}\})$	1180591620717411303424
8	$\mathcal{O}(7; \{4^2, 2^{22}\})$	8795556151296
8	$\mathcal{O}(7; \{4^4, 2^{19}\})$	35182224605184
8	$\mathcal{O}(7; \{4^6, 2^{16}\})$	140728898420736
8	$\mathcal{O}(7; \{4^8, 2^{13}\})$	562915593682944
8	$\mathcal{O}(7; \{4^{10}, 2^{10}\})$	2251662374731776
8	$\mathcal{O}(7; \{4^{12}, 2^7\})$	9006649498927104
8	$\mathcal{O}(7; \{4^{14}, 2^4\})$	36026597995708416
8	$\mathcal{O}(7; \{4^{16}, 2\})$	144106391982833664
8	$\mathcal{O}(7; \{8^2, 4, 2^{20}\})$	35184372088832
8	$\mathcal{O}(7; \{8^2, 4^3, 2^{17}\})$	140737488355328
8	$\mathcal{O}(7; \{8^2, 4^5, 2^{14}\})$	562949953421312
8	$\mathcal{O}(7; \{8^2, 4^7, 2^{11}\})$	2251799813685248
8	$\mathcal{O}(7; \{8^2, 4^9, 2^8\})$	9007199254740992
8	$\mathcal{O}(7; \{8^2, 4^{11}, 2^5\})$	36028797018963968
8	$\mathcal{O}(7; \{8^2, 4^{13}, 2^2\})$	144115188075855872
8	$\mathcal{O}(7; \{8^4, 2^{18}\})$	281474976710656
8	$\mathcal{O}(7; \{8^4, 4^2, 2^{15}\})$	1125899906842624
8	$\mathcal{O}(7; \{8^4, 4^4, 2^{12}\})$	4503599627370496
8	$\mathcal{O}(7; \{8^4, 4^6, 2^9\})$	18014398509481984
8	$\mathcal{O}(7; \{8^4, 4^8, 2^6\})$	72057594037927936
8	$\mathcal{O}(7; \{8^4, 4^{10}, 2^3\})$	288230376151711744
8	$\mathcal{O}(7; \{8^4, 4^{12}\})$	1152921504606846976
8	$\mathcal{O}(7; \{8^6, 4, 2^{13}\})$	9007199254740992
8	$\mathcal{O}(7; \{8^6, 4^3, 2^{10}\})$	36028797018963968
8	$\mathcal{O}(7; \{8^6, 4^5, 2^7\})$	144115188075855872
8	$\mathcal{O}(7; \{8^6, 4^7, 2^4\})$	576460752303423488
8	$\mathcal{O}(7; \{8^6, 4^9, 2\})$	2305843009213693952

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(7; \{8^8, 2^{11}\})$	72057594037927936
8	$\mathcal{O}(7; \{8^8, 4^2, 2^8\})$	288230376151711744
8	$\mathcal{O}(7; \{8^8, 4^4, 2^5\})$	1152921504606846976
8	$\mathcal{O}(7; \{8^8, 4^6, 2^2\})$	4611686018427387904
8	$\mathcal{O}(7; \{8^{10}, 4, 2^6\})$	2305843009213693952
8	$\mathcal{O}(7; \{8^{10}, 4^3, 2^3\})$	9223372036854775808
8	$\mathcal{O}(7; \{8^{10}, 4^5\})$	36893488147419103232
8	$\mathcal{O}(7; \{8^{12}, 2^4\})$	18446744073709551616
8	$\mathcal{O}(7; \{8^{12}, 4^2, 2\})$	73786976294838206464
8	$\mathcal{O}(6; \{4^2, 2^{26}\})$	137405399040
8	$\mathcal{O}(6; \{4^4, 2^{23}\})$	549621596160
8	$\mathcal{O}(6; \{4^6, 2^{20}\})$	2198486384640
8	$\mathcal{O}(6; \{4^8, 2^{17}\})$	8793945538560
8	$\mathcal{O}(6; \{4^{10}, 2^{14}\})$	35175782154240
8	$\mathcal{O}(6; \{4^{12}, 2^{11}\})$	140703128616960
8	$\mathcal{O}(6; \{4^{14}, 2^8\})$	562812514467840
8	$\mathcal{O}(6; \{4^{16}, 2^5\})$	2251250057871360
8	$\mathcal{O}(6; \{4^{18}, 2^2\})$	9005000231485440
8	$\mathcal{O}(6; \{8^2, 4, 2^{24}\})$	549755813888
8	$\mathcal{O}(6; \{8^2, 4^3, 2^{21}\})$	2199023255552
8	$\mathcal{O}(6; \{8^2, 4^5, 2^{18}\})$	8796093022208
8	$\mathcal{O}(6; \{8^2, 4^7, 2^{15}\})$	35184372088832
8	$\mathcal{O}(6; \{8^2, 4^9, 2^{12}\})$	140737488355328
8	$\mathcal{O}(6; \{8^2, 4^{11}, 2^9\})$	562949953421312
8	$\mathcal{O}(6; \{8^2, 4^{13}, 2^6\})$	2251799813685248
8	$\mathcal{O}(6; \{8^2, 4^{15}, 2^3\})$	9007199254740992
8	$\mathcal{O}(6; \{8^2, 4^{17}\})$	36028797018963968
8	$\mathcal{O}(6; \{8^4, 2^{22}\})$	4398046511104
8	$\mathcal{O}(6; \{8^4, 4^2, 2^{19}\})$	17592186044416
8	$\mathcal{O}(6; \{8^4, 4^4, 2^{16}\})$	70368744177664
8	$\mathcal{O}(6; \{8^4, 4^6, 2^{13}\})$	281474976710656
8	$\mathcal{O}(6; \{8^4, 4^8, 2^{10}\})$	1125899906842624
8	$\mathcal{O}(6; \{8^4, 4^{10}, 2^7\})$	4503599627370496
8	$\mathcal{O}(6; \{8^4, 4^{12}, 2^4\})$	18014398509481984
8	$\mathcal{O}(6; \{8^4, 4^{14}, 2\})$	72057594037927936
8	$\mathcal{O}(6; \{8^6, 4, 2^{17}\})$	140737488355328
8	$\mathcal{O}(6; \{8^6, 4^3, 2^{14}\})$	562949953421312
8	$\mathcal{O}(6; \{8^6, 4^5, 2^{11}\})$	2251799813685248
8	$\mathcal{O}(6; \{8^6, 4^7, 2^8\})$	9007199254740992
8	$\mathcal{O}(6; \{8^6, 4^9, 2^5\})$	36028797018963968
8	$\mathcal{O}(6; \{8^6, 4^{11}, 2^2\})$	144115188075855872
8	$\mathcal{O}(6; \{8^8, 2^{15}\})$	1125899906842624
8	$\mathcal{O}(6; \{8^8, 4^2, 2^{12}\})$	4503599627370496

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(6; \{8^8, 4^4, 2^9\})$	18014398509481984
8	$\mathcal{O}(6; \{8^8, 4^6, 2^6\})$	72057594037927936
8	$\mathcal{O}(6; \{8^8, 4^8, 2^3\})$	288230376151711744
8	$\mathcal{O}(6; \{8^8, 4^{10}\})$	1152921504606846976
8	$\mathcal{O}(6; \{8^{10}, 4, 2^{10}\})$	36028797018963968
8	$\mathcal{O}(6; \{8^{10}, 4^3, 2^7\})$	144115188075855872
8	$\mathcal{O}(6; \{8^{10}, 4^5, 2^4\})$	576460752303423488
8	$\mathcal{O}(6; \{8^{10}, 4^7, 2\})$	2305843009213693952
8	$\mathcal{O}(6; \{8^{12}, 2^8\})$	288230376151711744
8	$\mathcal{O}(6; \{8^{12}, 4^2, 2^5\})$	1152921504606846976
8	$\mathcal{O}(6; \{8^{12}, 4^4, 2^2\})$	4611686018427387904
8	$\mathcal{O}(6; \{8^{14}, 4, 2^3\})$	9223372036854775808
8	$\mathcal{O}(6; \{8^{14}, 4^3\})$	36893488147419103232
8	$\mathcal{O}(6; \{8^{16}, 2\})$	73786976294838206464
8	$\mathcal{O}(5; \{4^2, 2^{30}\})$	2145386496
8	$\mathcal{O}(5; \{4^4, 2^{27}\})$	8581545984
8	$\mathcal{O}(5; \{4^6, 2^{24}\})$	34326183936
8	$\mathcal{O}(5; \{4^8, 2^{21}\})$	137304735744
8	$\mathcal{O}(5; \{4^{10}, 2^{18}\})$	549218942976
8	$\mathcal{O}(5; \{4^{12}, 2^{15}\})$	2196875771904
8	$\mathcal{O}(5; \{4^{14}, 2^{12}\})$	8787503087616
8	$\mathcal{O}(5; \{4^{16}, 2^9\})$	35150012350464
8	$\mathcal{O}(5; \{4^{18}, 2^6\})$	140600049401856
8	$\mathcal{O}(5; \{4^{20}, 2^3\})$	562400197607424
8	$\mathcal{O}(5; \{4^{22}\})$	2249600790429696
8	$\mathcal{O}(5; \{8^2, 4, 2^{28}\})$	8589934592
8	$\mathcal{O}(5; \{8^2, 4^3, 2^{25}\})$	34359738368
8	$\mathcal{O}(5; \{8^2, 4^5, 2^{22}\})$	137438953472
8	$\mathcal{O}(5; \{8^2, 4^7, 2^{19}\})$	549755813888
8	$\mathcal{O}(5; \{8^2, 4^9, 2^{16}\})$	2199023255552
8	$\mathcal{O}(5; \{8^2, 4^{11}, 2^{13}\})$	8796093022208
8	$\mathcal{O}(5; \{8^2, 4^{13}, 2^{10}\})$	35184372088832
8	$\mathcal{O}(5; \{8^2, 4^{15}, 2^7\})$	140737488355328
8	$\mathcal{O}(5; \{8^2, 4^{17}, 2^4\})$	562949953421312
8	$\mathcal{O}(5; \{8^2, 4^{19}, 2\})$	2251799813685248
8	$\mathcal{O}(5; \{8^4, 2^{26}\})$	68719476736
8	$\mathcal{O}(5; \{8^4, 4^2, 2^{23}\})$	274877906944
8	$\mathcal{O}(5; \{8^4, 4^4, 2^{20}\})$	1099511627776
8	$\mathcal{O}(5; \{8^4, 4^6, 2^{17}\})$	4398046511104
8	$\mathcal{O}(5; \{8^4, 4^8, 2^{14}\})$	17592186044416
8	$\mathcal{O}(5; \{8^4, 4^{10}, 2^{11}\})$	70368744177664
8	$\mathcal{O}(5; \{8^4, 4^{12}, 2^8\})$	281474976710656
8	$\mathcal{O}(5; \{8^4, 4^{14}, 2^5\})$	1125899906842624

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(5; \{8^4, 4^{16}, 2^2\})$	4503599627370496
8	$\mathcal{O}(5; \{8^6, 4, 2^{21}\})$	2199023255552
8	$\mathcal{O}(5; \{8^6, 4^3, 2^{18}\})$	8796093022208
8	$\mathcal{O}(5; \{8^6, 4^5, 2^{15}\})$	35184372088832
8	$\mathcal{O}(5; \{8^6, 4^7, 2^{12}\})$	140737488355328
8	$\mathcal{O}(5; \{8^6, 4^9, 2^9\})$	562949953421312
8	$\mathcal{O}(5; \{8^6, 4^{11}, 2^6\})$	2251799813685248
8	$\mathcal{O}(5; \{8^6, 4^{13}, 2^3\})$	9007199254740992
8	$\mathcal{O}(5; \{8^6, 4^{15}\})$	36028797018963968
8	$\mathcal{O}(5; \{8^8, 2^{19}\})$	17592186044416
8	$\mathcal{O}(5; \{8^8, 4^2, 2^{16}\})$	70368744177664
8	$\mathcal{O}(5; \{8^8, 4^4, 2^{13}\})$	281474976710656
8	$\mathcal{O}(5; \{8^8, 4^6, 2^{10}\})$	1125899906842624
8	$\mathcal{O}(5; \{8^8, 4^8, 2^7\})$	4503599627370496
8	$\mathcal{O}(5; \{8^8, 4^{10}, 2^4\})$	18014398509481984
8	$\mathcal{O}(5; \{8^8, 4^{12}, 2\})$	72057594037927936
8	$\mathcal{O}(5; \{8^{10}, 4, 2^{14}\})$	562949953421312
8	$\mathcal{O}(5; \{8^{10}, 4^3, 2^{11}\})$	2251799813685248
8	$\mathcal{O}(5; \{8^{10}, 4^5, 2^8\})$	9007199254740992
8	$\mathcal{O}(5; \{8^{10}, 4^7, 2^5\})$	36028797018963968
8	$\mathcal{O}(5; \{8^{10}, 4^9, 2^2\})$	144115188075855872
8	$\mathcal{O}(5; \{8^{12}, 2^{12}\})$	4503599627370496
8	$\mathcal{O}(5; \{8^{12}, 4^2, 2^9\})$	18014398509481984
8	$\mathcal{O}(5; \{8^{12}, 4^4, 2^6\})$	72057594037927936
8	$\mathcal{O}(5; \{8^{12}, 4^6, 2^3\})$	288230376151711744
8	$\mathcal{O}(5; \{8^{12}, 4^8\})$	1152921504606846976
8	$\mathcal{O}(5; \{8^{14}, 4, 2^7\})$	144115188075855872
8	$\mathcal{O}(5; \{8^{14}, 4^3, 2^4\})$	576460752303423488
8	$\mathcal{O}(5; \{8^{14}, 4^5, 2\})$	2305843009213693952
8	$\mathcal{O}(5; \{8^{16}, 2^5\})$	1152921504606846976
8	$\mathcal{O}(5; \{8^{16}, 4^2, 2^2\})$	4611686018427387904
8	$\mathcal{O}(5; \{8^{18}, 4\})$	36893488147419103232
8	$\mathcal{O}(4; \{4^2, 2^{34}\})$	33423360
8	$\mathcal{O}(4; \{4^4, 2^{31}\})$	133693440
8	$\mathcal{O}(4; \{4^6, 2^{28}\})$	534773760
8	$\mathcal{O}(4; \{4^8, 2^{25}\})$	2139095040
8	$\mathcal{O}(4; \{4^{10}, 2^{22}\})$	8556380160
8	$\mathcal{O}(4; \{4^{12}, 2^{19}\})$	34225520640
8	$\mathcal{O}(4; \{4^{14}, 2^{16}\})$	136902082560
8	$\mathcal{O}(4; \{4^{16}, 2^{13}\})$	547608330240
8	$\mathcal{O}(4; \{4^{18}, 2^{10}\})$	2190433320960
8	$\mathcal{O}(4; \{4^{20}, 2^7\})$	8761733283840
8	$\mathcal{O}(4; \{4^{22}, 2^4\})$	35046933135360

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(4; \{4^{24}, 2\})$	140187732541440
8	$\mathcal{O}(4; \{8^2, 4, 2^{32}\})$	134217728
8	$\mathcal{O}(4; \{8^2, 4^3, 2^{29}\})$	536870912
8	$\mathcal{O}(4; \{8^2, 4^5, 2^{26}\})$	2147483648
8	$\mathcal{O}(4; \{8^2, 4^7, 2^{23}\})$	8589934592
8	$\mathcal{O}(4; \{8^2, 4^9, 2^{20}\})$	34359738368
8	$\mathcal{O}(4; \{8^2, 4^{11}, 2^{17}\})$	137438953472
8	$\mathcal{O}(4; \{8^2, 4^{13}, 2^{14}\})$	549755813888
8	$\mathcal{O}(4; \{8^2, 4^{15}, 2^{11}\})$	2199023255552
8	$\mathcal{O}(4; \{8^2, 4^{17}, 2^8\})$	8796093022208
8	$\mathcal{O}(4; \{8^2, 4^{19}, 2^5\})$	35184372088832
8	$\mathcal{O}(4; \{8^2, 4^{21}, 2^2\})$	140737488355328
8	$\mathcal{O}(4; \{8^4, 2^{30}\})$	1073741824
8	$\mathcal{O}(4; \{8^4, 4^2, 2^{27}\})$	4294967296
8	$\mathcal{O}(4; \{8^4, 4^4, 2^{24}\})$	17179869184
8	$\mathcal{O}(4; \{8^4, 4^6, 2^{21}\})$	68719476736
8	$\mathcal{O}(4; \{8^4, 4^8, 2^{18}\})$	274877906944
8	$\mathcal{O}(4; \{8^4, 4^{10}, 2^{15}\})$	1099511627776
8	$\mathcal{O}(4; \{8^4, 4^{12}, 2^{12}\})$	4398046511104
8	$\mathcal{O}(4; \{8^4, 4^{14}, 2^9\})$	17592186044416
8	$\mathcal{O}(4; \{8^4, 4^{16}, 2^6\})$	70368744177664
8	$\mathcal{O}(4; \{8^4, 4^{18}, 2^3\})$	281474976710656
8	$\mathcal{O}(4; \{8^4, 4^{20}\})$	1125899906842624
8	$\mathcal{O}(4; \{8^6, 4, 2^{25}\})$	34359738368
8	$\mathcal{O}(4; \{8^6, 4^3, 2^{22}\})$	137438953472
8	$\mathcal{O}(4; \{8^6, 4^5, 2^{19}\})$	549755813888
8	$\mathcal{O}(4; \{8^6, 4^7, 2^{16}\})$	2199023255552
8	$\mathcal{O}(4; \{8^6, 4^9, 2^{13}\})$	8796093022208
8	$\mathcal{O}(4; \{8^6, 4^{11}, 2^{10}\})$	35184372088832
8	$\mathcal{O}(4; \{8^6, 4^{13}, 2^7\})$	140737488355328
8	$\mathcal{O}(4; \{8^6, 4^{15}, 2^4\})$	562949953421312
8	$\mathcal{O}(4; \{8^6, 4^{17}, 2\})$	2251799813685248
8	$\mathcal{O}(4; \{8^8, 2^{23}\})$	274877906944
8	$\mathcal{O}(4; \{8^8, 4^2, 2^{20}\})$	1099511627776
8	$\mathcal{O}(4; \{8^8, 4^4, 2^{17}\})$	4398046511104
8	$\mathcal{O}(4; \{8^8, 4^6, 2^{14}\})$	17592186044416
8	$\mathcal{O}(4; \{8^8, 4^8, 2^{11}\})$	70368744177664
8	$\mathcal{O}(4; \{8^8, 4^{10}, 2^8\})$	281474976710656
8	$\mathcal{O}(4; \{8^8, 4^{12}, 2^5\})$	1125899906842624
8	$\mathcal{O}(4; \{8^8, 4^{14}, 2^2\})$	4503599627370496
8	$\mathcal{O}(4; \{8^{10}, 4, 2^{18}\})$	8796093022208
8	$\mathcal{O}(4; \{8^{10}, 4^3, 2^{15}\})$	35184372088832
8	$\mathcal{O}(4; \{8^{10}, 4^5, 2^{12}\})$	140737488355328

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(4; \{8^{10}, 4^7, 2^9\})$	562949953421312
8	$\mathcal{O}(4; \{8^{10}, 4^9, 2^6\})$	2251799813685248
8	$\mathcal{O}(4; \{8^{10}, 4^{11}, 2^3\})$	9007199254740992
8	$\mathcal{O}(4; \{8^{10}, 4^{13}\})$	36028797018963968
8	$\mathcal{O}(4; \{8^{12}, 2^{16}\})$	70368744177664
8	$\mathcal{O}(4; \{8^{12}, 4^2, 2^{13}\})$	281474976710656
8	$\mathcal{O}(4; \{8^{12}, 4^4, 2^{10}\})$	1125899906842624
8	$\mathcal{O}(4; \{8^{12}, 4^6, 2^7\})$	4503599627370496
8	$\mathcal{O}(4; \{8^{12}, 4^8, 2^4\})$	18014398509481984
8	$\mathcal{O}(4; \{8^{12}, 4^{10}, 2\})$	72057594037927936
8	$\mathcal{O}(4; \{8^{14}, 4, 2^{11}\})$	2251799813685248
8	$\mathcal{O}(4; \{8^{14}, 4^3, 2^8\})$	9007199254740992
8	$\mathcal{O}(4; \{8^{14}, 4^5, 2^5\})$	36028797018963968
8	$\mathcal{O}(4; \{8^{14}, 4^7, 2^2\})$	144115188075855872
8	$\mathcal{O}(4; \{8^{16}, 2^9\})$	18014398509481984
8	$\mathcal{O}(4; \{8^{16}, 4^2, 2^6\})$	72057594037927936
8	$\mathcal{O}(4; \{8^{16}, 4^4, 2^3\})$	288230376151711744
8	$\mathcal{O}(4; \{8^{16}, 4^6\})$	1152921504606846976
8	$\mathcal{O}(4; \{8^{18}, 4, 2^4\})$	576460752303423488
8	$\mathcal{O}(4; \{8^{18}, 4^3, 2\})$	2305843009213693952
8	$\mathcal{O}(4; \{8^{20}, 2^2\})$	4611686018427387904
8	$\mathcal{O}(3; \{4^2, 2^{38}\})$	516096
8	$\mathcal{O}(3; \{4^4, 2^{35}\})$	2064384
8	$\mathcal{O}(3; \{4^6, 2^{32}\})$	8257536
8	$\mathcal{O}(3; \{4^8, 2^{29}\})$	33030144
8	$\mathcal{O}(3; \{4^{10}, 2^{26}\})$	132120576
8	$\mathcal{O}(3; \{4^{12}, 2^{23}\})$	528482304
8	$\mathcal{O}(3; \{4^{14}, 2^{20}\})$	2113929216
8	$\mathcal{O}(3; \{4^{16}, 2^{17}\})$	8455716864
8	$\mathcal{O}(3; \{4^{18}, 2^{14}\})$	33822867456
8	$\mathcal{O}(3; \{4^{20}, 2^{11}\})$	135291469824
8	$\mathcal{O}(3; \{4^{22}, 2^8\})$	541165879296
8	$\mathcal{O}(3; \{4^{24}, 2^5\})$	2164663517184
8	$\mathcal{O}(3; \{4^{26}, 2^2\})$	8658654068736
8	$\mathcal{O}(3; \{8^2, 4, 2^{36}\})$	2097152
8	$\mathcal{O}(3; \{8^2, 4^3, 2^{33}\})$	8388608
8	$\mathcal{O}(3; \{8^2, 4^5, 2^{30}\})$	33554432
8	$\mathcal{O}(3; \{8^2, 4^7, 2^{27}\})$	134217728
8	$\mathcal{O}(3; \{8^2, 4^9, 2^{24}\})$	536870912
8	$\mathcal{O}(3; \{8^2, 4^{11}, 2^{21}\})$	2147483648
8	$\mathcal{O}(3; \{8^2, 4^{13}, 2^{18}\})$	8589934592
8	$\mathcal{O}(3; \{8^2, 4^{15}, 2^{15}\})$	34359738368
8	$\mathcal{O}(3; \{8^2, 4^{17}, 2^{12}\})$	137438953472

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(3; \{8^2, 4^{19}, 2^9\})$	549755813888
8	$\mathcal{O}(3; \{8^2, 4^{21}, 2^6\})$	2199023255552
8	$\mathcal{O}(3; \{8^2, 4^{23}, 2^3\})$	8796093022208
8	$\mathcal{O}(3; \{8^2, 4^{25}\})$	35184372088832
8	$\mathcal{O}(3; \{8^4, 2^{34}\})$	16777216
8	$\mathcal{O}(3; \{8^4, 4^2, 2^{31}\})$	67108864
8	$\mathcal{O}(3; \{8^4, 4^4, 2^{28}\})$	268435456
8	$\mathcal{O}(3; \{8^4, 4^6, 2^{25}\})$	1073741824
8	$\mathcal{O}(3; \{8^4, 4^8, 2^{22}\})$	4294967296
8	$\mathcal{O}(3; \{8^4, 4^{10}, 2^{19}\})$	17179869184
8	$\mathcal{O}(3; \{8^4, 4^{12}, 2^{16}\})$	68719476736
8	$\mathcal{O}(3; \{8^4, 4^{14}, 2^{13}\})$	274877906944
8	$\mathcal{O}(3; \{8^4, 4^{16}, 2^{10}\})$	1099511627776
8	$\mathcal{O}(3; \{8^4, 4^{18}, 2^7\})$	4398046511104
8	$\mathcal{O}(3; \{8^4, 4^{20}, 2^4\})$	17592186044416
8	$\mathcal{O}(3; \{8^4, 4^{22}, 2\})$	70368744177664
8	$\mathcal{O}(3; \{8^6, 4, 2^{29}\})$	536870912
8	$\mathcal{O}(3; \{8^6, 4^3, 2^{26}\})$	2147483648
8	$\mathcal{O}(3; \{8^6, 4^5, 2^{23}\})$	8589934592
8	$\mathcal{O}(3; \{8^6, 4^7, 2^{20}\})$	34359738368
8	$\mathcal{O}(3; \{8^6, 4^9, 2^{17}\})$	137438953472
8	$\mathcal{O}(3; \{8^6, 4^{11}, 2^{14}\})$	549755813888
8	$\mathcal{O}(3; \{8^6, 4^{13}, 2^{11}\})$	2199023255552
8	$\mathcal{O}(3; \{8^6, 4^{15}, 2^8\})$	8796093022208
8	$\mathcal{O}(3; \{8^6, 4^{17}, 2^5\})$	35184372088832
8	$\mathcal{O}(3; \{8^6, 4^{19}, 2^2\})$	140737488355328
8	$\mathcal{O}(3; \{8^8, 2^{27}\})$	4294967296
8	$\mathcal{O}(3; \{8^8, 4^2, 2^{24}\})$	17179869184
8	$\mathcal{O}(3; \{8^8, 4^4, 2^{21}\})$	68719476736
8	$\mathcal{O}(3; \{8^8, 4^6, 2^{18}\})$	274877906944
8	$\mathcal{O}(3; \{8^8, 4^8, 2^{15}\})$	1099511627776
8	$\mathcal{O}(3; \{8^8, 4^{10}, 2^{12}\})$	4398046511104
8	$\mathcal{O}(3; \{8^8, 4^{12}, 2^9\})$	17592186044416
8	$\mathcal{O}(3; \{8^8, 4^{14}, 2^6\})$	70368744177664
8	$\mathcal{O}(3; \{8^8, 4^{16}, 2^3\})$	281474976710656
8	$\mathcal{O}(3; \{8^8, 4^{18}\})$	1125899906842624
8	$\mathcal{O}(3; \{8^{10}, 4, 2^{22}\})$	137438953472
8	$\mathcal{O}(3; \{8^{10}, 4^3, 2^{19}\})$	549755813888
8	$\mathcal{O}(3; \{8^{10}, 4^5, 2^{16}\})$	2199023255552
8	$\mathcal{O}(3; \{8^{10}, 4^7, 2^{13}\})$	8796093022208
8	$\mathcal{O}(3; \{8^{10}, 4^9, 2^{10}\})$	35184372088832
8	$\mathcal{O}(3; \{8^{10}, 4^{11}, 2^7\})$	140737488355328
8	$\mathcal{O}(3; \{8^{10}, 4^{13}, 2^4\})$	562949953421312

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(3; \{8^{10}, 4^{15}, 2\})$	2251799813685248
8	$\mathcal{O}(3; \{8^{12}, 2^{20}\})$	1099511627776
8	$\mathcal{O}(3; \{8^{12}, 4^2, 2^{17}\})$	4398046511104
8	$\mathcal{O}(3; \{8^{12}, 4^4, 2^{14}\})$	17592186044416
8	$\mathcal{O}(3; \{8^{12}, 4^6, 2^{11}\})$	70368744177664
8	$\mathcal{O}(3; \{8^{12}, 4^8, 2^8\})$	281474976710656
8	$\mathcal{O}(3; \{8^{12}, 4^{10}, 2^5\})$	1125899906842624
8	$\mathcal{O}(3; \{8^{12}, 4^{12}, 2^2\})$	4503599627370496
8	$\mathcal{O}(3; \{8^{14}, 4, 2^{15}\})$	35184372088832
8	$\mathcal{O}(3; \{8^{14}, 4^3, 2^{12}\})$	140737488355328
8	$\mathcal{O}(3; \{8^{14}, 4^5, 2^9\})$	562949953421312
8	$\mathcal{O}(3; \{8^{14}, 4^7, 2^6\})$	2251799813685248
8	$\mathcal{O}(3; \{8^{14}, 4^9, 2^3\})$	9007199254740992
8	$\mathcal{O}(3; \{8^{14}, 4^{11}\})$	36028797018963968
8	$\mathcal{O}(3; \{8^{16}, 2^{13}\})$	281474976710656
8	$\mathcal{O}(3; \{8^{16}, 4^2, 2^{10}\})$	1125899906842624
8	$\mathcal{O}(3; \{8^{16}, 4^4, 2^7\})$	4503599627370496
8	$\mathcal{O}(3; \{8^{16}, 4^6, 2^4\})$	18014398509481984
8	$\mathcal{O}(3; \{8^{16}, 4^8, 2\})$	72057594037927936
8	$\mathcal{O}(3; \{8^{18}, 4, 2^8\})$	9007199254740992
8	$\mathcal{O}(3; \{8^{18}, 4^3, 2^5\})$	36028797018963968
8	$\mathcal{O}(3; \{8^{18}, 4^5, 2^2\})$	144115188075855872
8	$\mathcal{O}(3; \{8^{20}, 2^6\})$	72057594037927936
8	$\mathcal{O}(3; \{8^{20}, 4^2, 2^3\})$	288230376151711744
8	$\mathcal{O}(3; \{8^{20}, 4^4\})$	1152921504606846976
8	$\mathcal{O}(3; \{8^{22}, 4, 2\})$	2305843009213693952
8	$\mathcal{O}(2; \{4^2, 2^{42}\})$	7680
8	$\mathcal{O}(2; \{4^4, 2^{39}\})$	30720
8	$\mathcal{O}(2; \{4^6, 2^{36}\})$	122880
8	$\mathcal{O}(2; \{4^8, 2^{33}\})$	491520
8	$\mathcal{O}(2; \{4^{10}, 2^{30}\})$	1966080
8	$\mathcal{O}(2; \{4^{12}, 2^{27}\})$	7864320
8	$\mathcal{O}(2; \{4^{14}, 2^{24}\})$	31457280
8	$\mathcal{O}(2; \{4^{16}, 2^{21}\})$	125829120
8	$\mathcal{O}(2; \{4^{18}, 2^{18}\})$	503316480
8	$\mathcal{O}(2; \{4^{20}, 2^{15}\})$	2013265920
8	$\mathcal{O}(2; \{4^{22}, 2^{12}\})$	8053063680
8	$\mathcal{O}(2; \{4^{24}, 2^9\})$	32212254720
8	$\mathcal{O}(2; \{4^{26}, 2^6\})$	128849018880
8	$\mathcal{O}(2; \{4^{28}, 2^3\})$	515396075520
8	$\mathcal{O}(2; \{4^{30}\})$	2061584302080
8	$\mathcal{O}(2; \{8^2, 4, 2^{40}\})$	32768
8	$\mathcal{O}(2; \{8^2, 4^3, 2^{37}\})$	131072

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{8^2, 4^5, 2^{34}\})$	524288
8	$\mathcal{O}(2; \{8^2, 4^7, 2^{31}\})$	2097152
8	$\mathcal{O}(2; \{8^2, 4^9, 2^{28}\})$	8388608
8	$\mathcal{O}(2; \{8^2, 4^{11}, 2^{25}\})$	33554432
8	$\mathcal{O}(2; \{8^2, 4^{13}, 2^{22}\})$	134217728
8	$\mathcal{O}(2; \{8^2, 4^{15}, 2^{19}\})$	536870912
8	$\mathcal{O}(2; \{8^2, 4^{17}, 2^{16}\})$	2147483648
8	$\mathcal{O}(2; \{8^2, 4^{19}, 2^{13}\})$	8589934592
8	$\mathcal{O}(2; \{8^2, 4^{21}, 2^{10}\})$	34359738368
8	$\mathcal{O}(2; \{8^2, 4^{23}, 2^7\})$	137438953472
8	$\mathcal{O}(2; \{8^2, 4^{25}, 2^4\})$	549755813888
8	$\mathcal{O}(2; \{8^2, 4^{27}, 2\})$	2199023255552
8	$\mathcal{O}(2; \{8^4, 2^{38}\})$	262144
8	$\mathcal{O}(2; \{8^4, 4^2, 2^{35}\})$	1048576
8	$\mathcal{O}(2; \{8^4, 4^4, 2^{32}\})$	4194304
8	$\mathcal{O}(2; \{8^4, 4^6, 2^{29}\})$	16777216
8	$\mathcal{O}(2; \{8^4, 4^8, 2^{26}\})$	67108864
8	$\mathcal{O}(2; \{8^4, 4^{10}, 2^{23}\})$	268435456
8	$\mathcal{O}(2; \{8^4, 4^{12}, 2^{20}\})$	1073741824
8	$\mathcal{O}(2; \{8^4, 4^{14}, 2^{17}\})$	4294967296
8	$\mathcal{O}(2; \{8^4, 4^{16}, 2^{14}\})$	17179869184
8	$\mathcal{O}(2; \{8^4, 4^{18}, 2^{11}\})$	68719476736
8	$\mathcal{O}(2; \{8^4, 4^{20}, 2^8\})$	274877906944
8	$\mathcal{O}(2; \{8^4, 4^{22}, 2^5\})$	1099511627776
8	$\mathcal{O}(2; \{8^4, 4^{24}, 2^2\})$	4398046511104
8	$\mathcal{O}(2; \{8^6, 4, 2^{33}\})$	8388608
8	$\mathcal{O}(2; \{8^6, 4^3, 2^{30}\})$	33554432
8	$\mathcal{O}(2; \{8^6, 4^5, 2^{27}\})$	134217728
8	$\mathcal{O}(2; \{8^6, 4^7, 2^{24}\})$	536870912
8	$\mathcal{O}(2; \{8^6, 4^9, 2^{21}\})$	2147483648
8	$\mathcal{O}(2; \{8^6, 4^{11}, 2^{18}\})$	8589934592
8	$\mathcal{O}(2; \{8^6, 4^{13}, 2^{15}\})$	34359738368
8	$\mathcal{O}(2; \{8^6, 4^{15}, 2^{12}\})$	137438953472
8	$\mathcal{O}(2; \{8^6, 4^{17}, 2^9\})$	549755813888
8	$\mathcal{O}(2; \{8^6, 4^{19}, 2^6\})$	2199023255552
8	$\mathcal{O}(2; \{8^6, 4^{21}, 2^3\})$	8796093022208
8	$\mathcal{O}(2; \{8^6, 4^{23}\})$	35184372088832
8	$\mathcal{O}(2; \{8^8, 2^{31}\})$	67108864
8	$\mathcal{O}(2; \{8^8, 4^2, 2^{28}\})$	268435456
8	$\mathcal{O}(2; \{8^8, 4^4, 2^{25}\})$	1073741824
8	$\mathcal{O}(2; \{8^8, 4^6, 2^{22}\})$	4294967296
8	$\mathcal{O}(2; \{8^8, 4^8, 2^{19}\})$	17179869184
8	$\mathcal{O}(2; \{8^8, 4^{10}, 2^{16}\})$	68719476736

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{8^8, 4^{12}, 2^{13}\})$	274877906944
8	$\mathcal{O}(2; \{8^8, 4^{14}, 2^{10}\})$	1099511627776
8	$\mathcal{O}(2; \{8^8, 4^{16}, 2^7\})$	4398046511104
8	$\mathcal{O}(2; \{8^8, 4^{18}, 2^4\})$	17592186044416
8	$\mathcal{O}(2; \{8^8, 4^{20}, 2\})$	70368744177664
8	$\mathcal{O}(2; \{8^{10}, 4, 2^{26}\})$	2147483648
8	$\mathcal{O}(2; \{8^{10}, 4^3, 2^{23}\})$	8589934592
8	$\mathcal{O}(2; \{8^{10}, 4^5, 2^{20}\})$	34359738368
8	$\mathcal{O}(2; \{8^{10}, 4^7, 2^{17}\})$	137438953472
8	$\mathcal{O}(2; \{8^{10}, 4^9, 2^{14}\})$	549755813888
8	$\mathcal{O}(2; \{8^{10}, 4^{11}, 2^{11}\})$	2199023255552
8	$\mathcal{O}(2; \{8^{10}, 4^{13}, 2^8\})$	8796093022208
8	$\mathcal{O}(2; \{8^{10}, 4^{15}, 2^5\})$	35184372088832
8	$\mathcal{O}(2; \{8^{10}, 4^{17}, 2^2\})$	140737488355328
8	$\mathcal{O}(2; \{8^{12}, 2^{24}\})$	17179869184
8	$\mathcal{O}(2; \{8^{12}, 4^2, 2^{21}\})$	68719476736
8	$\mathcal{O}(2; \{8^{12}, 4^4, 2^{18}\})$	274877906944
8	$\mathcal{O}(2; \{8^{12}, 4^6, 2^{15}\})$	1099511627776
8	$\mathcal{O}(2; \{8^{12}, 4^8, 2^{12}\})$	4398046511104
8	$\mathcal{O}(2; \{8^{12}, 4^{10}, 2^9\})$	17592186044416
8	$\mathcal{O}(2; \{8^{12}, 4^{12}, 2^6\})$	70368744177664
8	$\mathcal{O}(2; \{8^{12}, 4^{14}, 2^3\})$	281474976710656
8	$\mathcal{O}(2; \{8^{12}, 4^{16}\})$	1125899906842624
8	$\mathcal{O}(2; \{8^{14}, 4, 2^{19}\})$	549755813888
8	$\mathcal{O}(2; \{8^{14}, 4^3, 2^{16}\})$	2199023255552
8	$\mathcal{O}(2; \{8^{14}, 4^5, 2^{13}\})$	8796093022208
8	$\mathcal{O}(2; \{8^{14}, 4^7, 2^{10}\})$	35184372088832
8	$\mathcal{O}(2; \{8^{14}, 4^9, 2^7\})$	140737488355328
8	$\mathcal{O}(2; \{8^{14}, 4^{11}, 2^4\})$	562949953421312
8	$\mathcal{O}(2; \{8^{14}, 4^{13}, 2\})$	2251799813685248
8	$\mathcal{O}(2; \{8^{16}, 2^{17}\})$	4398046511104
8	$\mathcal{O}(2; \{8^{16}, 4^2, 2^{14}\})$	17592186044416
8	$\mathcal{O}(2; \{8^{16}, 4^4, 2^{11}\})$	70368744177664
8	$\mathcal{O}(2; \{8^{16}, 4^6, 2^8\})$	281474976710656
8	$\mathcal{O}(2; \{8^{16}, 4^8, 2^5\})$	1125899906842624
8	$\mathcal{O}(2; \{8^{16}, 4^{10}, 2^2\})$	4503599627370496
8	$\mathcal{O}(2; \{8^{18}, 4, 2^{12}\})$	140737488355328
8	$\mathcal{O}(2; \{8^{18}, 4^3, 2^9\})$	562949953421312
8	$\mathcal{O}(2; \{8^{18}, 4^5, 2^6\})$	2251799813685248
8	$\mathcal{O}(2; \{8^{18}, 4^7, 2^3\})$	9007199254740992
8	$\mathcal{O}(2; \{8^{18}, 4^9\})$	36028797018963968
8	$\mathcal{O}(2; \{8^{20}, 2^{10}\})$	1125899906842624
8	$\mathcal{O}(2; \{8^{20}, 4^2, 2^7\})$	4503599627370496

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{8^{20}, 4^4, 2^4\})$	18014398509481984
8	$\mathcal{O}(2; \{8^{20}, 4^6, 2\})$	72057594037927936
8	$\mathcal{O}(2; \{8^{22}, 4, 2^5\})$	36028797018963968
8	$\mathcal{O}(2; \{8^{22}, 4^3, 2^2\})$	144115188075855872
8	$\mathcal{O}(2; \{8^{24}, 2^3\})$	288230376151711744
8	$\mathcal{O}(2; \{8^{24}, 4^2\})$	1152921504606846976
8	$\mathcal{O}(1; \{4^2, 2^{46}\})$	96
8	$\mathcal{O}(1; \{4^4, 2^{43}\})$	384
8	$\mathcal{O}(1; \{4^6, 2^{40}\})$	1536
8	$\mathcal{O}(1; \{4^8, 2^{37}\})$	6144
8	$\mathcal{O}(1; \{4^{10}, 2^{34}\})$	24576
8	$\mathcal{O}(1; \{4^{12}, 2^{31}\})$	98304
8	$\mathcal{O}(1; \{4^{14}, 2^{28}\})$	393216
8	$\mathcal{O}(1; \{4^{16}, 2^{25}\})$	1572864
8	$\mathcal{O}(1; \{4^{18}, 2^{22}\})$	6291456
8	$\mathcal{O}(1; \{4^{20}, 2^{19}\})$	25165824
8	$\mathcal{O}(1; \{4^{22}, 2^{16}\})$	100663296
8	$\mathcal{O}(1; \{4^{24}, 2^{13}\})$	402653184
8	$\mathcal{O}(1; \{4^{26}, 2^{10}\})$	1610612736
8	$\mathcal{O}(1; \{4^{28}, 2^7\})$	6442450944
8	$\mathcal{O}(1; \{4^{30}, 2^4\})$	25769803776
8	$\mathcal{O}(1; \{4^{32}, 2\})$	103079215104
8	$\mathcal{O}(1; \{8^2, 4, 2^{44}\})$	512
8	$\mathcal{O}(1; \{8^2, 4^3, 2^{41}\})$	2048
8	$\mathcal{O}(1; \{8^2, 4^5, 2^{38}\})$	8192
8	$\mathcal{O}(1; \{8^2, 4^7, 2^{35}\})$	32768
8	$\mathcal{O}(1; \{8^2, 4^9, 2^{32}\})$	131072
8	$\mathcal{O}(1; \{8^2, 4^{11}, 2^{29}\})$	524288
8	$\mathcal{O}(1; \{8^2, 4^{13}, 2^{26}\})$	2097152
8	$\mathcal{O}(1; \{8^2, 4^{15}, 2^{23}\})$	8388608
8	$\mathcal{O}(1; \{8^2, 4^{17}, 2^{20}\})$	33554432
8	$\mathcal{O}(1; \{8^2, 4^{19}, 2^{17}\})$	134217728
8	$\mathcal{O}(1; \{8^2, 4^{21}, 2^{14}\})$	536870912
8	$\mathcal{O}(1; \{8^2, 4^{23}, 2^{11}\})$	2147483648
8	$\mathcal{O}(1; \{8^2, 4^{25}, 2^8\})$	8589934592
8	$\mathcal{O}(1; \{8^2, 4^{27}, 2^5\})$	34359738368
8	$\mathcal{O}(1; \{8^2, 4^{29}, 2^2\})$	137438953472
8	$\mathcal{O}(1; \{8^4, 2^{42}\})$	4096
8	$\mathcal{O}(1; \{8^4, 4^2, 2^{39}\})$	16384
8	$\mathcal{O}(1; \{8^4, 4^4, 2^{36}\})$	65536
8	$\mathcal{O}(1; \{8^4, 4^6, 2^{33}\})$	262144
8	$\mathcal{O}(1; \{8^4, 4^8, 2^{30}\})$	1048576
8	$\mathcal{O}(1; \{8^4, 4^{10}, 2^{27}\})$	4194304

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{8^4, 4^{12}, 2^{24}\})$	16777216
8	$\mathcal{O}(1; \{8^4, 4^{14}, 2^{21}\})$	67108864
8	$\mathcal{O}(1; \{8^4, 4^{16}, 2^{18}\})$	268435456
8	$\mathcal{O}(1; \{8^4, 4^{18}, 2^{15}\})$	1073741824
8	$\mathcal{O}(1; \{8^4, 4^{20}, 2^{12}\})$	4294967296
8	$\mathcal{O}(1; \{8^4, 4^{22}, 2^9\})$	17179869184
8	$\mathcal{O}(1; \{8^4, 4^{24}, 2^6\})$	68719476736
8	$\mathcal{O}(1; \{8^4, 4^{26}, 2^3\})$	274877906944
8	$\mathcal{O}(1; \{8^4, 4^{28}\})$	1099511627776
8	$\mathcal{O}(1; \{8^6, 4, 2^{37}\})$	131072
8	$\mathcal{O}(1; \{8^6, 4^3, 2^{34}\})$	524288
8	$\mathcal{O}(1; \{8^6, 4^5, 2^{31}\})$	2097152
8	$\mathcal{O}(1; \{8^6, 4^7, 2^{28}\})$	8388608
8	$\mathcal{O}(1; \{8^6, 4^9, 2^{25}\})$	33554432
8	$\mathcal{O}(1; \{8^6, 4^{11}, 2^{22}\})$	134217728
8	$\mathcal{O}(1; \{8^6, 4^{13}, 2^{19}\})$	536870912
8	$\mathcal{O}(1; \{8^6, 4^{15}, 2^{16}\})$	2147483648
8	$\mathcal{O}(1; \{8^6, 4^{17}, 2^{13}\})$	8589934592
8	$\mathcal{O}(1; \{8^6, 4^{19}, 2^{10}\})$	34359738368
8	$\mathcal{O}(1; \{8^6, 4^{21}, 2^7\})$	137438953472
8	$\mathcal{O}(1; \{8^6, 4^{23}, 2^4\})$	549755813888
8	$\mathcal{O}(1; \{8^6, 4^{25}, 2\})$	2199023255552
8	$\mathcal{O}(1; \{8^8, 2^{35}\})$	1048576
8	$\mathcal{O}(1; \{8^8, 4^2, 2^{32}\})$	4194304
8	$\mathcal{O}(1; \{8^8, 4^4, 2^{29}\})$	16777216
8	$\mathcal{O}(1; \{8^8, 4^6, 2^{26}\})$	67108864
8	$\mathcal{O}(1; \{8^8, 4^8, 2^{23}\})$	268435456
8	$\mathcal{O}(1; \{8^8, 4^{10}, 2^{20}\})$	1073741824
8	$\mathcal{O}(1; \{8^8, 4^{12}, 2^{17}\})$	4294967296
8	$\mathcal{O}(1; \{8^8, 4^{14}, 2^{14}\})$	17179869184
8	$\mathcal{O}(1; \{8^8, 4^{16}, 2^{11}\})$	68719476736
8	$\mathcal{O}(1; \{8^8, 4^{18}, 2^8\})$	274877906944
8	$\mathcal{O}(1; \{8^8, 4^{20}, 2^5\})$	1099511627776
8	$\mathcal{O}(1; \{8^8, 4^{22}, 2^2\})$	4398046511104
8	$\mathcal{O}(1; \{8^{10}, 4, 2^{30}\})$	33554432
8	$\mathcal{O}(1; \{8^{10}, 4^3, 2^{27}\})$	134217728
8	$\mathcal{O}(1; \{8^{10}, 4^5, 2^{24}\})$	536870912
8	$\mathcal{O}(1; \{8^{10}, 4^7, 2^{21}\})$	2147483648
8	$\mathcal{O}(1; \{8^{10}, 4^9, 2^{18}\})$	8589934592
8	$\mathcal{O}(1; \{8^{10}, 4^{11}, 2^{15}\})$	34359738368
8	$\mathcal{O}(1; \{8^{10}, 4^{13}, 2^{12}\})$	137438953472
8	$\mathcal{O}(1; \{8^{10}, 4^{15}, 2^9\})$	549755813888
8	$\mathcal{O}(1; \{8^{10}, 4^{17}, 2^6\})$	2199023255552

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{8^{10}, 4^{19}, 2^3\})$	8796093022208
8	$\mathcal{O}(1; \{8^{10}, 4^{21}\})$	35184372088832
8	$\mathcal{O}(1; \{8^{12}, 2^{28}\})$	268435456
8	$\mathcal{O}(1; \{8^{12}, 4^2, 2^{25}\})$	1073741824
8	$\mathcal{O}(1; \{8^{12}, 4^4, 2^{22}\})$	4294967296
8	$\mathcal{O}(1; \{8^{12}, 4^6, 2^{19}\})$	17179869184
8	$\mathcal{O}(1; \{8^{12}, 4^8, 2^{16}\})$	68719476736
8	$\mathcal{O}(1; \{8^{12}, 4^{10}, 2^{13}\})$	274877906944
8	$\mathcal{O}(1; \{8^{12}, 4^{12}, 2^{10}\})$	1099511627776
8	$\mathcal{O}(1; \{8^{12}, 4^{14}, 2^7\})$	4398046511104
8	$\mathcal{O}(1; \{8^{12}, 4^{16}, 2^4\})$	17592186044416
8	$\mathcal{O}(1; \{8^{12}, 4^{18}, 2\})$	70368744177664
8	$\mathcal{O}(1; \{8^{14}, 4, 2^{23}\})$	8589934592
8	$\mathcal{O}(1; \{8^{14}, 4^3, 2^{20}\})$	34359738368
8	$\mathcal{O}(1; \{8^{14}, 4^5, 2^{17}\})$	137438953472
8	$\mathcal{O}(1; \{8^{14}, 4^7, 2^{14}\})$	549755813888
8	$\mathcal{O}(1; \{8^{14}, 4^9, 2^{11}\})$	2199023255552
8	$\mathcal{O}(1; \{8^{14}, 4^{11}, 2^8\})$	8796093022208
8	$\mathcal{O}(1; \{8^{14}, 4^{13}, 2^5\})$	35184372088832
8	$\mathcal{O}(1; \{8^{14}, 4^{15}, 2^2\})$	140737488355328
8	$\mathcal{O}(1; \{8^{16}, 2^{21}\})$	68719476736
8	$\mathcal{O}(1; \{8^{16}, 4^2, 2^{18}\})$	274877906944
8	$\mathcal{O}(1; \{8^{16}, 4^4, 2^{15}\})$	1099511627776
8	$\mathcal{O}(1; \{8^{16}, 4^6, 2^{12}\})$	4398046511104
8	$\mathcal{O}(1; \{8^{16}, 4^8, 2^9\})$	17592186044416
8	$\mathcal{O}(1; \{8^{16}, 4^{10}, 2^6\})$	70368744177664
8	$\mathcal{O}(1; \{8^{16}, 4^{12}, 2^3\})$	281474976710656
8	$\mathcal{O}(1; \{8^{16}, 4^{14}\})$	1125899906842624
8	$\mathcal{O}(1; \{8^{18}, 4, 2^{16}\})$	2199023255552
8	$\mathcal{O}(1; \{8^{18}, 4^3, 2^{13}\})$	8796093022208
8	$\mathcal{O}(1; \{8^{18}, 4^5, 2^{10}\})$	35184372088832
8	$\mathcal{O}(1; \{8^{18}, 4^7, 2^7\})$	140737488355328
8	$\mathcal{O}(1; \{8^{18}, 4^9, 2^4\})$	562949953421312
8	$\mathcal{O}(1; \{8^{18}, 4^{11}, 2\})$	2251799813685248
8	$\mathcal{O}(1; \{8^{20}, 2^{14}\})$	17592186044416
8	$\mathcal{O}(1; \{8^{20}, 4^2, 2^{11}\})$	70368744177664
8	$\mathcal{O}(1; \{8^{20}, 4^4, 2^8\})$	281474976710656
8	$\mathcal{O}(1; \{8^{20}, 4^6, 2^5\})$	1125899906842624
8	$\mathcal{O}(1; \{8^{20}, 4^8, 2^2\})$	4503599627370496
8	$\mathcal{O}(1; \{8^{22}, 4, 2^9\})$	562949953421312
8	$\mathcal{O}(1; \{8^{22}, 4^3, 2^6\})$	2251799813685248
8	$\mathcal{O}(1; \{8^{22}, 4^5, 2^3\})$	9007199254740992
8	$\mathcal{O}(1; \{8^{22}, 4^7\})$	36028797018963968

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{8^{24}, 2^7\})$	4503599627370496
8	$\mathcal{O}(1; \{8^{24}, 4^2, 2^4\})$	18014398509481984
8	$\mathcal{O}(1; \{8^{24}, 4^4, 2\})$	72057594037927936
8	$\mathcal{O}(1; \{8^{26}, 4, 2^2\})$	144115188075855872
8	$\mathcal{O}(1; \{8^{28}\})$	1152921504606846976
8	$\mathcal{O}(0; \{8^2, 4, 2^{48}\})$	8
8	$\mathcal{O}(0; \{8^2, 4^3, 2^{45}\})$	32
8	$\mathcal{O}(0; \{8^2, 4^5, 2^{42}\})$	128
8	$\mathcal{O}(0; \{8^2, 4^7, 2^{39}\})$	512
8	$\mathcal{O}(0; \{8^2, 4^9, 2^{36}\})$	2048
8	$\mathcal{O}(0; \{8^2, 4^{11}, 2^{33}\})$	8192
8	$\mathcal{O}(0; \{8^2, 4^{13}, 2^{30}\})$	32768
8	$\mathcal{O}(0; \{8^2, 4^{15}, 2^{27}\})$	131072
8	$\mathcal{O}(0; \{8^2, 4^{17}, 2^{24}\})$	524288
8	$\mathcal{O}(0; \{8^2, 4^{19}, 2^{21}\})$	2097152
8	$\mathcal{O}(0; \{8^2, 4^{21}, 2^{18}\})$	8388608
8	$\mathcal{O}(0; \{8^2, 4^{23}, 2^{15}\})$	33554432
8	$\mathcal{O}(0; \{8^2, 4^{25}, 2^{12}\})$	134217728
8	$\mathcal{O}(0; \{8^2, 4^{27}, 2^9\})$	536870912
8	$\mathcal{O}(0; \{8^2, 4^{29}, 2^6\})$	2147483648
8	$\mathcal{O}(0; \{8^2, 4^{31}, 2^3\})$	8589934592
8	$\mathcal{O}(0; \{8^2, 4^{33}\})$	34359738368
8	$\mathcal{O}(0; \{8^4, 2^{46}\})$	64
8	$\mathcal{O}(0; \{8^4, 4^2, 2^{43}\})$	256
8	$\mathcal{O}(0; \{8^4, 4^4, 2^{40}\})$	1024
8	$\mathcal{O}(0; \{8^4, 4^6, 2^{37}\})$	4096
8	$\mathcal{O}(0; \{8^4, 4^8, 2^{34}\})$	16384
8	$\mathcal{O}(0; \{8^4, 4^{10}, 2^{31}\})$	65536
8	$\mathcal{O}(0; \{8^4, 4^{12}, 2^{28}\})$	262144
8	$\mathcal{O}(0; \{8^4, 4^{14}, 2^{25}\})$	1048576
8	$\mathcal{O}(0; \{8^4, 4^{16}, 2^{22}\})$	4194304
8	$\mathcal{O}(0; \{8^4, 4^{18}, 2^{19}\})$	16777216
8	$\mathcal{O}(0; \{8^4, 4^{20}, 2^{16}\})$	67108864
8	$\mathcal{O}(0; \{8^4, 4^{22}, 2^{13}\})$	268435456
8	$\mathcal{O}(0; \{8^4, 4^{24}, 2^{10}\})$	1073741824
8	$\mathcal{O}(0; \{8^4, 4^{26}, 2^7\})$	4294967296
8	$\mathcal{O}(0; \{8^4, 4^{28}, 2^4\})$	17179869184
8	$\mathcal{O}(0; \{8^4, 4^{30}, 2\})$	68719476736
8	$\mathcal{O}(0; \{8^6, 4, 2^{41}\})$	2048
8	$\mathcal{O}(0; \{8^6, 4^3, 2^{38}\})$	8192
8	$\mathcal{O}(0; \{8^6, 4^5, 2^{35}\})$	32768
8	$\mathcal{O}(0; \{8^6, 4^7, 2^{32}\})$	131072
8	$\mathcal{O}(0; \{8^6, 4^9, 2^{29}\})$	524288

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{8^6, 4^{11}, 2^{26}\})$	2097152
8	$\mathcal{O}(0; \{8^6, 4^{13}, 2^{23}\})$	8388608
8	$\mathcal{O}(0; \{8^6, 4^{15}, 2^{20}\})$	33554432
8	$\mathcal{O}(0; \{8^6, 4^{17}, 2^{17}\})$	134217728
8	$\mathcal{O}(0; \{8^6, 4^{19}, 2^{14}\})$	536870912
8	$\mathcal{O}(0; \{8^6, 4^{21}, 2^{11}\})$	2147483648
8	$\mathcal{O}(0; \{8^6, 4^{23}, 2^8\})$	8589934592
8	$\mathcal{O}(0; \{8^6, 4^{25}, 2^5\})$	34359738368
8	$\mathcal{O}(0; \{8^6, 4^{27}, 2^2\})$	137438953472
8	$\mathcal{O}(0; \{8^8, 2^{39}\})$	16384
8	$\mathcal{O}(0; \{8^8, 4^2, 2^{36}\})$	65536
8	$\mathcal{O}(0; \{8^8, 4^4, 2^{33}\})$	262144
8	$\mathcal{O}(0; \{8^8, 4^6, 2^{30}\})$	1048576
8	$\mathcal{O}(0; \{8^8, 4^8, 2^{27}\})$	4194304
8	$\mathcal{O}(0; \{8^8, 4^{10}, 2^{24}\})$	16777216
8	$\mathcal{O}(0; \{8^8, 4^{12}, 2^{21}\})$	67108864
8	$\mathcal{O}(0; \{8^8, 4^{14}, 2^{18}\})$	268435456
8	$\mathcal{O}(0; \{8^8, 4^{16}, 2^{15}\})$	1073741824
8	$\mathcal{O}(0; \{8^8, 4^{18}, 2^{12}\})$	4294967296
8	$\mathcal{O}(0; \{8^8, 4^{20}, 2^9\})$	17179869184
8	$\mathcal{O}(0; \{8^8, 4^{22}, 2^6\})$	68719476736
8	$\mathcal{O}(0; \{8^8, 4^{24}, 2^3\})$	274877906944
8	$\mathcal{O}(0; \{8^8, 4^{26}\})$	1099511627776
8	$\mathcal{O}(0; \{8^{10}, 4, 2^{34}\})$	524288
8	$\mathcal{O}(0; \{8^{10}, 4^3, 2^{31}\})$	2097152
8	$\mathcal{O}(0; \{8^{10}, 4^5, 2^{28}\})$	8388608
8	$\mathcal{O}(0; \{8^{10}, 4^7, 2^{25}\})$	33554432
8	$\mathcal{O}(0; \{8^{10}, 4^9, 2^{22}\})$	134217728
8	$\mathcal{O}(0; \{8^{10}, 4^{11}, 2^{19}\})$	536870912
8	$\mathcal{O}(0; \{8^{10}, 4^{13}, 2^{16}\})$	2147483648
8	$\mathcal{O}(0; \{8^{10}, 4^{15}, 2^{13}\})$	8589934592
8	$\mathcal{O}(0; \{8^{10}, 4^{17}, 2^{10}\})$	34359738368
8	$\mathcal{O}(0; \{8^{10}, 4^{19}, 2^7\})$	137438953472
8	$\mathcal{O}(0; \{8^{10}, 4^{21}, 2^4\})$	549755813888
8	$\mathcal{O}(0; \{8^{10}, 4^{23}, 2\})$	2199023255552
8	$\mathcal{O}(0; \{8^{12}, 2^{32}\})$	4194304
8	$\mathcal{O}(0; \{8^{12}, 4^2, 2^{29}\})$	16777216
8	$\mathcal{O}(0; \{8^{12}, 4^4, 2^{26}\})$	67108864
8	$\mathcal{O}(0; \{8^{12}, 4^6, 2^{23}\})$	268435456
8	$\mathcal{O}(0; \{8^{12}, 4^8, 2^{20}\})$	1073741824
8	$\mathcal{O}(0; \{8^{12}, 4^{10}, 2^{17}\})$	4294967296
8	$\mathcal{O}(0; \{8^{12}, 4^{12}, 2^{14}\})$	17179869184
8	$\mathcal{O}(0; \{8^{12}, 4^{14}, 2^{11}\})$	68719476736

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{8^{12}, 4^{16}, 2^8\})$	274877906944
8	$\mathcal{O}(0; \{8^{12}, 4^{18}, 2^5\})$	1099511627776
8	$\mathcal{O}(0; \{8^{12}, 4^{20}, 2^2\})$	4398046511104
8	$\mathcal{O}(0; \{8^{14}, 4, 2^{27}\})$	134217728
8	$\mathcal{O}(0; \{8^{14}, 4^3, 2^{24}\})$	536870912
8	$\mathcal{O}(0; \{8^{14}, 4^5, 2^{21}\})$	2147483648
8	$\mathcal{O}(0; \{8^{14}, 4^7, 2^{18}\})$	8589934592
8	$\mathcal{O}(0; \{8^{14}, 4^9, 2^{15}\})$	34359738368
8	$\mathcal{O}(0; \{8^{14}, 4^{11}, 2^{12}\})$	137438953472
8	$\mathcal{O}(0; \{8^{14}, 4^{13}, 2^9\})$	549755813888
8	$\mathcal{O}(0; \{8^{14}, 4^{15}, 2^6\})$	2199023255552
8	$\mathcal{O}(0; \{8^{14}, 4^{17}, 2^3\})$	8796093022208
8	$\mathcal{O}(0; \{8^{14}, 4^{19}\})$	35184372088832
8	$\mathcal{O}(0; \{8^{16}, 2^{25}\})$	1073741824
8	$\mathcal{O}(0; \{8^{16}, 4^2, 2^{22}\})$	4294967296
8	$\mathcal{O}(0; \{8^{16}, 4^4, 2^{19}\})$	17179869184
8	$\mathcal{O}(0; \{8^{16}, 4^6, 2^{16}\})$	68719476736
8	$\mathcal{O}(0; \{8^{16}, 4^8, 2^{13}\})$	274877906944
8	$\mathcal{O}(0; \{8^{16}, 4^{10}, 2^{10}\})$	1099511627776
8	$\mathcal{O}(0; \{8^{16}, 4^{12}, 2^7\})$	4398046511104
8	$\mathcal{O}(0; \{8^{16}, 4^{14}, 2^4\})$	17592186044416
8	$\mathcal{O}(0; \{8^{16}, 4^{16}, 2\})$	70368744177664
8	$\mathcal{O}(0; \{8^{18}, 4, 2^{20}\})$	34359738368
8	$\mathcal{O}(0; \{8^{18}, 4^3, 2^{17}\})$	137438953472
8	$\mathcal{O}(0; \{8^{18}, 4^5, 2^{14}\})$	549755813888
8	$\mathcal{O}(0; \{8^{18}, 4^7, 2^{11}\})$	2199023255552
8	$\mathcal{O}(0; \{8^{18}, 4^9, 2^8\})$	8796093022208
8	$\mathcal{O}(0; \{8^{18}, 4^{11}, 2^5\})$	35184372088832
8	$\mathcal{O}(0; \{8^{18}, 4^{13}, 2^2\})$	140737488355328
8	$\mathcal{O}(0; \{8^{20}, 2^{18}\})$	274877906944
8	$\mathcal{O}(0; \{8^{20}, 4^2, 2^{15}\})$	1099511627776
8	$\mathcal{O}(0; \{8^{20}, 4^4, 2^{12}\})$	4398046511104
8	$\mathcal{O}(0; \{8^{20}, 4^6, 2^9\})$	17592186044416
8	$\mathcal{O}(0; \{8^{20}, 4^8, 2^6\})$	70368744177664
8	$\mathcal{O}(0; \{8^{20}, 4^{10}, 2^3\})$	281474976710656
8	$\mathcal{O}(0; \{8^{20}, 4^{12}\})$	1125899906842624
8	$\mathcal{O}(0; \{8^{22}, 4, 2^{13}\})$	8796093022208
8	$\mathcal{O}(0; \{8^{22}, 4^3, 2^{10}\})$	35184372088832
8	$\mathcal{O}(0; \{8^{22}, 4^5, 2^7\})$	140737488355328
8	$\mathcal{O}(0; \{8^{22}, 4^7, 2^4\})$	562949953421312
8	$\mathcal{O}(0; \{8^{22}, 4^9, 2\})$	2251799813685248
8	$\mathcal{O}(0; \{8^{24}, 2^{11}\})$	70368744177664
8	$\mathcal{O}(0; \{8^{24}, 4^2, 2^8\})$	281474976710656

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{8^{24}, 4^4, 2^5\})$	1125899906842624
8	$\mathcal{O}(0; \{8^{24}, 4^6, 2^2\})$	4503599627370496
8	$\mathcal{O}(0; \{8^{26}, 4, 2^6\})$	2251799813685248
8	$\mathcal{O}(0; \{8^{26}, 4^3, 2^3\})$	9007199254740992
8	$\mathcal{O}(0; \{8^{26}, 4^5\})$	36028797018963968
8	$\mathcal{O}(0; \{8^{28}, 2^4\})$	18014398509481984
8	$\mathcal{O}(0; \{8^{28}, 4^2, 2\})$	72057594037927936
9	$\mathcal{O}(11; \{9^2\})$	5908625413101667397286
9	$\mathcal{O}(10; \{9^2, 3^3\})$	583567942034732582448
9	$\mathcal{O}(9; \{9^2, 3^6\})$	57636339954047662464
9	$\mathcal{O}(9; \{9^5, 3^2\})$	486306618362277152040
9	$\mathcal{O}(8; \{9^2, 3^9\})$	5692478020152855552
9	$\mathcal{O}(8; \{9^5, 3^5\})$	48030283295039718720
9	$\mathcal{O}(8; \{9^8, 3\})$	697039486319263917924
9	$\mathcal{O}(7; \{9^2, 3^{12}\})$	562220051373121536
9	$\mathcal{O}(7; \{9^5, 3^8\})$	4743731683460712960
9	$\mathcal{O}(7; \{9^8, 3^4\})$	68843406056223596832
9	$\mathcal{O}(7; \{9^{11}\})$	921280871452980604698
9	$\mathcal{O}(6; \{9^2, 3^{15}\})$	55527906308456448
9	$\mathcal{O}(6; \{9^5, 3^{11}\})$	468516709477601280
9	$\mathcal{O}(6; \{9^8, 3^7\})$	6799348746293688576
9	$\mathcal{O}(6; \{9^{11}, 3^3\})$	90990703353380800464
9	$\mathcal{O}(5; \{9^2, 3^{18}\})$	5484237660094464
9	$\mathcal{O}(5; \{9^5, 3^{14}\})$	46273255257047040
9	$\mathcal{O}(5; \{9^8, 3^{10}\})$	671540616917895168
9	$\mathcal{O}(5; \{9^{11}, 3^6\})$	8986736133667239552
9	$\mathcal{O}(5; \{9^{14}, 3^2\})$	121454355258105066504
9	$\mathcal{O}(4; \{9^2, 3^{21}\})$	541653102231552
9	$\mathcal{O}(4; \{9^5, 3^{17}\})$	4570198050078720
9	$\mathcal{O}(4; \{9^8, 3^{13}\})$	66324999201767424
9	$\mathcal{O}(4; \{9^{11}, 3^9\})$	887578877399233536
9	$\mathcal{O}(4; \{9^{14}, 3^5\})$	11995491877343710272
9	$\mathcal{O}(4; \{9^{17}, 3\})$	161916904101873866580
9	$\mathcal{O}(3; \{9^2, 3^{24}\})$	53496602689536
9	$\mathcal{O}(3; \{9^5, 3^{20}\})$	451377585192960
9	$\mathcal{O}(3; \{9^8, 3^{16}\})$	6550617205112832
9	$\mathcal{O}(3; \{9^{11}, 3^{12}\})$	87662111348072448
9	$\mathcal{O}(3; \{9^{14}, 3^8\})$	1184739938503082496
9	$\mathcal{O}(3; \{9^{17}, 3^4\})$	15991792997715937440
9	$\mathcal{O}(3; \{9^{20}\})$	215892911509542859122
9	$\mathcal{O}(2; \{9^2, 3^{27}\})$	5283615080448
9	$\mathcal{O}(2; \{9^5, 3^{23}\})$	44580502241280
9	$\mathcal{O}(2; \{9^8, 3^{19}\})$	646974538776576

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
9	$\mathcal{O}(2; \{9^{11}, 3^{15}\})$	8657986305982464
9	$\mathcal{O}(2; \{9^{14}, 3^{11}\})$	117011351950921728
9	$\mathcal{O}(2; \{9^{17}, 3^7\})$	1579436345453425920
9	$\mathcal{O}(2; \{9^{20}, 3^3\})$	21322756692300529296
9	$\mathcal{O}(1; \{9^2, 3^{30}\})$	521838526464
9	$\mathcal{O}(1; \{9^5, 3^{26}\})$	4403012567040
9	$\mathcal{O}(1; \{9^8, 3^{22}\})$	63898719879168
9	$\mathcal{O}(1; \{9^{11}, 3^{18}\})$	855109758615552
9	$\mathcal{O}(1; \{9^{14}, 3^{14}\})$	11556676735893504
9	$\mathcal{O}(1; \{9^{17}, 3^{10}\})$	155993713131202560
9	$\mathcal{O}(1; \{9^{20}, 3^6\})$	2105951278251904128
9	$\mathcal{O}(1; \{9^{23}, 3^2\})$	28430281251620825832
9	$\mathcal{O}(0; \{9^2, 3^{33}\})$	51539607552
9	$\mathcal{O}(0; \{9^5, 3^{29}\})$	434865438720
9	$\mathcal{O}(0; \{9^8, 3^{25}\})$	6310984679424
9	$\mathcal{O}(0; \{9^{11}, 3^{21}\})$	84455284801536
9	$\mathcal{O}(0; \{9^{14}, 3^{17}\})$	1141400171446272
9	$\mathcal{O}(0; \{9^{17}, 3^{13}\})$	15406786482094080
9	$\mathcal{O}(0; \{9^{20}, 3^9\})$	207995187975496704
9	$\mathcal{O}(0; \{9^{23}, 3^5\})$	2807929012505760576
9	$\mathcal{O}(0; \{9^{26}, 3\})$	37907051836291081092
10	$\mathcal{O}(10; \{5^2\})$	399999618530273437500
10	$\mathcal{O}(9; \{5^2, 2^4\})$	4000000000000000000
10	$\mathcal{O}(9; \{10^2, 5, 2^2\})$	12000000000000000000
10	$\mathcal{O}(9; \{10^4\})$	52000000000000000000
10	$\mathcal{O}(8; \{5^2, 2^8\})$	4000000000000000000
10	$\mathcal{O}(8; \{5^7\})$	32759500122070312500
10	$\mathcal{O}(8; \{10, 5^4, 2^3\})$	20400000000000000000
10	$\mathcal{O}(8; \{10^2, 5, 2^6\})$	12000000000000000000
10	$\mathcal{O}(8; \{10^3, 5^3, 2\})$	82000000000000000000
10	$\mathcal{O}(8; \{10^4, 2^4\})$	52000000000000000000
10	$\mathcal{O}(7; \{5^2, 2^{12}\})$	4000000000000000000
10	$\mathcal{O}(7; \{5^7, 2^4\})$	32760000000000000000
10	$\mathcal{O}(7; \{10, 5^4, 2^7\})$	20400000000000000000
10	$\mathcal{O}(7; \{10^2, 5, 2^{10}\})$	12000000000000000000
10	$\mathcal{O}(7; \{10^2, 5^6, 2^2\})$	13108000000000000000
10	$\mathcal{O}(7; \{10^3, 5^3, 2^5\})$	82000000000000000000
10	$\mathcal{O}(7; \{10^4, 2^8\})$	52000000000000000000
10	$\mathcal{O}(7; \{10^4, 5^5\})$	52428000000000000000
10	$\mathcal{O}(7; \{10^5, 5^2, 2^3\})$	32760000000000000000
10	$\mathcal{O}(7; \{10^7, 5, 2\})$	13108000000000000000
10	$\mathcal{O}(6; \{5^2, 2^{16}\})$	4000000000000000000
10	$\mathcal{O}(6; \{5^7, 2^8\})$	32760000000000000000

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(6; \{5^{12}\})$	3354624799804687500
10	$\mathcal{O}(6; \{10, 5^4, 2^{11}\})$	2040000000000000
10	$\mathcal{O}(6; \{10, 5^9, 2^3\})$	209716000000000000
10	$\mathcal{O}(6; \{10^2, 5, 2^{14}\})$	1200000000000000
10	$\mathcal{O}(6; \{10^2, 5^6, 2^6\})$	131080000000000000
10	$\mathcal{O}(6; \{10^3, 5^3, 2^9\})$	8200000000000000
10	$\mathcal{O}(6; \{10^3, 5^8, 2\})$	838860000000000000
10	$\mathcal{O}(6; \{10^4, 2^{12}\})$	5200000000000000
10	$\mathcal{O}(6; \{10^4, 5^5, 2^4\})$	524280000000000000
10	$\mathcal{O}(6; \{10^5, 5^2, 2^7\})$	327600000000000000
10	$\mathcal{O}(6; \{10^6, 5^4, 2^2\})$	209716000000000000
10	$\mathcal{O}(6; \{10^7, 5, 2^5\})$	131080000000000000
10	$\mathcal{O}(6; \{10^8, 5^3\})$	838860000000000000
10	$\mathcal{O}(6; \{10^9, 2^3\})$	524280000000000000
10	$\mathcal{O}(5; \{5^2, 2^{20}\})$	40000000000
10	$\mathcal{O}(5; \{5^7, 2^{12}\})$	3276000000000000
10	$\mathcal{O}(5; \{5^{12}, 2^4\})$	335544400000000000
10	$\mathcal{O}(5; \{10, 5^4, 2^{15}\})$	2040000000000000
10	$\mathcal{O}(5; \{10, 5^9, 2^7\})$	209716000000000000
10	$\mathcal{O}(5; \{10^2, 5, 2^{18}\})$	1200000000000000
10	$\mathcal{O}(5; \{10^2, 5^6, 2^{10}\})$	131080000000000000
10	$\mathcal{O}(5; \{10^2, 5^{11}, 2^2\})$	1342177200000000000
10	$\mathcal{O}(5; \{10^3, 5^3, 2^{13}\})$	8200000000000000
10	$\mathcal{O}(5; \{10^3, 5^8, 2^5\})$	838860000000000000
10	$\mathcal{O}(5; \{10^4, 2^{16}\})$	5200000000000000
10	$\mathcal{O}(5; \{10^4, 5^5, 2^8\})$	524280000000000000
10	$\mathcal{O}(5; \{10^4, 5^{10}\})$	5368709200000000000
10	$\mathcal{O}(5; \{10^5, 5^2, 2^{11}\})$	327600000000000000
10	$\mathcal{O}(5; \{10^5, 5^7, 2^3\})$	335544400000000000
10	$\mathcal{O}(5; \{10^6, 5^4, 2^6\})$	209716000000000000
10	$\mathcal{O}(5; \{10^7, 5, 2^9\})$	131080000000000000
10	$\mathcal{O}(5; \{10^7, 5^6, 2\})$	1342177200000000000
10	$\mathcal{O}(5; \{10^8, 5^3, 2^4\})$	838860000000000000
10	$\mathcal{O}(5; \{10^9, 2^7\})$	524280000000000000
10	$\mathcal{O}(5; \{10^{10}, 5^2, 2^2\})$	335544400000000000
10	$\mathcal{O}(5; \{10^{12}, 5\})$	1342177200000000000
10	$\mathcal{O}(4; \{5^2, 2^{24}\})$	400000000
10	$\mathcal{O}(4; \{5^7, 2^{16}\})$	3276000000000
10	$\mathcal{O}(4; \{5^{12}, 2^8\})$	3355444000000000
10	$\mathcal{O}(4; \{5^{17}\})$	342255206320312500
10	$\mathcal{O}(4; \{10, 5^4, 2^{19}\})$	20400000000
10	$\mathcal{O}(4; \{10, 5^9, 2^{11}\})$	209716000000000
10	$\mathcal{O}(4; \{10, 5^{14}, 2^3\})$	21474836400000000

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(4; \{10^2, 5, 2^{22}\})$	1200000000
10	$\mathcal{O}(4; \{10^2, 5^6, 2^{14}\})$	1310800000000
10	$\mathcal{O}(4; \{10^2, 5^{11}, 2^6\})$	1342177200000000
10	$\mathcal{O}(4; \{10^3, 5^3, 2^{17}\})$	82000000000
10	$\mathcal{O}(4; \{10^3, 5^8, 2^9\})$	838860000000000
10	$\mathcal{O}(4; \{10^3, 5^{13}, 2\})$	858993460000000000
10	$\mathcal{O}(4; \{10^4, 2^{20}\})$	5200000000
10	$\mathcal{O}(4; \{10^4, 5^5, 2^{12}\})$	5242800000000
10	$\mathcal{O}(4; \{10^4, 5^{10}, 2^4\})$	5368709200000000
10	$\mathcal{O}(4; \{10^5, 5^2, 2^{15}\})$	3276000000000
10	$\mathcal{O}(4; \{10^5, 5^7, 2^7\})$	3355444000000000
10	$\mathcal{O}(4; \{10^6, 5^4, 2^{10}\})$	20971600000000
10	$\mathcal{O}(4; \{10^6, 5^9, 2^2\})$	214748364000000000
10	$\mathcal{O}(4; \{10^7, 5, 2^{13}\})$	13108000000000
10	$\mathcal{O}(4; \{10^7, 5^6, 2^5\})$	1342177200000000
10	$\mathcal{O}(4; \{10^8, 5^3, 2^8\})$	8388600000000000
10	$\mathcal{O}(4; \{10^8, 5^8\})$	858993460000000000
10	$\mathcal{O}(4; \{10^9, 2^{11}\})$	5242800000000
10	$\mathcal{O}(4; \{10^9, 5^5, 2^3\})$	5368709200000000
10	$\mathcal{O}(4; \{10^{10}, 5^2, 2^6\})$	3355444000000000
10	$\mathcal{O}(4; \{10^{11}, 5^4, 2\})$	214748364000000000
10	$\mathcal{O}(4; \{10^{12}, 5, 2^4\})$	1342177200000000
10	$\mathcal{O}(4; \{10^{14}, 2^2\})$	5368709200000000
10	$\mathcal{O}(3; \{5^2, 2^{28}\})$	4000000
10	$\mathcal{O}(3; \{5^7, 2^{20}\})$	3276000000
10	$\mathcal{O}(3; \{5^{12}, 2^{12}\})$	33554440000000
10	$\mathcal{O}(3; \{5^{17}, 2^4\})$	3435973836000000
10	$\mathcal{O}(3; \{10, 5^4, 2^{23}\})$	204000000
10	$\mathcal{O}(3; \{10, 5^9, 2^{15}\})$	209716000000
10	$\mathcal{O}(3; \{10, 5^{14}, 2^7\})$	2147483640000000
10	$\mathcal{O}(3; \{10^2, 5, 2^{26}\})$	12000000
10	$\mathcal{O}(3; \{10^2, 5^6, 2^{18}\})$	13108000000
10	$\mathcal{O}(3; \{10^2, 5^{11}, 2^{10}\})$	13421772000000
10	$\mathcal{O}(3; \{10^2, 5^{16}, 2^2\})$	13743895348000000
10	$\mathcal{O}(3; \{10^3, 5^3, 2^{21}\})$	820000000
10	$\mathcal{O}(3; \{10^3, 5^8, 2^{13}\})$	8388600000000
10	$\mathcal{O}(3; \{10^3, 5^{13}, 2^5\})$	8589934600000000
10	$\mathcal{O}(3; \{10^4, 2^{24}\})$	52000000
10	$\mathcal{O}(3; \{10^4, 5^5, 2^{16}\})$	52428000000
10	$\mathcal{O}(3; \{10^4, 5^{10}, 2^8\})$	53687092000000
10	$\mathcal{O}(3; \{10^4, 5^{15}\})$	54975581388000000
10	$\mathcal{O}(3; \{10^5, 5^2, 2^{19}\})$	3276000000
10	$\mathcal{O}(3; \{10^5, 5^7, 2^{11}\})$	33554440000000

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(3; \{10^5, 5^{12}, 2^3\})$	3435973836000000
10	$\mathcal{O}(3; \{10^6, 5^4, 2^{14}\})$	209716000000
10	$\mathcal{O}(3; \{10^6, 5^9, 2^6\})$	214748364000000
10	$\mathcal{O}(3; \{10^7, 5, 2^{17}\})$	13108000000
10	$\mathcal{O}(3; \{10^7, 5^6, 2^9\})$	13421772000000
10	$\mathcal{O}(3; \{10^7, 5^{11}, 2\})$	13743895348000000
10	$\mathcal{O}(3; \{10^8, 5^3, 2^{12}\})$	838860000000
10	$\mathcal{O}(3; \{10^8, 5^8, 2^4\})$	858993460000000
10	$\mathcal{O}(3; \{10^9, 2^{15}\})$	52428000000
10	$\mathcal{O}(3; \{10^9, 5^5, 2^7\})$	53687092000000
10	$\mathcal{O}(3; \{10^{10}, 5^2, 2^{10}\})$	3355444000000
10	$\mathcal{O}(3; \{10^{10}, 5^7, 2^2\})$	3435973836000000
10	$\mathcal{O}(3; \{10^{11}, 5^4, 2^5\})$	214748364000000
10	$\mathcal{O}(3; \{10^{12}, 5, 2^8\})$	13421772000000
10	$\mathcal{O}(3; \{10^{12}, 5^6\})$	13743895348000000
10	$\mathcal{O}(3; \{10^{13}, 5^3, 2^3\})$	858993460000000
10	$\mathcal{O}(3; \{10^{14}, 2^6\})$	53687092000000
10	$\mathcal{O}(3; \{10^{15}, 5^2, 2\})$	3435973836000000
10	$\mathcal{O}(2; \{5^2, 2^{32}\})$	40000
10	$\mathcal{O}(2; \{5^7, 2^{24}\})$	32760000
10	$\mathcal{O}(2; \{5^{12}, 2^{16}\})$	33554440000
10	$\mathcal{O}(2; \{5^{17}, 2^8\})$	34359738360000
10	$\mathcal{O}(2; \{5^{22}\})$	32985348833287500
10	$\mathcal{O}(2; \{10, 5^4, 2^{27}\})$	2040000
10	$\mathcal{O}(2; \{10, 5^9, 2^{19}\})$	2097160000
10	$\mathcal{O}(2; \{10, 5^{14}, 2^{11}\})$	2147483640000
10	$\mathcal{O}(2; \{10, 5^{19}, 2^3\})$	2199023255560000
10	$\mathcal{O}(2; \{10^2, 5, 2^{30}\})$	120000
10	$\mathcal{O}(2; \{10^2, 5^6, 2^{22}\})$	131080000
10	$\mathcal{O}(2; \{10^2, 5^{11}, 2^{14}\})$	134217720000
10	$\mathcal{O}(2; \{10^2, 5^{16}, 2^6\})$	137438953480000
10	$\mathcal{O}(2; \{10^3, 5^3, 2^{25}\})$	8200000
10	$\mathcal{O}(2; \{10^3, 5^8, 2^{17}\})$	8388600000
10	$\mathcal{O}(2; \{10^3, 5^{13}, 2^9\})$	8589934600000
10	$\mathcal{O}(2; \{10^3, 5^{18}, 2\})$	8796093022200000
10	$\mathcal{O}(2; \{10^4, 2^{28}\})$	520000
10	$\mathcal{O}(2; \{10^4, 5^5, 2^{20}\})$	524280000
10	$\mathcal{O}(2; \{10^4, 5^{10}, 2^{12}\})$	536870920000
10	$\mathcal{O}(2; \{10^4, 5^{15}, 2^4\})$	549755813880000
10	$\mathcal{O}(2; \{10^5, 5^2, 2^{23}\})$	32760000
10	$\mathcal{O}(2; \{10^5, 5^7, 2^{15}\})$	33554440000
10	$\mathcal{O}(2; \{10^5, 5^{12}, 2^7\})$	34359738360000
10	$\mathcal{O}(2; \{10^6, 5^4, 2^{18}\})$	2097160000

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(2; \{10^6, 5^9, 2^{10}\})$	2147483640000
10	$\mathcal{O}(2; \{10^6, 5^{14}, 2^2\})$	2199023255560000
10	$\mathcal{O}(2; \{10^7, 5, 2^{21}\})$	131080000
10	$\mathcal{O}(2; \{10^7, 5^6, 2^{13}\})$	134217720000
10	$\mathcal{O}(2; \{10^7, 5^{11}, 2^5\})$	137438953480000
10	$\mathcal{O}(2; \{10^8, 5^3, 2^{16}\})$	8388600000
10	$\mathcal{O}(2; \{10^8, 5^8, 2^8\})$	8589934600000
10	$\mathcal{O}(2; \{10^8, 5^{13}\})$	8796093022200000
10	$\mathcal{O}(2; \{10^9, 2^{19}\})$	524280000
10	$\mathcal{O}(2; \{10^9, 5^5, 2^{11}\})$	536870920000
10	$\mathcal{O}(2; \{10^9, 5^{10}, 2^3\})$	549755813880000
10	$\mathcal{O}(2; \{10^{10}, 5^2, 2^{14}\})$	33554440000
10	$\mathcal{O}(2; \{10^{10}, 5^7, 2^6\})$	34359738360000
10	$\mathcal{O}(2; \{10^{11}, 5^4, 2^9\})$	2147483640000
10	$\mathcal{O}(2; \{10^{11}, 5^9, 2\})$	2199023255560000
10	$\mathcal{O}(2; \{10^{12}, 5, 2^{12}\})$	134217720000
10	$\mathcal{O}(2; \{10^{12}, 5^6, 2^4\})$	137438953480000
10	$\mathcal{O}(2; \{10^{13}, 5^3, 2^7\})$	8589934600000
10	$\mathcal{O}(2; \{10^{14}, 2^{10}\})$	536870920000
10	$\mathcal{O}(2; \{10^{14}, 5^5, 2^2\})$	549755813880000
10	$\mathcal{O}(2; \{10^{15}, 5^2, 2^5\})$	34359738360000
10	$\mathcal{O}(2; \{10^{16}, 5^4\})$	2199023255560000
10	$\mathcal{O}(2; \{10^{17}, 5, 2^3\})$	137438953480000
10	$\mathcal{O}(2; \{10^{19}, 2\})$	549755813880000
10	$\mathcal{O}(1; \{5^2, 2^{36}\})$	400
10	$\mathcal{O}(1; \{5^7, 2^{28}\})$	327600
10	$\mathcal{O}(1; \{5^{12}, 2^{20}\})$	335544400
10	$\mathcal{O}(1; \{5^{17}, 2^{12}\})$	343597383600
10	$\mathcal{O}(1; \{5^{22}, 2^4\})$	351843720888400
10	$\mathcal{O}(1; \{10, 5^4, 2^{31}\})$	20400
10	$\mathcal{O}(1; \{10, 5^9, 2^{23}\})$	20971600
10	$\mathcal{O}(1; \{10, 5^{14}, 2^{15}\})$	21474836400
10	$\mathcal{O}(1; \{10, 5^{19}, 2^7\})$	21990232555600
10	$\mathcal{O}(1; \{10^2, 5, 2^{34}\})$	1200
10	$\mathcal{O}(1; \{10^2, 5^6, 2^{26}\})$	1310800
10	$\mathcal{O}(1; \{10^2, 5^{11}, 2^{18}\})$	1342177200
10	$\mathcal{O}(1; \{10^2, 5^{16}, 2^{10}\})$	1374389534800
10	$\mathcal{O}(1; \{10^2, 5^{21}, 2^2\})$	1407374883553200
10	$\mathcal{O}(1; \{10^3, 5^3, 2^{29}\})$	82000
10	$\mathcal{O}(1; \{10^3, 5^8, 2^{21}\})$	83886000
10	$\mathcal{O}(1; \{10^3, 5^{13}, 2^{13}\})$	85899346000
10	$\mathcal{O}(1; \{10^3, 5^{18}, 2^5\})$	87960930222000
10	$\mathcal{O}(1; \{10^4, 2^{32}\})$	5200

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(1; \{10^4, 5^5, 2^{24}\})$	5242800
10	$\mathcal{O}(1; \{10^4, 5^{10}, 2^{16}\})$	5368709200
10	$\mathcal{O}(1; \{10^4, 5^{15}, 2^8\})$	5497558138800
10	$\mathcal{O}(1; \{10^4, 5^{20}\})$	5629499534213200
10	$\mathcal{O}(1; \{10^5, 5^2, 2^{27}\})$	327600
10	$\mathcal{O}(1; \{10^5, 5^7, 2^{19}\})$	335544400
10	$\mathcal{O}(1; \{10^5, 5^{12}, 2^{11}\})$	343597383600
10	$\mathcal{O}(1; \{10^5, 5^{17}, 2^3\})$	351843720888400
10	$\mathcal{O}(1; \{10^6, 5^4, 2^{22}\})$	20971600
10	$\mathcal{O}(1; \{10^6, 5^9, 2^{14}\})$	21474836400
10	$\mathcal{O}(1; \{10^6, 5^{14}, 2^6\})$	21990232555600
10	$\mathcal{O}(1; \{10^7, 5, 2^{25}\})$	1310800
10	$\mathcal{O}(1; \{10^7, 5^6, 2^{17}\})$	1342177200
10	$\mathcal{O}(1; \{10^7, 5^{11}, 2^9\})$	1374389534800
10	$\mathcal{O}(1; \{10^7, 5^{16}, 2\})$	1407374883553200
10	$\mathcal{O}(1; \{10^8, 5^3, 2^{20}\})$	83886000
10	$\mathcal{O}(1; \{10^8, 5^8, 2^{12}\})$	85899346000
10	$\mathcal{O}(1; \{10^8, 5^{13}, 2^4\})$	87960930222000
10	$\mathcal{O}(1; \{10^9, 2^{23}\})$	5242800
10	$\mathcal{O}(1; \{10^9, 5^5, 2^{15}\})$	5368709200
10	$\mathcal{O}(1; \{10^9, 5^{10}, 2^7\})$	5497558138800
10	$\mathcal{O}(1; \{10^{10}, 5^2, 2^{18}\})$	335544400
10	$\mathcal{O}(1; \{10^{10}, 5^7, 2^{10}\})$	343597383600
10	$\mathcal{O}(1; \{10^{10}, 5^{12}, 2^2\})$	351843720888400
10	$\mathcal{O}(1; \{10^{11}, 5^4, 2^{13}\})$	21474836400
10	$\mathcal{O}(1; \{10^{11}, 5^9, 2^5\})$	21990232555600
10	$\mathcal{O}(1; \{10^{12}, 5, 2^{16}\})$	1342177200
10	$\mathcal{O}(1; \{10^{12}, 5^6, 2^8\})$	1374389534800
10	$\mathcal{O}(1; \{10^{12}, 5^{11}\})$	1407374883553200
10	$\mathcal{O}(1; \{10^{13}, 5^3, 2^{11}\})$	85899346000
10	$\mathcal{O}(1; \{10^{13}, 5^8, 2^3\})$	87960930222000
10	$\mathcal{O}(1; \{10^{14}, 2^{14}\})$	5368709200
10	$\mathcal{O}(1; \{10^{14}, 5^5, 2^6\})$	5497558138800
10	$\mathcal{O}(1; \{10^{15}, 5^2, 2^9\})$	343597383600
10	$\mathcal{O}(1; \{10^{15}, 5^7, 2\})$	351843720888400
10	$\mathcal{O}(1; \{10^{16}, 5^4, 2^4\})$	21990232555600
10	$\mathcal{O}(1; \{10^{17}, 5, 2^7\})$	1374389534800
10	$\mathcal{O}(1; \{10^{18}, 5^3, 2^2\})$	87960930222000
10	$\mathcal{O}(1; \{10^{19}, 2^5\})$	5497558138800
10	$\mathcal{O}(1; \{10^{20}, 5^2\})$	351843720888400
10	$\mathcal{O}(0; \{5^2, 2^{40}\})$	4
10	$\mathcal{O}(0; \{5^7, 2^{32}\})$	3276
10	$\mathcal{O}(0; \{5^{12}, 2^{24}\})$	3355444

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(0; \{5^{17}, 2^{16}\})$	3435973836
10	$\mathcal{O}(0; \{5^{22}, 2^8\})$	3518437208884
10	$\mathcal{O}(0; \{10, 5^4, 2^{35}\})$	204
10	$\mathcal{O}(0; \{10, 5^9, 2^{27}\})$	209716
10	$\mathcal{O}(0; \{10, 5^{14}, 2^{19}\})$	214748364
10	$\mathcal{O}(0; \{10, 5^{19}, 2^{11}\})$	219902325556
10	$\mathcal{O}(0; \{10, 5^{24}, 2^3\})$	225179981368524
10	$\mathcal{O}(0; \{10^2, 5, 2^{38}\})$	12
10	$\mathcal{O}(0; \{10^2, 5^6, 2^{30}\})$	13108
10	$\mathcal{O}(0; \{10^2, 5^{11}, 2^{22}\})$	13421772
10	$\mathcal{O}(0; \{10^2, 5^{16}, 2^{14}\})$	13743895348
10	$\mathcal{O}(0; \{10^2, 5^{21}, 2^6\})$	14073748835532
10	$\mathcal{O}(0; \{10^3, 5^3, 2^{33}\})$	820
10	$\mathcal{O}(0; \{10^3, 5^8, 2^{25}\})$	838860
10	$\mathcal{O}(0; \{10^3, 5^{13}, 2^{17}\})$	858993460
10	$\mathcal{O}(0; \{10^3, 5^{18}, 2^9\})$	879609302220
10	$\mathcal{O}(0; \{10^3, 5^{23}, 2\})$	900719925474100
10	$\mathcal{O}(0; \{10^4, 2^{36}\})$	52
10	$\mathcal{O}(0; \{10^4, 5^5, 2^{28}\})$	52428
10	$\mathcal{O}(0; \{10^4, 5^{10}, 2^{20}\})$	53687092
10	$\mathcal{O}(0; \{10^4, 5^{15}, 2^{12}\})$	54975581388
10	$\mathcal{O}(0; \{10^4, 5^{20}, 2^4\})$	56294995342132
10	$\mathcal{O}(0; \{10^5, 5^2, 2^{31}\})$	3276
10	$\mathcal{O}(0; \{10^5, 5^7, 2^{23}\})$	3355444
10	$\mathcal{O}(0; \{10^5, 5^{12}, 2^{15}\})$	3435973836
10	$\mathcal{O}(0; \{10^5, 5^{17}, 2^7\})$	3518437208884
10	$\mathcal{O}(0; \{10^6, 5^4, 2^{26}\})$	209716
10	$\mathcal{O}(0; \{10^6, 5^9, 2^{18}\})$	214748364
10	$\mathcal{O}(0; \{10^6, 5^{14}, 2^{10}\})$	219902325556
10	$\mathcal{O}(0; \{10^6, 5^{19}, 2^2\})$	225179981368524
10	$\mathcal{O}(0; \{10^7, 5, 2^{29}\})$	13108
10	$\mathcal{O}(0; \{10^7, 5^6, 2^{21}\})$	13421772
10	$\mathcal{O}(0; \{10^7, 5^{11}, 2^{13}\})$	13743895348
10	$\mathcal{O}(0; \{10^7, 5^{16}, 2^5\})$	14073748835532
10	$\mathcal{O}(0; \{10^8, 5^3, 2^{24}\})$	838860
10	$\mathcal{O}(0; \{10^8, 5^8, 2^{16}\})$	858993460
10	$\mathcal{O}(0; \{10^8, 5^{13}, 2^8\})$	879609302220
10	$\mathcal{O}(0; \{10^8, 5^{18}\})$	900719925474100
10	$\mathcal{O}(0; \{10^9, 2^{27}\})$	52428
10	$\mathcal{O}(0; \{10^9, 5^5, 2^{19}\})$	53687092
10	$\mathcal{O}(0; \{10^9, 5^{10}, 2^{11}\})$	54975581388
10	$\mathcal{O}(0; \{10^9, 5^{15}, 2^3\})$	56294995342132
10	$\mathcal{O}(0; \{10^{10}, 5^2, 2^{22}\})$	3355444

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(0; \{10^{10}, 5^7, 2^{14}\})$	3435973836
10	$\mathcal{O}(0; \{10^{10}, 5^{12}, 2^6\})$	3518437208884
10	$\mathcal{O}(0; \{10^{11}, 5^4, 2^{17}\})$	214748364
10	$\mathcal{O}(0; \{10^{11}, 5^9, 2^9\})$	219902325556
10	$\mathcal{O}(0; \{10^{11}, 5^{14}, 2\})$	225179981368524
10	$\mathcal{O}(0; \{10^{12}, 5, 2^{20}\})$	13421772
10	$\mathcal{O}(0; \{10^{12}, 5^6, 2^{12}\})$	13743895348
10	$\mathcal{O}(0; \{10^{12}, 5^{11}, 2^4\})$	14073748835532
10	$\mathcal{O}(0; \{10^{13}, 5^3, 2^{15}\})$	858993460
10	$\mathcal{O}(0; \{10^{13}, 5^8, 2^7\})$	879609302220
10	$\mathcal{O}(0; \{10^{14}, 2^{18}\})$	53687092
10	$\mathcal{O}(0; \{10^{14}, 5^5, 2^{10}\})$	54975581388
10	$\mathcal{O}(0; \{10^{14}, 5^{10}, 2^2\})$	56294995342132
10	$\mathcal{O}(0; \{10^{15}, 5^2, 2^{13}\})$	3435973836
10	$\mathcal{O}(0; \{10^{15}, 5^7, 2^5\})$	3518437208884
10	$\mathcal{O}(0; \{10^{16}, 5^4, 2^8\})$	219902325556
10	$\mathcal{O}(0; \{10^{16}, 5^9\})$	225179981368524
10	$\mathcal{O}(0; \{10^{17}, 5, 2^{11}\})$	13743895348
10	$\mathcal{O}(0; \{10^{17}, 5^6, 2^3\})$	14073748835532
10	$\mathcal{O}(0; \{10^{18}, 5^3, 2^6\})$	879609302220
10	$\mathcal{O}(0; \{10^{19}, 2^9\})$	54975581388
10	$\mathcal{O}(0; \{10^{19}, 5^5, 2\})$	56294995342132
10	$\mathcal{O}(0; \{10^{20}, 5^2, 2^4\})$	3518437208884
10	$\mathcal{O}(0; \{10^{22}, 5, 2^2\})$	14073748835532
10	$\mathcal{O}(0; \{10^{24}\})$	56294995342132
11	$\mathcal{O}(9; \{11^2\})$	55599173134922314810
11	$\mathcal{O}(4; \{11^{13}\})$	194871709999805128290
12	$\mathcal{O}(8; \{3^2, 2^2\})$	369762875570257920
12	$\mathcal{O}(8; \{6^2, 3\})$	369762875570257920
12	$\mathcal{O}(8; \{12, 4, 3\})$	739537035580145664
12	$\mathcal{O}(8; \{12^2, 2\})$	739537035580145664
12	$\mathcal{O}(7; \{3^2, 2^6\})$	2567680200769536
12	$\mathcal{O}(7; \{3^5, 2^2\})$	12838401003847680
12	$\mathcal{O}(7; \{4^2, 3^2, 2^3\})$	5135673858195456
12	$\mathcal{O}(7; \{4^4, 3^2\})$	20542695432781824
12	$\mathcal{O}(7; \{6, 3^3, 2^3\})$	7703040602308608
12	$\mathcal{O}(7; \{6, 4^2, 3^3\})$	15407021574586368
12	$\mathcal{O}(7; \{6^2, 3, 2^4\})$	2567680200769536
12	$\mathcal{O}(7; \{6^2, 3^4\})$	28244482208464896
12	$\mathcal{O}(7; \{6^2, 4^2, 3, 2\})$	5135673858195456
12	$\mathcal{O}(7; \{6^3, 3^2, 2\})$	12838401003847680
12	$\mathcal{O}(7; \{6^4, 2^2\})$	7703040602308608
12	$\mathcal{O}(7; \{12, 4, 3, 2^4\})$	5135673858195456

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(7; \{12, 4, 3^4\})$	25678369290977280
12	$\mathcal{O}(7; \{12, 4^3, 3, 2\})$	20542695432781824
12	$\mathcal{O}(7; \{12, 6, 4, 3^2, 2\})$	15407021574586368
12	$\mathcal{O}(7; \{12, 6^2, 4, 2^2\})$	5135673858195456
12	$\mathcal{O}(7; \{12^2, 2^5\})$	5135673858195456
12	$\mathcal{O}(7; \{12^2, 3^3, 2\})$	25678369290977280
12	$\mathcal{O}(7; \{12^2, 4^2, 2^2\})$	20542695432781824
12	$\mathcal{O}(7; \{12^2, 6, 3, 2^2\})$	15407021574586368
12	$\mathcal{O}(7; \{12^2, 6^3\})$	25678369290977280
12	$\mathcal{O}(7; \{12^3, 6, 4\})$	61628086298345472
12	$\mathcal{O}(7; \{12^4, 3\})$	102713477163909120
12	$\mathcal{O}(6; \{3^2, 2^{10}\})$	17827847331840
12	$\mathcal{O}(6; \{3^5, 2^6\})$	89139236659200
12	$\mathcal{O}(6; \{3^8, 2^2\})$	766597435269120
12	$\mathcal{O}(6; \{4^2, 3^2, 2^7\})$	35664401793024
12	$\mathcal{O}(6; \{4^2, 3^5, 2^3\})$	178322008965120
12	$\mathcal{O}(6; \{4^4, 3^2, 2^4\})$	142657607172096
12	$\mathcal{O}(6; \{4^4, 3^5\})$	713288035860480
12	$\mathcal{O}(6; \{4^6, 3^2, 2\})$	570630428688384
12	$\mathcal{O}(6; \{6, 3^3, 2^7\})$	53483541995520
12	$\mathcal{O}(6; \{6, 3^6, 2^3\})$	374384793968640
12	$\mathcal{O}(6; \{6, 4^2, 3^3, 2^4\})$	106993205379072
12	$\mathcal{O}(6; \{6, 4^2, 3^6\})$	748952437653504
12	$\mathcal{O}(6; \{6, 4^4, 3^3, 2\})$	427972821516288
12	$\mathcal{O}(6; \{6^2, 3, 2^8\})$	17827847331840
12	$\mathcal{O}(6; \{6^2, 3^4, 2^4\})$	196106320650240
12	$\mathcal{O}(6; \{6^2, 3^7\})$	1515367023206400
12	$\mathcal{O}(6; \{6^2, 4^2, 3, 2^5\})$	35664401793024
12	$\mathcal{O}(6; \{6^2, 4^2, 3^4, 2\})$	392308419723264
12	$\mathcal{O}(6; \{6^2, 4^4, 3, 2^2\})$	142657607172096
12	$\mathcal{O}(6; \{6^3, 3^2, 2^5\})$	89139236659200
12	$\mathcal{O}(6; \{6^3, 3^5, 2\})$	766597435269120
12	$\mathcal{O}(6; \{6^3, 4^2, 3^2, 2^2\})$	178322008965120
12	$\mathcal{O}(6; \{6^4, 2^6\})$	53483541995520
12	$\mathcal{O}(6; \{6^4, 3^3, 2^2\})$	374384793968640
12	$\mathcal{O}(6; \{6^4, 4^2, 2^3\})$	106993205379072
12	$\mathcal{O}(6; \{6^4, 4^4\})$	427972821516288
12	$\mathcal{O}(6; \{6^5, 3, 2^3\})$	196106320650240
12	$\mathcal{O}(6; \{6^5, 4^2, 3\})$	392308419723264
12	$\mathcal{O}(6; \{6^6, 3^2\})$	766597435269120
12	$\mathcal{O}(6; \{6^7, 2\})$	374384793968640
12	$\mathcal{O}(6; \{12, 4, 3, 2^8\})$	35664401793024
12	$\mathcal{O}(6; \{12, 4, 3^4, 2^4\})$	178322008965120

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(6; \{12, 4, 3^7\})$	1533569277100032
12	$\mathcal{O}(6; \{12, 4^3, 3, 2^5\})$	142657607172096
12	$\mathcal{O}(6; \{12, 4^3, 3^4, 2\})$	713288035860480
12	$\mathcal{O}(6; \{12, 4^5, 3, 2^2\})$	570630428688384
12	$\mathcal{O}(6; \{12, 6, 4, 3^2, 2^5\})$	106993205379072
12	$\mathcal{O}(6; \{12, 6, 4, 3^5, 2\})$	748952437653504
12	$\mathcal{O}(6; \{12, 6, 4^3, 3^2, 2^2\})$	427972821516288
12	$\mathcal{O}(6; \{12, 6^2, 4, 2^6\})$	35664401793024
12	$\mathcal{O}(6; \{12, 6^2, 4, 3^3, 2^2\})$	392308419723264
12	$\mathcal{O}(6; \{12, 6^2, 4^3, 2^3\})$	142657607172096
12	$\mathcal{O}(6; \{12, 6^2, 4^5\})$	570630428688384
12	$\mathcal{O}(6; \{12, 6^3, 4, 3, 2^3\})$	178322008965120
12	$\mathcal{O}(6; \{12, 6^3, 4^3, 3\})$	713288035860480
12	$\mathcal{O}(6; \{12, 6^4, 4, 3^2\})$	748952437653504
12	$\mathcal{O}(6; \{12, 6^5, 4, 2\})$	392308419723264
12	$\mathcal{O}(6; \{12^2, 2^9\})$	35664401793024
12	$\mathcal{O}(6; \{12^2, 3^3, 2^5\})$	178322008965120
12	$\mathcal{O}(6; \{12^2, 3^6, 2\})$	1533569277100032
12	$\mathcal{O}(6; \{12^2, 4^2, 2^6\})$	142657607172096
12	$\mathcal{O}(6; \{12^2, 4^2, 3^3, 2^2\})$	713288035860480
12	$\mathcal{O}(6; \{12^2, 4^4, 2^3\})$	570630428688384
12	$\mathcal{O}(6; \{12^2, 4^6\})$	2282521714753536
12	$\mathcal{O}(6; \{12^2, 6, 3, 2^6\})$	106993205379072
12	$\mathcal{O}(6; \{12^2, 6, 3^4, 2^2\})$	748952437653504
12	$\mathcal{O}(6; \{12^2, 6, 4^2, 3, 2^3\})$	427972821516288
12	$\mathcal{O}(6; \{12^2, 6, 4^4, 3\})$	1711891286065152
12	$\mathcal{O}(6; \{12^2, 6^2, 3^2, 2^3\})$	392308419723264
12	$\mathcal{O}(6; \{12^2, 6^2, 4^2, 3^2\})$	1569233678893056
12	$\mathcal{O}(6; \{12^2, 6^3, 2^4\})$	178322008965120
12	$\mathcal{O}(6; \{12^2, 6^3, 3^3\})$	1533569277100032
12	$\mathcal{O}(6; \{12^2, 6^3, 4^2, 2\})$	713288035860480
12	$\mathcal{O}(6; \{12^2, 6^4, 3, 2\})$	748952437653504
12	$\mathcal{O}(6; \{12^3, 4, 3^2, 2^3\})$	713288035860480
12	$\mathcal{O}(6; \{12^3, 4^3, 3^2\})$	2853152143441920
12	$\mathcal{O}(6; \{12^3, 6, 4, 2^4\})$	427972821516288
12	$\mathcal{O}(6; \{12^3, 6, 4, 3^3\})$	2995809750614016
12	$\mathcal{O}(6; \{12^3, 6, 4^3, 2\})$	1711891286065152
12	$\mathcal{O}(6; \{12^3, 6^2, 4, 3, 2\})$	1569233678893056
12	$\mathcal{O}(6; \{12^4, 3, 2^4\})$	713288035860480
12	$\mathcal{O}(6; \{12^4, 3^4\})$	6134277108400128
12	$\mathcal{O}(6; \{12^4, 4^2, 3, 2\})$	2853152143441920
12	$\mathcal{O}(6; \{12^4, 6, 3^2, 2\})$	2995809750614016
12	$\mathcal{O}(6; \{12^4, 6^2, 2^2\})$	1569233678893056

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(6; \{12^5, 4, 2^2\})$	2853152143441920
12	$\mathcal{O}(6; \{12^6, 6\})$	11983239002456064
12	$\mathcal{O}(5; \{3^2, 2^{14}\})$	123713796096
12	$\mathcal{O}(5; \{3^5, 2^{10}\})$	618568980480
12	$\mathcal{O}(5; \{3^8, 2^6\})$	5319693232128
12	$\mathcal{O}(5; \{3^{11}, 2^2\})$	42186404468736
12	$\mathcal{O}(5; \{4^2, 3^2, 2^{11}\})$	247669456896
12	$\mathcal{O}(5; \{4^2, 3^5, 2^7\})$	1238347284480
12	$\mathcal{O}(5; \{4^2, 3^8, 2^3\})$	10649786646528
12	$\mathcal{O}(5; \{4^4, 3^2, 2^8\})$	990677827584
12	$\mathcal{O}(5; \{4^4, 3^5, 2^4\})$	4953389137920
12	$\mathcal{O}(5; \{4^4, 3^8\})$	42599146586112
12	$\mathcal{O}(5; \{4^6, 3^2, 2^5\})$	3962711310336
12	$\mathcal{O}(5; \{4^6, 3^5, 2\})$	19813556551680
12	$\mathcal{O}(5; \{4^8, 3^2, 2^2\})$	15850845241344
12	$\mathcal{O}(5; \{6, 3^3, 2^{11}\})$	371141388288
12	$\mathcal{O}(5; \{6, 3^6, 2^7\})$	2597989718016
12	$\mathcal{O}(5; \{6, 3^9, 2^3\})$	21155059132416
12	$\mathcal{O}(5; \{6, 4^2, 3^3, 2^8\})$	743008370688
12	$\mathcal{O}(5; \{6, 4^2, 3^6, 2^4\})$	5201058594816
12	$\mathcal{O}(5; \{6, 4^2, 3^9\})$	42351477129216
12	$\mathcal{O}(5; \{6, 4^4, 3^3, 2^5\})$	2972033482752
12	$\mathcal{O}(5; \{6, 4^4, 3^6, 2\})$	20804234379264
12	$\mathcal{O}(5; \{6, 4^6, 3^3, 2^2\})$	11888133931008
12	$\mathcal{O}(5; \{6^2, 3, 2^{12}\})$	123713796096
12	$\mathcal{O}(5; \{6^2, 3^4, 2^8\})$	1360851757056
12	$\mathcal{O}(5; \{6^2, 3^7, 2^4\})$	10515672668160
12	$\mathcal{O}(5; \{6^2, 3^{10}\})$	84496522733568
12	$\mathcal{O}(5; \{6^2, 4^2, 3, 2^9\})$	247669456896
12	$\mathcal{O}(5; \{6^2, 4^2, 3^4, 2^5\})$	2724364025856
12	$\mathcal{O}(5; \{6^2, 4^2, 3^7, 2\})$	21051903836160
12	$\mathcal{O}(5; \{6^2, 4^4, 3, 2^6\})$	990677827584
12	$\mathcal{O}(5; \{6^2, 4^4, 3^4, 2^2\})$	10897456103424
12	$\mathcal{O}(5; \{6^2, 4^6, 3, 2^3\})$	3962711310336
12	$\mathcal{O}(5; \{6^2, 4^8, 3\})$	15850845241344
12	$\mathcal{O}(5; \{6^3, 3^2, 2^9\})$	618568980480
12	$\mathcal{O}(5; \{6^3, 3^5, 2^5\})$	5319693232128
12	$\mathcal{O}(5; \{6^3, 3^8, 2\})$	42186404468736
12	$\mathcal{O}(5; \{6^3, 4^2, 3^2, 2^6\})$	1238347284480
12	$\mathcal{O}(5; \{6^3, 4^2, 3^5, 2^2\})$	10649786646528
12	$\mathcal{O}(5; \{6^3, 4^4, 3^2, 2^3\})$	4953389137920
12	$\mathcal{O}(5; \{6^3, 4^6, 3^2\})$	19813556551680
12	$\mathcal{O}(5; \{6^4, 2^{10}\})$	371141388288

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{6^4, 3^3, 2^6\})$	2597989718016
12	$\mathcal{O}(5; \{6^4, 3^6, 2^2\})$	21155059132416
12	$\mathcal{O}(5; \{6^4, 4^2, 2^7\})$	743008370688
12	$\mathcal{O}(5; \{6^4, 4^2, 3^3, 2^3\})$	5201058594816
12	$\mathcal{O}(5; \{6^4, 4^4, 2^4\})$	2972033482752
12	$\mathcal{O}(5; \{6^4, 4^4, 3^3\})$	20804234379264
12	$\mathcal{O}(5; \{6^4, 4^6, 2\})$	11888133931008
12	$\mathcal{O}(5; \{6^5, 3, 2^7\})$	1360851757056
12	$\mathcal{O}(5; \{6^5, 3^4, 2^3\})$	10515672668160
12	$\mathcal{O}(5; \{6^5, 4^2, 3, 2^4\})$	2724364025856
12	$\mathcal{O}(5; \{6^5, 4^2, 3^4\})$	21051903836160
12	$\mathcal{O}(5; \{6^5, 4^4, 3, 2\})$	10897456103424
12	$\mathcal{O}(5; \{6^6, 3^2, 2^4\})$	5319693232128
12	$\mathcal{O}(5; \{6^6, 3^5\})$	42186404468736
12	$\mathcal{O}(5; \{6^6, 4^2, 3^2, 2\})$	10649786646528
12	$\mathcal{O}(5; \{6^7, 2^5\})$	2597989718016
12	$\mathcal{O}(5; \{6^7, 3^3, 2\})$	21155059132416
12	$\mathcal{O}(5; \{6^7, 4^2, 2^2\})$	5201058594816
12	$\mathcal{O}(5; \{6^8, 3, 2^2\})$	10515672668160
12	$\mathcal{O}(5; \{6^{10}\})$	21155059132416
12	$\mathcal{O}(5; \{12, 4, 3, 2^{12}\})$	247669456896
12	$\mathcal{O}(5; \{12, 4, 3^4, 2^8\})$	1238347284480
12	$\mathcal{O}(5; \{12, 4, 3^7, 2^4\})$	10649786646528
12	$\mathcal{O}(5; \{12, 4, 3^{10}\})$	84455284801536
12	$\mathcal{O}(5; \{12, 4^3, 3, 2^9\})$	990677827584
12	$\mathcal{O}(5; \{12, 4^3, 3^4, 2^5\})$	4953389137920
12	$\mathcal{O}(5; \{12, 4^3, 3^7, 2\})$	42599146586112
12	$\mathcal{O}(5; \{12, 4^5, 3, 2^6\})$	3962711310336
12	$\mathcal{O}(5; \{12, 4^5, 3^4, 2^2\})$	19813556551680
12	$\mathcal{O}(5; \{12, 4^7, 3, 2^3\})$	15850845241344
12	$\mathcal{O}(5; \{12, 4^9, 3\})$	63403380965376
12	$\mathcal{O}(5; \{12, 6, 4, 3^2, 2^9\})$	743008370688
12	$\mathcal{O}(5; \{12, 6, 4, 3^5, 2^5\})$	5201058594816
12	$\mathcal{O}(5; \{12, 6, 4, 3^8, 2\})$	42351477129216
12	$\mathcal{O}(5; \{12, 6, 4^3, 3^2, 2^6\})$	2972033482752
12	$\mathcal{O}(5; \{12, 6, 4^3, 3^5, 2^2\})$	20804234379264
12	$\mathcal{O}(5; \{12, 6, 4^5, 3^2, 2^3\})$	11888133931008
12	$\mathcal{O}(5; \{12, 6, 4^7, 3^2\})$	47552535724032
12	$\mathcal{O}(5; \{12, 6^2, 4, 2^{10}\})$	247669456896
12	$\mathcal{O}(5; \{12, 6^2, 4, 3^3, 2^6\})$	2724364025856
12	$\mathcal{O}(5; \{12, 6^2, 4, 3^6, 2^2\})$	21051903836160
12	$\mathcal{O}(5; \{12, 6^2, 4^3, 2^7\})$	990677827584
12	$\mathcal{O}(5; \{12, 6^2, 4^3, 3^3, 2^3\})$	10897456103424

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{12, 6^2, 4^5, 2^4\})$	3962711310336
12	$\mathcal{O}(5; \{12, 6^2, 4^5, 3^3\})$	43589824413696
12	$\mathcal{O}(5; \{12, 6^2, 4^7, 2\})$	15850845241344
12	$\mathcal{O}(5; \{12, 6^3, 4, 3, 2^7\})$	1238347284480
12	$\mathcal{O}(5; \{12, 6^3, 4, 3^4, 2^3\})$	10649786646528
12	$\mathcal{O}(5; \{12, 6^3, 4^3, 3, 2^4\})$	4953389137920
12	$\mathcal{O}(5; \{12, 6^3, 4^3, 3^4\})$	42599146586112
12	$\mathcal{O}(5; \{12, 6^3, 4^5, 3, 2\})$	19813556551680
12	$\mathcal{O}(5; \{12, 6^4, 4, 3^2, 2^4\})$	5201058594816
12	$\mathcal{O}(5; \{12, 6^4, 4, 3^5\})$	42351477129216
12	$\mathcal{O}(5; \{12, 6^4, 4^3, 3^2, 2\})$	20804234379264
12	$\mathcal{O}(5; \{12, 6^5, 4, 2^5\})$	2724364025856
12	$\mathcal{O}(5; \{12, 6^5, 4, 3^3, 2\})$	21051903836160
12	$\mathcal{O}(5; \{12, 6^5, 4^3, 2^2\})$	10897456103424
12	$\mathcal{O}(5; \{12, 6^6, 4, 3, 2^2\})$	10649786646528
12	$\mathcal{O}(5; \{12, 6^8, 4\})$	21051903836160
12	$\mathcal{O}(5; \{12^2, 2^{13}\})$	247669456896
12	$\mathcal{O}(5; \{12^2, 3^3, 2^9\})$	1238347284480
12	$\mathcal{O}(5; \{12^2, 3^6, 2^5\})$	10649786646528
12	$\mathcal{O}(5; \{12^2, 3^9, 2\})$	84455284801536
12	$\mathcal{O}(5; \{12^2, 4^2, 2^{10}\})$	990677827584
12	$\mathcal{O}(5; \{12^2, 4^2, 3^3, 2^6\})$	4953389137920
12	$\mathcal{O}(5; \{12^2, 4^2, 3^6, 2^2\})$	42599146586112
12	$\mathcal{O}(5; \{12^2, 4^4, 2^7\})$	3962711310336
12	$\mathcal{O}(5; \{12^2, 4^4, 3^3, 2^3\})$	19813556551680
12	$\mathcal{O}(5; \{12^2, 4^6, 2^4\})$	15850845241344
12	$\mathcal{O}(5; \{12^2, 4^6, 3^3\})$	79254226206720
12	$\mathcal{O}(5; \{12^2, 4^8, 2\})$	63403380965376
12	$\mathcal{O}(5; \{12^2, 6, 3, 2^{10}\})$	743008370688
12	$\mathcal{O}(5; \{12^2, 6, 3^4, 2^6\})$	5201058594816
12	$\mathcal{O}(5; \{12^2, 6, 3^7, 2^2\})$	42351477129216
12	$\mathcal{O}(5; \{12^2, 6, 4^2, 3, 2^7\})$	2972033482752
12	$\mathcal{O}(5; \{12^2, 6, 4^2, 3^4, 2^3\})$	20804234379264
12	$\mathcal{O}(5; \{12^2, 6, 4^4, 3, 2^4\})$	11888133931008
12	$\mathcal{O}(5; \{12^2, 6, 4^4, 3^4\})$	83216937517056
12	$\mathcal{O}(5; \{12^2, 6, 4^6, 3, 2\})$	47552535724032
12	$\mathcal{O}(5; \{12^2, 6^2, 3^2, 2^7\})$	2724364025856
12	$\mathcal{O}(5; \{12^2, 6^2, 3^5, 2^3\})$	21051903836160
12	$\mathcal{O}(5; \{12^2, 6^2, 4^2, 3^2, 2^4\})$	10897456103424
12	$\mathcal{O}(5; \{12^2, 6^2, 4^2, 3^5\})$	84207615344640
12	$\mathcal{O}(5; \{12^2, 6^2, 4^4, 3^2, 2\})$	43589824413696
12	$\mathcal{O}(5; \{12^2, 6^3, 2^8\})$	1238347284480
12	$\mathcal{O}(5; \{12^2, 6^3, 3^3, 2^4\})$	10649786646528

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{12^2, 6^3, 3^6\})$	84455284801536
12	$\mathcal{O}(5; \{12^2, 6^3, 4^2, 2^5\})$	4953389137920
12	$\mathcal{O}(5; \{12^2, 6^3, 4^2, 3^3, 2\})$	42599146586112
12	$\mathcal{O}(5; \{12^2, 6^3, 4^4, 2^2\})$	19813556551680
12	$\mathcal{O}(5; \{12^2, 6^4, 3, 2^5\})$	5201058594816
12	$\mathcal{O}(5; \{12^2, 6^4, 3^4, 2\})$	42351477129216
12	$\mathcal{O}(5; \{12^2, 6^4, 4^2, 3, 2^2\})$	20804234379264
12	$\mathcal{O}(5; \{12^2, 6^5, 3^2, 2^2\})$	21051903836160
12	$\mathcal{O}(5; \{12^2, 6^6, 2^3\})$	10649786646528
12	$\mathcal{O}(5; \{12^2, 6^6, 4^2\})$	42599146586112
12	$\mathcal{O}(5; \{12^2, 6^7, 3\})$	42351477129216
12	$\mathcal{O}(5; \{12^3, 4, 3^2, 2^7\})$	4953389137920
12	$\mathcal{O}(5; \{12^3, 4, 3^5, 2^3\})$	42599146586112
12	$\mathcal{O}(5; \{12^3, 4^3, 3^2, 2^4\})$	19813556551680
12	$\mathcal{O}(5; \{12^3, 4^3, 3^5\})$	170396586344448
12	$\mathcal{O}(5; \{12^3, 4^5, 3^2, 2\})$	79254226206720
12	$\mathcal{O}(5; \{12^3, 6, 4, 2^8\})$	2972033482752
12	$\mathcal{O}(5; \{12^3, 6, 4, 3^3, 2^4\})$	20804234379264
12	$\mathcal{O}(5; \{12^3, 6, 4, 3^6\})$	169405908516864
12	$\mathcal{O}(5; \{12^3, 6, 4^3, 2^5\})$	11888133931008
12	$\mathcal{O}(5; \{12^3, 6, 4^3, 3^3, 2\})$	83216937517056
12	$\mathcal{O}(5; \{12^3, 6, 4^5, 2^2\})$	47552535724032
12	$\mathcal{O}(5; \{12^3, 6^2, 4, 3, 2^5\})$	10897456103424
12	$\mathcal{O}(5; \{12^3, 6^2, 4, 3^4, 2\})$	84207615344640
12	$\mathcal{O}(5; \{12^3, 6^2, 4^3, 3, 2^2\})$	43589824413696
12	$\mathcal{O}(5; \{12^3, 6^3, 4, 3^2, 2^2\})$	42599146586112
12	$\mathcal{O}(5; \{12^3, 6^4, 4, 2^3\})$	20804234379264
12	$\mathcal{O}(5; \{12^3, 6^4, 4^3\})$	83216937517056
12	$\mathcal{O}(5; \{12^3, 6^5, 4, 3\})$	84207615344640
12	$\mathcal{O}(5; \{12^4, 3, 2^8\})$	4953389137920
12	$\mathcal{O}(5; \{12^4, 3^4, 2^4\})$	42599146586112
12	$\mathcal{O}(5; \{12^4, 3^7\})$	337821139206144
12	$\mathcal{O}(5; \{12^4, 4^2, 3, 2^5\})$	19813556551680
12	$\mathcal{O}(5; \{12^4, 4^2, 3^4, 2\})$	170396586344448
12	$\mathcal{O}(5; \{12^4, 4^4, 3, 2^2\})$	79254226206720
12	$\mathcal{O}(5; \{12^4, 6, 3^2, 2^5\})$	20804234379264
12	$\mathcal{O}(5; \{12^4, 6, 3^5, 2\})$	169405908516864
12	$\mathcal{O}(5; \{12^4, 6, 4^2, 3^2, 2^2\})$	83216937517056
12	$\mathcal{O}(5; \{12^4, 6^2, 2^6\})$	10897456103424
12	$\mathcal{O}(5; \{12^4, 6^2, 3^3, 2^2\})$	84207615344640
12	$\mathcal{O}(5; \{12^4, 6^2, 4^2, 2^3\})$	43589824413696
12	$\mathcal{O}(5; \{12^4, 6^2, 4^4\})$	174359297654784
12	$\mathcal{O}(5; \{12^4, 6^3, 3, 2^3\})$	42599146586112

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{12^4, 6^3, 4^2, 3\})$	170396586344448
12	$\mathcal{O}(5; \{12^4, 6^4, 3^2\})$	169405908516864
12	$\mathcal{O}(5; \{12^4, 6^5, 2\})$	84207615344640
12	$\mathcal{O}(5; \{12^5, 4, 2^6\})$	19813556551680
12	$\mathcal{O}(5; \{12^5, 4, 3^3, 2^2\})$	170396586344448
12	$\mathcal{O}(5; \{12^5, 4^3, 2^3\})$	79254226206720
12	$\mathcal{O}(5; \{12^5, 4^5\})$	317016904826880
12	$\mathcal{O}(5; \{12^5, 6, 4, 3, 2^3\})$	83216937517056
12	$\mathcal{O}(5; \{12^5, 6, 4^3, 3\})$	332867750068224
12	$\mathcal{O}(5; \{12^5, 6^2, 4, 3^2\})$	336830461378560
12	$\mathcal{O}(5; \{12^5, 6^3, 4, 2\})$	170396586344448
12	$\mathcal{O}(5; \{12^6, 3^2, 2^3\})$	170396586344448
12	$\mathcal{O}(5; \{12^6, 4^2, 3^2\})$	681586345377792
12	$\mathcal{O}(5; \{12^6, 6, 2^4\})$	83216937517056
12	$\mathcal{O}(5; \{12^6, 6, 3^3\})$	677623634067456
12	$\mathcal{O}(5; \{12^6, 6, 4^2, 2\})$	332867750068224
12	$\mathcal{O}(5; \{12^6, 6^2, 3, 2\})$	336830461378560
12	$\mathcal{O}(5; \{12^7, 4, 3, 2\})$	681586345377792
12	$\mathcal{O}(5; \{12^8, 2^2\})$	681586345377792
12	$\mathcal{O}(4; \{3^2, 2^{18}\})$	856604160
12	$\mathcal{O}(4; \{3^5, 2^{14}\})$	4283020800
12	$\mathcal{O}(4; \{3^8, 2^{10}\})$	36833978880
12	$\mathcal{O}(4; \{3^{11}, 2^6\})$	292102018560
12	$\mathcal{O}(4; \{3^{14}, 2^2\})$	2339385960960
12	$\mathcal{O}(4; \{4^2, 3^2, 2^{15}\})$	1719926784
12	$\mathcal{O}(4; \{4^2, 3^5, 2^{11}\})$	8599633920
12	$\mathcal{O}(4; \{4^2, 3^8, 2^7\})$	73956851712
12	$\mathcal{O}(4; \{4^2, 3^{11}, 2^3\})$	586495033344
12	$\mathcal{O}(4; \{4^4, 3^2, 2^{12}\})$	6879707136
12	$\mathcal{O}(4; \{4^4, 3^5, 2^8\})$	34398535680
12	$\mathcal{O}(4; \{4^4, 3^8, 2^4\})$	295827406848
12	$\mathcal{O}(4; \{4^4, 3^{11}\})$	2345980133376
12	$\mathcal{O}(4; \{4^6, 3^2, 2^9\})$	27518828544
12	$\mathcal{O}(4; \{4^6, 3^5, 2^5\})$	137594142720
12	$\mathcal{O}(4; \{4^6, 3^8, 2\})$	1183309627392
12	$\mathcal{O}(4; \{4^8, 3^2, 2^6\})$	110075314176
12	$\mathcal{O}(4; \{4^8, 3^5, 2^2\})$	550376570880
12	$\mathcal{O}(4; \{4^{10}, 3^2, 2^3\})$	440301256704
12	$\mathcal{O}(4; \{4^{12}, 3^2\})$	1761205026816
12	$\mathcal{O}(4; \{6, 3^3, 2^{15}\})$	2569812480
12	$\mathcal{O}(4; \{6, 3^6, 2^{11}\})$	17988687360
12	$\mathcal{O}(4; \{6, 3^9, 2^7\})$	146479311360
12	$\mathcal{O}(4; \{6, 3^{12}, 2^3\})$	1169264678400

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{6, 4^2, 3^3, 2^{12}\})$	5159780352
12	$\mathcal{O}(4; \{6, 4^2, 3^6, 2^8\})$	36118462464
12	$\mathcal{O}(4; \{6, 4^2, 3^9, 2^4\})$	294107480064
12	$\mathcal{O}(4; \{6, 4^2, 3^{12}\})$	2347700060160
12	$\mathcal{O}(4; \{6, 4^4, 3^3, 2^9\})$	20639121408
12	$\mathcal{O}(4; \{6, 4^4, 3^6, 2^5\})$	144473849856
12	$\mathcal{O}(4; \{6, 4^4, 3^9, 2\})$	1176429920256
12	$\mathcal{O}(4; \{6, 4^6, 3^3, 2^6\})$	82556485632
12	$\mathcal{O}(4; \{6, 4^6, 3^6, 2^2\})$	577895399424
12	$\mathcal{O}(4; \{6, 4^8, 3^3, 2^3\})$	330225942528
12	$\mathcal{O}(4; \{6, 4^{10}, 3^3\})$	1320903770112
12	$\mathcal{O}(4; \{6^2, 3, 2^{16}\})$	856604160
12	$\mathcal{O}(4; \{6^2, 3^4, 2^{12}\})$	9422645760
12	$\mathcal{O}(4; \{6^2, 3^7, 2^8\})$	72811353600
12	$\mathcal{O}(4; \{6^2, 3^{10}, 2^4\})$	585060641280
12	$\mathcal{O}(4; \{6^2, 3^{13}\})$	4677915317760
12	$\mathcal{O}(4; \{6^2, 4^2, 3, 2^{13}\})$	1719926784
12	$\mathcal{O}(4; \{6^2, 4^2, 3^4, 2^9\})$	18919194624
12	$\mathcal{O}(4; \{6^2, 4^2, 3^7, 2^5\})$	146193776640
12	$\mathcal{O}(4; \{6^2, 4^2, 3^{10}, 2\})$	1174709993472
12	$\mathcal{O}(4; \{6^2, 4^4, 3, 2^{10}\})$	6879707136
12	$\mathcal{O}(4; \{6^2, 4^4, 3^4, 2^6\})$	75676778496
12	$\mathcal{O}(4; \{6^2, 4^4, 3^7, 2^2\})$	584775106560
12	$\mathcal{O}(4; \{6^2, 4^6, 3, 2^7\})$	27518828544
12	$\mathcal{O}(4; \{6^2, 4^6, 3^4, 2^3\})$	302707113984
12	$\mathcal{O}(4; \{6^2, 4^8, 3, 2^4\})$	110075314176
12	$\mathcal{O}(4; \{6^2, 4^8, 3^4\})$	1210828455936
12	$\mathcal{O}(4; \{6^2, 4^{10}, 3, 2\})$	440301256704
12	$\mathcal{O}(4; \{6^3, 3^2, 2^{13}\})$	4283020800
12	$\mathcal{O}(4; \{6^3, 3^5, 2^9\})$	36833978880
12	$\mathcal{O}(4; \{6^3, 3^8, 2^5\})$	292102018560
12	$\mathcal{O}(4; \{6^3, 3^{11}, 2\})$	2339385960960
12	$\mathcal{O}(4; \{6^3, 4^2, 3^2, 2^{10}\})$	8599633920
12	$\mathcal{O}(4; \{6^3, 4^2, 3^5, 2^6\})$	73956851712
12	$\mathcal{O}(4; \{6^3, 4^2, 3^8, 2^2\})$	586495033344
12	$\mathcal{O}(4; \{6^3, 4^4, 3^2, 2^7\})$	34398535680
12	$\mathcal{O}(4; \{6^3, 4^4, 3^5, 2^3\})$	295827406848
12	$\mathcal{O}(4; \{6^3, 4^6, 3^2, 2^4\})$	137594142720
12	$\mathcal{O}(4; \{6^3, 4^6, 3^5\})$	1183309627392
12	$\mathcal{O}(4; \{6^3, 4^8, 3^2, 2\})$	550376570880
12	$\mathcal{O}(4; \{6^4, 2^{14}\})$	2569812480
12	$\mathcal{O}(4; \{6^4, 3^3, 2^{10}\})$	17988687360
12	$\mathcal{O}(4; \{6^4, 3^6, 2^6\})$	146479311360

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{6^4, 3^9, 2^2\})$	1169264678400
12	$\mathcal{O}(4; \{6^4, 4^2, 2^{11}\})$	5159780352
12	$\mathcal{O}(4; \{6^4, 4^2, 3^3, 2^7\})$	36118462464
12	$\mathcal{O}(4; \{6^4, 4^2, 3^6, 2^3\})$	294107480064
12	$\mathcal{O}(4; \{6^4, 4^4, 2^8\})$	20639121408
12	$\mathcal{O}(4; \{6^4, 4^4, 3^3, 2^4\})$	144473849856
12	$\mathcal{O}(4; \{6^4, 4^4, 3^6\})$	1176429920256
12	$\mathcal{O}(4; \{6^4, 4^6, 2^5\})$	82556485632
12	$\mathcal{O}(4; \{6^4, 4^6, 3^3, 2\})$	577895399424
12	$\mathcal{O}(4; \{6^4, 4^8, 2^2\})$	330225942528
12	$\mathcal{O}(4; \{6^5, 3, 2^{11}\})$	9422645760
12	$\mathcal{O}(4; \{6^5, 3^4, 2^7\})$	72811353600
12	$\mathcal{O}(4; \{6^5, 3^7, 2^3\})$	585060641280
12	$\mathcal{O}(4; \{6^5, 4^2, 3, 2^8\})$	18919194624
12	$\mathcal{O}(4; \{6^5, 4^2, 3^4, 2^4\})$	146193776640
12	$\mathcal{O}(4; \{6^5, 4^2, 3^7\})$	1174709993472
12	$\mathcal{O}(4; \{6^5, 4^4, 3, 2^5\})$	75676778496
12	$\mathcal{O}(4; \{6^5, 4^4, 3^4, 2\})$	584775106560
12	$\mathcal{O}(4; \{6^5, 4^6, 3, 2^2\})$	302707113984
12	$\mathcal{O}(4; \{6^6, 3^2, 2^8\})$	36833978880
12	$\mathcal{O}(4; \{6^6, 3^5, 2^4\})$	292102018560
12	$\mathcal{O}(4; \{6^6, 3^8\})$	2339385960960
12	$\mathcal{O}(4; \{6^6, 4^2, 3^2, 2^5\})$	73956851712
12	$\mathcal{O}(4; \{6^6, 4^2, 3^5, 2\})$	586495033344
12	$\mathcal{O}(4; \{6^6, 4^4, 3^2, 2^2\})$	295827406848
12	$\mathcal{O}(4; \{6^7, 2^9\})$	17988687360
12	$\mathcal{O}(4; \{6^7, 3^3, 2^5\})$	146479311360
12	$\mathcal{O}(4; \{6^7, 3^6, 2\})$	1169264678400
12	$\mathcal{O}(4; \{6^7, 4^2, 2^6\})$	36118462464
12	$\mathcal{O}(4; \{6^7, 4^2, 3^3, 2^2\})$	294107480064
12	$\mathcal{O}(4; \{6^7, 4^4, 2^3\})$	144473849856
12	$\mathcal{O}(4; \{6^7, 4^6\})$	577895399424
12	$\mathcal{O}(4; \{6^8, 3, 2^6\})$	72811353600
12	$\mathcal{O}(4; \{6^8, 3^4, 2^2\})$	585060641280
12	$\mathcal{O}(4; \{6^8, 4^2, 3, 2^3\})$	146193776640
12	$\mathcal{O}(4; \{6^8, 4^4, 3\})$	584775106560
12	$\mathcal{O}(4; \{6^9, 3^2, 2^3\})$	292102018560
12	$\mathcal{O}(4; \{6^9, 4^2, 3^2\})$	586495033344
12	$\mathcal{O}(4; \{6^{10}, 2^4\})$	146479311360
12	$\mathcal{O}(4; \{6^{10}, 3^3\})$	1169264678400
12	$\mathcal{O}(4; \{6^{10}, 4^2, 2\})$	294107480064
12	$\mathcal{O}(4; \{6^{11}, 3, 2\})$	585060641280
12	$\mathcal{O}(4; \{12, 4, 3, 2^{16}\})$	1719926784

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12, 4, 3^4, 2^{12}\})$	8599633920
12	$\mathcal{O}(4; \{12, 4, 3^7, 2^8\})$	73956851712
12	$\mathcal{O}(4; \{12, 4, 3^{10}, 2^4\})$	586495033344
12	$\mathcal{O}(4; \{12, 4, 3^{13}\})$	4697120047104
12	$\mathcal{O}(4; \{12, 4^3, 3, 2^{13}\})$	6879707136
12	$\mathcal{O}(4; \{12, 4^3, 3^4, 2^9\})$	34398535680
12	$\mathcal{O}(4; \{12, 4^3, 3^7, 2^5\})$	295827406848
12	$\mathcal{O}(4; \{12, 4^3, 3^{10}, 2\})$	2345980133376
12	$\mathcal{O}(4; \{12, 4^5, 3, 2^{10}\})$	27518828544
12	$\mathcal{O}(4; \{12, 4^5, 3^4, 2^6\})$	137594142720
12	$\mathcal{O}(4; \{12, 4^5, 3^7, 2^2\})$	1183309627392
12	$\mathcal{O}(4; \{12, 4^7, 3, 2^7\})$	110075314176
12	$\mathcal{O}(4; \{12, 4^7, 3^4, 2^3\})$	550376570880
12	$\mathcal{O}(4; \{12, 4^9, 3, 2^4\})$	440301256704
12	$\mathcal{O}(4; \{12, 4^9, 3^4\})$	2201506283520
12	$\mathcal{O}(4; \{12, 4^{11}, 3, 2\})$	1761205026816
12	$\mathcal{O}(4; \{12, 6, 4, 3^2, 2^{13}\})$	5159780352
12	$\mathcal{O}(4; \{12, 6, 4, 3^5, 2^9\})$	36118462464
12	$\mathcal{O}(4; \{12, 6, 4, 3^8, 2^5\})$	294107480064
12	$\mathcal{O}(4; \{12, 6, 4, 3^{11}, 2\})$	2347700060160
12	$\mathcal{O}(4; \{12, 6, 4^3, 3^2, 2^{10}\})$	20639121408
12	$\mathcal{O}(4; \{12, 6, 4^3, 3^5, 2^6\})$	144473849856
12	$\mathcal{O}(4; \{12, 6, 4^3, 3^8, 2^2\})$	1176429920256
12	$\mathcal{O}(4; \{12, 6, 4^5, 3^2, 2^7\})$	82556485632
12	$\mathcal{O}(4; \{12, 6, 4^5, 3^5, 2^3\})$	577895399424
12	$\mathcal{O}(4; \{12, 6, 4^7, 3^2, 2^4\})$	330225942528
12	$\mathcal{O}(4; \{12, 6, 4^7, 3^5\})$	2311581597696
12	$\mathcal{O}(4; \{12, 6, 4^9, 3^2, 2\})$	1320903770112
12	$\mathcal{O}(4; \{12, 6^2, 4, 2^{14}\})$	1719926784
12	$\mathcal{O}(4; \{12, 6^2, 4, 3^3, 2^{10}\})$	18919194624
12	$\mathcal{O}(4; \{12, 6^2, 4, 3^6, 2^6\})$	146193776640
12	$\mathcal{O}(4; \{12, 6^2, 4, 3^9, 2^2\})$	1174709993472
12	$\mathcal{O}(4; \{12, 6^2, 4^3, 2^{11}\})$	6879707136
12	$\mathcal{O}(4; \{12, 6^2, 4^3, 3^3, 2^7\})$	75676778496
12	$\mathcal{O}(4; \{12, 6^2, 4^3, 3^6, 2^3\})$	584775106560
12	$\mathcal{O}(4; \{12, 6^2, 4^5, 2^8\})$	27518828544
12	$\mathcal{O}(4; \{12, 6^2, 4^5, 3^3, 2^4\})$	302707113984
12	$\mathcal{O}(4; \{12, 6^2, 4^5, 3^6\})$	2339100426240
12	$\mathcal{O}(4; \{12, 6^2, 4^7, 2^5\})$	110075314176
12	$\mathcal{O}(4; \{12, 6^2, 4^7, 3^3, 2\})$	1210828455936
12	$\mathcal{O}(4; \{12, 6^2, 4^9, 2^2\})$	440301256704
12	$\mathcal{O}(4; \{12, 6^3, 4, 3, 2^{11}\})$	8599633920
12	$\mathcal{O}(4; \{12, 6^3, 4, 3^4, 2^7\})$	73956851712

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12, 6^3, 4, 3^7, 2^3\})$	586495033344
12	$\mathcal{O}(4; \{12, 6^3, 4^3, 3, 2^8\})$	34398535680
12	$\mathcal{O}(4; \{12, 6^3, 4^3, 3^4, 2^4\})$	295827406848
12	$\mathcal{O}(4; \{12, 6^3, 4^3, 3^7\})$	2345980133376
12	$\mathcal{O}(4; \{12, 6^3, 4^5, 3, 2^5\})$	137594142720
12	$\mathcal{O}(4; \{12, 6^3, 4^5, 3^4, 2\})$	1183309627392
12	$\mathcal{O}(4; \{12, 6^3, 4^7, 3, 2^2\})$	550376570880
12	$\mathcal{O}(4; \{12, 6^4, 4, 3^2, 2^8\})$	36118462464
12	$\mathcal{O}(4; \{12, 6^4, 4, 3^5, 2^4\})$	294107480064
12	$\mathcal{O}(4; \{12, 6^4, 4, 3^8\})$	2347700060160
12	$\mathcal{O}(4; \{12, 6^4, 4^3, 3^2, 2^5\})$	144473849856
12	$\mathcal{O}(4; \{12, 6^4, 4^3, 3^5, 2\})$	1176429920256
12	$\mathcal{O}(4; \{12, 6^4, 4^5, 3^2, 2^2\})$	577895399424
12	$\mathcal{O}(4; \{12, 6^5, 4, 2^9\})$	18919194624
12	$\mathcal{O}(4; \{12, 6^5, 4, 3^3, 2^5\})$	146193776640
12	$\mathcal{O}(4; \{12, 6^5, 4, 3^6, 2\})$	1174709993472
12	$\mathcal{O}(4; \{12, 6^5, 4^3, 2^6\})$	75676778496
12	$\mathcal{O}(4; \{12, 6^5, 4^3, 3^3, 2^2\})$	584775106560
12	$\mathcal{O}(4; \{12, 6^5, 4^5, 2^3\})$	302707113984
12	$\mathcal{O}(4; \{12, 6^5, 4^7\})$	1210828455936
12	$\mathcal{O}(4; \{12, 6^6, 4, 3, 2^6\})$	73956851712
12	$\mathcal{O}(4; \{12, 6^6, 4, 3^4, 2^2\})$	586495033344
12	$\mathcal{O}(4; \{12, 6^6, 4^3, 3, 2^3\})$	295827406848
12	$\mathcal{O}(4; \{12, 6^6, 4^5, 3\})$	1183309627392
12	$\mathcal{O}(4; \{12, 6^7, 4, 3^2, 2^3\})$	294107480064
12	$\mathcal{O}(4; \{12, 6^7, 4^3, 3^2\})$	1176429920256
12	$\mathcal{O}(4; \{12, 6^8, 4, 2^4\})$	146193776640
12	$\mathcal{O}(4; \{12, 6^8, 4, 3^3\})$	1174709993472
12	$\mathcal{O}(4; \{12, 6^8, 4^3, 2\})$	584775106560
12	$\mathcal{O}(4; \{12, 6^9, 4, 3, 2\})$	586495033344
12	$\mathcal{O}(4; \{12^2, 2^{17}\})$	1719926784
12	$\mathcal{O}(4; \{12^2, 3^3, 2^{13}\})$	8599633920
12	$\mathcal{O}(4; \{12^2, 3^6, 2^9\})$	73956851712
12	$\mathcal{O}(4; \{12^2, 3^9, 2^5\})$	586495033344
12	$\mathcal{O}(4; \{12^2, 3^{12}, 2\})$	4697120047104
12	$\mathcal{O}(4; \{12^2, 4^2, 2^{14}\})$	6879707136
12	$\mathcal{O}(4; \{12^2, 4^2, 3^3, 2^{10}\})$	34398535680
12	$\mathcal{O}(4; \{12^2, 4^2, 3^6, 2^6\})$	295827406848
12	$\mathcal{O}(4; \{12^2, 4^2, 3^9, 2^2\})$	2345980133376
12	$\mathcal{O}(4; \{12^2, 4^4, 2^{11}\})$	27518828544
12	$\mathcal{O}(4; \{12^2, 4^4, 3^3, 2^7\})$	137594142720
12	$\mathcal{O}(4; \{12^2, 4^4, 3^6, 2^3\})$	1183309627392
12	$\mathcal{O}(4; \{12^2, 4^6, 2^8\})$	110075314176

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^2, 4^6, 3^3, 2^4\})$	550376570880
12	$\mathcal{O}(4; \{12^2, 4^6, 3^6\})$	4733238509568
12	$\mathcal{O}(4; \{12^2, 4^8, 2^5\})$	440301256704
12	$\mathcal{O}(4; \{12^2, 4^8, 3^3, 2\})$	2201506283520
12	$\mathcal{O}(4; \{12^2, 4^{10}, 2^2\})$	1761205026816
12	$\mathcal{O}(4; \{12^2, 6, 3, 2^{14}\})$	5159780352
12	$\mathcal{O}(4; \{12^2, 6, 3^4, 2^{10}\})$	36118462464
12	$\mathcal{O}(4; \{12^2, 6, 3^7, 2^6\})$	294107480064
12	$\mathcal{O}(4; \{12^2, 6, 3^{10}, 2^2\})$	2347700060160
12	$\mathcal{O}(4; \{12^2, 6, 4^2, 3, 2^{11}\})$	20639121408
12	$\mathcal{O}(4; \{12^2, 6, 4^2, 3^4, 2^7\})$	144473849856
12	$\mathcal{O}(4; \{12^2, 6, 4^2, 3^7, 2^3\})$	1176429920256
12	$\mathcal{O}(4; \{12^2, 6, 4^4, 3, 2^8\})$	82556485632
12	$\mathcal{O}(4; \{12^2, 6, 4^4, 3^4, 2^4\})$	577895399424
12	$\mathcal{O}(4; \{12^2, 6, 4^4, 3^7\})$	4705719681024
12	$\mathcal{O}(4; \{12^2, 6, 4^6, 3, 2^5\})$	330225942528
12	$\mathcal{O}(4; \{12^2, 6, 4^6, 3^4, 2\})$	2311581597696
12	$\mathcal{O}(4; \{12^2, 6, 4^8, 3, 2^2\})$	1320903770112
12	$\mathcal{O}(4; \{12^2, 6^2, 3^2, 2^{11}\})$	18919194624
12	$\mathcal{O}(4; \{12^2, 6^2, 3^5, 2^7\})$	146193776640
12	$\mathcal{O}(4; \{12^2, 6^2, 3^8, 2^3\})$	1174709993472
12	$\mathcal{O}(4; \{12^2, 6^2, 4^2, 3^2, 2^8\})$	75676778496
12	$\mathcal{O}(4; \{12^2, 6^2, 4^2, 3^5, 2^4\})$	584775106560
12	$\mathcal{O}(4; \{12^2, 6^2, 4^2, 3^8\})$	4698839973888
12	$\mathcal{O}(4; \{12^2, 6^2, 4^4, 3^2, 2^5\})$	302707113984
12	$\mathcal{O}(4; \{12^2, 6^2, 4^4, 3^5, 2\})$	2339100426240
12	$\mathcal{O}(4; \{12^2, 6^2, 4^6, 3^2, 2^2\})$	1210828455936
12	$\mathcal{O}(4; \{12^2, 6^3, 2^{12}\})$	8599633920
12	$\mathcal{O}(4; \{12^2, 6^3, 3^3, 2^8\})$	73956851712
12	$\mathcal{O}(4; \{12^2, 6^3, 3^6, 2^4\})$	586495033344
12	$\mathcal{O}(4; \{12^2, 6^3, 3^9\})$	4697120047104
12	$\mathcal{O}(4; \{12^2, 6^3, 4^2, 2^9\})$	34398535680
12	$\mathcal{O}(4; \{12^2, 6^3, 4^2, 3^3, 2^5\})$	295827406848
12	$\mathcal{O}(4; \{12^2, 6^3, 4^2, 3^6, 2\})$	2345980133376
12	$\mathcal{O}(4; \{12^2, 6^3, 4^4, 2^6\})$	137594142720
12	$\mathcal{O}(4; \{12^2, 6^3, 4^4, 3^3, 2^2\})$	1183309627392
12	$\mathcal{O}(4; \{12^2, 6^3, 4^6, 2^3\})$	550376570880
12	$\mathcal{O}(4; \{12^2, 6^3, 4^8\})$	2201506283520
12	$\mathcal{O}(4; \{12^2, 6^4, 3, 2^9\})$	36118462464
12	$\mathcal{O}(4; \{12^2, 6^4, 3^4, 2^5\})$	294107480064
12	$\mathcal{O}(4; \{12^2, 6^4, 3^7, 2\})$	2347700060160
12	$\mathcal{O}(4; \{12^2, 6^4, 4^2, 3, 2^6\})$	144473849856
12	$\mathcal{O}(4; \{12^2, 6^4, 4^2, 3^4, 2^2\})$	1176429920256

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^2, 6^4, 4^4, 3, 2^3\})$	577895399424
12	$\mathcal{O}(4; \{12^2, 6^4, 4^6, 3\})$	2311581597696
12	$\mathcal{O}(4; \{12^2, 6^5, 3^2, 2^6\})$	146193776640
12	$\mathcal{O}(4; \{12^2, 6^5, 3^5, 2^2\})$	1174709993472
12	$\mathcal{O}(4; \{12^2, 6^5, 4^2, 3^2, 2^3\})$	584775106560
12	$\mathcal{O}(4; \{12^2, 6^5, 4^4, 3^2\})$	2339100426240
12	$\mathcal{O}(4; \{12^2, 6^6, 2^7\})$	73956851712
12	$\mathcal{O}(4; \{12^2, 6^6, 3^3, 2^3\})$	586495033344
12	$\mathcal{O}(4; \{12^2, 6^6, 4^2, 2^4\})$	295827406848
12	$\mathcal{O}(4; \{12^2, 6^6, 4^2, 3^3\})$	2345980133376
12	$\mathcal{O}(4; \{12^2, 6^6, 4^4, 2\})$	1183309627392
12	$\mathcal{O}(4; \{12^2, 6^7, 3, 2^4\})$	294107480064
12	$\mathcal{O}(4; \{12^2, 6^7, 3^4\})$	2347700060160
12	$\mathcal{O}(4; \{12^2, 6^7, 4^2, 3, 2\})$	1176429920256
12	$\mathcal{O}(4; \{12^2, 6^8, 3^2, 2\})$	1174709993472
12	$\mathcal{O}(4; \{12^2, 6^9, 2^2\})$	586495033344
12	$\mathcal{O}(4; \{12^3, 4, 3^2, 2^{11}\})$	34398535680
12	$\mathcal{O}(4; \{12^3, 4, 3^5, 2^7\})$	295827406848
12	$\mathcal{O}(4; \{12^3, 4, 3^8, 2^3\})$	2345980133376
12	$\mathcal{O}(4; \{12^3, 4^3, 3^2, 2^8\})$	137594142720
12	$\mathcal{O}(4; \{12^3, 4^3, 3^5, 2^4\})$	1183309627392
12	$\mathcal{O}(4; \{12^3, 4^3, 3^8\})$	9383920533504
12	$\mathcal{O}(4; \{12^3, 4^5, 3^2, 2^5\})$	550376570880
12	$\mathcal{O}(4; \{12^3, 4^5, 3^5, 2\})$	4733238509568
12	$\mathcal{O}(4; \{12^3, 4^7, 3^2, 2^2\})$	2201506283520
12	$\mathcal{O}(4; \{12^3, 6, 4, 2^{12}\})$	20639121408
12	$\mathcal{O}(4; \{12^3, 6, 4, 3^3, 2^8\})$	144473849856
12	$\mathcal{O}(4; \{12^3, 6, 4, 3^6, 2^4\})$	1176429920256
12	$\mathcal{O}(4; \{12^3, 6, 4, 3^9\})$	9390800240640
12	$\mathcal{O}(4; \{12^3, 6, 4^3, 2^9\})$	82556485632
12	$\mathcal{O}(4; \{12^3, 6, 4^3, 3^3, 2^5\})$	577895399424
12	$\mathcal{O}(4; \{12^3, 6, 4^3, 3^6, 2\})$	4705719681024
12	$\mathcal{O}(4; \{12^3, 6, 4^5, 2^6\})$	330225942528
12	$\mathcal{O}(4; \{12^3, 6, 4^5, 3^3, 2^2\})$	2311581597696
12	$\mathcal{O}(4; \{12^3, 6, 4^7, 2^3\})$	1320903770112
12	$\mathcal{O}(4; \{12^3, 6, 4^9\})$	5283615080448
12	$\mathcal{O}(4; \{12^3, 6^2, 4, 3, 2^9\})$	75676778496
12	$\mathcal{O}(4; \{12^3, 6^2, 4, 3^4, 2^5\})$	584775106560
12	$\mathcal{O}(4; \{12^3, 6^2, 4, 3^7, 2\})$	4698839973888
12	$\mathcal{O}(4; \{12^3, 6^2, 4^3, 3, 2^6\})$	302707113984
12	$\mathcal{O}(4; \{12^3, 6^2, 4^3, 3^4, 2^2\})$	2339100426240
12	$\mathcal{O}(4; \{12^3, 6^2, 4^5, 3, 2^3\})$	1210828455936
12	$\mathcal{O}(4; \{12^3, 6^2, 4^7, 3\})$	4843313823744

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^3, 6^3, 4, 3^2, 2^6\})$	295827406848
12	$\mathcal{O}(4; \{12^3, 6^3, 4, 3^5, 2^2\})$	2345980133376
12	$\mathcal{O}(4; \{12^3, 6^3, 4^3, 3^2, 2^3\})$	1183309627392
12	$\mathcal{O}(4; \{12^3, 6^3, 4^5, 3^2\})$	4733238509568
12	$\mathcal{O}(4; \{12^3, 6^4, 4, 2^7\})$	144473849856
12	$\mathcal{O}(4; \{12^3, 6^4, 4, 3^3, 2^3\})$	1176429920256
12	$\mathcal{O}(4; \{12^3, 6^4, 4^3, 2^4\})$	577895399424
12	$\mathcal{O}(4; \{12^3, 6^4, 4^3, 3^3\})$	4705719681024
12	$\mathcal{O}(4; \{12^3, 6^4, 4^5, 2\})$	2311581597696
12	$\mathcal{O}(4; \{12^3, 6^5, 4, 3, 2^4\})$	584775106560
12	$\mathcal{O}(4; \{12^3, 6^5, 4, 3^4\})$	4698839973888
12	$\mathcal{O}(4; \{12^3, 6^5, 4^3, 3, 2\})$	2339100426240
12	$\mathcal{O}(4; \{12^3, 6^6, 4, 3^2, 2\})$	2345980133376
12	$\mathcal{O}(4; \{12^3, 6^7, 4, 2^2\})$	1176429920256
12	$\mathcal{O}(4; \{12^4, 3, 2^{12}\})$	34398535680
12	$\mathcal{O}(4; \{12^4, 3^4, 2^8\})$	295827406848
12	$\mathcal{O}(4; \{12^4, 3^7, 2^4\})$	2345980133376
12	$\mathcal{O}(4; \{12^4, 3^{10}\})$	18788480188416
12	$\mathcal{O}(4; \{12^4, 4^2, 3, 2^9\})$	137594142720
12	$\mathcal{O}(4; \{12^4, 4^2, 3^4, 2^5\})$	1183309627392
12	$\mathcal{O}(4; \{12^4, 4^2, 3^7, 2\})$	9383920533504
12	$\mathcal{O}(4; \{12^4, 4^4, 3, 2^6\})$	550376570880
12	$\mathcal{O}(4; \{12^4, 4^4, 3^4, 2^2\})$	4733238509568
12	$\mathcal{O}(4; \{12^4, 4^6, 3, 2^3\})$	2201506283520
12	$\mathcal{O}(4; \{12^4, 4^8, 3\})$	8806025134080
12	$\mathcal{O}(4; \{12^4, 6, 3^2, 2^9\})$	144473849856
12	$\mathcal{O}(4; \{12^4, 6, 3^5, 2^5\})$	1176429920256
12	$\mathcal{O}(4; \{12^4, 6, 3^8, 2\})$	9390800240640
12	$\mathcal{O}(4; \{12^4, 6, 4^2, 3^2, 2^6\})$	577895399424
12	$\mathcal{O}(4; \{12^4, 6, 4^2, 3^5, 2^2\})$	4705719681024
12	$\mathcal{O}(4; \{12^4, 6, 4^4, 3^2, 2^3\})$	2311581597696
12	$\mathcal{O}(4; \{12^4, 6, 4^6, 3^2\})$	9246326390784
12	$\mathcal{O}(4; \{12^4, 6^2, 2^{10}\})$	75676778496
12	$\mathcal{O}(4; \{12^4, 6^2, 3^3, 2^6\})$	584775106560
12	$\mathcal{O}(4; \{12^4, 6^2, 3^6, 2^2\})$	4698839973888
12	$\mathcal{O}(4; \{12^4, 6^2, 4^2, 2^7\})$	302707113984
12	$\mathcal{O}(4; \{12^4, 6^2, 4^2, 3^3, 2^3\})$	2339100426240
12	$\mathcal{O}(4; \{12^4, 6^2, 4^4, 2^4\})$	1210828455936
12	$\mathcal{O}(4; \{12^4, 6^2, 4^4, 3^3\})$	9356401704960
12	$\mathcal{O}(4; \{12^4, 6^2, 4^6, 2\})$	4843313823744
12	$\mathcal{O}(4; \{12^4, 6^3, 3, 2^7\})$	295827406848
12	$\mathcal{O}(4; \{12^4, 6^3, 3^4, 2^3\})$	2345980133376
12	$\mathcal{O}(4; \{12^4, 6^3, 4^2, 3, 2^4\})$	1183309627392

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^4, 6^3, 4^2, 3^4\})$	9383920533504
12	$\mathcal{O}(4; \{12^4, 6^3, 4^4, 3, 2\})$	4733238509568
12	$\mathcal{O}(4; \{12^4, 6^4, 3^2, 2^4\})$	1176429920256
12	$\mathcal{O}(4; \{12^4, 6^4, 3^5\})$	9390800240640
12	$\mathcal{O}(4; \{12^4, 6^4, 4^2, 3^2, 2\})$	4705719681024
12	$\mathcal{O}(4; \{12^4, 6^5, 2^5\})$	584775106560
12	$\mathcal{O}(4; \{12^4, 6^5, 3^3, 2\})$	4698839973888
12	$\mathcal{O}(4; \{12^4, 6^5, 4^2, 2^2\})$	2339100426240
12	$\mathcal{O}(4; \{12^4, 6^6, 3, 2^2\})$	2345980133376
12	$\mathcal{O}(4; \{12^4, 6^8\})$	4698839973888
12	$\mathcal{O}(4; \{12^5, 4, 2^{10}\})$	137594142720
12	$\mathcal{O}(4; \{12^5, 4, 3^3, 2^6\})$	1183309627392
12	$\mathcal{O}(4; \{12^5, 4, 3^6, 2^2\})$	9383920533504
12	$\mathcal{O}(4; \{12^5, 4^3, 2^7\})$	550376570880
12	$\mathcal{O}(4; \{12^5, 4^3, 3^3, 2^3\})$	4733238509568
12	$\mathcal{O}(4; \{12^5, 4^5, 2^4\})$	2201506283520
12	$\mathcal{O}(4; \{12^5, 4^5, 3^3\})$	18932954038272
12	$\mathcal{O}(4; \{12^5, 4^7, 2\})$	8806025134080
12	$\mathcal{O}(4; \{12^5, 6, 4, 3, 2^7\})$	577895399424
12	$\mathcal{O}(4; \{12^5, 6, 4, 3^4, 2^3\})$	4705719681024
12	$\mathcal{O}(4; \{12^5, 6, 4^3, 3, 2^4\})$	2311581597696
12	$\mathcal{O}(4; \{12^5, 6, 4^3, 3^4\})$	18822878724096
12	$\mathcal{O}(4; \{12^5, 6, 4^5, 3, 2\})$	9246326390784
12	$\mathcal{O}(4; \{12^5, 6^2, 4, 3^2, 2^4\})$	2339100426240
12	$\mathcal{O}(4; \{12^5, 6^2, 4, 3^5\})$	18795359895552
12	$\mathcal{O}(4; \{12^5, 6^2, 4^3, 3^2, 2\})$	9356401704960
12	$\mathcal{O}(4; \{12^5, 6^3, 4, 2^5\})$	1183309627392
12	$\mathcal{O}(4; \{12^5, 6^3, 4, 3^3, 2\})$	9383920533504
12	$\mathcal{O}(4; \{12^5, 6^3, 4^3, 2^2\})$	4733238509568
12	$\mathcal{O}(4; \{12^5, 6^4, 4, 3, 2^2\})$	4705719681024
12	$\mathcal{O}(4; \{12^5, 6^6, 4\})$	9383920533504
12	$\mathcal{O}(4; \{12^6, 3^2, 2^7\})$	1183309627392
12	$\mathcal{O}(4; \{12^6, 3^5, 2^3\})$	9383920533504
12	$\mathcal{O}(4; \{12^6, 4^2, 3^2, 2^4\})$	4733238509568
12	$\mathcal{O}(4; \{12^6, 4^2, 3^5\})$	37535682134016
12	$\mathcal{O}(4; \{12^6, 4^4, 3^2, 2\})$	18932954038272
12	$\mathcal{O}(4; \{12^6, 6, 2^8\})$	577895399424
12	$\mathcal{O}(4; \{12^6, 6, 3^3, 2^4\})$	4705719681024
12	$\mathcal{O}(4; \{12^6, 6, 3^6\})$	37563200962560
12	$\mathcal{O}(4; \{12^6, 6, 4^2, 2^5\})$	2311581597696
12	$\mathcal{O}(4; \{12^6, 6, 4^2, 3^3, 2\})$	18822878724096
12	$\mathcal{O}(4; \{12^6, 6, 4^4, 2^2\})$	9246326390784
12	$\mathcal{O}(4; \{12^6, 6^2, 3, 2^5\})$	2339100426240

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^6, 6^2, 3^4, 2\})$	18795359895552
12	$\mathcal{O}(4; \{12^6, 6^2, 4^2, 3, 2^2\})$	9356401704960
12	$\mathcal{O}(4; \{12^6, 6^3, 3^2, 2^2\})$	9383920533504
12	$\mathcal{O}(4; \{12^6, 6^4, 2^3\})$	4705719681024
12	$\mathcal{O}(4; \{12^6, 6^4, 4^2\})$	18822878724096
12	$\mathcal{O}(4; \{12^6, 6^5, 3\})$	18795359895552
12	$\mathcal{O}(4; \{12^7, 4, 3, 2^5\})$	4733238509568
12	$\mathcal{O}(4; \{12^7, 4, 3^4, 2\})$	37535682134016
12	$\mathcal{O}(4; \{12^7, 4^3, 3, 2^2\})$	18932954038272
12	$\mathcal{O}(4; \{12^7, 6, 4, 3^2, 2^2\})$	18822878724096
12	$\mathcal{O}(4; \{12^7, 6^2, 4, 2^3\})$	9356401704960
12	$\mathcal{O}(4; \{12^7, 6^2, 4^3\})$	37425606819840
12	$\mathcal{O}(4; \{12^7, 6^3, 4, 3\})$	37535682134016
12	$\mathcal{O}(4; \{12^8, 2^6\})$	4733238509568
12	$\mathcal{O}(4; \{12^8, 3^3, 2^2\})$	37535682134016
12	$\mathcal{O}(4; \{12^8, 4^2, 2^3\})$	18932954038272
12	$\mathcal{O}(4; \{12^8, 4^4\})$	75731816153088
12	$\mathcal{O}(4; \{12^8, 6, 3, 2^3\})$	18822878724096
12	$\mathcal{O}(4; \{12^8, 6, 4^2, 3\})$	75291514896384
12	$\mathcal{O}(4; \{12^8, 6^2, 3^2\})$	75181439582208
12	$\mathcal{O}(4; \{12^8, 6^3, 2\})$	37535682134016
12	$\mathcal{O}(4; \{12^9, 4, 3^2\})$	150142728536064
12	$\mathcal{O}(4; \{12^9, 6, 4, 2\})$	75291514896384
12	$\mathcal{O}(4; \{12^{10}, 3, 2\})$	150142728536064
12	$\mathcal{O}(3; \{3^2, 2^{22}\})$	5878656
12	$\mathcal{O}(3; \{3^5, 2^{18}\})$	29393280
12	$\mathcal{O}(3; \{3^8, 2^{14}\})$	252782208
12	$\mathcal{O}(3; \{3^{11}, 2^{10}\})$	2004621696
12	$\mathcal{O}(3; \{3^{14}, 2^6\})$	16054609536
12	$\mathcal{O}(3; \{3^{17}, 2^2\})$	128419240320
12	$\mathcal{O}(3; \{4^2, 3^2, 2^{19}\})$	11943936
12	$\mathcal{O}(3; \{4^2, 3^5, 2^{15}\})$	59719680
12	$\mathcal{O}(3; \{4^2, 3^8, 2^{11}\})$	513589248
12	$\mathcal{O}(3; \{4^2, 3^{11}, 2^7\})$	4072882176
12	$\mathcal{O}(3; \{4^2, 3^{14}, 2^3\})$	32618889216
12	$\mathcal{O}(3; \{4^4, 3^2, 2^{16}\})$	47775744
12	$\mathcal{O}(3; \{4^4, 3^5, 2^{12}\})$	238878720
12	$\mathcal{O}(3; \{4^4, 3^8, 2^8\})$	2054356992
12	$\mathcal{O}(3; \{4^4, 3^{11}, 2^4\})$	16291528704
12	$\mathcal{O}(3; \{4^4, 3^{14}\})$	130475556864
12	$\mathcal{O}(3; \{4^6, 3^2, 2^{13}\})$	191102976
12	$\mathcal{O}(3; \{4^6, 3^5, 2^9\})$	955514880
12	$\mathcal{O}(3; \{4^6, 3^8, 2^5\})$	8217427968

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{4^6, 3^{11}, 2\})$	65166114816
12	$\mathcal{O}(3; \{4^8, 3^2, 2^{10}\})$	764411904
12	$\mathcal{O}(3; \{4^8, 3^5, 2^6\})$	3822059520
12	$\mathcal{O}(3; \{4^8, 3^8, 2^2\})$	32869711872
12	$\mathcal{O}(3; \{4^{10}, 3^2, 2^7\})$	3057647616
12	$\mathcal{O}(3; \{4^{10}, 3^5, 2^3\})$	15288238080
12	$\mathcal{O}(3; \{4^{12}, 3^2, 2^4\})$	12230590464
12	$\mathcal{O}(3; \{4^{12}, 3^5\})$	61152952320
12	$\mathcal{O}(3; \{4^{14}, 3^2, 2\})$	48922361856
12	$\mathcal{O}(3; \{6, 3^3, 2^{19}\})$	17635968
12	$\mathcal{O}(3; \{6, 3^6, 2^{15}\})$	123451776
12	$\mathcal{O}(3; \{6, 3^9, 2^{11}\})$	1005250176
12	$\mathcal{O}(3; \{6, 3^{12}, 2^7\})$	8024365440
12	$\mathcal{O}(3; \{6, 3^{15}, 2^3\})$	64212559488
12	$\mathcal{O}(3; \{6, 4^2, 3^3, 2^{16}\})$	35831808
12	$\mathcal{O}(3; \{6, 4^2, 3^6, 2^{12}\})$	250822656
12	$\mathcal{O}(3; \{6, 4^2, 3^9, 2^8\})$	2042413056
12	$\mathcal{O}(3; \{6, 4^2, 3^{12}, 2^4\})$	16303472640
12	$\mathcal{O}(3; \{6, 4^2, 3^{15}\})$	130463612928
12	$\mathcal{O}(3; \{6, 4^4, 3^3, 2^{13}\})$	143327232
12	$\mathcal{O}(3; \{6, 4^4, 3^6, 2^9\})$	1003290624
12	$\mathcal{O}(3; \{6, 4^4, 3^9, 2^5\})$	8169652224
12	$\mathcal{O}(3; \{6, 4^4, 3^{12}, 2\})$	65213890560
12	$\mathcal{O}(3; \{6, 4^6, 3^3, 2^{10}\})$	573308928
12	$\mathcal{O}(3; \{6, 4^6, 3^6, 2^6\})$	4013162496
12	$\mathcal{O}(3; \{6, 4^6, 3^9, 2^2\})$	32678608896
12	$\mathcal{O}(3; \{6, 4^8, 3^3, 2^7\})$	2293235712
12	$\mathcal{O}(3; \{6, 4^8, 3^6, 2^3\})$	16052649984
12	$\mathcal{O}(3; \{6, 4^{10}, 3^3, 2^4\})$	9172942848
12	$\mathcal{O}(3; \{6, 4^{10}, 3^6\})$	64210599936
12	$\mathcal{O}(3; \{6, 4^{12}, 3^3, 2\})$	36691771392
12	$\mathcal{O}(3; \{6^2, 3, 2^{20}\})$	5878656
12	$\mathcal{O}(3; \{6^2, 3^4, 2^{16}\})$	64665216
12	$\mathcal{O}(3; \{6^2, 3^7, 2^{12}\})$	499685760
12	$\mathcal{O}(3; \{6^2, 3^{10}, 2^8\})$	4015122048
12	$\mathcal{O}(3; \{6^2, 3^{13}, 2^4\})$	32103340416
12	$\mathcal{O}(3; \{6^2, 3^{16}\})$	256844359296
12	$\mathcal{O}(3; \{6^2, 4^2, 3, 2^{17}\})$	11943936
12	$\mathcal{O}(3; \{6^2, 4^2, 3^4, 2^{13}\})$	131383296
12	$\mathcal{O}(3; \{6^2, 4^2, 3^7, 2^9\})$	1015234560
12	$\mathcal{O}(3; \{6^2, 4^2, 3^{10}, 2^5\})$	8157708288
12	$\mathcal{O}(3; \{6^2, 4^2, 3^{13}, 2\})$	65225834496
12	$\mathcal{O}(3; \{6^2, 4^4, 3, 2^{14}\})$	47775744

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{6^2, 4^4, 3^4, 2^{10}\})$	525533184
12	$\mathcal{O}(3; \{6^2, 4^4, 3^7, 2^6\})$	4060938240
12	$\mathcal{O}(3; \{6^2, 4^4, 3^{10}, 2^2\})$	32630833152
12	$\mathcal{O}(3; \{6^2, 4^6, 3, 2^{11}\})$	191102976
12	$\mathcal{O}(3; \{6^2, 4^6, 3^4, 2^7\})$	2102132736
12	$\mathcal{O}(3; \{6^2, 4^6, 3^7, 2^3\})$	16243752960
12	$\mathcal{O}(3; \{6^2, 4^8, 3, 2^8\})$	764411904
12	$\mathcal{O}(3; \{6^2, 4^8, 3^4, 2^4\})$	8408530944
12	$\mathcal{O}(3; \{6^2, 4^8, 3^7\})$	64975011840
12	$\mathcal{O}(3; \{6^2, 4^{10}, 3, 2^5\})$	3057647616
12	$\mathcal{O}(3; \{6^2, 4^{10}, 3^4, 2\})$	33634123776
12	$\mathcal{O}(3; \{6^2, 4^{12}, 3, 2^2\})$	12230590464
12	$\mathcal{O}(3; \{6^3, 3^2, 2^{17}\})$	29393280
12	$\mathcal{O}(3; \{6^3, 3^5, 2^{13}\})$	252782208
12	$\mathcal{O}(3; \{6^3, 3^8, 2^9\})$	2004621696
12	$\mathcal{O}(3; \{6^3, 3^{11}, 2^5\})$	16054609536
12	$\mathcal{O}(3; \{6^3, 3^{14}, 2\})$	128419240320
12	$\mathcal{O}(3; \{6^3, 4^2, 3^2, 2^{14}\})$	59719680
12	$\mathcal{O}(3; \{6^3, 4^2, 3^5, 2^{10}\})$	513589248
12	$\mathcal{O}(3; \{6^3, 4^2, 3^8, 2^6\})$	4072882176
12	$\mathcal{O}(3; \{6^3, 4^2, 3^{11}, 2^2\})$	32618889216
12	$\mathcal{O}(3; \{6^3, 4^4, 3^2, 2^{11}\})$	238878720
12	$\mathcal{O}(3; \{6^3, 4^4, 3^5, 2^7\})$	2054356992
12	$\mathcal{O}(3; \{6^3, 4^4, 3^8, 2^3\})$	16291528704
12	$\mathcal{O}(3; \{6^3, 4^6, 3^2, 2^8\})$	955514880
12	$\mathcal{O}(3; \{6^3, 4^6, 3^5, 2^4\})$	8217427968
12	$\mathcal{O}(3; \{6^3, 4^6, 3^8\})$	65166114816
12	$\mathcal{O}(3; \{6^3, 4^8, 3^2, 2^5\})$	3822059520
12	$\mathcal{O}(3; \{6^3, 4^8, 3^5, 2\})$	32869711872
12	$\mathcal{O}(3; \{6^3, 4^{10}, 3^2, 2^2\})$	15288238080
12	$\mathcal{O}(3; \{6^4, 2^{18}\})$	17635968
12	$\mathcal{O}(3; \{6^4, 3^3, 2^{14}\})$	123451776
12	$\mathcal{O}(3; \{6^4, 3^6, 2^{10}\})$	1005250176
12	$\mathcal{O}(3; \{6^4, 3^9, 2^6\})$	8024365440
12	$\mathcal{O}(3; \{6^4, 3^{12}, 2^2\})$	64212559488
12	$\mathcal{O}(3; \{6^4, 4^2, 2^{15}\})$	35831808
12	$\mathcal{O}(3; \{6^4, 4^2, 3^3, 2^{11}\})$	250822656
12	$\mathcal{O}(3; \{6^4, 4^2, 3^6, 2^7\})$	2042413056
12	$\mathcal{O}(3; \{6^4, 4^2, 3^9, 2^3\})$	16303472640
12	$\mathcal{O}(3; \{6^4, 4^4, 2^{12}\})$	143327232
12	$\mathcal{O}(3; \{6^4, 4^4, 3^3, 2^8\})$	1003290624
12	$\mathcal{O}(3; \{6^4, 4^4, 3^6, 2^4\})$	8169652224
12	$\mathcal{O}(3; \{6^4, 4^4, 3^9\})$	65213890560

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{6^4, 4^6, 2^9\})$	573308928
12	$\mathcal{O}(3; \{6^4, 4^6, 3^3, 2^5\})$	4013162496
12	$\mathcal{O}(3; \{6^4, 4^6, 3^6, 2\})$	32678608896
12	$\mathcal{O}(3; \{6^4, 4^8, 2^6\})$	2293235712
12	$\mathcal{O}(3; \{6^4, 4^8, 3^3, 2^2\})$	16052649984
12	$\mathcal{O}(3; \{6^4, 4^{10}, 2^3\})$	9172942848
12	$\mathcal{O}(3; \{6^4, 4^{12}\})$	36691771392
12	$\mathcal{O}(3; \{6^5, 3, 2^{15}\})$	64665216
12	$\mathcal{O}(3; \{6^5, 3^4, 2^{11}\})$	499685760
12	$\mathcal{O}(3; \{6^5, 3^7, 2^7\})$	4015122048
12	$\mathcal{O}(3; \{6^5, 3^{10}, 2^3\})$	32103340416
12	$\mathcal{O}(3; \{6^5, 4^2, 3, 2^{12}\})$	131383296
12	$\mathcal{O}(3; \{6^5, 4^2, 3^4, 2^8\})$	1015234560
12	$\mathcal{O}(3; \{6^5, 4^2, 3^7, 2^4\})$	8157708288
12	$\mathcal{O}(3; \{6^5, 4^2, 3^{10}\})$	65225834496
12	$\mathcal{O}(3; \{6^5, 4^4, 3, 2^9\})$	525533184
12	$\mathcal{O}(3; \{6^5, 4^4, 3^4, 2^5\})$	4060938240
12	$\mathcal{O}(3; \{6^5, 4^4, 3^7, 2\})$	32630833152
12	$\mathcal{O}(3; \{6^5, 4^6, 3, 2^6\})$	2102132736
12	$\mathcal{O}(3; \{6^5, 4^6, 3^4, 2^2\})$	16243752960
12	$\mathcal{O}(3; \{6^5, 4^8, 3, 2^3\})$	8408530944
12	$\mathcal{O}(3; \{6^5, 4^{10}, 3\})$	33634123776
12	$\mathcal{O}(3; \{6^6, 3^2, 2^{12}\})$	252782208
12	$\mathcal{O}(3; \{6^6, 3^5, 2^8\})$	2004621696
12	$\mathcal{O}(3; \{6^6, 3^8, 2^4\})$	16054609536
12	$\mathcal{O}(3; \{6^6, 3^{11}\})$	128419240320
12	$\mathcal{O}(3; \{6^6, 4^2, 3^2, 2^9\})$	513589248
12	$\mathcal{O}(3; \{6^6, 4^2, 3^5, 2^5\})$	4072882176
12	$\mathcal{O}(3; \{6^6, 4^2, 3^8, 2\})$	32618889216
12	$\mathcal{O}(3; \{6^6, 4^4, 3^2, 2^6\})$	2054356992
12	$\mathcal{O}(3; \{6^6, 4^4, 3^5, 2^2\})$	16291528704
12	$\mathcal{O}(3; \{6^6, 4^6, 3^2, 2^3\})$	8217427968
12	$\mathcal{O}(3; \{6^6, 4^8, 3^2\})$	32869711872
12	$\mathcal{O}(3; \{6^7, 2^{13}\})$	123451776
12	$\mathcal{O}(3; \{6^7, 3^3, 2^9\})$	1005250176
12	$\mathcal{O}(3; \{6^7, 3^6, 2^5\})$	8024365440
12	$\mathcal{O}(3; \{6^7, 3^9, 2\})$	64212559488
12	$\mathcal{O}(3; \{6^7, 4^2, 2^{10}\})$	250822656
12	$\mathcal{O}(3; \{6^7, 4^2, 3^3, 2^6\})$	2042413056
12	$\mathcal{O}(3; \{6^7, 4^2, 3^6, 2^2\})$	16303472640
12	$\mathcal{O}(3; \{6^7, 4^4, 2^7\})$	1003290624
12	$\mathcal{O}(3; \{6^7, 4^4, 3^3, 2^3\})$	8169652224
12	$\mathcal{O}(3; \{6^7, 4^6, 2^4\})$	4013162496

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{6^7, 4^6, 3^3\})$	32678608896
12	$\mathcal{O}(3; \{6^7, 4^8, 2\})$	16052649984
12	$\mathcal{O}(3; \{6^8, 3, 2^{10}\})$	499685760
12	$\mathcal{O}(3; \{6^8, 3^4, 2^6\})$	4015122048
12	$\mathcal{O}(3; \{6^8, 3^7, 2^2\})$	32103340416
12	$\mathcal{O}(3; \{6^8, 4^2, 3, 2^7\})$	1015234560
12	$\mathcal{O}(3; \{6^8, 4^2, 3^4, 2^3\})$	8157708288
12	$\mathcal{O}(3; \{6^8, 4^4, 3, 2^4\})$	4060938240
12	$\mathcal{O}(3; \{6^8, 4^4, 3^4\})$	32630833152
12	$\mathcal{O}(3; \{6^8, 4^6, 3, 2\})$	16243752960
12	$\mathcal{O}(3; \{6^9, 3^2, 2^7\})$	2004621696
12	$\mathcal{O}(3; \{6^9, 3^5, 2^3\})$	16054609536
12	$\mathcal{O}(3; \{6^9, 4^2, 3^2, 2^4\})$	4072882176
12	$\mathcal{O}(3; \{6^9, 4^2, 3^5\})$	32618889216
12	$\mathcal{O}(3; \{6^9, 4^4, 3^2, 2\})$	16291528704
12	$\mathcal{O}(3; \{6^{10}, 2^8\})$	1005250176
12	$\mathcal{O}(3; \{6^{10}, 3^3, 2^4\})$	8024365440
12	$\mathcal{O}(3; \{6^{10}, 3^6\})$	64212559488
12	$\mathcal{O}(3; \{6^{10}, 4^2, 2^5\})$	2042413056
12	$\mathcal{O}(3; \{6^{10}, 4^2, 3^3, 2\})$	16303472640
12	$\mathcal{O}(3; \{6^{10}, 4^4, 2^2\})$	8169652224
12	$\mathcal{O}(3; \{6^{11}, 3, 2^5\})$	4015122048
12	$\mathcal{O}(3; \{6^{11}, 3^4, 2\})$	32103340416
12	$\mathcal{O}(3; \{6^{11}, 4^2, 3, 2^2\})$	8157708288
12	$\mathcal{O}(3; \{6^{12}, 3^2, 2^2\})$	16054609536
12	$\mathcal{O}(3; \{6^{13}, 2^3\})$	8024365440
12	$\mathcal{O}(3; \{6^{13}, 4^2\})$	16303472640
12	$\mathcal{O}(3; \{6^{14}, 3\})$	32103340416
12	$\mathcal{O}(3; \{12, 4, 3, 2^{20}\})$	11943936
12	$\mathcal{O}(3; \{12, 4, 3^4, 2^{16}\})$	59719680
12	$\mathcal{O}(3; \{12, 4, 3^7, 2^{12}\})$	513589248
12	$\mathcal{O}(3; \{12, 4, 3^{10}, 2^8\})$	4072882176
12	$\mathcal{O}(3; \{12, 4, 3^{13}, 2^4\})$	32618889216
12	$\mathcal{O}(3; \{12, 4, 3^{16}\})$	260915281920
12	$\mathcal{O}(3; \{12, 4^3, 3, 2^{17}\})$	47775744
12	$\mathcal{O}(3; \{12, 4^3, 3^4, 2^{13}\})$	238878720
12	$\mathcal{O}(3; \{12, 4^3, 3^7, 2^9\})$	2054356992
12	$\mathcal{O}(3; \{12, 4^3, 3^{10}, 2^5\})$	16291528704
12	$\mathcal{O}(3; \{12, 4^3, 3^{13}, 2\})$	130475556864
12	$\mathcal{O}(3; \{12, 4^5, 3, 2^{14}\})$	191102976
12	$\mathcal{O}(3; \{12, 4^5, 3^4, 2^{10}\})$	955514880
12	$\mathcal{O}(3; \{12, 4^5, 3^7, 2^6\})$	8217427968
12	$\mathcal{O}(3; \{12, 4^5, 3^{10}, 2^2\})$	65166114816

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12, 4^7, 3, 2^{11}\})$	764411904
12	$\mathcal{O}(3; \{12, 4^7, 3^4, 2^7\})$	3822059520
12	$\mathcal{O}(3; \{12, 4^7, 3^7, 2^3\})$	32869711872
12	$\mathcal{O}(3; \{12, 4^9, 3, 2^8\})$	3057647616
12	$\mathcal{O}(3; \{12, 4^9, 3^4, 2^4\})$	15288238080
12	$\mathcal{O}(3; \{12, 4^9, 3^7\})$	131478847488
12	$\mathcal{O}(3; \{12, 4^{11}, 3, 2^5\})$	12230590464
12	$\mathcal{O}(3; \{12, 4^{11}, 3^4, 2\})$	61152952320
12	$\mathcal{O}(3; \{12, 4^{13}, 3, 2^2\})$	48922361856
12	$\mathcal{O}(3; \{12, 6, 4, 3^2, 2^{17}\})$	35831808
12	$\mathcal{O}(3; \{12, 6, 4, 3^5, 2^{13}\})$	250822656
12	$\mathcal{O}(3; \{12, 6, 4, 3^8, 2^9\})$	2042413056
12	$\mathcal{O}(3; \{12, 6, 4, 3^{11}, 2^5\})$	16303472640
12	$\mathcal{O}(3; \{12, 6, 4, 3^{14}, 2\})$	130463612928
12	$\mathcal{O}(3; \{12, 6, 4^3, 3^2, 2^{14}\})$	143327232
12	$\mathcal{O}(3; \{12, 6, 4^3, 3^5, 2^{10}\})$	1003290624
12	$\mathcal{O}(3; \{12, 6, 4^3, 3^8, 2^6\})$	8169652224
12	$\mathcal{O}(3; \{12, 6, 4^3, 3^{11}, 2^2\})$	65213890560
12	$\mathcal{O}(3; \{12, 6, 4^5, 3^2, 2^{11}\})$	573308928
12	$\mathcal{O}(3; \{12, 6, 4^5, 3^5, 2^7\})$	4013162496
12	$\mathcal{O}(3; \{12, 6, 4^5, 3^8, 2^3\})$	32678608896
12	$\mathcal{O}(3; \{12, 6, 4^7, 3^2, 2^8\})$	2293235712
12	$\mathcal{O}(3; \{12, 6, 4^7, 3^5, 2^4\})$	16052649984
12	$\mathcal{O}(3; \{12, 6, 4^7, 3^8\})$	130714435584
12	$\mathcal{O}(3; \{12, 6, 4^9, 3^2, 2^5\})$	9172942848
12	$\mathcal{O}(3; \{12, 6, 4^9, 3^5, 2\})$	64210599936
12	$\mathcal{O}(3; \{12, 6, 4^{11}, 3^2, 2^2\})$	36691771392
12	$\mathcal{O}(3; \{12, 6^2, 4, 2^{18}\})$	11943936
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^3, 2^{14}\})$	131383296
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^6, 2^{10}\})$	1015234560
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^9, 2^6\})$	8157708288
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^{12}, 2^2\})$	65225834496
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 2^{15}\})$	47775744
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 3^3, 2^{11}\})$	525533184
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 3^6, 2^7\})$	4060938240
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 3^9, 2^3\})$	32630833152
12	$\mathcal{O}(3; \{12, 6^2, 4^5, 2^{12}\})$	191102976
12	$\mathcal{O}(3; \{12, 6^2, 4^5, 3^3, 2^8\})$	2102132736
12	$\mathcal{O}(3; \{12, 6^2, 4^5, 3^6, 2^4\})$	16243752960
12	$\mathcal{O}(3; \{12, 6^2, 4^5, 3^9\})$	130523332608
12	$\mathcal{O}(3; \{12, 6^2, 4^7, 2^9\})$	764411904
12	$\mathcal{O}(3; \{12, 6^2, 4^7, 3^3, 2^5\})$	8408530944
12	$\mathcal{O}(3; \{12, 6^2, 4^7, 3^6, 2\})$	64975011840

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12, 6^2, 4^9, 2^6\})$	3057647616
12	$\mathcal{O}(3; \{12, 6^2, 4^9, 3^3, 2^2\})$	33634123776
12	$\mathcal{O}(3; \{12, 6^2, 4^{11}, 2^3\})$	12230590464
12	$\mathcal{O}(3; \{12, 6^2, 4^{13}\})$	48922361856
12	$\mathcal{O}(3; \{12, 6^3, 4, 3, 2^{15}\})$	59719680
12	$\mathcal{O}(3; \{12, 6^3, 4, 3^4, 2^{11}\})$	513589248
12	$\mathcal{O}(3; \{12, 6^3, 4, 3^7, 2^7\})$	4072882176
12	$\mathcal{O}(3; \{12, 6^3, 4, 3^{10}, 2^3\})$	32618889216
12	$\mathcal{O}(3; \{12, 6^3, 4^3, 3, 2^{12}\})$	238878720
12	$\mathcal{O}(3; \{12, 6^3, 4^3, 3^4, 2^8\})$	2054356992
12	$\mathcal{O}(3; \{12, 6^3, 4^3, 3^7, 2^4\})$	16291528704
12	$\mathcal{O}(3; \{12, 6^3, 4^3, 3^{10}\})$	130475556864
12	$\mathcal{O}(3; \{12, 6^3, 4^5, 3, 2^9\})$	955514880
12	$\mathcal{O}(3; \{12, 6^3, 4^5, 3^4, 2^5\})$	8217427968
12	$\mathcal{O}(3; \{12, 6^3, 4^5, 3^7, 2\})$	65166114816
12	$\mathcal{O}(3; \{12, 6^3, 4^7, 3, 2^6\})$	3822059520
12	$\mathcal{O}(3; \{12, 6^3, 4^7, 3^4, 2^2\})$	32869711872
12	$\mathcal{O}(3; \{12, 6^3, 4^9, 3, 2^3\})$	15288238080
12	$\mathcal{O}(3; \{12, 6^3, 4^{11}, 3\})$	61152952320
12	$\mathcal{O}(3; \{12, 6^4, 4, 3^2, 2^{12}\})$	250822656
12	$\mathcal{O}(3; \{12, 6^4, 4, 3^5, 2^8\})$	2042413056
12	$\mathcal{O}(3; \{12, 6^4, 4, 3^8, 2^4\})$	16303472640
12	$\mathcal{O}(3; \{12, 6^4, 4, 3^{11}\})$	130463612928
12	$\mathcal{O}(3; \{12, 6^4, 4^3, 3^2, 2^9\})$	1003290624
12	$\mathcal{O}(3; \{12, 6^4, 4^3, 3^5, 2^5\})$	8169652224
12	$\mathcal{O}(3; \{12, 6^4, 4^3, 3^8, 2\})$	65213890560
12	$\mathcal{O}(3; \{12, 6^4, 4^5, 3^2, 2^6\})$	4013162496
12	$\mathcal{O}(3; \{12, 6^4, 4^5, 3^5, 2^2\})$	32678608896
12	$\mathcal{O}(3; \{12, 6^4, 4^7, 3^2, 2^3\})$	16052649984
12	$\mathcal{O}(3; \{12, 6^4, 4^9, 3^2\})$	64210599936
12	$\mathcal{O}(3; \{12, 6^5, 4, 2^{13}\})$	131383296
12	$\mathcal{O}(3; \{12, 6^5, 4, 3^3, 2^9\})$	1015234560
12	$\mathcal{O}(3; \{12, 6^5, 4, 3^6, 2^5\})$	8157708288
12	$\mathcal{O}(3; \{12, 6^5, 4, 3^9, 2\})$	65225834496
12	$\mathcal{O}(3; \{12, 6^5, 4^3, 2^{10}\})$	525533184
12	$\mathcal{O}(3; \{12, 6^5, 4^3, 3^3, 2^6\})$	4060938240
12	$\mathcal{O}(3; \{12, 6^5, 4^3, 3^6, 2^2\})$	32630833152
12	$\mathcal{O}(3; \{12, 6^5, 4^5, 2^7\})$	2102132736
12	$\mathcal{O}(3; \{12, 6^5, 4^5, 3^3, 2^3\})$	16243752960
12	$\mathcal{O}(3; \{12, 6^5, 4^7, 2^4\})$	8408530944
12	$\mathcal{O}(3; \{12, 6^5, 4^7, 3^3\})$	64975011840
12	$\mathcal{O}(3; \{12, 6^5, 4^9, 2\})$	33634123776
12	$\mathcal{O}(3; \{12, 6^6, 4, 3, 2^{10}\})$	513589248

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12, 6^6, 4, 3^4, 2^6\})$	4072882176
12	$\mathcal{O}(3; \{12, 6^6, 4, 3^7, 2^2\})$	32618889216
12	$\mathcal{O}(3; \{12, 6^6, 4^3, 3, 2^7\})$	2054356992
12	$\mathcal{O}(3; \{12, 6^6, 4^3, 3^4, 2^3\})$	16291528704
12	$\mathcal{O}(3; \{12, 6^6, 4^5, 3, 2^4\})$	8217427968
12	$\mathcal{O}(3; \{12, 6^6, 4^5, 3^4\})$	65166114816
12	$\mathcal{O}(3; \{12, 6^6, 4^7, 3, 2\})$	32869711872
12	$\mathcal{O}(3; \{12, 6^7, 4, 3^2, 2^7\})$	2042413056
12	$\mathcal{O}(3; \{12, 6^7, 4, 3^5, 2^3\})$	16303472640
12	$\mathcal{O}(3; \{12, 6^7, 4^3, 3^2, 2^4\})$	8169652224
12	$\mathcal{O}(3; \{12, 6^7, 4^3, 3^5\})$	65213890560
12	$\mathcal{O}(3; \{12, 6^7, 4^5, 3^2, 2\})$	32678608896
12	$\mathcal{O}(3; \{12, 6^8, 4, 2^8\})$	1015234560
12	$\mathcal{O}(3; \{12, 6^8, 4, 3^3, 2^4\})$	8157708288
12	$\mathcal{O}(3; \{12, 6^8, 4, 3^6\})$	65225834496
12	$\mathcal{O}(3; \{12, 6^8, 4^3, 2^5\})$	4060938240
12	$\mathcal{O}(3; \{12, 6^8, 4^3, 3^3, 2\})$	32630833152
12	$\mathcal{O}(3; \{12, 6^8, 4^5, 2^2\})$	16243752960
12	$\mathcal{O}(3; \{12, 6^9, 4, 3, 2^5\})$	4072882176
12	$\mathcal{O}(3; \{12, 6^9, 4, 3^4, 2\})$	32618889216
12	$\mathcal{O}(3; \{12, 6^9, 4^3, 3, 2^2\})$	16291528704
12	$\mathcal{O}(3; \{12, 6^{10}, 4, 3^2, 2^2\})$	16303472640
12	$\mathcal{O}(3; \{12, 6^{11}, 4, 2^3\})$	8157708288
12	$\mathcal{O}(3; \{12, 6^{11}, 4^3\})$	32630833152
12	$\mathcal{O}(3; \{12, 6^{12}, 4, 3\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 2^{21}\})$	11943936
12	$\mathcal{O}(3; \{12^2, 3^3, 2^{17}\})$	59719680
12	$\mathcal{O}(3; \{12^2, 3^6, 2^{13}\})$	513589248
12	$\mathcal{O}(3; \{12^2, 3^9, 2^9\})$	4072882176
12	$\mathcal{O}(3; \{12^2, 3^{12}, 2^5\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 3^{15}, 2\})$	260915281920
12	$\mathcal{O}(3; \{12^2, 4^2, 2^{18}\})$	47775744
12	$\mathcal{O}(3; \{12^2, 4^2, 3^3, 2^{14}\})$	238878720
12	$\mathcal{O}(3; \{12^2, 4^2, 3^6, 2^{10}\})$	2054356992
12	$\mathcal{O}(3; \{12^2, 4^2, 3^9, 2^6\})$	16291528704
12	$\mathcal{O}(3; \{12^2, 4^2, 3^{12}, 2^2\})$	130475556864
12	$\mathcal{O}(3; \{12^2, 4^4, 2^{15}\})$	191102976
12	$\mathcal{O}(3; \{12^2, 4^4, 3^3, 2^{11}\})$	955514880
12	$\mathcal{O}(3; \{12^2, 4^4, 3^6, 2^7\})$	8217427968
12	$\mathcal{O}(3; \{12^2, 4^4, 3^9, 2^3\})$	65166114816
12	$\mathcal{O}(3; \{12^2, 4^6, 2^{12}\})$	764411904
12	$\mathcal{O}(3; \{12^2, 4^6, 3^3, 2^8\})$	3822059520
12	$\mathcal{O}(3; \{12^2, 4^6, 3^6, 2^4\})$	32869711872

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^2, 4^6, 3^9\})$	260664459264
12	$\mathcal{O}(3; \{12^2, 4^8, 2^9\})$	3057647616
12	$\mathcal{O}(3; \{12^2, 4^8, 3^3, 2^5\})$	15288238080
12	$\mathcal{O}(3; \{12^2, 4^8, 3^6, 2\})$	131478847488
12	$\mathcal{O}(3; \{12^2, 4^{10}, 2^6\})$	12230590464
12	$\mathcal{O}(3; \{12^2, 4^{10}, 3^3, 2^2\})$	61152952320
12	$\mathcal{O}(3; \{12^2, 4^{12}, 2^3\})$	48922361856
12	$\mathcal{O}(3; \{12^2, 4^{14}\})$	195689447424
12	$\mathcal{O}(3; \{12^2, 6, 3, 2^{18}\})$	35831808
12	$\mathcal{O}(3; \{12^2, 6, 3^4, 2^{14}\})$	250822656
12	$\mathcal{O}(3; \{12^2, 6, 3^7, 2^{10}\})$	2042413056
12	$\mathcal{O}(3; \{12^2, 6, 3^{10}, 2^6\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 6, 3^{13}, 2^2\})$	130463612928
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3, 2^{15}\})$	143327232
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3^4, 2^{11}\})$	1003290624
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3^7, 2^7\})$	8169652224
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3^{10}, 2^3\})$	65213890560
12	$\mathcal{O}(3; \{12^2, 6, 4^4, 3, 2^{12}\})$	573308928
12	$\mathcal{O}(3; \{12^2, 6, 4^4, 3^4, 2^8\})$	4013162496
12	$\mathcal{O}(3; \{12^2, 6, 4^4, 3^7, 2^4\})$	32678608896
12	$\mathcal{O}(3; \{12^2, 6, 4^4, 3^{10}\})$	260855562240
12	$\mathcal{O}(3; \{12^2, 6, 4^6, 3, 2^9\})$	2293235712
12	$\mathcal{O}(3; \{12^2, 6, 4^6, 3^4, 2^5\})$	16052649984
12	$\mathcal{O}(3; \{12^2, 6, 4^6, 3^7, 2\})$	130714435584
12	$\mathcal{O}(3; \{12^2, 6, 4^8, 3, 2^6\})$	9172942848
12	$\mathcal{O}(3; \{12^2, 6, 4^8, 3^4, 2^2\})$	64210599936
12	$\mathcal{O}(3; \{12^2, 6, 4^{10}, 3, 2^3\})$	36691771392
12	$\mathcal{O}(3; \{12^2, 6, 4^{12}, 3\})$	146767085568
12	$\mathcal{O}(3; \{12^2, 6^2, 3^2, 2^{15}\})$	131383296
12	$\mathcal{O}(3; \{12^2, 6^2, 3^5, 2^{11}\})$	1015234560
12	$\mathcal{O}(3; \{12^2, 6^2, 3^8, 2^7\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 6^2, 3^{11}, 2^3\})$	65225834496
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 3^2, 2^{12}\})$	525533184
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 3^5, 2^8\})$	4060938240
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 3^8, 2^4\})$	32630833152
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 3^{11}\})$	260903337984
12	$\mathcal{O}(3; \{12^2, 6^2, 4^4, 3^2, 2^9\})$	2102132736
12	$\mathcal{O}(3; \{12^2, 6^2, 4^4, 3^5, 2^5\})$	16243752960
12	$\mathcal{O}(3; \{12^2, 6^2, 4^4, 3^8, 2\})$	130523332608
12	$\mathcal{O}(3; \{12^2, 6^2, 4^6, 3^2, 2^6\})$	8408530944
12	$\mathcal{O}(3; \{12^2, 6^2, 4^6, 3^5, 2^2\})$	64975011840
12	$\mathcal{O}(3; \{12^2, 6^2, 4^8, 3^2, 2^3\})$	33634123776
12	$\mathcal{O}(3; \{12^2, 6^2, 4^{10}, 3^2\})$	134536495104

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^2, 6^3, 2^{16}\})$	59719680
12	$\mathcal{O}(3; \{12^2, 6^3, 3^3, 2^{12}\})$	513589248
12	$\mathcal{O}(3; \{12^2, 6^3, 3^6, 2^8\})$	4072882176
12	$\mathcal{O}(3; \{12^2, 6^3, 3^9, 2^4\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 6^3, 3^{12}\})$	260915281920
12	$\mathcal{O}(3; \{12^2, 6^3, 4^2, 2^{13}\})$	238878720
12	$\mathcal{O}(3; \{12^2, 6^3, 4^2, 3^3, 2^9\})$	2054356992
12	$\mathcal{O}(3; \{12^2, 6^3, 4^2, 3^6, 2^5\})$	16291528704
12	$\mathcal{O}(3; \{12^2, 6^3, 4^2, 3^9, 2\})$	130475556864
12	$\mathcal{O}(3; \{12^2, 6^3, 4^4, 2^{10}\})$	955514880
12	$\mathcal{O}(3; \{12^2, 6^3, 4^4, 3^3, 2^6\})$	8217427968
12	$\mathcal{O}(3; \{12^2, 6^3, 4^4, 3^6, 2^2\})$	65166114816
12	$\mathcal{O}(3; \{12^2, 6^3, 4^6, 2^7\})$	3822059520
12	$\mathcal{O}(3; \{12^2, 6^3, 4^6, 3^3, 2^3\})$	32869711872
12	$\mathcal{O}(3; \{12^2, 6^3, 4^8, 2^4\})$	15288238080
12	$\mathcal{O}(3; \{12^2, 6^3, 4^8, 3^3\})$	131478847488
12	$\mathcal{O}(3; \{12^2, 6^3, 4^{10}, 2\})$	61152952320
12	$\mathcal{O}(3; \{12^2, 6^4, 3, 2^{13}\})$	250822656
12	$\mathcal{O}(3; \{12^2, 6^4, 3^4, 2^9\})$	2042413056
12	$\mathcal{O}(3; \{12^2, 6^4, 3^7, 2^5\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 6^4, 3^{10}, 2\})$	130463612928
12	$\mathcal{O}(3; \{12^2, 6^4, 4^2, 3, 2^{10}\})$	1003290624
12	$\mathcal{O}(3; \{12^2, 6^4, 4^2, 3^4, 2^6\})$	8169652224
12	$\mathcal{O}(3; \{12^2, 6^4, 4^2, 3^7, 2^2\})$	65213890560
12	$\mathcal{O}(3; \{12^2, 6^4, 4^4, 3, 2^7\})$	4013162496
12	$\mathcal{O}(3; \{12^2, 6^4, 4^4, 3^4, 2^3\})$	32678608896
12	$\mathcal{O}(3; \{12^2, 6^4, 4^6, 3, 2^4\})$	16052649984
12	$\mathcal{O}(3; \{12^2, 6^4, 4^6, 3^4\})$	130714435584
12	$\mathcal{O}(3; \{12^2, 6^4, 4^8, 3, 2\})$	64210599936
12	$\mathcal{O}(3; \{12^2, 6^5, 3^2, 2^{10}\})$	1015234560
12	$\mathcal{O}(3; \{12^2, 6^5, 3^5, 2^6\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 6^5, 3^8, 2^2\})$	65225834496
12	$\mathcal{O}(3; \{12^2, 6^5, 4^2, 3^2, 2^7\})$	4060938240
12	$\mathcal{O}(3; \{12^2, 6^5, 4^2, 3^5, 2^3\})$	32630833152
12	$\mathcal{O}(3; \{12^2, 6^5, 4^4, 3^2, 2^4\})$	16243752960
12	$\mathcal{O}(3; \{12^2, 6^5, 4^4, 3^5\})$	130523332608
12	$\mathcal{O}(3; \{12^2, 6^5, 4^6, 3^2, 2\})$	64975011840
12	$\mathcal{O}(3; \{12^2, 6^6, 2^{11}\})$	513589248
12	$\mathcal{O}(3; \{12^2, 6^6, 3^3, 2^7\})$	4072882176
12	$\mathcal{O}(3; \{12^2, 6^6, 3^6, 2^3\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 6^6, 4^2, 2^8\})$	2054356992
12	$\mathcal{O}(3; \{12^2, 6^6, 4^2, 3^3, 2^4\})$	16291528704
12	$\mathcal{O}(3; \{12^2, 6^6, 4^2, 3^6\})$	130475556864

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^2, 6^6, 4^4, 2^5\})$	8217427968
12	$\mathcal{O}(3; \{12^2, 6^6, 4^4, 3^3, 2\})$	65166114816
12	$\mathcal{O}(3; \{12^2, 6^6, 4^6, 2^2\})$	32869711872
12	$\mathcal{O}(3; \{12^2, 6^7, 3, 2^8\})$	2042413056
12	$\mathcal{O}(3; \{12^2, 6^7, 3^4, 2^4\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 6^7, 3^7\})$	130463612928
12	$\mathcal{O}(3; \{12^2, 6^7, 4^2, 3, 2^5\})$	8169652224
12	$\mathcal{O}(3; \{12^2, 6^7, 4^2, 3^4, 2\})$	65213890560
12	$\mathcal{O}(3; \{12^2, 6^7, 4^4, 3, 2^2\})$	32678608896
12	$\mathcal{O}(3; \{12^2, 6^8, 3^2, 2^5\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 6^8, 3^5, 2\})$	65225834496
12	$\mathcal{O}(3; \{12^2, 6^8, 4^2, 3^2, 2^2\})$	32630833152
12	$\mathcal{O}(3; \{12^2, 6^9, 2^6\})$	4072882176
12	$\mathcal{O}(3; \{12^2, 6^9, 3^3, 2^2\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 6^9, 4^2, 2^3\})$	16291528704
12	$\mathcal{O}(3; \{12^2, 6^9, 4^4\})$	65166114816
12	$\mathcal{O}(3; \{12^2, 6^{10}, 3, 2^3\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 6^{10}, 4^2, 3\})$	65213890560
12	$\mathcal{O}(3; \{12^2, 6^{11}, 3^2\})$	65225834496
12	$\mathcal{O}(3; \{12^2, 6^{12}, 2\})$	32618889216
12	$\mathcal{O}(3; \{12^3, 4, 3^2, 2^{15}\})$	238878720
12	$\mathcal{O}(3; \{12^3, 4, 3^5, 2^{11}\})$	2054356992
12	$\mathcal{O}(3; \{12^3, 4, 3^8, 2^7\})$	16291528704
12	$\mathcal{O}(3; \{12^3, 4, 3^{11}, 2^3\})$	130475556864
12	$\mathcal{O}(3; \{12^3, 4^3, 3^2, 2^{12}\})$	955514880
12	$\mathcal{O}(3; \{12^3, 4^3, 3^5, 2^8\})$	8217427968
12	$\mathcal{O}(3; \{12^3, 4^3, 3^8, 2^4\})$	65166114816
12	$\mathcal{O}(3; \{12^3, 4^3, 3^{11}\})$	521902227456
12	$\mathcal{O}(3; \{12^3, 4^5, 3^2, 2^9\})$	3822059520
12	$\mathcal{O}(3; \{12^3, 4^5, 3^5, 2^5\})$	32869711872
12	$\mathcal{O}(3; \{12^3, 4^5, 3^8, 2\})$	260664459264
12	$\mathcal{O}(3; \{12^3, 4^7, 3^2, 2^6\})$	15288238080
12	$\mathcal{O}(3; \{12^3, 4^7, 3^5, 2^2\})$	131478847488
12	$\mathcal{O}(3; \{12^3, 4^9, 3^2, 2^3\})$	61152952320
12	$\mathcal{O}(3; \{12^3, 4^{11}, 3^2\})$	244611809280
12	$\mathcal{O}(3; \{12^3, 6, 4, 2^{16}\})$	143327232
12	$\mathcal{O}(3; \{12^3, 6, 4, 3^3, 2^{12}\})$	1003290624
12	$\mathcal{O}(3; \{12^3, 6, 4, 3^6, 2^8\})$	8169652224
12	$\mathcal{O}(3; \{12^3, 6, 4, 3^9, 2^4\})$	65213890560
12	$\mathcal{O}(3; \{12^3, 6, 4, 3^{12}\})$	521854451712
12	$\mathcal{O}(3; \{12^3, 6, 4^3, 2^{13}\})$	573308928
12	$\mathcal{O}(3; \{12^3, 6, 4^3, 3^3, 2^9\})$	4013162496
12	$\mathcal{O}(3; \{12^3, 6, 4^3, 3^6, 2^5\})$	32678608896

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^3, 6, 4^3, 3^9, 2\})$	260855562240
12	$\mathcal{O}(3; \{12^3, 6, 4^5, 2^{10}\})$	2293235712
12	$\mathcal{O}(3; \{12^3, 6, 4^5, 3^3, 2^6\})$	16052649984
12	$\mathcal{O}(3; \{12^3, 6, 4^5, 3^6, 2^2\})$	130714435584
12	$\mathcal{O}(3; \{12^3, 6, 4^7, 2^7\})$	9172942848
12	$\mathcal{O}(3; \{12^3, 6, 4^7, 3^3, 2^3\})$	64210599936
12	$\mathcal{O}(3; \{12^3, 6, 4^9, 2^4\})$	36691771392
12	$\mathcal{O}(3; \{12^3, 6, 4^9, 3^3\})$	256842399744
12	$\mathcal{O}(3; \{12^3, 6, 4^{11}, 2\})$	146767085568
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 3, 2^{13}\})$	525533184
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 3^4, 2^9\})$	4060938240
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 3^7, 2^5\})$	32630833152
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 3^{10}, 2\})$	260903337984
12	$\mathcal{O}(3; \{12^3, 6^2, 4^3, 3, 2^{10}\})$	2102132736
12	$\mathcal{O}(3; \{12^3, 6^2, 4^3, 3^4, 2^6\})$	16243752960
12	$\mathcal{O}(3; \{12^3, 6^2, 4^3, 3^7, 2^2\})$	130523332608
12	$\mathcal{O}(3; \{12^3, 6^2, 4^5, 3, 2^7\})$	8408530944
12	$\mathcal{O}(3; \{12^3, 6^2, 4^5, 3^4, 2^3\})$	64975011840
12	$\mathcal{O}(3; \{12^3, 6^2, 4^7, 3, 2^4\})$	33634123776
12	$\mathcal{O}(3; \{12^3, 6^2, 4^7, 3^4\})$	259900047360
12	$\mathcal{O}(3; \{12^3, 6^2, 4^9, 3, 2\})$	134536495104
12	$\mathcal{O}(3; \{12^3, 6^3, 4, 3^2, 2^{10}\})$	2054356992
12	$\mathcal{O}(3; \{12^3, 6^3, 4, 3^5, 2^6\})$	16291528704
12	$\mathcal{O}(3; \{12^3, 6^3, 4, 3^8, 2^2\})$	130475556864
12	$\mathcal{O}(3; \{12^3, 6^3, 4^3, 3^2, 2^7\})$	8217427968
12	$\mathcal{O}(3; \{12^3, 6^3, 4^3, 3^5, 2^3\})$	65166114816
12	$\mathcal{O}(3; \{12^3, 6^3, 4^5, 3^2, 2^4\})$	32869711872
12	$\mathcal{O}(3; \{12^3, 6^3, 4^5, 3^5\})$	260664459264
12	$\mathcal{O}(3; \{12^3, 6^3, 4^7, 3^2, 2\})$	131478847488
12	$\mathcal{O}(3; \{12^3, 6^4, 4, 2^{11}\})$	1003290624
12	$\mathcal{O}(3; \{12^3, 6^4, 4, 3^3, 2^7\})$	8169652224
12	$\mathcal{O}(3; \{12^3, 6^4, 4, 3^6, 2^3\})$	65213890560
12	$\mathcal{O}(3; \{12^3, 6^4, 4^3, 2^8\})$	4013162496
12	$\mathcal{O}(3; \{12^3, 6^4, 4^3, 3^3, 2^4\})$	32678608896
12	$\mathcal{O}(3; \{12^3, 6^4, 4^3, 3^6\})$	260855562240
12	$\mathcal{O}(3; \{12^3, 6^4, 4^5, 2^5\})$	16052649984
12	$\mathcal{O}(3; \{12^3, 6^4, 4^5, 3^3, 2\})$	130714435584
12	$\mathcal{O}(3; \{12^3, 6^4, 4^7, 2^2\})$	64210599936
12	$\mathcal{O}(3; \{12^3, 6^5, 4, 3, 2^8\})$	4060938240
12	$\mathcal{O}(3; \{12^3, 6^5, 4, 3^4, 2^4\})$	32630833152
12	$\mathcal{O}(3; \{12^3, 6^5, 4, 3^7\})$	260903337984
12	$\mathcal{O}(3; \{12^3, 6^5, 4^3, 3, 2^5\})$	16243752960
12	$\mathcal{O}(3; \{12^3, 6^5, 4^3, 3^4, 2\})$	130523332608

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^3, 6^5, 4^5, 3, 2^2\})$	64975011840
12	$\mathcal{O}(3; \{12^3, 6^6, 4, 3^2, 2^5\})$	16291528704
12	$\mathcal{O}(3; \{12^3, 6^6, 4, 3^5, 2\})$	130475556864
12	$\mathcal{O}(3; \{12^3, 6^6, 4^3, 3^2, 2^2\})$	65166114816
12	$\mathcal{O}(3; \{12^3, 6^7, 4, 2^6\})$	8169652224
12	$\mathcal{O}(3; \{12^3, 6^7, 4, 3^3, 2^2\})$	65213890560
12	$\mathcal{O}(3; \{12^3, 6^7, 4^3, 2^3\})$	32678608896
12	$\mathcal{O}(3; \{12^3, 6^7, 4^5\})$	130714435584
12	$\mathcal{O}(3; \{12^3, 6^8, 4, 3, 2^3\})$	32630833152
12	$\mathcal{O}(3; \{12^3, 6^8, 4^3, 3\})$	130523332608
12	$\mathcal{O}(3; \{12^3, 6^9, 4, 3^2\})$	130475556864
12	$\mathcal{O}(3; \{12^3, 6^{10}, 4, 2\})$	65213890560
12	$\mathcal{O}(3; \{12^4, 3, 2^{16}\})$	238878720
12	$\mathcal{O}(3; \{12^4, 3^4, 2^{12}\})$	2054356992
12	$\mathcal{O}(3; \{12^4, 3^7, 2^8\})$	16291528704
12	$\mathcal{O}(3; \{12^4, 3^{10}, 2^4\})$	130475556864
12	$\mathcal{O}(3; \{12^4, 3^{13}\})$	1043661127680
12	$\mathcal{O}(3; \{12^4, 4^2, 3, 2^{13}\})$	955514880
12	$\mathcal{O}(3; \{12^4, 4^2, 3^4, 2^9\})$	8217427968
12	$\mathcal{O}(3; \{12^4, 4^2, 3^7, 2^5\})$	65166114816
12	$\mathcal{O}(3; \{12^4, 4^2, 3^{10}, 2\})$	521902227456
12	$\mathcal{O}(3; \{12^4, 4^4, 3, 2^{10}\})$	3822059520
12	$\mathcal{O}(3; \{12^4, 4^4, 3^4, 2^6\})$	32869711872
12	$\mathcal{O}(3; \{12^4, 4^4, 3^7, 2^2\})$	260664459264
12	$\mathcal{O}(3; \{12^4, 4^6, 3, 2^7\})$	15288238080
12	$\mathcal{O}(3; \{12^4, 4^6, 3^4, 2^3\})$	131478847488
12	$\mathcal{O}(3; \{12^4, 4^8, 3, 2^4\})$	61152952320
12	$\mathcal{O}(3; \{12^4, 4^8, 3^4\})$	525915389952
12	$\mathcal{O}(3; \{12^4, 4^{10}, 3, 2\})$	244611809280
12	$\mathcal{O}(3; \{12^4, 6, 3^2, 2^{13}\})$	1003290624
12	$\mathcal{O}(3; \{12^4, 6, 3^5, 2^9\})$	8169652224
12	$\mathcal{O}(3; \{12^4, 6, 3^8, 2^5\})$	65213890560
12	$\mathcal{O}(3; \{12^4, 6, 3^{11}, 2\})$	521854451712
12	$\mathcal{O}(3; \{12^4, 6, 4^2, 3^2, 2^{10}\})$	4013162496
12	$\mathcal{O}(3; \{12^4, 6, 4^2, 3^5, 2^6\})$	32678608896
12	$\mathcal{O}(3; \{12^4, 6, 4^2, 3^8, 2^2\})$	260855562240
12	$\mathcal{O}(3; \{12^4, 6, 4^4, 3^2, 2^7\})$	16052649984
12	$\mathcal{O}(3; \{12^4, 6, 4^4, 3^5, 2^3\})$	130714435584
12	$\mathcal{O}(3; \{12^4, 6, 4^6, 3^2, 2^4\})$	64210599936
12	$\mathcal{O}(3; \{12^4, 6, 4^6, 3^5\})$	522857742336
12	$\mathcal{O}(3; \{12^4, 6, 4^8, 3^2, 2\})$	256842399744
12	$\mathcal{O}(3; \{12^4, 6^2, 2^{14}\})$	525533184
12	$\mathcal{O}(3; \{12^4, 6^2, 3^3, 2^{10}\})$	4060938240

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^4, 6^2, 3^6, 2^6\})$	32630833152
12	$\mathcal{O}(3; \{12^4, 6^2, 3^9, 2^2\})$	260903337984
12	$\mathcal{O}(3; \{12^4, 6^2, 4^2, 2^{11}\})$	2102132736
12	$\mathcal{O}(3; \{12^4, 6^2, 4^2, 3^3, 2^7\})$	16243752960
12	$\mathcal{O}(3; \{12^4, 6^2, 4^2, 3^6, 2^3\})$	130523332608
12	$\mathcal{O}(3; \{12^4, 6^2, 4^4, 2^8\})$	8408530944
12	$\mathcal{O}(3; \{12^4, 6^2, 4^4, 3^3, 2^4\})$	64975011840
12	$\mathcal{O}(3; \{12^4, 6^2, 4^4, 3^6\})$	522093330432
12	$\mathcal{O}(3; \{12^4, 6^2, 4^6, 2^5\})$	33634123776
12	$\mathcal{O}(3; \{12^4, 6^2, 4^6, 3^3, 2\})$	259900047360
12	$\mathcal{O}(3; \{12^4, 6^2, 4^8, 2^2\})$	134536495104
12	$\mathcal{O}(3; \{12^4, 6^3, 3, 2^{11}\})$	2054356992
12	$\mathcal{O}(3; \{12^4, 6^3, 3^4, 2^7\})$	16291528704
12	$\mathcal{O}(3; \{12^4, 6^3, 3^7, 2^3\})$	130475556864
12	$\mathcal{O}(3; \{12^4, 6^3, 4^2, 3, 2^8\})$	8217427968
12	$\mathcal{O}(3; \{12^4, 6^3, 4^2, 3^4, 2^4\})$	65166114816
12	$\mathcal{O}(3; \{12^4, 6^3, 4^2, 3^7\})$	521902227456
12	$\mathcal{O}(3; \{12^4, 6^3, 4^4, 3, 2^5\})$	32869711872
12	$\mathcal{O}(3; \{12^4, 6^3, 4^4, 3^4, 2\})$	260664459264
12	$\mathcal{O}(3; \{12^4, 6^3, 4^6, 3, 2^2\})$	131478847488
12	$\mathcal{O}(3; \{12^4, 6^4, 3^2, 2^8\})$	8169652224
12	$\mathcal{O}(3; \{12^4, 6^4, 3^5, 2^4\})$	65213890560
12	$\mathcal{O}(3; \{12^4, 6^4, 3^8\})$	521854451712
12	$\mathcal{O}(3; \{12^4, 6^4, 4^2, 3^2, 2^5\})$	32678608896
12	$\mathcal{O}(3; \{12^4, 6^4, 4^2, 3^5, 2\})$	260855562240
12	$\mathcal{O}(3; \{12^4, 6^4, 4^4, 3^2, 2^2\})$	130714435584
12	$\mathcal{O}(3; \{12^4, 6^5, 2^9\})$	4060938240
12	$\mathcal{O}(3; \{12^4, 6^5, 3^3, 2^5\})$	32630833152
12	$\mathcal{O}(3; \{12^4, 6^5, 3^6, 2\})$	260903337984
12	$\mathcal{O}(3; \{12^4, 6^5, 4^2, 2^6\})$	16243752960
12	$\mathcal{O}(3; \{12^4, 6^5, 4^2, 3^3, 2^2\})$	130523332608
12	$\mathcal{O}(3; \{12^4, 6^5, 4^4, 2^3\})$	64975011840
12	$\mathcal{O}(3; \{12^4, 6^5, 4^6\})$	259900047360
12	$\mathcal{O}(3; \{12^4, 6^6, 3, 2^6\})$	16291528704
12	$\mathcal{O}(3; \{12^4, 6^6, 3^4, 2^2\})$	130475556864
12	$\mathcal{O}(3; \{12^4, 6^6, 4^2, 3, 2^3\})$	65166114816
12	$\mathcal{O}(3; \{12^4, 6^6, 4^4, 3\})$	260664459264
12	$\mathcal{O}(3; \{12^4, 6^7, 3^2, 2^3\})$	65213890560
12	$\mathcal{O}(3; \{12^4, 6^7, 4^2, 3^2\})$	260855562240
12	$\mathcal{O}(3; \{12^4, 6^8, 2^4\})$	32630833152
12	$\mathcal{O}(3; \{12^4, 6^8, 3^3\})$	260903337984
12	$\mathcal{O}(3; \{12^4, 6^8, 4^2, 2\})$	130523332608
12	$\mathcal{O}(3; \{12^4, 6^9, 3, 2\})$	130475556864

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^5, 4, 2^{14}\})$	955514880
12	$\mathcal{O}(3; \{12^5, 4, 3^3, 2^{10}\})$	8217427968
12	$\mathcal{O}(3; \{12^5, 4, 3^6, 2^6\})$	65166114816
12	$\mathcal{O}(3; \{12^5, 4, 3^9, 2^2\})$	521902227456
12	$\mathcal{O}(3; \{12^5, 4^3, 2^{11}\})$	3822059520
12	$\mathcal{O}(3; \{12^5, 4^3, 3^3, 2^7\})$	32869711872
12	$\mathcal{O}(3; \{12^5, 4^3, 3^6, 2^3\})$	260664459264
12	$\mathcal{O}(3; \{12^5, 4^5, 2^8\})$	15288238080
12	$\mathcal{O}(3; \{12^5, 4^5, 3^3, 2^4\})$	131478847488
12	$\mathcal{O}(3; \{12^5, 4^5, 3^6\})$	1042657837056
12	$\mathcal{O}(3; \{12^5, 4^7, 2^5\})$	61152952320
12	$\mathcal{O}(3; \{12^5, 4^7, 3^3, 2\})$	525915389952
12	$\mathcal{O}(3; \{12^5, 4^9, 2^2\})$	244611809280
12	$\mathcal{O}(3; \{12^5, 6, 4, 3, 2^{11}\})$	4013162496
12	$\mathcal{O}(3; \{12^5, 6, 4, 3^4, 2^7\})$	32678608896
12	$\mathcal{O}(3; \{12^5, 6, 4, 3^7, 2^3\})$	260855562240
12	$\mathcal{O}(3; \{12^5, 6, 4^3, 3, 2^8\})$	16052649984
12	$\mathcal{O}(3; \{12^5, 6, 4^3, 3^4, 2^4\})$	130714435584
12	$\mathcal{O}(3; \{12^5, 6, 4^3, 3^7\})$	1043422248960
12	$\mathcal{O}(3; \{12^5, 6, 4^5, 3, 2^5\})$	64210599936
12	$\mathcal{O}(3; \{12^5, 6, 4^5, 3^4, 2\})$	522857742336
12	$\mathcal{O}(3; \{12^5, 6, 4^7, 3, 2^2\})$	256842399744
12	$\mathcal{O}(3; \{12^5, 6^2, 4, 3^2, 2^8\})$	16243752960
12	$\mathcal{O}(3; \{12^5, 6^2, 4, 3^5, 2^4\})$	130523332608
12	$\mathcal{O}(3; \{12^5, 6^2, 4, 3^8\})$	1043613351936
12	$\mathcal{O}(3; \{12^5, 6^2, 4^3, 3^2, 2^5\})$	64975011840
12	$\mathcal{O}(3; \{12^5, 6^2, 4^3, 3^5, 2\})$	522093330432
12	$\mathcal{O}(3; \{12^5, 6^2, 4^5, 3^2, 2^2\})$	259900047360
12	$\mathcal{O}(3; \{12^5, 6^3, 4, 2^9\})$	8217427968
12	$\mathcal{O}(3; \{12^5, 6^3, 4, 3^3, 2^5\})$	65166114816
12	$\mathcal{O}(3; \{12^5, 6^3, 4, 3^6, 2\})$	521902227456
12	$\mathcal{O}(3; \{12^5, 6^3, 4^3, 2^6\})$	32869711872
12	$\mathcal{O}(3; \{12^5, 6^3, 4^3, 3^3, 2^2\})$	260664459264
12	$\mathcal{O}(3; \{12^5, 6^3, 4^5, 2^3\})$	131478847488
12	$\mathcal{O}(3; \{12^5, 6^3, 4^7\})$	525915389952
12	$\mathcal{O}(3; \{12^5, 6^4, 4, 3, 2^6\})$	32678608896
12	$\mathcal{O}(3; \{12^5, 6^4, 4, 3^4, 2^2\})$	260855562240
12	$\mathcal{O}(3; \{12^5, 6^4, 4^3, 3, 2^3\})$	130714435584
12	$\mathcal{O}(3; \{12^5, 6^4, 4^5, 3\})$	522857742336
12	$\mathcal{O}(3; \{12^5, 6^5, 4, 3^2, 2^3\})$	130523332608
12	$\mathcal{O}(3; \{12^5, 6^5, 4^3, 3^2\})$	522093330432
12	$\mathcal{O}(3; \{12^5, 6^6, 4, 2^4\})$	65166114816
12	$\mathcal{O}(3; \{12^5, 6^6, 4, 3^3\})$	521902227456

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^5, 6^6, 4^3, 2\})$	260664459264
12	$\mathcal{O}(3; \{12^5, 6^7, 4, 3, 2\})$	260855562240
12	$\mathcal{O}(3; \{12^6, 3^2, 2^{11}\})$	8217427968
12	$\mathcal{O}(3; \{12^6, 3^5, 2^7\})$	65166114816
12	$\mathcal{O}(3; \{12^6, 3^8, 2^3\})$	521902227456
12	$\mathcal{O}(3; \{12^6, 4^2, 3^2, 2^8\})$	32869711872
12	$\mathcal{O}(3; \{12^6, 4^2, 3^5, 2^4\})$	260664459264
12	$\mathcal{O}(3; \{12^6, 4^2, 3^8\})$	2087608909824
12	$\mathcal{O}(3; \{12^6, 4^4, 3^2, 2^5\})$	131478847488
12	$\mathcal{O}(3; \{12^6, 4^4, 3^5, 2\})$	1042657837056
12	$\mathcal{O}(3; \{12^6, 4^6, 3^2, 2^2\})$	525915389952
12	$\mathcal{O}(3; \{12^6, 6, 2^{12}\})$	4013162496
12	$\mathcal{O}(3; \{12^6, 6, 3^3, 2^8\})$	32678608896
12	$\mathcal{O}(3; \{12^6, 6, 3^6, 2^4\})$	260855562240
12	$\mathcal{O}(3; \{12^6, 6, 3^9\})$	2087417806848
12	$\mathcal{O}(3; \{12^6, 6, 4^2, 2^9\})$	16052649984
12	$\mathcal{O}(3; \{12^6, 6, 4^2, 3^3, 2^5\})$	130714435584
12	$\mathcal{O}(3; \{12^6, 6, 4^2, 3^6, 2\})$	1043422248960
12	$\mathcal{O}(3; \{12^6, 6, 4^4, 2^6\})$	64210599936
12	$\mathcal{O}(3; \{12^6, 6, 4^4, 3^3, 2^2\})$	522857742336
12	$\mathcal{O}(3; \{12^6, 6, 4^6, 2^3\})$	256842399744
12	$\mathcal{O}(3; \{12^6, 6, 4^8\})$	1027369598976
12	$\mathcal{O}(3; \{12^6, 6^2, 3, 2^9\})$	16243752960
12	$\mathcal{O}(3; \{12^6, 6^2, 3^4, 2^5\})$	130523332608
12	$\mathcal{O}(3; \{12^6, 6^2, 3^7, 2\})$	1043613351936
12	$\mathcal{O}(3; \{12^6, 6^2, 4^2, 3, 2^6\})$	64975011840
12	$\mathcal{O}(3; \{12^6, 6^2, 4^2, 3^4, 2^2\})$	522093330432
12	$\mathcal{O}(3; \{12^6, 6^2, 4^4, 3, 2^3\})$	259900047360
12	$\mathcal{O}(3; \{12^6, 6^2, 4^6, 3\})$	1039600189440
12	$\mathcal{O}(3; \{12^6, 6^3, 3^2, 2^6\})$	65166114816
12	$\mathcal{O}(3; \{12^6, 6^3, 3^5, 2^2\})$	521902227456
12	$\mathcal{O}(3; \{12^6, 6^3, 4^2, 3^2, 2^3\})$	260664459264
12	$\mathcal{O}(3; \{12^6, 6^3, 4^4, 3^2\})$	1042657837056
12	$\mathcal{O}(3; \{12^6, 6^4, 2^7\})$	32678608896
12	$\mathcal{O}(3; \{12^6, 6^4, 3^3, 2^3\})$	260855562240
12	$\mathcal{O}(3; \{12^6, 6^4, 4^2, 2^4\})$	130714435584
12	$\mathcal{O}(3; \{12^6, 6^4, 4^2, 3^3\})$	1043422248960
12	$\mathcal{O}(3; \{12^6, 6^4, 4^4, 2\})$	522857742336
12	$\mathcal{O}(3; \{12^6, 6^5, 3, 2^4\})$	130523332608
12	$\mathcal{O}(3; \{12^6, 6^5, 3^4\})$	1043613351936
12	$\mathcal{O}(3; \{12^6, 6^5, 4^2, 3, 2\})$	522093330432
12	$\mathcal{O}(3; \{12^6, 6^6, 3^2, 2\})$	521902227456
12	$\mathcal{O}(3; \{12^6, 6^7, 2^2\})$	260855562240

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^7, 4, 3, 2^9\})$	32869711872
12	$\mathcal{O}(3; \{12^7, 4, 3^4, 2^5\})$	260664459264
12	$\mathcal{O}(3; \{12^7, 4, 3^7, 2\})$	2087608909824
12	$\mathcal{O}(3; \{12^7, 4^3, 3, 2^6\})$	131478847488
12	$\mathcal{O}(3; \{12^7, 4^3, 3^4, 2^2\})$	1042657837056
12	$\mathcal{O}(3; \{12^7, 4^5, 3, 2^3\})$	525915389952
12	$\mathcal{O}(3; \{12^7, 4^7, 3\})$	2103661559808
12	$\mathcal{O}(3; \{12^7, 6, 4, 3^2, 2^6\})$	130714435584
12	$\mathcal{O}(3; \{12^7, 6, 4, 3^5, 2^2\})$	1043422248960
12	$\mathcal{O}(3; \{12^7, 6, 4^3, 3^2, 2^3\})$	522857742336
12	$\mathcal{O}(3; \{12^7, 6, 4^5, 3^2\})$	2091430969344
12	$\mathcal{O}(3; \{12^7, 6^2, 4, 2^7\})$	64975011840
12	$\mathcal{O}(3; \{12^7, 6^2, 4, 3^3, 2^3\})$	522093330432
12	$\mathcal{O}(3; \{12^7, 6^2, 4^3, 2^4\})$	259900047360
12	$\mathcal{O}(3; \{12^7, 6^2, 4^3, 3^3\})$	2088373321728
12	$\mathcal{O}(3; \{12^7, 6^2, 4^5, 2\})$	1039600189440
12	$\mathcal{O}(3; \{12^7, 6^3, 4, 3, 2^4\})$	260664459264
12	$\mathcal{O}(3; \{12^7, 6^3, 4, 3^4\})$	2087608909824
12	$\mathcal{O}(3; \{12^7, 6^3, 4^3, 3, 2\})$	1042657837056
12	$\mathcal{O}(3; \{12^7, 6^4, 4, 3^2, 2\})$	1043422248960
12	$\mathcal{O}(3; \{12^7, 6^5, 4, 2^2\})$	522093330432
12	$\mathcal{O}(3; \{12^8, 2^{10}\})$	32869711872
12	$\mathcal{O}(3; \{12^8, 3^3, 2^6\})$	260664459264
12	$\mathcal{O}(3; \{12^8, 3^6, 2^2\})$	2087608909824
12	$\mathcal{O}(3; \{12^8, 4^2, 2^7\})$	131478847488
12	$\mathcal{O}(3; \{12^8, 4^2, 3^3, 2^3\})$	1042657837056
12	$\mathcal{O}(3; \{12^8, 4^4, 2^4\})$	525915389952
12	$\mathcal{O}(3; \{12^8, 4^4, 3^3\})$	4170631348224
12	$\mathcal{O}(3; \{12^8, 4^6, 2\})$	2103661559808
12	$\mathcal{O}(3; \{12^8, 6, 3, 2^7\})$	130714435584
12	$\mathcal{O}(3; \{12^8, 6, 3^4, 2^3\})$	1043422248960
12	$\mathcal{O}(3; \{12^8, 6, 4^2, 3, 2^4\})$	522857742336
12	$\mathcal{O}(3; \{12^8, 6, 4^2, 3^4\})$	4173688995840
12	$\mathcal{O}(3; \{12^8, 6, 4^4, 3, 2\})$	2091430969344
12	$\mathcal{O}(3; \{12^8, 6^2, 3^2, 2^4\})$	522093330432
12	$\mathcal{O}(3; \{12^8, 6^2, 3^5\})$	4174453407744
12	$\mathcal{O}(3; \{12^8, 6^2, 4^2, 3^2, 2\})$	2088373321728
12	$\mathcal{O}(3; \{12^8, 6^3, 2^5\})$	260664459264
12	$\mathcal{O}(3; \{12^8, 6^3, 3^3, 2\})$	2087608909824
12	$\mathcal{O}(3; \{12^8, 6^3, 4^2, 2^2\})$	1042657837056
12	$\mathcal{O}(3; \{12^8, 6^4, 3, 2^2\})$	1043422248960
12	$\mathcal{O}(3; \{12^8, 6^6\})$	2087608909824
12	$\mathcal{O}(3; \{12^9, 4, 3^2, 2^4\})$	1042657837056

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^9, 4, 3^5\})$	8350435639296
12	$\mathcal{O}(3; \{12^9, 4^3, 3^2, 2\})$	4170631348224
12	$\mathcal{O}(3; \{12^9, 6, 4, 2^5\})$	522857742336
12	$\mathcal{O}(3; \{12^9, 6, 4, 3^3, 2\})$	4173688995840
12	$\mathcal{O}(3; \{12^9, 6, 4^3, 2^2\})$	2091430969344
12	$\mathcal{O}(3; \{12^9, 6^2, 4, 3, 2^2\})$	2088373321728
12	$\mathcal{O}(3; \{12^9, 6^4, 4\})$	4173688995840
12	$\mathcal{O}(3; \{12^{10}, 3, 2^5\})$	1042657837056
12	$\mathcal{O}(3; \{12^{10}, 3^4, 2\})$	8350435639296
12	$\mathcal{O}(3; \{12^{10}, 4^2, 3, 2^2\})$	4170631348224
12	$\mathcal{O}(3; \{12^{10}, 6, 3^2, 2^2\})$	4173688995840
12	$\mathcal{O}(3; \{12^{10}, 6^2, 2^3\})$	2088373321728
12	$\mathcal{O}(3; \{12^{10}, 6^2, 4^2\})$	8353493286912
12	$\mathcal{O}(3; \{12^{10}, 6^3, 3\})$	8350435639296
12	$\mathcal{O}(3; \{12^{11}, 4, 2^3\})$	4170631348224
12	$\mathcal{O}(3; \{12^{11}, 4^3\})$	16682525392896
12	$\mathcal{O}(3; \{12^{11}, 6, 4, 3\})$	16694755983360
12	$\mathcal{O}(3; \{12^{12}, 3^2\})$	33401742557184
12	$\mathcal{O}(3; \{12^{12}, 6, 2\})$	16694755983360
12	$\mathcal{O}(2; \{3^2, 2^{26}\})$	38880
12	$\mathcal{O}(2; \{3^5, 2^{22}\})$	194400
12	$\mathcal{O}(2; \{3^8, 2^{18}\})$	1671840
12	$\mathcal{O}(2; \{3^{11}, 2^{14}\})$	13258080
12	$\mathcal{O}(2; \{3^{14}, 2^{10}\})$	106181280
12	$\mathcal{O}(2; \{3^{17}, 2^6\})$	849333600
12	$\mathcal{O}(2; \{3^{20}, 2^2\})$	6794785440
12	$\mathcal{O}(2; \{4^2, 3^2, 2^{23}\})$	82944
12	$\mathcal{O}(2; \{4^2, 3^5, 2^{19}\})$	414720
12	$\mathcal{O}(2; \{4^2, 3^8, 2^{15}\})$	3566592
12	$\mathcal{O}(2; \{4^2, 3^{11}, 2^{11}\})$	28283904
12	$\mathcal{O}(2; \{4^2, 3^{14}, 2^7\})$	226520064
12	$\mathcal{O}(2; \{4^2, 3^{17}, 2^3\})$	1811911680
12	$\mathcal{O}(2; \{4^4, 3^2, 2^{20}\})$	331776
12	$\mathcal{O}(2; \{4^4, 3^5, 2^{16}\})$	1658880
12	$\mathcal{O}(2; \{4^4, 3^8, 2^{12}\})$	14266368
12	$\mathcal{O}(2; \{4^4, 3^{11}, 2^8\})$	113135616
12	$\mathcal{O}(2; \{4^4, 3^{14}, 2^4\})$	906080256
12	$\mathcal{O}(2; \{4^4, 3^{17}\})$	7247646720
12	$\mathcal{O}(2; \{4^6, 3^2, 2^{17}\})$	1327104
12	$\mathcal{O}(2; \{4^6, 3^5, 2^{13}\})$	6635520
12	$\mathcal{O}(2; \{4^6, 3^8, 2^9\})$	57065472
12	$\mathcal{O}(2; \{4^6, 3^{11}, 2^5\})$	452542464
12	$\mathcal{O}(2; \{4^6, 3^{14}, 2\})$	3624321024

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{4^8, 3^2, 2^{14}\})$	5308416
12	$\mathcal{O}(2; \{4^8, 3^5, 2^{10}\})$	26542080
12	$\mathcal{O}(2; \{4^8, 3^8, 2^6\})$	228261888
12	$\mathcal{O}(2; \{4^8, 3^{11}, 2^2\})$	1810169856
12	$\mathcal{O}(2; \{4^{10}, 3^2, 2^{11}\})$	21233664
12	$\mathcal{O}(2; \{4^{10}, 3^5, 2^7\})$	106168320
12	$\mathcal{O}(2; \{4^{10}, 3^8, 2^3\})$	913047552
12	$\mathcal{O}(2; \{4^{12}, 3^2, 2^8\})$	84934656
12	$\mathcal{O}(2; \{4^{12}, 3^5, 2^4\})$	424673280
12	$\mathcal{O}(2; \{4^{12}, 3^8\})$	3652190208
12	$\mathcal{O}(2; \{4^{14}, 3^2, 2^5\})$	339738624
12	$\mathcal{O}(2; \{4^{14}, 3^5, 2\})$	1698693120
12	$\mathcal{O}(2; \{4^{16}, 3^2, 2^2\})$	1358954496
12	$\mathcal{O}(2; \{6, 3^3, 2^{23}\})$	116640
12	$\mathcal{O}(2; \{6, 3^6, 2^{19}\})$	816480
12	$\mathcal{O}(2; \{6, 3^9, 2^{15}\})$	6648480
12	$\mathcal{O}(2; \{6, 3^{12}, 2^{11}\})$	53071200
12	$\mathcal{O}(2; \{6, 3^{15}, 2^7\})$	424686240
12	$\mathcal{O}(2; \{6, 3^{18}, 2^3\})$	3397373280
12	$\mathcal{O}(2; \{6, 4^2, 3^3, 2^{20}\})$	248832
12	$\mathcal{O}(2; \{6, 4^2, 3^6, 2^{16}\})$	1741824
12	$\mathcal{O}(2; \{6, 4^2, 3^9, 2^{12}\})$	14183424
12	$\mathcal{O}(2; \{6, 4^2, 3^{12}, 2^8\})$	113218560
12	$\mathcal{O}(2; \{6, 4^2, 3^{15}, 2^4\})$	905997312
12	$\mathcal{O}(2; \{6, 4^2, 3^{18}\})$	7247729664
12	$\mathcal{O}(2; \{6, 4^4, 3^3, 2^{17}\})$	995328
12	$\mathcal{O}(2; \{6, 4^4, 3^6, 2^{13}\})$	6967296
12	$\mathcal{O}(2; \{6, 4^4, 3^9, 2^9\})$	56733696
12	$\mathcal{O}(2; \{6, 4^4, 3^{12}, 2^5\})$	452874240
12	$\mathcal{O}(2; \{6, 4^4, 3^{15}, 2\})$	3623989248
12	$\mathcal{O}(2; \{6, 4^6, 3^3, 2^{14}\})$	3981312
12	$\mathcal{O}(2; \{6, 4^6, 3^6, 2^{10}\})$	27869184
12	$\mathcal{O}(2; \{6, 4^6, 3^9, 2^6\})$	226934784
12	$\mathcal{O}(2; \{6, 4^6, 3^{12}, 2^2\})$	1811496960
12	$\mathcal{O}(2; \{6, 4^8, 3^3, 2^{11}\})$	15925248
12	$\mathcal{O}(2; \{6, 4^8, 3^6, 2^7\})$	111476736
12	$\mathcal{O}(2; \{6, 4^8, 3^9, 2^3\})$	907739136
12	$\mathcal{O}(2; \{6, 4^{10}, 3^3, 2^8\})$	63700992
12	$\mathcal{O}(2; \{6, 4^{10}, 3^6, 2^4\})$	445906944
12	$\mathcal{O}(2; \{6, 4^{10}, 3^9\})$	3630956544
12	$\mathcal{O}(2; \{6, 4^{12}, 3^3, 2^5\})$	254803968
12	$\mathcal{O}(2; \{6, 4^{12}, 3^6, 2\})$	1783627776
12	$\mathcal{O}(2; \{6, 4^{14}, 3^3, 2^2\})$	1019215872

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^2, 3, 2^{24}\})$	38880
12	$\mathcal{O}(2; \{6^2, 3^4, 2^{20}\})$	427680
12	$\mathcal{O}(2; \{6^2, 3^7, 2^{16}\})$	3304800
12	$\mathcal{O}(2; \{6^2, 3^{10}, 2^{12}\})$	26555040
12	$\mathcal{O}(2; \{6^2, 3^{13}, 2^8\})$	212323680
12	$\mathcal{O}(2; \{6^2, 3^{16}, 2^4\})$	1698706080
12	$\mathcal{O}(2; \{6^2, 3^{19}\})$	13589532000
12	$\mathcal{O}(2; \{6^2, 4^2, 3, 2^{21}\})$	82944
12	$\mathcal{O}(2; \{6^2, 4^2, 3^4, 2^{17}\})$	912384
12	$\mathcal{O}(2; \{6^2, 4^2, 3^7, 2^{13}\})$	7050240
12	$\mathcal{O}(2; \{6^2, 4^2, 3^{10}, 2^9\})$	56650752
12	$\mathcal{O}(2; \{6^2, 4^2, 3^{13}, 2^5\})$	452957184
12	$\mathcal{O}(2; \{6^2, 4^2, 3^{16}, 2\})$	3623906304
12	$\mathcal{O}(2; \{6^2, 4^4, 3, 2^{18}\})$	331776
12	$\mathcal{O}(2; \{6^2, 4^4, 3^4, 2^{14}\})$	3649536
12	$\mathcal{O}(2; \{6^2, 4^4, 3^7, 2^{10}\})$	28200960
12	$\mathcal{O}(2; \{6^2, 4^4, 3^{10}, 2^6\})$	226603008
12	$\mathcal{O}(2; \{6^2, 4^4, 3^{13}, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{6^2, 4^6, 3, 2^{15}\})$	1327104
12	$\mathcal{O}(2; \{6^2, 4^6, 3^4, 2^{11}\})$	14598144
12	$\mathcal{O}(2; \{6^2, 4^6, 3^7, 2^7\})$	112803840
12	$\mathcal{O}(2; \{6^2, 4^6, 3^{10}, 2^3\})$	906412032
12	$\mathcal{O}(2; \{6^2, 4^8, 3, 2^{12}\})$	5308416
12	$\mathcal{O}(2; \{6^2, 4^8, 3^4, 2^8\})$	58392576
12	$\mathcal{O}(2; \{6^2, 4^8, 3^7, 2^4\})$	451215360
12	$\mathcal{O}(2; \{6^2, 4^8, 3^{10}\})$	3625648128
12	$\mathcal{O}(2; \{6^2, 4^{10}, 3, 2^9\})$	21233664
12	$\mathcal{O}(2; \{6^2, 4^{10}, 3^4, 2^5\})$	233570304
12	$\mathcal{O}(2; \{6^2, 4^{10}, 3^7, 2\})$	1804861440
12	$\mathcal{O}(2; \{6^2, 4^{12}, 3, 2^6\})$	84934656
12	$\mathcal{O}(2; \{6^2, 4^{12}, 3^4, 2^2\})$	934281216
12	$\mathcal{O}(2; \{6^2, 4^{14}, 3, 2^3\})$	339738624
12	$\mathcal{O}(2; \{6^2, 4^{16}, 3\})$	1358954496
12	$\mathcal{O}(2; \{6^3, 3^2, 2^{21}\})$	194400
12	$\mathcal{O}(2; \{6^3, 3^5, 2^{17}\})$	1671840
12	$\mathcal{O}(2; \{6^3, 3^8, 2^{13}\})$	13258080
12	$\mathcal{O}(2; \{6^3, 3^{11}, 2^9\})$	106181280
12	$\mathcal{O}(2; \{6^3, 3^{14}, 2^5\})$	849333600
12	$\mathcal{O}(2; \{6^3, 3^{17}, 2\})$	6794785440
12	$\mathcal{O}(2; \{6^3, 4^2, 3^2, 2^{18}\})$	414720
12	$\mathcal{O}(2; \{6^3, 4^2, 3^5, 2^{14}\})$	3566592
12	$\mathcal{O}(2; \{6^3, 4^2, 3^8, 2^{10}\})$	28283904
12	$\mathcal{O}(2; \{6^3, 4^2, 3^{11}, 2^6\})$	226520064

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^3, 4^2, 3^{14}, 2^2\})$	1811911680
12	$\mathcal{O}(2; \{6^3, 4^4, 3^2, 2^{15}\})$	1658880
12	$\mathcal{O}(2; \{6^3, 4^4, 3^5, 2^{11}\})$	14266368
12	$\mathcal{O}(2; \{6^3, 4^4, 3^8, 2^7\})$	113135616
12	$\mathcal{O}(2; \{6^3, 4^4, 3^{11}, 2^3\})$	906080256
12	$\mathcal{O}(2; \{6^3, 4^6, 3^2, 2^{12}\})$	6635520
12	$\mathcal{O}(2; \{6^3, 4^6, 3^5, 2^8\})$	57065472
12	$\mathcal{O}(2; \{6^3, 4^6, 3^8, 2^4\})$	452542464
12	$\mathcal{O}(2; \{6^3, 4^6, 3^{11}\})$	3624321024
12	$\mathcal{O}(2; \{6^3, 4^8, 3^2, 2^9\})$	26542080
12	$\mathcal{O}(2; \{6^3, 4^8, 3^5, 2^5\})$	228261888
12	$\mathcal{O}(2; \{6^3, 4^8, 3^8, 2\})$	1810169856
12	$\mathcal{O}(2; \{6^3, 4^{10}, 3^2, 2^6\})$	106168320
12	$\mathcal{O}(2; \{6^3, 4^{10}, 3^5, 2^2\})$	913047552
12	$\mathcal{O}(2; \{6^3, 4^{12}, 3^2, 2^3\})$	424673280
12	$\mathcal{O}(2; \{6^3, 4^{14}, 3^2\})$	1698693120
12	$\mathcal{O}(2; \{6^4, 2^{22}\})$	116640
12	$\mathcal{O}(2; \{6^4, 3^3, 2^{18}\})$	816480
12	$\mathcal{O}(2; \{6^4, 3^6, 2^{14}\})$	6648480
12	$\mathcal{O}(2; \{6^4, 3^9, 2^{10}\})$	53071200
12	$\mathcal{O}(2; \{6^4, 3^{12}, 2^6\})$	424686240
12	$\mathcal{O}(2; \{6^4, 3^{15}, 2^2\})$	3397373280
12	$\mathcal{O}(2; \{6^4, 4^2, 2^{19}\})$	248832
12	$\mathcal{O}(2; \{6^4, 4^2, 3^3, 2^{15}\})$	1741824
12	$\mathcal{O}(2; \{6^4, 4^2, 3^6, 2^{11}\})$	14183424
12	$\mathcal{O}(2; \{6^4, 4^2, 3^9, 2^7\})$	113218560
12	$\mathcal{O}(2; \{6^4, 4^2, 3^{12}, 2^3\})$	905997312
12	$\mathcal{O}(2; \{6^4, 4^4, 2^{16}\})$	995328
12	$\mathcal{O}(2; \{6^4, 4^4, 3^3, 2^{12}\})$	6967296
12	$\mathcal{O}(2; \{6^4, 4^4, 3^6, 2^8\})$	56733696
12	$\mathcal{O}(2; \{6^4, 4^4, 3^9, 2^4\})$	452874240
12	$\mathcal{O}(2; \{6^4, 4^4, 3^{12}\})$	3623989248
12	$\mathcal{O}(2; \{6^4, 4^6, 2^{13}\})$	3981312
12	$\mathcal{O}(2; \{6^4, 4^6, 3^3, 2^9\})$	27869184
12	$\mathcal{O}(2; \{6^4, 4^6, 3^6, 2^5\})$	226934784
12	$\mathcal{O}(2; \{6^4, 4^6, 3^9, 2\})$	1811496960
12	$\mathcal{O}(2; \{6^4, 4^8, 2^{10}\})$	15925248
12	$\mathcal{O}(2; \{6^4, 4^8, 3^3, 2^6\})$	111476736
12	$\mathcal{O}(2; \{6^4, 4^8, 3^6, 2^2\})$	907739136
12	$\mathcal{O}(2; \{6^4, 4^{10}, 2^7\})$	63700992
12	$\mathcal{O}(2; \{6^4, 4^{10}, 3^3, 2^3\})$	445906944
12	$\mathcal{O}(2; \{6^4, 4^{12}, 2^4\})$	254803968
12	$\mathcal{O}(2; \{6^4, 4^{12}, 3^3\})$	1783627776

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^4, 4^{14}, 2\})$	1019215872
12	$\mathcal{O}(2; \{6^5, 3, 2^{19}\})$	427680
12	$\mathcal{O}(2; \{6^5, 3^4, 2^{15}\})$	3304800
12	$\mathcal{O}(2; \{6^5, 3^7, 2^{11}\})$	26555040
12	$\mathcal{O}(2; \{6^5, 3^{10}, 2^7\})$	212323680
12	$\mathcal{O}(2; \{6^5, 3^{13}, 2^3\})$	1698706080
12	$\mathcal{O}(2; \{6^5, 4^2, 3, 2^{16}\})$	912384
12	$\mathcal{O}(2; \{6^5, 4^2, 3^4, 2^{12}\})$	7050240
12	$\mathcal{O}(2; \{6^5, 4^2, 3^7, 2^8\})$	56650752
12	$\mathcal{O}(2; \{6^5, 4^2, 3^{10}, 2^4\})$	452957184
12	$\mathcal{O}(2; \{6^5, 4^2, 3^{13}\})$	3623906304
12	$\mathcal{O}(2; \{6^5, 4^4, 3, 2^{13}\})$	3649536
12	$\mathcal{O}(2; \{6^5, 4^4, 3^4, 2^9\})$	28200960
12	$\mathcal{O}(2; \{6^5, 4^4, 3^7, 2^5\})$	226603008
12	$\mathcal{O}(2; \{6^5, 4^4, 3^{10}, 2\})$	1811828736
12	$\mathcal{O}(2; \{6^5, 4^6, 3, 2^{10}\})$	14598144
12	$\mathcal{O}(2; \{6^5, 4^6, 3^4, 2^6\})$	112803840
12	$\mathcal{O}(2; \{6^5, 4^6, 3^7, 2^2\})$	906412032
12	$\mathcal{O}(2; \{6^5, 4^8, 3, 2^7\})$	58392576
12	$\mathcal{O}(2; \{6^5, 4^8, 3^4, 2^3\})$	451215360
12	$\mathcal{O}(2; \{6^5, 4^{10}, 3, 2^4\})$	233570304
12	$\mathcal{O}(2; \{6^5, 4^{10}, 3^4\})$	1804861440
12	$\mathcal{O}(2; \{6^5, 4^{12}, 3, 2\})$	934281216
12	$\mathcal{O}(2; \{6^6, 3^2, 2^{16}\})$	1671840
12	$\mathcal{O}(2; \{6^6, 3^5, 2^{12}\})$	13258080
12	$\mathcal{O}(2; \{6^6, 3^8, 2^8\})$	106181280
12	$\mathcal{O}(2; \{6^6, 3^{11}, 2^4\})$	849333600
12	$\mathcal{O}(2; \{6^6, 3^{14}\})$	6794785440
12	$\mathcal{O}(2; \{6^6, 4^2, 3^2, 2^{13}\})$	3566592
12	$\mathcal{O}(2; \{6^6, 4^2, 3^5, 2^9\})$	28283904
12	$\mathcal{O}(2; \{6^6, 4^2, 3^8, 2^5\})$	226520064
12	$\mathcal{O}(2; \{6^6, 4^2, 3^{11}, 2\})$	1811911680
12	$\mathcal{O}(2; \{6^6, 4^4, 3^2, 2^{10}\})$	14266368
12	$\mathcal{O}(2; \{6^6, 4^4, 3^5, 2^6\})$	113135616
12	$\mathcal{O}(2; \{6^6, 4^4, 3^8, 2^2\})$	906080256
12	$\mathcal{O}(2; \{6^6, 4^6, 3^2, 2^7\})$	57065472
12	$\mathcal{O}(2; \{6^6, 4^6, 3^5, 2^3\})$	452542464
12	$\mathcal{O}(2; \{6^6, 4^8, 3^2, 2^4\})$	228261888
12	$\mathcal{O}(2; \{6^6, 4^8, 3^5\})$	1810169856
12	$\mathcal{O}(2; \{6^6, 4^{10}, 3^2, 2\})$	913047552
12	$\mathcal{O}(2; \{6^7, 2^{17}\})$	816480
12	$\mathcal{O}(2; \{6^7, 3^3, 2^{13}\})$	6648480
12	$\mathcal{O}(2; \{6^7, 3^6, 2^9\})$	53071200

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^7, 3^9, 2^5\})$	424686240
12	$\mathcal{O}(2; \{6^7, 3^{12}, 2\})$	3397373280
12	$\mathcal{O}(2; \{6^7, 4^2, 2^{14}\})$	1741824
12	$\mathcal{O}(2; \{6^7, 4^2, 3^3, 2^{10}\})$	14183424
12	$\mathcal{O}(2; \{6^7, 4^2, 3^6, 2^6\})$	113218560
12	$\mathcal{O}(2; \{6^7, 4^2, 3^9, 2^2\})$	905997312
12	$\mathcal{O}(2; \{6^7, 4^4, 2^{11}\})$	6967296
12	$\mathcal{O}(2; \{6^7, 4^4, 3^3, 2^7\})$	56733696
12	$\mathcal{O}(2; \{6^7, 4^4, 3^6, 2^3\})$	452874240
12	$\mathcal{O}(2; \{6^7, 4^6, 2^8\})$	27869184
12	$\mathcal{O}(2; \{6^7, 4^6, 3^3, 2^4\})$	226934784
12	$\mathcal{O}(2; \{6^7, 4^6, 3^6\})$	1811496960
12	$\mathcal{O}(2; \{6^7, 4^8, 2^5\})$	111476736
12	$\mathcal{O}(2; \{6^7, 4^8, 3^3, 2\})$	907739136
12	$\mathcal{O}(2; \{6^7, 4^{10}, 2^2\})$	445906944
12	$\mathcal{O}(2; \{6^8, 3, 2^{14}\})$	3304800
12	$\mathcal{O}(2; \{6^8, 3^4, 2^{10}\})$	26555040
12	$\mathcal{O}(2; \{6^8, 3^7, 2^6\})$	212323680
12	$\mathcal{O}(2; \{6^8, 3^{10}, 2^2\})$	1698706080
12	$\mathcal{O}(2; \{6^8, 4^2, 3, 2^{11}\})$	7050240
12	$\mathcal{O}(2; \{6^8, 4^2, 3^4, 2^7\})$	56650752
12	$\mathcal{O}(2; \{6^8, 4^2, 3^7, 2^3\})$	452957184
12	$\mathcal{O}(2; \{6^8, 4^4, 3, 2^8\})$	28200960
12	$\mathcal{O}(2; \{6^8, 4^4, 3^4, 2^4\})$	226603008
12	$\mathcal{O}(2; \{6^8, 4^4, 3^7\})$	1811828736
12	$\mathcal{O}(2; \{6^8, 4^6, 3, 2^5\})$	112803840
12	$\mathcal{O}(2; \{6^8, 4^6, 3^4, 2\})$	906412032
12	$\mathcal{O}(2; \{6^8, 4^8, 3, 2^2\})$	451215360
12	$\mathcal{O}(2; \{6^9, 3^2, 2^{11}\})$	13258080
12	$\mathcal{O}(2; \{6^9, 3^5, 2^7\})$	106181280
12	$\mathcal{O}(2; \{6^9, 3^8, 2^3\})$	849333600
12	$\mathcal{O}(2; \{6^9, 4^2, 3^2, 2^8\})$	28283904
12	$\mathcal{O}(2; \{6^9, 4^2, 3^5, 2^4\})$	226520064
12	$\mathcal{O}(2; \{6^9, 4^2, 3^8\})$	1811911680
12	$\mathcal{O}(2; \{6^9, 4^4, 3^2, 2^5\})$	113135616
12	$\mathcal{O}(2; \{6^9, 4^4, 3^5, 2\})$	906080256
12	$\mathcal{O}(2; \{6^9, 4^6, 3^2, 2^2\})$	452542464
12	$\mathcal{O}(2; \{6^{10}, 2^{12}\})$	6648480
12	$\mathcal{O}(2; \{6^{10}, 3^3, 2^8\})$	53071200
12	$\mathcal{O}(2; \{6^{10}, 3^6, 2^4\})$	424686240
12	$\mathcal{O}(2; \{6^{10}, 3^9\})$	3397373280
12	$\mathcal{O}(2; \{6^{10}, 4^2, 2^9\})$	14183424
12	$\mathcal{O}(2; \{6^{10}, 4^2, 3^3, 2^5\})$	113218560

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^{10}, 4^2, 3^6, 2\})$	905997312
12	$\mathcal{O}(2; \{6^{10}, 4^4, 2^6\})$	56733696
12	$\mathcal{O}(2; \{6^{10}, 4^4, 3^3, 2^2\})$	452874240
12	$\mathcal{O}(2; \{6^{10}, 4^6, 2^3\})$	226934784
12	$\mathcal{O}(2; \{6^{10}, 4^8\})$	907739136
12	$\mathcal{O}(2; \{6^{11}, 3, 2^9\})$	26555040
12	$\mathcal{O}(2; \{6^{11}, 3^4, 2^5\})$	212323680
12	$\mathcal{O}(2; \{6^{11}, 3^7, 2\})$	1698706080
12	$\mathcal{O}(2; \{6^{11}, 4^2, 3, 2^6\})$	56650752
12	$\mathcal{O}(2; \{6^{11}, 4^2, 3^4, 2^2\})$	452957184
12	$\mathcal{O}(2; \{6^{11}, 4^4, 3, 2^3\})$	226603008
12	$\mathcal{O}(2; \{6^{11}, 4^6, 3\})$	906412032
12	$\mathcal{O}(2; \{6^{12}, 3^2, 2^6\})$	106181280
12	$\mathcal{O}(2; \{6^{12}, 3^5, 2^2\})$	849333600
12	$\mathcal{O}(2; \{6^{12}, 4^2, 3^2, 2^3\})$	226520064
12	$\mathcal{O}(2; \{6^{12}, 4^4, 3^2\})$	906080256
12	$\mathcal{O}(2; \{6^{13}, 2^7\})$	53071200
12	$\mathcal{O}(2; \{6^{13}, 3^3, 2^3\})$	424686240
12	$\mathcal{O}(2; \{6^{13}, 4^2, 2^4\})$	113218560
12	$\mathcal{O}(2; \{6^{13}, 4^2, 3^3\})$	905997312
12	$\mathcal{O}(2; \{6^{13}, 4^4, 2\})$	452874240
12	$\mathcal{O}(2; \{6^{14}, 3, 2^4\})$	212323680
12	$\mathcal{O}(2; \{6^{14}, 3^4\})$	1698706080
12	$\mathcal{O}(2; \{6^{14}, 4^2, 3, 2\})$	452957184
12	$\mathcal{O}(2; \{6^{15}, 3^2, 2\})$	849333600
12	$\mathcal{O}(2; \{6^{16}, 2^2\})$	424686240
12	$\mathcal{O}(2; \{12, 4, 3, 2^{24}\})$	82944
12	$\mathcal{O}(2; \{12, 4, 3^4, 2^{20}\})$	414720
12	$\mathcal{O}(2; \{12, 4, 3^7, 2^{16}\})$	3566592
12	$\mathcal{O}(2; \{12, 4, 3^{10}, 2^{12}\})$	28283904
12	$\mathcal{O}(2; \{12, 4, 3^{13}, 2^8\})$	226520064
12	$\mathcal{O}(2; \{12, 4, 3^{16}, 2^4\})$	1811911680
12	$\mathcal{O}(2; \{12, 4, 3^{19}\})$	14495542272
12	$\mathcal{O}(2; \{12, 4^3, 3, 2^{21}\})$	331776
12	$\mathcal{O}(2; \{12, 4^3, 3^4, 2^{17}\})$	1658880
12	$\mathcal{O}(2; \{12, 4^3, 3^7, 2^{13}\})$	14266368
12	$\mathcal{O}(2; \{12, 4^3, 3^{10}, 2^9\})$	113135616
12	$\mathcal{O}(2; \{12, 4^3, 3^{13}, 2^5\})$	906080256
12	$\mathcal{O}(2; \{12, 4^3, 3^{16}, 2\})$	7247646720
12	$\mathcal{O}(2; \{12, 4^5, 3, 2^{18}\})$	1327104
12	$\mathcal{O}(2; \{12, 4^5, 3^4, 2^{14}\})$	6635520
12	$\mathcal{O}(2; \{12, 4^5, 3^7, 2^{10}\})$	57065472
12	$\mathcal{O}(2; \{12, 4^5, 3^{10}, 2^6\})$	452542464

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 4^5, 3^{13}, 2^2\})$	3624321024
12	$\mathcal{O}(2; \{12, 4^7, 3, 2^{15}\})$	5308416
12	$\mathcal{O}(2; \{12, 4^7, 3^4, 2^{11}\})$	26542080
12	$\mathcal{O}(2; \{12, 4^7, 3^7, 2^7\})$	228261888
12	$\mathcal{O}(2; \{12, 4^7, 3^{10}, 2^3\})$	1810169856
12	$\mathcal{O}(2; \{12, 4^9, 3, 2^{12}\})$	21233664
12	$\mathcal{O}(2; \{12, 4^9, 3^4, 2^8\})$	106168320
12	$\mathcal{O}(2; \{12, 4^9, 3^7, 2^4\})$	913047552
12	$\mathcal{O}(2; \{12, 4^9, 3^{10}\})$	7240679424
12	$\mathcal{O}(2; \{12, 4^{11}, 3, 2^9\})$	84934656
12	$\mathcal{O}(2; \{12, 4^{11}, 3^4, 2^5\})$	424673280
12	$\mathcal{O}(2; \{12, 4^{11}, 3^7, 2\})$	3652190208
12	$\mathcal{O}(2; \{12, 4^{13}, 3, 2^6\})$	339738624
12	$\mathcal{O}(2; \{12, 4^{13}, 3^4, 2^2\})$	1698693120
12	$\mathcal{O}(2; \{12, 4^{15}, 3, 2^3\})$	1358954496
12	$\mathcal{O}(2; \{12, 4^{17}, 3\})$	5435817984
12	$\mathcal{O}(2; \{12, 6, 4, 3^2, 2^{21}\})$	248832
12	$\mathcal{O}(2; \{12, 6, 4, 3^5, 2^{17}\})$	1741824
12	$\mathcal{O}(2; \{12, 6, 4, 3^8, 2^{13}\})$	14183424
12	$\mathcal{O}(2; \{12, 6, 4, 3^{11}, 2^9\})$	113218560
12	$\mathcal{O}(2; \{12, 6, 4, 3^{14}, 2^5\})$	905997312
12	$\mathcal{O}(2; \{12, 6, 4, 3^{17}, 2\})$	7247729664
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^2, 2^{18}\})$	995328
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^5, 2^{14}\})$	6967296
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^8, 2^{10}\})$	56733696
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^{11}, 2^6\})$	452874240
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^{14}, 2^2\})$	3623989248
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^2, 2^{15}\})$	3981312
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^5, 2^{11}\})$	27869184
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^8, 2^7\})$	226934784
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^{11}, 2^3\})$	1811496960
12	$\mathcal{O}(2; \{12, 6, 4^7, 3^2, 2^{12}\})$	15925248
12	$\mathcal{O}(2; \{12, 6, 4^7, 3^5, 2^8\})$	111476736
12	$\mathcal{O}(2; \{12, 6, 4^7, 3^8, 2^4\})$	907739136
12	$\mathcal{O}(2; \{12, 6, 4^7, 3^{11}\})$	7245987840
12	$\mathcal{O}(2; \{12, 6, 4^9, 3^2, 2^9\})$	63700992
12	$\mathcal{O}(2; \{12, 6, 4^9, 3^5, 2^5\})$	445906944
12	$\mathcal{O}(2; \{12, 6, 4^9, 3^8, 2\})$	3630956544
12	$\mathcal{O}(2; \{12, 6, 4^{11}, 3^2, 2^6\})$	254803968
12	$\mathcal{O}(2; \{12, 6, 4^{11}, 3^5, 2^2\})$	1783627776
12	$\mathcal{O}(2; \{12, 6, 4^{13}, 3^2, 2^3\})$	1019215872
12	$\mathcal{O}(2; \{12, 6, 4^{15}, 3^2\})$	4076863488
12	$\mathcal{O}(2; \{12, 6^2, 4, 2^{22}\})$	82944

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^3, 2^{18}\})$	912384
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^6, 2^{14}\})$	7050240
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^9, 2^{10}\})$	56650752
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^{12}, 2^6\})$	452957184
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^{15}, 2^2\})$	3623906304
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 2^{19}\})$	331776
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^3, 2^{15}\})$	3649536
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^6, 2^{11}\})$	28200960
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^9, 2^7\})$	226603008
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^{12}, 2^3\})$	1811828736
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 2^{16}\})$	1327104
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3^3, 2^{12}\})$	14598144
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3^6, 2^8\})$	112803840
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3^9, 2^4\})$	906412032
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3^{12}\})$	7247314944
12	$\mathcal{O}(2; \{12, 6^2, 4^7, 2^{13}\})$	5308416
12	$\mathcal{O}(2; \{12, 6^2, 4^7, 3^3, 2^9\})$	58392576
12	$\mathcal{O}(2; \{12, 6^2, 4^7, 3^6, 2^5\})$	451215360
12	$\mathcal{O}(2; \{12, 6^2, 4^7, 3^9, 2\})$	3625648128
12	$\mathcal{O}(2; \{12, 6^2, 4^9, 2^{10}\})$	21233664
12	$\mathcal{O}(2; \{12, 6^2, 4^9, 3^3, 2^6\})$	233570304
12	$\mathcal{O}(2; \{12, 6^2, 4^9, 3^6, 2^2\})$	1804861440
12	$\mathcal{O}(2; \{12, 6^2, 4^{11}, 2^7\})$	84934656
12	$\mathcal{O}(2; \{12, 6^2, 4^{11}, 3^3, 2^3\})$	934281216
12	$\mathcal{O}(2; \{12, 6^2, 4^{13}, 2^4\})$	339738624
12	$\mathcal{O}(2; \{12, 6^2, 4^{13}, 3^3\})$	3737124864
12	$\mathcal{O}(2; \{12, 6^2, 4^{15}, 2\})$	1358954496
12	$\mathcal{O}(2; \{12, 6^3, 4, 3, 2^{19}\})$	414720
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^4, 2^{15}\})$	3566592
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^7, 2^{11}\})$	28283904
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^{10}, 2^7\})$	226520064
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^{13}, 2^3\})$	1811911680
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3, 2^{16}\})$	1658880
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^4, 2^{12}\})$	14266368
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^7, 2^8\})$	113135616
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^{10}, 2^4\})$	906080256
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^{13}\})$	7247646720
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 3, 2^{13}\})$	6635520
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 3^4, 2^9\})$	57065472
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 3^7, 2^5\})$	452542464
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 3^{10}, 2\})$	3624321024
12	$\mathcal{O}(2; \{12, 6^3, 4^7, 3, 2^{10}\})$	26542080
12	$\mathcal{O}(2; \{12, 6^3, 4^7, 3^4, 2^6\})$	228261888

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 6^3, 4^7, 3^7, 2^2\})$	1810169856
12	$\mathcal{O}(2; \{12, 6^3, 4^9, 3, 2^7\})$	106168320
12	$\mathcal{O}(2; \{12, 6^3, 4^9, 3^4, 2^3\})$	913047552
12	$\mathcal{O}(2; \{12, 6^3, 4^{11}, 3, 2^4\})$	424673280
12	$\mathcal{O}(2; \{12, 6^3, 4^{11}, 3^4\})$	3652190208
12	$\mathcal{O}(2; \{12, 6^3, 4^{13}, 3, 2\})$	1698693120
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^2, 2^{16}\})$	1741824
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^5, 2^{12}\})$	14183424
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^8, 2^8\})$	113218560
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^{11}, 2^4\})$	905997312
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^{14}\})$	7247729664
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3^2, 2^{13}\})$	6967296
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3^5, 2^9\})$	56733696
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3^8, 2^5\})$	452874240
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3^{11}, 2\})$	3623989248
12	$\mathcal{O}(2; \{12, 6^4, 4^5, 3^2, 2^{10}\})$	27869184
12	$\mathcal{O}(2; \{12, 6^4, 4^5, 3^5, 2^6\})$	226934784
12	$\mathcal{O}(2; \{12, 6^4, 4^5, 3^8, 2^2\})$	1811496960
12	$\mathcal{O}(2; \{12, 6^4, 4^7, 3^2, 2^7\})$	111476736
12	$\mathcal{O}(2; \{12, 6^4, 4^7, 3^5, 2^3\})$	907739136
12	$\mathcal{O}(2; \{12, 6^4, 4^9, 3^2, 2^4\})$	445906944
12	$\mathcal{O}(2; \{12, 6^4, 4^9, 3^5\})$	3630956544
12	$\mathcal{O}(2; \{12, 6^4, 4^{11}, 3^2, 2\})$	1783627776
12	$\mathcal{O}(2; \{12, 6^5, 4, 2^{17}\})$	912384
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^3, 2^{13}\})$	7050240
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^6, 2^9\})$	56650752
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^9, 2^5\})$	452957184
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^{12}, 2\})$	3623906304
12	$\mathcal{O}(2; \{12, 6^5, 4^3, 2^{14}\})$	3649536
12	$\mathcal{O}(2; \{12, 6^5, 4^3, 3^3, 2^{10}\})$	28200960
12	$\mathcal{O}(2; \{12, 6^5, 4^3, 3^6, 2^6\})$	226603008
12	$\mathcal{O}(2; \{12, 6^5, 4^3, 3^9, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{12, 6^5, 4^5, 2^{11}\})$	14598144
12	$\mathcal{O}(2; \{12, 6^5, 4^5, 3^3, 2^7\})$	112803840
12	$\mathcal{O}(2; \{12, 6^5, 4^5, 3^6, 2^3\})$	906412032
12	$\mathcal{O}(2; \{12, 6^5, 4^7, 2^8\})$	58392576
12	$\mathcal{O}(2; \{12, 6^5, 4^7, 3^3, 2^4\})$	451215360
12	$\mathcal{O}(2; \{12, 6^5, 4^7, 3^6\})$	3625648128
12	$\mathcal{O}(2; \{12, 6^5, 4^9, 2^5\})$	233570304
12	$\mathcal{O}(2; \{12, 6^5, 4^9, 3^3, 2\})$	1804861440
12	$\mathcal{O}(2; \{12, 6^5, 4^{11}, 2^2\})$	934281216
12	$\mathcal{O}(2; \{12, 6^6, 4, 3, 2^{14}\})$	3566592
12	$\mathcal{O}(2; \{12, 6^6, 4, 3^4, 2^{10}\})$	28283904

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 6^6, 4, 3^7, 2^6\})$	226520064
12	$\mathcal{O}(2; \{12, 6^6, 4, 3^{10}, 2^2\})$	1811911680
12	$\mathcal{O}(2; \{12, 6^6, 4^3, 3, 2^{11}\})$	14266368
12	$\mathcal{O}(2; \{12, 6^6, 4^3, 3^4, 2^7\})$	113135616
12	$\mathcal{O}(2; \{12, 6^6, 4^3, 3^7, 2^3\})$	906080256
12	$\mathcal{O}(2; \{12, 6^6, 4^5, 3, 2^8\})$	57065472
12	$\mathcal{O}(2; \{12, 6^6, 4^5, 3^4, 2^4\})$	452542464
12	$\mathcal{O}(2; \{12, 6^6, 4^5, 3^7\})$	3624321024
12	$\mathcal{O}(2; \{12, 6^6, 4^7, 3, 2^5\})$	228261888
12	$\mathcal{O}(2; \{12, 6^6, 4^7, 3^4, 2\})$	1810169856
12	$\mathcal{O}(2; \{12, 6^6, 4^9, 3, 2^2\})$	913047552
12	$\mathcal{O}(2; \{12, 6^7, 4, 3^2, 2^{11}\})$	14183424
12	$\mathcal{O}(2; \{12, 6^7, 4, 3^5, 2^7\})$	113218560
12	$\mathcal{O}(2; \{12, 6^7, 4, 3^8, 2^3\})$	905997312
12	$\mathcal{O}(2; \{12, 6^7, 4^3, 3^2, 2^8\})$	56733696
12	$\mathcal{O}(2; \{12, 6^7, 4^3, 3^5, 2^4\})$	452874240
12	$\mathcal{O}(2; \{12, 6^7, 4^3, 3^8\})$	3623989248
12	$\mathcal{O}(2; \{12, 6^7, 4^5, 3^2, 2^5\})$	226934784
12	$\mathcal{O}(2; \{12, 6^7, 4^5, 3^5, 2\})$	1811496960
12	$\mathcal{O}(2; \{12, 6^7, 4^7, 3^2, 2^2\})$	907739136
12	$\mathcal{O}(2; \{12, 6^8, 4, 2^{12}\})$	7050240
12	$\mathcal{O}(2; \{12, 6^8, 4, 3^3, 2^8\})$	56650752
12	$\mathcal{O}(2; \{12, 6^8, 4, 3^6, 2^4\})$	452957184
12	$\mathcal{O}(2; \{12, 6^8, 4, 3^9\})$	3623906304
12	$\mathcal{O}(2; \{12, 6^8, 4^3, 2^9\})$	28200960
12	$\mathcal{O}(2; \{12, 6^8, 4^3, 3^3, 2^5\})$	226603008
12	$\mathcal{O}(2; \{12, 6^8, 4^3, 3^6, 2\})$	1811828736
12	$\mathcal{O}(2; \{12, 6^8, 4^5, 2^6\})$	112803840
12	$\mathcal{O}(2; \{12, 6^8, 4^5, 3^3, 2^2\})$	906412032
12	$\mathcal{O}(2; \{12, 6^8, 4^7, 2^3\})$	451215360
12	$\mathcal{O}(2; \{12, 6^8, 4^9\})$	1804861440
12	$\mathcal{O}(2; \{12, 6^9, 4, 3, 2^9\})$	28283904
12	$\mathcal{O}(2; \{12, 6^9, 4, 3^4, 2^5\})$	226520064
12	$\mathcal{O}(2; \{12, 6^9, 4, 3^7, 2\})$	1811911680
12	$\mathcal{O}(2; \{12, 6^9, 4^3, 3, 2^6\})$	113135616
12	$\mathcal{O}(2; \{12, 6^9, 4^3, 3^4, 2^2\})$	906080256
12	$\mathcal{O}(2; \{12, 6^9, 4^5, 3, 2^3\})$	452542464
12	$\mathcal{O}(2; \{12, 6^9, 4^7, 3\})$	1810169856
12	$\mathcal{O}(2; \{12, 6^{10}, 4, 3^2, 2^6\})$	113218560
12	$\mathcal{O}(2; \{12, 6^{10}, 4, 3^5, 2^2\})$	905997312
12	$\mathcal{O}(2; \{12, 6^{10}, 4^3, 3^2, 2^3\})$	452874240
12	$\mathcal{O}(2; \{12, 6^{10}, 4^5, 3^2\})$	1811496960
12	$\mathcal{O}(2; \{12, 6^{11}, 4, 2^7\})$	56650752

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 6^{11}, 4, 3^3, 2^3\})$	452957184
12	$\mathcal{O}(2; \{12, 6^{11}, 4^3, 2^4\})$	226603008
12	$\mathcal{O}(2; \{12, 6^{11}, 4^3, 3^3\})$	1811828736
12	$\mathcal{O}(2; \{12, 6^{11}, 4^5, 2\})$	906412032
12	$\mathcal{O}(2; \{12, 6^{12}, 4, 3, 2^4\})$	226520064
12	$\mathcal{O}(2; \{12, 6^{12}, 4, 3^4\})$	1811911680
12	$\mathcal{O}(2; \{12, 6^{12}, 4^3, 3, 2\})$	906080256
12	$\mathcal{O}(2; \{12, 6^{13}, 4, 3^2, 2\})$	905997312
12	$\mathcal{O}(2; \{12, 6^{14}, 4, 2^2\})$	452957184
12	$\mathcal{O}(2; \{12^2, 2^{25}\})$	82944
12	$\mathcal{O}(2; \{12^2, 3^3, 2^{21}\})$	414720
12	$\mathcal{O}(2; \{12^2, 3^6, 2^{17}\})$	3566592
12	$\mathcal{O}(2; \{12^2, 3^9, 2^{13}\})$	28283904
12	$\mathcal{O}(2; \{12^2, 3^{12}, 2^9\})$	226520064
12	$\mathcal{O}(2; \{12^2, 3^{15}, 2^5\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 3^{18}, 2\})$	14495542272
12	$\mathcal{O}(2; \{12^2, 4^2, 2^{22}\})$	331776
12	$\mathcal{O}(2; \{12^2, 4^2, 3^3, 2^{18}\})$	1658880
12	$\mathcal{O}(2; \{12^2, 4^2, 3^6, 2^{14}\})$	14266368
12	$\mathcal{O}(2; \{12^2, 4^2, 3^9, 2^{10}\})$	113135616
12	$\mathcal{O}(2; \{12^2, 4^2, 3^{12}, 2^6\})$	906080256
12	$\mathcal{O}(2; \{12^2, 4^2, 3^{15}, 2^2\})$	7247646720
12	$\mathcal{O}(2; \{12^2, 4^4, 2^{19}\})$	1327104
12	$\mathcal{O}(2; \{12^2, 4^4, 3^3, 2^{15}\})$	6635520
12	$\mathcal{O}(2; \{12^2, 4^4, 3^6, 2^{11}\})$	57065472
12	$\mathcal{O}(2; \{12^2, 4^4, 3^9, 2^7\})$	452542464
12	$\mathcal{O}(2; \{12^2, 4^4, 3^{12}, 2^3\})$	3624321024
12	$\mathcal{O}(2; \{12^2, 4^6, 2^{16}\})$	5308416
12	$\mathcal{O}(2; \{12^2, 4^6, 3^3, 2^{12}\})$	26542080
12	$\mathcal{O}(2; \{12^2, 4^6, 3^6, 2^8\})$	228261888
12	$\mathcal{O}(2; \{12^2, 4^6, 3^9, 2^4\})$	1810169856
12	$\mathcal{O}(2; \{12^2, 4^6, 3^{12}\})$	14497284096
12	$\mathcal{O}(2; \{12^2, 4^8, 2^{13}\})$	21233664
12	$\mathcal{O}(2; \{12^2, 4^8, 3^3, 2^9\})$	106168320
12	$\mathcal{O}(2; \{12^2, 4^8, 3^6, 2^5\})$	913047552
12	$\mathcal{O}(2; \{12^2, 4^8, 3^9, 2\})$	7240679424
12	$\mathcal{O}(2; \{12^2, 4^{10}, 2^{10}\})$	84934656
12	$\mathcal{O}(2; \{12^2, 4^{10}, 3^3, 2^6\})$	424673280
12	$\mathcal{O}(2; \{12^2, 4^{10}, 3^6, 2^2\})$	3652190208
12	$\mathcal{O}(2; \{12^2, 4^{12}, 2^7\})$	339738624
12	$\mathcal{O}(2; \{12^2, 4^{12}, 3^3, 2^3\})$	1698693120
12	$\mathcal{O}(2; \{12^2, 4^{14}, 2^4\})$	1358954496
12	$\mathcal{O}(2; \{12^2, 4^{14}, 3^3\})$	6794772480

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 4^{16}, 2\})$	5435817984
12	$\mathcal{O}(2; \{12^2, 6, 3, 2^{22}\})$	248832
12	$\mathcal{O}(2; \{12^2, 6, 3^4, 2^{18}\})$	1741824
12	$\mathcal{O}(2; \{12^2, 6, 3^7, 2^{14}\})$	14183424
12	$\mathcal{O}(2; \{12^2, 6, 3^{10}, 2^{10}\})$	113218560
12	$\mathcal{O}(2; \{12^2, 6, 3^{13}, 2^6\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6, 3^{16}, 2^2\})$	7247729664
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3, 2^{19}\})$	995328
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^4, 2^{15}\})$	6967296
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^7, 2^{11}\})$	56733696
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^{10}, 2^7\})$	452874240
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^{13}, 2^3\})$	3623989248
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3, 2^{16}\})$	3981312
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^4, 2^{12}\})$	27869184
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^7, 2^8\})$	226934784
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^{10}, 2^4\})$	1811496960
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^{13}\})$	14495956992
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 3, 2^{13}\})$	15925248
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 3^4, 2^9\})$	111476736
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 3^7, 2^5\})$	907739136
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 3^{10}, 2\})$	7245987840
12	$\mathcal{O}(2; \{12^2, 6, 4^8, 3, 2^{10}\})$	63700992
12	$\mathcal{O}(2; \{12^2, 6, 4^8, 3^4, 2^6\})$	445906944
12	$\mathcal{O}(2; \{12^2, 6, 4^8, 3^7, 2^2\})$	3630956544
12	$\mathcal{O}(2; \{12^2, 6, 4^{10}, 3, 2^7\})$	254803968
12	$\mathcal{O}(2; \{12^2, 6, 4^{10}, 3^4, 2^3\})$	1783627776
12	$\mathcal{O}(2; \{12^2, 6, 4^{12}, 3, 2^4\})$	1019215872
12	$\mathcal{O}(2; \{12^2, 6, 4^{12}, 3^4\})$	7134511104
12	$\mathcal{O}(2; \{12^2, 6, 4^{14}, 3, 2\})$	4076863488
12	$\mathcal{O}(2; \{12^2, 6^2, 3^2, 2^{19}\})$	912384
12	$\mathcal{O}(2; \{12^2, 6^2, 3^5, 2^{15}\})$	7050240
12	$\mathcal{O}(2; \{12^2, 6^2, 3^8, 2^{11}\})$	56650752
12	$\mathcal{O}(2; \{12^2, 6^2, 3^{11}, 2^7\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^2, 3^{14}, 2^3\})$	3623906304
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^2, 2^{16}\})$	3649536
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^5, 2^{12}\})$	28200960
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^8, 2^8\})$	226603008
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^{11}, 2^4\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^{14}\})$	14495625216
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3^2, 2^{13}\})$	14598144
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3^5, 2^9\})$	112803840
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3^8, 2^5\})$	906412032
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3^{11}, 2\})$	7247314944

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 6^2, 4^6, 3^2, 2^{10}\})$	58392576
12	$\mathcal{O}(2; \{12^2, 6^2, 4^6, 3^5, 2^6\})$	451215360
12	$\mathcal{O}(2; \{12^2, 6^2, 4^6, 3^8, 2^2\})$	3625648128
12	$\mathcal{O}(2; \{12^2, 6^2, 4^8, 3^2, 2^7\})$	233570304
12	$\mathcal{O}(2; \{12^2, 6^2, 4^8, 3^5, 2^3\})$	1804861440
12	$\mathcal{O}(2; \{12^2, 6^2, 4^{10}, 3^2, 2^4\})$	934281216
12	$\mathcal{O}(2; \{12^2, 6^2, 4^{10}, 3^5\})$	7219445760
12	$\mathcal{O}(2; \{12^2, 6^2, 4^{12}, 3^2, 2\})$	3737124864
12	$\mathcal{O}(2; \{12^2, 6^3, 2^{20}\})$	414720
12	$\mathcal{O}(2; \{12^2, 6^3, 3^3, 2^{16}\})$	3566592
12	$\mathcal{O}(2; \{12^2, 6^3, 3^6, 2^{12}\})$	28283904
12	$\mathcal{O}(2; \{12^2, 6^3, 3^9, 2^8\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^3, 3^{12}, 2^4\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6^3, 3^{15}\})$	14495542272
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 2^{17}\})$	1658880
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^3, 2^{13}\})$	14266368
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^6, 2^9\})$	113135616
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^9, 2^5\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^{12}, 2\})$	7247646720
12	$\mathcal{O}(2; \{12^2, 6^3, 4^4, 2^{14}\})$	6635520
12	$\mathcal{O}(2; \{12^2, 6^3, 4^4, 3^3, 2^{10}\})$	57065472
12	$\mathcal{O}(2; \{12^2, 6^3, 4^4, 3^6, 2^6\})$	452542464
12	$\mathcal{O}(2; \{12^2, 6^3, 4^4, 3^9, 2^2\})$	3624321024
12	$\mathcal{O}(2; \{12^2, 6^3, 4^6, 2^{11}\})$	26542080
12	$\mathcal{O}(2; \{12^2, 6^3, 4^6, 3^3, 2^7\})$	228261888
12	$\mathcal{O}(2; \{12^2, 6^3, 4^6, 3^6, 2^3\})$	1810169856
12	$\mathcal{O}(2; \{12^2, 6^3, 4^8, 2^8\})$	106168320
12	$\mathcal{O}(2; \{12^2, 6^3, 4^8, 3^3, 2^4\})$	913047552
12	$\mathcal{O}(2; \{12^2, 6^3, 4^8, 3^6\})$	7240679424
12	$\mathcal{O}(2; \{12^2, 6^3, 4^{10}, 2^5\})$	424673280
12	$\mathcal{O}(2; \{12^2, 6^3, 4^{10}, 3^3, 2\})$	3652190208
12	$\mathcal{O}(2; \{12^2, 6^3, 4^{12}, 2^2\})$	1698693120
12	$\mathcal{O}(2; \{12^2, 6^4, 3, 2^{17}\})$	1741824
12	$\mathcal{O}(2; \{12^2, 6^4, 3^4, 2^{13}\})$	14183424
12	$\mathcal{O}(2; \{12^2, 6^4, 3^7, 2^9\})$	113218560
12	$\mathcal{O}(2; \{12^2, 6^4, 3^{10}, 2^5\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^4, 3^{13}, 2\})$	7247729664
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 3, 2^{14}\})$	6967296
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 3^4, 2^{10}\})$	56733696
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 3^7, 2^6\})$	452874240
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 3^{10}, 2^2\})$	3623989248
12	$\mathcal{O}(2; \{12^2, 6^4, 4^4, 3, 2^{11}\})$	27869184
12	$\mathcal{O}(2; \{12^2, 6^4, 4^4, 3^4, 2^7\})$	226934784

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 6^4, 4^4, 3^7, 2^3\})$	1811496960
12	$\mathcal{O}(2; \{12^2, 6^4, 4^6, 3, 2^8\})$	111476736
12	$\mathcal{O}(2; \{12^2, 6^4, 4^6, 3^4, 2^4\})$	907739136
12	$\mathcal{O}(2; \{12^2, 6^4, 4^6, 3^7\})$	7245987840
12	$\mathcal{O}(2; \{12^2, 6^4, 4^8, 3, 2^5\})$	445906944
12	$\mathcal{O}(2; \{12^2, 6^4, 4^8, 3^4, 2\})$	3630956544
12	$\mathcal{O}(2; \{12^2, 6^4, 4^{10}, 3, 2^2\})$	1783627776
12	$\mathcal{O}(2; \{12^2, 6^5, 3^2, 2^{14}\})$	7050240
12	$\mathcal{O}(2; \{12^2, 6^5, 3^5, 2^{10}\})$	56650752
12	$\mathcal{O}(2; \{12^2, 6^5, 3^8, 2^6\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^5, 3^{11}, 2^2\})$	3623906304
12	$\mathcal{O}(2; \{12^2, 6^5, 4^2, 3^2, 2^{11}\})$	28200960
12	$\mathcal{O}(2; \{12^2, 6^5, 4^2, 3^5, 2^7\})$	226603008
12	$\mathcal{O}(2; \{12^2, 6^5, 4^2, 3^8, 2^3\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6^5, 4^4, 3^2, 2^8\})$	112803840
12	$\mathcal{O}(2; \{12^2, 6^5, 4^4, 3^5, 2^4\})$	906412032
12	$\mathcal{O}(2; \{12^2, 6^5, 4^4, 3^8\})$	7247314944
12	$\mathcal{O}(2; \{12^2, 6^5, 4^6, 3^2, 2^5\})$	451215360
12	$\mathcal{O}(2; \{12^2, 6^5, 4^6, 3^5, 2\})$	3625648128
12	$\mathcal{O}(2; \{12^2, 6^5, 4^8, 3^2, 2^2\})$	1804861440
12	$\mathcal{O}(2; \{12^2, 6^5, 4^4, 3^8\})$	3566592
12	$\mathcal{O}(2; \{12^2, 6^6, 3^3, 2^{11}\})$	28283904
12	$\mathcal{O}(2; \{12^2, 6^6, 3^6, 2^7\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^6, 3^9, 2^3\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6^6, 4^2, 2^{12}\})$	14266368
12	$\mathcal{O}(2; \{12^2, 6^6, 4^2, 3^3, 2^8\})$	113135616
12	$\mathcal{O}(2; \{12^2, 6^6, 4^2, 3^6, 2^4\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^6, 4^2, 3^9\})$	7247646720
12	$\mathcal{O}(2; \{12^2, 6^6, 4^4, 2^9\})$	57065472
12	$\mathcal{O}(2; \{12^2, 6^6, 4^4, 3^3, 2^5\})$	452542464
12	$\mathcal{O}(2; \{12^2, 6^6, 4^4, 3^6, 2\})$	3624321024
12	$\mathcal{O}(2; \{12^2, 6^6, 4^6, 2^6\})$	228261888
12	$\mathcal{O}(2; \{12^2, 6^6, 4^6, 3^3, 2^2\})$	1810169856
12	$\mathcal{O}(2; \{12^2, 6^6, 4^8, 2^3\})$	913047552
12	$\mathcal{O}(2; \{12^2, 6^6, 4^{10}\})$	3652190208
12	$\mathcal{O}(2; \{12^2, 6^7, 3, 2^{12}\})$	14183424
12	$\mathcal{O}(2; \{12^2, 6^7, 3^4, 2^8\})$	113218560
12	$\mathcal{O}(2; \{12^2, 6^7, 3^7, 2^4\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^7, 3^{10}\})$	7247729664
12	$\mathcal{O}(2; \{12^2, 6^7, 4^2, 3, 2^9\})$	56733696
12	$\mathcal{O}(2; \{12^2, 6^7, 4^2, 3^4, 2^5\})$	452874240
12	$\mathcal{O}(2; \{12^2, 6^7, 4^2, 3^7, 2\})$	3623989248
12	$\mathcal{O}(2; \{12^2, 6^7, 4^4, 3, 2^6\})$	226934784

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 6^7, 4^4, 3^4, 2^2\})$	1811496960
12	$\mathcal{O}(2; \{12^2, 6^7, 4^6, 3, 2^3\})$	907739136
12	$\mathcal{O}(2; \{12^2, 6^7, 4^8, 3\})$	3630956544
12	$\mathcal{O}(2; \{12^2, 6^8, 3^2, 2^9\})$	56650752
12	$\mathcal{O}(2; \{12^2, 6^8, 3^5, 2^5\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^8, 3^8, 2\})$	3623906304
12	$\mathcal{O}(2; \{12^2, 6^8, 4^2, 3^2, 2^6\})$	226603008
12	$\mathcal{O}(2; \{12^2, 6^8, 4^2, 3^5, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6^8, 4^4, 3^2, 2^3\})$	906412032
12	$\mathcal{O}(2; \{12^2, 6^8, 4^6, 3^2\})$	3625648128
12	$\mathcal{O}(2; \{12^2, 6^9, 2^{10}\})$	28283904
12	$\mathcal{O}(2; \{12^2, 6^9, 3^3, 2^6\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^9, 3^6, 2^2\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6^9, 4^2, 2^7\})$	113135616
12	$\mathcal{O}(2; \{12^2, 6^9, 4^2, 3^3, 2^3\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^9, 4^4, 2^4\})$	452542464
12	$\mathcal{O}(2; \{12^2, 6^9, 4^4, 3^3\})$	3624321024
12	$\mathcal{O}(2; \{12^2, 6^9, 4^6, 2\})$	1810169856
12	$\mathcal{O}(2; \{12^2, 6^{10}, 3, 2^7\})$	113218560
12	$\mathcal{O}(2; \{12^2, 6^{10}, 3^4, 2^3\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^{10}, 4^2, 3, 2^4\})$	452874240
12	$\mathcal{O}(2; \{12^2, 6^{10}, 4^2, 3^4\})$	3623989248
12	$\mathcal{O}(2; \{12^2, 6^{10}, 4^4, 3, 2\})$	1811496960
12	$\mathcal{O}(2; \{12^2, 6^{11}, 3^2, 2^4\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^{11}, 3^5\})$	3623906304
12	$\mathcal{O}(2; \{12^2, 6^{11}, 4^2, 3^2, 2\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6^{12}, 2^5\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^{12}, 3^3, 2\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6^{12}, 4^2, 2^2\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^{13}, 3, 2^2\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^{15}\})$	1811911680
12	$\mathcal{O}(2; \{12^3, 4, 3^2, 2^{19}\})$	1658880
12	$\mathcal{O}(2; \{12^3, 4, 3^5, 2^{15}\})$	14266368
12	$\mathcal{O}(2; \{12^3, 4, 3^8, 2^{11}\})$	113135616
12	$\mathcal{O}(2; \{12^3, 4, 3^{11}, 2^7\})$	906080256
12	$\mathcal{O}(2; \{12^3, 4, 3^{14}, 2^3\})$	7247646720
12	$\mathcal{O}(2; \{12^3, 4^3, 3^2, 2^{16}\})$	6635520
12	$\mathcal{O}(2; \{12^3, 4^3, 3^5, 2^{12}\})$	57065472
12	$\mathcal{O}(2; \{12^3, 4^3, 3^8, 2^8\})$	452542464
12	$\mathcal{O}(2; \{12^3, 4^3, 3^{11}, 2^4\})$	3624321024
12	$\mathcal{O}(2; \{12^3, 4^3, 3^{14}\})$	28990586880
12	$\mathcal{O}(2; \{12^3, 4^5, 3^2, 2^{13}\})$	26542080
12	$\mathcal{O}(2; \{12^3, 4^5, 3^5, 2^9\})$	228261888

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^3, 4^5, 3^8, 2^5\})$	1810169856
12	$\mathcal{O}(2; \{12^3, 4^5, 3^{11}, 2\})$	14497284096
12	$\mathcal{O}(2; \{12^3, 4^7, 3^2, 2^{10}\})$	106168320
12	$\mathcal{O}(2; \{12^3, 4^7, 3^5, 2^6\})$	913047552
12	$\mathcal{O}(2; \{12^3, 4^7, 3^8, 2^2\})$	7240679424
12	$\mathcal{O}(2; \{12^3, 4^9, 3^2, 2^7\})$	424673280
12	$\mathcal{O}(2; \{12^3, 4^9, 3^5, 2^3\})$	3652190208
12	$\mathcal{O}(2; \{12^3, 4^{11}, 3^2, 2^4\})$	1698693120
12	$\mathcal{O}(2; \{12^3, 4^{11}, 3^5\})$	14608760832
12	$\mathcal{O}(2; \{12^3, 4^{13}, 3^2, 2\})$	6794772480
12	$\mathcal{O}(2; \{12^3, 6, 4, 2^{20}\})$	995328
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^3, 2^{16}\})$	6967296
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^6, 2^{12}\})$	56733696
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^9, 2^8\})$	452874240
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^{12}, 2^4\})$	3623989248
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^{15}\})$	28990918656
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 2^{17}\})$	3981312
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^3, 2^{13}\})$	27869184
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^6, 2^9\})$	226934784
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^9, 2^5\})$	1811496960
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^{12}, 2\})$	14495956992
12	$\mathcal{O}(2; \{12^3, 6, 4^5, 2^{14}\})$	15925248
12	$\mathcal{O}(2; \{12^3, 6, 4^5, 3^3, 2^{10}\})$	111476736
12	$\mathcal{O}(2; \{12^3, 6, 4^5, 3^6, 2^6\})$	907739136
12	$\mathcal{O}(2; \{12^3, 6, 4^5, 3^9, 2^2\})$	7245987840
12	$\mathcal{O}(2; \{12^3, 6, 4^7, 2^{11}\})$	63700992
12	$\mathcal{O}(2; \{12^3, 6, 4^7, 3^3, 2^7\})$	445906944
12	$\mathcal{O}(2; \{12^3, 6, 4^7, 3^6, 2^3\})$	3630956544
12	$\mathcal{O}(2; \{12^3, 6, 4^9, 2^8\})$	254803968
12	$\mathcal{O}(2; \{12^3, 6, 4^9, 3^3, 2^4\})$	1783627776
12	$\mathcal{O}(2; \{12^3, 6, 4^9, 3^6\})$	14523826176
12	$\mathcal{O}(2; \{12^3, 6, 4^{11}, 2^5\})$	1019215872
12	$\mathcal{O}(2; \{12^3, 6, 4^{11}, 3^3, 2\})$	7134511104
12	$\mathcal{O}(2; \{12^3, 6, 4^{13}, 2^2\})$	4076863488
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3, 2^{17}\})$	3649536
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^4, 2^{13}\})$	28200960
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^7, 2^9\})$	226603008
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^{10}, 2^5\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^{13}, 2\})$	14495625216
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 3, 2^{14}\})$	14598144
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 3^4, 2^{10}\})$	112803840
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 3^7, 2^6\})$	906412032
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 3^{10}, 2^2\})$	7247314944

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^3, 6^2, 4^5, 3, 2^{11}\})$	58392576
12	$\mathcal{O}(2; \{12^3, 6^2, 4^5, 3^4, 2^7\})$	451215360
12	$\mathcal{O}(2; \{12^3, 6^2, 4^5, 3^7, 2^3\})$	3625648128
12	$\mathcal{O}(2; \{12^3, 6^2, 4^7, 3, 2^8\})$	233570304
12	$\mathcal{O}(2; \{12^3, 6^2, 4^7, 3^4, 2^4\})$	1804861440
12	$\mathcal{O}(2; \{12^3, 6^2, 4^7, 3^7\})$	14502592512
12	$\mathcal{O}(2; \{12^3, 6^2, 4^9, 3, 2^5\})$	934281216
12	$\mathcal{O}(2; \{12^3, 6^2, 4^9, 3^4, 2\})$	7219445760
12	$\mathcal{O}(2; \{12^3, 6^2, 4^{11}, 3, 2^2\})$	3737124864
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3^2, 2^{14}\})$	14266368
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3^5, 2^{10}\})$	113135616
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3^8, 2^6\})$	906080256
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3^{11}, 2^2\})$	7247646720
12	$\mathcal{O}(2; \{12^3, 6^3, 4^3, 3^2, 2^{11}\})$	57065472
12	$\mathcal{O}(2; \{12^3, 6^3, 4^3, 3^5, 2^7\})$	452542464
12	$\mathcal{O}(2; \{12^3, 6^3, 4^3, 3^8, 2^3\})$	3624321024
12	$\mathcal{O}(2; \{12^3, 6^3, 4^5, 3^2, 2^8\})$	228261888
12	$\mathcal{O}(2; \{12^3, 6^3, 4^5, 3^5, 2^4\})$	1810169856
12	$\mathcal{O}(2; \{12^3, 6^3, 4^5, 3^8\})$	14497284096
12	$\mathcal{O}(2; \{12^3, 6^3, 4^7, 3^2, 2^5\})$	913047552
12	$\mathcal{O}(2; \{12^3, 6^3, 4^7, 3^5, 2\})$	7240679424
12	$\mathcal{O}(2; \{12^3, 6^3, 4^9, 3^2, 2^2\})$	3652190208
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 2^{15}\})$	6967296
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 3^3, 2^{11}\})$	56733696
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 3^6, 2^7\})$	452874240
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 3^9, 2^3\})$	3623989248
12	$\mathcal{O}(2; \{12^3, 6^4, 4^3, 2^{12}\})$	27869184
12	$\mathcal{O}(2; \{12^3, 6^4, 4^3, 3^3, 2^8\})$	226934784
12	$\mathcal{O}(2; \{12^3, 6^4, 4^3, 3^6, 2^4\})$	1811496960
12	$\mathcal{O}(2; \{12^3, 6^4, 4^3, 3^9\})$	14495956992
12	$\mathcal{O}(2; \{12^3, 6^4, 4^5, 2^9\})$	111476736
12	$\mathcal{O}(2; \{12^3, 6^4, 4^5, 3^3, 2^5\})$	907739136
12	$\mathcal{O}(2; \{12^3, 6^4, 4^5, 3^6, 2\})$	7245987840
12	$\mathcal{O}(2; \{12^3, 6^4, 4^7, 2^6\})$	445906944
12	$\mathcal{O}(2; \{12^3, 6^4, 4^7, 3^3, 2^2\})$	3630956544
12	$\mathcal{O}(2; \{12^3, 6^4, 4^9, 2^3\})$	1783627776
12	$\mathcal{O}(2; \{12^3, 6^4, 4^{11}\})$	7134511104
12	$\mathcal{O}(2; \{12^3, 6^5, 4, 3, 2^{12}\})$	28200960
12	$\mathcal{O}(2; \{12^3, 6^5, 4, 3^4, 2^8\})$	226603008
12	$\mathcal{O}(2; \{12^3, 6^5, 4, 3^7, 2^4\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 6^5, 4, 3^{10}\})$	14495625216
12	$\mathcal{O}(2; \{12^3, 6^5, 4^3, 3, 2^9\})$	112803840
12	$\mathcal{O}(2; \{12^3, 6^5, 4^3, 3^4, 2^5\})$	906412032

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^3, 6^5, 4^3, 3^7, 2\})$	7247314944
12	$\mathcal{O}(2; \{12^3, 6^5, 4^5, 3, 2^6\})$	451215360
12	$\mathcal{O}(2; \{12^3, 6^5, 4^5, 3^4, 2^2\})$	3625648128
12	$\mathcal{O}(2; \{12^3, 6^5, 4^7, 3, 2^3\})$	1804861440
12	$\mathcal{O}(2; \{12^3, 6^5, 4^9, 3\})$	7219445760
12	$\mathcal{O}(2; \{12^3, 6^6, 4, 3^2, 2^9\})$	113135616
12	$\mathcal{O}(2; \{12^3, 6^6, 4, 3^5, 2^5\})$	906080256
12	$\mathcal{O}(2; \{12^3, 6^6, 4, 3^8, 2\})$	7247646720
12	$\mathcal{O}(2; \{12^3, 6^6, 4^3, 3^2, 2^6\})$	452542464
12	$\mathcal{O}(2; \{12^3, 6^6, 4^3, 3^5, 2^2\})$	3624321024
12	$\mathcal{O}(2; \{12^3, 6^6, 4^5, 3^2, 2^3\})$	1810169856
12	$\mathcal{O}(2; \{12^3, 6^6, 4^7, 3^2\})$	7240679424
12	$\mathcal{O}(2; \{12^3, 6^7, 4, 2^{10}\})$	56733696
12	$\mathcal{O}(2; \{12^3, 6^7, 4, 3^3, 2^6\})$	452874240
12	$\mathcal{O}(2; \{12^3, 6^7, 4, 3^6, 2^2\})$	3623989248
12	$\mathcal{O}(2; \{12^3, 6^7, 4^3, 2^7\})$	226934784
12	$\mathcal{O}(2; \{12^3, 6^7, 4^3, 3^3, 2^3\})$	1811496960
12	$\mathcal{O}(2; \{12^3, 6^7, 4^5, 2^4\})$	907739136
12	$\mathcal{O}(2; \{12^3, 6^7, 4^5, 3^3\})$	7245987840
12	$\mathcal{O}(2; \{12^3, 6^7, 4^7, 2\})$	3630956544
12	$\mathcal{O}(2; \{12^3, 6^8, 4, 3, 2^7\})$	226603008
12	$\mathcal{O}(2; \{12^3, 6^8, 4, 3^4, 2^3\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 6^8, 4^3, 3, 2^4\})$	906412032
12	$\mathcal{O}(2; \{12^3, 6^8, 4^3, 3^4\})$	7247314944
12	$\mathcal{O}(2; \{12^3, 6^8, 4^5, 3, 2\})$	3625648128
12	$\mathcal{O}(2; \{12^3, 6^9, 4, 3^2, 2^4\})$	906080256
12	$\mathcal{O}(2; \{12^3, 6^9, 4, 3^5\})$	7247646720
12	$\mathcal{O}(2; \{12^3, 6^9, 4^3, 3^2, 2\})$	3624321024
12	$\mathcal{O}(2; \{12^3, 6^{10}, 4, 2^5\})$	452874240
12	$\mathcal{O}(2; \{12^3, 6^{10}, 4, 3^3, 2\})$	3623989248
12	$\mathcal{O}(2; \{12^3, 6^{10}, 4^3, 2^2\})$	1811496960
12	$\mathcal{O}(2; \{12^3, 6^{11}, 4, 3, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 6^{13}, 4\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 3, 2^{20}\})$	1658880
12	$\mathcal{O}(2; \{12^4, 3^4, 2^{16}\})$	14266368
12	$\mathcal{O}(2; \{12^4, 3^7, 2^{12}\})$	113135616
12	$\mathcal{O}(2; \{12^4, 3^{10}, 2^8\})$	906080256
12	$\mathcal{O}(2; \{12^4, 3^{13}, 2^4\})$	7247646720
12	$\mathcal{O}(2; \{12^4, 3^{16}\})$	57982169088
12	$\mathcal{O}(2; \{12^4, 4^2, 3, 2^{17}\})$	6635520
12	$\mathcal{O}(2; \{12^4, 4^2, 3^4, 2^{13}\})$	57065472
12	$\mathcal{O}(2; \{12^4, 4^2, 3^7, 2^9\})$	452542464
12	$\mathcal{O}(2; \{12^4, 4^2, 3^{10}, 2^5\})$	3624321024

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^4, 4^2, 3^{13}, 2\})$	28990586880
12	$\mathcal{O}(2; \{12^4, 4^4, 3, 2^{14}\})$	26542080
12	$\mathcal{O}(2; \{12^4, 4^4, 3^4, 2^{10}\})$	228261888
12	$\mathcal{O}(2; \{12^4, 4^4, 3^7, 2^6\})$	1810169856
12	$\mathcal{O}(2; \{12^4, 4^4, 3^{10}, 2^2\})$	14497284096
12	$\mathcal{O}(2; \{12^4, 4^6, 3, 2^{11}\})$	106168320
12	$\mathcal{O}(2; \{12^4, 4^6, 3^4, 2^7\})$	913047552
12	$\mathcal{O}(2; \{12^4, 4^6, 3^7, 2^3\})$	7240679424
12	$\mathcal{O}(2; \{12^4, 4^8, 3, 2^8\})$	424673280
12	$\mathcal{O}(2; \{12^4, 4^8, 3^4, 2^4\})$	3652190208
12	$\mathcal{O}(2; \{12^4, 4^8, 3^7\})$	28962717696
12	$\mathcal{O}(2; \{12^4, 4^{10}, 3, 2^5\})$	1698693120
12	$\mathcal{O}(2; \{12^4, 4^{10}, 3^4, 2\})$	14608760832
12	$\mathcal{O}(2; \{12^4, 4^{12}, 3, 2^2\})$	6794772480
12	$\mathcal{O}(2; \{12^4, 6, 3^2, 2^{17}\})$	6967296
12	$\mathcal{O}(2; \{12^4, 6, 3^5, 2^{13}\})$	56733696
12	$\mathcal{O}(2; \{12^4, 6, 3^8, 2^9\})$	452874240
12	$\mathcal{O}(2; \{12^4, 6, 3^{11}, 2^5\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 6, 3^{14}, 2\})$	28990918656
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3^2, 2^{14}\})$	27869184
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3^5, 2^{10}\})$	226934784
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3^8, 2^6\})$	1811496960
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3^{11}, 2^2\})$	14495956992
12	$\mathcal{O}(2; \{12^4, 6, 4^4, 3^2, 2^{11}\})$	111476736
12	$\mathcal{O}(2; \{12^4, 6, 4^4, 3^5, 2^7\})$	907739136
12	$\mathcal{O}(2; \{12^4, 6, 4^4, 3^8, 2^3\})$	7245987840
12	$\mathcal{O}(2; \{12^4, 6, 4^6, 3^2, 2^8\})$	445906944
12	$\mathcal{O}(2; \{12^4, 6, 4^6, 3^5, 2^4\})$	3630956544
12	$\mathcal{O}(2; \{12^4, 6, 4^6, 3^8\})$	28983951360
12	$\mathcal{O}(2; \{12^4, 6, 4^8, 3^2, 2^5\})$	1783627776
12	$\mathcal{O}(2; \{12^4, 6, 4^8, 3^5, 2\})$	14523826176
12	$\mathcal{O}(2; \{12^4, 6, 4^{10}, 3^2, 2^2\})$	7134511104
12	$\mathcal{O}(2; \{12^4, 6^2, 2^{18}\})$	3649536
12	$\mathcal{O}(2; \{12^4, 6^2, 3^3, 2^{14}\})$	28200960
12	$\mathcal{O}(2; \{12^4, 6^2, 3^6, 2^{10}\})$	226603008
12	$\mathcal{O}(2; \{12^4, 6^2, 3^9, 2^6\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 6^2, 3^{12}, 2^2\})$	14495625216
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 2^{15}\})$	14598144
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 3^3, 2^{11}\})$	112803840
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 3^6, 2^7\})$	906412032
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 3^9, 2^3\})$	7247314944
12	$\mathcal{O}(2; \{12^4, 6^2, 4^4, 2^{12}\})$	58392576
12	$\mathcal{O}(2; \{12^4, 6^2, 4^4, 3^3, 2^8\})$	451215360

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^4, 6^2, 4^4, 3^6, 2^4\})$	3625648128
12	$\mathcal{O}(2; \{12^4, 6^2, 4^4, 3^9\})$	28989259776
12	$\mathcal{O}(2; \{12^4, 6^2, 4^6, 2^9\})$	233570304
12	$\mathcal{O}(2; \{12^4, 6^2, 4^6, 3^3, 2^5\})$	1804861440
12	$\mathcal{O}(2; \{12^4, 6^2, 4^6, 3^6, 2\})$	14502592512
12	$\mathcal{O}(2; \{12^4, 6^2, 4^8, 2^6\})$	934281216
12	$\mathcal{O}(2; \{12^4, 6^2, 4^8, 3^3, 2^2\})$	7219445760
12	$\mathcal{O}(2; \{12^4, 6^2, 4^{10}, 2^3\})$	3737124864
12	$\mathcal{O}(2; \{12^4, 6^2, 4^{12}\})$	14948499456
12	$\mathcal{O}(2; \{12^4, 6^3, 3, 2^{15}\})$	14266368
12	$\mathcal{O}(2; \{12^4, 6^3, 3^4, 2^{11}\})$	113135616
12	$\mathcal{O}(2; \{12^4, 6^3, 3^7, 2^7\})$	906080256
12	$\mathcal{O}(2; \{12^4, 6^3, 3^{10}, 2^3\})$	7247646720
12	$\mathcal{O}(2; \{12^4, 6^3, 4^2, 3, 2^{12}\})$	57065472
12	$\mathcal{O}(2; \{12^4, 6^3, 4^2, 3^4, 2^8\})$	452542464
12	$\mathcal{O}(2; \{12^4, 6^3, 4^2, 3^7, 2^4\})$	3624321024
12	$\mathcal{O}(2; \{12^4, 6^3, 4^2, 3^{10}\})$	28990586880
12	$\mathcal{O}(2; \{12^4, 6^3, 4^4, 3, 2^9\})$	228261888
12	$\mathcal{O}(2; \{12^4, 6^3, 4^4, 3^4, 2^5\})$	1810169856
12	$\mathcal{O}(2; \{12^4, 6^3, 4^4, 3^7, 2\})$	14497284096
12	$\mathcal{O}(2; \{12^4, 6^3, 4^6, 3, 2^6\})$	913047552
12	$\mathcal{O}(2; \{12^4, 6^3, 4^6, 3^4, 2^2\})$	7240679424
12	$\mathcal{O}(2; \{12^4, 6^3, 4^8, 3, 2^3\})$	3652190208
12	$\mathcal{O}(2; \{12^4, 6^3, 4^{10}, 3\})$	14608760832
12	$\mathcal{O}(2; \{12^4, 6^4, 3^2, 2^{12}\})$	56733696
12	$\mathcal{O}(2; \{12^4, 6^4, 3^5, 2^8\})$	452874240
12	$\mathcal{O}(2; \{12^4, 6^4, 3^8, 2^4\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 6^4, 3^{11}\})$	28990918656
12	$\mathcal{O}(2; \{12^4, 6^4, 4^2, 3^2, 2^9\})$	226934784
12	$\mathcal{O}(2; \{12^4, 6^4, 4^2, 3^5, 2^5\})$	1811496960
12	$\mathcal{O}(2; \{12^4, 6^4, 4^2, 3^8, 2\})$	14495956992
12	$\mathcal{O}(2; \{12^4, 6^4, 4^4, 3^2, 2^6\})$	907739136
12	$\mathcal{O}(2; \{12^4, 6^4, 4^4, 3^5, 2^2\})$	7245987840
12	$\mathcal{O}(2; \{12^4, 6^4, 4^6, 3^2, 2^3\})$	3630956544
12	$\mathcal{O}(2; \{12^4, 6^4, 4^8, 3^2\})$	14523826176
12	$\mathcal{O}(2; \{12^4, 6^5, 2^{13}\})$	28200960
12	$\mathcal{O}(2; \{12^4, 6^5, 3^3, 2^9\})$	226603008
12	$\mathcal{O}(2; \{12^4, 6^5, 3^6, 2^5\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 6^5, 3^9, 2\})$	14495625216
12	$\mathcal{O}(2; \{12^4, 6^5, 4^2, 2^{10}\})$	112803840
12	$\mathcal{O}(2; \{12^4, 6^5, 4^2, 3^3, 2^6\})$	906412032
12	$\mathcal{O}(2; \{12^4, 6^5, 4^2, 3^6, 2^2\})$	7247314944
12	$\mathcal{O}(2; \{12^4, 6^5, 4^4, 2^7\})$	451215360

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^4, 6^5, 4^4, 3^3, 2^3\})$	3625648128
12	$\mathcal{O}(2; \{12^4, 6^5, 4^6, 2^4\})$	1804861440
12	$\mathcal{O}(2; \{12^4, 6^5, 4^6, 3^3\})$	14502592512
12	$\mathcal{O}(2; \{12^4, 6^5, 4^8, 2\})$	7219445760
12	$\mathcal{O}(2; \{12^4, 6^6, 3, 2^{10}\})$	113135616
12	$\mathcal{O}(2; \{12^4, 6^6, 3^4, 2^6\})$	906080256
12	$\mathcal{O}(2; \{12^4, 6^6, 3^7, 2^2\})$	7247646720
12	$\mathcal{O}(2; \{12^4, 6^6, 4^2, 3, 2^7\})$	452542464
12	$\mathcal{O}(2; \{12^4, 6^6, 4^2, 3^4, 2^3\})$	3624321024
12	$\mathcal{O}(2; \{12^4, 6^6, 4^4, 3, 2^4\})$	1810169856
12	$\mathcal{O}(2; \{12^4, 6^6, 4^4, 3^4\})$	14497284096
12	$\mathcal{O}(2; \{12^4, 6^6, 4^6, 3, 2\})$	7240679424
12	$\mathcal{O}(2; \{12^4, 6^7, 3^2, 2^7\})$	452874240
12	$\mathcal{O}(2; \{12^4, 6^7, 3^5, 2^3\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 6^7, 4^2, 3^2, 2^4\})$	1811496960
12	$\mathcal{O}(2; \{12^4, 6^7, 4^2, 3^5\})$	14495956992
12	$\mathcal{O}(2; \{12^4, 6^7, 4^4, 3^2, 2\})$	7245987840
12	$\mathcal{O}(2; \{12^4, 6^8, 2^8\})$	226603008
12	$\mathcal{O}(2; \{12^4, 6^8, 3^3, 2^4\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 6^8, 3^6\})$	14495625216
12	$\mathcal{O}(2; \{12^4, 6^8, 4^2, 2^5\})$	906412032
12	$\mathcal{O}(2; \{12^4, 6^8, 4^2, 3^3, 2\})$	7247314944
12	$\mathcal{O}(2; \{12^4, 6^8, 4^4, 2^2\})$	3625648128
12	$\mathcal{O}(2; \{12^4, 6^9, 3, 2^5\})$	906080256
12	$\mathcal{O}(2; \{12^4, 6^9, 3^4, 2\})$	7247646720
12	$\mathcal{O}(2; \{12^4, 6^9, 4^2, 3, 2^2\})$	3624321024
12	$\mathcal{O}(2; \{12^4, 6^{10}, 3^2, 2^2\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 6^{11}, 2^3\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 6^{11}, 4^2\})$	7247314944
12	$\mathcal{O}(2; \{12^4, 6^{12}, 3\})$	7247646720
12	$\mathcal{O}(2; \{12^5, 4, 2^{18}\})$	6635520
12	$\mathcal{O}(2; \{12^5, 4, 3^3, 2^{14}\})$	57065472
12	$\mathcal{O}(2; \{12^5, 4, 3^6, 2^{10}\})$	452542464
12	$\mathcal{O}(2; \{12^5, 4, 3^9, 2^6\})$	3624321024
12	$\mathcal{O}(2; \{12^5, 4, 3^{12}, 2^2\})$	28990586880
12	$\mathcal{O}(2; \{12^5, 4^3, 2^{15}\})$	26542080
12	$\mathcal{O}(2; \{12^5, 4^3, 3^3, 2^{11}\})$	228261888
12	$\mathcal{O}(2; \{12^5, 4^3, 3^6, 2^7\})$	1810169856
12	$\mathcal{O}(2; \{12^5, 4^3, 3^9, 2^3\})$	14497284096
12	$\mathcal{O}(2; \{12^5, 4^5, 2^{12}\})$	106168320
12	$\mathcal{O}(2; \{12^5, 4^5, 3^3, 2^8\})$	913047552
12	$\mathcal{O}(2; \{12^5, 4^5, 3^6, 2^4\})$	7240679424
12	$\mathcal{O}(2; \{12^5, 4^5, 3^9\})$	57989136384

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^5, 4^7, 2^9\})$	424673280
12	$\mathcal{O}(2; \{12^5, 4^7, 3^3, 2^5\})$	3652190208
12	$\mathcal{O}(2; \{12^5, 4^7, 3^6, 2\})$	28962717696
12	$\mathcal{O}(2; \{12^5, 4^9, 2^6\})$	1698693120
12	$\mathcal{O}(2; \{12^5, 4^9, 3^3, 2^2\})$	14608760832
12	$\mathcal{O}(2; \{12^5, 4^{11}, 2^3\})$	6794772480
12	$\mathcal{O}(2; \{12^5, 4^{13}\})$	27179089920
12	$\mathcal{O}(2; \{12^5, 6, 4, 3, 2^{15}\})$	27869184
12	$\mathcal{O}(2; \{12^5, 6, 4, 3^4, 2^{11}\})$	226934784
12	$\mathcal{O}(2; \{12^5, 6, 4, 3^7, 2^7\})$	1811496960
12	$\mathcal{O}(2; \{12^5, 6, 4, 3^{10}, 2^3\})$	14495956992
12	$\mathcal{O}(2; \{12^5, 6, 4^3, 3, 2^{12}\})$	111476736
12	$\mathcal{O}(2; \{12^5, 6, 4^3, 3^4, 2^8\})$	907739136
12	$\mathcal{O}(2; \{12^5, 6, 4^3, 3^7, 2^4\})$	7245987840
12	$\mathcal{O}(2; \{12^5, 6, 4^3, 3^{10}\})$	57983827968
12	$\mathcal{O}(2; \{12^5, 6, 4^5, 3, 2^9\})$	445906944
12	$\mathcal{O}(2; \{12^5, 6, 4^5, 3^4, 2^5\})$	3630956544
12	$\mathcal{O}(2; \{12^5, 6, 4^5, 3^7, 2\})$	28983951360
12	$\mathcal{O}(2; \{12^5, 6, 4^7, 3, 2^6\})$	1783627776
12	$\mathcal{O}(2; \{12^5, 6, 4^7, 3^4, 2^2\})$	14523826176
12	$\mathcal{O}(2; \{12^5, 6, 4^9, 3, 2^3\})$	7134511104
12	$\mathcal{O}(2; \{12^5, 6, 4^{11}, 3\})$	28538044416
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 3^2, 2^{12}\})$	112803840
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 3^5, 2^8\})$	906412032
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 3^8, 2^4\})$	7247314944
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 3^{11}\})$	57982500864
12	$\mathcal{O}(2; \{12^5, 6^2, 4^3, 3^2, 2^9\})$	451215360
12	$\mathcal{O}(2; \{12^5, 6^2, 4^3, 3^5, 2^5\})$	3625648128
12	$\mathcal{O}(2; \{12^5, 6^2, 4^3, 3^8, 2\})$	28989259776
12	$\mathcal{O}(2; \{12^5, 6^2, 4^5, 3^2, 2^6\})$	1804861440
12	$\mathcal{O}(2; \{12^5, 6^2, 4^5, 3^5, 2^2\})$	14502592512
12	$\mathcal{O}(2; \{12^5, 6^2, 4^7, 3^2, 2^3\})$	7219445760
12	$\mathcal{O}(2; \{12^5, 6^2, 4^9, 3^2\})$	28877783040
12	$\mathcal{O}(2; \{12^5, 6^3, 4, 2^{13}\})$	57065472
12	$\mathcal{O}(2; \{12^5, 6^3, 4, 3^3, 2^9\})$	452542464
12	$\mathcal{O}(2; \{12^5, 6^3, 4, 3^6, 2^5\})$	3624321024
12	$\mathcal{O}(2; \{12^5, 6^3, 4, 3^9, 2\})$	28990586880
12	$\mathcal{O}(2; \{12^5, 6^3, 4^3, 2^{10}\})$	228261888
12	$\mathcal{O}(2; \{12^5, 6^3, 4^3, 3^3, 2^6\})$	1810169856
12	$\mathcal{O}(2; \{12^5, 6^3, 4^3, 3^6, 2^2\})$	14497284096
12	$\mathcal{O}(2; \{12^5, 6^3, 4^5, 2^7\})$	913047552
12	$\mathcal{O}(2; \{12^5, 6^3, 4^5, 3^3, 2^3\})$	7240679424
12	$\mathcal{O}(2; \{12^5, 6^3, 4^7, 2^4\})$	3652190208

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^5, 6^3, 4^7, 3^3\})$	28962717696
12	$\mathcal{O}(2; \{12^5, 6^3, 4^9, 2\})$	14608760832
12	$\mathcal{O}(2; \{12^5, 6^4, 4, 3, 2^{10}\})$	226934784
12	$\mathcal{O}(2; \{12^5, 6^4, 4, 3^4, 2^6\})$	1811496960
12	$\mathcal{O}(2; \{12^5, 6^4, 4, 3^7, 2^2\})$	14495956992
12	$\mathcal{O}(2; \{12^5, 6^4, 4^3, 3, 2^7\})$	907739136
12	$\mathcal{O}(2; \{12^5, 6^4, 4^3, 3^4, 2^3\})$	7245987840
12	$\mathcal{O}(2; \{12^5, 6^4, 4^5, 3, 2^4\})$	3630956544
12	$\mathcal{O}(2; \{12^5, 6^4, 4^5, 3^4\})$	28983951360
12	$\mathcal{O}(2; \{12^5, 6^4, 4^7, 3, 2\})$	14523826176
12	$\mathcal{O}(2; \{12^5, 6^5, 4, 3^2, 2^7\})$	906412032
12	$\mathcal{O}(2; \{12^5, 6^5, 4, 3^5, 2^3\})$	7247314944
12	$\mathcal{O}(2; \{12^5, 6^5, 4^3, 3^2, 2^4\})$	3625648128
12	$\mathcal{O}(2; \{12^5, 6^5, 4^3, 3^5\})$	28989259776
12	$\mathcal{O}(2; \{12^5, 6^5, 4^5, 3^2, 2\})$	14502592512
12	$\mathcal{O}(2; \{12^5, 6^6, 4, 2^8\})$	452542464
12	$\mathcal{O}(2; \{12^5, 6^6, 4, 3^3, 2^4\})$	3624321024
12	$\mathcal{O}(2; \{12^5, 6^6, 4, 3^6\})$	28990586880
12	$\mathcal{O}(2; \{12^5, 6^6, 4^3, 2^5\})$	1810169856
12	$\mathcal{O}(2; \{12^5, 6^6, 4^3, 3^3, 2\})$	14497284096
12	$\mathcal{O}(2; \{12^5, 6^6, 4^5, 2^2\})$	7240679424
12	$\mathcal{O}(2; \{12^5, 6^7, 4, 3, 2^5\})$	1811496960
12	$\mathcal{O}(2; \{12^5, 6^7, 4, 3^4, 2\})$	14495956992
12	$\mathcal{O}(2; \{12^5, 6^7, 4^3, 3, 2^2\})$	7245987840
12	$\mathcal{O}(2; \{12^5, 6^8, 4, 3^2, 2^2\})$	7247314944
12	$\mathcal{O}(2; \{12^5, 6^9, 4, 2^3\})$	3624321024
12	$\mathcal{O}(2; \{12^5, 6^9, 4^3\})$	14497284096
12	$\mathcal{O}(2; \{12^5, 6^{10}, 4, 3\})$	14495956992
12	$\mathcal{O}(2; \{12^6, 3^2, 2^{15}\})$	57065472
12	$\mathcal{O}(2; \{12^6, 3^5, 2^{11}\})$	452542464
12	$\mathcal{O}(2; \{12^6, 3^8, 2^7\})$	3624321024
12	$\mathcal{O}(2; \{12^6, 3^{11}, 2^3\})$	28990586880
12	$\mathcal{O}(2; \{12^6, 4^2, 3^2, 2^{12}\})$	228261888
12	$\mathcal{O}(2; \{12^6, 4^2, 3^5, 2^8\})$	1810169856
12	$\mathcal{O}(2; \{12^6, 4^2, 3^8, 2^4\})$	14497284096
12	$\mathcal{O}(2; \{12^6, 4^2, 3^{11}\})$	115962347520
12	$\mathcal{O}(2; \{12^6, 4^4, 3^2, 2^9\})$	913047552
12	$\mathcal{O}(2; \{12^6, 4^4, 3^5, 2^5\})$	7240679424
12	$\mathcal{O}(2; \{12^6, 4^4, 3^8, 2\})$	57989136384
12	$\mathcal{O}(2; \{12^6, 4^6, 3^2, 2^6\})$	3652190208
12	$\mathcal{O}(2; \{12^6, 4^6, 3^5, 2^2\})$	28962717696
12	$\mathcal{O}(2; \{12^6, 4^8, 3^2, 2^3\})$	14608760832
12	$\mathcal{O}(2; \{12^6, 4^{10}, 3^2\})$	58435043328

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^6, 6, 2^{16}\})$	27869184
12	$\mathcal{O}(2; \{12^6, 6, 3^3, 2^{12}\})$	226934784
12	$\mathcal{O}(2; \{12^6, 6, 3^6, 2^8\})$	1811496960
12	$\mathcal{O}(2; \{12^6, 6, 3^9, 2^4\})$	14495956992
12	$\mathcal{O}(2; \{12^6, 6, 3^{12}\})$	115963674624
12	$\mathcal{O}(2; \{12^6, 6, 4^2, 2^{13}\})$	111476736
12	$\mathcal{O}(2; \{12^6, 6, 4^2, 3^3, 2^9\})$	907739136
12	$\mathcal{O}(2; \{12^6, 6, 4^2, 3^6, 2^5\})$	7245987840
12	$\mathcal{O}(2; \{12^6, 6, 4^2, 3^9, 2\})$	57983827968
12	$\mathcal{O}(2; \{12^6, 6, 4^4, 2^{10}\})$	445906944
12	$\mathcal{O}(2; \{12^6, 6, 4^4, 3^3, 2^6\})$	3630956544
12	$\mathcal{O}(2; \{12^6, 6, 4^4, 3^6, 2^2\})$	28983951360
12	$\mathcal{O}(2; \{12^6, 6, 4^6, 2^7\})$	1783627776
12	$\mathcal{O}(2; \{12^6, 6, 4^6, 3^3, 2^3\})$	14523826176
12	$\mathcal{O}(2; \{12^6, 6, 4^8, 2^4\})$	7134511104
12	$\mathcal{O}(2; \{12^6, 6, 4^8, 3^3\})$	58095304704
12	$\mathcal{O}(2; \{12^6, 6, 4^{10}, 2\})$	28538044416
12	$\mathcal{O}(2; \{12^6, 6^2, 3, 2^{13}\})$	112803840
12	$\mathcal{O}(2; \{12^6, 6^2, 3^4, 2^9\})$	906412032
12	$\mathcal{O}(2; \{12^6, 6^2, 3^7, 2^5\})$	7247314944
12	$\mathcal{O}(2; \{12^6, 6^2, 3^{10}, 2\})$	57982500864
12	$\mathcal{O}(2; \{12^6, 6^2, 4^2, 3, 2^{10}\})$	451215360
12	$\mathcal{O}(2; \{12^6, 6^2, 4^2, 3^4, 2^6\})$	3625648128
12	$\mathcal{O}(2; \{12^6, 6^2, 4^2, 3^7, 2^2\})$	28989259776
12	$\mathcal{O}(2; \{12^6, 6^2, 4^4, 3, 2^7\})$	1804861440
12	$\mathcal{O}(2; \{12^6, 6^2, 4^4, 3^4, 2^3\})$	14502592512
12	$\mathcal{O}(2; \{12^6, 6^2, 4^6, 3, 2^4\})$	7219445760
12	$\mathcal{O}(2; \{12^6, 6^2, 4^6, 3^4\})$	58010370048
12	$\mathcal{O}(2; \{12^6, 6^2, 4^8, 3, 2\})$	28877783040
12	$\mathcal{O}(2; \{12^6, 6^3, 3^2, 2^{10}\})$	452542464
12	$\mathcal{O}(2; \{12^6, 6^3, 3^5, 2^6\})$	3624321024
12	$\mathcal{O}(2; \{12^6, 6^3, 3^8, 2^2\})$	28990586880
12	$\mathcal{O}(2; \{12^6, 6^3, 4^2, 3^2, 2^7\})$	1810169856
12	$\mathcal{O}(2; \{12^6, 6^3, 4^2, 3^5, 2^3\})$	14497284096
12	$\mathcal{O}(2; \{12^6, 6^3, 4^4, 3^2, 2^4\})$	7240679424
12	$\mathcal{O}(2; \{12^6, 6^3, 4^4, 3^5\})$	57989136384
12	$\mathcal{O}(2; \{12^6, 6^3, 4^6, 3^2, 2\})$	28962717696
12	$\mathcal{O}(2; \{12^6, 6^4, 2^{11}\})$	226934784
12	$\mathcal{O}(2; \{12^6, 6^4, 3^3, 2^7\})$	1811496960
12	$\mathcal{O}(2; \{12^6, 6^4, 3^6, 2^3\})$	14495956992
12	$\mathcal{O}(2; \{12^6, 6^4, 4^2, 2^8\})$	907739136
12	$\mathcal{O}(2; \{12^6, 6^4, 4^2, 3^3, 2^4\})$	7245987840
12	$\mathcal{O}(2; \{12^6, 6^4, 4^2, 3^6\})$	57983827968

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^6, 6^4, 4^4, 2^5\})$	3630956544
12	$\mathcal{O}(2; \{12^6, 6^4, 4^4, 3^3, 2\})$	28983951360
12	$\mathcal{O}(2; \{12^6, 6^4, 4^6, 2^2\})$	14523826176
12	$\mathcal{O}(2; \{12^6, 6^5, 3, 2^8\})$	906412032
12	$\mathcal{O}(2; \{12^6, 6^5, 3^4, 2^4\})$	7247314944
12	$\mathcal{O}(2; \{12^6, 6^5, 3^7\})$	57982500864
12	$\mathcal{O}(2; \{12^6, 6^5, 4^2, 3, 2^5\})$	3625648128
12	$\mathcal{O}(2; \{12^6, 6^5, 4^2, 3^4, 2\})$	28989259776
12	$\mathcal{O}(2; \{12^6, 6^5, 4^4, 3, 2^2\})$	14502592512
12	$\mathcal{O}(2; \{12^6, 6^6, 3^2, 2^5\})$	3624321024
12	$\mathcal{O}(2; \{12^6, 6^6, 3^5, 2\})$	28990586880
12	$\mathcal{O}(2; \{12^6, 6^6, 4^2, 3^2, 2^2\})$	14497284096
12	$\mathcal{O}(2; \{12^6, 6^7, 2^6\})$	1811496960
12	$\mathcal{O}(2; \{12^6, 6^7, 3^3, 2^2\})$	14495956992
12	$\mathcal{O}(2; \{12^6, 6^7, 4^2, 2^3\})$	7245987840
12	$\mathcal{O}(2; \{12^6, 6^7, 4^4\})$	28983951360
12	$\mathcal{O}(2; \{12^6, 6^8, 3, 2^3\})$	7247314944
12	$\mathcal{O}(2; \{12^6, 6^8, 4^2, 3\})$	28989259776
12	$\mathcal{O}(2; \{12^6, 6^9, 3^2\})$	28990586880
12	$\mathcal{O}(2; \{12^6, 6^{10}, 2\})$	14495956992
12	$\mathcal{O}(2; \{12^7, 4, 3, 2^{13}\})$	228261888
12	$\mathcal{O}(2; \{12^7, 4, 3^4, 2^9\})$	1810169856
12	$\mathcal{O}(2; \{12^7, 4, 3^7, 2^5\})$	14497284096
12	$\mathcal{O}(2; \{12^7, 4, 3^{10}, 2\})$	115962347520
12	$\mathcal{O}(2; \{12^7, 4^3, 3, 2^{10}\})$	913047552
12	$\mathcal{O}(2; \{12^7, 4^3, 3^4, 2^6\})$	7240679424
12	$\mathcal{O}(2; \{12^7, 4^3, 3^7, 2^2\})$	57989136384
12	$\mathcal{O}(2; \{12^7, 4^5, 3, 2^7\})$	3652190208
12	$\mathcal{O}(2; \{12^7, 4^5, 3^4, 2^3\})$	28962717696
12	$\mathcal{O}(2; \{12^7, 4^7, 3, 2^4\})$	14608760832
12	$\mathcal{O}(2; \{12^7, 4^7, 3^4\})$	115850870784
12	$\mathcal{O}(2; \{12^7, 4^9, 3, 2\})$	58435043328
12	$\mathcal{O}(2; \{12^7, 6, 4, 3^2, 2^{10}\})$	907739136
12	$\mathcal{O}(2; \{12^7, 6, 4, 3^5, 2^6\})$	7245987840
12	$\mathcal{O}(2; \{12^7, 6, 4, 3^8, 2^2\})$	57983827968
12	$\mathcal{O}(2; \{12^7, 6, 4^3, 3^2, 2^7\})$	3630956544
12	$\mathcal{O}(2; \{12^7, 6, 4^3, 3^5, 2^3\})$	28983951360
12	$\mathcal{O}(2; \{12^7, 6, 4^5, 3^2, 2^4\})$	14523826176
12	$\mathcal{O}(2; \{12^7, 6, 4^5, 3^5\})$	115935805440
12	$\mathcal{O}(2; \{12^7, 6, 4^7, 3^2, 2\})$	58095304704
12	$\mathcal{O}(2; \{12^7, 6^2, 4, 2^{11}\})$	451215360
12	$\mathcal{O}(2; \{12^7, 6^2, 4, 3^3, 2^7\})$	3625648128
12	$\mathcal{O}(2; \{12^7, 6^2, 4, 3^6, 2^3\})$	28989259776

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^7, 6^2, 4^3, 2^8\})$	1804861440
12	$\mathcal{O}(2; \{12^7, 6^2, 4^3, 3^3, 2^4\})$	14502592512
12	$\mathcal{O}(2; \{12^7, 6^2, 4^3, 3^6\})$	115957039104
12	$\mathcal{O}(2; \{12^7, 6^2, 4^5, 2^5\})$	7219445760
12	$\mathcal{O}(2; \{12^7, 6^2, 4^5, 3^3, 2\})$	58010370048
12	$\mathcal{O}(2; \{12^7, 6^2, 4^7, 2^2\})$	28877783040
12	$\mathcal{O}(2; \{12^7, 6^3, 4, 3, 2^8\})$	1810169856
12	$\mathcal{O}(2; \{12^7, 6^3, 4, 3^4, 2^4\})$	14497284096
12	$\mathcal{O}(2; \{12^7, 6^3, 4, 3^7\})$	115962347520
12	$\mathcal{O}(2; \{12^7, 6^3, 4^3, 3, 2^5\})$	7240679424
12	$\mathcal{O}(2; \{12^7, 6^3, 4^3, 3^4, 2\})$	57989136384
12	$\mathcal{O}(2; \{12^7, 6^3, 4^5, 3, 2^2\})$	28962717696
12	$\mathcal{O}(2; \{12^7, 6^4, 4, 3^2, 2^5\})$	7245987840
12	$\mathcal{O}(2; \{12^7, 6^4, 4, 3^5, 2\})$	57983827968
12	$\mathcal{O}(2; \{12^7, 6^4, 4^3, 3^2, 2^2\})$	28983951360
12	$\mathcal{O}(2; \{12^7, 6^5, 4, 2^6\})$	3625648128
12	$\mathcal{O}(2; \{12^7, 6^5, 4, 3^3, 2^2\})$	28989259776
12	$\mathcal{O}(2; \{12^7, 6^5, 4^3, 2^3\})$	14502592512
12	$\mathcal{O}(2; \{12^7, 6^5, 4^5\})$	58010370048
12	$\mathcal{O}(2; \{12^7, 6^6, 4, 3, 2^3\})$	14497284096
12	$\mathcal{O}(2; \{12^7, 6^6, 4^3, 3\})$	57989136384
12	$\mathcal{O}(2; \{12^7, 6^7, 4, 3^2\})$	57983827968
12	$\mathcal{O}(2; \{12^7, 6^8, 4, 2\})$	28989259776
12	$\mathcal{O}(2; \{12^8, 2^{14}\})$	228261888
12	$\mathcal{O}(2; \{12^8, 3^3, 2^{10}\})$	1810169856
12	$\mathcal{O}(2; \{12^8, 3^6, 2^6\})$	14497284096
12	$\mathcal{O}(2; \{12^8, 3^9, 2^2\})$	115962347520
12	$\mathcal{O}(2; \{12^8, 4^2, 2^{11}\})$	913047552
12	$\mathcal{O}(2; \{12^8, 4^2, 3^3, 2^7\})$	7240679424
12	$\mathcal{O}(2; \{12^8, 4^2, 3^6, 2^3\})$	57989136384
12	$\mathcal{O}(2; \{12^8, 4^4, 2^8\})$	3652190208
12	$\mathcal{O}(2; \{12^8, 4^4, 3^3, 2^4\})$	28962717696
12	$\mathcal{O}(2; \{12^8, 4^4, 3^6\})$	231956545536
12	$\mathcal{O}(2; \{12^8, 4^6, 2^5\})$	14608760832
12	$\mathcal{O}(2; \{12^8, 4^6, 3^3, 2\})$	115850870784
12	$\mathcal{O}(2; \{12^8, 4^8, 2^2\})$	58435043328
12	$\mathcal{O}(2; \{12^8, 6, 3, 2^{11}\})$	907739136
12	$\mathcal{O}(2; \{12^8, 6, 3^4, 2^7\})$	7245987840
12	$\mathcal{O}(2; \{12^8, 6, 3^7, 2^3\})$	57983827968
12	$\mathcal{O}(2; \{12^8, 6, 4^2, 3, 2^8\})$	3630956544
12	$\mathcal{O}(2; \{12^8, 6, 4^2, 3^4, 2^4\})$	28983951360
12	$\mathcal{O}(2; \{12^8, 6, 4^2, 3^7\})$	231935311872
12	$\mathcal{O}(2; \{12^8, 6, 4^4, 3, 2^5\})$	14523826176

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^8, 6, 4^4, 3^4, 2\})$	115935805440
12	$\mathcal{O}(2; \{12^8, 6, 4^6, 3, 2^2\})$	58095304704
12	$\mathcal{O}(2; \{12^8, 6^2, 3^2, 2^8\})$	3625648128
12	$\mathcal{O}(2; \{12^8, 6^2, 3^5, 2^4\})$	28989259776
12	$\mathcal{O}(2; \{12^8, 6^2, 3^8\})$	231930003456
12	$\mathcal{O}(2; \{12^8, 6^2, 4^2, 3^2, 2^5\})$	14502592512
12	$\mathcal{O}(2; \{12^8, 6^2, 4^2, 3^5, 2\})$	115957039104
12	$\mathcal{O}(2; \{12^8, 6^2, 4^4, 3^2, 2^2\})$	58010370048
12	$\mathcal{O}(2; \{12^8, 6^3, 2^9\})$	1810169856
12	$\mathcal{O}(2; \{12^8, 6^3, 3^3, 2^5\})$	14497284096
12	$\mathcal{O}(2; \{12^8, 6^3, 3^6, 2\})$	115962347520
12	$\mathcal{O}(2; \{12^8, 6^3, 4^2, 2^6\})$	7240679424
12	$\mathcal{O}(2; \{12^8, 6^3, 4^2, 3^3, 2^2\})$	57989136384
12	$\mathcal{O}(2; \{12^8, 6^3, 4^4, 2^3\})$	28962717696
12	$\mathcal{O}(2; \{12^8, 6^3, 4^6\})$	115850870784
12	$\mathcal{O}(2; \{12^8, 6^4, 3, 2^6\})$	7245987840
12	$\mathcal{O}(2; \{12^8, 6^4, 3^4, 2^2\})$	57983827968
12	$\mathcal{O}(2; \{12^8, 6^4, 4^2, 3, 2^3\})$	28983951360
12	$\mathcal{O}(2; \{12^8, 6^4, 4^4, 3\})$	115935805440
12	$\mathcal{O}(2; \{12^8, 6^5, 3^2, 2^3\})$	28989259776
12	$\mathcal{O}(2; \{12^8, 6^5, 4^2, 3^2\})$	115957039104
12	$\mathcal{O}(2; \{12^8, 6^6, 2^4\})$	14497284096
12	$\mathcal{O}(2; \{12^8, 6^6, 3^3\})$	115962347520
12	$\mathcal{O}(2; \{12^8, 6^6, 4^2, 2\})$	57989136384
12	$\mathcal{O}(2; \{12^8, 6^7, 3, 2\})$	57983827968
12	$\mathcal{O}(2; \{12^9, 4, 3^2, 2^8\})$	7240679424
12	$\mathcal{O}(2; \{12^9, 4, 3^5, 2^4\})$	57989136384
12	$\mathcal{O}(2; \{12^9, 4, 3^8\})$	463849390080
12	$\mathcal{O}(2; \{12^9, 4^3, 3^2, 2^5\})$	28962717696
12	$\mathcal{O}(2; \{12^9, 4^3, 3^5, 2\})$	231956545536
12	$\mathcal{O}(2; \{12^9, 4^5, 3^2, 2^2\})$	115850870784
12	$\mathcal{O}(2; \{12^9, 6, 4, 2^9\})$	3630956544
12	$\mathcal{O}(2; \{12^9, 6, 4, 3^3, 2^5\})$	28983951360
12	$\mathcal{O}(2; \{12^9, 6, 4, 3^6, 2\})$	231935311872
12	$\mathcal{O}(2; \{12^9, 6, 4^3, 2^6\})$	14523826176
12	$\mathcal{O}(2; \{12^9, 6, 4^3, 3^3, 2^2\})$	115935805440
12	$\mathcal{O}(2; \{12^9, 6, 4^5, 2^3\})$	58095304704
12	$\mathcal{O}(2; \{12^9, 6, 4^7\})$	232381218816
12	$\mathcal{O}(2; \{12^9, 6^2, 4, 3, 2^6\})$	14502592512
12	$\mathcal{O}(2; \{12^9, 6^2, 4, 3^4, 2^2\})$	115957039104
12	$\mathcal{O}(2; \{12^9, 6^2, 4^3, 3, 2^3\})$	58010370048
12	$\mathcal{O}(2; \{12^9, 6^2, 4^5, 3\})$	232041480192
12	$\mathcal{O}(2; \{12^9, 6^3, 4, 3^2, 2^3\})$	57989136384

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^9, 6^3, 4^3, 3^2\})$	231956545536
12	$\mathcal{O}(2; \{12^9, 6^4, 4, 2^4\})$	28983951360
12	$\mathcal{O}(2; \{12^9, 6^4, 4, 3^3\})$	231935311872
12	$\mathcal{O}(2; \{12^9, 6^4, 4^3, 2\})$	115935805440
12	$\mathcal{O}(2; \{12^9, 6^5, 4, 3, 2\})$	115957039104
12	$\mathcal{O}(2; \{12^{10}, 3, 2^9\})$	7240679424
12	$\mathcal{O}(2; \{12^{10}, 3^4, 2^5\})$	57989136384
12	$\mathcal{O}(2; \{12^{10}, 3^7, 2\})$	463849390080
12	$\mathcal{O}(2; \{12^{10}, 4^2, 3, 2^6\})$	28962717696
12	$\mathcal{O}(2; \{12^{10}, 4^2, 3^4, 2^2\})$	231956545536
12	$\mathcal{O}(2; \{12^{10}, 4^4, 3, 2^3\})$	115850870784
12	$\mathcal{O}(2; \{12^{10}, 4^6, 3\})$	463403483136
12	$\mathcal{O}(2; \{12^{10}, 6, 3^2, 2^6\})$	28983951360
12	$\mathcal{O}(2; \{12^{10}, 6, 3^5, 2^2\})$	231935311872
12	$\mathcal{O}(2; \{12^{10}, 6, 4^2, 3^2, 2^3\})$	115935805440
12	$\mathcal{O}(2; \{12^{10}, 6, 4^4, 3^2\})$	463743221760
12	$\mathcal{O}(2; \{12^{10}, 6^2, 2^7\})$	14502592512
12	$\mathcal{O}(2; \{12^{10}, 6^2, 3^3, 2^3\})$	115957039104
12	$\mathcal{O}(2; \{12^{10}, 6^2, 4^2, 2^4\})$	58010370048
12	$\mathcal{O}(2; \{12^{10}, 6^2, 4^2, 3^3\})$	463828156416
12	$\mathcal{O}(2; \{12^{10}, 6^2, 4^4, 2\})$	232041480192
12	$\mathcal{O}(2; \{12^{10}, 6^3, 3, 2^4\})$	57989136384
12	$\mathcal{O}(2; \{12^{10}, 6^3, 3^4\})$	463849390080
12	$\mathcal{O}(2; \{12^{10}, 6^3, 4^2, 3, 2\})$	231956545536
12	$\mathcal{O}(2; \{12^{10}, 6^4, 3^2, 2\})$	231935311872
12	$\mathcal{O}(2; \{12^{10}, 6^5, 2^2\})$	115957039104
12	$\mathcal{O}(2; \{12^{11}, 4, 2^7\})$	28962717696
12	$\mathcal{O}(2; \{12^{11}, 4, 3^3, 2^3\})$	231956545536
12	$\mathcal{O}(2; \{12^{11}, 4^3, 2^4\})$	115850870784
12	$\mathcal{O}(2; \{12^{11}, 4^3, 3^3\})$	927826182144
12	$\mathcal{O}(2; \{12^{11}, 4^5, 2\})$	463403483136
12	$\mathcal{O}(2; \{12^{11}, 6, 4, 3, 2^4\})$	115935805440
12	$\mathcal{O}(2; \{12^{11}, 6, 4, 3^4\})$	927741247488
12	$\mathcal{O}(2; \{12^{11}, 6, 4^3, 3, 2\})$	463743221760
12	$\mathcal{O}(2; \{12^{11}, 6^2, 4, 3^2, 2\})$	463828156416
12	$\mathcal{O}(2; \{12^{11}, 6^3, 4, 2^2\})$	231956545536
12	$\mathcal{O}(2; \{12^{12}, 3^2, 2^4\})$	231956545536
12	$\mathcal{O}(2; \{12^{12}, 3^5\})$	1855397560320
12	$\mathcal{O}(2; \{12^{12}, 4^2, 3^2, 2\})$	927826182144
12	$\mathcal{O}(2; \{12^{12}, 6, 2^5\})$	115935805440
12	$\mathcal{O}(2; \{12^{12}, 6, 3^3, 2\})$	927741247488
12	$\mathcal{O}(2; \{12^{12}, 6, 4^2, 2^2\})$	463743221760
12	$\mathcal{O}(2; \{12^{12}, 6^2, 3, 2^2\})$	463828156416

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^{12}, 6^4\})$	927741247488
12	$\mathcal{O}(2; \{12^{13}, 4, 3, 2^2\})$	927826182144
12	$\mathcal{O}(2; \{12^{13}, 6^2, 4\})$	1855312625664
12	$\mathcal{O}(2; \{12^{14}, 2^3\})$	927826182144
12	$\mathcal{O}(2; \{12^{14}, 4^2\})$	3711304728576
12	$\mathcal{O}(2; \{12^{14}, 6, 3\})$	3710964989952
12	$\mathcal{O}(1; \{3^2, 2^{30}\})$	216
12	$\mathcal{O}(1; \{3^5, 2^{26}\})$	1080
12	$\mathcal{O}(1; \{3^8, 2^{22}\})$	9288
12	$\mathcal{O}(1; \{3^{11}, 2^{18}\})$	73656
12	$\mathcal{O}(1; \{3^{14}, 2^{14}\})$	589896
12	$\mathcal{O}(1; \{3^{17}, 2^{10}\})$	4718520
12	$\mathcal{O}(1; \{3^{20}, 2^6\})$	37748808
12	$\mathcal{O}(1; \{3^{23}, 2^2\})$	301989816
12	$\mathcal{O}(1; \{4^2, 3^2, 2^{27}\})$	576
12	$\mathcal{O}(1; \{4^2, 3^5, 2^{23}\})$	2880
12	$\mathcal{O}(1; \{4^2, 3^8, 2^{19}\})$	24768
12	$\mathcal{O}(1; \{4^2, 3^{11}, 2^{15}\})$	196416
12	$\mathcal{O}(1; \{4^2, 3^{14}, 2^{11}\})$	1573056
12	$\mathcal{O}(1; \{4^2, 3^{17}, 2^7\})$	12582720
12	$\mathcal{O}(1; \{4^2, 3^{20}, 2^3\})$	100663488
12	$\mathcal{O}(1; \{4^4, 3^2, 2^{24}\})$	2304
12	$\mathcal{O}(1; \{4^4, 3^5, 2^{20}\})$	11520
12	$\mathcal{O}(1; \{4^4, 3^8, 2^{16}\})$	99072
12	$\mathcal{O}(1; \{4^4, 3^{11}, 2^{12}\})$	785664
12	$\mathcal{O}(1; \{4^4, 3^{14}, 2^8\})$	6292224
12	$\mathcal{O}(1; \{4^4, 3^{17}, 2^4\})$	50330880
12	$\mathcal{O}(1; \{4^4, 3^{20}\})$	402653952
12	$\mathcal{O}(1; \{4^6, 3^2, 2^{21}\})$	9216
12	$\mathcal{O}(1; \{4^6, 3^5, 2^{17}\})$	46080
12	$\mathcal{O}(1; \{4^6, 3^8, 2^{13}\})$	396288
12	$\mathcal{O}(1; \{4^6, 3^{11}, 2^9\})$	3142656
12	$\mathcal{O}(1; \{4^6, 3^{14}, 2^5\})$	25168896
12	$\mathcal{O}(1; \{4^6, 3^{17}, 2\})$	201323520
12	$\mathcal{O}(1; \{4^8, 3^2, 2^{18}\})$	36864
12	$\mathcal{O}(1; \{4^8, 3^5, 2^{14}\})$	184320
12	$\mathcal{O}(1; \{4^8, 3^8, 2^{10}\})$	1585152
12	$\mathcal{O}(1; \{4^8, 3^{11}, 2^6\})$	12570624
12	$\mathcal{O}(1; \{4^8, 3^{14}, 2^2\})$	100675584
12	$\mathcal{O}(1; \{4^{10}, 3^2, 2^{15}\})$	147456
12	$\mathcal{O}(1; \{4^{10}, 3^5, 2^{11}\})$	737280
12	$\mathcal{O}(1; \{4^{10}, 3^8, 2^7\})$	6340608
12	$\mathcal{O}(1; \{4^{10}, 3^{11}, 2^3\})$	50282496

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{4^{12}, 3^2, 2^{12}\})$	589824
12	$\mathcal{O}(1; \{4^{12}, 3^5, 2^8\})$	2949120
12	$\mathcal{O}(1; \{4^{12}, 3^8, 2^4\})$	25362432
12	$\mathcal{O}(1; \{4^{12}, 3^{11}\})$	201129984
12	$\mathcal{O}(1; \{4^{14}, 3^2, 2^9\})$	2359296
12	$\mathcal{O}(1; \{4^{14}, 3^5, 2^5\})$	11796480
12	$\mathcal{O}(1; \{4^{14}, 3^8, 2\})$	101449728
12	$\mathcal{O}(1; \{4^{16}, 3^2, 2^6\})$	9437184
12	$\mathcal{O}(1; \{4^{16}, 3^5, 2^2\})$	47185920
12	$\mathcal{O}(1; \{4^{18}, 3^2, 2^3\})$	37748736
12	$\mathcal{O}(1; \{4^{20}, 3^2\})$	150994944
12	$\mathcal{O}(1; \{6, 3^3, 2^{27}\})$	648
12	$\mathcal{O}(1; \{6, 3^6, 2^{23}\})$	4536
12	$\mathcal{O}(1; \{6, 3^9, 2^{19}\})$	36936
12	$\mathcal{O}(1; \{6, 3^{12}, 2^{15}\})$	294840
12	$\mathcal{O}(1; \{6, 3^{15}, 2^{11}\})$	2359368
12	$\mathcal{O}(1; \{6, 3^{18}, 2^7\})$	18874296
12	$\mathcal{O}(1; \{6, 3^{21}, 2^3\})$	150995016
12	$\mathcal{O}(1; \{6, 4^2, 3^3, 2^{24}\})$	1728
12	$\mathcal{O}(1; \{6, 4^2, 3^6, 2^{20}\})$	12096
12	$\mathcal{O}(1; \{6, 4^2, 3^9, 2^{16}\})$	98496
12	$\mathcal{O}(1; \{6, 4^2, 3^{12}, 2^{12}\})$	786240
12	$\mathcal{O}(1; \{6, 4^2, 3^{15}, 2^8\})$	6291648
12	$\mathcal{O}(1; \{6, 4^2, 3^{18}, 2^4\})$	50331456
12	$\mathcal{O}(1; \{6, 4^2, 3^{21}\})$	402653376
12	$\mathcal{O}(1; \{6, 4^4, 3^3, 2^{21}\})$	6912
12	$\mathcal{O}(1; \{6, 4^4, 3^6, 2^{17}\})$	48384
12	$\mathcal{O}(1; \{6, 4^4, 3^9, 2^{13}\})$	393984
12	$\mathcal{O}(1; \{6, 4^4, 3^{12}, 2^9\})$	3144960
12	$\mathcal{O}(1; \{6, 4^4, 3^{15}, 2^5\})$	25166592
12	$\mathcal{O}(1; \{6, 4^4, 3^{18}, 2\})$	201325824
12	$\mathcal{O}(1; \{6, 4^6, 3^3, 2^{18}\})$	27648
12	$\mathcal{O}(1; \{6, 4^6, 3^6, 2^{14}\})$	193536
12	$\mathcal{O}(1; \{6, 4^6, 3^9, 2^{10}\})$	1575936
12	$\mathcal{O}(1; \{6, 4^6, 3^{12}, 2^6\})$	12579840
12	$\mathcal{O}(1; \{6, 4^6, 3^{15}, 2^2\})$	100666368
12	$\mathcal{O}(1; \{6, 4^8, 3^3, 2^{15}\})$	110592
12	$\mathcal{O}(1; \{6, 4^8, 3^6, 2^{11}\})$	774144
12	$\mathcal{O}(1; \{6, 4^8, 3^9, 2^7\})$	6303744
12	$\mathcal{O}(1; \{6, 4^8, 3^{12}, 2^3\})$	50319360
12	$\mathcal{O}(1; \{6, 4^{10}, 3^3, 2^{12}\})$	442368
12	$\mathcal{O}(1; \{6, 4^{10}, 3^6, 2^8\})$	3096576
12	$\mathcal{O}(1; \{6, 4^{10}, 3^9, 2^4\})$	25214976

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6, 4^{10}, 3^{12}\})$	201277440
12	$\mathcal{O}(1; \{6, 4^{12}, 3^3, 2^9\})$	1769472
12	$\mathcal{O}(1; \{6, 4^{12}, 3^6, 2^5\})$	12386304
12	$\mathcal{O}(1; \{6, 4^{12}, 3^9, 2\})$	100859904
12	$\mathcal{O}(1; \{6, 4^{14}, 3^3, 2^6\})$	7077888
12	$\mathcal{O}(1; \{6, 4^{14}, 3^6, 2^2\})$	49545216
12	$\mathcal{O}(1; \{6, 4^{16}, 3^3, 2^3\})$	28311552
12	$\mathcal{O}(1; \{6, 4^{18}, 3^3\})$	113246208
12	$\mathcal{O}(1; \{6^2, 3, 2^{28}\})$	216
12	$\mathcal{O}(1; \{6^2, 3^4, 2^{24}\})$	2376
12	$\mathcal{O}(1; \{6^2, 3^7, 2^{20}\})$	18360
12	$\mathcal{O}(1; \{6^2, 3^{10}, 2^{16}\})$	147528
12	$\mathcal{O}(1; \{6^2, 3^{13}, 2^{12}\})$	1179576
12	$\mathcal{O}(1; \{6^2, 3^{16}, 2^8\})$	9437256
12	$\mathcal{O}(1; \{6^2, 3^{19}, 2^4\})$	75497400
12	$\mathcal{O}(1; \{6^2, 3^{22}\})$	603979848
12	$\mathcal{O}(1; \{6^2, 4^2, 3, 2^{25}\})$	576
12	$\mathcal{O}(1; \{6^2, 4^2, 3^4, 2^{21}\})$	6336
12	$\mathcal{O}(1; \{6^2, 4^2, 3^7, 2^{17}\})$	48960
12	$\mathcal{O}(1; \{6^2, 4^2, 3^{10}, 2^{13}\})$	393408
12	$\mathcal{O}(1; \{6^2, 4^2, 3^{13}, 2^9\})$	3145536
12	$\mathcal{O}(1; \{6^2, 4^2, 3^{16}, 2^5\})$	25166016
12	$\mathcal{O}(1; \{6^2, 4^2, 3^{19}, 2\})$	201326400
12	$\mathcal{O}(1; \{6^2, 4^4, 3, 2^{22}\})$	2304
12	$\mathcal{O}(1; \{6^2, 4^4, 3^4, 2^{18}\})$	25344
12	$\mathcal{O}(1; \{6^2, 4^4, 3^7, 2^{14}\})$	195840
12	$\mathcal{O}(1; \{6^2, 4^4, 3^{10}, 2^{10}\})$	1573632
12	$\mathcal{O}(1; \{6^2, 4^4, 3^{13}, 2^6\})$	12582144
12	$\mathcal{O}(1; \{6^2, 4^4, 3^{16}, 2^2\})$	100664064
12	$\mathcal{O}(1; \{6^2, 4^6, 3, 2^{19}\})$	9216
12	$\mathcal{O}(1; \{6^2, 4^6, 3^4, 2^{15}\})$	101376
12	$\mathcal{O}(1; \{6^2, 4^6, 3^7, 2^{11}\})$	783360
12	$\mathcal{O}(1; \{6^2, 4^6, 3^{10}, 2^7\})$	6294528
12	$\mathcal{O}(1; \{6^2, 4^6, 3^{13}, 2^3\})$	50328576
12	$\mathcal{O}(1; \{6^2, 4^8, 3, 2^{16}\})$	36864
12	$\mathcal{O}(1; \{6^2, 4^8, 3^4, 2^{12}\})$	405504
12	$\mathcal{O}(1; \{6^2, 4^8, 3^7, 2^8\})$	3133440
12	$\mathcal{O}(1; \{6^2, 4^8, 3^{10}, 2^4\})$	25178112
12	$\mathcal{O}(1; \{6^2, 4^8, 3^{13}\})$	201314304
12	$\mathcal{O}(1; \{6^2, 4^{10}, 3, 2^{13}\})$	147456
12	$\mathcal{O}(1; \{6^2, 4^{10}, 3^4, 2^9\})$	1622016
12	$\mathcal{O}(1; \{6^2, 4^{10}, 3^7, 2^5\})$	12533760
12	$\mathcal{O}(1; \{6^2, 4^{10}, 3^{10}, 2\})$	100712448

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^2, 4^{12}, 3, 2^{10}\})$	589824
12	$\mathcal{O}(1; \{6^2, 4^{12}, 3^4, 2^6\})$	6488064
12	$\mathcal{O}(1; \{6^2, 4^{12}, 3^7, 2^2\})$	50135040
12	$\mathcal{O}(1; \{6^2, 4^{14}, 3, 2^7\})$	2359296
12	$\mathcal{O}(1; \{6^2, 4^{14}, 3^4, 2^3\})$	25952256
12	$\mathcal{O}(1; \{6^2, 4^{16}, 3, 2^4\})$	9437184
12	$\mathcal{O}(1; \{6^2, 4^{16}, 3^4\})$	103809024
12	$\mathcal{O}(1; \{6^2, 4^{18}, 3, 2\})$	37748736
12	$\mathcal{O}(1; \{6^3, 3^2, 2^{25}\})$	1080
12	$\mathcal{O}(1; \{6^3, 3^5, 2^{21}\})$	9288
12	$\mathcal{O}(1; \{6^3, 3^8, 2^{17}\})$	73656
12	$\mathcal{O}(1; \{6^3, 3^{11}, 2^{13}\})$	589896
12	$\mathcal{O}(1; \{6^3, 3^{14}, 2^9\})$	4718520
12	$\mathcal{O}(1; \{6^3, 3^{17}, 2^5\})$	37748808
12	$\mathcal{O}(1; \{6^3, 3^{20}, 2\})$	301989816
12	$\mathcal{O}(1; \{6^3, 4^2, 3^2, 2^{22}\})$	2880
12	$\mathcal{O}(1; \{6^3, 4^2, 3^5, 2^{18}\})$	24768
12	$\mathcal{O}(1; \{6^3, 4^2, 3^8, 2^{14}\})$	196416
12	$\mathcal{O}(1; \{6^3, 4^2, 3^{11}, 2^{10}\})$	1573056
12	$\mathcal{O}(1; \{6^3, 4^2, 3^{14}, 2^6\})$	12582720
12	$\mathcal{O}(1; \{6^3, 4^2, 3^{17}, 2^2\})$	100663488
12	$\mathcal{O}(1; \{6^3, 4^4, 3^2, 2^{19}\})$	11520
12	$\mathcal{O}(1; \{6^3, 4^4, 3^5, 2^{15}\})$	99072
12	$\mathcal{O}(1; \{6^3, 4^4, 3^8, 2^{11}\})$	785664
12	$\mathcal{O}(1; \{6^3, 4^4, 3^{11}, 2^7\})$	6292224
12	$\mathcal{O}(1; \{6^3, 4^4, 3^{14}, 2^3\})$	50330880
12	$\mathcal{O}(1; \{6^3, 4^6, 3^2, 2^{16}\})$	46080
12	$\mathcal{O}(1; \{6^3, 4^6, 3^5, 2^{12}\})$	396288
12	$\mathcal{O}(1; \{6^3, 4^6, 3^8, 2^8\})$	3142656
12	$\mathcal{O}(1; \{6^3, 4^6, 3^{11}, 2^4\})$	25168896
12	$\mathcal{O}(1; \{6^3, 4^6, 3^{14}\})$	201323520
12	$\mathcal{O}(1; \{6^3, 4^8, 3^2, 2^{13}\})$	184320
12	$\mathcal{O}(1; \{6^3, 4^8, 3^5, 2^9\})$	1585152
12	$\mathcal{O}(1; \{6^3, 4^8, 3^8, 2^5\})$	12570624
12	$\mathcal{O}(1; \{6^3, 4^8, 3^{11}, 2\})$	100675584
12	$\mathcal{O}(1; \{6^3, 4^{10}, 3^2, 2^{10}\})$	737280
12	$\mathcal{O}(1; \{6^3, 4^{10}, 3^5, 2^6\})$	6340608
12	$\mathcal{O}(1; \{6^3, 4^{10}, 3^8, 2^2\})$	50282496
12	$\mathcal{O}(1; \{6^3, 4^{12}, 3^2, 2^7\})$	2949120
12	$\mathcal{O}(1; \{6^3, 4^{12}, 3^5, 2^3\})$	25362432
12	$\mathcal{O}(1; \{6^3, 4^{14}, 3^2, 2^4\})$	11796480
12	$\mathcal{O}(1; \{6^3, 4^{14}, 3^5\})$	101449728
12	$\mathcal{O}(1; \{6^3, 4^{16}, 3^2, 2\})$	47185920

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^4, 2^{26}\})$	648
12	$\mathcal{O}(1; \{6^4, 3^3, 2^{22}\})$	4536
12	$\mathcal{O}(1; \{6^4, 3^6, 2^{18}\})$	36936
12	$\mathcal{O}(1; \{6^4, 3^9, 2^{14}\})$	294840
12	$\mathcal{O}(1; \{6^4, 3^{12}, 2^{10}\})$	2359368
12	$\mathcal{O}(1; \{6^4, 3^{15}, 2^6\})$	18874296
12	$\mathcal{O}(1; \{6^4, 3^{18}, 2^2\})$	150995016
12	$\mathcal{O}(1; \{6^4, 4^2, 2^{23}\})$	1728
12	$\mathcal{O}(1; \{6^4, 4^2, 3^3, 2^{19}\})$	12096
12	$\mathcal{O}(1; \{6^4, 4^2, 3^6, 2^{15}\})$	98496
12	$\mathcal{O}(1; \{6^4, 4^2, 3^9, 2^{11}\})$	786240
12	$\mathcal{O}(1; \{6^4, 4^2, 3^{12}, 2^7\})$	6291648
12	$\mathcal{O}(1; \{6^4, 4^2, 3^{15}, 2^3\})$	50331456
12	$\mathcal{O}(1; \{6^4, 4^4, 2^{20}\})$	6912
12	$\mathcal{O}(1; \{6^4, 4^4, 3^3, 2^{16}\})$	48384
12	$\mathcal{O}(1; \{6^4, 4^4, 3^6, 2^{12}\})$	393984
12	$\mathcal{O}(1; \{6^4, 4^4, 3^9, 2^8\})$	3144960
12	$\mathcal{O}(1; \{6^4, 4^4, 3^{12}, 2^4\})$	25166592
12	$\mathcal{O}(1; \{6^4, 4^4, 3^{15}\})$	201325824
12	$\mathcal{O}(1; \{6^4, 4^6, 2^{17}\})$	27648
12	$\mathcal{O}(1; \{6^4, 4^6, 3^3, 2^{13}\})$	193536
12	$\mathcal{O}(1; \{6^4, 4^6, 3^6, 2^9\})$	1575936
12	$\mathcal{O}(1; \{6^4, 4^6, 3^9, 2^5\})$	12579840
12	$\mathcal{O}(1; \{6^4, 4^6, 3^{12}, 2\})$	100666368
12	$\mathcal{O}(1; \{6^4, 4^8, 2^{14}\})$	110592
12	$\mathcal{O}(1; \{6^4, 4^8, 3^3, 2^{10}\})$	774144
12	$\mathcal{O}(1; \{6^4, 4^8, 3^6, 2^6\})$	6303744
12	$\mathcal{O}(1; \{6^4, 4^8, 3^9, 2^2\})$	50319360
12	$\mathcal{O}(1; \{6^4, 4^{10}, 2^{11}\})$	442368
12	$\mathcal{O}(1; \{6^4, 4^{10}, 3^3, 2^7\})$	3096576
12	$\mathcal{O}(1; \{6^4, 4^{10}, 3^6, 2^3\})$	25214976
12	$\mathcal{O}(1; \{6^4, 4^{12}, 2^8\})$	1769472
12	$\mathcal{O}(1; \{6^4, 4^{12}, 3^3, 2^4\})$	12386304
12	$\mathcal{O}(1; \{6^4, 4^{12}, 3^6\})$	100859904
12	$\mathcal{O}(1; \{6^4, 4^{14}, 2^5\})$	7077888
12	$\mathcal{O}(1; \{6^4, 4^{14}, 3^3, 2\})$	49545216
12	$\mathcal{O}(1; \{6^4, 4^{16}, 2^2\})$	28311552
12	$\mathcal{O}(1; \{6^5, 3, 2^{23}\})$	2376
12	$\mathcal{O}(1; \{6^5, 3^4, 2^{19}\})$	18360
12	$\mathcal{O}(1; \{6^5, 3^7, 2^{15}\})$	147528
12	$\mathcal{O}(1; \{6^5, 3^{10}, 2^{11}\})$	1179576
12	$\mathcal{O}(1; \{6^5, 3^{13}, 2^7\})$	9437256
12	$\mathcal{O}(1; \{6^5, 3^{16}, 2^3\})$	75497400

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^5, 4^2, 3, 2^{20}\})$	6336
12	$\mathcal{O}(1; \{6^5, 4^2, 3^4, 2^{16}\})$	48960
12	$\mathcal{O}(1; \{6^5, 4^2, 3^7, 2^{12}\})$	393408
12	$\mathcal{O}(1; \{6^5, 4^2, 3^{10}, 2^8\})$	3145536
12	$\mathcal{O}(1; \{6^5, 4^2, 3^{13}, 2^4\})$	25166016
12	$\mathcal{O}(1; \{6^5, 4^2, 3^{16}\})$	201326400
12	$\mathcal{O}(1; \{6^5, 4^4, 3, 2^{17}\})$	25344
12	$\mathcal{O}(1; \{6^5, 4^4, 3^4, 2^{13}\})$	195840
12	$\mathcal{O}(1; \{6^5, 4^4, 3^7, 2^9\})$	1573632
12	$\mathcal{O}(1; \{6^5, 4^4, 3^{10}, 2^5\})$	12582144
12	$\mathcal{O}(1; \{6^5, 4^4, 3^{13}, 2\})$	100664064
12	$\mathcal{O}(1; \{6^5, 4^6, 3, 2^{14}\})$	101376
12	$\mathcal{O}(1; \{6^5, 4^6, 3^4, 2^{10}\})$	783360
12	$\mathcal{O}(1; \{6^5, 4^6, 3^7, 2^6\})$	6294528
12	$\mathcal{O}(1; \{6^5, 4^6, 3^{10}, 2^2\})$	50328576
12	$\mathcal{O}(1; \{6^5, 4^8, 3, 2^{11}\})$	405504
12	$\mathcal{O}(1; \{6^5, 4^8, 3^4, 2^7\})$	3133440
12	$\mathcal{O}(1; \{6^5, 4^8, 3^7, 2^3\})$	25178112
12	$\mathcal{O}(1; \{6^5, 4^{10}, 3, 2^8\})$	1622016
12	$\mathcal{O}(1; \{6^5, 4^{10}, 3^4, 2^4\})$	12533760
12	$\mathcal{O}(1; \{6^5, 4^{10}, 3^7\})$	100712448
12	$\mathcal{O}(1; \{6^5, 4^{12}, 3, 2^5\})$	6488064
12	$\mathcal{O}(1; \{6^5, 4^{12}, 3^4, 2\})$	50135040
12	$\mathcal{O}(1; \{6^5, 4^{14}, 3, 2^2\})$	25952256
12	$\mathcal{O}(1; \{6^6, 3^2, 2^{20}\})$	9288
12	$\mathcal{O}(1; \{6^6, 3^5, 2^{16}\})$	73656
12	$\mathcal{O}(1; \{6^6, 3^8, 2^{12}\})$	589896
12	$\mathcal{O}(1; \{6^6, 3^{11}, 2^8\})$	4718520
12	$\mathcal{O}(1; \{6^6, 3^{14}, 2^4\})$	37748808
12	$\mathcal{O}(1; \{6^6, 3^{17}\})$	301989816
12	$\mathcal{O}(1; \{6^6, 4^2, 3^2, 2^{17}\})$	24768
12	$\mathcal{O}(1; \{6^6, 4^2, 3^5, 2^{13}\})$	196416
12	$\mathcal{O}(1; \{6^6, 4^2, 3^8, 2^9\})$	1573056
12	$\mathcal{O}(1; \{6^6, 4^2, 3^{11}, 2^5\})$	12582720
12	$\mathcal{O}(1; \{6^6, 4^2, 3^{14}, 2\})$	100663488
12	$\mathcal{O}(1; \{6^6, 4^4, 3^2, 2^{14}\})$	99072
12	$\mathcal{O}(1; \{6^6, 4^4, 3^5, 2^{10}\})$	785664
12	$\mathcal{O}(1; \{6^6, 4^4, 3^8, 2^6\})$	6292224
12	$\mathcal{O}(1; \{6^6, 4^4, 3^{11}, 2^2\})$	50330880
12	$\mathcal{O}(1; \{6^6, 4^6, 3^2, 2^{11}\})$	396288
12	$\mathcal{O}(1; \{6^6, 4^6, 3^5, 2^7\})$	3142656
12	$\mathcal{O}(1; \{6^6, 4^6, 3^8, 2^3\})$	25168896
12	$\mathcal{O}(1; \{6^6, 4^8, 3^2, 2^8\})$	1585152

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^6, 4^8, 3^5, 2^4\})$	12570624
12	$\mathcal{O}(1; \{6^6, 4^8, 3^8\})$	100675584
12	$\mathcal{O}(1; \{6^6, 4^{10}, 3^2, 2^5\})$	6340608
12	$\mathcal{O}(1; \{6^6, 4^{10}, 3^5, 2\})$	50282496
12	$\mathcal{O}(1; \{6^6, 4^{12}, 3^2, 2^2\})$	25362432
12	$\mathcal{O}(1; \{6^7, 2^{21}\})$	4536
12	$\mathcal{O}(1; \{6^7, 3^3, 2^{17}\})$	36936
12	$\mathcal{O}(1; \{6^7, 3^6, 2^{13}\})$	294840
12	$\mathcal{O}(1; \{6^7, 3^9, 2^9\})$	2359368
12	$\mathcal{O}(1; \{6^7, 3^{12}, 2^5\})$	18874296
12	$\mathcal{O}(1; \{6^7, 3^{15}, 2\})$	150995016
12	$\mathcal{O}(1; \{6^7, 4^2, 2^{18}\})$	12096
12	$\mathcal{O}(1; \{6^7, 4^2, 3^3, 2^{14}\})$	98496
12	$\mathcal{O}(1; \{6^7, 4^2, 3^6, 2^{10}\})$	786240
12	$\mathcal{O}(1; \{6^7, 4^2, 3^9, 2^6\})$	6291648
12	$\mathcal{O}(1; \{6^7, 4^2, 3^{12}, 2^2\})$	50331456
12	$\mathcal{O}(1; \{6^7, 4^4, 2^{15}\})$	48384
12	$\mathcal{O}(1; \{6^7, 4^4, 3^3, 2^{11}\})$	393984
12	$\mathcal{O}(1; \{6^7, 4^4, 3^6, 2^7\})$	3144960
12	$\mathcal{O}(1; \{6^7, 4^4, 3^9, 2^3\})$	25166592
12	$\mathcal{O}(1; \{6^7, 4^6, 2^{12}\})$	193536
12	$\mathcal{O}(1; \{6^7, 4^6, 3^3, 2^8\})$	1575936
12	$\mathcal{O}(1; \{6^7, 4^6, 3^6, 2^4\})$	12579840
12	$\mathcal{O}(1; \{6^7, 4^6, 3^9\})$	100666368
12	$\mathcal{O}(1; \{6^7, 4^8, 2^9\})$	774144
12	$\mathcal{O}(1; \{6^7, 4^8, 3^3, 2^5\})$	6303744
12	$\mathcal{O}(1; \{6^7, 4^8, 3^6, 2\})$	50319360
12	$\mathcal{O}(1; \{6^7, 4^{10}, 2^6\})$	3096576
12	$\mathcal{O}(1; \{6^7, 4^{10}, 3^3, 2^2\})$	25214976
12	$\mathcal{O}(1; \{6^7, 4^{12}, 2^3\})$	12386304
12	$\mathcal{O}(1; \{6^7, 4^{14}\})$	49545216
12	$\mathcal{O}(1; \{6^8, 3, 2^{18}\})$	18360
12	$\mathcal{O}(1; \{6^8, 3^4, 2^{14}\})$	147528
12	$\mathcal{O}(1; \{6^8, 3^7, 2^{10}\})$	1179576
12	$\mathcal{O}(1; \{6^8, 3^{10}, 2^6\})$	9437256
12	$\mathcal{O}(1; \{6^8, 3^{13}, 2^2\})$	75497400
12	$\mathcal{O}(1; \{6^8, 4^2, 3, 2^{15}\})$	48960
12	$\mathcal{O}(1; \{6^8, 4^2, 3^4, 2^{11}\})$	393408
12	$\mathcal{O}(1; \{6^8, 4^2, 3^7, 2^7\})$	3145536
12	$\mathcal{O}(1; \{6^8, 4^2, 3^{10}, 2^3\})$	25166016
12	$\mathcal{O}(1; \{6^8, 4^4, 3, 2^{12}\})$	195840
12	$\mathcal{O}(1; \{6^8, 4^4, 3^4, 2^8\})$	1573632
12	$\mathcal{O}(1; \{6^8, 4^4, 3^7, 2^4\})$	12582144

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^8, 4^4, 3^{10}\})$	100664064
12	$\mathcal{O}(1; \{6^8, 4^6, 3, 2^9\})$	783360
12	$\mathcal{O}(1; \{6^8, 4^6, 3^4, 2^5\})$	6294528
12	$\mathcal{O}(1; \{6^8, 4^6, 3^7, 2\})$	50328576
12	$\mathcal{O}(1; \{6^8, 4^8, 3, 2^6\})$	3133440
12	$\mathcal{O}(1; \{6^8, 4^8, 3^4, 2^2\})$	25178112
12	$\mathcal{O}(1; \{6^8, 4^{10}, 3, 2^3\})$	12533760
12	$\mathcal{O}(1; \{6^8, 4^{12}, 3\})$	50135040
12	$\mathcal{O}(1; \{6^9, 3^2, 2^{15}\})$	73656
12	$\mathcal{O}(1; \{6^9, 3^5, 2^{11}\})$	589896
12	$\mathcal{O}(1; \{6^9, 3^8, 2^7\})$	4718520
12	$\mathcal{O}(1; \{6^9, 3^{11}, 2^3\})$	37748808
12	$\mathcal{O}(1; \{6^9, 4^2, 3^2, 2^{12}\})$	196416
12	$\mathcal{O}(1; \{6^9, 4^2, 3^5, 2^8\})$	1573056
12	$\mathcal{O}(1; \{6^9, 4^2, 3^8, 2^4\})$	12582720
12	$\mathcal{O}(1; \{6^9, 4^2, 3^{11}\})$	100663488
12	$\mathcal{O}(1; \{6^9, 4^4, 3^2, 2^9\})$	785664
12	$\mathcal{O}(1; \{6^9, 4^4, 3^5, 2^5\})$	6292224
12	$\mathcal{O}(1; \{6^9, 4^4, 3^8, 2\})$	50330880
12	$\mathcal{O}(1; \{6^9, 4^6, 3^2, 2^6\})$	3142656
12	$\mathcal{O}(1; \{6^9, 4^6, 3^5, 2^2\})$	25168896
12	$\mathcal{O}(1; \{6^9, 4^8, 3^2, 2^3\})$	12570624
12	$\mathcal{O}(1; \{6^9, 4^{10}, 3^2\})$	50282496
12	$\mathcal{O}(1; \{6^{10}, 2^{16}\})$	36936
12	$\mathcal{O}(1; \{6^{10}, 3^3, 2^{12}\})$	294840
12	$\mathcal{O}(1; \{6^{10}, 3^6, 2^8\})$	2359368
12	$\mathcal{O}(1; \{6^{10}, 3^9, 2^4\})$	18874296
12	$\mathcal{O}(1; \{6^{10}, 3^{12}\})$	150995016
12	$\mathcal{O}(1; \{6^{10}, 4^2, 2^{13}\})$	98496
12	$\mathcal{O}(1; \{6^{10}, 4^2, 3^3, 2^9\})$	786240
12	$\mathcal{O}(1; \{6^{10}, 4^2, 3^6, 2^5\})$	6291648
12	$\mathcal{O}(1; \{6^{10}, 4^2, 3^9, 2\})$	50331456
12	$\mathcal{O}(1; \{6^{10}, 4^4, 2^{10}\})$	393984
12	$\mathcal{O}(1; \{6^{10}, 4^4, 3^3, 2^6\})$	3144960
12	$\mathcal{O}(1; \{6^{10}, 4^4, 3^6, 2^2\})$	25166592
12	$\mathcal{O}(1; \{6^{10}, 4^6, 2^7\})$	1575936
12	$\mathcal{O}(1; \{6^{10}, 4^6, 3^3, 2^3\})$	12579840
12	$\mathcal{O}(1; \{6^{10}, 4^8, 2^4\})$	6303744
12	$\mathcal{O}(1; \{6^{10}, 4^8, 3^3\})$	50319360
12	$\mathcal{O}(1; \{6^{10}, 4^{10}, 2\})$	25214976
12	$\mathcal{O}(1; \{6^{11}, 3, 2^{13}\})$	147528
12	$\mathcal{O}(1; \{6^{11}, 3^4, 2^9\})$	1179576
12	$\mathcal{O}(1; \{6^{11}, 3^7, 2^5\})$	9437256

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^{11}, 3^{10}, 2\})$	75497400
12	$\mathcal{O}(1; \{6^{11}, 4^2, 3, 2^{10}\})$	393408
12	$\mathcal{O}(1; \{6^{11}, 4^2, 3^4, 2^6\})$	3145536
12	$\mathcal{O}(1; \{6^{11}, 4^2, 3^7, 2^2\})$	25166016
12	$\mathcal{O}(1; \{6^{11}, 4^4, 3, 2^7\})$	1573632
12	$\mathcal{O}(1; \{6^{11}, 4^4, 3^4, 2^3\})$	12582144
12	$\mathcal{O}(1; \{6^{11}, 4^6, 3, 2^4\})$	6294528
12	$\mathcal{O}(1; \{6^{11}, 4^6, 3^4\})$	50328576
12	$\mathcal{O}(1; \{6^{11}, 4^8, 3, 2\})$	25178112
12	$\mathcal{O}(1; \{6^{12}, 3^2, 2^{10}\})$	589896
12	$\mathcal{O}(1; \{6^{12}, 3^5, 2^6\})$	4718520
12	$\mathcal{O}(1; \{6^{12}, 3^8, 2^2\})$	37748808
12	$\mathcal{O}(1; \{6^{12}, 4^2, 3^2, 2^7\})$	1573056
12	$\mathcal{O}(1; \{6^{12}, 4^2, 3^5, 2^3\})$	12582720
12	$\mathcal{O}(1; \{6^{12}, 4^4, 3^2, 2^4\})$	6292224
12	$\mathcal{O}(1; \{6^{12}, 4^4, 3^5\})$	50330880
12	$\mathcal{O}(1; \{6^{12}, 4^6, 3^2, 2\})$	25168896
12	$\mathcal{O}(1; \{6^{13}, 2^{11}\})$	294840
12	$\mathcal{O}(1; \{6^{13}, 3^3, 2^7\})$	2359368
12	$\mathcal{O}(1; \{6^{13}, 3^6, 2^3\})$	18874296
12	$\mathcal{O}(1; \{6^{13}, 4^2, 2^8\})$	786240
12	$\mathcal{O}(1; \{6^{13}, 4^2, 3^3, 2^4\})$	6291648
12	$\mathcal{O}(1; \{6^{13}, 4^2, 3^6\})$	50331456
12	$\mathcal{O}(1; \{6^{13}, 4^4, 2^5\})$	3144960
12	$\mathcal{O}(1; \{6^{13}, 4^4, 3^3, 2\})$	25166592
12	$\mathcal{O}(1; \{6^{13}, 4^6, 2^2\})$	12579840
12	$\mathcal{O}(1; \{6^{14}, 3, 2^8\})$	1179576
12	$\mathcal{O}(1; \{6^{14}, 3^4, 2^4\})$	9437256
12	$\mathcal{O}(1; \{6^{14}, 3^7\})$	75497400
12	$\mathcal{O}(1; \{6^{14}, 4^2, 3, 2^5\})$	3145536
12	$\mathcal{O}(1; \{6^{14}, 4^2, 3^4, 2\})$	25166016
12	$\mathcal{O}(1; \{6^{14}, 4^4, 3, 2^2\})$	12582144
12	$\mathcal{O}(1; \{6^{15}, 3^2, 2^5\})$	4718520
12	$\mathcal{O}(1; \{6^{15}, 3^5, 2\})$	37748808
12	$\mathcal{O}(1; \{6^{15}, 4^2, 3^2, 2^2\})$	12582720
12	$\mathcal{O}(1; \{6^{16}, 2^6\})$	2359368
12	$\mathcal{O}(1; \{6^{16}, 3^3, 2^2\})$	18874296
12	$\mathcal{O}(1; \{6^{16}, 4^2, 2^3\})$	6291648
12	$\mathcal{O}(1; \{6^{16}, 4^4\})$	25166592
12	$\mathcal{O}(1; \{6^{17}, 3, 2^3\})$	9437256
12	$\mathcal{O}(1; \{6^{17}, 4^2, 3\})$	25166016
12	$\mathcal{O}(1; \{6^{18}, 3^2\})$	37748808
12	$\mathcal{O}(1; \{6^{19}, 2\})$	18874296

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 4, 3, 2^{28}\})$	576
12	$\mathcal{O}(1; \{12, 4, 3^4, 2^{24}\})$	2880
12	$\mathcal{O}(1; \{12, 4, 3^7, 2^{20}\})$	24768
12	$\mathcal{O}(1; \{12, 4, 3^{10}, 2^{16}\})$	196416
12	$\mathcal{O}(1; \{12, 4, 3^{13}, 2^{12}\})$	1573056
12	$\mathcal{O}(1; \{12, 4, 3^{16}, 2^8\})$	12582720
12	$\mathcal{O}(1; \{12, 4, 3^{19}, 2^4\})$	100663488
12	$\mathcal{O}(1; \{12, 4, 3^{22}\})$	805306176
12	$\mathcal{O}(1; \{12, 4^3, 3, 2^{25}\})$	2304
12	$\mathcal{O}(1; \{12, 4^3, 3^4, 2^{21}\})$	11520
12	$\mathcal{O}(1; \{12, 4^3, 3^7, 2^{17}\})$	99072
12	$\mathcal{O}(1; \{12, 4^3, 3^{10}, 2^{13}\})$	785664
12	$\mathcal{O}(1; \{12, 4^3, 3^{13}, 2^9\})$	6292224
12	$\mathcal{O}(1; \{12, 4^3, 3^{16}, 2^5\})$	50330880
12	$\mathcal{O}(1; \{12, 4^3, 3^{19}, 2\})$	402653952
12	$\mathcal{O}(1; \{12, 4^5, 3, 2^{22}\})$	9216
12	$\mathcal{O}(1; \{12, 4^5, 3^4, 2^{18}\})$	46080
12	$\mathcal{O}(1; \{12, 4^5, 3^7, 2^{14}\})$	396288
12	$\mathcal{O}(1; \{12, 4^5, 3^{10}, 2^{10}\})$	3142656
12	$\mathcal{O}(1; \{12, 4^5, 3^{13}, 2^6\})$	25168896
12	$\mathcal{O}(1; \{12, 4^5, 3^{16}, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12, 4^7, 3, 2^{19}\})$	36864
12	$\mathcal{O}(1; \{12, 4^7, 3^4, 2^{15}\})$	184320
12	$\mathcal{O}(1; \{12, 4^7, 3^7, 2^{11}\})$	1585152
12	$\mathcal{O}(1; \{12, 4^7, 3^{10}, 2^7\})$	12570624
12	$\mathcal{O}(1; \{12, 4^7, 3^{13}, 2^3\})$	100675584
12	$\mathcal{O}(1; \{12, 4^9, 3, 2^{16}\})$	147456
12	$\mathcal{O}(1; \{12, 4^9, 3^4, 2^{12}\})$	737280
12	$\mathcal{O}(1; \{12, 4^9, 3^7, 2^8\})$	6340608
12	$\mathcal{O}(1; \{12, 4^9, 3^{10}, 2^4\})$	50282496
12	$\mathcal{O}(1; \{12, 4^9, 3^{13}\})$	402702336
12	$\mathcal{O}(1; \{12, 4^{11}, 3, 2^{13}\})$	589824
12	$\mathcal{O}(1; \{12, 4^{11}, 3^4, 2^9\})$	2949120
12	$\mathcal{O}(1; \{12, 4^{11}, 3^7, 2^5\})$	25362432
12	$\mathcal{O}(1; \{12, 4^{11}, 3^{10}, 2\})$	201129984
12	$\mathcal{O}(1; \{12, 4^{13}, 3, 2^{10}\})$	2359296
12	$\mathcal{O}(1; \{12, 4^{13}, 3^4, 2^6\})$	11796480
12	$\mathcal{O}(1; \{12, 4^{13}, 3^7, 2^2\})$	101449728
12	$\mathcal{O}(1; \{12, 4^{15}, 3, 2^7\})$	9437184
12	$\mathcal{O}(1; \{12, 4^{15}, 3^4, 2^3\})$	47185920
12	$\mathcal{O}(1; \{12, 4^{17}, 3, 2^4\})$	37748736
12	$\mathcal{O}(1; \{12, 4^{17}, 3^4\})$	188743680
12	$\mathcal{O}(1; \{12, 4^{19}, 3, 2\})$	150994944

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6, 4, 3^2, 2^{25}\})$	1728
12	$\mathcal{O}(1; \{12, 6, 4, 3^5, 2^{21}\})$	12096
12	$\mathcal{O}(1; \{12, 6, 4, 3^8, 2^{17}\})$	98496
12	$\mathcal{O}(1; \{12, 6, 4, 3^{11}, 2^{13}\})$	786240
12	$\mathcal{O}(1; \{12, 6, 4, 3^{14}, 2^9\})$	6291648
12	$\mathcal{O}(1; \{12, 6, 4, 3^{17}, 2^5\})$	50331456
12	$\mathcal{O}(1; \{12, 6, 4, 3^{20}, 2\})$	402653376
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^2, 2^{22}\})$	6912
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^5, 2^{18}\})$	48384
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^8, 2^{14}\})$	393984
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^{11}, 2^{10}\})$	3144960
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^{14}, 2^6\})$	25166592
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^{17}, 2^2\})$	201325824
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^2, 2^{19}\})$	27648
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^5, 2^{15}\})$	193536
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^8, 2^{11}\})$	1575936
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^{11}, 2^7\})$	12579840
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^{14}, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^2, 2^{16}\})$	110592
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^5, 2^{12}\})$	774144
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^8, 2^8\})$	6303744
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^{11}, 2^4\})$	50319360
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^{14}\})$	402665472
12	$\mathcal{O}(1; \{12, 6, 4^9, 3^2, 2^{13}\})$	442368
12	$\mathcal{O}(1; \{12, 6, 4^9, 3^5, 2^9\})$	3096576
12	$\mathcal{O}(1; \{12, 6, 4^9, 3^8, 2^5\})$	25214976
12	$\mathcal{O}(1; \{12, 6, 4^9, 3^{11}, 2\})$	201277440
12	$\mathcal{O}(1; \{12, 6, 4^{11}, 3^2, 2^{10}\})$	1769472
12	$\mathcal{O}(1; \{12, 6, 4^{11}, 3^5, 2^6\})$	12386304
12	$\mathcal{O}(1; \{12, 6, 4^{11}, 3^8, 2^2\})$	100859904
12	$\mathcal{O}(1; \{12, 6, 4^{13}, 3^2, 2^7\})$	7077888
12	$\mathcal{O}(1; \{12, 6, 4^{13}, 3^5, 2^3\})$	49545216
12	$\mathcal{O}(1; \{12, 6, 4^{15}, 3^2, 2^4\})$	28311552
12	$\mathcal{O}(1; \{12, 6, 4^{15}, 3^5\})$	198180864
12	$\mathcal{O}(1; \{12, 6, 4^{17}, 3^2, 2\})$	113246208
12	$\mathcal{O}(1; \{12, 6^2, 4, 2^{26}\})$	576
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^3, 2^{22}\})$	6336
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^6, 2^{18}\})$	48960
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^9, 2^{14}\})$	393408
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^{12}, 2^{10}\})$	3145536
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^{15}, 2^6\})$	25166016
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^{18}, 2^2\})$	201326400
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 2^{23}\})$	2304

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^3, 2^{19}\})$	25344
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^6, 2^{15}\})$	195840
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^9, 2^{11}\})$	1573632
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^{12}, 2^7\})$	12582144
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^{15}, 2^3\})$	100664064
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 2^{20}\})$	9216
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^3, 2^{16}\})$	101376
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^6, 2^{12}\})$	783360
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^9, 2^8\})$	6294528
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^{12}, 2^4\})$	50328576
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^{15}\})$	402656256
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 2^{17}\})$	36864
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^3, 2^{13}\})$	405504
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^6, 2^9\})$	3133440
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^9, 2^5\})$	25178112
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^{12}, 2\})$	201314304
12	$\mathcal{O}(1; \{12, 6^2, 4^9, 2^{14}\})$	147456
12	$\mathcal{O}(1; \{12, 6^2, 4^9, 3^3, 2^{10}\})$	1622016
12	$\mathcal{O}(1; \{12, 6^2, 4^9, 3^6, 2^6\})$	12533760
12	$\mathcal{O}(1; \{12, 6^2, 4^9, 3^9, 2^2\})$	100712448
12	$\mathcal{O}(1; \{12, 6^2, 4^{11}, 2^{11}\})$	589824
12	$\mathcal{O}(1; \{12, 6^2, 4^{11}, 3^3, 2^7\})$	6488064
12	$\mathcal{O}(1; \{12, 6^2, 4^{11}, 3^6, 2^3\})$	50135040
12	$\mathcal{O}(1; \{12, 6^2, 4^{13}, 2^8\})$	2359296
12	$\mathcal{O}(1; \{12, 6^2, 4^{13}, 3^3, 2^4\})$	25952256
12	$\mathcal{O}(1; \{12, 6^2, 4^{13}, 3^6\})$	200540160
12	$\mathcal{O}(1; \{12, 6^2, 4^{15}, 2^5\})$	9437184
12	$\mathcal{O}(1; \{12, 6^2, 4^{15}, 3^3, 2\})$	103809024
12	$\mathcal{O}(1; \{12, 6^2, 4^{17}, 2\})$	37748736
12	$\mathcal{O}(1; \{12, 6^3, 4, 3, 2^{23}\})$	2880
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^4, 2^{19}\})$	24768
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^7, 2^{15}\})$	196416
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^{10}, 2^{11}\})$	1573056
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^{13}, 2^7\})$	12582720
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^{16}, 2^3\})$	100663488
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3, 2^{20}\})$	11520
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^4, 2^{16}\})$	99072
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^7, 2^{12}\})$	785664
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^{10}, 2^8\})$	6292224
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^{13}, 2^4\})$	50330880
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^{16}\})$	402653952
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3, 2^{17}\})$	46080
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^4, 2^{13}\})$	396288

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^7, 2^9\})$	3142656
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^{10}, 2^5\})$	25168896
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^{13}, 2\})$	201323520
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 3, 2^{14}\})$	184320
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 3^4, 2^{10}\})$	1585152
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 3^7, 2^6\})$	12570624
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 3^{10}, 2^2\})$	100675584
12	$\mathcal{O}(1; \{12, 6^3, 4^9, 3, 2^{11}\})$	737280
12	$\mathcal{O}(1; \{12, 6^3, 4^9, 3^4, 2^7\})$	6340608
12	$\mathcal{O}(1; \{12, 6^3, 4^9, 3^7, 2^3\})$	50282496
12	$\mathcal{O}(1; \{12, 6^3, 4^{11}, 3, 2^8\})$	2949120
12	$\mathcal{O}(1; \{12, 6^3, 4^{11}, 3^4, 2^4\})$	25362432
12	$\mathcal{O}(1; \{12, 6^3, 4^{11}, 3^7\})$	201129984
12	$\mathcal{O}(1; \{12, 6^3, 4^{13}, 3, 2^5\})$	11796480
12	$\mathcal{O}(1; \{12, 6^3, 4^{13}, 3^4, 2\})$	101449728
12	$\mathcal{O}(1; \{12, 6^3, 4^{15}, 3, 2^2\})$	47185920
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^2, 2^{20}\})$	12096
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^5, 2^{16}\})$	98496
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^8, 2^{12}\})$	786240
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^{11}, 2^8\})$	6291648
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^{14}, 2^4\})$	50331456
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^{17}\})$	402653376
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^2, 2^{17}\})$	48384
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^5, 2^{13}\})$	393984
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^8, 2^9\})$	3144960
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^{11}, 2^5\})$	25166592
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^{14}, 2\})$	201325824
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3^2, 2^{14}\})$	193536
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3^5, 2^{10}\})$	1575936
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3^8, 2^6\})$	12579840
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3^{11}, 2^2\})$	100666368
12	$\mathcal{O}(1; \{12, 6^4, 4^7, 3^2, 2^{11}\})$	774144
12	$\mathcal{O}(1; \{12, 6^4, 4^7, 3^5, 2^7\})$	6303744
12	$\mathcal{O}(1; \{12, 6^4, 4^7, 3^8, 2^3\})$	50319360
12	$\mathcal{O}(1; \{12, 6^4, 4^9, 3^2, 2^8\})$	3096576
12	$\mathcal{O}(1; \{12, 6^4, 4^9, 3^5, 2^4\})$	25214976
12	$\mathcal{O}(1; \{12, 6^4, 4^9, 3^8\})$	201277440
12	$\mathcal{O}(1; \{12, 6^4, 4^{11}, 3^2, 2^5\})$	12386304
12	$\mathcal{O}(1; \{12, 6^4, 4^{11}, 3^5, 2\})$	100859904
12	$\mathcal{O}(1; \{12, 6^4, 4^{13}, 3^2, 2^2\})$	49545216
12	$\mathcal{O}(1; \{12, 6^5, 4, 2^{21}\})$	6336
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^3, 2^{17}\})$	48960
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^6, 2^{13}\})$	393408

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^9, 2^9\})$	3145536
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^{12}, 2^5\})$	25166016
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^{15}, 2\})$	201326400
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 2^{18}\})$	25344
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^3, 2^{14}\})$	195840
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^6, 2^{10}\})$	1573632
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^9, 2^6\})$	12582144
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^{12}, 2^2\})$	100664064
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 2^{15}\})$	101376
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 3^3, 2^{11}\})$	783360
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 3^6, 2^7\})$	6294528
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 3^9, 2^3\})$	50328576
12	$\mathcal{O}(1; \{12, 6^5, 4^7, 2^{12}\})$	405504
12	$\mathcal{O}(1; \{12, 6^5, 4^7, 3^3, 2^8\})$	3133440
12	$\mathcal{O}(1; \{12, 6^5, 4^7, 3^6, 2^4\})$	25178112
12	$\mathcal{O}(1; \{12, 6^5, 4^7, 3^9\})$	201314304
12	$\mathcal{O}(1; \{12, 6^5, 4^9, 2^9\})$	1622016
12	$\mathcal{O}(1; \{12, 6^5, 4^9, 3^3, 2^5\})$	12533760
12	$\mathcal{O}(1; \{12, 6^5, 4^9, 3^6, 2\})$	100712448
12	$\mathcal{O}(1; \{12, 6^5, 4^{11}, 2^6\})$	6488064
12	$\mathcal{O}(1; \{12, 6^5, 4^{11}, 3^3, 2^2\})$	50135040
12	$\mathcal{O}(1; \{12, 6^5, 4^{13}, 2^3\})$	25952256
12	$\mathcal{O}(1; \{12, 6^5, 4^{15}\})$	103809024
12	$\mathcal{O}(1; \{12, 6^6, 4, 3, 2^{18}\})$	24768
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^4, 2^{14}\})$	196416
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^7, 2^{10}\})$	1573056
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^{10}, 2^6\})$	12582720
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^{13}, 2^2\})$	100663488
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3, 2^{15}\})$	99072
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3^4, 2^{11}\})$	785664
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3^7, 2^7\})$	6292224
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3^{10}, 2^3\})$	50330880
12	$\mathcal{O}(1; \{12, 6^6, 4^5, 3, 2^{12}\})$	396288
12	$\mathcal{O}(1; \{12, 6^6, 4^5, 3^4, 2^8\})$	3142656
12	$\mathcal{O}(1; \{12, 6^6, 4^5, 3^7, 2^4\})$	25168896
12	$\mathcal{O}(1; \{12, 6^6, 4^5, 3^{10}\})$	201323520
12	$\mathcal{O}(1; \{12, 6^6, 4^7, 3, 2^9\})$	1585152
12	$\mathcal{O}(1; \{12, 6^6, 4^7, 3^4, 2^5\})$	12570624
12	$\mathcal{O}(1; \{12, 6^6, 4^7, 3^7, 2\})$	100675584
12	$\mathcal{O}(1; \{12, 6^6, 4^9, 3, 2^6\})$	6340608
12	$\mathcal{O}(1; \{12, 6^6, 4^9, 3^4, 2^2\})$	50282496
12	$\mathcal{O}(1; \{12, 6^6, 4^{11}, 3, 2^3\})$	25362432
12	$\mathcal{O}(1; \{12, 6^6, 4^{13}, 3\})$	101449728

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^2, 2^{15}\})$	98496
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^5, 2^{11}\})$	786240
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^8, 2^7\})$	6291648
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^{11}, 2^3\})$	50331456
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 3^2, 2^{12}\})$	393984
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 3^5, 2^8\})$	3144960
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 3^8, 2^4\})$	25166592
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 3^{11}\})$	201325824
12	$\mathcal{O}(1; \{12, 6^7, 4^5, 3^2, 2^9\})$	1575936
12	$\mathcal{O}(1; \{12, 6^7, 4^5, 3^5, 2^5\})$	12579840
12	$\mathcal{O}(1; \{12, 6^7, 4^5, 3^8, 2\})$	100666368
12	$\mathcal{O}(1; \{12, 6^7, 4^7, 3^2, 2^6\})$	6303744
12	$\mathcal{O}(1; \{12, 6^7, 4^7, 3^5, 2^2\})$	50319360
12	$\mathcal{O}(1; \{12, 6^7, 4^9, 3^2, 2^3\})$	25214976
12	$\mathcal{O}(1; \{12, 6^7, 4^{11}, 3^2\})$	100859904
12	$\mathcal{O}(1; \{12, 6^8, 4, 2^{16}\})$	48960
12	$\mathcal{O}(1; \{12, 6^8, 4, 3^3, 2^{12}\})$	393408
12	$\mathcal{O}(1; \{12, 6^8, 4, 3^6, 2^8\})$	3145536
12	$\mathcal{O}(1; \{12, 6^8, 4, 3^9, 2^4\})$	25166016
12	$\mathcal{O}(1; \{12, 6^8, 4, 3^{12}\})$	201326400
12	$\mathcal{O}(1; \{12, 6^8, 4^3, 2^{13}\})$	195840
12	$\mathcal{O}(1; \{12, 6^8, 4^3, 3^3, 2^9\})$	1573632
12	$\mathcal{O}(1; \{12, 6^8, 4^3, 3^6, 2^5\})$	12582144
12	$\mathcal{O}(1; \{12, 6^8, 4^3, 3^9, 2\})$	100664064
12	$\mathcal{O}(1; \{12, 6^8, 4^5, 2^{10}\})$	783360
12	$\mathcal{O}(1; \{12, 6^8, 4^5, 3^3, 2^6\})$	6294528
12	$\mathcal{O}(1; \{12, 6^8, 4^5, 3^6, 2^2\})$	50328576
12	$\mathcal{O}(1; \{12, 6^8, 4^7, 2^7\})$	3133440
12	$\mathcal{O}(1; \{12, 6^8, 4^7, 3^3, 2^3\})$	25178112
12	$\mathcal{O}(1; \{12, 6^8, 4^9, 2^4\})$	12533760
12	$\mathcal{O}(1; \{12, 6^8, 4^9, 3^3\})$	100712448
12	$\mathcal{O}(1; \{12, 6^8, 4^{11}, 2\})$	50135040
12	$\mathcal{O}(1; \{12, 6^9, 4, 3, 2^{13}\})$	196416
12	$\mathcal{O}(1; \{12, 6^9, 4, 3^4, 2^9\})$	1573056
12	$\mathcal{O}(1; \{12, 6^9, 4, 3^7, 2^5\})$	12582720
12	$\mathcal{O}(1; \{12, 6^9, 4, 3^{10}, 2\})$	100663488
12	$\mathcal{O}(1; \{12, 6^9, 4^3, 3, 2^{10}\})$	785664
12	$\mathcal{O}(1; \{12, 6^9, 4^3, 3^4, 2^6\})$	6292224
12	$\mathcal{O}(1; \{12, 6^9, 4^3, 3^7, 2^2\})$	50330880
12	$\mathcal{O}(1; \{12, 6^9, 4^5, 3, 2^7\})$	3142656
12	$\mathcal{O}(1; \{12, 6^9, 4^5, 3^4, 2^3\})$	25168896
12	$\mathcal{O}(1; \{12, 6^9, 4^7, 3, 2^4\})$	12570624
12	$\mathcal{O}(1; \{12, 6^9, 4^7, 3^4\})$	100675584

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^9, 4^9, 3, 2\})$	50282496
12	$\mathcal{O}(1; \{12, 6^{10}, 4, 3^2, 2^{10}\})$	786240
12	$\mathcal{O}(1; \{12, 6^{10}, 4, 3^5, 2^6\})$	6291648
12	$\mathcal{O}(1; \{12, 6^{10}, 4, 3^8, 2^2\})$	50331456
12	$\mathcal{O}(1; \{12, 6^{10}, 4^3, 3^2, 2^7\})$	3144960
12	$\mathcal{O}(1; \{12, 6^{10}, 4^3, 3^5, 2^3\})$	25166592
12	$\mathcal{O}(1; \{12, 6^{10}, 4^5, 3^2, 2^4\})$	12579840
12	$\mathcal{O}(1; \{12, 6^{10}, 4^5, 3^5\})$	100666368
12	$\mathcal{O}(1; \{12, 6^{10}, 4^7, 3^2, 2\})$	50319360
12	$\mathcal{O}(1; \{12, 6^{11}, 4, 2^{11}\})$	393408
12	$\mathcal{O}(1; \{12, 6^{11}, 4, 3^3, 2^7\})$	3145536
12	$\mathcal{O}(1; \{12, 6^{11}, 4, 3^6, 2^3\})$	25166016
12	$\mathcal{O}(1; \{12, 6^{11}, 4^3, 2^8\})$	1573632
12	$\mathcal{O}(1; \{12, 6^{11}, 4^3, 3^3, 2^4\})$	12582144
12	$\mathcal{O}(1; \{12, 6^{11}, 4^3, 3^6\})$	100664064
12	$\mathcal{O}(1; \{12, 6^{11}, 4^5, 2^5\})$	6294528
12	$\mathcal{O}(1; \{12, 6^{11}, 4^5, 3^3, 2\})$	50328576
12	$\mathcal{O}(1; \{12, 6^{11}, 4^7, 2^2\})$	25178112
12	$\mathcal{O}(1; \{12, 6^{12}, 4, 3, 2^8\})$	1573056
12	$\mathcal{O}(1; \{12, 6^{12}, 4, 3^4, 2^4\})$	12582720
12	$\mathcal{O}(1; \{12, 6^{12}, 4, 3^7\})$	100663488
12	$\mathcal{O}(1; \{12, 6^{12}, 4^3, 3, 2^5\})$	6292224
12	$\mathcal{O}(1; \{12, 6^{12}, 4^3, 3^4, 2\})$	50330880
12	$\mathcal{O}(1; \{12, 6^{12}, 4^5, 3, 2^2\})$	25168896
12	$\mathcal{O}(1; \{12, 6^{13}, 4, 3^2, 2^5\})$	6291648
12	$\mathcal{O}(1; \{12, 6^{13}, 4, 3^5, 2\})$	50331456
12	$\mathcal{O}(1; \{12, 6^{13}, 4^3, 3^2, 2^2\})$	25166592
12	$\mathcal{O}(1; \{12, 6^{14}, 4, 2^6\})$	3145536
12	$\mathcal{O}(1; \{12, 6^{14}, 4, 3^3, 2^2\})$	25166016
12	$\mathcal{O}(1; \{12, 6^{14}, 4^3, 2^3\})$	12582144
12	$\mathcal{O}(1; \{12, 6^{14}, 4^5\})$	50328576
12	$\mathcal{O}(1; \{12, 6^{15}, 4, 3, 2^3\})$	12582720
12	$\mathcal{O}(1; \{12, 6^{15}, 4^3, 3\})$	50330880
12	$\mathcal{O}(1; \{12, 6^{16}, 4, 3^2\})$	50331456
12	$\mathcal{O}(1; \{12, 6^{17}, 4, 2\})$	25166016
12	$\mathcal{O}(1; \{12^2, 2^{29}\})$	576
12	$\mathcal{O}(1; \{12^2, 3^3, 2^{25}\})$	2880
12	$\mathcal{O}(1; \{12^2, 3^6, 2^{21}\})$	24768
12	$\mathcal{O}(1; \{12^2, 3^9, 2^{17}\})$	196416
12	$\mathcal{O}(1; \{12^2, 3^{12}, 2^{13}\})$	1573056
12	$\mathcal{O}(1; \{12^2, 3^{15}, 2^9\})$	12582720
12	$\mathcal{O}(1; \{12^2, 3^{18}, 2^5\})$	100663488
12	$\mathcal{O}(1; \{12^2, 3^{21}, 2\})$	805306176

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 4^2, 2^{26}\})$	2304
12	$\mathcal{O}(1; \{12^2, 4^2, 3^3, 2^{22}\})$	11520
12	$\mathcal{O}(1; \{12^2, 4^2, 3^6, 2^{18}\})$	99072
12	$\mathcal{O}(1; \{12^2, 4^2, 3^9, 2^{14}\})$	785664
12	$\mathcal{O}(1; \{12^2, 4^2, 3^{12}, 2^{10}\})$	6292224
12	$\mathcal{O}(1; \{12^2, 4^2, 3^{15}, 2^6\})$	50330880
12	$\mathcal{O}(1; \{12^2, 4^2, 3^{18}, 2^2\})$	402653952
12	$\mathcal{O}(1; \{12^2, 4^4, 2^{23}\})$	9216
12	$\mathcal{O}(1; \{12^2, 4^4, 3^3, 2^{19}\})$	46080
12	$\mathcal{O}(1; \{12^2, 4^4, 3^6, 2^{15}\})$	396288
12	$\mathcal{O}(1; \{12^2, 4^4, 3^9, 2^{11}\})$	3142656
12	$\mathcal{O}(1; \{12^2, 4^4, 3^{12}, 2^7\})$	25168896
12	$\mathcal{O}(1; \{12^2, 4^4, 3^{15}, 2^3\})$	201323520
12	$\mathcal{O}(1; \{12^2, 4^6, 2^{20}\})$	36864
12	$\mathcal{O}(1; \{12^2, 4^6, 3^3, 2^{16}\})$	184320
12	$\mathcal{O}(1; \{12^2, 4^6, 3^6, 2^{12}\})$	1585152
12	$\mathcal{O}(1; \{12^2, 4^6, 3^9, 2^8\})$	12570624
12	$\mathcal{O}(1; \{12^2, 4^6, 3^{12}, 2^4\})$	100675584
12	$\mathcal{O}(1; \{12^2, 4^6, 3^{15}\})$	805294080
12	$\mathcal{O}(1; \{12^2, 4^8, 2^{17}\})$	147456
12	$\mathcal{O}(1; \{12^2, 4^8, 3^3, 2^{13}\})$	737280
12	$\mathcal{O}(1; \{12^2, 4^8, 3^6, 2^9\})$	6340608
12	$\mathcal{O}(1; \{12^2, 4^8, 3^9, 2^5\})$	50282496
12	$\mathcal{O}(1; \{12^2, 4^8, 3^{12}, 2\})$	402702336
12	$\mathcal{O}(1; \{12^2, 4^{10}, 2^{14}\})$	589824
12	$\mathcal{O}(1; \{12^2, 4^{10}, 3^3, 2^{10}\})$	2949120
12	$\mathcal{O}(1; \{12^2, 4^{10}, 3^6, 2^6\})$	25362432
12	$\mathcal{O}(1; \{12^2, 4^{10}, 3^9, 2^2\})$	201129984
12	$\mathcal{O}(1; \{12^2, 4^{12}, 2^{11}\})$	2359296
12	$\mathcal{O}(1; \{12^2, 4^{12}, 3^3, 2^7\})$	11796480
12	$\mathcal{O}(1; \{12^2, 4^{12}, 3^6, 2^3\})$	101449728
12	$\mathcal{O}(1; \{12^2, 4^{14}, 2^8\})$	9437184
12	$\mathcal{O}(1; \{12^2, 4^{14}, 3^3, 2^4\})$	47185920
12	$\mathcal{O}(1; \{12^2, 4^{14}, 3^6\})$	405798912
12	$\mathcal{O}(1; \{12^2, 4^{16}, 2^5\})$	37748736
12	$\mathcal{O}(1; \{12^2, 4^{16}, 3^3, 2\})$	188743680
12	$\mathcal{O}(1; \{12^2, 4^{18}, 2^2\})$	150994944
12	$\mathcal{O}(1; \{12^2, 6, 3, 2^{26}\})$	1728
12	$\mathcal{O}(1; \{12^2, 6, 3^4, 2^{22}\})$	12096
12	$\mathcal{O}(1; \{12^2, 6, 3^7, 2^{18}\})$	98496
12	$\mathcal{O}(1; \{12^2, 6, 3^{10}, 2^{14}\})$	786240
12	$\mathcal{O}(1; \{12^2, 6, 3^{13}, 2^{10}\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6, 3^{16}, 2^6\})$	50331456

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6, 3^{19}, 2^2\})$	402653376
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3, 2^{23}\})$	6912
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^4, 2^{19}\})$	48384
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^7, 2^{15}\})$	393984
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^{10}, 2^{11}\})$	3144960
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^{13}, 2^7\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^{16}, 2^3\})$	201325824
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3, 2^{20}\})$	27648
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^4, 2^{16}\})$	193536
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^7, 2^{12}\})$	1575936
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^{10}, 2^8\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^{13}, 2^4\})$	100666368
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^{16}\})$	805303296
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3, 2^{17}\})$	110592
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^4, 2^{13}\})$	774144
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^7, 2^9\})$	6303744
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^{10}, 2^5\})$	50319360
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^{13}, 2\})$	402665472
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 3, 2^{14}\})$	442368
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 3^4, 2^{10}\})$	3096576
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 3^7, 2^6\})$	25214976
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 3^{10}, 2^2\})$	201277440
12	$\mathcal{O}(1; \{12^2, 6, 4^{10}, 3, 2^{11}\})$	1769472
12	$\mathcal{O}(1; \{12^2, 6, 4^{10}, 3^4, 2^7\})$	12386304
12	$\mathcal{O}(1; \{12^2, 6, 4^{10}, 3^7, 2^3\})$	100859904
12	$\mathcal{O}(1; \{12^2, 6, 4^{12}, 3, 2^8\})$	7077888
12	$\mathcal{O}(1; \{12^2, 6, 4^{12}, 3^4, 2^4\})$	49545216
12	$\mathcal{O}(1; \{12^2, 6, 4^{12}, 3^7\})$	403439616
12	$\mathcal{O}(1; \{12^2, 6, 4^{14}, 3, 2^5\})$	28311552
12	$\mathcal{O}(1; \{12^2, 6, 4^{14}, 3^4, 2\})$	198180864
12	$\mathcal{O}(1; \{12^2, 6, 4^{16}, 3, 2^2\})$	113246208
12	$\mathcal{O}(1; \{12^2, 6^2, 3^2, 2^{23}\})$	6336
12	$\mathcal{O}(1; \{12^2, 6^2, 3^5, 2^{19}\})$	48960
12	$\mathcal{O}(1; \{12^2, 6^2, 3^8, 2^{15}\})$	393408
12	$\mathcal{O}(1; \{12^2, 6^2, 3^{11}, 2^{11}\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^2, 3^{14}, 2^7\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^2, 3^{17}, 2^3\})$	201326400
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^2, 2^{20}\})$	25344
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^5, 2^{16}\})$	195840
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^8, 2^{12}\})$	1573632
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^{11}, 2^8\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^{14}, 2^4\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^{17}\})$	805305600

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^2, 2^{17}\})$	101376
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^5, 2^{13}\})$	783360
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^8, 2^9\})$	6294528
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^{11}, 2^5\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^{14}, 2\})$	402656256
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3^2, 2^{14}\})$	405504
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3^5, 2^{10}\})$	3133440
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3^8, 2^6\})$	25178112
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3^{11}, 2^2\})$	201314304
12	$\mathcal{O}(1; \{12^2, 6^2, 4^8, 3^2, 2^{11}\})$	1622016
12	$\mathcal{O}(1; \{12^2, 6^2, 4^8, 3^5, 2^7\})$	12533760
12	$\mathcal{O}(1; \{12^2, 6^2, 4^8, 3^8, 2^3\})$	100712448
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{10}, 3^2, 2^8\})$	6488064
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{10}, 3^5, 2^4\})$	50135040
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{10}, 3^8\})$	402849792
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{12}, 3^2, 2^5\})$	25952256
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{12}, 3^5, 2\})$	200540160
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{14}, 3^2, 2^2\})$	103809024
12	$\mathcal{O}(1; \{12^2, 6^3, 2^{24}\})$	2880
12	$\mathcal{O}(1; \{12^2, 6^3, 3^3, 2^{20}\})$	24768
12	$\mathcal{O}(1; \{12^2, 6^3, 3^6, 2^{16}\})$	196416
12	$\mathcal{O}(1; \{12^2, 6^3, 3^9, 2^{12}\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^3, 3^{12}, 2^8\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^3, 3^{15}, 2^4\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^3, 3^{18}\})$	805306176
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 2^{21}\})$	11520
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^3, 2^{17}\})$	99072
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^6, 2^{13}\})$	785664
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^9, 2^9\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^{12}, 2^5\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^{15}, 2\})$	402653952
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 2^{18}\})$	46080
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^3, 2^{14}\})$	396288
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^6, 2^{10}\})$	3142656
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^9, 2^6\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^{12}, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 2^{15}\})$	184320
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 3^3, 2^{11}\})$	1585152
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 3^6, 2^7\})$	12570624
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 3^9, 2^3\})$	100675584
12	$\mathcal{O}(1; \{12^2, 6^3, 4^8, 2^{12}\})$	737280
12	$\mathcal{O}(1; \{12^2, 6^3, 4^8, 3^3, 2^8\})$	6340608
12	$\mathcal{O}(1; \{12^2, 6^3, 4^8, 3^6, 2^4\})$	50282496

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^3, 4^8, 3^9\})$	402702336
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{10}, 2^9\})$	2949120
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{10}, 3^3, 2^5\})$	25362432
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{10}, 3^6, 2\})$	201129984
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{12}, 2^6\})$	11796480
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{12}, 3^3, 2^2\})$	101449728
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{14}, 2^3\})$	47185920
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{16}\})$	188743680
12	$\mathcal{O}(1; \{12^2, 6^4, 3, 2^{21}\})$	12096
12	$\mathcal{O}(1; \{12^2, 6^4, 3^4, 2^{17}\})$	98496
12	$\mathcal{O}(1; \{12^2, 6^4, 3^7, 2^{13}\})$	786240
12	$\mathcal{O}(1; \{12^2, 6^4, 3^{10}, 2^9\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^4, 3^{13}, 2^5\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^4, 3^{16}, 2\})$	402653376
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3, 2^{18}\})$	48384
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^4, 2^{14}\})$	393984
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^7, 2^{10}\})$	3144960
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^{10}, 2^6\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^{13}, 2^2\})$	201325824
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3, 2^{15}\})$	193536
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3^4, 2^{11}\})$	1575936
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3^7, 2^7\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3^{10}, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12^2, 6^4, 4^6, 3, 2^{12}\})$	774144
12	$\mathcal{O}(1; \{12^2, 6^4, 4^6, 3^4, 2^8\})$	6303744
12	$\mathcal{O}(1; \{12^2, 6^4, 4^6, 3^7, 2^4\})$	50319360
12	$\mathcal{O}(1; \{12^2, 6^4, 4^6, 3^{10}\})$	402665472
12	$\mathcal{O}(1; \{12^2, 6^4, 4^8, 3, 2^9\})$	3096576
12	$\mathcal{O}(1; \{12^2, 6^4, 4^8, 3^4, 2^5\})$	25214976
12	$\mathcal{O}(1; \{12^2, 6^4, 4^8, 3^7, 2\})$	201277440
12	$\mathcal{O}(1; \{12^2, 6^4, 4^{10}, 3, 2^6\})$	12386304
12	$\mathcal{O}(1; \{12^2, 6^4, 4^{10}, 3^4, 2^2\})$	100859904
12	$\mathcal{O}(1; \{12^2, 6^4, 4^{12}, 3, 2^3\})$	49545216
12	$\mathcal{O}(1; \{12^2, 6^4, 4^{14}, 3\})$	198180864
12	$\mathcal{O}(1; \{12^2, 6^5, 3^2, 2^{18}\})$	48960
12	$\mathcal{O}(1; \{12^2, 6^5, 3^5, 2^{14}\})$	393408
12	$\mathcal{O}(1; \{12^2, 6^5, 3^8, 2^{10}\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^5, 3^{11}, 2^6\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^5, 3^{14}, 2^2\})$	201326400
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^2, 2^{15}\})$	195840
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^5, 2^{11}\})$	1573632
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^8, 2^7\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^{11}, 2^3\})$	100664064

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 3^2, 2^{12}\})$	783360
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 3^5, 2^8\})$	6294528
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 3^8, 2^4\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 3^{11}\})$	402656256
12	$\mathcal{O}(1; \{12^2, 6^5, 4^6, 3^2, 2^9\})$	3133440
12	$\mathcal{O}(1; \{12^2, 6^5, 4^6, 3^5, 2^5\})$	25178112
12	$\mathcal{O}(1; \{12^2, 6^5, 4^6, 3^8, 2\})$	201314304
12	$\mathcal{O}(1; \{12^2, 6^5, 4^8, 3^2, 2^6\})$	12533760
12	$\mathcal{O}(1; \{12^2, 6^5, 4^8, 3^5, 2^2\})$	100712448
12	$\mathcal{O}(1; \{12^2, 6^5, 4^{10}, 3^2, 2^3\})$	50135040
12	$\mathcal{O}(1; \{12^2, 6^5, 4^{12}, 3^2\})$	200540160
12	$\mathcal{O}(1; \{12^2, 6^6, 2^{19}\})$	24768
12	$\mathcal{O}(1; \{12^2, 6^6, 3^3, 2^{15}\})$	196416
12	$\mathcal{O}(1; \{12^2, 6^6, 3^6, 2^{11}\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^6, 3^9, 2^7\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^6, 3^{12}, 2^3\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 2^{16}\})$	99072
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3^3, 2^{12}\})$	785664
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3^6, 2^8\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3^9, 2^4\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3^{12}\})$	402653952
12	$\mathcal{O}(1; \{12^2, 6^6, 4^4, 2^{13}\})$	396288
12	$\mathcal{O}(1; \{12^2, 6^6, 4^4, 3^3, 2^9\})$	3142656
12	$\mathcal{O}(1; \{12^2, 6^6, 4^4, 3^6, 2^5\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6^6, 4^4, 3^9, 2\})$	201323520
12	$\mathcal{O}(1; \{12^2, 6^6, 4^6, 2^{10}\})$	1585152
12	$\mathcal{O}(1; \{12^2, 6^6, 4^6, 3^3, 2^6\})$	12570624
12	$\mathcal{O}(1; \{12^2, 6^6, 4^6, 3^6, 2^2\})$	100675584
12	$\mathcal{O}(1; \{12^2, 6^6, 4^8, 2^7\})$	6340608
12	$\mathcal{O}(1; \{12^2, 6^6, 4^8, 3^3, 2^3\})$	50282496
12	$\mathcal{O}(1; \{12^2, 6^6, 4^{10}, 2^4\})$	25362432
12	$\mathcal{O}(1; \{12^2, 6^6, 4^{10}, 3^3\})$	201129984
12	$\mathcal{O}(1; \{12^2, 6^6, 4^{12}, 2\})$	101449728
12	$\mathcal{O}(1; \{12^2, 6^7, 3, 2^{16}\})$	98496
12	$\mathcal{O}(1; \{12^2, 6^7, 3^4, 2^{12}\})$	786240
12	$\mathcal{O}(1; \{12^2, 6^7, 3^7, 2^8\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^7, 3^{10}, 2^4\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^7, 3^{13}\})$	402653376
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 3, 2^{13}\})$	393984
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 3^4, 2^9\})$	3144960
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 3^7, 2^5\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 3^{10}, 2\})$	201325824
12	$\mathcal{O}(1; \{12^2, 6^7, 4^4, 3, 2^{10}\})$	1575936

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^7, 4^4, 3^4, 2^6\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6^7, 4^4, 3^7, 2^2\})$	100666368
12	$\mathcal{O}(1; \{12^2, 6^7, 4^6, 3, 2^7\})$	6303744
12	$\mathcal{O}(1; \{12^2, 6^7, 4^6, 3^4, 2^3\})$	50319360
12	$\mathcal{O}(1; \{12^2, 6^7, 4^8, 3, 2^4\})$	25214976
12	$\mathcal{O}(1; \{12^2, 6^7, 4^8, 3^4\})$	201277440
12	$\mathcal{O}(1; \{12^2, 6^7, 4^{10}, 3, 2\})$	100859904
12	$\mathcal{O}(1; \{12^2, 6^8, 3^2, 2^{13}\})$	393408
12	$\mathcal{O}(1; \{12^2, 6^8, 3^5, 2^9\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^8, 3^8, 2^5\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^8, 3^{11}, 2\})$	201326400
12	$\mathcal{O}(1; \{12^2, 6^8, 4^2, 3^2, 2^{10}\})$	1573632
12	$\mathcal{O}(1; \{12^2, 6^8, 4^2, 3^5, 2^6\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^8, 4^2, 3^8, 2^2\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6^8, 4^4, 3^2, 2^7\})$	6294528
12	$\mathcal{O}(1; \{12^2, 6^8, 4^4, 3^5, 2^3\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^8, 4^6, 3^2, 2^4\})$	25178112
12	$\mathcal{O}(1; \{12^2, 6^8, 4^6, 3^5\})$	201314304
12	$\mathcal{O}(1; \{12^2, 6^8, 4^8, 3^2, 2\})$	100712448
12	$\mathcal{O}(1; \{12^2, 6^9, 2^{14}\})$	196416
12	$\mathcal{O}(1; \{12^2, 6^9, 3^3, 2^{10}\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^9, 3^6, 2^6\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^9, 3^9, 2^2\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^9, 4^2, 2^{11}\})$	785664
12	$\mathcal{O}(1; \{12^2, 6^9, 4^2, 3^3, 2^7\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6^9, 4^2, 3^6, 2^3\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^9, 4^4, 2^8\})$	3142656
12	$\mathcal{O}(1; \{12^2, 6^9, 4^4, 3^3, 2^4\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6^9, 4^4, 3^6\})$	201323520
12	$\mathcal{O}(1; \{12^2, 6^9, 4^6, 2^5\})$	12570624
12	$\mathcal{O}(1; \{12^2, 6^9, 4^6, 3^3, 2\})$	100675584
12	$\mathcal{O}(1; \{12^2, 6^9, 4^8, 2^2\})$	50282496
12	$\mathcal{O}(1; \{12^2, 6^{10}, 3, 2^{11}\})$	786240
12	$\mathcal{O}(1; \{12^2, 6^{10}, 3^4, 2^7\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^{10}, 3^7, 2^3\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^2, 3, 2^8\})$	3144960
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^2, 3^4, 2^4\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^2, 3^7\})$	201325824
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^4, 3, 2^5\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^4, 3^4, 2\})$	100666368
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^6, 3, 2^2\})$	50319360
12	$\mathcal{O}(1; \{12^2, 6^{11}, 3^2, 2^8\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^{11}, 3^5, 2^4\})$	25166016

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^{11}, 3^8\})$	201326400
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^2, 3^2, 2^5\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^2, 3^5, 2\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^4, 3^2, 2^2\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^{12}, 2^9\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^{12}, 3^3, 2^5\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^{12}, 3^6, 2\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^{12}, 4^2, 2^6\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6^{12}, 4^2, 3^3, 2^2\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^{12}, 4^4, 2^3\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6^{12}, 4^6\})$	100675584
12	$\mathcal{O}(1; \{12^2, 6^{13}, 3, 2^6\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^{13}, 3^4, 2^2\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^{13}, 4^2, 3, 2^3\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^{13}, 4^4, 3\})$	100666368
12	$\mathcal{O}(1; \{12^2, 6^{14}, 3^2, 2^3\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^{14}, 4^2, 3^2\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6^{15}, 2^4\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^{15}, 3^3\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^{15}, 4^2, 2\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^{16}, 3, 2\})$	50331456
12	$\mathcal{O}(1; \{12^3, 4, 3^2, 2^{23}\})$	11520
12	$\mathcal{O}(1; \{12^3, 4, 3^5, 2^{19}\})$	99072
12	$\mathcal{O}(1; \{12^3, 4, 3^8, 2^{15}\})$	785664
12	$\mathcal{O}(1; \{12^3, 4, 3^{11}, 2^{11}\})$	6292224
12	$\mathcal{O}(1; \{12^3, 4, 3^{14}, 2^7\})$	50330880
12	$\mathcal{O}(1; \{12^3, 4, 3^{17}, 2^3\})$	402653952
12	$\mathcal{O}(1; \{12^3, 4^3, 3^2, 2^{20}\})$	46080
12	$\mathcal{O}(1; \{12^3, 4^3, 3^5, 2^{16}\})$	396288
12	$\mathcal{O}(1; \{12^3, 4^3, 3^8, 2^{12}\})$	3142656
12	$\mathcal{O}(1; \{12^3, 4^3, 3^{11}, 2^8\})$	25168896
12	$\mathcal{O}(1; \{12^3, 4^3, 3^{14}, 2^4\})$	201323520
12	$\mathcal{O}(1; \{12^3, 4^3, 3^{17}\})$	1610615808
12	$\mathcal{O}(1; \{12^3, 4^5, 3^2, 2^{17}\})$	184320
12	$\mathcal{O}(1; \{12^3, 4^5, 3^5, 2^{13}\})$	1585152
12	$\mathcal{O}(1; \{12^3, 4^5, 3^8, 2^9\})$	12570624
12	$\mathcal{O}(1; \{12^3, 4^5, 3^{11}, 2^5\})$	100675584
12	$\mathcal{O}(1; \{12^3, 4^5, 3^{14}, 2\})$	805294080
12	$\mathcal{O}(1; \{12^3, 4^7, 3^2, 2^{14}\})$	737280
12	$\mathcal{O}(1; \{12^3, 4^7, 3^5, 2^{10}\})$	6340608
12	$\mathcal{O}(1; \{12^3, 4^7, 3^8, 2^6\})$	50282496
12	$\mathcal{O}(1; \{12^3, 4^7, 3^{11}, 2^2\})$	402702336
12	$\mathcal{O}(1; \{12^3, 4^9, 3^2, 2^{11}\})$	2949120

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 4^9, 3^5, 2^7\})$	25362432
12	$\mathcal{O}(1; \{12^3, 4^9, 3^8, 2^3\})$	201129984
12	$\mathcal{O}(1; \{12^3, 4^{11}, 3^2, 2^8\})$	11796480
12	$\mathcal{O}(1; \{12^3, 4^{11}, 3^5, 2^4\})$	101449728
12	$\mathcal{O}(1; \{12^3, 4^{11}, 3^8\})$	804519936
12	$\mathcal{O}(1; \{12^3, 4^{13}, 3^2, 2^5\})$	47185920
12	$\mathcal{O}(1; \{12^3, 4^{13}, 3^5, 2\})$	405798912
12	$\mathcal{O}(1; \{12^3, 4^{15}, 3^2, 2^2\})$	188743680
12	$\mathcal{O}(1; \{12^3, 6, 4, 2^{24}\})$	6912
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^3, 2^{20}\})$	48384
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^6, 2^{16}\})$	393984
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^9, 2^{12}\})$	3144960
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^{12}, 2^8\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^{15}, 2^4\})$	201325824
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^{18}\})$	1610613504
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 2^{21}\})$	27648
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^3, 2^{17}\})$	193536
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^6, 2^{13}\})$	1575936
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^9, 2^9\})$	12579840
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^{12}, 2^5\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^{15}, 2\})$	805303296
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 2^{18}\})$	110592
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^3, 2^{14}\})$	774144
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^6, 2^{10}\})$	6303744
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^9, 2^6\})$	50319360
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^{12}, 2^2\})$	402665472
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 2^{15}\})$	442368
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 3^3, 2^{11}\})$	3096576
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 3^6, 2^7\})$	25214976
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 3^9, 2^3\})$	201277440
12	$\mathcal{O}(1; \{12^3, 6, 4^9, 2^{12}\})$	1769472
12	$\mathcal{O}(1; \{12^3, 6, 4^9, 3^3, 2^8\})$	12386304
12	$\mathcal{O}(1; \{12^3, 6, 4^9, 3^6, 2^4\})$	100859904
12	$\mathcal{O}(1; \{12^3, 6, 4^9, 3^9\})$	805109760
12	$\mathcal{O}(1; \{12^3, 6, 4^{11}, 2^9\})$	7077888
12	$\mathcal{O}(1; \{12^3, 6, 4^{11}, 3^3, 2^5\})$	49545216
12	$\mathcal{O}(1; \{12^3, 6, 4^{11}, 3^6, 2\})$	403439616
12	$\mathcal{O}(1; \{12^3, 6, 4^{13}, 2^6\})$	28311552
12	$\mathcal{O}(1; \{12^3, 6, 4^{13}, 3^3, 2^2\})$	198180864
12	$\mathcal{O}(1; \{12^3, 6, 4^{15}, 2^3\})$	113246208
12	$\mathcal{O}(1; \{12^3, 6, 4^{17}\})$	452984832
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3, 2^{21}\})$	25344
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^4, 2^{17}\})$	195840

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^7, 2^{13}\})$	1573632
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^{10}, 2^9\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^{13}, 2^5\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^{16}, 2\})$	805305600
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3, 2^{18}\})$	101376
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^4, 2^{14}\})$	783360
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^7, 2^{10}\})$	6294528
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^{10}, 2^6\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^{13}, 2^2\})$	402656256
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3, 2^{15}\})$	405504
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3^4, 2^{11}\})$	3133440
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3^7, 2^7\})$	25178112
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3^{10}, 2^3\})$	201314304
12	$\mathcal{O}(1; \{12^3, 6^2, 4^7, 3, 2^{12}\})$	1622016
12	$\mathcal{O}(1; \{12^3, 6^2, 4^7, 3^4, 2^8\})$	12533760
12	$\mathcal{O}(1; \{12^3, 6^2, 4^7, 3^7, 2^4\})$	100712448
12	$\mathcal{O}(1; \{12^3, 6^2, 4^7, 3^{10}\})$	805257216
12	$\mathcal{O}(1; \{12^3, 6^2, 4^9, 3, 2^9\})$	6488064
12	$\mathcal{O}(1; \{12^3, 6^2, 4^9, 3^4, 2^5\})$	50135040
12	$\mathcal{O}(1; \{12^3, 6^2, 4^9, 3^7, 2\})$	402849792
12	$\mathcal{O}(1; \{12^3, 6^2, 4^{11}, 3, 2^6\})$	25952256
12	$\mathcal{O}(1; \{12^3, 6^2, 4^{11}, 3^4, 2^2\})$	200540160
12	$\mathcal{O}(1; \{12^3, 6^2, 4^{13}, 3, 2^3\})$	103809024
12	$\mathcal{O}(1; \{12^3, 6^2, 4^{15}, 3\})$	415236096
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^2, 2^{18}\})$	99072
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^5, 2^{14}\})$	785664
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^8, 2^{10}\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^{11}, 2^6\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^{14}, 2^2\})$	402653952
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^2, 2^{15}\})$	396288
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^5, 2^{11}\})$	3142656
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^8, 2^7\})$	25168896
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^{11}, 2^3\})$	201323520
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 3^2, 2^{12}\})$	1585152
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 3^5, 2^8\})$	12570624
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 3^8, 2^4\})$	100675584
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 3^{11}\})$	805294080
12	$\mathcal{O}(1; \{12^3, 6^3, 4^7, 3^2, 2^9\})$	6340608
12	$\mathcal{O}(1; \{12^3, 6^3, 4^7, 3^5, 2^5\})$	50282496
12	$\mathcal{O}(1; \{12^3, 6^3, 4^7, 3^8, 2\})$	402702336
12	$\mathcal{O}(1; \{12^3, 6^3, 4^9, 3^2, 2^6\})$	25362432
12	$\mathcal{O}(1; \{12^3, 6^3, 4^9, 3^5, 2^2\})$	201129984
12	$\mathcal{O}(1; \{12^3, 6^3, 4^{11}, 3^2, 2^3\})$	101449728

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 6^3, 4^{13}, 3^2\})$	405798912
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 2^{19}\})$	48384
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^3, 2^{15}\})$	393984
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^6, 2^{11}\})$	3144960
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^9, 2^7\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^{12}, 2^3\})$	201325824
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 2^{16}\})$	193536
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3^3, 2^{12}\})$	1575936
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3^6, 2^8\})$	12579840
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3^9, 2^4\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3^{12}\})$	805303296
12	$\mathcal{O}(1; \{12^3, 6^4, 4^5, 2^{13}\})$	774144
12	$\mathcal{O}(1; \{12^3, 6^4, 4^5, 3^3, 2^9\})$	6303744
12	$\mathcal{O}(1; \{12^3, 6^4, 4^5, 3^6, 2^5\})$	50319360
12	$\mathcal{O}(1; \{12^3, 6^4, 4^5, 3^9, 2\})$	402665472
12	$\mathcal{O}(1; \{12^3, 6^4, 4^7, 2^{10}\})$	3096576
12	$\mathcal{O}(1; \{12^3, 6^4, 4^7, 3^3, 2^6\})$	25214976
12	$\mathcal{O}(1; \{12^3, 6^4, 4^7, 3^6, 2^2\})$	201277440
12	$\mathcal{O}(1; \{12^3, 6^4, 4^9, 2^7\})$	12386304
12	$\mathcal{O}(1; \{12^3, 6^4, 4^9, 3^3, 2^3\})$	100859904
12	$\mathcal{O}(1; \{12^3, 6^4, 4^{11}, 2^4\})$	49545216
12	$\mathcal{O}(1; \{12^3, 6^4, 4^{11}, 3^3\})$	403439616
12	$\mathcal{O}(1; \{12^3, 6^4, 4^{13}, 2\})$	198180864
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3, 2^{16}\})$	195840
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^4, 2^{12}\})$	1573632
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^7, 2^8\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^{10}, 2^4\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^{13}\})$	805305600
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 3, 2^{13}\})$	783360
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 3^4, 2^9\})$	6294528
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 3^7, 2^5\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 3^{10}, 2\})$	402656256
12	$\mathcal{O}(1; \{12^3, 6^5, 4^5, 3, 2^{10}\})$	3133440
12	$\mathcal{O}(1; \{12^3, 6^5, 4^5, 3^4, 2^6\})$	25178112
12	$\mathcal{O}(1; \{12^3, 6^5, 4^5, 3^7, 2^2\})$	201314304
12	$\mathcal{O}(1; \{12^3, 6^5, 4^7, 3, 2^7\})$	12533760
12	$\mathcal{O}(1; \{12^3, 6^5, 4^7, 3^4, 2^3\})$	100712448
12	$\mathcal{O}(1; \{12^3, 6^5, 4^9, 3, 2^4\})$	50135040
12	$\mathcal{O}(1; \{12^3, 6^5, 4^9, 3^4\})$	402849792
12	$\mathcal{O}(1; \{12^3, 6^5, 4^{11}, 3, 2\})$	200540160
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3^2, 2^{13}\})$	785664
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3^5, 2^9\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3^8, 2^5\})$	50330880

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3^{11}, 2\})$	402653952
12	$\mathcal{O}(1; \{12^3, 6^6, 4^3, 3^2, 2^{10}\})$	3142656
12	$\mathcal{O}(1; \{12^3, 6^6, 4^3, 3^5, 2^6\})$	25168896
12	$\mathcal{O}(1; \{12^3, 6^6, 4^3, 3^8, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12^3, 6^6, 4^5, 3^2, 2^7\})$	12570624
12	$\mathcal{O}(1; \{12^3, 6^6, 4^5, 3^5, 2^3\})$	100675584
12	$\mathcal{O}(1; \{12^3, 6^6, 4^7, 3^2, 2^4\})$	50282496
12	$\mathcal{O}(1; \{12^3, 6^6, 4^7, 3^5\})$	402702336
12	$\mathcal{O}(1; \{12^3, 6^6, 4^9, 3^2, 2\})$	201129984
12	$\mathcal{O}(1; \{12^3, 6^7, 4, 2^{14}\})$	393984
12	$\mathcal{O}(1; \{12^3, 6^7, 4, 3^3, 2^{10}\})$	3144960
12	$\mathcal{O}(1; \{12^3, 6^7, 4, 3^6, 2^6\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^7, 4, 3^9, 2^2\})$	201325824
12	$\mathcal{O}(1; \{12^3, 6^7, 4^3, 2^{11}\})$	1575936
12	$\mathcal{O}(1; \{12^3, 6^7, 4^3, 3^3, 2^7\})$	12579840
12	$\mathcal{O}(1; \{12^3, 6^7, 4^3, 3^6, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^7, 4^5, 2^8\})$	6303744
12	$\mathcal{O}(1; \{12^3, 6^7, 4^5, 3^3, 2^4\})$	50319360
12	$\mathcal{O}(1; \{12^3, 6^7, 4^5, 3^6\})$	402665472
12	$\mathcal{O}(1; \{12^3, 6^7, 4^7, 2^5\})$	25214976
12	$\mathcal{O}(1; \{12^3, 6^7, 4^7, 3^3, 2\})$	201277440
12	$\mathcal{O}(1; \{12^3, 6^7, 4^9, 2^2\})$	100859904
12	$\mathcal{O}(1; \{12^3, 6^8, 4, 3, 2^{11}\})$	1573632
12	$\mathcal{O}(1; \{12^3, 6^8, 4, 3^4, 2^7\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6^8, 4, 3^7, 2^3\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^8, 4^3, 3, 2^8\})$	6294528
12	$\mathcal{O}(1; \{12^3, 6^8, 4^3, 3^4, 2^4\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6^8, 4^3, 3^7\})$	402656256
12	$\mathcal{O}(1; \{12^3, 6^8, 4^5, 3, 2^5\})$	25178112
12	$\mathcal{O}(1; \{12^3, 6^8, 4^5, 3^4, 2\})$	201314304
12	$\mathcal{O}(1; \{12^3, 6^8, 4^7, 3, 2^2\})$	100712448
12	$\mathcal{O}(1; \{12^3, 6^9, 4, 3^2, 2^8\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6^9, 4, 3^5, 2^4\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^9, 4, 3^8\})$	402653952
12	$\mathcal{O}(1; \{12^3, 6^9, 4^3, 3^2, 2^5\})$	25168896
12	$\mathcal{O}(1; \{12^3, 6^9, 4^3, 3^5, 2\})$	201323520
12	$\mathcal{O}(1; \{12^3, 6^9, 4^5, 3^2, 2^2\})$	100675584
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4, 2^9\})$	3144960
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4, 3^3, 2^5\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4, 3^6, 2\})$	201325824
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4^3, 2^6\})$	12579840
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4^3, 3^3, 2^2\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4^5, 2^3\})$	50319360

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4^7\})$	201277440
12	$\mathcal{O}(1; \{12^3, 6^{11}, 4, 3, 2^6\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6^{11}, 4, 3^4, 2^2\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^{11}, 4^3, 3, 2^3\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6^{11}, 4^5, 3\})$	201314304
12	$\mathcal{O}(1; \{12^3, 6^{12}, 4, 3^2, 2^3\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^{12}, 4^3, 3^2\})$	201323520
12	$\mathcal{O}(1; \{12^3, 6^{13}, 4, 2^4\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^{13}, 4, 3^3\})$	201325824
12	$\mathcal{O}(1; \{12^3, 6^{13}, 4^3, 2\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^{14}, 4, 3, 2\})$	100664064
12	$\mathcal{O}(1; \{12^4, 3, 2^{24}\})$	11520
12	$\mathcal{O}(1; \{12^4, 3^4, 2^{20}\})$	99072
12	$\mathcal{O}(1; \{12^4, 3^7, 2^{16}\})$	785664
12	$\mathcal{O}(1; \{12^4, 3^{10}, 2^{12}\})$	6292224
12	$\mathcal{O}(1; \{12^4, 3^{13}, 2^8\})$	50330880
12	$\mathcal{O}(1; \{12^4, 3^{16}, 2^4\})$	402653952
12	$\mathcal{O}(1; \{12^4, 3^{19}\})$	3221224704
12	$\mathcal{O}(1; \{12^4, 4^2, 3, 2^{21}\})$	46080
12	$\mathcal{O}(1; \{12^4, 4^2, 3^4, 2^{17}\})$	396288
12	$\mathcal{O}(1; \{12^4, 4^2, 3^7, 2^{13}\})$	3142656
12	$\mathcal{O}(1; \{12^4, 4^2, 3^{10}, 2^9\})$	25168896
12	$\mathcal{O}(1; \{12^4, 4^2, 3^{13}, 2^5\})$	201323520
12	$\mathcal{O}(1; \{12^4, 4^2, 3^{16}, 2\})$	1610615808
12	$\mathcal{O}(1; \{12^4, 4^4, 3, 2^{18}\})$	184320
12	$\mathcal{O}(1; \{12^4, 4^4, 3^4, 2^{14}\})$	1585152
12	$\mathcal{O}(1; \{12^4, 4^4, 3^7, 2^{10}\})$	12570624
12	$\mathcal{O}(1; \{12^4, 4^4, 3^{10}, 2^6\})$	100675584
12	$\mathcal{O}(1; \{12^4, 4^4, 3^{13}, 2^2\})$	805294080
12	$\mathcal{O}(1; \{12^4, 4^6, 3, 2^{15}\})$	737280
12	$\mathcal{O}(1; \{12^4, 4^6, 3^4, 2^{11}\})$	6340608
12	$\mathcal{O}(1; \{12^4, 4^6, 3^7, 2^7\})$	50282496
12	$\mathcal{O}(1; \{12^4, 4^6, 3^{10}, 2^3\})$	402702336
12	$\mathcal{O}(1; \{12^4, 4^8, 3, 2^{12}\})$	2949120
12	$\mathcal{O}(1; \{12^4, 4^8, 3^4, 2^8\})$	25362432
12	$\mathcal{O}(1; \{12^4, 4^8, 3^7, 2^4\})$	201129984
12	$\mathcal{O}(1; \{12^4, 4^8, 3^{10}\})$	1610809344
12	$\mathcal{O}(1; \{12^4, 4^{10}, 3, 2^9\})$	11796480
12	$\mathcal{O}(1; \{12^4, 4^{10}, 3^4, 2^5\})$	101449728
12	$\mathcal{O}(1; \{12^4, 4^{10}, 3^7, 2\})$	804519936
12	$\mathcal{O}(1; \{12^4, 4^{12}, 3, 2^6\})$	47185920
12	$\mathcal{O}(1; \{12^4, 4^{12}, 3^4, 2^2\})$	405798912
12	$\mathcal{O}(1; \{12^4, 4^{14}, 3, 2^3\})$	188743680

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 4^{16}, 3\})$	754974720
12	$\mathcal{O}(1; \{12^4, 6, 3^2, 2^{21}\})$	48384
12	$\mathcal{O}(1; \{12^4, 6, 3^5, 2^{17}\})$	393984
12	$\mathcal{O}(1; \{12^4, 6, 3^8, 2^{13}\})$	3144960
12	$\mathcal{O}(1; \{12^4, 6, 3^{11}, 2^9\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6, 3^{14}, 2^5\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6, 3^{17}, 2\})$	1610613504
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^2, 2^{18}\})$	193536
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^5, 2^{14}\})$	1575936
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^8, 2^{10}\})$	12579840
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^{11}, 2^6\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^{14}, 2^2\})$	805303296
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^2, 2^{15}\})$	774144
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^5, 2^{11}\})$	6303744
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^8, 2^7\})$	50319360
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^{11}, 2^3\})$	402665472
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 3^2, 2^{12}\})$	3096576
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 3^5, 2^8\})$	25214976
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 3^8, 2^4\})$	201277440
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 3^{11}\})$	1610661888
12	$\mathcal{O}(1; \{12^4, 6, 4^8, 3^2, 2^9\})$	12386304
12	$\mathcal{O}(1; \{12^4, 6, 4^8, 3^5, 2^5\})$	100859904
12	$\mathcal{O}(1; \{12^4, 6, 4^8, 3^8, 2\})$	805109760
12	$\mathcal{O}(1; \{12^4, 6, 4^{10}, 3^2, 2^6\})$	49545216
12	$\mathcal{O}(1; \{12^4, 6, 4^{10}, 3^5, 2^2\})$	403439616
12	$\mathcal{O}(1; \{12^4, 6, 4^{12}, 3^2, 2^3\})$	198180864
12	$\mathcal{O}(1; \{12^4, 6, 4^{14}, 3^2\})$	792723456
12	$\mathcal{O}(1; \{12^4, 6^2, 2^{22}\})$	25344
12	$\mathcal{O}(1; \{12^4, 6^2, 3^3, 2^{18}\})$	195840
12	$\mathcal{O}(1; \{12^4, 6^2, 3^6, 2^{14}\})$	1573632
12	$\mathcal{O}(1; \{12^4, 6^2, 3^9, 2^{10}\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6^2, 3^{12}, 2^6\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^2, 3^{15}, 2^2\})$	805305600
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 2^{19}\})$	101376
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^3, 2^{15}\})$	783360
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^6, 2^{11}\})$	6294528
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^9, 2^7\})$	50328576
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^{12}, 2^3\})$	402656256
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 2^{16}\})$	405504
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3^3, 2^{12}\})$	3133440
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3^6, 2^8\})$	25178112
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3^9, 2^4\})$	201314304
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3^{12}\})$	1610625024

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 6^2, 4^6, 2^{13}\})$	1622016
12	$\mathcal{O}(1; \{12^4, 6^2, 4^6, 3^3, 2^9\})$	12533760
12	$\mathcal{O}(1; \{12^4, 6^2, 4^6, 3^6, 2^5\})$	100712448
12	$\mathcal{O}(1; \{12^4, 6^2, 4^6, 3^9, 2\})$	805257216
12	$\mathcal{O}(1; \{12^4, 6^2, 4^8, 2^{10}\})$	6488064
12	$\mathcal{O}(1; \{12^4, 6^2, 4^8, 3^3, 2^6\})$	50135040
12	$\mathcal{O}(1; \{12^4, 6^2, 4^8, 3^6, 2^2\})$	402849792
12	$\mathcal{O}(1; \{12^4, 6^2, 4^{10}, 2^7\})$	25952256
12	$\mathcal{O}(1; \{12^4, 6^2, 4^{10}, 3^3, 2^3\})$	200540160
12	$\mathcal{O}(1; \{12^4, 6^2, 4^{12}, 2^4\})$	103809024
12	$\mathcal{O}(1; \{12^4, 6^2, 4^{12}, 3^3\})$	802160640
12	$\mathcal{O}(1; \{12^4, 6^2, 4^{14}, 2\})$	415236096
12	$\mathcal{O}(1; \{12^4, 6^3, 3, 2^{19}\})$	99072
12	$\mathcal{O}(1; \{12^4, 6^3, 3^4, 2^{15}\})$	785664
12	$\mathcal{O}(1; \{12^4, 6^3, 3^7, 2^{11}\})$	6292224
12	$\mathcal{O}(1; \{12^4, 6^3, 3^{10}, 2^7\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^3, 3^{13}, 2^3\})$	402653952
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3, 2^{16}\})$	396288
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^4, 2^{12}\})$	3142656
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^7, 2^8\})$	25168896
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^{10}, 2^4\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^{13}\})$	1610615808
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 3, 2^{13}\})$	1585152
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 3^4, 2^9\})$	12570624
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 3^7, 2^5\})$	100675584
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 3^{10}, 2\})$	805294080
12	$\mathcal{O}(1; \{12^4, 6^3, 4^6, 3, 2^{10}\})$	6340608
12	$\mathcal{O}(1; \{12^4, 6^3, 4^6, 3^4, 2^6\})$	50282496
12	$\mathcal{O}(1; \{12^4, 6^3, 4^6, 3^7, 2^2\})$	402702336
12	$\mathcal{O}(1; \{12^4, 6^3, 4^8, 3, 2^7\})$	25362432
12	$\mathcal{O}(1; \{12^4, 6^3, 4^8, 3^4, 2^3\})$	201129984
12	$\mathcal{O}(1; \{12^4, 6^3, 4^{10}, 3, 2^4\})$	101449728
12	$\mathcal{O}(1; \{12^4, 6^3, 4^{10}, 3^4\})$	804519936
12	$\mathcal{O}(1; \{12^4, 6^3, 4^{12}, 3, 2\})$	405798912
12	$\mathcal{O}(1; \{12^4, 6^4, 3^2, 2^{16}\})$	393984
12	$\mathcal{O}(1; \{12^4, 6^4, 3^5, 2^{12}\})$	3144960
12	$\mathcal{O}(1; \{12^4, 6^4, 3^8, 2^8\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^4, 3^{11}, 2^4\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6^4, 3^{14}\})$	1610613504
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3^2, 2^{13}\})$	1575936
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3^5, 2^9\})$	12579840
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3^8, 2^5\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3^{11}, 2\})$	805303296

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 6^4, 4^4, 3^2, 2^{10}\})$	6303744
12	$\mathcal{O}(1; \{12^4, 6^4, 4^4, 3^5, 2^6\})$	50319360
12	$\mathcal{O}(1; \{12^4, 6^4, 4^4, 3^8, 2^2\})$	402665472
12	$\mathcal{O}(1; \{12^4, 6^4, 4^6, 3^2, 2^7\})$	25214976
12	$\mathcal{O}(1; \{12^4, 6^4, 4^6, 3^5, 2^3\})$	201277440
12	$\mathcal{O}(1; \{12^4, 6^4, 4^8, 3^2, 2^4\})$	100859904
12	$\mathcal{O}(1; \{12^4, 6^4, 4^8, 3^5\})$	805109760
12	$\mathcal{O}(1; \{12^4, 6^4, 4^{10}, 3^2, 2\})$	403439616
12	$\mathcal{O}(1; \{12^4, 6^5, 2^{17}\})$	195840
12	$\mathcal{O}(1; \{12^4, 6^5, 3^3, 2^{13}\})$	1573632
12	$\mathcal{O}(1; \{12^4, 6^5, 3^6, 2^9\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6^5, 3^9, 2^5\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^5, 3^{12}, 2\})$	805305600
12	$\mathcal{O}(1; \{12^4, 6^5, 4^2, 2^{14}\})$	783360
12	$\mathcal{O}(1; \{12^4, 6^5, 4^2, 3^3, 2^{10}\})$	6294528
12	$\mathcal{O}(1; \{12^4, 6^5, 4^2, 3^6, 2^6\})$	50328576
12	$\mathcal{O}(1; \{12^4, 6^5, 4^2, 3^9, 2^2\})$	402656256
12	$\mathcal{O}(1; \{12^4, 6^5, 4^4, 2^{11}\})$	3133440
12	$\mathcal{O}(1; \{12^4, 6^5, 4^4, 3^3, 2^7\})$	25178112
12	$\mathcal{O}(1; \{12^4, 6^5, 4^4, 3^6, 2^3\})$	201314304
12	$\mathcal{O}(1; \{12^4, 6^5, 4^6, 2^8\})$	12533760
12	$\mathcal{O}(1; \{12^4, 6^5, 4^6, 3^3, 2^4\})$	100712448
12	$\mathcal{O}(1; \{12^4, 6^5, 4^6, 3^6\})$	805257216
12	$\mathcal{O}(1; \{12^4, 6^5, 4^8, 2^5\})$	50135040
12	$\mathcal{O}(1; \{12^4, 6^5, 4^8, 3^3, 2\})$	402849792
12	$\mathcal{O}(1; \{12^4, 6^5, 4^{10}, 2^2\})$	200540160
12	$\mathcal{O}(1; \{12^4, 6^6, 3, 2^{14}\})$	785664
12	$\mathcal{O}(1; \{12^4, 6^6, 3^4, 2^{10}\})$	6292224
12	$\mathcal{O}(1; \{12^4, 6^6, 3^7, 2^6\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^6, 3^{10}, 2^2\})$	402653952
12	$\mathcal{O}(1; \{12^4, 6^6, 4^2, 3, 2^{11}\})$	3142656
12	$\mathcal{O}(1; \{12^4, 6^6, 4^2, 3^4, 2^7\})$	25168896
12	$\mathcal{O}(1; \{12^4, 6^6, 4^2, 3^7, 2^3\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6^6, 4^4, 3, 2^8\})$	12570624
12	$\mathcal{O}(1; \{12^4, 6^6, 4^4, 3^4, 2^4\})$	100675584
12	$\mathcal{O}(1; \{12^4, 6^6, 4^4, 3^7\})$	805294080
12	$\mathcal{O}(1; \{12^4, 6^6, 4^6, 3, 2^5\})$	50282496
12	$\mathcal{O}(1; \{12^4, 6^6, 4^6, 3^4, 2\})$	402702336
12	$\mathcal{O}(1; \{12^4, 6^6, 4^8, 3, 2^2\})$	201129984
12	$\mathcal{O}(1; \{12^4, 6^7, 3^2, 2^{11}\})$	3144960
12	$\mathcal{O}(1; \{12^4, 6^7, 3^5, 2^7\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^7, 3^8, 2^3\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6^7, 4^2, 3^2, 2^8\})$	12579840

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 6^7, 4^2, 3^5, 2^4\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^7, 4^2, 3^8\})$	805303296
12	$\mathcal{O}(1; \{12^4, 6^7, 4^4, 3^2, 2^5\})$	50319360
12	$\mathcal{O}(1; \{12^4, 6^7, 4^4, 3^5, 2\})$	402665472
12	$\mathcal{O}(1; \{12^4, 6^7, 4^6, 3^2, 2^2\})$	201277440
12	$\mathcal{O}(1; \{12^4, 6^8, 2^{12}\})$	1573632
12	$\mathcal{O}(1; \{12^4, 6^8, 3^3, 2^8\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6^8, 3^6, 2^4\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^8, 3^9\})$	805305600
12	$\mathcal{O}(1; \{12^4, 6^8, 4^2, 2^9\})$	6294528
12	$\mathcal{O}(1; \{12^4, 6^8, 4^2, 3^3, 2^5\})$	50328576
12	$\mathcal{O}(1; \{12^4, 6^8, 4^2, 3^6, 2\})$	402656256
12	$\mathcal{O}(1; \{12^4, 6^8, 4^4, 2^6\})$	25178112
12	$\mathcal{O}(1; \{12^4, 6^8, 4^4, 3^3, 2^2\})$	201314304
12	$\mathcal{O}(1; \{12^4, 6^8, 4^6, 2^3\})$	100712448
12	$\mathcal{O}(1; \{12^4, 6^8, 4^8\})$	402849792
12	$\mathcal{O}(1; \{12^4, 6^9, 3, 2^9\})$	6292224
12	$\mathcal{O}(1; \{12^4, 6^9, 3^4, 2^5\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^9, 3^7, 2\})$	402653952
12	$\mathcal{O}(1; \{12^4, 6^9, 4^2, 3, 2^6\})$	25168896
12	$\mathcal{O}(1; \{12^4, 6^9, 4^2, 3^4, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6^9, 4^4, 3, 2^3\})$	100675584
12	$\mathcal{O}(1; \{12^4, 6^9, 4^6, 3\})$	402702336
12	$\mathcal{O}(1; \{12^4, 6^{10}, 3^2, 2^6\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^{10}, 3^5, 2^2\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6^{10}, 4^2, 3^2, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^{10}, 4^4, 3^2\})$	402665472
12	$\mathcal{O}(1; \{12^4, 6^{11}, 2^7\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6^{11}, 3^3, 2^3\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^{11}, 4^2, 2^4\})$	50328576
12	$\mathcal{O}(1; \{12^4, 6^{11}, 4^2, 3^3\})$	402656256
12	$\mathcal{O}(1; \{12^4, 6^{11}, 4^4, 2\})$	201314304
12	$\mathcal{O}(1; \{12^4, 6^{12}, 3, 2^4\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^{12}, 3^4\})$	402653952
12	$\mathcal{O}(1; \{12^4, 6^{12}, 4^2, 3, 2\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6^{13}, 3^2, 2\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6^{14}, 2^2\})$	100664064
12	$\mathcal{O}(1; \{12^5, 4, 2^{22}\})$	46080
12	$\mathcal{O}(1; \{12^5, 4, 3^3, 2^{18}\})$	396288
12	$\mathcal{O}(1; \{12^5, 4, 3^6, 2^{14}\})$	3142656
12	$\mathcal{O}(1; \{12^5, 4, 3^9, 2^{10}\})$	25168896
12	$\mathcal{O}(1; \{12^5, 4, 3^{12}, 2^6\})$	201323520
12	$\mathcal{O}(1; \{12^5, 4, 3^{15}, 2^2\})$	1610615808

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^5, 4^3, 2^{19}\})$	184320
12	$\mathcal{O}(1; \{12^5, 4^3, 3^3, 2^{15}\})$	1585152
12	$\mathcal{O}(1; \{12^5, 4^3, 3^6, 2^{11}\})$	12570624
12	$\mathcal{O}(1; \{12^5, 4^3, 3^9, 2^7\})$	100675584
12	$\mathcal{O}(1; \{12^5, 4^3, 3^{12}, 2^3\})$	805294080
12	$\mathcal{O}(1; \{12^5, 4^5, 2^{16}\})$	737280
12	$\mathcal{O}(1; \{12^5, 4^5, 3^3, 2^{12}\})$	6340608
12	$\mathcal{O}(1; \{12^5, 4^5, 3^6, 2^8\})$	50282496
12	$\mathcal{O}(1; \{12^5, 4^5, 3^9, 2^4\})$	402702336
12	$\mathcal{O}(1; \{12^5, 4^5, 3^{12}\})$	3221176320
12	$\mathcal{O}(1; \{12^5, 4^7, 2^{13}\})$	2949120
12	$\mathcal{O}(1; \{12^5, 4^7, 3^3, 2^9\})$	25362432
12	$\mathcal{O}(1; \{12^5, 4^7, 3^6, 2^5\})$	201129984
12	$\mathcal{O}(1; \{12^5, 4^7, 3^9, 2\})$	1610809344
12	$\mathcal{O}(1; \{12^5, 4^9, 2^{10}\})$	11796480
12	$\mathcal{O}(1; \{12^5, 4^9, 3^3, 2^6\})$	101449728
12	$\mathcal{O}(1; \{12^5, 4^9, 3^6, 2^2\})$	804519936
12	$\mathcal{O}(1; \{12^5, 4^{11}, 2^7\})$	47185920
12	$\mathcal{O}(1; \{12^5, 4^{11}, 3^3, 2^3\})$	405798912
12	$\mathcal{O}(1; \{12^5, 4^{13}, 2^4\})$	188743680
12	$\mathcal{O}(1; \{12^5, 4^{13}, 3^3\})$	1623195648
12	$\mathcal{O}(1; \{12^5, 4^{15}, 2\})$	754974720
12	$\mathcal{O}(1; \{12^5, 6, 4, 3, 2^{19}\})$	193536
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^4, 2^{15}\})$	1575936
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^7, 2^{11}\})$	12579840
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^{10}, 2^7\})$	100666368
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^{13}, 2^3\})$	805303296
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3, 2^{16}\})$	774144
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^4, 2^{12}\})$	6303744
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^7, 2^8\})$	50319360
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^{10}, 2^4\})$	402665472
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^{13}\})$	3221213184
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 3, 2^{13}\})$	3096576
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 3^4, 2^9\})$	25214976
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 3^7, 2^5\})$	201277440
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 3^{10}, 2\})$	1610661888
12	$\mathcal{O}(1; \{12^5, 6, 4^7, 3, 2^{10}\})$	12386304
12	$\mathcal{O}(1; \{12^5, 6, 4^7, 3^4, 2^6\})$	100859904
12	$\mathcal{O}(1; \{12^5, 6, 4^7, 3^7, 2^2\})$	805109760
12	$\mathcal{O}(1; \{12^5, 6, 4^9, 3, 2^7\})$	49545216
12	$\mathcal{O}(1; \{12^5, 6, 4^9, 3^4, 2^3\})$	403439616
12	$\mathcal{O}(1; \{12^5, 6, 4^{11}, 3, 2^4\})$	198180864
12	$\mathcal{O}(1; \{12^5, 6, 4^{11}, 3^4\})$	1613758464

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^5, 6, 4^{13}, 3, 2\})$	792723456
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^2, 2^{16}\})$	783360
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^5, 2^{12}\})$	6294528
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^8, 2^8\})$	50328576
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^{11}, 2^4\})$	402656256
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^{14}\})$	3221222400
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3^2, 2^{13}\})$	3133440
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3^5, 2^9\})$	25178112
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3^8, 2^5\})$	201314304
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3^{11}, 2\})$	1610625024
12	$\mathcal{O}(1; \{12^5, 6^2, 4^5, 3^2, 2^{10}\})$	12533760
12	$\mathcal{O}(1; \{12^5, 6^2, 4^5, 3^5, 2^6\})$	100712448
12	$\mathcal{O}(1; \{12^5, 6^2, 4^5, 3^8, 2^2\})$	805257216
12	$\mathcal{O}(1; \{12^5, 6^2, 4^7, 3^2, 2^7\})$	50135040
12	$\mathcal{O}(1; \{12^5, 6^2, 4^7, 3^5, 2^3\})$	402849792
12	$\mathcal{O}(1; \{12^5, 6^2, 4^9, 3^2, 2^4\})$	200540160
12	$\mathcal{O}(1; \{12^5, 6^2, 4^9, 3^5\})$	1611399168
12	$\mathcal{O}(1; \{12^5, 6^2, 4^{11}, 3^2, 2\})$	802160640
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 2^{17}\})$	396288
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^3, 2^{13}\})$	3142656
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^6, 2^9\})$	25168896
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^9, 2^5\})$	201323520
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^{12}, 2\})$	1610615808
12	$\mathcal{O}(1; \{12^5, 6^3, 4^3, 2^{14}\})$	1585152
12	$\mathcal{O}(1; \{12^5, 6^3, 4^3, 3^3, 2^{10}\})$	12570624
12	$\mathcal{O}(1; \{12^5, 6^3, 4^3, 3^6, 2^6\})$	100675584
12	$\mathcal{O}(1; \{12^5, 6^3, 4^3, 3^9, 2^2\})$	805294080
12	$\mathcal{O}(1; \{12^5, 6^3, 4^5, 2^{11}\})$	6340608
12	$\mathcal{O}(1; \{12^5, 6^3, 4^5, 3^3, 2^7\})$	50282496
12	$\mathcal{O}(1; \{12^5, 6^3, 4^5, 3^6, 2^3\})$	402702336
12	$\mathcal{O}(1; \{12^5, 6^3, 4^7, 2^8\})$	25362432
12	$\mathcal{O}(1; \{12^5, 6^3, 4^7, 3^3, 2^4\})$	201129984
12	$\mathcal{O}(1; \{12^5, 6^3, 4^7, 3^6\})$	1610809344
12	$\mathcal{O}(1; \{12^5, 6^3, 4^9, 2^5\})$	101449728
12	$\mathcal{O}(1; \{12^5, 6^3, 4^9, 3^3, 2\})$	804519936
12	$\mathcal{O}(1; \{12^5, 6^3, 4^{11}, 2^2\})$	405798912
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 3, 2^{14}\})$	1575936
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 3^4, 2^{10}\})$	12579840
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 3^7, 2^6\})$	100666368
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 3^{10}, 2^2\})$	805303296
12	$\mathcal{O}(1; \{12^5, 6^4, 4^3, 3, 2^{11}\})$	6303744
12	$\mathcal{O}(1; \{12^5, 6^4, 4^3, 3^4, 2^7\})$	50319360
12	$\mathcal{O}(1; \{12^5, 6^4, 4^3, 3^7, 2^3\})$	402665472

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^5, 6^4, 4^5, 3, 2^8\})$	25214976
12	$\mathcal{O}(1; \{12^5, 6^4, 4^5, 3^4, 2^4\})$	201277440
12	$\mathcal{O}(1; \{12^5, 6^4, 4^5, 3^7\})$	1610661888
12	$\mathcal{O}(1; \{12^5, 6^4, 4^7, 3, 2^5\})$	100859904
12	$\mathcal{O}(1; \{12^5, 6^4, 4^7, 3^4, 2\})$	805109760
12	$\mathcal{O}(1; \{12^5, 6^4, 4^9, 3, 2^2\})$	403439616
12	$\mathcal{O}(1; \{12^5, 6^5, 4, 3^2, 2^{11}\})$	6294528
12	$\mathcal{O}(1; \{12^5, 6^5, 4, 3^5, 2^7\})$	50328576
12	$\mathcal{O}(1; \{12^5, 6^5, 4, 3^8, 2^3\})$	402656256
12	$\mathcal{O}(1; \{12^5, 6^5, 4^3, 3^2, 2^8\})$	25178112
12	$\mathcal{O}(1; \{12^5, 6^5, 4^3, 3^5, 2^4\})$	201314304
12	$\mathcal{O}(1; \{12^5, 6^5, 4^3, 3^8\})$	1610625024
12	$\mathcal{O}(1; \{12^5, 6^5, 4^5, 3^2, 2^5\})$	100712448
12	$\mathcal{O}(1; \{12^5, 6^5, 4^5, 3^5, 2\})$	805257216
12	$\mathcal{O}(1; \{12^5, 6^5, 4^7, 3^2, 2^2\})$	402849792
12	$\mathcal{O}(1; \{12^5, 6^6, 4, 2^{12}\})$	3142656
12	$\mathcal{O}(1; \{12^5, 6^6, 4, 3^3, 2^8\})$	25168896
12	$\mathcal{O}(1; \{12^5, 6^6, 4, 3^6, 2^4\})$	201323520
12	$\mathcal{O}(1; \{12^5, 6^6, 4, 3^9\})$	1610615808
12	$\mathcal{O}(1; \{12^5, 6^6, 4^3, 2^9\})$	12570624
12	$\mathcal{O}(1; \{12^5, 6^6, 4^3, 3^3, 2^5\})$	100675584
12	$\mathcal{O}(1; \{12^5, 6^6, 4^3, 3^6, 2\})$	805294080
12	$\mathcal{O}(1; \{12^5, 6^6, 4^5, 2^6\})$	50282496
12	$\mathcal{O}(1; \{12^5, 6^6, 4^5, 3^3, 2^2\})$	402702336
12	$\mathcal{O}(1; \{12^5, 6^6, 4^7, 2^3\})$	201129984
12	$\mathcal{O}(1; \{12^5, 6^6, 4^9\})$	804519936
12	$\mathcal{O}(1; \{12^5, 6^7, 4, 3, 2^9\})$	12579840
12	$\mathcal{O}(1; \{12^5, 6^7, 4, 3^4, 2^5\})$	100666368
12	$\mathcal{O}(1; \{12^5, 6^7, 4, 3^7, 2\})$	805303296
12	$\mathcal{O}(1; \{12^5, 6^7, 4^3, 3, 2^6\})$	50319360
12	$\mathcal{O}(1; \{12^5, 6^7, 4^3, 3^4, 2^2\})$	402665472
12	$\mathcal{O}(1; \{12^5, 6^7, 4^5, 3, 2^3\})$	201277440
12	$\mathcal{O}(1; \{12^5, 6^7, 4^7, 3\})$	805109760
12	$\mathcal{O}(1; \{12^5, 6^8, 4, 3^2, 2^6\})$	50328576
12	$\mathcal{O}(1; \{12^5, 6^8, 4, 3^5, 2^2\})$	402656256
12	$\mathcal{O}(1; \{12^5, 6^8, 4^3, 3^2, 2^3\})$	201314304
12	$\mathcal{O}(1; \{12^5, 6^8, 4^5, 3^2\})$	805257216
12	$\mathcal{O}(1; \{12^5, 6^9, 4, 2^7\})$	25168896
12	$\mathcal{O}(1; \{12^5, 6^9, 4, 3^3, 2^3\})$	201323520
12	$\mathcal{O}(1; \{12^5, 6^9, 4^3, 2^4\})$	100675584
12	$\mathcal{O}(1; \{12^5, 6^9, 4^3, 3^3\})$	805294080
12	$\mathcal{O}(1; \{12^5, 6^9, 4^5, 2\})$	402702336
12	$\mathcal{O}(1; \{12^5, 6^{10}, 4, 3, 2^4\})$	100666368

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^5, 6^{10}, 4, 3^4\})$	805303296
12	$\mathcal{O}(1; \{12^5, 6^{10}, 4^3, 3, 2\})$	402665472
12	$\mathcal{O}(1; \{12^5, 6^{11}, 4, 3^2, 2\})$	402656256
12	$\mathcal{O}(1; \{12^5, 6^{12}, 4, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12^6, 3^2, 2^{19}\})$	396288
12	$\mathcal{O}(1; \{12^6, 3^5, 2^{15}\})$	3142656
12	$\mathcal{O}(1; \{12^6, 3^8, 2^{11}\})$	25168896
12	$\mathcal{O}(1; \{12^6, 3^{11}, 2^7\})$	201323520
12	$\mathcal{O}(1; \{12^6, 3^{14}, 2^3\})$	1610615808
12	$\mathcal{O}(1; \{12^6, 4^2, 3^2, 2^{16}\})$	1585152
12	$\mathcal{O}(1; \{12^6, 4^2, 3^5, 2^{12}\})$	12570624
12	$\mathcal{O}(1; \{12^6, 4^2, 3^8, 2^8\})$	100675584
12	$\mathcal{O}(1; \{12^6, 4^2, 3^{11}, 2^4\})$	805294080
12	$\mathcal{O}(1; \{12^6, 4^2, 3^{14}\})$	6442463232
12	$\mathcal{O}(1; \{12^6, 4^4, 3^2, 2^{13}\})$	6340608
12	$\mathcal{O}(1; \{12^6, 4^4, 3^5, 2^9\})$	50282496
12	$\mathcal{O}(1; \{12^6, 4^4, 3^8, 2^5\})$	402702336
12	$\mathcal{O}(1; \{12^6, 4^4, 3^{11}, 2\})$	3221176320
12	$\mathcal{O}(1; \{12^6, 4^6, 3^2, 2^{10}\})$	25362432
12	$\mathcal{O}(1; \{12^6, 4^6, 3^5, 2^6\})$	201129984
12	$\mathcal{O}(1; \{12^6, 4^6, 3^8, 2^2\})$	1610809344
12	$\mathcal{O}(1; \{12^6, 4^8, 3^2, 2^7\})$	101449728
12	$\mathcal{O}(1; \{12^6, 4^8, 3^5, 2^3\})$	804519936
12	$\mathcal{O}(1; \{12^6, 4^{10}, 3^2, 2^4\})$	405798912
12	$\mathcal{O}(1; \{12^6, 4^{10}, 3^5\})$	3218079744
12	$\mathcal{O}(1; \{12^6, 4^{12}, 3^2, 2\})$	1623195648
12	$\mathcal{O}(1; \{12^6, 6, 2^{20}\})$	193536
12	$\mathcal{O}(1; \{12^6, 6, 3^3, 2^{16}\})$	1575936
12	$\mathcal{O}(1; \{12^6, 6, 3^6, 2^{12}\})$	12579840
12	$\mathcal{O}(1; \{12^6, 6, 3^9, 2^8\})$	100666368
12	$\mathcal{O}(1; \{12^6, 6, 3^{12}, 2^4\})$	805303296
12	$\mathcal{O}(1; \{12^6, 6, 3^{15}\})$	6442454016
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 2^{17}\})$	774144
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^3, 2^{13}\})$	6303744
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^6, 2^9\})$	50319360
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^9, 2^5\})$	402665472
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^{12}, 2\})$	3221213184
12	$\mathcal{O}(1; \{12^6, 6, 4^4, 2^{14}\})$	3096576
12	$\mathcal{O}(1; \{12^6, 6, 4^4, 3^3, 2^{10}\})$	25214976
12	$\mathcal{O}(1; \{12^6, 6, 4^4, 3^6, 2^6\})$	201277440
12	$\mathcal{O}(1; \{12^6, 6, 4^4, 3^9, 2^2\})$	1610661888
12	$\mathcal{O}(1; \{12^6, 6, 4^6, 2^{11}\})$	12386304
12	$\mathcal{O}(1; \{12^6, 6, 4^6, 3^3, 2^7\})$	100859904

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^6, 6, 4^6, 3^6, 2^3\})$	805109760
12	$\mathcal{O}(1; \{12^6, 6, 4^8, 2^8\})$	49545216
12	$\mathcal{O}(1; \{12^6, 6, 4^8, 3^3, 2^4\})$	403439616
12	$\mathcal{O}(1; \{12^6, 6, 4^8, 3^6\})$	3220439040
12	$\mathcal{O}(1; \{12^6, 6, 4^{10}, 2^5\})$	198180864
12	$\mathcal{O}(1; \{12^6, 6, 4^{10}, 3^3, 2\})$	1613758464
12	$\mathcal{O}(1; \{12^6, 6, 4^{12}, 2^2\})$	792723456
12	$\mathcal{O}(1; \{12^6, 6^2, 3, 2^{17}\})$	783360
12	$\mathcal{O}(1; \{12^6, 6^2, 3^4, 2^{13}\})$	6294528
12	$\mathcal{O}(1; \{12^6, 6^2, 3^7, 2^9\})$	50328576
12	$\mathcal{O}(1; \{12^6, 6^2, 3^{10}, 2^5\})$	402656256
12	$\mathcal{O}(1; \{12^6, 6^2, 3^{13}, 2\})$	3221222400
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 3, 2^{14}\})$	3133440
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 3^4, 2^{10}\})$	25178112
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 3^7, 2^6\})$	201314304
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 3^{10}, 2^2\})$	1610625024
12	$\mathcal{O}(1; \{12^6, 6^2, 4^4, 3, 2^{11}\})$	12533760
12	$\mathcal{O}(1; \{12^6, 6^2, 4^4, 3^4, 2^7\})$	100712448
12	$\mathcal{O}(1; \{12^6, 6^2, 4^4, 3^7, 2^3\})$	805257216
12	$\mathcal{O}(1; \{12^6, 6^2, 4^6, 3, 2^8\})$	50135040
12	$\mathcal{O}(1; \{12^6, 6^2, 4^6, 3^4, 2^4\})$	402849792
12	$\mathcal{O}(1; \{12^6, 6^2, 4^6, 3^7\})$	3221028864
12	$\mathcal{O}(1; \{12^6, 6^2, 4^8, 3, 2^5\})$	200540160
12	$\mathcal{O}(1; \{12^6, 6^2, 4^8, 3^4, 2\})$	1611399168
12	$\mathcal{O}(1; \{12^6, 6^2, 4^{10}, 3, 2^2\})$	802160640
12	$\mathcal{O}(1; \{12^6, 6^3, 3^2, 2^{14}\})$	3142656
12	$\mathcal{O}(1; \{12^6, 6^3, 3^5, 2^{10}\})$	25168896
12	$\mathcal{O}(1; \{12^6, 6^3, 3^8, 2^6\})$	201323520
12	$\mathcal{O}(1; \{12^6, 6^3, 3^{11}, 2^2\})$	1610615808
12	$\mathcal{O}(1; \{12^6, 6^3, 4^2, 3^2, 2^{11}\})$	12570624
12	$\mathcal{O}(1; \{12^6, 6^3, 4^2, 3^5, 2^7\})$	100675584
12	$\mathcal{O}(1; \{12^6, 6^3, 4^2, 3^8, 2^3\})$	805294080
12	$\mathcal{O}(1; \{12^6, 6^3, 4^4, 3^2, 2^8\})$	50282496
12	$\mathcal{O}(1; \{12^6, 6^3, 4^4, 3^5, 2^4\})$	402702336
12	$\mathcal{O}(1; \{12^6, 6^3, 4^4, 3^8\})$	3221176320
12	$\mathcal{O}(1; \{12^6, 6^3, 4^6, 3^2, 2^5\})$	201129984
12	$\mathcal{O}(1; \{12^6, 6^3, 4^6, 3^5, 2\})$	1610809344
12	$\mathcal{O}(1; \{12^6, 6^3, 4^8, 3^2, 2^2\})$	804519936
12	$\mathcal{O}(1; \{12^6, 6^4, 2^{15}\})$	1575936
12	$\mathcal{O}(1; \{12^6, 6^4, 3^3, 2^{11}\})$	12579840
12	$\mathcal{O}(1; \{12^6, 6^4, 3^6, 2^7\})$	100666368
12	$\mathcal{O}(1; \{12^6, 6^4, 3^9, 2^3\})$	805303296
12	$\mathcal{O}(1; \{12^6, 6^4, 4^2, 2^{12}\})$	6303744

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^6, 6^4, 4^2, 3^3, 2^8\})$	50319360
12	$\mathcal{O}(1; \{12^6, 6^4, 4^2, 3^6, 2^4\})$	402665472
12	$\mathcal{O}(1; \{12^6, 6^4, 4^2, 3^9\})$	3221213184
12	$\mathcal{O}(1; \{12^6, 6^4, 4^4, 2^9\})$	25214976
12	$\mathcal{O}(1; \{12^6, 6^4, 4^4, 3^3, 2^5\})$	201277440
12	$\mathcal{O}(1; \{12^6, 6^4, 4^4, 3^6, 2\})$	1610661888
12	$\mathcal{O}(1; \{12^6, 6^4, 4^6, 2^6\})$	100859904
12	$\mathcal{O}(1; \{12^6, 6^4, 4^6, 3^3, 2^2\})$	805109760
12	$\mathcal{O}(1; \{12^6, 6^4, 4^8, 2^3\})$	403439616
12	$\mathcal{O}(1; \{12^6, 6^4, 4^{10}\})$	1613758464
12	$\mathcal{O}(1; \{12^6, 6^5, 3, 2^{12}\})$	6294528
12	$\mathcal{O}(1; \{12^6, 6^5, 3^4, 2^8\})$	50328576
12	$\mathcal{O}(1; \{12^6, 6^5, 3^7, 2^4\})$	402656256
12	$\mathcal{O}(1; \{12^6, 6^5, 3^{10}\})$	3221222400
12	$\mathcal{O}(1; \{12^6, 6^5, 4^2, 3, 2^9\})$	25178112
12	$\mathcal{O}(1; \{12^6, 6^5, 4^2, 3^4, 2^5\})$	201314304
12	$\mathcal{O}(1; \{12^6, 6^5, 4^2, 3^7, 2\})$	1610625024
12	$\mathcal{O}(1; \{12^6, 6^5, 4^4, 3, 2^6\})$	100712448
12	$\mathcal{O}(1; \{12^6, 6^5, 4^4, 3^4, 2^2\})$	805257216
12	$\mathcal{O}(1; \{12^6, 6^5, 4^6, 3, 2^3\})$	402849792
12	$\mathcal{O}(1; \{12^6, 6^5, 4^8, 3\})$	1611399168
12	$\mathcal{O}(1; \{12^6, 6^6, 3^2, 2^9\})$	25168896
12	$\mathcal{O}(1; \{12^6, 6^6, 3^5, 2^5\})$	201323520
12	$\mathcal{O}(1; \{12^6, 6^6, 3^8, 2\})$	1610615808
12	$\mathcal{O}(1; \{12^6, 6^6, 4^2, 3^2, 2^6\})$	100675584
12	$\mathcal{O}(1; \{12^6, 6^6, 4^2, 3^5, 2^2\})$	805294080
12	$\mathcal{O}(1; \{12^6, 6^6, 4^4, 3^2, 2^3\})$	402702336
12	$\mathcal{O}(1; \{12^6, 6^6, 4^6, 3^2\})$	1610809344
12	$\mathcal{O}(1; \{12^6, 6^7, 2^{10}\})$	12579840
12	$\mathcal{O}(1; \{12^6, 6^7, 3^3, 2^6\})$	100666368
12	$\mathcal{O}(1; \{12^6, 6^7, 3^6, 2^2\})$	805303296
12	$\mathcal{O}(1; \{12^6, 6^7, 4^2, 2^7\})$	50319360
12	$\mathcal{O}(1; \{12^6, 6^7, 4^2, 3^3, 2^3\})$	402665472
12	$\mathcal{O}(1; \{12^6, 6^7, 4^4, 2^4\})$	201277440
12	$\mathcal{O}(1; \{12^6, 6^7, 4^4, 3^3\})$	1610661888
12	$\mathcal{O}(1; \{12^6, 6^7, 4^6, 2\})$	805109760
12	$\mathcal{O}(1; \{12^6, 6^8, 3, 2^7\})$	50328576
12	$\mathcal{O}(1; \{12^6, 6^8, 3^4, 2^3\})$	402656256
12	$\mathcal{O}(1; \{12^6, 6^8, 4^2, 3, 2^4\})$	201314304
12	$\mathcal{O}(1; \{12^6, 6^8, 4^2, 3^4\})$	1610625024
12	$\mathcal{O}(1; \{12^6, 6^8, 4^4, 3, 2\})$	805257216
12	$\mathcal{O}(1; \{12^6, 6^9, 3^2, 2^4\})$	201323520
12	$\mathcal{O}(1; \{12^6, 6^9, 3^5\})$	1610615808

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^6, 6^9, 4^2, 3^2, 2\})$	805294080
12	$\mathcal{O}(1; \{12^6, 6^{10}, 2^5\})$	100666368
12	$\mathcal{O}(1; \{12^6, 6^{10}, 3^3, 2\})$	805303296
12	$\mathcal{O}(1; \{12^6, 6^{10}, 4^2, 2^2\})$	402665472
12	$\mathcal{O}(1; \{12^6, 6^{11}, 3, 2^2\})$	402656256
12	$\mathcal{O}(1; \{12^6, 6^{13}\})$	805303296
12	$\mathcal{O}(1; \{12^7, 4, 3, 2^{17}\})$	1585152
12	$\mathcal{O}(1; \{12^7, 4, 3^4, 2^{13}\})$	12570624
12	$\mathcal{O}(1; \{12^7, 4, 3^7, 2^9\})$	100675584
12	$\mathcal{O}(1; \{12^7, 4, 3^{10}, 2^5\})$	805294080
12	$\mathcal{O}(1; \{12^7, 4, 3^{13}, 2\})$	6442463232
12	$\mathcal{O}(1; \{12^7, 4^3, 3, 2^{14}\})$	6340608
12	$\mathcal{O}(1; \{12^7, 4^3, 3^4, 2^{10}\})$	50282496
12	$\mathcal{O}(1; \{12^7, 4^3, 3^7, 2^6\})$	402702336
12	$\mathcal{O}(1; \{12^7, 4^3, 3^{10}, 2^2\})$	3221176320
12	$\mathcal{O}(1; \{12^7, 4^5, 3, 2^{11}\})$	25362432
12	$\mathcal{O}(1; \{12^7, 4^5, 3^4, 2^7\})$	201129984
12	$\mathcal{O}(1; \{12^7, 4^5, 3^7, 2^3\})$	1610809344
12	$\mathcal{O}(1; \{12^7, 4^7, 3, 2^8\})$	101449728
12	$\mathcal{O}(1; \{12^7, 4^7, 3^4, 2^4\})$	804519936
12	$\mathcal{O}(1; \{12^7, 4^7, 3^7\})$	6443237376
12	$\mathcal{O}(1; \{12^7, 4^9, 3, 2^5\})$	405798912
12	$\mathcal{O}(1; \{12^7, 4^9, 3^4, 2\})$	3218079744
12	$\mathcal{O}(1; \{12^7, 4^{11}, 3, 2^2\})$	1623195648
12	$\mathcal{O}(1; \{12^7, 6, 4, 3^2, 2^{14}\})$	6303744
12	$\mathcal{O}(1; \{12^7, 6, 4, 3^5, 2^{10}\})$	50319360
12	$\mathcal{O}(1; \{12^7, 6, 4, 3^8, 2^6\})$	402665472
12	$\mathcal{O}(1; \{12^7, 6, 4, 3^{11}, 2^2\})$	3221213184
12	$\mathcal{O}(1; \{12^7, 6, 4^3, 3^2, 2^{11}\})$	25214976
12	$\mathcal{O}(1; \{12^7, 6, 4^3, 3^5, 2^7\})$	201277440
12	$\mathcal{O}(1; \{12^7, 6, 4^3, 3^8, 2^3\})$	1610661888
12	$\mathcal{O}(1; \{12^7, 6, 4^5, 3^2, 2^8\})$	100859904
12	$\mathcal{O}(1; \{12^7, 6, 4^5, 3^5, 2^4\})$	805109760
12	$\mathcal{O}(1; \{12^7, 6, 4^5, 3^8\})$	6442647552
12	$\mathcal{O}(1; \{12^7, 6, 4^7, 3^2, 2^5\})$	403439616
12	$\mathcal{O}(1; \{12^7, 6, 4^7, 3^5, 2\})$	3220439040
12	$\mathcal{O}(1; \{12^7, 6, 4^9, 3^2, 2^2\})$	1613758464
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 2^{15}\})$	3133440
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 3^3, 2^{11}\})$	25178112
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 3^6, 2^7\})$	201314304
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 3^9, 2^3\})$	1610625024
12	$\mathcal{O}(1; \{12^7, 6^2, 4^3, 2^{12}\})$	12533760
12	$\mathcal{O}(1; \{12^7, 6^2, 4^3, 3^3, 2^8\})$	100712448

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^7, 6^2, 4^3, 3^6, 2^4\})$	805257216
12	$\mathcal{O}(1; \{12^7, 6^2, 4^3, 3^9\})$	6442500096
12	$\mathcal{O}(1; \{12^7, 6^2, 4^5, 2^9\})$	50135040
12	$\mathcal{O}(1; \{12^7, 6^2, 4^5, 3^3, 2^5\})$	402849792
12	$\mathcal{O}(1; \{12^7, 6^2, 4^5, 3^6, 2\})$	3221028864
12	$\mathcal{O}(1; \{12^7, 6^2, 4^7, 2^6\})$	200540160
12	$\mathcal{O}(1; \{12^7, 6^2, 4^7, 3^3, 2^2\})$	1611399168
12	$\mathcal{O}(1; \{12^7, 6^2, 4^9, 2^3\})$	802160640
12	$\mathcal{O}(1; \{12^7, 6^2, 4^{11}\})$	3208642560
12	$\mathcal{O}(1; \{12^7, 6^3, 4, 3, 2^{12}\})$	12570624
12	$\mathcal{O}(1; \{12^7, 6^3, 4, 3^4, 2^8\})$	100675584
12	$\mathcal{O}(1; \{12^7, 6^3, 4, 3^7, 2^4\})$	805294080
12	$\mathcal{O}(1; \{12^7, 6^3, 4, 3^{10}\})$	6442463232
12	$\mathcal{O}(1; \{12^7, 6^3, 4^3, 3, 2^9\})$	50282496
12	$\mathcal{O}(1; \{12^7, 6^3, 4^3, 3^4, 2^5\})$	402702336
12	$\mathcal{O}(1; \{12^7, 6^3, 4^3, 3^7, 2\})$	3221176320
12	$\mathcal{O}(1; \{12^7, 6^3, 4^5, 3, 2^6\})$	201129984
12	$\mathcal{O}(1; \{12^7, 6^3, 4^5, 3^4, 2^2\})$	1610809344
12	$\mathcal{O}(1; \{12^7, 6^3, 4^7, 3, 2^3\})$	804519936
12	$\mathcal{O}(1; \{12^7, 6^3, 4^9, 3\})$	3218079744
12	$\mathcal{O}(1; \{12^7, 6^4, 4, 3^2, 2^9\})$	50319360
12	$\mathcal{O}(1; \{12^7, 6^4, 4, 3^5, 2^5\})$	402665472
12	$\mathcal{O}(1; \{12^7, 6^4, 4, 3^8, 2\})$	3221213184
12	$\mathcal{O}(1; \{12^7, 6^4, 4^3, 3^2, 2^6\})$	201277440
12	$\mathcal{O}(1; \{12^7, 6^4, 4^3, 3^5, 2^2\})$	1610661888
12	$\mathcal{O}(1; \{12^7, 6^4, 4^5, 3^2, 2^3\})$	805109760
12	$\mathcal{O}(1; \{12^7, 6^4, 4^7, 3^2\})$	3220439040
12	$\mathcal{O}(1; \{12^7, 6^5, 4, 2^{10}\})$	25178112
12	$\mathcal{O}(1; \{12^7, 6^5, 4, 3^3, 2^6\})$	201314304
12	$\mathcal{O}(1; \{12^7, 6^5, 4, 3^6, 2^2\})$	1610625024
12	$\mathcal{O}(1; \{12^7, 6^5, 4^3, 2^7\})$	100712448
12	$\mathcal{O}(1; \{12^7, 6^5, 4^3, 3^3, 2^3\})$	805257216
12	$\mathcal{O}(1; \{12^7, 6^5, 4^5, 2^4\})$	402849792
12	$\mathcal{O}(1; \{12^7, 6^5, 4^5, 3^3\})$	3221028864
12	$\mathcal{O}(1; \{12^7, 6^5, 4^7, 2\})$	1611399168
12	$\mathcal{O}(1; \{12^7, 6^6, 4, 3, 2^7\})$	100675584
12	$\mathcal{O}(1; \{12^7, 6^6, 4, 3^4, 2^3\})$	805294080
12	$\mathcal{O}(1; \{12^7, 6^6, 4^3, 3, 2^4\})$	402702336
12	$\mathcal{O}(1; \{12^7, 6^6, 4^3, 3^4\})$	3221176320
12	$\mathcal{O}(1; \{12^7, 6^6, 4^5, 3, 2\})$	1610809344
12	$\mathcal{O}(1; \{12^7, 6^7, 4, 3^2, 2^4\})$	402665472
12	$\mathcal{O}(1; \{12^7, 6^7, 4, 3^5\})$	3221213184
12	$\mathcal{O}(1; \{12^7, 6^7, 4^3, 3^2, 2\})$	1610661888

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^7, 6^8, 4, 2^5\})$	201314304
12	$\mathcal{O}(1; \{12^7, 6^8, 4, 3^3, 2\})$	1610625024
12	$\mathcal{O}(1; \{12^7, 6^8, 4^3, 2^2\})$	805257216
12	$\mathcal{O}(1; \{12^7, 6^9, 4, 3, 2^2\})$	805294080
12	$\mathcal{O}(1; \{12^7, 6^{11}, 4\})$	1610625024
12	$\mathcal{O}(1; \{12^8, 2^{18}\})$	1585152
12	$\mathcal{O}(1; \{12^8, 3^3, 2^{14}\})$	12570624
12	$\mathcal{O}(1; \{12^8, 3^6, 2^{10}\})$	100675584
12	$\mathcal{O}(1; \{12^8, 3^9, 2^6\})$	805294080
12	$\mathcal{O}(1; \{12^8, 3^{12}, 2^2\})$	6442463232
12	$\mathcal{O}(1; \{12^8, 4^2, 2^{15}\})$	6340608
12	$\mathcal{O}(1; \{12^8, 4^2, 3^3, 2^{11}\})$	50282496
12	$\mathcal{O}(1; \{12^8, 4^2, 3^6, 2^7\})$	402702336
12	$\mathcal{O}(1; \{12^8, 4^2, 3^9, 2^3\})$	3221176320
12	$\mathcal{O}(1; \{12^8, 4^4, 2^{12}\})$	25362432
12	$\mathcal{O}(1; \{12^8, 4^4, 3^3, 2^8\})$	201129984
12	$\mathcal{O}(1; \{12^8, 4^4, 3^6, 2^4\})$	1610809344
12	$\mathcal{O}(1; \{12^8, 4^4, 3^9\})$	12884705280
12	$\mathcal{O}(1; \{12^8, 4^6, 2^9\})$	101449728
12	$\mathcal{O}(1; \{12^8, 4^6, 3^3, 2^5\})$	804519936
12	$\mathcal{O}(1; \{12^8, 4^6, 3^6, 2\})$	6443237376
12	$\mathcal{O}(1; \{12^8, 4^8, 2^6\})$	405798912
12	$\mathcal{O}(1; \{12^8, 4^8, 3^3, 2^2\})$	3218079744
12	$\mathcal{O}(1; \{12^8, 4^{10}, 2^3\})$	1623195648
12	$\mathcal{O}(1; \{12^8, 4^{12}\})$	6492782592
12	$\mathcal{O}(1; \{12^8, 6, 3, 2^{15}\})$	6303744
12	$\mathcal{O}(1; \{12^8, 6, 3^4, 2^{11}\})$	50319360
12	$\mathcal{O}(1; \{12^8, 6, 3^7, 2^7\})$	402665472
12	$\mathcal{O}(1; \{12^8, 6, 3^{10}, 2^3\})$	3221213184
12	$\mathcal{O}(1; \{12^8, 6, 4^2, 3, 2^{12}\})$	25214976
12	$\mathcal{O}(1; \{12^8, 6, 4^2, 3^4, 2^8\})$	201277440
12	$\mathcal{O}(1; \{12^8, 6, 4^2, 3^7, 2^4\})$	1610661888
12	$\mathcal{O}(1; \{12^8, 6, 4^2, 3^{10}\})$	12884852736
12	$\mathcal{O}(1; \{12^8, 6, 4^4, 3, 2^9\})$	100859904
12	$\mathcal{O}(1; \{12^8, 6, 4^4, 3^4, 2^5\})$	805109760
12	$\mathcal{O}(1; \{12^8, 6, 4^4, 3^7, 2\})$	6442647552
12	$\mathcal{O}(1; \{12^8, 6, 4^6, 3, 2^6\})$	403439616
12	$\mathcal{O}(1; \{12^8, 6, 4^6, 3^4, 2^2\})$	3220439040
12	$\mathcal{O}(1; \{12^8, 6, 4^8, 3, 2^3\})$	1613758464
12	$\mathcal{O}(1; \{12^8, 6, 4^{10}, 3\})$	6455033856
12	$\mathcal{O}(1; \{12^8, 6^2, 3^2, 2^{12}\})$	25178112
12	$\mathcal{O}(1; \{12^8, 6^2, 3^5, 2^8\})$	201314304
12	$\mathcal{O}(1; \{12^8, 6^2, 3^8, 2^4\})$	1610625024

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^8, 6^2, 3^{11}\})$	12884889600
12	$\mathcal{O}(1; \{12^8, 6^2, 4^2, 3^2, 2^9\})$	100712448
12	$\mathcal{O}(1; \{12^8, 6^2, 4^2, 3^5, 2^5\})$	805257216
12	$\mathcal{O}(1; \{12^8, 6^2, 4^2, 3^8, 2\})$	6442500096
12	$\mathcal{O}(1; \{12^8, 6^2, 4^4, 3^2, 2^6\})$	402849792
12	$\mathcal{O}(1; \{12^8, 6^2, 4^4, 3^5, 2^2\})$	3221028864
12	$\mathcal{O}(1; \{12^8, 6^2, 4^6, 3^2, 2^3\})$	1611399168
12	$\mathcal{O}(1; \{12^8, 6^2, 4^8, 3^2\})$	6445596672
12	$\mathcal{O}(1; \{12^8, 6^3, 2^{13}\})$	12570624
12	$\mathcal{O}(1; \{12^8, 6^3, 3^3, 2^9\})$	100675584
12	$\mathcal{O}(1; \{12^8, 6^3, 3^6, 2^5\})$	805294080
12	$\mathcal{O}(1; \{12^8, 6^3, 3^9, 2\})$	6442463232
12	$\mathcal{O}(1; \{12^8, 6^3, 4^2, 2^{10}\})$	50282496
12	$\mathcal{O}(1; \{12^8, 6^3, 4^2, 3^3, 2^6\})$	402702336
12	$\mathcal{O}(1; \{12^8, 6^3, 4^2, 3^6, 2^2\})$	3221176320
12	$\mathcal{O}(1; \{12^8, 6^3, 4^4, 2^7\})$	201129984
12	$\mathcal{O}(1; \{12^8, 6^3, 4^4, 3^3, 2^3\})$	1610809344
12	$\mathcal{O}(1; \{12^8, 6^3, 4^6, 2^4\})$	804519936
12	$\mathcal{O}(1; \{12^8, 6^3, 4^6, 3^3\})$	6443237376
12	$\mathcal{O}(1; \{12^8, 6^3, 4^8, 2\})$	3218079744
12	$\mathcal{O}(1; \{12^8, 6^4, 3, 2^{10}\})$	50319360
12	$\mathcal{O}(1; \{12^8, 6^4, 3^4, 2^6\})$	402665472
12	$\mathcal{O}(1; \{12^8, 6^4, 3^7, 2^2\})$	3221213184
12	$\mathcal{O}(1; \{12^8, 6^4, 4^2, 3, 2^7\})$	201277440
12	$\mathcal{O}(1; \{12^8, 6^4, 4^2, 3^4, 2^3\})$	1610661888
12	$\mathcal{O}(1; \{12^8, 6^4, 4^4, 3, 2^4\})$	805109760
12	$\mathcal{O}(1; \{12^8, 6^4, 4^4, 3^4\})$	6442647552
12	$\mathcal{O}(1; \{12^8, 6^4, 4^6, 3, 2\})$	3220439040
12	$\mathcal{O}(1; \{12^8, 6^5, 3^2, 2^7\})$	201314304
12	$\mathcal{O}(1; \{12^8, 6^5, 3^5, 2^3\})$	1610625024
12	$\mathcal{O}(1; \{12^8, 6^5, 4^2, 3^2, 2^4\})$	805257216
12	$\mathcal{O}(1; \{12^8, 6^5, 4^2, 3^5\})$	6442500096
12	$\mathcal{O}(1; \{12^8, 6^5, 4^4, 3^2, 2\})$	3221028864
12	$\mathcal{O}(1; \{12^8, 6^6, 2^8\})$	100675584
12	$\mathcal{O}(1; \{12^8, 6^6, 3^3, 2^4\})$	805294080
12	$\mathcal{O}(1; \{12^8, 6^6, 3^6\})$	6442463232
12	$\mathcal{O}(1; \{12^8, 6^6, 4^2, 2^5\})$	402702336
12	$\mathcal{O}(1; \{12^8, 6^6, 4^2, 3^3, 2\})$	3221176320
12	$\mathcal{O}(1; \{12^8, 6^6, 4^4, 2^2\})$	1610809344
12	$\mathcal{O}(1; \{12^8, 6^7, 3, 2^5\})$	402665472
12	$\mathcal{O}(1; \{12^8, 6^7, 3^4, 2\})$	3221213184
12	$\mathcal{O}(1; \{12^8, 6^7, 4^2, 3, 2^2\})$	1610661888
12	$\mathcal{O}(1; \{12^8, 6^8, 3^2, 2^2\})$	1610625024

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^8, 6^9, 2^3\})$	805294080
12	$\mathcal{O}(1; \{12^8, 6^9, 4^2\})$	3221176320
12	$\mathcal{O}(1; \{12^8, 6^{10}, 3\})$	3221213184
12	$\mathcal{O}(1; \{12^9, 4, 3^2, 2^{12}\})$	50282496
12	$\mathcal{O}(1; \{12^9, 4, 3^5, 2^8\})$	402702336
12	$\mathcal{O}(1; \{12^9, 4, 3^8, 2^4\})$	3221176320
12	$\mathcal{O}(1; \{12^9, 4, 3^{11}\})$	25769852928
12	$\mathcal{O}(1; \{12^9, 4^3, 3^2, 2^9\})$	201129984
12	$\mathcal{O}(1; \{12^9, 4^3, 3^5, 2^5\})$	1610809344
12	$\mathcal{O}(1; \{12^9, 4^3, 3^8, 2\})$	12884705280
12	$\mathcal{O}(1; \{12^9, 4^5, 3^2, 2^6\})$	804519936
12	$\mathcal{O}(1; \{12^9, 4^5, 3^5, 2^2\})$	6443237376
12	$\mathcal{O}(1; \{12^9, 4^7, 3^2, 2^3\})$	3218079744
12	$\mathcal{O}(1; \{12^9, 4^9, 3^2\})$	12872318976
12	$\mathcal{O}(1; \{12^9, 6, 4, 2^{13}\})$	25214976
12	$\mathcal{O}(1; \{12^9, 6, 4, 3^3, 2^9\})$	201277440
12	$\mathcal{O}(1; \{12^9, 6, 4, 3^6, 2^5\})$	1610661888
12	$\mathcal{O}(1; \{12^9, 6, 4, 3^9, 2\})$	12884852736
12	$\mathcal{O}(1; \{12^9, 6, 4^3, 2^{10}\})$	100859904
12	$\mathcal{O}(1; \{12^9, 6, 4^3, 3^3, 2^6\})$	805109760
12	$\mathcal{O}(1; \{12^9, 6, 4^3, 3^6, 2^2\})$	6442647552
12	$\mathcal{O}(1; \{12^9, 6, 4^5, 2^7\})$	403439616
12	$\mathcal{O}(1; \{12^9, 6, 4^5, 3^3, 2^3\})$	3220439040
12	$\mathcal{O}(1; \{12^9, 6, 4^7, 2^4\})$	1613758464
12	$\mathcal{O}(1; \{12^9, 6, 4^7, 3^3\})$	12881756160
12	$\mathcal{O}(1; \{12^9, 6, 4^9, 2\})$	6455033856
12	$\mathcal{O}(1; \{12^9, 6^2, 4, 3, 2^{10}\})$	100712448
12	$\mathcal{O}(1; \{12^9, 6^2, 4, 3^4, 2^6\})$	805257216
12	$\mathcal{O}(1; \{12^9, 6^2, 4, 3^7, 2^2\})$	6442500096
12	$\mathcal{O}(1; \{12^9, 6^2, 4^3, 3, 2^7\})$	402849792
12	$\mathcal{O}(1; \{12^9, 6^2, 4^3, 3^4, 2^3\})$	3221028864
12	$\mathcal{O}(1; \{12^9, 6^2, 4^5, 3, 2^4\})$	1611399168
12	$\mathcal{O}(1; \{12^9, 6^2, 4^5, 3^4\})$	12884115456
12	$\mathcal{O}(1; \{12^9, 6^2, 4^7, 3, 2\})$	6445596672
12	$\mathcal{O}(1; \{12^9, 6^3, 4, 3^2, 2^7\})$	402702336
12	$\mathcal{O}(1; \{12^9, 6^3, 4, 3^5, 2^3\})$	3221176320
12	$\mathcal{O}(1; \{12^9, 6^3, 4^3, 3^2, 2^4\})$	1610809344
12	$\mathcal{O}(1; \{12^9, 6^3, 4^3, 3^5\})$	12884705280
12	$\mathcal{O}(1; \{12^9, 6^3, 4^5, 3^2, 2\})$	6443237376
12	$\mathcal{O}(1; \{12^9, 6^4, 4, 2^8\})$	201277440
12	$\mathcal{O}(1; \{12^9, 6^4, 4, 3^3, 2^4\})$	1610661888
12	$\mathcal{O}(1; \{12^9, 6^4, 4, 3^6\})$	12884852736
12	$\mathcal{O}(1; \{12^9, 6^4, 4^3, 2^5\})$	805109760

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^9, 6^4, 4^3, 3^3, 2\})$	6442647552
12	$\mathcal{O}(1; \{12^9, 6^4, 4^5, 2^2\})$	3220439040
12	$\mathcal{O}(1; \{12^9, 6^5, 4, 3, 2^5\})$	805257216
12	$\mathcal{O}(1; \{12^9, 6^5, 4, 3^4, 2\})$	6442500096
12	$\mathcal{O}(1; \{12^9, 6^5, 4^3, 3, 2^2\})$	3221028864
12	$\mathcal{O}(1; \{12^9, 6^6, 4, 3^2, 2^2\})$	3221176320
12	$\mathcal{O}(1; \{12^9, 6^7, 4, 2^3\})$	1610661888
12	$\mathcal{O}(1; \{12^9, 6^7, 4^3\})$	6442647552
12	$\mathcal{O}(1; \{12^9, 6^8, 4, 3\})$	6442500096
12	$\mathcal{O}(1; \{12^{10}, 3, 2^{13}\})$	50282496
12	$\mathcal{O}(1; \{12^{10}, 3^4, 2^9\})$	402702336
12	$\mathcal{O}(1; \{12^{10}, 3^7, 2^5\})$	3221176320
12	$\mathcal{O}(1; \{12^{10}, 3^{10}, 2\})$	25769852928
12	$\mathcal{O}(1; \{12^{10}, 4^2, 3, 2^{10}\})$	201129984
12	$\mathcal{O}(1; \{12^{10}, 4^2, 3^4, 2^6\})$	1610809344
12	$\mathcal{O}(1; \{12^{10}, 4^2, 3^7, 2^2\})$	12884705280
12	$\mathcal{O}(1; \{12^{10}, 4^4, 3, 2^7\})$	804519936
12	$\mathcal{O}(1; \{12^{10}, 4^4, 3^4, 2^3\})$	6443237376
12	$\mathcal{O}(1; \{12^{10}, 4^6, 3, 2^4\})$	3218079744
12	$\mathcal{O}(1; \{12^{10}, 4^6, 3^4\})$	25772949504
12	$\mathcal{O}(1; \{12^{10}, 4^8, 3, 2\})$	12872318976
12	$\mathcal{O}(1; \{12^{10}, 6, 3^2, 2^{10}\})$	201277440
12	$\mathcal{O}(1; \{12^{10}, 6, 3^5, 2^6\})$	1610661888
12	$\mathcal{O}(1; \{12^{10}, 6, 3^8, 2^2\})$	12884852736
12	$\mathcal{O}(1; \{12^{10}, 6, 4^2, 3^2, 2^7\})$	805109760
12	$\mathcal{O}(1; \{12^{10}, 6, 4^2, 3^5, 2^3\})$	6442647552
12	$\mathcal{O}(1; \{12^{10}, 6, 4^4, 3^2, 2^4\})$	3220439040
12	$\mathcal{O}(1; \{12^{10}, 6, 4^4, 3^5\})$	25770590208
12	$\mathcal{O}(1; \{12^{10}, 6, 4^6, 3^2, 2\})$	12881756160
12	$\mathcal{O}(1; \{12^{10}, 6^2, 2^{11}\})$	100712448
12	$\mathcal{O}(1; \{12^{10}, 6^2, 3^3, 2^7\})$	805257216
12	$\mathcal{O}(1; \{12^{10}, 6^2, 3^6, 2^3\})$	6442500096
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^2, 2^8\})$	402849792
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^2, 3^3, 2^4\})$	3221028864
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^2, 3^6\})$	25770000384
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^4, 2^5\})$	1611399168
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^4, 3^3, 2\})$	12884115456
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^6, 2^2\})$	6445596672
12	$\mathcal{O}(1; \{12^{10}, 6^3, 3, 2^8\})$	402702336
12	$\mathcal{O}(1; \{12^{10}, 6^3, 3^4, 2^4\})$	3221176320
12	$\mathcal{O}(1; \{12^{10}, 6^3, 3^7\})$	25769852928
12	$\mathcal{O}(1; \{12^{10}, 6^3, 4^2, 3, 2^5\})$	1610809344
12	$\mathcal{O}(1; \{12^{10}, 6^3, 4^2, 3^4, 2\})$	12884705280

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^{10}, 6^3, 4^4, 3, 2^2\})$	6443237376
12	$\mathcal{O}(1; \{12^{10}, 6^4, 3^2, 2^5\})$	1610661888
12	$\mathcal{O}(1; \{12^{10}, 6^4, 3^5, 2\})$	12884852736
12	$\mathcal{O}(1; \{12^{10}, 6^4, 4^2, 3^2, 2^2\})$	6442647552
12	$\mathcal{O}(1; \{12^{10}, 6^5, 2^6\})$	805257216
12	$\mathcal{O}(1; \{12^{10}, 6^5, 3^3, 2^2\})$	6442500096
12	$\mathcal{O}(1; \{12^{10}, 6^5, 4^2, 2^3\})$	3221028864
12	$\mathcal{O}(1; \{12^{10}, 6^5, 4^4\})$	12884115456
12	$\mathcal{O}(1; \{12^{10}, 6^6, 3, 2^3\})$	3221176320
12	$\mathcal{O}(1; \{12^{10}, 6^6, 4^2, 3\})$	12884705280
12	$\mathcal{O}(1; \{12^{10}, 6^7, 3^2\})$	12884852736
12	$\mathcal{O}(1; \{12^{10}, 6^8, 2\})$	6442500096
12	$\mathcal{O}(1; \{12^{11}, 4, 2^{11}\})$	201129984
12	$\mathcal{O}(1; \{12^{11}, 4, 3^3, 2^7\})$	1610809344
12	$\mathcal{O}(1; \{12^{11}, 4, 3^6, 2^3\})$	12884705280
12	$\mathcal{O}(1; \{12^{11}, 4^3, 2^8\})$	804519936
12	$\mathcal{O}(1; \{12^{11}, 4^3, 3^3, 2^4\})$	6443237376
12	$\mathcal{O}(1; \{12^{11}, 4^3, 3^6\})$	51538821120
12	$\mathcal{O}(1; \{12^{11}, 4^5, 2^5\})$	3218079744
12	$\mathcal{O}(1; \{12^{11}, 4^5, 3^3, 2\})$	25772949504
12	$\mathcal{O}(1; \{12^{11}, 4^7, 2^2\})$	12872318976
12	$\mathcal{O}(1; \{12^{11}, 6, 4, 3, 2^8\})$	805109760
12	$\mathcal{O}(1; \{12^{11}, 6, 4, 3^4, 2^4\})$	6442647552
12	$\mathcal{O}(1; \{12^{11}, 6, 4, 3^7\})$	51539410944
12	$\mathcal{O}(1; \{12^{11}, 6, 4^3, 3, 2^5\})$	3220439040
12	$\mathcal{O}(1; \{12^{11}, 6, 4^3, 3^4, 2\})$	25770590208
12	$\mathcal{O}(1; \{12^{11}, 6, 4^5, 3, 2^2\})$	12881756160
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4, 3^2, 2^5\})$	3221028864
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4, 3^5, 2\})$	25770000384
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4^3, 3^2, 2^2\})$	12884115456
12	$\mathcal{O}(1; \{12^{11}, 6^3, 4, 2^6\})$	1610809344
12	$\mathcal{O}(1; \{12^{11}, 6^3, 4, 3^3, 2^2\})$	12884705280
12	$\mathcal{O}(1; \{12^{11}, 6^3, 4^3, 2^3\})$	6443237376
12	$\mathcal{O}(1; \{12^{11}, 6^3, 4^5\})$	25772949504
12	$\mathcal{O}(1; \{12^{11}, 6^4, 4, 3, 2^3\})$	6442647552
12	$\mathcal{O}(1; \{12^{11}, 6^4, 4^3, 3\})$	25770590208
12	$\mathcal{O}(1; \{12^{11}, 6^5, 4, 3^2\})$	25770000384
12	$\mathcal{O}(1; \{12^{11}, 6^6, 4, 2\})$	12884705280
12	$\mathcal{O}(1; \{12^{12}, 3^2, 2^8\})$	1610809344
12	$\mathcal{O}(1; \{12^{12}, 3^5, 2^4\})$	12884705280
12	$\mathcal{O}(1; \{12^{12}, 3^8\})$	103079411712
12	$\mathcal{O}(1; \{12^{12}, 4^2, 3^2, 2^5\})$	6443237376
12	$\mathcal{O}(1; \{12^{12}, 4^2, 3^5, 2\})$	51538821120

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^{12}, 4^4, 3^2, 2^2\})$	25772949504
12	$\mathcal{O}(1; \{12^{12}, 6, 2^9\})$	805109760
12	$\mathcal{O}(1; \{12^{12}, 6, 3^3, 2^5\})$	6442647552
12	$\mathcal{O}(1; \{12^{12}, 6, 3^6, 2\})$	51539410944
12	$\mathcal{O}(1; \{12^{12}, 6, 4^2, 2^6\})$	3220439040
12	$\mathcal{O}(1; \{12^{12}, 6, 4^2, 3^3, 2^2\})$	25770590208
12	$\mathcal{O}(1; \{12^{12}, 6, 4^4, 2^3\})$	12881756160
12	$\mathcal{O}(1; \{12^{12}, 6, 4^6\})$	51527024640
12	$\mathcal{O}(1; \{12^{12}, 6^2, 3, 2^6\})$	3221028864
12	$\mathcal{O}(1; \{12^{12}, 6^2, 3^4, 2^2\})$	25770000384
12	$\mathcal{O}(1; \{12^{12}, 6^2, 4^2, 3, 2^3\})$	12884115456
12	$\mathcal{O}(1; \{12^{12}, 6^2, 4^4, 3\})$	51536461824
12	$\mathcal{O}(1; \{12^{12}, 6^3, 3^2, 2^3\})$	12884705280
12	$\mathcal{O}(1; \{12^{12}, 6^3, 4^2, 3^2\})$	51538821120
12	$\mathcal{O}(1; \{12^{12}, 6^4, 2^4\})$	6442647552
12	$\mathcal{O}(1; \{12^{12}, 6^4, 3^3\})$	51539410944
12	$\mathcal{O}(1; \{12^{12}, 6^4, 4^2, 2\})$	25770590208
12	$\mathcal{O}(1; \{12^{12}, 6^5, 3, 2\})$	25770000384
12	$\mathcal{O}(1; \{12^{13}, 4, 3, 2^6\})$	6443237376
12	$\mathcal{O}(1; \{12^{13}, 4, 3^4, 2^2\})$	51538821120
12	$\mathcal{O}(1; \{12^{13}, 4^3, 3, 2^3\})$	25772949504
12	$\mathcal{O}(1; \{12^{13}, 4^5, 3\})$	103091798016
12	$\mathcal{O}(1; \{12^{13}, 6, 4, 3^2, 2^3\})$	25770590208
12	$\mathcal{O}(1; \{12^{13}, 6, 4^3, 3^2\})$	103082360832
12	$\mathcal{O}(1; \{12^{13}, 6^2, 4, 2^4\})$	12884115456
12	$\mathcal{O}(1; \{12^{13}, 6^2, 4, 3^3\})$	103080001536
12	$\mathcal{O}(1; \{12^{13}, 6^2, 4^3, 2\})$	51536461824
12	$\mathcal{O}(1; \{12^{13}, 6^3, 4, 3, 2\})$	51538821120
12	$\mathcal{O}(1; \{12^{14}, 2^7\})$	6443237376
12	$\mathcal{O}(1; \{12^{14}, 3^3, 2^3\})$	51538821120
12	$\mathcal{O}(1; \{12^{14}, 4^2, 2^4\})$	25772949504
12	$\mathcal{O}(1; \{12^{14}, 4^2, 3^3\})$	206155284480
12	$\mathcal{O}(1; \{12^{14}, 4^4, 2\})$	103091798016
12	$\mathcal{O}(1; \{12^{14}, 6, 3, 2^4\})$	25770590208
12	$\mathcal{O}(1; \{12^{14}, 6, 3^4\})$	206157643776
12	$\mathcal{O}(1; \{12^{14}, 6, 4^2, 3, 2\})$	103082360832
12	$\mathcal{O}(1; \{12^{14}, 6^2, 3^2, 2\})$	103080001536
12	$\mathcal{O}(1; \{12^{14}, 6^3, 2^2\})$	51538821120
12	$\mathcal{O}(1; \{12^{15}, 4, 3^2, 2\})$	206155284480
12	$\mathcal{O}(1; \{12^{15}, 6, 4, 2^2\})$	103082360832
12	$\mathcal{O}(1; \{12^{16}, 3, 2^2\})$	206155284480
12	$\mathcal{O}(1; \{12^{16}, 6^2\})$	412320006144
12	$\mathcal{O}(1; \{12^{17}, 4\})$	824621137920

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{4^2, 3^2, 2^{31}\})$	4
12	$\mathcal{O}(0; \{4^2, 3^5, 2^{27}\})$	20
12	$\mathcal{O}(0; \{4^2, 3^8, 2^{23}\})$	172
12	$\mathcal{O}(0; \{4^2, 3^{11}, 2^{19}\})$	1364
12	$\mathcal{O}(0; \{4^2, 3^{14}, 2^{15}\})$	10924
12	$\mathcal{O}(0; \{4^2, 3^{17}, 2^{11}\})$	87380
12	$\mathcal{O}(0; \{4^2, 3^{20}, 2^7\})$	699052
12	$\mathcal{O}(0; \{4^2, 3^{23}, 2^3\})$	5592404
12	$\mathcal{O}(0; \{4^4, 3^2, 2^{28}\})$	16
12	$\mathcal{O}(0; \{4^4, 3^5, 2^{24}\})$	80
12	$\mathcal{O}(0; \{4^4, 3^8, 2^{20}\})$	688
12	$\mathcal{O}(0; \{4^4, 3^{11}, 2^{16}\})$	5456
12	$\mathcal{O}(0; \{4^4, 3^{14}, 2^{12}\})$	43696
12	$\mathcal{O}(0; \{4^4, 3^{17}, 2^8\})$	349520
12	$\mathcal{O}(0; \{4^4, 3^{20}, 2^4\})$	2796208
12	$\mathcal{O}(0; \{4^4, 3^{23}\})$	22369616
12	$\mathcal{O}(0; \{4^6, 3^2, 2^{25}\})$	64
12	$\mathcal{O}(0; \{4^6, 3^5, 2^{21}\})$	320
12	$\mathcal{O}(0; \{4^6, 3^8, 2^{17}\})$	2752
12	$\mathcal{O}(0; \{4^6, 3^{11}, 2^{13}\})$	21824
12	$\mathcal{O}(0; \{4^6, 3^{14}, 2^9\})$	174784
12	$\mathcal{O}(0; \{4^6, 3^{17}, 2^5\})$	1398080
12	$\mathcal{O}(0; \{4^6, 3^{20}, 2\})$	11184832
12	$\mathcal{O}(0; \{4^8, 3^2, 2^{22}\})$	256
12	$\mathcal{O}(0; \{4^8, 3^5, 2^{18}\})$	1280
12	$\mathcal{O}(0; \{4^8, 3^8, 2^{14}\})$	11008
12	$\mathcal{O}(0; \{4^8, 3^{11}, 2^{10}\})$	87296
12	$\mathcal{O}(0; \{4^8, 3^{14}, 2^6\})$	699136
12	$\mathcal{O}(0; \{4^8, 3^{17}, 2^2\})$	5592320
12	$\mathcal{O}(0; \{4^{10}, 3^2, 2^{19}\})$	1024
12	$\mathcal{O}(0; \{4^{10}, 3^5, 2^{15}\})$	5120
12	$\mathcal{O}(0; \{4^{10}, 3^8, 2^{11}\})$	44032
12	$\mathcal{O}(0; \{4^{10}, 3^{11}, 2^7\})$	349184
12	$\mathcal{O}(0; \{4^{10}, 3^{14}, 2^3\})$	2796544
12	$\mathcal{O}(0; \{4^{12}, 3^2, 2^{16}\})$	4096
12	$\mathcal{O}(0; \{4^{12}, 3^5, 2^{12}\})$	20480
12	$\mathcal{O}(0; \{4^{12}, 3^8, 2^8\})$	176128
12	$\mathcal{O}(0; \{4^{12}, 3^{11}, 2^4\})$	1396736
12	$\mathcal{O}(0; \{4^{12}, 3^{14}\})$	11186176
12	$\mathcal{O}(0; \{4^{14}, 3^2, 2^{13}\})$	16384
12	$\mathcal{O}(0; \{4^{14}, 3^5, 2^9\})$	81920
12	$\mathcal{O}(0; \{4^{14}, 3^8, 2^5\})$	704512
12	$\mathcal{O}(0; \{4^{14}, 3^{11}, 2\})$	5586944

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{4^{16}, 3^2, 2^{10}\})$	65536
12	$\mathcal{O}(0; \{4^{16}, 3^5, 2^6\})$	327680
12	$\mathcal{O}(0; \{4^{16}, 3^8, 2^2\})$	2818048
12	$\mathcal{O}(0; \{4^{18}, 3^2, 2^7\})$	262144
12	$\mathcal{O}(0; \{4^{18}, 3^5, 2^3\})$	1310720
12	$\mathcal{O}(0; \{4^{20}, 3^2, 2^4\})$	1048576
12	$\mathcal{O}(0; \{4^{20}, 3^5\})$	5242880
12	$\mathcal{O}(0; \{4^{22}, 3^2, 2\})$	4194304
12	$\mathcal{O}(0; \{6, 4^2, 3^3, 2^{28}\})$	12
12	$\mathcal{O}(0; \{6, 4^2, 3^6, 2^{24}\})$	84
12	$\mathcal{O}(0; \{6, 4^2, 3^9, 2^{20}\})$	684
12	$\mathcal{O}(0; \{6, 4^2, 3^{12}, 2^{16}\})$	5460
12	$\mathcal{O}(0; \{6, 4^2, 3^{15}, 2^{12}\})$	43692
12	$\mathcal{O}(0; \{6, 4^2, 3^{18}, 2^8\})$	349524
12	$\mathcal{O}(0; \{6, 4^2, 3^{21}, 2^4\})$	2796204
12	$\mathcal{O}(0; \{6, 4^2, 3^{24}\})$	22369620
12	$\mathcal{O}(0; \{6, 4^4, 3^3, 2^{25}\})$	48
12	$\mathcal{O}(0; \{6, 4^4, 3^6, 2^{21}\})$	336
12	$\mathcal{O}(0; \{6, 4^4, 3^9, 2^{17}\})$	2736
12	$\mathcal{O}(0; \{6, 4^4, 3^{12}, 2^{13}\})$	21840
12	$\mathcal{O}(0; \{6, 4^4, 3^{15}, 2^9\})$	174768
12	$\mathcal{O}(0; \{6, 4^4, 3^{18}, 2^5\})$	1398096
12	$\mathcal{O}(0; \{6, 4^4, 3^{21}, 2\})$	11184816
12	$\mathcal{O}(0; \{6, 4^6, 3^3, 2^{22}\})$	192
12	$\mathcal{O}(0; \{6, 4^6, 3^6, 2^{18}\})$	1344
12	$\mathcal{O}(0; \{6, 4^6, 3^9, 2^{14}\})$	10944
12	$\mathcal{O}(0; \{6, 4^6, 3^{12}, 2^{10}\})$	87360
12	$\mathcal{O}(0; \{6, 4^6, 3^{15}, 2^6\})$	699072
12	$\mathcal{O}(0; \{6, 4^6, 3^{18}, 2^2\})$	5592384
12	$\mathcal{O}(0; \{6, 4^8, 3^3, 2^{19}\})$	768
12	$\mathcal{O}(0; \{6, 4^8, 3^6, 2^{15}\})$	5376
12	$\mathcal{O}(0; \{6, 4^8, 3^9, 2^{11}\})$	43776
12	$\mathcal{O}(0; \{6, 4^8, 3^{12}, 2^7\})$	349440
12	$\mathcal{O}(0; \{6, 4^8, 3^{15}, 2^3\})$	2796288
12	$\mathcal{O}(0; \{6, 4^{10}, 3^3, 2^{16}\})$	3072
12	$\mathcal{O}(0; \{6, 4^{10}, 3^6, 2^{12}\})$	21504
12	$\mathcal{O}(0; \{6, 4^{10}, 3^9, 2^8\})$	175104
12	$\mathcal{O}(0; \{6, 4^{10}, 3^{12}, 2^4\})$	1397760
12	$\mathcal{O}(0; \{6, 4^{10}, 3^{15}\})$	11185152
12	$\mathcal{O}(0; \{6, 4^{12}, 3^3, 2^{13}\})$	12288
12	$\mathcal{O}(0; \{6, 4^{12}, 3^6, 2^9\})$	86016
12	$\mathcal{O}(0; \{6, 4^{12}, 3^9, 2^5\})$	700416
12	$\mathcal{O}(0; \{6, 4^{12}, 3^{12}, 2\})$	5591040

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6, 4^{14}, 3^3, 2^{10}\})$	49152
12	$\mathcal{O}(0; \{6, 4^{14}, 3^6, 2^6\})$	344064
12	$\mathcal{O}(0; \{6, 4^{14}, 3^9, 2^2\})$	2801664
12	$\mathcal{O}(0; \{6, 4^{16}, 3^3, 2^7\})$	196608
12	$\mathcal{O}(0; \{6, 4^{16}, 3^6, 2^3\})$	1376256
12	$\mathcal{O}(0; \{6, 4^{18}, 3^3, 2^4\})$	786432
12	$\mathcal{O}(0; \{6, 4^{18}, 3^6\})$	5505024
12	$\mathcal{O}(0; \{6, 4^{20}, 3^3, 2\})$	3145728
12	$\mathcal{O}(0; \{6^2, 4^2, 3, 2^{29}\})$	4
12	$\mathcal{O}(0; \{6^2, 4^2, 3^4, 2^{25}\})$	44
12	$\mathcal{O}(0; \{6^2, 4^2, 3^7, 2^{21}\})$	340
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{10}, 2^{17}\})$	2732
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{13}, 2^{13}\})$	21844
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{16}, 2^9\})$	174764
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{19}, 2^5\})$	1398100
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{22}, 2\})$	11184812
12	$\mathcal{O}(0; \{6^2, 4^4, 3, 2^{26}\})$	16
12	$\mathcal{O}(0; \{6^2, 4^4, 3^4, 2^{22}\})$	176
12	$\mathcal{O}(0; \{6^2, 4^4, 3^7, 2^{18}\})$	1360
12	$\mathcal{O}(0; \{6^2, 4^4, 3^{10}, 2^{14}\})$	10928
12	$\mathcal{O}(0; \{6^2, 4^4, 3^{13}, 2^{10}\})$	87376
12	$\mathcal{O}(0; \{6^2, 4^4, 3^{16}, 2^6\})$	699056
12	$\mathcal{O}(0; \{6^2, 4^4, 3^{19}, 2^2\})$	5592400
12	$\mathcal{O}(0; \{6^2, 4^6, 3, 2^{23}\})$	64
12	$\mathcal{O}(0; \{6^2, 4^6, 3^4, 2^{19}\})$	704
12	$\mathcal{O}(0; \{6^2, 4^6, 3^7, 2^{15}\})$	5440
12	$\mathcal{O}(0; \{6^2, 4^6, 3^{10}, 2^{11}\})$	43712
12	$\mathcal{O}(0; \{6^2, 4^6, 3^{13}, 2^7\})$	349504
12	$\mathcal{O}(0; \{6^2, 4^6, 3^{16}, 2^3\})$	2796224
12	$\mathcal{O}(0; \{6^2, 4^8, 3, 2^{20}\})$	256
12	$\mathcal{O}(0; \{6^2, 4^8, 3^4, 2^{16}\})$	2816
12	$\mathcal{O}(0; \{6^2, 4^8, 3^7, 2^{12}\})$	21760
12	$\mathcal{O}(0; \{6^2, 4^8, 3^{10}, 2^8\})$	174848
12	$\mathcal{O}(0; \{6^2, 4^8, 3^{13}, 2^4\})$	1398016
12	$\mathcal{O}(0; \{6^2, 4^8, 3^{16}\})$	11184896
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3, 2^{17}\})$	1024
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^4, 2^{13}\})$	11264
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^7, 2^9\})$	87040
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^{10}, 2^5\})$	699392
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^{13}, 2\})$	5592064
12	$\mathcal{O}(0; \{6^2, 4^{12}, 3, 2^{14}\})$	4096
12	$\mathcal{O}(0; \{6^2, 4^{12}, 3^4, 2^{10}\})$	45056
12	$\mathcal{O}(0; \{6^2, 4^{12}, 3^7, 2^6\})$	348160

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^2, 4^{12}, 3^{10}, 2^2\})$	2797568
12	$\mathcal{O}(0; \{6^2, 4^{14}, 3, 2^{11}\})$	16384
12	$\mathcal{O}(0; \{6^2, 4^{14}, 3^4, 2^7\})$	180224
12	$\mathcal{O}(0; \{6^2, 4^{14}, 3^7, 2^3\})$	1392640
12	$\mathcal{O}(0; \{6^2, 4^{16}, 3, 2^8\})$	65536
12	$\mathcal{O}(0; \{6^2, 4^{16}, 3^4, 2^4\})$	720896
12	$\mathcal{O}(0; \{6^2, 4^{16}, 3^7\})$	5570560
12	$\mathcal{O}(0; \{6^2, 4^{18}, 3, 2^5\})$	262144
12	$\mathcal{O}(0; \{6^2, 4^{18}, 3^4, 2\})$	2883584
12	$\mathcal{O}(0; \{6^2, 4^{20}, 3, 2^2\})$	1048576
12	$\mathcal{O}(0; \{6^3, 4^2, 3^2, 2^{26}\})$	20
12	$\mathcal{O}(0; \{6^3, 4^2, 3^5, 2^{22}\})$	172
12	$\mathcal{O}(0; \{6^3, 4^2, 3^8, 2^{18}\})$	1364
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{11}, 2^{14}\})$	10924
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{14}, 2^{10}\})$	87380
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{17}, 2^6\})$	699052
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{20}, 2^2\})$	5592404
12	$\mathcal{O}(0; \{6^3, 4^4, 3^2, 2^{23}\})$	80
12	$\mathcal{O}(0; \{6^3, 4^4, 3^5, 2^{19}\})$	688
12	$\mathcal{O}(0; \{6^3, 4^4, 3^8, 2^{15}\})$	5456
12	$\mathcal{O}(0; \{6^3, 4^4, 3^{11}, 2^{11}\})$	43696
12	$\mathcal{O}(0; \{6^3, 4^4, 3^{14}, 2^7\})$	349520
12	$\mathcal{O}(0; \{6^3, 4^4, 3^{17}, 2^3\})$	2796208
12	$\mathcal{O}(0; \{6^3, 4^6, 3^2, 2^{20}\})$	320
12	$\mathcal{O}(0; \{6^3, 4^6, 3^5, 2^{16}\})$	2752
12	$\mathcal{O}(0; \{6^3, 4^6, 3^8, 2^{12}\})$	21824
12	$\mathcal{O}(0; \{6^3, 4^6, 3^{11}, 2^8\})$	174784
12	$\mathcal{O}(0; \{6^3, 4^6, 3^{14}, 2^4\})$	1398080
12	$\mathcal{O}(0; \{6^3, 4^6, 3^{17}\})$	11184832
12	$\mathcal{O}(0; \{6^3, 4^8, 3^2, 2^{17}\})$	1280
12	$\mathcal{O}(0; \{6^3, 4^8, 3^5, 2^{13}\})$	11008
12	$\mathcal{O}(0; \{6^3, 4^8, 3^8, 2^9\})$	87296
12	$\mathcal{O}(0; \{6^3, 4^8, 3^{11}, 2^5\})$	699136
12	$\mathcal{O}(0; \{6^3, 4^8, 3^{14}, 2\})$	5592320
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3^2, 2^{14}\})$	5120
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3^5, 2^{10}\})$	44032
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3^8, 2^6\})$	349184
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3^{11}, 2^2\})$	2796544
12	$\mathcal{O}(0; \{6^3, 4^{12}, 3^2, 2^{11}\})$	20480
12	$\mathcal{O}(0; \{6^3, 4^{12}, 3^5, 2^7\})$	176128
12	$\mathcal{O}(0; \{6^3, 4^{12}, 3^8, 2^3\})$	1396736
12	$\mathcal{O}(0; \{6^3, 4^{14}, 3^2, 2^8\})$	81920
12	$\mathcal{O}(0; \{6^3, 4^{14}, 3^5, 2^4\})$	704512

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^3, 4^{14}, 3^8\})$	5586944
12	$\mathcal{O}(0; \{6^3, 4^{16}, 3^2, 2^5\})$	327680
12	$\mathcal{O}(0; \{6^3, 4^{16}, 3^5, 2\})$	2818048
12	$\mathcal{O}(0; \{6^3, 4^{18}, 3^2, 2^2\})$	1310720
12	$\mathcal{O}(0; \{6^4, 4^2, 2^{27}\})$	12
12	$\mathcal{O}(0; \{6^4, 4^2, 3^3, 2^{23}\})$	84
12	$\mathcal{O}(0; \{6^4, 4^2, 3^6, 2^{19}\})$	684
12	$\mathcal{O}(0; \{6^4, 4^2, 3^9, 2^{15}\})$	5460
12	$\mathcal{O}(0; \{6^4, 4^2, 3^{12}, 2^{11}\})$	43692
12	$\mathcal{O}(0; \{6^4, 4^2, 3^{15}, 2^7\})$	349524
12	$\mathcal{O}(0; \{6^4, 4^2, 3^{18}, 2^3\})$	2796204
12	$\mathcal{O}(0; \{6^4, 4^4, 2^{24}\})$	48
12	$\mathcal{O}(0; \{6^4, 4^4, 3^3, 2^{20}\})$	336
12	$\mathcal{O}(0; \{6^4, 4^4, 3^6, 2^{16}\})$	2736
12	$\mathcal{O}(0; \{6^4, 4^4, 3^9, 2^{12}\})$	21840
12	$\mathcal{O}(0; \{6^4, 4^4, 3^{12}, 2^8\})$	174768
12	$\mathcal{O}(0; \{6^4, 4^4, 3^{15}, 2^4\})$	1398096
12	$\mathcal{O}(0; \{6^4, 4^4, 3^{18}\})$	11184816
12	$\mathcal{O}(0; \{6^4, 4^6, 2^{21}\})$	192
12	$\mathcal{O}(0; \{6^4, 4^6, 3^3, 2^{17}\})$	1344
12	$\mathcal{O}(0; \{6^4, 4^6, 3^6, 2^{13}\})$	10944
12	$\mathcal{O}(0; \{6^4, 4^6, 3^9, 2^9\})$	87360
12	$\mathcal{O}(0; \{6^4, 4^6, 3^{12}, 2^5\})$	699072
12	$\mathcal{O}(0; \{6^4, 4^6, 3^{15}, 2\})$	5592384
12	$\mathcal{O}(0; \{6^4, 4^8, 2^{18}\})$	768
12	$\mathcal{O}(0; \{6^4, 4^8, 3^3, 2^{14}\})$	5376
12	$\mathcal{O}(0; \{6^4, 4^8, 3^6, 2^{10}\})$	43776
12	$\mathcal{O}(0; \{6^4, 4^8, 3^9, 2^6\})$	349440
12	$\mathcal{O}(0; \{6^4, 4^8, 3^{12}, 2^2\})$	2796288
12	$\mathcal{O}(0; \{6^4, 4^{10}, 2^{15}\})$	3072
12	$\mathcal{O}(0; \{6^4, 4^{10}, 3^3, 2^{11}\})$	21504
12	$\mathcal{O}(0; \{6^4, 4^{10}, 3^6, 2^7\})$	175104
12	$\mathcal{O}(0; \{6^4, 4^{10}, 3^9, 2^3\})$	1397760
12	$\mathcal{O}(0; \{6^4, 4^{12}, 2^{12}\})$	12288
12	$\mathcal{O}(0; \{6^4, 4^{12}, 3^3, 2^8\})$	86016
12	$\mathcal{O}(0; \{6^4, 4^{12}, 3^6, 2^4\})$	700416
12	$\mathcal{O}(0; \{6^4, 4^{12}, 3^9\})$	5591040
12	$\mathcal{O}(0; \{6^4, 4^{14}, 2^9\})$	49152
12	$\mathcal{O}(0; \{6^4, 4^{14}, 3^3, 2^5\})$	344064
12	$\mathcal{O}(0; \{6^4, 4^{14}, 3^6, 2\})$	2801664
12	$\mathcal{O}(0; \{6^4, 4^{16}, 2^6\})$	196608
12	$\mathcal{O}(0; \{6^4, 4^{16}, 3^3, 2^2\})$	1376256
12	$\mathcal{O}(0; \{6^4, 4^{18}, 2^3\})$	786432

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^4, 4^{20}\})$	3145728
12	$\mathcal{O}(0; \{6^5, 4^2, 3, 2^{24}\})$	44
12	$\mathcal{O}(0; \{6^5, 4^2, 3^4, 2^{20}\})$	340
12	$\mathcal{O}(0; \{6^5, 4^2, 3^7, 2^{16}\})$	2732
12	$\mathcal{O}(0; \{6^5, 4^2, 3^{10}, 2^{12}\})$	21844
12	$\mathcal{O}(0; \{6^5, 4^2, 3^{13}, 2^8\})$	174764
12	$\mathcal{O}(0; \{6^5, 4^2, 3^{16}, 2^4\})$	1398100
12	$\mathcal{O}(0; \{6^5, 4^2, 3^{19}\})$	11184812
12	$\mathcal{O}(0; \{6^5, 4^4, 3, 2^{21}\})$	176
12	$\mathcal{O}(0; \{6^5, 4^4, 3^4, 2^{17}\})$	1360
12	$\mathcal{O}(0; \{6^5, 4^4, 3^7, 2^{13}\})$	10928
12	$\mathcal{O}(0; \{6^5, 4^4, 3^{10}, 2^9\})$	87376
12	$\mathcal{O}(0; \{6^5, 4^4, 3^{13}, 2^5\})$	699056
12	$\mathcal{O}(0; \{6^5, 4^4, 3^{16}, 2\})$	5592400
12	$\mathcal{O}(0; \{6^5, 4^6, 3, 2^{18}\})$	704
12	$\mathcal{O}(0; \{6^5, 4^6, 3^4, 2^{14}\})$	5440
12	$\mathcal{O}(0; \{6^5, 4^6, 3^7, 2^{10}\})$	43712
12	$\mathcal{O}(0; \{6^5, 4^6, 3^{10}, 2^6\})$	349504
12	$\mathcal{O}(0; \{6^5, 4^6, 3^{13}, 2^2\})$	2796224
12	$\mathcal{O}(0; \{6^5, 4^8, 3, 2^{15}\})$	2816
12	$\mathcal{O}(0; \{6^5, 4^8, 3^4, 2^{11}\})$	21760
12	$\mathcal{O}(0; \{6^5, 4^8, 3^7, 2^7\})$	174848
12	$\mathcal{O}(0; \{6^5, 4^8, 3^{10}, 2^3\})$	1398016
12	$\mathcal{O}(0; \{6^5, 4^{10}, 3, 2^{12}\})$	11264
12	$\mathcal{O}(0; \{6^5, 4^{10}, 3^4, 2^8\})$	87040
12	$\mathcal{O}(0; \{6^5, 4^{10}, 3^7, 2^4\})$	699392
12	$\mathcal{O}(0; \{6^5, 4^{10}, 3^{10}\})$	5592064
12	$\mathcal{O}(0; \{6^5, 4^{12}, 3, 2^9\})$	45056
12	$\mathcal{O}(0; \{6^5, 4^{12}, 3^4, 2^5\})$	348160
12	$\mathcal{O}(0; \{6^5, 4^{12}, 3^7, 2\})$	2797568
12	$\mathcal{O}(0; \{6^5, 4^{14}, 3, 2^6\})$	180224
12	$\mathcal{O}(0; \{6^5, 4^{14}, 3^4, 2^2\})$	1392640
12	$\mathcal{O}(0; \{6^5, 4^{16}, 3, 2^3\})$	720896
12	$\mathcal{O}(0; \{6^5, 4^{18}, 3\})$	2883584
12	$\mathcal{O}(0; \{6^6, 4^2, 3^2, 2^{21}\})$	172
12	$\mathcal{O}(0; \{6^6, 4^2, 3^5, 2^{17}\})$	1364
12	$\mathcal{O}(0; \{6^6, 4^2, 3^8, 2^{13}\})$	10924
12	$\mathcal{O}(0; \{6^6, 4^2, 3^{11}, 2^9\})$	87380
12	$\mathcal{O}(0; \{6^6, 4^2, 3^{14}, 2^5\})$	699052
12	$\mathcal{O}(0; \{6^6, 4^2, 3^{17}, 2\})$	5592404
12	$\mathcal{O}(0; \{6^6, 4^4, 3^2, 2^{18}\})$	688
12	$\mathcal{O}(0; \{6^6, 4^4, 3^5, 2^{14}\})$	5456
12	$\mathcal{O}(0; \{6^6, 4^4, 3^8, 2^{10}\})$	43696

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^6, 4^4, 3^{11}, 2^6\})$	349520
12	$\mathcal{O}(0; \{6^6, 4^4, 3^{14}, 2^2\})$	2796208
12	$\mathcal{O}(0; \{6^6, 4^6, 3^2, 2^{15}\})$	2752
12	$\mathcal{O}(0; \{6^6, 4^6, 3^5, 2^{11}\})$	21824
12	$\mathcal{O}(0; \{6^6, 4^6, 3^8, 2^7\})$	174784
12	$\mathcal{O}(0; \{6^6, 4^6, 3^{11}, 2^3\})$	1398080
12	$\mathcal{O}(0; \{6^6, 4^8, 3^2, 2^{12}\})$	11008
12	$\mathcal{O}(0; \{6^6, 4^8, 3^5, 2^8\})$	87296
12	$\mathcal{O}(0; \{6^6, 4^8, 3^8, 2^4\})$	699136
12	$\mathcal{O}(0; \{6^6, 4^8, 3^{11}\})$	5592320
12	$\mathcal{O}(0; \{6^6, 4^{10}, 3^2, 2^9\})$	44032
12	$\mathcal{O}(0; \{6^6, 4^{10}, 3^5, 2^5\})$	349184
12	$\mathcal{O}(0; \{6^6, 4^{10}, 3^8, 2\})$	2796544
12	$\mathcal{O}(0; \{6^6, 4^{12}, 3^2, 2^6\})$	176128
12	$\mathcal{O}(0; \{6^6, 4^{12}, 3^5, 2^2\})$	1396736
12	$\mathcal{O}(0; \{6^6, 4^{14}, 3^2, 2^3\})$	704512
12	$\mathcal{O}(0; \{6^6, 4^{16}, 3^2\})$	2818048
12	$\mathcal{O}(0; \{6^7, 4^2, 2^{22}\})$	84
12	$\mathcal{O}(0; \{6^7, 4^2, 3^3, 2^{18}\})$	684
12	$\mathcal{O}(0; \{6^7, 4^2, 3^6, 2^{14}\})$	5460
12	$\mathcal{O}(0; \{6^7, 4^2, 3^9, 2^{10}\})$	43692
12	$\mathcal{O}(0; \{6^7, 4^2, 3^{12}, 2^6\})$	349524
12	$\mathcal{O}(0; \{6^7, 4^2, 3^{15}, 2^2\})$	2796204
12	$\mathcal{O}(0; \{6^7, 4^4, 2^{19}\})$	336
12	$\mathcal{O}(0; \{6^7, 4^4, 3^3, 2^{15}\})$	2736
12	$\mathcal{O}(0; \{6^7, 4^4, 3^6, 2^{11}\})$	21840
12	$\mathcal{O}(0; \{6^7, 4^4, 3^9, 2^7\})$	174768
12	$\mathcal{O}(0; \{6^7, 4^4, 3^{12}, 2^3\})$	1398096
12	$\mathcal{O}(0; \{6^7, 4^6, 2^{16}\})$	1344
12	$\mathcal{O}(0; \{6^7, 4^6, 3^3, 2^{12}\})$	10944
12	$\mathcal{O}(0; \{6^7, 4^6, 3^6, 2^8\})$	87360
12	$\mathcal{O}(0; \{6^7, 4^6, 3^9, 2^4\})$	699072
12	$\mathcal{O}(0; \{6^7, 4^6, 3^{12}\})$	5592384
12	$\mathcal{O}(0; \{6^7, 4^8, 2^{13}\})$	5376
12	$\mathcal{O}(0; \{6^7, 4^8, 3^3, 2^9\})$	43776
12	$\mathcal{O}(0; \{6^7, 4^8, 3^6, 2^5\})$	349440
12	$\mathcal{O}(0; \{6^7, 4^8, 3^9, 2\})$	2796288
12	$\mathcal{O}(0; \{6^7, 4^{10}, 2^{10}\})$	21504
12	$\mathcal{O}(0; \{6^7, 4^{10}, 3^3, 2^6\})$	175104
12	$\mathcal{O}(0; \{6^7, 4^{10}, 3^6, 2^2\})$	1397760
12	$\mathcal{O}(0; \{6^7, 4^{12}, 2^7\})$	86016
12	$\mathcal{O}(0; \{6^7, 4^{12}, 3^3, 2^3\})$	700416
12	$\mathcal{O}(0; \{6^7, 4^{14}, 2^4\})$	344064

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^7, 4^{14}, 3^3\})$	2801664
12	$\mathcal{O}(0; \{6^7, 4^{16}, 2\})$	1376256
12	$\mathcal{O}(0; \{6^8, 4^2, 3, 2^{19}\})$	340
12	$\mathcal{O}(0; \{6^8, 4^2, 3^4, 2^{15}\})$	2732
12	$\mathcal{O}(0; \{6^8, 4^2, 3^7, 2^{11}\})$	21844
12	$\mathcal{O}(0; \{6^8, 4^2, 3^{10}, 2^7\})$	174764
12	$\mathcal{O}(0; \{6^8, 4^2, 3^{13}, 2^3\})$	1398100
12	$\mathcal{O}(0; \{6^8, 4^4, 3, 2^{16}\})$	1360
12	$\mathcal{O}(0; \{6^8, 4^4, 3^4, 2^{12}\})$	10928
12	$\mathcal{O}(0; \{6^8, 4^4, 3^7, 2^8\})$	87376
12	$\mathcal{O}(0; \{6^8, 4^4, 3^{10}, 2^4\})$	699056
12	$\mathcal{O}(0; \{6^8, 4^4, 3^{13}\})$	5592400
12	$\mathcal{O}(0; \{6^8, 4^6, 3, 2^{13}\})$	5440
12	$\mathcal{O}(0; \{6^8, 4^6, 3^4, 2^9\})$	43712
12	$\mathcal{O}(0; \{6^8, 4^6, 3^7, 2^5\})$	349504
12	$\mathcal{O}(0; \{6^8, 4^6, 3^{10}, 2\})$	2796224
12	$\mathcal{O}(0; \{6^8, 4^8, 3, 2^{10}\})$	21760
12	$\mathcal{O}(0; \{6^8, 4^8, 3^4, 2^6\})$	174848
12	$\mathcal{O}(0; \{6^8, 4^8, 3^7, 2^2\})$	1398016
12	$\mathcal{O}(0; \{6^8, 4^{10}, 3, 2^7\})$	87040
12	$\mathcal{O}(0; \{6^8, 4^{10}, 3^4, 2^3\})$	699392
12	$\mathcal{O}(0; \{6^8, 4^{12}, 3, 2^4\})$	348160
12	$\mathcal{O}(0; \{6^8, 4^{12}, 3^4\})$	2797568
12	$\mathcal{O}(0; \{6^8, 4^{14}, 3, 2\})$	1392640
12	$\mathcal{O}(0; \{6^9, 4^2, 3^2, 2^{16}\})$	1364
12	$\mathcal{O}(0; \{6^9, 4^2, 3^5, 2^{12}\})$	10924
12	$\mathcal{O}(0; \{6^9, 4^2, 3^8, 2^8\})$	87380
12	$\mathcal{O}(0; \{6^9, 4^2, 3^{11}, 2^4\})$	699052
12	$\mathcal{O}(0; \{6^9, 4^2, 3^{14}\})$	5592404
12	$\mathcal{O}(0; \{6^9, 4^4, 3^2, 2^{13}\})$	5456
12	$\mathcal{O}(0; \{6^9, 4^4, 3^5, 2^9\})$	43696
12	$\mathcal{O}(0; \{6^9, 4^4, 3^8, 2^5\})$	349520
12	$\mathcal{O}(0; \{6^9, 4^4, 3^{11}, 2\})$	2796208
12	$\mathcal{O}(0; \{6^9, 4^6, 3^2, 2^{10}\})$	21824
12	$\mathcal{O}(0; \{6^9, 4^6, 3^5, 2^6\})$	174784
12	$\mathcal{O}(0; \{6^9, 4^6, 3^8, 2^2\})$	1398080
12	$\mathcal{O}(0; \{6^9, 4^8, 3^2, 2^7\})$	87296
12	$\mathcal{O}(0; \{6^9, 4^8, 3^5, 2^3\})$	699136
12	$\mathcal{O}(0; \{6^9, 4^{10}, 3^2, 2^4\})$	349184
12	$\mathcal{O}(0; \{6^9, 4^{10}, 3^5\})$	2796544
12	$\mathcal{O}(0; \{6^9, 4^{12}, 3^2, 2\})$	1396736
12	$\mathcal{O}(0; \{6^{10}, 4^2, 2^{17}\})$	684
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^3, 2^{13}\})$	5460

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^6, 2^9\})$	43692
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^9, 2^5\})$	349524
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^{12}, 2\})$	2796204
12	$\mathcal{O}(0; \{6^{10}, 4^4, 2^{14}\})$	2736
12	$\mathcal{O}(0; \{6^{10}, 4^4, 3^3, 2^{10}\})$	21840
12	$\mathcal{O}(0; \{6^{10}, 4^4, 3^6, 2^6\})$	174768
12	$\mathcal{O}(0; \{6^{10}, 4^4, 3^9, 2^2\})$	1398096
12	$\mathcal{O}(0; \{6^{10}, 4^6, 2^{11}\})$	10944
12	$\mathcal{O}(0; \{6^{10}, 4^6, 3^3, 2^7\})$	87360
12	$\mathcal{O}(0; \{6^{10}, 4^6, 3^6, 2^3\})$	699072
12	$\mathcal{O}(0; \{6^{10}, 4^8, 2^8\})$	43776
12	$\mathcal{O}(0; \{6^{10}, 4^8, 3^3, 2^4\})$	349440
12	$\mathcal{O}(0; \{6^{10}, 4^8, 3^6\})$	2796288
12	$\mathcal{O}(0; \{6^{10}, 4^{10}, 2^5\})$	175104
12	$\mathcal{O}(0; \{6^{10}, 4^{10}, 3^3, 2\})$	1397760
12	$\mathcal{O}(0; \{6^{10}, 4^{12}, 2^2\})$	700416
12	$\mathcal{O}(0; \{6^{11}, 4^2, 3, 2^{14}\})$	2732
12	$\mathcal{O}(0; \{6^{11}, 4^2, 3^4, 2^{10}\})$	21844
12	$\mathcal{O}(0; \{6^{11}, 4^2, 3^7, 2^6\})$	174764
12	$\mathcal{O}(0; \{6^{11}, 4^2, 3^{10}, 2^2\})$	1398100
12	$\mathcal{O}(0; \{6^{11}, 4^4, 3, 2^{11}\})$	10928
12	$\mathcal{O}(0; \{6^{11}, 4^4, 3^4, 2^7\})$	87376
12	$\mathcal{O}(0; \{6^{11}, 4^4, 3^7, 2^3\})$	699056
12	$\mathcal{O}(0; \{6^{11}, 4^6, 3, 2^8\})$	43712
12	$\mathcal{O}(0; \{6^{11}, 4^6, 3^4, 2^4\})$	349504
12	$\mathcal{O}(0; \{6^{11}, 4^6, 3^7\})$	2796224
12	$\mathcal{O}(0; \{6^{11}, 4^8, 3, 2^5\})$	174848
12	$\mathcal{O}(0; \{6^{11}, 4^8, 3^4, 2\})$	1398016
12	$\mathcal{O}(0; \{6^{11}, 4^{10}, 3, 2^2\})$	699392
12	$\mathcal{O}(0; \{6^{12}, 4^2, 3^2, 2^{11}\})$	10924
12	$\mathcal{O}(0; \{6^{12}, 4^2, 3^5, 2^7\})$	87380
12	$\mathcal{O}(0; \{6^{12}, 4^2, 3^8, 2^3\})$	699052
12	$\mathcal{O}(0; \{6^{12}, 4^4, 3^2, 2^8\})$	43696
12	$\mathcal{O}(0; \{6^{12}, 4^4, 3^5, 2^4\})$	349520
12	$\mathcal{O}(0; \{6^{12}, 4^4, 3^8\})$	2796208
12	$\mathcal{O}(0; \{6^{12}, 4^6, 3^2, 2^5\})$	174784
12	$\mathcal{O}(0; \{6^{12}, 4^6, 3^5, 2\})$	1398080
12	$\mathcal{O}(0; \{6^{12}, 4^8, 3^2, 2^2\})$	699136
12	$\mathcal{O}(0; \{6^{13}, 4^2, 2^{12}\})$	5460
12	$\mathcal{O}(0; \{6^{13}, 4^2, 3^3, 2^8\})$	43692
12	$\mathcal{O}(0; \{6^{13}, 4^2, 3^6, 2^4\})$	349524
12	$\mathcal{O}(0; \{6^{13}, 4^2, 3^9\})$	2796204
12	$\mathcal{O}(0; \{6^{13}, 4^4, 2^9\})$	21840

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^{13}, 4^4, 3^3, 2^5\})$	174768
12	$\mathcal{O}(0; \{6^{13}, 4^4, 3^6, 2\})$	1398096
12	$\mathcal{O}(0; \{6^{13}, 4^6, 2^6\})$	87360
12	$\mathcal{O}(0; \{6^{13}, 4^6, 3^3, 2^2\})$	699072
12	$\mathcal{O}(0; \{6^{13}, 4^8, 2^3\})$	349440
12	$\mathcal{O}(0; \{6^{13}, 4^{10}\})$	1397760
12	$\mathcal{O}(0; \{6^{14}, 4^2, 3, 2^9\})$	21844
12	$\mathcal{O}(0; \{6^{14}, 4^2, 3^4, 2^5\})$	174764
12	$\mathcal{O}(0; \{6^{14}, 4^2, 3^7, 2\})$	1398100
12	$\mathcal{O}(0; \{6^{14}, 4^4, 3, 2^6\})$	87376
12	$\mathcal{O}(0; \{6^{14}, 4^4, 3^4, 2^2\})$	699056
12	$\mathcal{O}(0; \{6^{14}, 4^6, 3, 2^3\})$	349504
12	$\mathcal{O}(0; \{6^{14}, 4^8, 3\})$	1398016
12	$\mathcal{O}(0; \{6^{15}, 4^2, 3^2, 2^6\})$	87380
12	$\mathcal{O}(0; \{6^{15}, 4^2, 3^5, 2^2\})$	699052
12	$\mathcal{O}(0; \{6^{15}, 4^4, 3^2, 2^3\})$	349520
12	$\mathcal{O}(0; \{6^{15}, 4^6, 3^2\})$	1398080
12	$\mathcal{O}(0; \{6^{16}, 4^2, 2^7\})$	43692
12	$\mathcal{O}(0; \{6^{16}, 4^2, 3^3, 2^3\})$	349524
12	$\mathcal{O}(0; \{6^{16}, 4^4, 2^4\})$	174768
12	$\mathcal{O}(0; \{6^{16}, 4^4, 3^3\})$	1398096
12	$\mathcal{O}(0; \{6^{16}, 4^6, 2\})$	699072
12	$\mathcal{O}(0; \{6^{17}, 4^2, 3, 2^4\})$	174764
12	$\mathcal{O}(0; \{6^{17}, 4^2, 3^4\})$	1398100
12	$\mathcal{O}(0; \{6^{17}, 4^4, 3, 2\})$	699056
12	$\mathcal{O}(0; \{6^{18}, 4^2, 3^2, 2\})$	699052
12	$\mathcal{O}(0; \{6^{19}, 4^2, 2^2\})$	349524
12	$\mathcal{O}(0; \{12, 4, 3, 2^{32}\})$	4
12	$\mathcal{O}(0; \{12, 4, 3^4, 2^{28}\})$	20
12	$\mathcal{O}(0; \{12, 4, 3^7, 2^{24}\})$	172
12	$\mathcal{O}(0; \{12, 4, 3^{10}, 2^{20}\})$	1364
12	$\mathcal{O}(0; \{12, 4, 3^{13}, 2^{16}\})$	10924
12	$\mathcal{O}(0; \{12, 4, 3^{16}, 2^{12}\})$	87380
12	$\mathcal{O}(0; \{12, 4, 3^{19}, 2^8\})$	699052
12	$\mathcal{O}(0; \{12, 4, 3^{22}, 2^4\})$	5592404
12	$\mathcal{O}(0; \{12, 4, 3^{25}\})$	44739244
12	$\mathcal{O}(0; \{12, 4^3, 3, 2^{29}\})$	16
12	$\mathcal{O}(0; \{12, 4^3, 3^4, 2^{25}\})$	80
12	$\mathcal{O}(0; \{12, 4^3, 3^7, 2^{21}\})$	688
12	$\mathcal{O}(0; \{12, 4^3, 3^{10}, 2^{17}\})$	5456
12	$\mathcal{O}(0; \{12, 4^3, 3^{13}, 2^{13}\})$	43696
12	$\mathcal{O}(0; \{12, 4^3, 3^{16}, 2^9\})$	349520
12	$\mathcal{O}(0; \{12, 4^3, 3^{19}, 2^5\})$	2796208

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 4^3, 3^{22}, 2\})$	22369616
12	$\mathcal{O}(0; \{12, 4^5, 3, 2^{26}\})$	64
12	$\mathcal{O}(0; \{12, 4^5, 3^4, 2^{22}\})$	320
12	$\mathcal{O}(0; \{12, 4^5, 3^7, 2^{18}\})$	2752
12	$\mathcal{O}(0; \{12, 4^5, 3^{10}, 2^{14}\})$	21824
12	$\mathcal{O}(0; \{12, 4^5, 3^{13}, 2^{10}\})$	174784
12	$\mathcal{O}(0; \{12, 4^5, 3^{16}, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12, 4^5, 3^{19}, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12, 4^7, 3, 2^{23}\})$	256
12	$\mathcal{O}(0; \{12, 4^7, 3^4, 2^{19}\})$	1280
12	$\mathcal{O}(0; \{12, 4^7, 3^7, 2^{15}\})$	11008
12	$\mathcal{O}(0; \{12, 4^7, 3^{10}, 2^{11}\})$	87296
12	$\mathcal{O}(0; \{12, 4^7, 3^{13}, 2^7\})$	699136
12	$\mathcal{O}(0; \{12, 4^7, 3^{16}, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12, 4^9, 3, 2^{20}\})$	1024
12	$\mathcal{O}(0; \{12, 4^9, 3^4, 2^{16}\})$	5120
12	$\mathcal{O}(0; \{12, 4^9, 3^7, 2^{12}\})$	44032
12	$\mathcal{O}(0; \{12, 4^9, 3^{10}, 2^8\})$	349184
12	$\mathcal{O}(0; \{12, 4^9, 3^{13}, 2^4\})$	2796544
12	$\mathcal{O}(0; \{12, 4^9, 3^{16}\})$	22369280
12	$\mathcal{O}(0; \{12, 4^{11}, 3, 2^{17}\})$	4096
12	$\mathcal{O}(0; \{12, 4^{11}, 3^4, 2^{13}\})$	20480
12	$\mathcal{O}(0; \{12, 4^{11}, 3^7, 2^9\})$	176128
12	$\mathcal{O}(0; \{12, 4^{11}, 3^{10}, 2^5\})$	1396736
12	$\mathcal{O}(0; \{12, 4^{11}, 3^{13}, 2\})$	11186176
12	$\mathcal{O}(0; \{12, 4^{13}, 3, 2^{14}\})$	16384
12	$\mathcal{O}(0; \{12, 4^{13}, 3^4, 2^{10}\})$	81920
12	$\mathcal{O}(0; \{12, 4^{13}, 3^7, 2^6\})$	704512
12	$\mathcal{O}(0; \{12, 4^{13}, 3^{10}, 2^2\})$	5586944
12	$\mathcal{O}(0; \{12, 4^{15}, 3, 2^{11}\})$	65536
12	$\mathcal{O}(0; \{12, 4^{15}, 3^4, 2^7\})$	327680
12	$\mathcal{O}(0; \{12, 4^{15}, 3^7, 2^3\})$	2818048
12	$\mathcal{O}(0; \{12, 4^{17}, 3, 2^8\})$	262144
12	$\mathcal{O}(0; \{12, 4^{17}, 3^4, 2^4\})$	1310720
12	$\mathcal{O}(0; \{12, 4^{17}, 3^7\})$	11272192
12	$\mathcal{O}(0; \{12, 4^{19}, 3, 2^5\})$	1048576
12	$\mathcal{O}(0; \{12, 4^{19}, 3^4, 2\})$	5242880
12	$\mathcal{O}(0; \{12, 4^{21}, 3, 2^2\})$	4194304
12	$\mathcal{O}(0; \{12, 6, 4, 3^2, 2^{29}\})$	12
12	$\mathcal{O}(0; \{12, 6, 4, 3^5, 2^{25}\})$	84
12	$\mathcal{O}(0; \{12, 6, 4, 3^8, 2^{21}\})$	684
12	$\mathcal{O}(0; \{12, 6, 4, 3^{11}, 2^{17}\})$	5460
12	$\mathcal{O}(0; \{12, 6, 4, 3^{14}, 2^{13}\})$	43692

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6, 4, 3^{17}, 2^9\})$	349524
12	$\mathcal{O}(0; \{12, 6, 4, 3^{20}, 2^5\})$	2796204
12	$\mathcal{O}(0; \{12, 6, 4, 3^{23}, 2\})$	22369620
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^2, 2^{26}\})$	48
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^5, 2^{22}\})$	336
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^8, 2^{18}\})$	2736
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{11}, 2^{14}\})$	21840
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{14}, 2^{10}\})$	174768
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{17}, 2^6\})$	1398096
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{20}, 2^2\})$	11184816
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^2, 2^{23}\})$	192
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^5, 2^{19}\})$	1344
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^8, 2^{15}\})$	10944
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^{11}, 2^{11}\})$	87360
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^{14}, 2^7\})$	699072
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^{17}, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^2, 2^{20}\})$	768
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^5, 2^{16}\})$	5376
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^8, 2^{12}\})$	43776
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^{11}, 2^8\})$	349440
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^{14}, 2^4\})$	2796288
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^{17}\})$	22369536
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^2, 2^{17}\})$	3072
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^5, 2^{13}\})$	21504
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^8, 2^9\})$	175104
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^{11}, 2^5\})$	1397760
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^{14}, 2\})$	11185152
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3^2, 2^{14}\})$	12288
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3^5, 2^{10}\})$	86016
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3^8, 2^6\})$	700416
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3^{11}, 2^2\})$	5591040
12	$\mathcal{O}(0; \{12, 6, 4^{13}, 3^2, 2^{11}\})$	49152
12	$\mathcal{O}(0; \{12, 6, 4^{13}, 3^5, 2^7\})$	344064
12	$\mathcal{O}(0; \{12, 6, 4^{13}, 3^8, 2^3\})$	2801664
12	$\mathcal{O}(0; \{12, 6, 4^{15}, 3^2, 2^8\})$	196608
12	$\mathcal{O}(0; \{12, 6, 4^{15}, 3^5, 2^4\})$	1376256
12	$\mathcal{O}(0; \{12, 6, 4^{15}, 3^8\})$	11206656
12	$\mathcal{O}(0; \{12, 6, 4^{17}, 3^2, 2^5\})$	786432
12	$\mathcal{O}(0; \{12, 6, 4^{17}, 3^5, 2\})$	5505024
12	$\mathcal{O}(0; \{12, 6, 4^{19}, 3^2, 2^2\})$	3145728
12	$\mathcal{O}(0; \{12, 6^2, 4, 2^{30}\})$	4
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^3, 2^{26}\})$	44
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^6, 2^{22}\})$	340

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^9, 2^{18}\})$	2732
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{12}, 2^{14}\})$	21844
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{15}, 2^{10}\})$	174764
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{18}, 2^6\})$	1398100
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{21}, 2^2\})$	11184812
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 2^{27}\})$	16
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^3, 2^{23}\})$	176
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^6, 2^{19}\})$	1360
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^9, 2^{15}\})$	10928
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^{12}, 2^{11}\})$	87376
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^{15}, 2^7\})$	699056
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^{18}, 2^3\})$	5592400
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 2^{24}\})$	64
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^3, 2^{20}\})$	704
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^6, 2^{16}\})$	5440
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^9, 2^{12}\})$	43712
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^{12}, 2^8\})$	349504
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^{15}, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^{18}\})$	22369600
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 2^{21}\})$	256
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^3, 2^{17}\})$	2816
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^6, 2^{13}\})$	21760
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^9, 2^9\})$	174848
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^{12}, 2^5\})$	1398016
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^{15}, 2\})$	11184896
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 2^{18}\})$	1024
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^3, 2^{14}\})$	11264
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^6, 2^{10}\})$	87040
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^9, 2^6\})$	699392
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^{12}, 2^2\})$	5592064
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 2^{15}\})$	4096
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 3^3, 2^{11}\})$	45056
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 3^6, 2^7\})$	348160
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 3^9, 2^3\})$	2797568
12	$\mathcal{O}(0; \{12, 6^2, 4^{13}, 2^{12}\})$	16384
12	$\mathcal{O}(0; \{12, 6^2, 4^{13}, 3^3, 2^8\})$	180224
12	$\mathcal{O}(0; \{12, 6^2, 4^{13}, 3^6, 2^4\})$	1392640
12	$\mathcal{O}(0; \{12, 6^2, 4^{13}, 3^9\})$	11190272
12	$\mathcal{O}(0; \{12, 6^2, 4^{15}, 2^9\})$	65536
12	$\mathcal{O}(0; \{12, 6^2, 4^{15}, 3^3, 2^5\})$	720896
12	$\mathcal{O}(0; \{12, 6^2, 4^{15}, 3^6, 2\})$	5570560
12	$\mathcal{O}(0; \{12, 6^2, 4^{17}, 2^6\})$	262144
12	$\mathcal{O}(0; \{12, 6^2, 4^{17}, 3^3, 2^2\})$	2883584

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^2, 4^{19}, 2^3\})$	1048576
12	$\mathcal{O}(0; \{12, 6^2, 4^{21}\})$	4194304
12	$\mathcal{O}(0; \{12, 6^3, 4, 3, 2^{27}\})$	20
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^4, 2^{23}\})$	172
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^7, 2^{19}\})$	1364
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{10}, 2^{15}\})$	10924
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{13}, 2^{11}\})$	87380
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{16}, 2^7\})$	699052
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{19}, 2^3\})$	5592404
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3, 2^{24}\})$	80
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^4, 2^{20}\})$	688
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^7, 2^{16}\})$	5456
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^{10}, 2^{12}\})$	43696
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^{13}, 2^8\})$	349520
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^{16}, 2^4\})$	2796208
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^{19}\})$	22369616
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3, 2^{21}\})$	320
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^4, 2^{17}\})$	2752
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^7, 2^{13}\})$	21824
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^{10}, 2^9\})$	174784
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^{13}, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^{16}, 2\})$	11184832
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3, 2^{18}\})$	1280
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^4, 2^{14}\})$	11008
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^7, 2^{10}\})$	87296
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^{10}, 2^6\})$	699136
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^{13}, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3, 2^{15}\})$	5120
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3^4, 2^{11}\})$	44032
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3^7, 2^7\})$	349184
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3^{10}, 2^3\})$	2796544
12	$\mathcal{O}(0; \{12, 6^3, 4^{11}, 3, 2^{12}\})$	20480
12	$\mathcal{O}(0; \{12, 6^3, 4^{11}, 3^4, 2^8\})$	176128
12	$\mathcal{O}(0; \{12, 6^3, 4^{11}, 3^7, 2^4\})$	1396736
12	$\mathcal{O}(0; \{12, 6^3, 4^{11}, 3^{10}\})$	11186176
12	$\mathcal{O}(0; \{12, 6^3, 4^{13}, 3, 2^9\})$	81920
12	$\mathcal{O}(0; \{12, 6^3, 4^{13}, 3^4, 2^5\})$	704512
12	$\mathcal{O}(0; \{12, 6^3, 4^{13}, 3^7, 2\})$	5586944
12	$\mathcal{O}(0; \{12, 6^3, 4^{15}, 3, 2^6\})$	327680
12	$\mathcal{O}(0; \{12, 6^3, 4^{15}, 3^4, 2^2\})$	2818048
12	$\mathcal{O}(0; \{12, 6^3, 4^{17}, 3, 2^3\})$	1310720
12	$\mathcal{O}(0; \{12, 6^3, 4^{19}, 3\})$	5242880
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^2, 2^{24}\})$	84

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^5, 2^{20}\})$	684
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^8, 2^{16}\})$	5460
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^{11}, 2^{12}\})$	43692
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^{14}, 2^8\})$	349524
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^{17}, 2^4\})$	2796204
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^{20}\})$	22369620
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^2, 2^{21}\})$	336
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^5, 2^{17}\})$	2736
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^8, 2^{13}\})$	21840
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^{11}, 2^9\})$	174768
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^{14}, 2^5\})$	1398096
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^{17}, 2\})$	11184816
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^2, 2^{18}\})$	1344
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^5, 2^{14}\})$	10944
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^8, 2^{10}\})$	87360
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^{11}, 2^6\})$	699072
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^{14}, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^2, 2^{15}\})$	5376
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^5, 2^{11}\})$	43776
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^8, 2^7\})$	349440
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^{11}, 2^3\})$	2796288
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 3^2, 2^{12}\})$	21504
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 3^5, 2^8\})$	175104
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 3^8, 2^4\})$	1397760
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 3^{11}\})$	11185152
12	$\mathcal{O}(0; \{12, 6^4, 4^{11}, 3^2, 2^9\})$	86016
12	$\mathcal{O}(0; \{12, 6^4, 4^{11}, 3^5, 2^5\})$	700416
12	$\mathcal{O}(0; \{12, 6^4, 4^{11}, 3^8, 2\})$	5591040
12	$\mathcal{O}(0; \{12, 6^4, 4^{13}, 3^2, 2^6\})$	344064
12	$\mathcal{O}(0; \{12, 6^4, 4^{13}, 3^5, 2^2\})$	2801664
12	$\mathcal{O}(0; \{12, 6^4, 4^{15}, 3^2, 2^3\})$	1376256
12	$\mathcal{O}(0; \{12, 6^4, 4^{17}, 3^2\})$	5505024
12	$\mathcal{O}(0; \{12, 6^5, 4, 2^{25}\})$	44
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^3, 2^{21}\})$	340
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^6, 2^{17}\})$	2732
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^9, 2^{13}\})$	21844
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^{12}, 2^9\})$	174764
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^{15}, 2^5\})$	1398100
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^{18}, 2\})$	11184812
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 2^{22}\})$	176
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^3, 2^{18}\})$	1360
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^6, 2^{14}\})$	10928
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^9, 2^{10}\})$	87376

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^{12}, 2^6\})$	699056
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^{15}, 2^2\})$	5592400
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 2^{19}\})$	704
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^3, 2^{15}\})$	5440
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^6, 2^{11}\})$	43712
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^9, 2^7\})$	349504
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^{12}, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 2^{16}\})$	2816
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3^3, 2^{12}\})$	21760
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3^6, 2^8\})$	174848
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3^9, 2^4\})$	1398016
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3^{12}\})$	11184896
12	$\mathcal{O}(0; \{12, 6^5, 4^9, 2^{13}\})$	11264
12	$\mathcal{O}(0; \{12, 6^5, 4^9, 3^3, 2^9\})$	87040
12	$\mathcal{O}(0; \{12, 6^5, 4^9, 3^6, 2^5\})$	699392
12	$\mathcal{O}(0; \{12, 6^5, 4^9, 3^9, 2\})$	5592064
12	$\mathcal{O}(0; \{12, 6^5, 4^{11}, 2^{10}\})$	45056
12	$\mathcal{O}(0; \{12, 6^5, 4^{11}, 3^3, 2^6\})$	348160
12	$\mathcal{O}(0; \{12, 6^5, 4^{11}, 3^6, 2^2\})$	2797568
12	$\mathcal{O}(0; \{12, 6^5, 4^{13}, 2^7\})$	180224
12	$\mathcal{O}(0; \{12, 6^5, 4^{13}, 3^3, 2^3\})$	1392640
12	$\mathcal{O}(0; \{12, 6^5, 4^{15}, 2^4\})$	720896
12	$\mathcal{O}(0; \{12, 6^5, 4^{15}, 3^3\})$	5570560
12	$\mathcal{O}(0; \{12, 6^5, 4^{17}, 2\})$	2883584
12	$\mathcal{O}(0; \{12, 6^6, 4, 3, 2^{22}\})$	172
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^4, 2^{18}\})$	1364
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^7, 2^{14}\})$	10924
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^{10}, 2^{10}\})$	87380
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^{13}, 2^6\})$	699052
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^{16}, 2^2\})$	5592404
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3, 2^{19}\})$	688
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^4, 2^{15}\})$	5456
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^7, 2^{11}\})$	43696
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^{10}, 2^7\})$	349520
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^{13}, 2^3\})$	2796208
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3, 2^{16}\})$	2752
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^4, 2^{12}\})$	21824
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^7, 2^8\})$	174784
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^{10}, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^{13}\})$	11184832
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 3, 2^{13}\})$	11008
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 3^4, 2^9\})$	87296
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 3^7, 2^5\})$	699136

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 3^{10}, 2\})$	5592320
12	$\mathcal{O}(0; \{12, 6^6, 4^9, 3, 2^{10}\})$	44032
12	$\mathcal{O}(0; \{12, 6^6, 4^9, 3^4, 2^6\})$	349184
12	$\mathcal{O}(0; \{12, 6^6, 4^9, 3^7, 2^2\})$	2796544
12	$\mathcal{O}(0; \{12, 6^6, 4^{11}, 3, 2^7\})$	176128
12	$\mathcal{O}(0; \{12, 6^6, 4^{11}, 3^4, 2^3\})$	1396736
12	$\mathcal{O}(0; \{12, 6^6, 4^{13}, 3, 2^4\})$	704512
12	$\mathcal{O}(0; \{12, 6^6, 4^{13}, 3^4\})$	5586944
12	$\mathcal{O}(0; \{12, 6^6, 4^{15}, 3, 2\})$	2818048
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^2, 2^{19}\})$	684
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^5, 2^{15}\})$	5460
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^8, 2^{11}\})$	43692
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^{11}, 2^7\})$	349524
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^{14}, 2^3\})$	2796204
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^2, 2^{16}\})$	2736
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^5, 2^{12}\})$	21840
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^8, 2^8\})$	174768
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^{11}, 2^4\})$	1398096
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^{14}\})$	11184816
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3^2, 2^{13}\})$	10944
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3^5, 2^9\})$	87360
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3^8, 2^5\})$	699072
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3^{11}, 2\})$	5592384
12	$\mathcal{O}(0; \{12, 6^7, 4^7, 3^2, 2^{10}\})$	43776
12	$\mathcal{O}(0; \{12, 6^7, 4^7, 3^5, 2^6\})$	349440
12	$\mathcal{O}(0; \{12, 6^7, 4^7, 3^8, 2^2\})$	2796288
12	$\mathcal{O}(0; \{12, 6^7, 4^9, 3^2, 2^7\})$	175104
12	$\mathcal{O}(0; \{12, 6^7, 4^9, 3^5, 2^3\})$	1397760
12	$\mathcal{O}(0; \{12, 6^7, 4^{11}, 3^2, 2^4\})$	700416
12	$\mathcal{O}(0; \{12, 6^7, 4^{11}, 3^5\})$	5591040
12	$\mathcal{O}(0; \{12, 6^7, 4^{13}, 3^2, 2\})$	2801664
12	$\mathcal{O}(0; \{12, 6^8, 4, 2^{20}\})$	340
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^3, 2^{16}\})$	2732
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^6, 2^{12}\})$	21844
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^9, 2^8\})$	174764
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^{12}, 2^4\})$	1398100
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^{15}\})$	11184812
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 2^{17}\})$	1360
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^3, 2^{13}\})$	10928
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^6, 2^9\})$	87376
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^9, 2^5\})$	699056
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^{12}, 2\})$	5592400
12	$\mathcal{O}(0; \{12, 6^8, 4^5, 2^{14}\})$	5440

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^8, 4^5, 3^3, 2^{10}\})$	43712
12	$\mathcal{O}(0; \{12, 6^8, 4^5, 3^6, 2^6\})$	349504
12	$\mathcal{O}(0; \{12, 6^8, 4^5, 3^9, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12, 6^8, 4^7, 2^{11}\})$	21760
12	$\mathcal{O}(0; \{12, 6^8, 4^7, 3^3, 2^7\})$	174848
12	$\mathcal{O}(0; \{12, 6^8, 4^7, 3^6, 2^3\})$	1398016
12	$\mathcal{O}(0; \{12, 6^8, 4^9, 2^8\})$	87040
12	$\mathcal{O}(0; \{12, 6^8, 4^9, 3^3, 2^4\})$	699392
12	$\mathcal{O}(0; \{12, 6^8, 4^9, 3^6\})$	5592064
12	$\mathcal{O}(0; \{12, 6^8, 4^{11}, 2^5\})$	348160
12	$\mathcal{O}(0; \{12, 6^8, 4^{11}, 3^3, 2\})$	2797568
12	$\mathcal{O}(0; \{12, 6^8, 4^{13}, 2^2\})$	1392640
12	$\mathcal{O}(0; \{12, 6^9, 4, 3, 2^{17}\})$	1364
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^4, 2^{13}\})$	10924
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^7, 2^9\})$	87380
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^{10}, 2^5\})$	699052
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^{13}, 2\})$	5592404
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 3, 2^{14}\})$	5456
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 3^4, 2^{10}\})$	43696
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 3^7, 2^6\})$	349520
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 3^{10}, 2^2\})$	2796208
12	$\mathcal{O}(0; \{12, 6^9, 4^5, 3, 2^{11}\})$	21824
12	$\mathcal{O}(0; \{12, 6^9, 4^5, 3^4, 2^7\})$	174784
12	$\mathcal{O}(0; \{12, 6^9, 4^5, 3^7, 2^3\})$	1398080
12	$\mathcal{O}(0; \{12, 6^9, 4^7, 3, 2^8\})$	87296
12	$\mathcal{O}(0; \{12, 6^9, 4^7, 3^4, 2^4\})$	699136
12	$\mathcal{O}(0; \{12, 6^9, 4^7, 3^7\})$	5592320
12	$\mathcal{O}(0; \{12, 6^9, 4^9, 3, 2^5\})$	349184
12	$\mathcal{O}(0; \{12, 6^9, 4^9, 3^4, 2\})$	2796544
12	$\mathcal{O}(0; \{12, 6^9, 4^{11}, 3, 2^2\})$	1396736
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3^2, 2^{14}\})$	5460
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3^5, 2^{10}\})$	43692
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3^8, 2^6\})$	349524
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3^{11}, 2^2\})$	2796204
12	$\mathcal{O}(0; \{12, 6^{10}, 4^3, 3^2, 2^{11}\})$	21840
12	$\mathcal{O}(0; \{12, 6^{10}, 4^3, 3^5, 2^7\})$	174768
12	$\mathcal{O}(0; \{12, 6^{10}, 4^3, 3^8, 2^3\})$	1398096
12	$\mathcal{O}(0; \{12, 6^{10}, 4^5, 3^2, 2^8\})$	87360
12	$\mathcal{O}(0; \{12, 6^{10}, 4^5, 3^5, 2^4\})$	699072
12	$\mathcal{O}(0; \{12, 6^{10}, 4^5, 3^8\})$	5592384
12	$\mathcal{O}(0; \{12, 6^{10}, 4^7, 3^2, 2^5\})$	349440
12	$\mathcal{O}(0; \{12, 6^{10}, 4^7, 3^5, 2\})$	2796288
12	$\mathcal{O}(0; \{12, 6^{10}, 4^9, 3^2, 2^2\})$	1397760

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 2^{15}\})$	2732
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 3^3, 2^{11}\})$	21844
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 3^6, 2^7\})$	174764
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 3^9, 2^3\})$	1398100
12	$\mathcal{O}(0; \{12, 6^{11}, 4^3, 2^{12}\})$	10928
12	$\mathcal{O}(0; \{12, 6^{11}, 4^3, 3^3, 2^8\})$	87376
12	$\mathcal{O}(0; \{12, 6^{11}, 4^3, 3^6, 2^4\})$	699056
12	$\mathcal{O}(0; \{12, 6^{11}, 4^3, 3^9\})$	5592400
12	$\mathcal{O}(0; \{12, 6^{11}, 4^5, 2^9\})$	43712
12	$\mathcal{O}(0; \{12, 6^{11}, 4^5, 3^3, 2^5\})$	349504
12	$\mathcal{O}(0; \{12, 6^{11}, 4^5, 3^6, 2\})$	2796224
12	$\mathcal{O}(0; \{12, 6^{11}, 4^7, 2^6\})$	174848
12	$\mathcal{O}(0; \{12, 6^{11}, 4^7, 3^3, 2^2\})$	1398016
12	$\mathcal{O}(0; \{12, 6^{11}, 4^9, 2^3\})$	699392
12	$\mathcal{O}(0; \{12, 6^{11}, 4^{11}\})$	2797568
12	$\mathcal{O}(0; \{12, 6^{12}, 4, 3, 2^{12}\})$	10924
12	$\mathcal{O}(0; \{12, 6^{12}, 4, 3^4, 2^8\})$	87380
12	$\mathcal{O}(0; \{12, 6^{12}, 4, 3^7, 2^4\})$	699052
12	$\mathcal{O}(0; \{12, 6^{12}, 4, 3^{10}\})$	5592404
12	$\mathcal{O}(0; \{12, 6^{12}, 4^3, 3, 2^9\})$	43696
12	$\mathcal{O}(0; \{12, 6^{12}, 4^3, 3^4, 2^5\})$	349520
12	$\mathcal{O}(0; \{12, 6^{12}, 4^3, 3^7, 2\})$	2796208
12	$\mathcal{O}(0; \{12, 6^{12}, 4^5, 3, 2^6\})$	174784
12	$\mathcal{O}(0; \{12, 6^{12}, 4^5, 3^4, 2^2\})$	1398080
12	$\mathcal{O}(0; \{12, 6^{12}, 4^7, 3, 2^3\})$	699136
12	$\mathcal{O}(0; \{12, 6^{12}, 4^9, 3\})$	2796544
12	$\mathcal{O}(0; \{12, 6^{13}, 4, 3^2, 2^9\})$	43692
12	$\mathcal{O}(0; \{12, 6^{13}, 4, 3^5, 2^5\})$	349524
12	$\mathcal{O}(0; \{12, 6^{13}, 4, 3^8, 2\})$	2796204
12	$\mathcal{O}(0; \{12, 6^{13}, 4^3, 3^2, 2^6\})$	174768
12	$\mathcal{O}(0; \{12, 6^{13}, 4^3, 3^5, 2^2\})$	1398096
12	$\mathcal{O}(0; \{12, 6^{13}, 4^5, 3^2, 2^3\})$	699072
12	$\mathcal{O}(0; \{12, 6^{13}, 4^7, 3^2\})$	2796288
12	$\mathcal{O}(0; \{12, 6^{14}, 4, 2^{10}\})$	21844
12	$\mathcal{O}(0; \{12, 6^{14}, 4, 3^3, 2^6\})$	174764
12	$\mathcal{O}(0; \{12, 6^{14}, 4, 3^6, 2^2\})$	1398100
12	$\mathcal{O}(0; \{12, 6^{14}, 4^3, 2^7\})$	87376
12	$\mathcal{O}(0; \{12, 6^{14}, 4^3, 3^3, 2^3\})$	699056
12	$\mathcal{O}(0; \{12, 6^{14}, 4^5, 2^4\})$	349504
12	$\mathcal{O}(0; \{12, 6^{14}, 4^5, 3^3\})$	2796224
12	$\mathcal{O}(0; \{12, 6^{14}, 4^7, 2\})$	1398016
12	$\mathcal{O}(0; \{12, 6^{15}, 4, 3, 2^7\})$	87380
12	$\mathcal{O}(0; \{12, 6^{15}, 4, 3^4, 2^3\})$	699052

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^{15}, 4^3, 3, 2^4\})$	349520
12	$\mathcal{O}(0; \{12, 6^{15}, 4^3, 3^4\})$	2796208
12	$\mathcal{O}(0; \{12, 6^{15}, 4^5, 3, 2\})$	1398080
12	$\mathcal{O}(0; \{12, 6^{16}, 4, 3^2, 2^4\})$	349524
12	$\mathcal{O}(0; \{12, 6^{16}, 4, 3^5\})$	2796204
12	$\mathcal{O}(0; \{12, 6^{16}, 4^3, 3^2, 2\})$	1398096
12	$\mathcal{O}(0; \{12, 6^{17}, 4, 2^5\})$	174764
12	$\mathcal{O}(0; \{12, 6^{17}, 4, 3^3, 2\})$	1398100
12	$\mathcal{O}(0; \{12, 6^{17}, 4^3, 2^2\})$	699056
12	$\mathcal{O}(0; \{12, 6^{18}, 4, 3, 2^2\})$	699052
12	$\mathcal{O}(0; \{12, 6^{20}, 4\})$	1398100
12	$\mathcal{O}(0; \{12^2, 2^{33}\})$	4
12	$\mathcal{O}(0; \{12^2, 3^3, 2^{29}\})$	20
12	$\mathcal{O}(0; \{12^2, 3^6, 2^{25}\})$	172
12	$\mathcal{O}(0; \{12^2, 3^9, 2^{21}\})$	1364
12	$\mathcal{O}(0; \{12^2, 3^{12}, 2^{17}\})$	10924
12	$\mathcal{O}(0; \{12^2, 3^{15}, 2^{13}\})$	87380
12	$\mathcal{O}(0; \{12^2, 3^{18}, 2^9\})$	699052
12	$\mathcal{O}(0; \{12^2, 3^{21}, 2^5\})$	5592404
12	$\mathcal{O}(0; \{12^2, 3^{24}, 2\})$	44739244
12	$\mathcal{O}(0; \{12^2, 4^2, 2^{30}\})$	16
12	$\mathcal{O}(0; \{12^2, 4^2, 3^3, 2^{26}\})$	80
12	$\mathcal{O}(0; \{12^2, 4^2, 3^6, 2^{22}\})$	688
12	$\mathcal{O}(0; \{12^2, 4^2, 3^9, 2^{18}\})$	5456
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{12}, 2^{14}\})$	43696
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{15}, 2^{10}\})$	349520
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{18}, 2^6\})$	2796208
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{21}, 2^2\})$	22369616
12	$\mathcal{O}(0; \{12^2, 4^4, 2^{27}\})$	64
12	$\mathcal{O}(0; \{12^2, 4^4, 3^3, 2^{23}\})$	320
12	$\mathcal{O}(0; \{12^2, 4^4, 3^6, 2^{19}\})$	2752
12	$\mathcal{O}(0; \{12^2, 4^4, 3^9, 2^{15}\})$	21824
12	$\mathcal{O}(0; \{12^2, 4^4, 3^{12}, 2^{11}\})$	174784
12	$\mathcal{O}(0; \{12^2, 4^4, 3^{15}, 2^7\})$	1398080
12	$\mathcal{O}(0; \{12^2, 4^4, 3^{18}, 2^3\})$	11184832
12	$\mathcal{O}(0; \{12^2, 4^6, 2^{24}\})$	256
12	$\mathcal{O}(0; \{12^2, 4^6, 3^3, 2^{20}\})$	1280
12	$\mathcal{O}(0; \{12^2, 4^6, 3^6, 2^{16}\})$	11008
12	$\mathcal{O}(0; \{12^2, 4^6, 3^9, 2^{12}\})$	87296
12	$\mathcal{O}(0; \{12^2, 4^6, 3^{12}, 2^8\})$	699136
12	$\mathcal{O}(0; \{12^2, 4^6, 3^{15}, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^2, 4^6, 3^{18}\})$	44739328
12	$\mathcal{O}(0; \{12^2, 4^8, 2^{21}\})$	1024

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 4^8, 3^3, 2^{17}\})$	5120
12	$\mathcal{O}(0; \{12^2, 4^8, 3^6, 2^{13}\})$	44032
12	$\mathcal{O}(0; \{12^2, 4^8, 3^9, 2^9\})$	349184
12	$\mathcal{O}(0; \{12^2, 4^8, 3^{12}, 2^5\})$	2796544
12	$\mathcal{O}(0; \{12^2, 4^8, 3^{15}, 2\})$	22369280
12	$\mathcal{O}(0; \{12^2, 4^{10}, 2^{18}\})$	4096
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^3, 2^{14}\})$	20480
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^6, 2^{10}\})$	176128
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^9, 2^6\})$	1396736
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^{12}, 2^2\})$	11186176
12	$\mathcal{O}(0; \{12^2, 4^{12}, 2^{15}\})$	16384
12	$\mathcal{O}(0; \{12^2, 4^{12}, 3^3, 2^{11}\})$	81920
12	$\mathcal{O}(0; \{12^2, 4^{12}, 3^6, 2^7\})$	704512
12	$\mathcal{O}(0; \{12^2, 4^{12}, 3^9, 2^3\})$	5586944
12	$\mathcal{O}(0; \{12^2, 4^{14}, 2^{12}\})$	65536
12	$\mathcal{O}(0; \{12^2, 4^{14}, 3^3, 2^8\})$	327680
12	$\mathcal{O}(0; \{12^2, 4^{14}, 3^6, 2^4\})$	2818048
12	$\mathcal{O}(0; \{12^2, 4^{14}, 3^9\})$	22347776
12	$\mathcal{O}(0; \{12^2, 4^{16}, 2^9\})$	262144
12	$\mathcal{O}(0; \{12^2, 4^{16}, 3^3, 2^5\})$	1310720
12	$\mathcal{O}(0; \{12^2, 4^{16}, 3^6, 2\})$	11272192
12	$\mathcal{O}(0; \{12^2, 4^{18}, 2^6\})$	1048576
12	$\mathcal{O}(0; \{12^2, 4^{18}, 3^3, 2^2\})$	5242880
12	$\mathcal{O}(0; \{12^2, 4^{20}, 2^3\})$	4194304
12	$\mathcal{O}(0; \{12^2, 4^{22}\})$	16777216
12	$\mathcal{O}(0; \{12^2, 6, 3, 2^{30}\})$	12
12	$\mathcal{O}(0; \{12^2, 6, 3^4, 2^{26}\})$	84
12	$\mathcal{O}(0; \{12^2, 6, 3^7, 2^{22}\})$	684
12	$\mathcal{O}(0; \{12^2, 6, 3^{10}, 2^{18}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6, 3^{13}, 2^{14}\})$	43692
12	$\mathcal{O}(0; \{12^2, 6, 3^{16}, 2^{10}\})$	349524
12	$\mathcal{O}(0; \{12^2, 6, 3^{19}, 2^6\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6, 3^{22}, 2^2\})$	22369620
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3, 2^{27}\})$	48
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^4, 2^{23}\})$	336
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^7, 2^{19}\})$	2736
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{10}, 2^{15}\})$	21840
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{13}, 2^{11}\})$	174768
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{16}, 2^7\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{19}, 2^3\})$	11184816
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3, 2^{24}\})$	192
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^4, 2^{20}\})$	1344
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^7, 2^{16}\})$	10944

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^{10}, 2^{12}\})$	87360
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^{13}, 2^8\})$	699072
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^{16}, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^{19}\})$	44739264
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3, 2^{21}\})$	768
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^4, 2^{17}\})$	5376
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^7, 2^{13}\})$	43776
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^{10}, 2^9\})$	349440
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^{13}, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^{16}, 2\})$	22369536
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3, 2^{18}\})$	3072
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^4, 2^{14}\})$	21504
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^7, 2^{10}\})$	175104
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^{10}, 2^6\})$	1397760
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^{13}, 2^2\})$	11185152
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3, 2^{15}\})$	12288
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3^4, 2^{11}\})$	86016
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3^7, 2^7\})$	700416
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3^{10}, 2^3\})$	5591040
12	$\mathcal{O}(0; \{12^2, 6, 4^{12}, 3, 2^{12}\})$	49152
12	$\mathcal{O}(0; \{12^2, 6, 4^{12}, 3^4, 2^8\})$	344064
12	$\mathcal{O}(0; \{12^2, 6, 4^{12}, 3^7, 2^4\})$	2801664
12	$\mathcal{O}(0; \{12^2, 6, 4^{12}, 3^{10}\})$	22364160
12	$\mathcal{O}(0; \{12^2, 6, 4^{14}, 3, 2^9\})$	196608
12	$\mathcal{O}(0; \{12^2, 6, 4^{14}, 3^4, 2^5\})$	1376256
12	$\mathcal{O}(0; \{12^2, 6, 4^{14}, 3^7, 2\})$	11206656
12	$\mathcal{O}(0; \{12^2, 6, 4^{16}, 3, 2^6\})$	786432
12	$\mathcal{O}(0; \{12^2, 6, 4^{16}, 3^4, 2^2\})$	5505024
12	$\mathcal{O}(0; \{12^2, 6, 4^{18}, 3, 2^3\})$	3145728
12	$\mathcal{O}(0; \{12^2, 6, 4^{20}, 3\})$	12582912
12	$\mathcal{O}(0; \{12^2, 6^2, 3^2, 2^{27}\})$	44
12	$\mathcal{O}(0; \{12^2, 6^2, 3^5, 2^{23}\})$	340
12	$\mathcal{O}(0; \{12^2, 6^2, 3^8, 2^{19}\})$	2732
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{11}, 2^{15}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{14}, 2^{11}\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{17}, 2^7\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{20}, 2^3\})$	11184812
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^2, 2^{24}\})$	176
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^5, 2^{20}\})$	1360
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^8, 2^{16}\})$	10928
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^{11}, 2^{12}\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^{14}, 2^8\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^{17}, 2^4\})$	5592400

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^{20}\})$	44739248
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^2, 2^{21}\})$	704
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^5, 2^{17}\})$	5440
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^8, 2^{13}\})$	43712
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^{11}, 2^9\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^{14}, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^{17}, 2\})$	22369600
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^2, 2^{18}\})$	2816
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^5, 2^{14}\})$	21760
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^8, 2^{10}\})$	174848
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^{11}, 2^6\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^{14}, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^2, 2^{15}\})$	11264
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^5, 2^{11}\})$	87040
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^8, 2^7\})$	699392
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^{11}, 2^3\})$	5592064
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 3^2, 2^{12}\})$	45056
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 3^5, 2^8\})$	348160
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 3^8, 2^4\})$	2797568
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 3^{11}\})$	22368256
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{12}, 3^2, 2^9\})$	180224
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{12}, 3^5, 2^5\})$	1392640
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{12}, 3^8, 2\})$	11190272
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{14}, 3^2, 2^6\})$	720896
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{14}, 3^5, 2^2\})$	5570560
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{16}, 3^2, 2^3\})$	2883584
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{18}, 3^2\})$	11534336
12	$\mathcal{O}(0; \{12^2, 6^3, 2^{28}\})$	20
12	$\mathcal{O}(0; \{12^2, 6^3, 3^3, 2^{24}\})$	172
12	$\mathcal{O}(0; \{12^2, 6^3, 3^6, 2^{20}\})$	1364
12	$\mathcal{O}(0; \{12^2, 6^3, 3^9, 2^{16}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{12}, 2^{12}\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{15}, 2^8\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{18}, 2^4\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{21}\})$	44739244
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 2^{25}\})$	80
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^3, 2^{21}\})$	688
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^6, 2^{17}\})$	5456
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^9, 2^{13}\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^{12}, 2^9\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^{15}, 2^5\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^{18}, 2\})$	22369616
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 2^{22}\})$	320

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^3, 2^{18}\})$	2752
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^6, 2^{14}\})$	21824
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^9, 2^{10}\})$	174784
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^{12}, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^{15}, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 2^{19}\})$	1280
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^3, 2^{15}\})$	11008
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^6, 2^{11}\})$	87296
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^9, 2^7\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^{12}, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 2^{16}\})$	5120
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3^3, 2^{12}\})$	44032
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3^6, 2^8\})$	349184
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3^9, 2^4\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3^{12}\})$	22369280
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{10}, 2^{13}\})$	20480
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{10}, 3^3, 2^9\})$	176128
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{10}, 3^6, 2^5\})$	1396736
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{10}, 3^9, 2\})$	11186176
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{12}, 2^{10}\})$	81920
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{12}, 3^3, 2^6\})$	704512
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{12}, 3^6, 2^2\})$	5586944
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{14}, 2^7\})$	327680
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{14}, 3^3, 2^3\})$	2818048
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{16}, 2^4\})$	1310720
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{16}, 3^3\})$	11272192
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{18}, 2\})$	5242880
12	$\mathcal{O}(0; \{12^2, 6^4, 3, 2^{25}\})$	84
12	$\mathcal{O}(0; \{12^2, 6^4, 3^4, 2^{21}\})$	684
12	$\mathcal{O}(0; \{12^2, 6^4, 3^7, 2^{17}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6^4, 3^{10}, 2^{13}\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^4, 3^{13}, 2^9\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^4, 3^{16}, 2^5\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^4, 3^{19}, 2\})$	22369620
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3, 2^{22}\})$	336
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^4, 2^{18}\})$	2736
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^7, 2^{14}\})$	21840
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^{10}, 2^{10}\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^{13}, 2^6\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^{16}, 2^2\})$	11184816
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3, 2^{19}\})$	1344
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^4, 2^{15}\})$	10944
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^7, 2^{11}\})$	87360

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^{10}, 2^7\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^{13}, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3, 2^{16}\})$	5376
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^4, 2^{12}\})$	43776
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^7, 2^8\})$	349440
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^{10}, 2^4\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^{13}\})$	22369536
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 3, 2^{13}\})$	21504
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 3^4, 2^9\})$	175104
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 3^7, 2^5\})$	1397760
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 3^{10}, 2\})$	11185152
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{10}, 3, 2^{10}\})$	86016
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{10}, 3^4, 2^6\})$	700416
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{10}, 3^7, 2^2\})$	5591040
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{12}, 3, 2^7\})$	344064
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{12}, 3^4, 2^3\})$	2801664
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{14}, 3, 2^4\})$	1376256
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{14}, 3^4\})$	11206656
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{16}, 3, 2\})$	5505024
12	$\mathcal{O}(0; \{12^2, 6^5, 3^2, 2^{22}\})$	340
12	$\mathcal{O}(0; \{12^2, 6^5, 3^5, 2^{18}\})$	2732
12	$\mathcal{O}(0; \{12^2, 6^5, 3^8, 2^{14}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^5, 3^{11}, 2^{10}\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^5, 3^{14}, 2^6\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^5, 3^{17}, 2^2\})$	11184812
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^2, 2^{19}\})$	1360
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^5, 2^{15}\})$	10928
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^8, 2^{11}\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^{11}, 2^7\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^{14}, 2^3\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^2, 2^{16}\})$	5440
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^5, 2^{12}\})$	43712
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^8, 2^8\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^{11}, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^{14}\})$	22369600
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3^2, 2^{13}\})$	21760
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3^5, 2^9\})$	174848
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3^8, 2^5\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3^{11}, 2\})$	11184896
12	$\mathcal{O}(0; \{12^2, 6^5, 4^8, 3^2, 2^{10}\})$	87040
12	$\mathcal{O}(0; \{12^2, 6^5, 4^8, 3^5, 2^6\})$	699392
12	$\mathcal{O}(0; \{12^2, 6^5, 4^8, 3^8, 2^2\})$	5592064
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{10}, 3^2, 2^7\})$	348160

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{10}, 3^5, 2^3\})$	2797568
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{12}, 3^2, 2^4\})$	1392640
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{12}, 3^5\})$	11190272
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{14}, 3^2, 2\})$	5570560
12	$\mathcal{O}(0; \{12^2, 6^6, 2^{23}\})$	172
12	$\mathcal{O}(0; \{12^2, 6^6, 3^3, 2^{19}\})$	1364
12	$\mathcal{O}(0; \{12^2, 6^6, 3^6, 2^{15}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6^6, 3^9, 2^{11}\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^6, 3^{12}, 2^7\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^6, 3^{15}, 2^3\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 2^{20}\})$	688
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^3, 2^{16}\})$	5456
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^6, 2^{12}\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^9, 2^8\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^{12}, 2^4\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^{15}\})$	22369616
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 2^{17}\})$	2752
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^3, 2^{13}\})$	21824
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^6, 2^9\})$	174784
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^9, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^{12}, 2\})$	11184832
12	$\mathcal{O}(0; \{12^2, 6^6, 4^6, 2^{14}\})$	11008
12	$\mathcal{O}(0; \{12^2, 6^6, 4^6, 3^3, 2^{10}\})$	87296
12	$\mathcal{O}(0; \{12^2, 6^6, 4^6, 3^6, 2^6\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^6, 4^6, 3^9, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12^2, 6^6, 4^8, 2^{11}\})$	44032
12	$\mathcal{O}(0; \{12^2, 6^6, 4^8, 3^3, 2^7\})$	349184
12	$\mathcal{O}(0; \{12^2, 6^6, 4^8, 3^6, 2^3\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{10}, 2^8\})$	176128
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{10}, 3^3, 2^4\})$	1396736
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{10}, 3^6\})$	11186176
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{12}, 2^5\})$	704512
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{12}, 3^3, 2\})$	5586944
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{14}, 2^2\})$	2818048
12	$\mathcal{O}(0; \{12^2, 6^7, 3, 2^{20}\})$	684
12	$\mathcal{O}(0; \{12^2, 6^7, 3^4, 2^{16}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6^7, 3^7, 2^{12}\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^7, 3^{10}, 2^8\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^7, 3^{13}, 2^4\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^7, 3^{16}\})$	22369620
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3, 2^{17}\})$	2736
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^4, 2^{13}\})$	21840
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^7, 2^9\})$	174768

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^{10}, 2^5\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^{13}, 2\})$	11184816
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 3, 2^{14}\})$	10944
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 3^4, 2^{10}\})$	87360
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 3^7, 2^6\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 3^{10}, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^2, 6^7, 4^6, 3, 2^{11}\})$	43776
12	$\mathcal{O}(0; \{12^2, 6^7, 4^6, 3^4, 2^7\})$	349440
12	$\mathcal{O}(0; \{12^2, 6^7, 4^6, 3^7, 2^3\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^7, 4^8, 3, 2^8\})$	175104
12	$\mathcal{O}(0; \{12^2, 6^7, 4^8, 3^4, 2^4\})$	1397760
12	$\mathcal{O}(0; \{12^2, 6^7, 4^8, 3^7\})$	11185152
12	$\mathcal{O}(0; \{12^2, 6^7, 4^{10}, 3, 2^5\})$	700416
12	$\mathcal{O}(0; \{12^2, 6^7, 4^{10}, 3^4, 2\})$	5591040
12	$\mathcal{O}(0; \{12^2, 6^7, 4^{12}, 3, 2^2\})$	2801664
12	$\mathcal{O}(0; \{12^2, 6^8, 3^2, 2^{17}\})$	2732
12	$\mathcal{O}(0; \{12^2, 6^8, 3^5, 2^{13}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^8, 3^8, 2^9\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^8, 3^{11}, 2^5\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^8, 3^{14}, 2\})$	11184812
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3^2, 2^{14}\})$	10928
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3^5, 2^{10}\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3^8, 2^6\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3^{11}, 2^2\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6^8, 4^4, 3^2, 2^{11}\})$	43712
12	$\mathcal{O}(0; \{12^2, 6^8, 4^4, 3^5, 2^7\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^8, 4^4, 3^8, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^8, 4^6, 3^2, 2^8\})$	174848
12	$\mathcal{O}(0; \{12^2, 6^8, 4^6, 3^5, 2^4\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^8, 4^6, 3^8\})$	11184896
12	$\mathcal{O}(0; \{12^2, 6^8, 4^8, 3^2, 2^5\})$	699392
12	$\mathcal{O}(0; \{12^2, 6^8, 4^8, 3^5, 2\})$	5592064
12	$\mathcal{O}(0; \{12^2, 6^8, 4^{10}, 3^2, 2^2\})$	2797568
12	$\mathcal{O}(0; \{12^2, 6^9, 2^{18}\})$	1364
12	$\mathcal{O}(0; \{12^2, 6^9, 3^3, 2^{14}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6^9, 3^6, 2^{10}\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^9, 3^9, 2^6\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^9, 3^{12}, 2^2\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 2^{15}\})$	5456
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 3^3, 2^{11}\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 3^6, 2^7\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 3^9, 2^3\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^9, 4^4, 2^{12}\})$	21824

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^9, 4^4, 3^3, 2^8\})$	174784
12	$\mathcal{O}(0; \{12^2, 6^9, 4^4, 3^6, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^9, 4^4, 3^9\})$	11184832
12	$\mathcal{O}(0; \{12^2, 6^9, 4^6, 2^9\})$	87296
12	$\mathcal{O}(0; \{12^2, 6^9, 4^6, 3^3, 2^5\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^9, 4^6, 3^6, 2\})$	5592320
12	$\mathcal{O}(0; \{12^2, 6^9, 4^8, 2^6\})$	349184
12	$\mathcal{O}(0; \{12^2, 6^9, 4^8, 3^3, 2^2\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6^9, 4^{10}, 2^3\})$	1396736
12	$\mathcal{O}(0; \{12^2, 6^9, 4^{12}\})$	5586944
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3, 2^{15}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3^4, 2^{11}\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3^7, 2^7\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3^{10}, 2^3\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^2, 3, 2^{12}\})$	21840
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^2, 3^4, 2^8\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^2, 3^7, 2^4\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^2, 3^{10}\})$	11184816
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^4, 3, 2^9\})$	87360
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^4, 3^4, 2^5\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^4, 3^7, 2\})$	5592384
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^6, 3, 2^6\})$	349440
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^6, 3^4, 2^2\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^8, 3, 2^3\})$	1397760
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^{10}, 3\})$	5591040
12	$\mathcal{O}(0; \{12^2, 6^{11}, 3^2, 2^{12}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^{11}, 3^5, 2^8\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^{11}, 3^8, 2^4\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^{11}, 3^{11}\})$	11184812
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^2, 3^2, 2^9\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^2, 3^5, 2^5\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^2, 3^8, 2\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^4, 3^2, 2^6\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^4, 3^5, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^6, 3^2, 2^3\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^8, 3^2\})$	5592064
12	$\mathcal{O}(0; \{12^2, 6^{12}, 2^{13}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6^{12}, 3^3, 2^9\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^{12}, 3^6, 2^5\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^{12}, 3^9, 2\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^2, 2^{10}\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^2, 3^3, 2^6\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^2, 3^6, 2^2\})$	2796208

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^4, 2^7\})$	174784
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^4, 3^3, 2^3\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^6, 2^4\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^6, 3^3\})$	5592320
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^8, 2\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6^{13}, 3, 2^{10}\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^{13}, 3^4, 2^6\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^{13}, 3^7, 2^2\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^2, 3, 2^7\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^2, 3^4, 2^3\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^4, 3, 2^4\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^4, 3^4\})$	5592384
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^6, 3, 2\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^{14}, 3^2, 2^7\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^{14}, 3^5, 2^3\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^{14}, 4^2, 3^2, 2^4\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^{14}, 4^2, 3^5\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6^{14}, 4^4, 3^2, 2\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^{15}, 2^8\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^{15}, 3^3, 2^4\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^{15}, 3^6\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^{15}, 4^2, 2^5\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^{15}, 4^2, 3^3, 2\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^{15}, 4^4, 2^2\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^{16}, 3, 2^5\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^{16}, 3^4, 2\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^{16}, 4^2, 3, 2^2\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^{17}, 3^2, 2^2\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^{18}, 2^3\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^{18}, 4^2\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^{19}, 3\})$	2796204
12	$\mathcal{O}(0; \{12^3, 4, 3^2, 2^{27}\})$	80
12	$\mathcal{O}(0; \{12^3, 4, 3^5, 2^{23}\})$	688
12	$\mathcal{O}(0; \{12^3, 4, 3^8, 2^{19}\})$	5456
12	$\mathcal{O}(0; \{12^3, 4, 3^{11}, 2^{15}\})$	43696
12	$\mathcal{O}(0; \{12^3, 4, 3^{14}, 2^{11}\})$	349520
12	$\mathcal{O}(0; \{12^3, 4, 3^{17}, 2^7\})$	2796208
12	$\mathcal{O}(0; \{12^3, 4, 3^{20}, 2^3\})$	22369616
12	$\mathcal{O}(0; \{12^3, 4^3, 3^2, 2^{24}\})$	320
12	$\mathcal{O}(0; \{12^3, 4^3, 3^5, 2^{20}\})$	2752
12	$\mathcal{O}(0; \{12^3, 4^3, 3^8, 2^{16}\})$	21824
12	$\mathcal{O}(0; \{12^3, 4^3, 3^{11}, 2^{12}\})$	174784
12	$\mathcal{O}(0; \{12^3, 4^3, 3^{14}, 2^8\})$	1398080

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 4^3, 3^{17}, 2^4\})$	11184832
12	$\mathcal{O}(0; \{12^3, 4^3, 3^{20}\})$	89478464
12	$\mathcal{O}(0; \{12^3, 4^5, 3^2, 2^{21}\})$	1280
12	$\mathcal{O}(0; \{12^3, 4^5, 3^5, 2^{17}\})$	11008
12	$\mathcal{O}(0; \{12^3, 4^5, 3^8, 2^{13}\})$	87296
12	$\mathcal{O}(0; \{12^3, 4^5, 3^{11}, 2^9\})$	699136
12	$\mathcal{O}(0; \{12^3, 4^5, 3^{14}, 2^5\})$	5592320
12	$\mathcal{O}(0; \{12^3, 4^5, 3^{17}, 2\})$	44739328
12	$\mathcal{O}(0; \{12^3, 4^7, 3^2, 2^{18}\})$	5120
12	$\mathcal{O}(0; \{12^3, 4^7, 3^5, 2^{14}\})$	44032
12	$\mathcal{O}(0; \{12^3, 4^7, 3^8, 2^{10}\})$	349184
12	$\mathcal{O}(0; \{12^3, 4^7, 3^{11}, 2^6\})$	2796544
12	$\mathcal{O}(0; \{12^3, 4^7, 3^{14}, 2^2\})$	22369280
12	$\mathcal{O}(0; \{12^3, 4^9, 3^2, 2^{15}\})$	20480
12	$\mathcal{O}(0; \{12^3, 4^9, 3^5, 2^{11}\})$	176128
12	$\mathcal{O}(0; \{12^3, 4^9, 3^8, 2^7\})$	1396736
12	$\mathcal{O}(0; \{12^3, 4^9, 3^{11}, 2^3\})$	11186176
12	$\mathcal{O}(0; \{12^3, 4^{11}, 3^2, 2^{12}\})$	81920
12	$\mathcal{O}(0; \{12^3, 4^{11}, 3^5, 2^8\})$	704512
12	$\mathcal{O}(0; \{12^3, 4^{11}, 3^8, 2^4\})$	5586944
12	$\mathcal{O}(0; \{12^3, 4^{11}, 3^{11}\})$	44744704
12	$\mathcal{O}(0; \{12^3, 4^{13}, 3^2, 2^9\})$	327680
12	$\mathcal{O}(0; \{12^3, 4^{13}, 3^5, 2^5\})$	2818048
12	$\mathcal{O}(0; \{12^3, 4^{13}, 3^8, 2\})$	22347776
12	$\mathcal{O}(0; \{12^3, 4^{15}, 3^2, 2^6\})$	1310720
12	$\mathcal{O}(0; \{12^3, 4^{15}, 3^5, 2^2\})$	11272192
12	$\mathcal{O}(0; \{12^3, 4^{17}, 3^2, 2^3\})$	5242880
12	$\mathcal{O}(0; \{12^3, 4^{19}, 3^2\})$	20971520
12	$\mathcal{O}(0; \{12^3, 6, 4, 2^{28}\})$	48
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^3, 2^{24}\})$	336
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^6, 2^{20}\})$	2736
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^9, 2^{16}\})$	21840
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{12}, 2^{12}\})$	174768
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{15}, 2^8\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{18}, 2^4\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{21}\})$	89478480
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 2^{25}\})$	192
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^3, 2^{21}\})$	1344
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^6, 2^{17}\})$	10944
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^9, 2^{13}\})$	87360
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^{12}, 2^9\})$	699072
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^{15}, 2^5\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^{18}, 2\})$	44739264

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 2^{22}\})$	768
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^3, 2^{18}\})$	5376
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^6, 2^{14}\})$	43776
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^9, 2^{10}\})$	349440
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^{12}, 2^6\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^{15}, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 2^{19}\})$	3072
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^3, 2^{15}\})$	21504
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^6, 2^{11}\})$	175104
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^9, 2^7\})$	1397760
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^{12}, 2^3\})$	11185152
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 2^{16}\})$	12288
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3^3, 2^{12}\})$	86016
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3^6, 2^8\})$	700416
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3^9, 2^4\})$	5591040
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3^{12}\})$	44740608
12	$\mathcal{O}(0; \{12^3, 6, 4^{11}, 2^{13}\})$	49152
12	$\mathcal{O}(0; \{12^3, 6, 4^{11}, 3^3, 2^9\})$	344064
12	$\mathcal{O}(0; \{12^3, 6, 4^{11}, 3^6, 2^5\})$	2801664
12	$\mathcal{O}(0; \{12^3, 6, 4^{11}, 3^9, 2\})$	22364160
12	$\mathcal{O}(0; \{12^3, 6, 4^{13}, 2^{10}\})$	196608
12	$\mathcal{O}(0; \{12^3, 6, 4^{13}, 3^3, 2^6\})$	1376256
12	$\mathcal{O}(0; \{12^3, 6, 4^{13}, 3^6, 2^2\})$	11206656
12	$\mathcal{O}(0; \{12^3, 6, 4^{15}, 2^7\})$	786432
12	$\mathcal{O}(0; \{12^3, 6, 4^{15}, 3^3, 2^3\})$	5505024
12	$\mathcal{O}(0; \{12^3, 6, 4^{17}, 2^4\})$	3145728
12	$\mathcal{O}(0; \{12^3, 6, 4^{17}, 3^3\})$	22020096
12	$\mathcal{O}(0; \{12^3, 6, 4^{19}, 2\})$	12582912
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3, 2^{25}\})$	176
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^4, 2^{21}\})$	1360
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^7, 2^{17}\})$	10928
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^{10}, 2^{13}\})$	87376
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^{13}, 2^9\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^{16}, 2^5\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^{19}, 2\})$	44739248
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3, 2^{22}\})$	704
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^4, 2^{18}\})$	5440
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^7, 2^{14}\})$	43712
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^{10}, 2^{10}\})$	349504
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^{13}, 2^6\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^{16}, 2^2\})$	22369600
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3, 2^{19}\})$	2816
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^4, 2^{15}\})$	21760

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^7, 2^{11}\})$	174848
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^{10}, 2^7\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^{13}, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3, 2^{16}\})$	11264
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^4, 2^{12}\})$	87040
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^7, 2^8\})$	699392
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^{10}, 2^4\})$	5592064
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^{13}\})$	44739584
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 3, 2^{13}\})$	45056
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 3^4, 2^9\})$	348160
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 3^7, 2^5\})$	2797568
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 3^{10}, 2\})$	22368256
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{11}, 3, 2^{10}\})$	180224
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{11}, 3^4, 2^6\})$	1392640
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{11}, 3^7, 2^2\})$	11190272
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{13}, 3, 2^7\})$	720896
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{13}, 3^4, 2^3\})$	5570560
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{15}, 3, 2^4\})$	2883584
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{15}, 3^4\})$	22282240
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{17}, 3, 2\})$	11534336
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^2, 2^{22}\})$	688
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^5, 2^{18}\})$	5456
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^8, 2^{14}\})$	43696
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^{11}, 2^{10}\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^{14}, 2^6\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^{17}, 2^2\})$	22369616
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^2, 2^{19}\})$	2752
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^5, 2^{15}\})$	21824
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^8, 2^{11}\})$	174784
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^{11}, 2^7\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^{14}, 2^3\})$	11184832
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^2, 2^{16}\})$	11008
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^5, 2^{12}\})$	87296
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^8, 2^8\})$	699136
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^{11}, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^{14}\})$	44739328
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3^2, 2^{13}\})$	44032
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3^5, 2^9\})$	349184
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3^8, 2^5\})$	2796544
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3^{11}, 2\})$	22369280
12	$\mathcal{O}(0; \{12^3, 6^3, 4^9, 3^2, 2^{10}\})$	176128
12	$\mathcal{O}(0; \{12^3, 6^3, 4^9, 3^5, 2^6\})$	1396736
12	$\mathcal{O}(0; \{12^3, 6^3, 4^9, 3^8, 2^2\})$	11186176

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{11}, 3^2, 2^7\})$	704512
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{11}, 3^5, 2^3\})$	5586944
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{13}, 3^2, 2^4\})$	2818048
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{13}, 3^5\})$	22347776
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{15}, 3^2, 2\})$	11272192
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 2^{23}\})$	336
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^3, 2^{19}\})$	2736
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^6, 2^{15}\})$	21840
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^9, 2^{11}\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^{12}, 2^7\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^{15}, 2^3\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 2^{20}\})$	1344
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^3, 2^{16}\})$	10944
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^6, 2^{12}\})$	87360
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^9, 2^8\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^{12}, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^{15}\})$	44739264
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 2^{17}\})$	5376
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^3, 2^{13}\})$	43776
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^6, 2^9\})$	349440
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^9, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^{12}, 2\})$	22369536
12	$\mathcal{O}(0; \{12^3, 6^4, 4^7, 2^{14}\})$	21504
12	$\mathcal{O}(0; \{12^3, 6^4, 4^7, 3^3, 2^{10}\})$	175104
12	$\mathcal{O}(0; \{12^3, 6^4, 4^7, 3^6, 2^6\})$	1397760
12	$\mathcal{O}(0; \{12^3, 6^4, 4^7, 3^9, 2^2\})$	11185152
12	$\mathcal{O}(0; \{12^3, 6^4, 4^9, 2^{11}\})$	86016
12	$\mathcal{O}(0; \{12^3, 6^4, 4^9, 3^3, 2^7\})$	700416
12	$\mathcal{O}(0; \{12^3, 6^4, 4^9, 3^6, 2^3\})$	5591040
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{11}, 2^8\})$	344064
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{11}, 3^3, 2^4\})$	2801664
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{11}, 3^6\})$	22364160
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{13}, 2^5\})$	1376256
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{13}, 3^3, 2\})$	11206656
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{15}, 2^2\})$	5505024
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3, 2^{20}\})$	1360
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^4, 2^{16}\})$	10928
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^7, 2^{12}\})$	87376
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^{10}, 2^8\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^{13}, 2^4\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^{16}\})$	44739248
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3, 2^{17}\})$	5440
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^4, 2^{13}\})$	43712

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^7, 2^9\})$	349504
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^{10}, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^{13}, 2\})$	22369600
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 3, 2^{14}\})$	21760
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 3^4, 2^{10}\})$	174848
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 3^7, 2^6\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 3^{10}, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^3, 6^5, 4^7, 3, 2^{11}\})$	87040
12	$\mathcal{O}(0; \{12^3, 6^5, 4^7, 3^4, 2^7\})$	699392
12	$\mathcal{O}(0; \{12^3, 6^5, 4^7, 3^7, 2^3\})$	5592064
12	$\mathcal{O}(0; \{12^3, 6^5, 4^9, 3, 2^8\})$	348160
12	$\mathcal{O}(0; \{12^3, 6^5, 4^9, 3^4, 2^4\})$	2797568
12	$\mathcal{O}(0; \{12^3, 6^5, 4^9, 3^7\})$	22368256
12	$\mathcal{O}(0; \{12^3, 6^5, 4^{11}, 3, 2^5\})$	1392640
12	$\mathcal{O}(0; \{12^3, 6^5, 4^{11}, 3^4, 2\})$	11190272
12	$\mathcal{O}(0; \{12^3, 6^5, 4^{13}, 3, 2^2\})$	5570560
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^2, 2^{17}\})$	5456
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^5, 2^{13}\})$	43696
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^8, 2^9\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^{11}, 2^5\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^{14}, 2\})$	22369616
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3^2, 2^{14}\})$	21824
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3^5, 2^{10}\})$	174784
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3^8, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3^{11}, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^3, 6^6, 4^5, 3^2, 2^{11}\})$	87296
12	$\mathcal{O}(0; \{12^3, 6^6, 4^5, 3^5, 2^7\})$	699136
12	$\mathcal{O}(0; \{12^3, 6^6, 4^5, 3^8, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^6, 4^7, 3^2, 2^8\})$	349184
12	$\mathcal{O}(0; \{12^3, 6^6, 4^7, 3^5, 2^4\})$	2796544
12	$\mathcal{O}(0; \{12^3, 6^6, 4^7, 3^8\})$	22369280
12	$\mathcal{O}(0; \{12^3, 6^6, 4^9, 3^2, 2^5\})$	1396736
12	$\mathcal{O}(0; \{12^3, 6^6, 4^9, 3^5, 2\})$	11186176
12	$\mathcal{O}(0; \{12^3, 6^6, 4^{11}, 3^2, 2^2\})$	5586944
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 2^{18}\})$	2736
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^3, 2^{14}\})$	21840
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^6, 2^{10}\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^9, 2^6\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^{12}, 2^2\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 2^{15}\})$	10944
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 3^3, 2^{11}\})$	87360
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 3^6, 2^7\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 3^9, 2^3\})$	5592384

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^7, 4^5, 2^{12}\})$	43776
12	$\mathcal{O}(0; \{12^3, 6^7, 4^5, 3^3, 2^8\})$	349440
12	$\mathcal{O}(0; \{12^3, 6^7, 4^5, 3^6, 2^4\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^7, 4^5, 3^9\})$	22369536
12	$\mathcal{O}(0; \{12^3, 6^7, 4^7, 2^9\})$	175104
12	$\mathcal{O}(0; \{12^3, 6^7, 4^7, 3^3, 2^5\})$	1397760
12	$\mathcal{O}(0; \{12^3, 6^7, 4^7, 3^6, 2\})$	11185152
12	$\mathcal{O}(0; \{12^3, 6^7, 4^9, 2^6\})$	700416
12	$\mathcal{O}(0; \{12^3, 6^7, 4^9, 3^3, 2^2\})$	5591040
12	$\mathcal{O}(0; \{12^3, 6^7, 4^{11}, 2^3\})$	2801664
12	$\mathcal{O}(0; \{12^3, 6^7, 4^{13}\})$	11206656
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3, 2^{15}\})$	10928
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3^4, 2^{11}\})$	87376
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3^7, 2^7\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3^{10}, 2^3\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^8, 4^3, 3, 2^{12}\})$	43712
12	$\mathcal{O}(0; \{12^3, 6^8, 4^3, 3^4, 2^8\})$	349504
12	$\mathcal{O}(0; \{12^3, 6^8, 4^3, 3^7, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^8, 4^3, 3^{10}\})$	22369600
12	$\mathcal{O}(0; \{12^3, 6^8, 4^5, 3, 2^9\})$	174848
12	$\mathcal{O}(0; \{12^3, 6^8, 4^5, 3^4, 2^5\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^8, 4^5, 3^7, 2\})$	11184896
12	$\mathcal{O}(0; \{12^3, 6^8, 4^7, 3, 2^6\})$	699392
12	$\mathcal{O}(0; \{12^3, 6^8, 4^7, 3^4, 2^2\})$	5592064
12	$\mathcal{O}(0; \{12^3, 6^8, 4^9, 3, 2^3\})$	2797568
12	$\mathcal{O}(0; \{12^3, 6^8, 4^{11}, 3\})$	11190272
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 3^2, 2^{12}\})$	43696
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 3^5, 2^8\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 3^8, 2^4\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 3^{11}\})$	22369616
12	$\mathcal{O}(0; \{12^3, 6^9, 4^3, 3^2, 2^9\})$	174784
12	$\mathcal{O}(0; \{12^3, 6^9, 4^3, 3^5, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^9, 4^3, 3^8, 2\})$	11184832
12	$\mathcal{O}(0; \{12^3, 6^9, 4^5, 3^2, 2^6\})$	699136
12	$\mathcal{O}(0; \{12^3, 6^9, 4^5, 3^5, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^9, 4^7, 3^2, 2^3\})$	2796544
12	$\mathcal{O}(0; \{12^3, 6^9, 4^9, 3^2\})$	11186176
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4, 2^{13}\})$	21840
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4, 3^3, 2^9\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4, 3^6, 2^5\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4, 3^9, 2\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^3, 2^{10}\})$	87360
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^3, 3^3, 2^6\})$	699072

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^3, 3^6, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^5, 2^7\})$	349440
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^5, 3^3, 2^3\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^7, 2^4\})$	1397760
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^7, 3^3\})$	11185152
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^9, 2\})$	5591040
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4, 3, 2^{10}\})$	87376
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4, 3^4, 2^6\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4, 3^7, 2^2\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^3, 3, 2^7\})$	349504
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^3, 3^4, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^5, 3, 2^4\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^5, 3^4\})$	11184896
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^7, 3, 2\})$	5592064
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4, 3^2, 2^7\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4, 3^5, 2^3\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4^3, 3^2, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4^3, 3^5\})$	11184832
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4^5, 3^2, 2\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4, 2^8\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4, 3^3, 2^4\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4, 3^6\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4^3, 2^5\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4^3, 3^3, 2\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4^5, 2^2\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^{14}, 4, 3, 2^5\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^{14}, 4, 3^4, 2\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^{14}, 4^3, 3, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^{15}, 4, 3^2, 2^2\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^{16}, 4, 2^3\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^{16}, 4^3\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^{17}, 4, 3\})$	5592400
12	$\mathcal{O}(0; \{12^4, 3, 2^{28}\})$	80
12	$\mathcal{O}(0; \{12^4, 3^4, 2^{24}\})$	688
12	$\mathcal{O}(0; \{12^4, 3^7, 2^{20}\})$	5456
12	$\mathcal{O}(0; \{12^4, 3^{10}, 2^{16}\})$	43696
12	$\mathcal{O}(0; \{12^4, 3^{13}, 2^{12}\})$	349520
12	$\mathcal{O}(0; \{12^4, 3^{16}, 2^8\})$	2796208
12	$\mathcal{O}(0; \{12^4, 3^{19}, 2^4\})$	22369616
12	$\mathcal{O}(0; \{12^4, 3^{22}\})$	178956976
12	$\mathcal{O}(0; \{12^4, 4^2, 3, 2^{25}\})$	320
12	$\mathcal{O}(0; \{12^4, 4^2, 3^4, 2^{21}\})$	2752
12	$\mathcal{O}(0; \{12^4, 4^2, 3^7, 2^{17}\})$	21824

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 4^2, 3^{10}, 2^{13}\})$	174784
12	$\mathcal{O}(0; \{12^4, 4^2, 3^{13}, 2^9\})$	1398080
12	$\mathcal{O}(0; \{12^4, 4^2, 3^{16}, 2^5\})$	11184832
12	$\mathcal{O}(0; \{12^4, 4^2, 3^{19}, 2\})$	89478464
12	$\mathcal{O}(0; \{12^4, 4^4, 3, 2^{22}\})$	1280
12	$\mathcal{O}(0; \{12^4, 4^4, 3^4, 2^{18}\})$	11008
12	$\mathcal{O}(0; \{12^4, 4^4, 3^7, 2^{14}\})$	87296
12	$\mathcal{O}(0; \{12^4, 4^4, 3^{10}, 2^{10}\})$	699136
12	$\mathcal{O}(0; \{12^4, 4^4, 3^{13}, 2^6\})$	5592320
12	$\mathcal{O}(0; \{12^4, 4^4, 3^{16}, 2^2\})$	44739328
12	$\mathcal{O}(0; \{12^4, 4^6, 3, 2^{19}\})$	5120
12	$\mathcal{O}(0; \{12^4, 4^6, 3^4, 2^{15}\})$	44032
12	$\mathcal{O}(0; \{12^4, 4^6, 3^7, 2^{11}\})$	349184
12	$\mathcal{O}(0; \{12^4, 4^6, 3^{10}, 2^7\})$	2796544
12	$\mathcal{O}(0; \{12^4, 4^6, 3^{13}, 2^3\})$	22369280
12	$\mathcal{O}(0; \{12^4, 4^8, 3, 2^{16}\})$	20480
12	$\mathcal{O}(0; \{12^4, 4^8, 3^4, 2^{12}\})$	176128
12	$\mathcal{O}(0; \{12^4, 4^8, 3^7, 2^8\})$	1396736
12	$\mathcal{O}(0; \{12^4, 4^8, 3^{10}, 2^4\})$	11186176
12	$\mathcal{O}(0; \{12^4, 4^8, 3^{13}\})$	89477120
12	$\mathcal{O}(0; \{12^4, 4^{10}, 3, 2^{13}\})$	81920
12	$\mathcal{O}(0; \{12^4, 4^{10}, 3^4, 2^9\})$	704512
12	$\mathcal{O}(0; \{12^4, 4^{10}, 3^7, 2^5\})$	5586944
12	$\mathcal{O}(0; \{12^4, 4^{10}, 3^{10}, 2\})$	44744704
12	$\mathcal{O}(0; \{12^4, 4^{12}, 3, 2^{10}\})$	327680
12	$\mathcal{O}(0; \{12^4, 4^{12}, 3^4, 2^6\})$	2818048
12	$\mathcal{O}(0; \{12^4, 4^{12}, 3^7, 2^2\})$	22347776
12	$\mathcal{O}(0; \{12^4, 4^{14}, 3, 2^7\})$	1310720
12	$\mathcal{O}(0; \{12^4, 4^{14}, 3^4, 2^3\})$	11272192
12	$\mathcal{O}(0; \{12^4, 4^{16}, 3, 2^4\})$	5242880
12	$\mathcal{O}(0; \{12^4, 4^{16}, 3^4\})$	45088768
12	$\mathcal{O}(0; \{12^4, 4^{18}, 3, 2\})$	20971520
12	$\mathcal{O}(0; \{12^4, 6, 3^2, 2^{25}\})$	336
12	$\mathcal{O}(0; \{12^4, 6, 3^5, 2^{21}\})$	2736
12	$\mathcal{O}(0; \{12^4, 6, 3^8, 2^{17}\})$	21840
12	$\mathcal{O}(0; \{12^4, 6, 3^{11}, 2^{13}\})$	174768
12	$\mathcal{O}(0; \{12^4, 6, 3^{14}, 2^9\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6, 3^{17}, 2^5\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6, 3^{20}, 2\})$	89478480
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^2, 2^{22}\})$	1344
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^5, 2^{18}\})$	10944
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^8, 2^{14}\})$	87360
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^{11}, 2^{10}\})$	699072

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^{14}, 2^6\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^{17}, 2^2\})$	44739264
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^2, 2^{19}\})$	5376
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^5, 2^{15}\})$	43776
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^8, 2^{11}\})$	349440
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^{11}, 2^7\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^{14}, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^2, 2^{16}\})$	21504
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^5, 2^{12}\})$	175104
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^8, 2^8\})$	1397760
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^{11}, 2^4\})$	11185152
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^{14}\})$	89478144
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3^2, 2^{13}\})$	86016
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3^5, 2^9\})$	700416
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3^8, 2^5\})$	5591040
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3^{11}, 2\})$	44740608
12	$\mathcal{O}(0; \{12^4, 6, 4^{10}, 3^2, 2^{10}\})$	344064
12	$\mathcal{O}(0; \{12^4, 6, 4^{10}, 3^5, 2^6\})$	2801664
12	$\mathcal{O}(0; \{12^4, 6, 4^{10}, 3^8, 2^2\})$	22364160
12	$\mathcal{O}(0; \{12^4, 6, 4^{12}, 3^2, 2^7\})$	1376256
12	$\mathcal{O}(0; \{12^4, 6, 4^{12}, 3^5, 2^3\})$	11206656
12	$\mathcal{O}(0; \{12^4, 6, 4^{14}, 3^2, 2^4\})$	5505024
12	$\mathcal{O}(0; \{12^4, 6, 4^{14}, 3^5\})$	44826624
12	$\mathcal{O}(0; \{12^4, 6, 4^{16}, 3^2, 2\})$	22020096
12	$\mathcal{O}(0; \{12^4, 6^2, 2^{26}\})$	176
12	$\mathcal{O}(0; \{12^4, 6^2, 3^3, 2^{22}\})$	1360
12	$\mathcal{O}(0; \{12^4, 6^2, 3^6, 2^{18}\})$	10928
12	$\mathcal{O}(0; \{12^4, 6^2, 3^9, 2^{14}\})$	87376
12	$\mathcal{O}(0; \{12^4, 6^2, 3^{12}, 2^{10}\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^2, 3^{15}, 2^6\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^2, 3^{18}, 2^2\})$	44739248
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 2^{23}\})$	704
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^3, 2^{19}\})$	5440
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^6, 2^{15}\})$	43712
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^9, 2^{11}\})$	349504
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^{12}, 2^7\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^{15}, 2^3\})$	22369600
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 2^{20}\})$	2816
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^3, 2^{16}\})$	21760
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^6, 2^{12}\})$	174848
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^9, 2^8\})$	1398016
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^{12}, 2^4\})$	11184896
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^{15}\})$	89478400

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 2^{17}\})$	11264
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^3, 2^{13}\})$	87040
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^6, 2^9\})$	699392
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^9, 2^5\})$	5592064
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^{12}, 2\})$	44739584
12	$\mathcal{O}(0; \{12^4, 6^2, 4^8, 2^{14}\})$	45056
12	$\mathcal{O}(0; \{12^4, 6^2, 4^8, 3^3, 2^{10}\})$	348160
12	$\mathcal{O}(0; \{12^4, 6^2, 4^8, 3^6, 2^6\})$	2797568
12	$\mathcal{O}(0; \{12^4, 6^2, 4^8, 3^9, 2^2\})$	22368256
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{10}, 2^{11}\})$	180224
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{10}, 3^3, 2^7\})$	1392640
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{10}, 3^6, 2^3\})$	11190272
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{12}, 2^8\})$	720896
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{12}, 3^3, 2^4\})$	5570560
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{12}, 3^6\})$	44761088
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{14}, 2^5\})$	2883584
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{14}, 3^3, 2\})$	22282240
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{16}, 2^2\})$	11534336
12	$\mathcal{O}(0; \{12^4, 6^3, 3, 2^{23}\})$	688
12	$\mathcal{O}(0; \{12^4, 6^3, 3^4, 2^{19}\})$	5456
12	$\mathcal{O}(0; \{12^4, 6^3, 3^7, 2^{15}\})$	43696
12	$\mathcal{O}(0; \{12^4, 6^3, 3^{10}, 2^{11}\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^3, 3^{13}, 2^7\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^3, 3^{16}, 2^3\})$	22369616
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3, 2^{20}\})$	2752
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^4, 2^{16}\})$	21824
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^7, 2^{12}\})$	174784
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^{10}, 2^8\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^{13}, 2^4\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^{16}\})$	89478464
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3, 2^{17}\})$	11008
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^4, 2^{13}\})$	87296
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^7, 2^9\})$	699136
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^{10}, 2^5\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^{13}, 2\})$	44739328
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 3, 2^{14}\})$	44032
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 3^4, 2^{10}\})$	349184
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 3^7, 2^6\})$	2796544
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 3^{10}, 2^2\})$	22369280
12	$\mathcal{O}(0; \{12^4, 6^3, 4^8, 3, 2^{11}\})$	176128
12	$\mathcal{O}(0; \{12^4, 6^3, 4^8, 3^4, 2^7\})$	1396736
12	$\mathcal{O}(0; \{12^4, 6^3, 4^8, 3^7, 2^3\})$	11186176
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{10}, 3, 2^8\})$	704512

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{10}, 3^4, 2^4\})$	5586944
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{10}, 3^7\})$	44744704
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{12}, 3, 2^5\})$	2818048
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{12}, 3^4, 2\})$	22347776
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{14}, 3, 2^2\})$	11272192
12	$\mathcal{O}(0; \{12^4, 6^4, 3^2, 2^{20}\})$	2736
12	$\mathcal{O}(0; \{12^4, 6^4, 3^5, 2^{16}\})$	21840
12	$\mathcal{O}(0; \{12^4, 6^4, 3^8, 2^{12}\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^4, 3^{11}, 2^8\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^4, 3^{14}, 2^4\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^4, 3^{17}\})$	89478480
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^2, 2^{17}\})$	10944
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^5, 2^{13}\})$	87360
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^8, 2^9\})$	699072
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^{11}, 2^5\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^{14}, 2\})$	44739264
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3^2, 2^{14}\})$	43776
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3^5, 2^{10}\})$	349440
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3^8, 2^6\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3^{11}, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^4, 6^4, 4^6, 3^2, 2^{11}\})$	175104
12	$\mathcal{O}(0; \{12^4, 6^4, 4^6, 3^5, 2^7\})$	1397760
12	$\mathcal{O}(0; \{12^4, 6^4, 4^6, 3^8, 2^3\})$	11185152
12	$\mathcal{O}(0; \{12^4, 6^4, 4^8, 3^2, 2^8\})$	700416
12	$\mathcal{O}(0; \{12^4, 6^4, 4^8, 3^5, 2^4\})$	5591040
12	$\mathcal{O}(0; \{12^4, 6^4, 4^8, 3^8\})$	44740608
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{10}, 3^2, 2^5\})$	2801664
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{10}, 3^5, 2\})$	22364160
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{12}, 3^2, 2^2\})$	11206656
12	$\mathcal{O}(0; \{12^4, 6^5, 2^{21}\})$	1360
12	$\mathcal{O}(0; \{12^4, 6^5, 3^3, 2^{17}\})$	10928
12	$\mathcal{O}(0; \{12^4, 6^5, 3^6, 2^{13}\})$	87376
12	$\mathcal{O}(0; \{12^4, 6^5, 3^9, 2^9\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^5, 3^{12}, 2^5\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^5, 3^{15}, 2\})$	44739248
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 2^{18}\})$	5440
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^3, 2^{14}\})$	43712
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^6, 2^{10}\})$	349504
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^9, 2^6\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^{12}, 2^2\})$	22369600
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 2^{15}\})$	21760
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 3^3, 2^{11}\})$	174848
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 3^6, 2^7\})$	1398016

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 3^9, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^4, 6^5, 4^6, 2^{12}\})$	87040
12	$\mathcal{O}(0; \{12^4, 6^5, 4^6, 3^3, 2^8\})$	699392
12	$\mathcal{O}(0; \{12^4, 6^5, 4^6, 3^6, 2^4\})$	5592064
12	$\mathcal{O}(0; \{12^4, 6^5, 4^6, 3^9\})$	44739584
12	$\mathcal{O}(0; \{12^4, 6^5, 4^8, 2^9\})$	348160
12	$\mathcal{O}(0; \{12^4, 6^5, 4^8, 3^3, 2^5\})$	2797568
12	$\mathcal{O}(0; \{12^4, 6^5, 4^8, 3^6, 2\})$	22368256
12	$\mathcal{O}(0; \{12^4, 6^5, 4^{10}, 2^6\})$	1392640
12	$\mathcal{O}(0; \{12^4, 6^5, 4^{10}, 3^3, 2^2\})$	11190272
12	$\mathcal{O}(0; \{12^4, 6^5, 4^{12}, 2^3\})$	5570560
12	$\mathcal{O}(0; \{12^4, 6^5, 4^{14}\})$	22282240
12	$\mathcal{O}(0; \{12^4, 6^6, 3, 2^{18}\})$	5456
12	$\mathcal{O}(0; \{12^4, 6^6, 3^4, 2^{14}\})$	43696
12	$\mathcal{O}(0; \{12^4, 6^6, 3^7, 2^{10}\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^6, 3^{10}, 2^6\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^6, 3^{13}, 2^2\})$	22369616
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3, 2^{15}\})$	21824
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3^4, 2^{11}\})$	174784
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3^7, 2^7\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3^{10}, 2^3\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^6, 4^4, 3, 2^{12}\})$	87296
12	$\mathcal{O}(0; \{12^4, 6^6, 4^4, 3^4, 2^8\})$	699136
12	$\mathcal{O}(0; \{12^4, 6^6, 4^4, 3^7, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^6, 4^4, 3^{10}\})$	44739328
12	$\mathcal{O}(0; \{12^4, 6^6, 4^6, 3, 2^9\})$	349184
12	$\mathcal{O}(0; \{12^4, 6^6, 4^6, 3^4, 2^5\})$	2796544
12	$\mathcal{O}(0; \{12^4, 6^6, 4^6, 3^7, 2\})$	22369280
12	$\mathcal{O}(0; \{12^4, 6^6, 4^8, 3, 2^6\})$	1396736
12	$\mathcal{O}(0; \{12^4, 6^6, 4^8, 3^4, 2^2\})$	11186176
12	$\mathcal{O}(0; \{12^4, 6^6, 4^{10}, 3, 2^3\})$	5586944
12	$\mathcal{O}(0; \{12^4, 6^6, 4^{12}, 3\})$	22347776
12	$\mathcal{O}(0; \{12^4, 6^7, 3^2, 2^{15}\})$	21840
12	$\mathcal{O}(0; \{12^4, 6^7, 3^5, 2^{11}\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^7, 3^8, 2^7\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^7, 3^{11}, 2^3\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 3^2, 2^{12}\})$	87360
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 3^5, 2^8\})$	699072
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 3^8, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 3^{11}\})$	44739264
12	$\mathcal{O}(0; \{12^4, 6^7, 4^4, 3^2, 2^9\})$	349440
12	$\mathcal{O}(0; \{12^4, 6^7, 4^4, 3^5, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6^7, 4^4, 3^8, 2\})$	22369536

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^7, 4^6, 3^2, 2^6\})$	1397760
12	$\mathcal{O}(0; \{12^4, 6^7, 4^6, 3^5, 2^2\})$	11185152
12	$\mathcal{O}(0; \{12^4, 6^7, 4^8, 3^2, 2^3\})$	5591040
12	$\mathcal{O}(0; \{12^4, 6^7, 4^{10}, 3^2\})$	22364160
12	$\mathcal{O}(0; \{12^4, 6^8, 2^{16}\})$	10928
12	$\mathcal{O}(0; \{12^4, 6^8, 3^3, 2^{12}\})$	87376
12	$\mathcal{O}(0; \{12^4, 6^8, 3^6, 2^8\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^8, 3^9, 2^4\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^8, 3^{12}\})$	44739248
12	$\mathcal{O}(0; \{12^4, 6^8, 4^2, 2^{13}\})$	43712
12	$\mathcal{O}(0; \{12^4, 6^8, 4^2, 3^3, 2^9\})$	349504
12	$\mathcal{O}(0; \{12^4, 6^8, 4^2, 3^6, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^8, 4^2, 3^9, 2\})$	22369600
12	$\mathcal{O}(0; \{12^4, 6^8, 4^4, 2^{10}\})$	174848
12	$\mathcal{O}(0; \{12^4, 6^8, 4^4, 3^3, 2^6\})$	1398016
12	$\mathcal{O}(0; \{12^4, 6^8, 4^4, 3^6, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^4, 6^8, 4^6, 2^7\})$	699392
12	$\mathcal{O}(0; \{12^4, 6^8, 4^6, 3^3, 2^3\})$	5592064
12	$\mathcal{O}(0; \{12^4, 6^8, 4^8, 2^4\})$	2797568
12	$\mathcal{O}(0; \{12^4, 6^8, 4^8, 3^3\})$	22368256
12	$\mathcal{O}(0; \{12^4, 6^8, 4^{10}, 2\})$	11190272
12	$\mathcal{O}(0; \{12^4, 6^9, 3, 2^{13}\})$	43696
12	$\mathcal{O}(0; \{12^4, 6^9, 3^4, 2^9\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^9, 3^7, 2^5\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^9, 3^{10}, 2\})$	22369616
12	$\mathcal{O}(0; \{12^4, 6^9, 4^2, 3, 2^{10}\})$	174784
12	$\mathcal{O}(0; \{12^4, 6^9, 4^2, 3^4, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^9, 4^2, 3^7, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^9, 4^4, 3, 2^7\})$	699136
12	$\mathcal{O}(0; \{12^4, 6^9, 4^4, 3^4, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^9, 4^6, 3, 2^4\})$	2796544
12	$\mathcal{O}(0; \{12^4, 6^9, 4^6, 3^4\})$	22369280
12	$\mathcal{O}(0; \{12^4, 6^9, 4^8, 3, 2\})$	11186176
12	$\mathcal{O}(0; \{12^4, 6^{10}, 3^2, 2^{10}\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^{10}, 3^5, 2^6\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^{10}, 3^8, 2^2\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^2, 3^2, 2^7\})$	699072
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^2, 3^5, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^4, 3^2, 2^4\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^4, 3^5\})$	22369536
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^6, 3^2, 2\})$	11185152
12	$\mathcal{O}(0; \{12^4, 6^{11}, 2^{11}\})$	87376
12	$\mathcal{O}(0; \{12^4, 6^{11}, 3^3, 2^7\})$	699056

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^{11}, 3^6, 2^3\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^2, 2^8\})$	349504
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^2, 3^3, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^2, 3^6\})$	22369600
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^4, 2^5\})$	1398016
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^4, 3^3, 2\})$	11184896
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^6, 2^2\})$	5592064
12	$\mathcal{O}(0; \{12^4, 6^{12}, 3, 2^8\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^{12}, 3^4, 2^4\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^{12}, 3^7\})$	22369616
12	$\mathcal{O}(0; \{12^4, 6^{12}, 4^2, 3, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^{12}, 4^2, 3^4, 2\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^{12}, 4^4, 3, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^{13}, 3^2, 2^5\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^{13}, 3^5, 2\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^{13}, 4^2, 3^2, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^{14}, 2^6\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^{14}, 3^3, 2^2\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^{14}, 4^2, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^{14}, 4^4\})$	11184896
12	$\mathcal{O}(0; \{12^4, 6^{15}, 3, 2^3\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^{15}, 4^2, 3\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^{16}, 3^2\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^{17}, 2\})$	5592400
12	$\mathcal{O}(0; \{12^5, 4, 2^{26}\})$	320
12	$\mathcal{O}(0; \{12^5, 4, 3^3, 2^{22}\})$	2752
12	$\mathcal{O}(0; \{12^5, 4, 3^6, 2^{18}\})$	21824
12	$\mathcal{O}(0; \{12^5, 4, 3^9, 2^{14}\})$	174784
12	$\mathcal{O}(0; \{12^5, 4, 3^{12}, 2^{10}\})$	1398080
12	$\mathcal{O}(0; \{12^5, 4, 3^{15}, 2^6\})$	11184832
12	$\mathcal{O}(0; \{12^5, 4, 3^{18}, 2^2\})$	89478464
12	$\mathcal{O}(0; \{12^5, 4^3, 2^{23}\})$	1280
12	$\mathcal{O}(0; \{12^5, 4^3, 3^3, 2^{19}\})$	11008
12	$\mathcal{O}(0; \{12^5, 4^3, 3^6, 2^{15}\})$	87296
12	$\mathcal{O}(0; \{12^5, 4^3, 3^9, 2^{11}\})$	699136
12	$\mathcal{O}(0; \{12^5, 4^3, 3^{12}, 2^7\})$	5592320
12	$\mathcal{O}(0; \{12^5, 4^3, 3^{15}, 2^3\})$	44739328
12	$\mathcal{O}(0; \{12^5, 4^5, 2^{20}\})$	5120
12	$\mathcal{O}(0; \{12^5, 4^5, 3^3, 2^{16}\})$	44032
12	$\mathcal{O}(0; \{12^5, 4^5, 3^6, 2^{12}\})$	349184
12	$\mathcal{O}(0; \{12^5, 4^5, 3^9, 2^8\})$	2796544
12	$\mathcal{O}(0; \{12^5, 4^5, 3^{12}, 2^4\})$	22369280
12	$\mathcal{O}(0; \{12^5, 4^5, 3^{15}\})$	178957312

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 4^7, 2^{17}\})$	20480
12	$\mathcal{O}(0; \{12^5, 4^7, 3^3, 2^{13}\})$	176128
12	$\mathcal{O}(0; \{12^5, 4^7, 3^6, 2^9\})$	1396736
12	$\mathcal{O}(0; \{12^5, 4^7, 3^9, 2^5\})$	11186176
12	$\mathcal{O}(0; \{12^5, 4^7, 3^{12}, 2\})$	89477120
12	$\mathcal{O}(0; \{12^5, 4^9, 2^{14}\})$	81920
12	$\mathcal{O}(0; \{12^5, 4^9, 3^3, 2^{10}\})$	704512
12	$\mathcal{O}(0; \{12^5, 4^9, 3^6, 2^6\})$	5586944
12	$\mathcal{O}(0; \{12^5, 4^9, 3^9, 2^2\})$	44744704
12	$\mathcal{O}(0; \{12^5, 4^{11}, 2^{11}\})$	327680
12	$\mathcal{O}(0; \{12^5, 4^{11}, 3^3, 2^7\})$	2818048
12	$\mathcal{O}(0; \{12^5, 4^{11}, 3^6, 2^3\})$	22347776
12	$\mathcal{O}(0; \{12^5, 4^{13}, 2^8\})$	1310720
12	$\mathcal{O}(0; \{12^5, 4^{13}, 3^3, 2^4\})$	11272192
12	$\mathcal{O}(0; \{12^5, 4^{13}, 3^6\})$	89391104
12	$\mathcal{O}(0; \{12^5, 4^{15}, 2^5\})$	5242880
12	$\mathcal{O}(0; \{12^5, 4^{15}, 3^3, 2\})$	45088768
12	$\mathcal{O}(0; \{12^5, 4^{17}, 2^2\})$	20971520
12	$\mathcal{O}(0; \{12^5, 6, 4, 3, 2^{23}\})$	1344
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^4, 2^{19}\})$	10944
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^7, 2^{15}\})$	87360
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^{10}, 2^{11}\})$	699072
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^{13}, 2^7\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^{16}, 2^3\})$	44739264
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3, 2^{20}\})$	5376
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^4, 2^{16}\})$	43776
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^7, 2^{12}\})$	349440
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^{10}, 2^8\})$	2796288
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^{13}, 2^4\})$	22369536
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^{16}\})$	178957056
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3, 2^{17}\})$	21504
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^4, 2^{13}\})$	175104
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^7, 2^9\})$	1397760
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^{10}, 2^5\})$	11185152
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^{13}, 2\})$	89478144
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 3, 2^{14}\})$	86016
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 3^4, 2^{10}\})$	700416
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 3^7, 2^6\})$	5591040
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 3^{10}, 2^2\})$	44740608
12	$\mathcal{O}(0; \{12^5, 6, 4^9, 3, 2^{11}\})$	344064
12	$\mathcal{O}(0; \{12^5, 6, 4^9, 3^4, 2^7\})$	2801664
12	$\mathcal{O}(0; \{12^5, 6, 4^9, 3^7, 2^3\})$	22364160
12	$\mathcal{O}(0; \{12^5, 6, 4^{11}, 3, 2^8\})$	1376256

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6, 4^{11}, 3^4, 2^4\})$	11206656
12	$\mathcal{O}(0; \{12^5, 6, 4^{11}, 3^7\})$	89456640
12	$\mathcal{O}(0; \{12^5, 6, 4^{13}, 3, 2^5\})$	5505024
12	$\mathcal{O}(0; \{12^5, 6, 4^{13}, 3^4, 2\})$	44826624
12	$\mathcal{O}(0; \{12^5, 6, 4^{15}, 3, 2^2\})$	22020096
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^2, 2^{20}\})$	5440
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^5, 2^{16}\})$	43712
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^8, 2^{12}\})$	349504
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^{11}, 2^8\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^{14}, 2^4\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^{17}\})$	178956992
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^2, 2^{17}\})$	21760
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^5, 2^{13}\})$	174848
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^8, 2^9\})$	1398016
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^{11}, 2^5\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^{14}, 2\})$	89478400
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3^2, 2^{14}\})$	87040
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3^5, 2^{10}\})$	699392
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3^8, 2^6\})$	5592064
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3^{11}, 2^2\})$	44739584
12	$\mathcal{O}(0; \{12^5, 6^2, 4^7, 3^2, 2^{11}\})$	348160
12	$\mathcal{O}(0; \{12^5, 6^2, 4^7, 3^5, 2^7\})$	2797568
12	$\mathcal{O}(0; \{12^5, 6^2, 4^7, 3^8, 2^3\})$	22368256
12	$\mathcal{O}(0; \{12^5, 6^2, 4^9, 3^2, 2^8\})$	1392640
12	$\mathcal{O}(0; \{12^5, 6^2, 4^9, 3^5, 2^4\})$	11190272
12	$\mathcal{O}(0; \{12^5, 6^2, 4^9, 3^8\})$	89473024
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{11}, 3^2, 2^5\})$	5570560
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{11}, 3^5, 2\})$	44761088
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{13}, 3^2, 2^2\})$	22282240
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 2^{21}\})$	2752
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^3, 2^{17}\})$	21824
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^6, 2^{13}\})$	174784
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^9, 2^9\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^{12}, 2^5\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^{15}, 2\})$	89478464
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 2^{18}\})$	11008
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^3, 2^{14}\})$	87296
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^6, 2^{10}\})$	699136
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^9, 2^6\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^{12}, 2^2\})$	44739328
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 2^{15}\})$	44032
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 3^3, 2^{11}\})$	349184
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 3^6, 2^7\})$	2796544

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 3^9, 2^3\})$	22369280
12	$\mathcal{O}(0; \{12^5, 6^3, 4^7, 2^{12}\})$	176128
12	$\mathcal{O}(0; \{12^5, 6^3, 4^7, 3^3, 2^8\})$	1396736
12	$\mathcal{O}(0; \{12^5, 6^3, 4^7, 3^6, 2^4\})$	11186176
12	$\mathcal{O}(0; \{12^5, 6^3, 4^7, 3^9\})$	89477120
12	$\mathcal{O}(0; \{12^5, 6^3, 4^9, 2^9\})$	704512
12	$\mathcal{O}(0; \{12^5, 6^3, 4^9, 3^3, 2^5\})$	5586944
12	$\mathcal{O}(0; \{12^5, 6^3, 4^9, 3^6, 2\})$	44744704
12	$\mathcal{O}(0; \{12^5, 6^3, 4^{11}, 2^6\})$	2818048
12	$\mathcal{O}(0; \{12^5, 6^3, 4^{11}, 3^3, 2^2\})$	22347776
12	$\mathcal{O}(0; \{12^5, 6^3, 4^{13}, 2^3\})$	11272192
12	$\mathcal{O}(0; \{12^5, 6^3, 4^{15}\})$	45088768
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3, 2^{18}\})$	10944
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^4, 2^{14}\})$	87360
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^7, 2^{10}\})$	699072
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^{10}, 2^6\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^{13}, 2^2\})$	44739264
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3, 2^{15}\})$	43776
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3^4, 2^{11}\})$	349440
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3^7, 2^7\})$	2796288
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3^{10}, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^5, 6^4, 4^5, 3, 2^{12}\})$	175104
12	$\mathcal{O}(0; \{12^5, 6^4, 4^5, 3^4, 2^8\})$	1397760
12	$\mathcal{O}(0; \{12^5, 6^4, 4^5, 3^7, 2^4\})$	11185152
12	$\mathcal{O}(0; \{12^5, 6^4, 4^5, 3^{10}\})$	89478144
12	$\mathcal{O}(0; \{12^5, 6^4, 4^7, 3, 2^9\})$	700416
12	$\mathcal{O}(0; \{12^5, 6^4, 4^7, 3^4, 2^5\})$	5591040
12	$\mathcal{O}(0; \{12^5, 6^4, 4^7, 3^7, 2\})$	44740608
12	$\mathcal{O}(0; \{12^5, 6^4, 4^9, 3, 2^6\})$	2801664
12	$\mathcal{O}(0; \{12^5, 6^4, 4^9, 3^4, 2^2\})$	22364160
12	$\mathcal{O}(0; \{12^5, 6^4, 4^{11}, 3, 2^3\})$	11206656
12	$\mathcal{O}(0; \{12^5, 6^4, 4^{13}, 3\})$	44826624
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^2, 2^{15}\})$	43712
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^5, 2^{11}\})$	349504
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^8, 2^7\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^{11}, 2^3\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 3^2, 2^{12}\})$	174848
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 3^5, 2^8\})$	1398016
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 3^8, 2^4\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 3^{11}\})$	89478400
12	$\mathcal{O}(0; \{12^5, 6^5, 4^5, 3^2, 2^9\})$	699392
12	$\mathcal{O}(0; \{12^5, 6^5, 4^5, 3^5, 2^5\})$	5592064
12	$\mathcal{O}(0; \{12^5, 6^5, 4^5, 3^8, 2\})$	44739584

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6^5, 4^7, 3^2, 2^6\})$	2797568
12	$\mathcal{O}(0; \{12^5, 6^5, 4^7, 3^5, 2^2\})$	22368256
12	$\mathcal{O}(0; \{12^5, 6^5, 4^9, 3^2, 2^3\})$	11190272
12	$\mathcal{O}(0; \{12^5, 6^5, 4^{11}, 3^2\})$	44761088
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 2^{16}\})$	21824
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3^3, 2^{12}\})$	174784
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3^6, 2^8\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3^9, 2^4\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3^{12}\})$	89478464
12	$\mathcal{O}(0; \{12^5, 6^6, 4^3, 2^{13}\})$	87296
12	$\mathcal{O}(0; \{12^5, 6^6, 4^3, 3^3, 2^9\})$	699136
12	$\mathcal{O}(0; \{12^5, 6^6, 4^3, 3^6, 2^5\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^6, 4^3, 3^9, 2\})$	44739328
12	$\mathcal{O}(0; \{12^5, 6^6, 4^5, 2^{10}\})$	349184
12	$\mathcal{O}(0; \{12^5, 6^6, 4^5, 3^3, 2^6\})$	2796544
12	$\mathcal{O}(0; \{12^5, 6^6, 4^5, 3^6, 2^2\})$	22369280
12	$\mathcal{O}(0; \{12^5, 6^6, 4^7, 2^7\})$	1396736
12	$\mathcal{O}(0; \{12^5, 6^6, 4^7, 3^3, 2^3\})$	11186176
12	$\mathcal{O}(0; \{12^5, 6^6, 4^9, 2^4\})$	5586944
12	$\mathcal{O}(0; \{12^5, 6^6, 4^9, 3^3\})$	44744704
12	$\mathcal{O}(0; \{12^5, 6^6, 4^{11}, 2\})$	22347776
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 3, 2^{13}\})$	87360
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 3^4, 2^9\})$	699072
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 3^7, 2^5\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 3^{10}, 2\})$	44739264
12	$\mathcal{O}(0; \{12^5, 6^7, 4^3, 3, 2^{10}\})$	349440
12	$\mathcal{O}(0; \{12^5, 6^7, 4^3, 3^4, 2^6\})$	2796288
12	$\mathcal{O}(0; \{12^5, 6^7, 4^3, 3^7, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^5, 6^7, 4^5, 3, 2^7\})$	1397760
12	$\mathcal{O}(0; \{12^5, 6^7, 4^5, 3^4, 2^3\})$	11185152
12	$\mathcal{O}(0; \{12^5, 6^7, 4^7, 3, 2^4\})$	5591040
12	$\mathcal{O}(0; \{12^5, 6^7, 4^7, 3^4\})$	44740608
12	$\mathcal{O}(0; \{12^5, 6^7, 4^9, 3, 2\})$	22364160
12	$\mathcal{O}(0; \{12^5, 6^8, 4, 3^2, 2^{10}\})$	349504
12	$\mathcal{O}(0; \{12^5, 6^8, 4, 3^5, 2^6\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^8, 4, 3^8, 2^2\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6^8, 4^3, 3^2, 2^7\})$	1398016
12	$\mathcal{O}(0; \{12^5, 6^8, 4^3, 3^5, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^8, 4^5, 3^2, 2^4\})$	5592064
12	$\mathcal{O}(0; \{12^5, 6^8, 4^5, 3^5\})$	44739584
12	$\mathcal{O}(0; \{12^5, 6^8, 4^7, 3^2, 2\})$	22368256
12	$\mathcal{O}(0; \{12^5, 6^9, 4, 2^{11}\})$	174784
12	$\mathcal{O}(0; \{12^5, 6^9, 4, 3^3, 2^7\})$	1398080

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6^9, 4, 3^6, 2^3\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^9, 4^3, 2^8\})$	699136
12	$\mathcal{O}(0; \{12^5, 6^9, 4^3, 3^3, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^9, 4^3, 3^6\})$	44739328
12	$\mathcal{O}(0; \{12^5, 6^9, 4^5, 2^5\})$	2796544
12	$\mathcal{O}(0; \{12^5, 6^9, 4^5, 3^3, 2\})$	22369280
12	$\mathcal{O}(0; \{12^5, 6^9, 4^7, 2^2\})$	11186176
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4, 3, 2^8\})$	699072
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4, 3^4, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4, 3^7\})$	44739264
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4^3, 3, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4^3, 3^4, 2\})$	22369536
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4^5, 3, 2^2\})$	11185152
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4, 3^2, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4, 3^5, 2\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4^3, 3^2, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^{12}, 4, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6^{12}, 4, 3^3, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^{12}, 4^3, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^{12}, 4^5\})$	22369280
12	$\mathcal{O}(0; \{12^5, 6^{13}, 4, 3, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^{13}, 4^3, 3\})$	22369536
12	$\mathcal{O}(0; \{12^5, 6^{14}, 4, 3^2\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6^{15}, 4, 2\})$	11184832
12	$\mathcal{O}(0; \{12^6, 3^2, 2^{23}\})$	2752
12	$\mathcal{O}(0; \{12^6, 3^5, 2^{19}\})$	21824
12	$\mathcal{O}(0; \{12^6, 3^8, 2^{15}\})$	174784
12	$\mathcal{O}(0; \{12^6, 3^{11}, 2^{11}\})$	1398080
12	$\mathcal{O}(0; \{12^6, 3^{14}, 2^7\})$	11184832
12	$\mathcal{O}(0; \{12^6, 3^{17}, 2^3\})$	89478464
12	$\mathcal{O}(0; \{12^6, 4^2, 3^2, 2^{20}\})$	11008
12	$\mathcal{O}(0; \{12^6, 4^2, 3^5, 2^{16}\})$	87296
12	$\mathcal{O}(0; \{12^6, 4^2, 3^8, 2^{12}\})$	699136
12	$\mathcal{O}(0; \{12^6, 4^2, 3^{11}, 2^8\})$	5592320
12	$\mathcal{O}(0; \{12^6, 4^2, 3^{14}, 2^4\})$	44739328
12	$\mathcal{O}(0; \{12^6, 4^2, 3^{17}\})$	357913856
12	$\mathcal{O}(0; \{12^6, 4^4, 3^2, 2^{17}\})$	44032
12	$\mathcal{O}(0; \{12^6, 4^4, 3^5, 2^{13}\})$	349184
12	$\mathcal{O}(0; \{12^6, 4^4, 3^8, 2^9\})$	2796544
12	$\mathcal{O}(0; \{12^6, 4^4, 3^{11}, 2^5\})$	22369280
12	$\mathcal{O}(0; \{12^6, 4^4, 3^{14}, 2\})$	178957312
12	$\mathcal{O}(0; \{12^6, 4^6, 3^2, 2^{14}\})$	176128
12	$\mathcal{O}(0; \{12^6, 4^6, 3^5, 2^{10}\})$	1396736

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 4^6, 3^8, 2^6\})$	11186176
12	$\mathcal{O}(0; \{12^6, 4^6, 3^{11}, 2^2\})$	89477120
12	$\mathcal{O}(0; \{12^6, 4^8, 3^2, 2^{11}\})$	704512
12	$\mathcal{O}(0; \{12^6, 4^8, 3^5, 2^7\})$	5586944
12	$\mathcal{O}(0; \{12^6, 4^8, 3^8, 2^3\})$	44744704
12	$\mathcal{O}(0; \{12^6, 4^{10}, 3^2, 2^8\})$	2818048
12	$\mathcal{O}(0; \{12^6, 4^{10}, 3^5, 2^4\})$	22347776
12	$\mathcal{O}(0; \{12^6, 4^{10}, 3^8\})$	178978816
12	$\mathcal{O}(0; \{12^6, 4^{12}, 3^2, 2^5\})$	11272192
12	$\mathcal{O}(0; \{12^6, 4^{12}, 3^5, 2\})$	89391104
12	$\mathcal{O}(0; \{12^6, 4^{14}, 3^2, 2^2\})$	45088768
12	$\mathcal{O}(0; \{12^6, 6, 2^{24}\})$	1344
12	$\mathcal{O}(0; \{12^6, 6, 3^3, 2^{20}\})$	10944
12	$\mathcal{O}(0; \{12^6, 6, 3^6, 2^{16}\})$	87360
12	$\mathcal{O}(0; \{12^6, 6, 3^9, 2^{12}\})$	699072
12	$\mathcal{O}(0; \{12^6, 6, 3^{12}, 2^8\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6, 3^{15}, 2^4\})$	44739264
12	$\mathcal{O}(0; \{12^6, 6, 3^{18}\})$	357913920
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 2^{21}\})$	5376
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^3, 2^{17}\})$	43776
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^6, 2^{13}\})$	349440
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^9, 2^9\})$	2796288
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^{12}, 2^5\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^{15}, 2\})$	178957056
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 2^{18}\})$	21504
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^3, 2^{14}\})$	175104
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^6, 2^{10}\})$	1397760
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^9, 2^6\})$	11185152
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^{12}, 2^2\})$	89478144
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 2^{15}\})$	86016
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 3^3, 2^{11}\})$	700416
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 3^6, 2^7\})$	5591040
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 3^9, 2^3\})$	44740608
12	$\mathcal{O}(0; \{12^6, 6, 4^8, 2^{12}\})$	344064
12	$\mathcal{O}(0; \{12^6, 6, 4^8, 3^3, 2^8\})$	2801664
12	$\mathcal{O}(0; \{12^6, 6, 4^8, 3^6, 2^4\})$	22364160
12	$\mathcal{O}(0; \{12^6, 6, 4^8, 3^9\})$	178962432
12	$\mathcal{O}(0; \{12^6, 6, 4^{10}, 2^9\})$	1376256
12	$\mathcal{O}(0; \{12^6, 6, 4^{10}, 3^3, 2^5\})$	11206656
12	$\mathcal{O}(0; \{12^6, 6, 4^{10}, 3^6, 2\})$	89456640
12	$\mathcal{O}(0; \{12^6, 6, 4^{12}, 2^6\})$	5505024
12	$\mathcal{O}(0; \{12^6, 6, 4^{12}, 3^3, 2^2\})$	44826624
12	$\mathcal{O}(0; \{12^6, 6, 4^{14}, 2^3\})$	22020096

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6, 4^{16}\})$	88080384
12	$\mathcal{O}(0; \{12^6, 6^2, 3, 2^{21}\})$	5440
12	$\mathcal{O}(0; \{12^6, 6^2, 3^4, 2^{17}\})$	43712
12	$\mathcal{O}(0; \{12^6, 6^2, 3^7, 2^{13}\})$	349504
12	$\mathcal{O}(0; \{12^6, 6^2, 3^{10}, 2^9\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^2, 3^{13}, 2^5\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^2, 3^{16}, 2\})$	178956992
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3, 2^{18}\})$	21760
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^4, 2^{14}\})$	174848
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^7, 2^{10}\})$	1398016
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^{10}, 2^6\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^{13}, 2^2\})$	89478400
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3, 2^{15}\})$	87040
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3^4, 2^{11}\})$	699392
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3^7, 2^7\})$	5592064
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3^{10}, 2^3\})$	44739584
12	$\mathcal{O}(0; \{12^6, 6^2, 4^6, 3, 2^{12}\})$	348160
12	$\mathcal{O}(0; \{12^6, 6^2, 4^6, 3^4, 2^8\})$	2797568
12	$\mathcal{O}(0; \{12^6, 6^2, 4^6, 3^7, 2^4\})$	22368256
12	$\mathcal{O}(0; \{12^6, 6^2, 4^6, 3^{10}\})$	178958336
12	$\mathcal{O}(0; \{12^6, 6^2, 4^8, 3, 2^9\})$	1392640
12	$\mathcal{O}(0; \{12^6, 6^2, 4^8, 3^4, 2^5\})$	11190272
12	$\mathcal{O}(0; \{12^6, 6^2, 4^8, 3^7, 2\})$	89473024
12	$\mathcal{O}(0; \{12^6, 6^2, 4^{10}, 3, 2^6\})$	5570560
12	$\mathcal{O}(0; \{12^6, 6^2, 4^{10}, 3^4, 2^2\})$	44761088
12	$\mathcal{O}(0; \{12^6, 6^2, 4^{12}, 3, 2^3\})$	22282240
12	$\mathcal{O}(0; \{12^6, 6^2, 4^{14}, 3\})$	89128960
12	$\mathcal{O}(0; \{12^6, 6^3, 3^2, 2^{18}\})$	21824
12	$\mathcal{O}(0; \{12^6, 6^3, 3^5, 2^{14}\})$	174784
12	$\mathcal{O}(0; \{12^6, 6^3, 3^8, 2^{10}\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6^3, 3^{11}, 2^6\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^3, 3^{14}, 2^2\})$	89478464
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^2, 2^{15}\})$	87296
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^5, 2^{11}\})$	699136
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^8, 2^7\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^{11}, 2^3\})$	44739328
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 3^2, 2^{12}\})$	349184
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 3^5, 2^8\})$	2796544
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 3^8, 2^4\})$	22369280
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 3^{11}\})$	178957312
12	$\mathcal{O}(0; \{12^6, 6^3, 4^6, 3^2, 2^9\})$	1396736
12	$\mathcal{O}(0; \{12^6, 6^3, 4^6, 3^5, 2^5\})$	11186176
12	$\mathcal{O}(0; \{12^6, 6^3, 4^6, 3^8, 2\})$	89477120

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6^3, 4^8, 3^2, 2^6\})$	5586944
12	$\mathcal{O}(0; \{12^6, 6^3, 4^8, 3^5, 2^2\})$	44744704
12	$\mathcal{O}(0; \{12^6, 6^3, 4^{10}, 3^2, 2^3\})$	22347776
12	$\mathcal{O}(0; \{12^6, 6^3, 4^{12}, 3^2\})$	89391104
12	$\mathcal{O}(0; \{12^6, 6^4, 2^{19}\})$	10944
12	$\mathcal{O}(0; \{12^6, 6^4, 3^3, 2^{15}\})$	87360
12	$\mathcal{O}(0; \{12^6, 6^4, 3^6, 2^{11}\})$	699072
12	$\mathcal{O}(0; \{12^6, 6^4, 3^9, 2^7\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^4, 3^{12}, 2^3\})$	44739264
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 2^{16}\})$	43776
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3^3, 2^{12}\})$	349440
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3^6, 2^8\})$	2796288
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3^9, 2^4\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3^{12}\})$	178957056
12	$\mathcal{O}(0; \{12^6, 6^4, 4^4, 2^{13}\})$	175104
12	$\mathcal{O}(0; \{12^6, 6^4, 4^4, 3^3, 2^9\})$	1397760
12	$\mathcal{O}(0; \{12^6, 6^4, 4^4, 3^6, 2^5\})$	11185152
12	$\mathcal{O}(0; \{12^6, 6^4, 4^4, 3^9, 2\})$	89478144
12	$\mathcal{O}(0; \{12^6, 6^4, 4^6, 2^{10}\})$	700416
12	$\mathcal{O}(0; \{12^6, 6^4, 4^6, 3^3, 2^6\})$	5591040
12	$\mathcal{O}(0; \{12^6, 6^4, 4^6, 3^6, 2^2\})$	44740608
12	$\mathcal{O}(0; \{12^6, 6^4, 4^8, 2^7\})$	2801664
12	$\mathcal{O}(0; \{12^6, 6^4, 4^8, 3^3, 2^3\})$	22364160
12	$\mathcal{O}(0; \{12^6, 6^4, 4^{10}, 2^4\})$	11206656
12	$\mathcal{O}(0; \{12^6, 6^4, 4^{10}, 3^3\})$	89456640
12	$\mathcal{O}(0; \{12^6, 6^4, 4^{12}, 2\})$	44826624
12	$\mathcal{O}(0; \{12^6, 6^5, 3, 2^{16}\})$	43712
12	$\mathcal{O}(0; \{12^6, 6^5, 3^4, 2^{12}\})$	349504
12	$\mathcal{O}(0; \{12^6, 6^5, 3^7, 2^8\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^5, 3^{10}, 2^4\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^5, 3^{13}\})$	178956992
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 3, 2^{13}\})$	174848
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 3^4, 2^9\})$	1398016
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 3^7, 2^5\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 3^{10}, 2\})$	89478400
12	$\mathcal{O}(0; \{12^6, 6^5, 4^4, 3, 2^{10}\})$	699392
12	$\mathcal{O}(0; \{12^6, 6^5, 4^4, 3^4, 2^6\})$	5592064
12	$\mathcal{O}(0; \{12^6, 6^5, 4^4, 3^7, 2^2\})$	44739584
12	$\mathcal{O}(0; \{12^6, 6^5, 4^6, 3, 2^7\})$	2797568
12	$\mathcal{O}(0; \{12^6, 6^5, 4^6, 3^4, 2^3\})$	22368256
12	$\mathcal{O}(0; \{12^6, 6^5, 4^8, 3, 2^4\})$	11190272
12	$\mathcal{O}(0; \{12^6, 6^5, 4^8, 3^4\})$	89473024
12	$\mathcal{O}(0; \{12^6, 6^5, 4^{10}, 3, 2\})$	44761088

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6^6, 3^2, 2^{13}\})$	174784
12	$\mathcal{O}(0; \{12^6, 6^6, 3^5, 2^9\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6^6, 3^8, 2^5\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^6, 3^{11}, 2\})$	89478464
12	$\mathcal{O}(0; \{12^6, 6^6, 4^2, 3^2, 2^{10}\})$	699136
12	$\mathcal{O}(0; \{12^6, 6^6, 4^2, 3^5, 2^6\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6^6, 4^2, 3^8, 2^2\})$	44739328
12	$\mathcal{O}(0; \{12^6, 6^6, 4^4, 3^2, 2^7\})$	2796544
12	$\mathcal{O}(0; \{12^6, 6^6, 4^4, 3^5, 2^3\})$	22369280
12	$\mathcal{O}(0; \{12^6, 6^6, 4^6, 3^2, 2^4\})$	11186176
12	$\mathcal{O}(0; \{12^6, 6^6, 4^6, 3^5\})$	89477120
12	$\mathcal{O}(0; \{12^6, 6^6, 4^8, 3^2, 2\})$	44744704
12	$\mathcal{O}(0; \{12^6, 6^7, 2^{14}\})$	87360
12	$\mathcal{O}(0; \{12^6, 6^7, 3^3, 2^{10}\})$	699072
12	$\mathcal{O}(0; \{12^6, 6^7, 3^6, 2^6\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^7, 3^9, 2^2\})$	44739264
12	$\mathcal{O}(0; \{12^6, 6^7, 4^2, 2^{11}\})$	349440
12	$\mathcal{O}(0; \{12^6, 6^7, 4^2, 3^3, 2^7\})$	2796288
12	$\mathcal{O}(0; \{12^6, 6^7, 4^2, 3^6, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^7, 4^4, 2^8\})$	1397760
12	$\mathcal{O}(0; \{12^6, 6^7, 4^4, 3^3, 2^4\})$	11185152
12	$\mathcal{O}(0; \{12^6, 6^7, 4^4, 3^6\})$	89478144
12	$\mathcal{O}(0; \{12^6, 6^7, 4^6, 2^5\})$	5591040
12	$\mathcal{O}(0; \{12^6, 6^7, 4^6, 3^3, 2\})$	44740608
12	$\mathcal{O}(0; \{12^6, 6^7, 4^8, 2^2\})$	22364160
12	$\mathcal{O}(0; \{12^6, 6^8, 3, 2^{11}\})$	349504
12	$\mathcal{O}(0; \{12^6, 6^8, 3^4, 2^7\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^8, 3^7, 2^3\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^8, 4^2, 3, 2^8\})$	1398016
12	$\mathcal{O}(0; \{12^6, 6^8, 4^2, 3^4, 2^4\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^8, 4^2, 3^7\})$	89478400
12	$\mathcal{O}(0; \{12^6, 6^8, 4^4, 3, 2^5\})$	5592064
12	$\mathcal{O}(0; \{12^6, 6^8, 4^4, 3^4, 2\})$	44739584
12	$\mathcal{O}(0; \{12^6, 6^8, 4^6, 3, 2^2\})$	22368256
12	$\mathcal{O}(0; \{12^6, 6^9, 3^2, 2^8\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6^9, 3^5, 2^4\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^9, 3^8\})$	89478464
12	$\mathcal{O}(0; \{12^6, 6^9, 4^2, 3^2, 2^5\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6^9, 4^2, 3^5, 2\})$	44739328
12	$\mathcal{O}(0; \{12^6, 6^9, 4^4, 3^2, 2^2\})$	22369280
12	$\mathcal{O}(0; \{12^6, 6^{10}, 2^9\})$	699072
12	$\mathcal{O}(0; \{12^6, 6^{10}, 3^3, 2^5\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^{10}, 3^6, 2\})$	44739264

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6^{10}, 4^2, 2^6\})$	2796288
12	$\mathcal{O}(0; \{12^6, 6^{10}, 4^2, 3^3, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^{10}, 4^4, 2^3\})$	11185152
12	$\mathcal{O}(0; \{12^6, 6^{10}, 4^6\})$	44740608
12	$\mathcal{O}(0; \{12^6, 6^{11}, 3, 2^6\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^{11}, 3^4, 2^2\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^{11}, 4^2, 3, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^{11}, 4^4, 3\})$	44739584
12	$\mathcal{O}(0; \{12^6, 6^{12}, 3^2, 2^3\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^{12}, 4^2, 3^2\})$	44739328
12	$\mathcal{O}(0; \{12^6, 6^{13}, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^{13}, 3^3\})$	44739264
12	$\mathcal{O}(0; \{12^6, 6^{13}, 4^2, 2\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^{14}, 3, 2\})$	22369600
12	$\mathcal{O}(0; \{12^7, 4, 3, 2^{21}\})$	11008
12	$\mathcal{O}(0; \{12^7, 4, 3^4, 2^{17}\})$	87296
12	$\mathcal{O}(0; \{12^7, 4, 3^7, 2^{13}\})$	699136
12	$\mathcal{O}(0; \{12^7, 4, 3^{10}, 2^9\})$	5592320
12	$\mathcal{O}(0; \{12^7, 4, 3^{13}, 2^5\})$	44739328
12	$\mathcal{O}(0; \{12^7, 4, 3^{16}, 2\})$	357913856
12	$\mathcal{O}(0; \{12^7, 4^3, 3, 2^{18}\})$	44032
12	$\mathcal{O}(0; \{12^7, 4^3, 3^4, 2^{14}\})$	349184
12	$\mathcal{O}(0; \{12^7, 4^3, 3^7, 2^{10}\})$	2796544
12	$\mathcal{O}(0; \{12^7, 4^3, 3^{10}, 2^6\})$	22369280
12	$\mathcal{O}(0; \{12^7, 4^3, 3^{13}, 2^2\})$	178957312
12	$\mathcal{O}(0; \{12^7, 4^5, 3, 2^{15}\})$	176128
12	$\mathcal{O}(0; \{12^7, 4^5, 3^4, 2^{11}\})$	1396736
12	$\mathcal{O}(0; \{12^7, 4^5, 3^7, 2^7\})$	11186176
12	$\mathcal{O}(0; \{12^7, 4^5, 3^{10}, 2^3\})$	89477120
12	$\mathcal{O}(0; \{12^7, 4^7, 3, 2^{12}\})$	704512
12	$\mathcal{O}(0; \{12^7, 4^7, 3^4, 2^8\})$	5586944
12	$\mathcal{O}(0; \{12^7, 4^7, 3^7, 2^4\})$	44744704
12	$\mathcal{O}(0; \{12^7, 4^7, 3^{10}\})$	357908480
12	$\mathcal{O}(0; \{12^7, 4^9, 3, 2^9\})$	2818048
12	$\mathcal{O}(0; \{12^7, 4^9, 3^4, 2^5\})$	22347776
12	$\mathcal{O}(0; \{12^7, 4^9, 3^7, 2\})$	178978816
12	$\mathcal{O}(0; \{12^7, 4^{11}, 3, 2^6\})$	11272192
12	$\mathcal{O}(0; \{12^7, 4^{11}, 3^4, 2^2\})$	89391104
12	$\mathcal{O}(0; \{12^7, 4^{13}, 3, 2^3\})$	45088768
12	$\mathcal{O}(0; \{12^7, 4^{15}, 3\})$	180355072
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^2, 2^{18}\})$	43776
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^5, 2^{14}\})$	349440
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^8, 2^{10}\})$	2796288

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^{11}, 2^6\})$	22369536
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^{14}, 2^2\})$	178957056
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^2, 2^{15}\})$	175104
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^5, 2^{11}\})$	1397760
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^8, 2^7\})$	11185152
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^{11}, 2^3\})$	89478144
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 3^2, 2^{12}\})$	700416
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 3^5, 2^8\})$	5591040
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 3^8, 2^4\})$	44740608
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 3^{11}\})$	357912576
12	$\mathcal{O}(0; \{12^7, 6, 4^7, 3^2, 2^9\})$	2801664
12	$\mathcal{O}(0; \{12^7, 6, 4^7, 3^5, 2^5\})$	22364160
12	$\mathcal{O}(0; \{12^7, 6, 4^7, 3^8, 2\})$	178962432
12	$\mathcal{O}(0; \{12^7, 6, 4^9, 3^2, 2^6\})$	11206656
12	$\mathcal{O}(0; \{12^7, 6, 4^9, 3^5, 2^2\})$	89456640
12	$\mathcal{O}(0; \{12^7, 6, 4^{11}, 3^2, 2^3\})$	44826624
12	$\mathcal{O}(0; \{12^7, 6, 4^{13}, 3^2\})$	179306496
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 2^{19}\})$	21760
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^3, 2^{15}\})$	174848
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^6, 2^{11}\})$	1398016
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^9, 2^7\})$	11184896
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^{12}, 2^3\})$	89478400
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 2^{16}\})$	87040
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3^3, 2^{12}\})$	699392
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3^6, 2^8\})$	5592064
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3^9, 2^4\})$	44739584
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3^{12}\})$	357913600
12	$\mathcal{O}(0; \{12^7, 6^2, 4^5, 2^{13}\})$	348160
12	$\mathcal{O}(0; \{12^7, 6^2, 4^5, 3^3, 2^9\})$	2797568
12	$\mathcal{O}(0; \{12^7, 6^2, 4^5, 3^6, 2^5\})$	22368256
12	$\mathcal{O}(0; \{12^7, 6^2, 4^5, 3^9, 2\})$	178958336
12	$\mathcal{O}(0; \{12^7, 6^2, 4^7, 2^{10}\})$	1392640
12	$\mathcal{O}(0; \{12^7, 6^2, 4^7, 3^3, 2^6\})$	11190272
12	$\mathcal{O}(0; \{12^7, 6^2, 4^7, 3^6, 2^2\})$	89473024
12	$\mathcal{O}(0; \{12^7, 6^2, 4^9, 2^7\})$	5570560
12	$\mathcal{O}(0; \{12^7, 6^2, 4^9, 3^3, 2^3\})$	44761088
12	$\mathcal{O}(0; \{12^7, 6^2, 4^{11}, 2^4\})$	22282240
12	$\mathcal{O}(0; \{12^7, 6^2, 4^{11}, 3^3\})$	179044352
12	$\mathcal{O}(0; \{12^7, 6^2, 4^{13}, 2\})$	89128960
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3, 2^{16}\})$	87296
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^4, 2^{12}\})$	699136
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^7, 2^8\})$	5592320
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^{10}, 2^4\})$	44739328

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^{13}\})$	357913856
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 3, 2^{13}\})$	349184
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 3^4, 2^9\})$	2796544
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 3^7, 2^5\})$	22369280
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 3^{10}, 2\})$	178957312
12	$\mathcal{O}(0; \{12^7, 6^3, 4^5, 3, 2^{10}\})$	1396736
12	$\mathcal{O}(0; \{12^7, 6^3, 4^5, 3^4, 2^6\})$	11186176
12	$\mathcal{O}(0; \{12^7, 6^3, 4^5, 3^7, 2^2\})$	89477120
12	$\mathcal{O}(0; \{12^7, 6^3, 4^7, 3, 2^7\})$	5586944
12	$\mathcal{O}(0; \{12^7, 6^3, 4^7, 3^4, 2^3\})$	44744704
12	$\mathcal{O}(0; \{12^7, 6^3, 4^9, 3, 2^4\})$	22347776
12	$\mathcal{O}(0; \{12^7, 6^3, 4^9, 3^4\})$	178978816
12	$\mathcal{O}(0; \{12^7, 6^3, 4^{11}, 3, 2\})$	89391104
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3^2, 2^{13}\})$	349440
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3^5, 2^9\})$	2796288
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3^8, 2^5\})$	22369536
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3^{11}, 2\})$	178957056
12	$\mathcal{O}(0; \{12^7, 6^4, 4^3, 3^2, 2^{10}\})$	1397760
12	$\mathcal{O}(0; \{12^7, 6^4, 4^3, 3^5, 2^6\})$	11185152
12	$\mathcal{O}(0; \{12^7, 6^4, 4^3, 3^8, 2^2\})$	89478144
12	$\mathcal{O}(0; \{12^7, 6^4, 4^5, 3^2, 2^7\})$	5591040
12	$\mathcal{O}(0; \{12^7, 6^4, 4^5, 3^5, 2^3\})$	44740608
12	$\mathcal{O}(0; \{12^7, 6^4, 4^7, 3^2, 2^4\})$	22364160
12	$\mathcal{O}(0; \{12^7, 6^4, 4^7, 3^5\})$	178962432
12	$\mathcal{O}(0; \{12^7, 6^4, 4^9, 3^2, 2\})$	89456640
12	$\mathcal{O}(0; \{12^7, 6^5, 4, 2^{14}\})$	174848
12	$\mathcal{O}(0; \{12^7, 6^5, 4, 3^3, 2^{10}\})$	1398016
12	$\mathcal{O}(0; \{12^7, 6^5, 4, 3^6, 2^6\})$	11184896
12	$\mathcal{O}(0; \{12^7, 6^5, 4, 3^9, 2^2\})$	89478400
12	$\mathcal{O}(0; \{12^7, 6^5, 4^3, 2^{11}\})$	699392
12	$\mathcal{O}(0; \{12^7, 6^5, 4^3, 3^3, 2^7\})$	5592064
12	$\mathcal{O}(0; \{12^7, 6^5, 4^3, 3^6, 2^3\})$	44739584
12	$\mathcal{O}(0; \{12^7, 6^5, 4^5, 2^8\})$	2797568
12	$\mathcal{O}(0; \{12^7, 6^5, 4^5, 3^3, 2^4\})$	22368256
12	$\mathcal{O}(0; \{12^7, 6^5, 4^5, 3^6\})$	178958336
12	$\mathcal{O}(0; \{12^7, 6^5, 4^7, 2^5\})$	11190272
12	$\mathcal{O}(0; \{12^7, 6^5, 4^7, 3^3, 2\})$	89473024
12	$\mathcal{O}(0; \{12^7, 6^5, 4^9, 2^2\})$	44761088
12	$\mathcal{O}(0; \{12^7, 6^6, 4, 3, 2^{11}\})$	699136
12	$\mathcal{O}(0; \{12^7, 6^6, 4, 3^4, 2^7\})$	5592320
12	$\mathcal{O}(0; \{12^7, 6^6, 4, 3^7, 2^3\})$	44739328
12	$\mathcal{O}(0; \{12^7, 6^6, 4^3, 3, 2^8\})$	2796544
12	$\mathcal{O}(0; \{12^7, 6^6, 4^3, 3^4, 2^4\})$	22369280

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^7, 6^6, 4^3, 3^7\})$	178957312
12	$\mathcal{O}(0; \{12^7, 6^6, 4^5, 3, 2^5\})$	11186176
12	$\mathcal{O}(0; \{12^7, 6^6, 4^5, 3^4, 2\})$	89477120
12	$\mathcal{O}(0; \{12^7, 6^6, 4^7, 3, 2^2\})$	44744704
12	$\mathcal{O}(0; \{12^7, 6^7, 4, 3^2, 2^8\})$	2796288
12	$\mathcal{O}(0; \{12^7, 6^7, 4, 3^5, 2^4\})$	22369536
12	$\mathcal{O}(0; \{12^7, 6^7, 4, 3^8\})$	178957056
12	$\mathcal{O}(0; \{12^7, 6^7, 4^3, 3^2, 2^5\})$	11185152
12	$\mathcal{O}(0; \{12^7, 6^7, 4^3, 3^5, 2\})$	89478144
12	$\mathcal{O}(0; \{12^7, 6^7, 4^5, 3^2, 2^2\})$	44740608
12	$\mathcal{O}(0; \{12^7, 6^8, 4, 2^9\})$	1398016
12	$\mathcal{O}(0; \{12^7, 6^8, 4, 3^3, 2^5\})$	11184896
12	$\mathcal{O}(0; \{12^7, 6^8, 4, 3^6, 2\})$	89478400
12	$\mathcal{O}(0; \{12^7, 6^8, 4^3, 2^6\})$	5592064
12	$\mathcal{O}(0; \{12^7, 6^8, 4^3, 3^3, 2^2\})$	44739584
12	$\mathcal{O}(0; \{12^7, 6^8, 4^5, 2^3\})$	22368256
12	$\mathcal{O}(0; \{12^7, 6^8, 4^7\})$	89473024
12	$\mathcal{O}(0; \{12^7, 6^9, 4, 3, 2^6\})$	5592320
12	$\mathcal{O}(0; \{12^7, 6^9, 4, 3^4, 2^2\})$	44739328
12	$\mathcal{O}(0; \{12^7, 6^9, 4^3, 3, 2^3\})$	22369280
12	$\mathcal{O}(0; \{12^7, 6^9, 4^5, 3\})$	89477120
12	$\mathcal{O}(0; \{12^7, 6^{10}, 4, 3^2, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^7, 6^{10}, 4^3, 3^2\})$	89478144
12	$\mathcal{O}(0; \{12^7, 6^{11}, 4, 2^4\})$	11184896
12	$\mathcal{O}(0; \{12^7, 6^{11}, 4, 3^3\})$	89478400
12	$\mathcal{O}(0; \{12^7, 6^{11}, 4^3, 2\})$	44739584
12	$\mathcal{O}(0; \{12^7, 6^{12}, 4, 3, 2\})$	44739328
12	$\mathcal{O}(0; \{12^8, 2^{22}\})$	11008
12	$\mathcal{O}(0; \{12^8, 3^3, 2^{18}\})$	87296
12	$\mathcal{O}(0; \{12^8, 3^6, 2^{14}\})$	699136
12	$\mathcal{O}(0; \{12^8, 3^9, 2^{10}\})$	5592320
12	$\mathcal{O}(0; \{12^8, 3^{12}, 2^6\})$	44739328
12	$\mathcal{O}(0; \{12^8, 3^{15}, 2^2\})$	357913856
12	$\mathcal{O}(0; \{12^8, 4^2, 2^{19}\})$	44032
12	$\mathcal{O}(0; \{12^8, 4^2, 3^3, 2^{15}\})$	349184
12	$\mathcal{O}(0; \{12^8, 4^2, 3^6, 2^{11}\})$	2796544
12	$\mathcal{O}(0; \{12^8, 4^2, 3^9, 2^7\})$	22369280
12	$\mathcal{O}(0; \{12^8, 4^2, 3^{12}, 2^3\})$	178957312
12	$\mathcal{O}(0; \{12^8, 4^4, 2^{16}\})$	176128
12	$\mathcal{O}(0; \{12^8, 4^4, 3^3, 2^{12}\})$	1396736
12	$\mathcal{O}(0; \{12^8, 4^4, 3^6, 2^8\})$	11186176
12	$\mathcal{O}(0; \{12^8, 4^4, 3^9, 2^4\})$	89477120
12	$\mathcal{O}(0; \{12^8, 4^4, 3^{12}\})$	715829248

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^8, 4^6, 2^{13}\})$	704512
12	$\mathcal{O}(0; \{12^8, 4^6, 3^3, 2^9\})$	5586944
12	$\mathcal{O}(0; \{12^8, 4^6, 3^6, 2^5\})$	44744704
12	$\mathcal{O}(0; \{12^8, 4^6, 3^9, 2\})$	357908480
12	$\mathcal{O}(0; \{12^8, 4^8, 2^{10}\})$	2818048
12	$\mathcal{O}(0; \{12^8, 4^8, 3^3, 2^6\})$	22347776
12	$\mathcal{O}(0; \{12^8, 4^8, 3^6, 2^2\})$	178978816
12	$\mathcal{O}(0; \{12^8, 4^{10}, 2^7\})$	11272192
12	$\mathcal{O}(0; \{12^8, 4^{10}, 3^3, 2^3\})$	89391104
12	$\mathcal{O}(0; \{12^8, 4^{12}, 2^4\})$	45088768
12	$\mathcal{O}(0; \{12^8, 4^{12}, 3^3\})$	357564416
12	$\mathcal{O}(0; \{12^8, 4^{14}, 2\})$	180355072
12	$\mathcal{O}(0; \{12^8, 6, 3, 2^{19}\})$	43776
12	$\mathcal{O}(0; \{12^8, 6, 3^4, 2^{15}\})$	349440
12	$\mathcal{O}(0; \{12^8, 6, 3^7, 2^{11}\})$	2796288
12	$\mathcal{O}(0; \{12^8, 6, 3^{10}, 2^7\})$	22369536
12	$\mathcal{O}(0; \{12^8, 6, 3^{13}, 2^3\})$	178957056
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3, 2^{16}\})$	175104
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^4, 2^{12}\})$	1397760
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^7, 2^8\})$	11185152
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^{10}, 2^4\})$	89478144
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^{13}\})$	715828224
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 3, 2^{13}\})$	700416
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 3^4, 2^9\})$	5591040
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 3^7, 2^5\})$	44740608
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 3^{10}, 2\})$	357912576
12	$\mathcal{O}(0; \{12^8, 6, 4^6, 3, 2^{10}\})$	2801664
12	$\mathcal{O}(0; \{12^8, 6, 4^6, 3^4, 2^6\})$	22364160
12	$\mathcal{O}(0; \{12^8, 6, 4^6, 3^7, 2^2\})$	178962432
12	$\mathcal{O}(0; \{12^8, 6, 4^8, 3, 2^7\})$	11206656
12	$\mathcal{O}(0; \{12^8, 6, 4^8, 3^4, 2^3\})$	89456640
12	$\mathcal{O}(0; \{12^8, 6, 4^{10}, 3, 2^4\})$	44826624
12	$\mathcal{O}(0; \{12^8, 6, 4^{10}, 3^4\})$	357826560
12	$\mathcal{O}(0; \{12^8, 6, 4^{12}, 3, 2\})$	179306496
12	$\mathcal{O}(0; \{12^8, 6^2, 3^2, 2^{16}\})$	174848
12	$\mathcal{O}(0; \{12^8, 6^2, 3^5, 2^{12}\})$	1398016
12	$\mathcal{O}(0; \{12^8, 6^2, 3^8, 2^8\})$	11184896
12	$\mathcal{O}(0; \{12^8, 6^2, 3^{11}, 2^4\})$	89478400
12	$\mathcal{O}(0; \{12^8, 6^2, 3^{14}\})$	715827968
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3^2, 2^{13}\})$	699392
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3^5, 2^9\})$	5592064
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3^8, 2^5\})$	44739584
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3^{11}, 2\})$	357913600

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^8, 6^2, 4^4, 3^2, 2^{10}\})$	2797568
12	$\mathcal{O}(0; \{12^8, 6^2, 4^4, 3^5, 2^6\})$	22368256
12	$\mathcal{O}(0; \{12^8, 6^2, 4^4, 3^8, 2^2\})$	178958336
12	$\mathcal{O}(0; \{12^8, 6^2, 4^6, 3^2, 2^7\})$	11190272
12	$\mathcal{O}(0; \{12^8, 6^2, 4^6, 3^5, 2^3\})$	89473024
12	$\mathcal{O}(0; \{12^8, 6^2, 4^8, 3^2, 2^4\})$	44761088
12	$\mathcal{O}(0; \{12^8, 6^2, 4^8, 3^5\})$	357892096
12	$\mathcal{O}(0; \{12^8, 6^2, 4^{10}, 3^2, 2\})$	179044352
12	$\mathcal{O}(0; \{12^8, 6^3, 2^{17}\})$	87296
12	$\mathcal{O}(0; \{12^8, 6^3, 3^3, 2^{13}\})$	699136
12	$\mathcal{O}(0; \{12^8, 6^3, 3^6, 2^9\})$	5592320
12	$\mathcal{O}(0; \{12^8, 6^3, 3^9, 2^5\})$	44739328
12	$\mathcal{O}(0; \{12^8, 6^3, 3^{12}, 2\})$	357913856
12	$\mathcal{O}(0; \{12^8, 6^3, 4^2, 2^{14}\})$	349184
12	$\mathcal{O}(0; \{12^8, 6^3, 4^2, 3^3, 2^{10}\})$	2796544
12	$\mathcal{O}(0; \{12^8, 6^3, 4^2, 3^6, 2^6\})$	22369280
12	$\mathcal{O}(0; \{12^8, 6^3, 4^2, 3^9, 2^2\})$	178957312
12	$\mathcal{O}(0; \{12^8, 6^3, 4^4, 2^{11}\})$	1396736
12	$\mathcal{O}(0; \{12^8, 6^3, 4^4, 3^3, 2^7\})$	11186176
12	$\mathcal{O}(0; \{12^8, 6^3, 4^4, 3^6, 2^3\})$	89477120
12	$\mathcal{O}(0; \{12^8, 6^3, 4^6, 2^8\})$	5586944
12	$\mathcal{O}(0; \{12^8, 6^3, 4^6, 3^3, 2^4\})$	44744704
12	$\mathcal{O}(0; \{12^8, 6^3, 4^6, 3^6\})$	357908480
12	$\mathcal{O}(0; \{12^8, 6^3, 4^8, 2^5\})$	22347776
12	$\mathcal{O}(0; \{12^8, 6^3, 4^8, 3^3, 2\})$	178978816
12	$\mathcal{O}(0; \{12^8, 6^3, 4^{10}, 2^2\})$	89391104
12	$\mathcal{O}(0; \{12^8, 6^4, 3, 2^{14}\})$	349440
12	$\mathcal{O}(0; \{12^8, 6^4, 3^4, 2^{10}\})$	2796288
12	$\mathcal{O}(0; \{12^8, 6^4, 3^7, 2^6\})$	22369536
12	$\mathcal{O}(0; \{12^8, 6^4, 3^{10}, 2^2\})$	178957056
12	$\mathcal{O}(0; \{12^8, 6^4, 4^2, 3, 2^{11}\})$	1397760
12	$\mathcal{O}(0; \{12^8, 6^4, 4^2, 3^4, 2^7\})$	11185152
12	$\mathcal{O}(0; \{12^8, 6^4, 4^2, 3^7, 2^3\})$	89478144
12	$\mathcal{O}(0; \{12^8, 6^4, 4^4, 3, 2^8\})$	5591040
12	$\mathcal{O}(0; \{12^8, 6^4, 4^4, 3^4, 2^4\})$	44740608
12	$\mathcal{O}(0; \{12^8, 6^4, 4^4, 3^7\})$	357912576
12	$\mathcal{O}(0; \{12^8, 6^4, 4^6, 3, 2^5\})$	22364160
12	$\mathcal{O}(0; \{12^8, 6^4, 4^6, 3^4, 2\})$	178962432
12	$\mathcal{O}(0; \{12^8, 6^4, 4^8, 3, 2^2\})$	89456640
12	$\mathcal{O}(0; \{12^8, 6^5, 3^2, 2^{11}\})$	1398016
12	$\mathcal{O}(0; \{12^8, 6^5, 3^5, 2^7\})$	11184896
12	$\mathcal{O}(0; \{12^8, 6^5, 3^8, 2^3\})$	89478400
12	$\mathcal{O}(0; \{12^8, 6^5, 4^2, 3^2, 2^8\})$	5592064

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^8, 6^5, 4^2, 3^5, 2^4\})$	44739584
12	$\mathcal{O}(0; \{12^8, 6^5, 4^2, 3^8\})$	357913600
12	$\mathcal{O}(0; \{12^8, 6^5, 4^4, 3^2, 2^5\})$	22368256
12	$\mathcal{O}(0; \{12^8, 6^5, 4^4, 3^5, 2\})$	178958336
12	$\mathcal{O}(0; \{12^8, 6^5, 4^6, 3^2, 2^2\})$	89473024
12	$\mathcal{O}(0; \{12^8, 6^6, 2^{12}\})$	699136
12	$\mathcal{O}(0; \{12^8, 6^6, 3^3, 2^8\})$	5592320
12	$\mathcal{O}(0; \{12^8, 6^6, 3^6, 2^4\})$	44739328
12	$\mathcal{O}(0; \{12^8, 6^6, 3^9\})$	357913856
12	$\mathcal{O}(0; \{12^8, 6^6, 4^2, 2^9\})$	2796544
12	$\mathcal{O}(0; \{12^8, 6^6, 4^2, 3^3, 2^5\})$	22369280
12	$\mathcal{O}(0; \{12^8, 6^6, 4^2, 3^6, 2\})$	178957312
12	$\mathcal{O}(0; \{12^8, 6^6, 4^4, 2^6\})$	11186176
12	$\mathcal{O}(0; \{12^8, 6^6, 4^4, 3^3, 2^2\})$	89477120
12	$\mathcal{O}(0; \{12^8, 6^6, 4^6, 2^3\})$	44744704
12	$\mathcal{O}(0; \{12^8, 6^6, 4^8\})$	178978816
12	$\mathcal{O}(0; \{12^8, 6^7, 3, 2^9\})$	2796288
12	$\mathcal{O}(0; \{12^8, 6^7, 3^4, 2^5\})$	22369536
12	$\mathcal{O}(0; \{12^8, 6^7, 3^7, 2\})$	178957056
12	$\mathcal{O}(0; \{12^8, 6^7, 4^2, 3, 2^6\})$	11185152
12	$\mathcal{O}(0; \{12^8, 6^7, 4^2, 3^4, 2^2\})$	89478144
12	$\mathcal{O}(0; \{12^8, 6^7, 4^4, 3, 2^3\})$	44740608
12	$\mathcal{O}(0; \{12^8, 6^7, 4^6, 3\})$	178962432
12	$\mathcal{O}(0; \{12^8, 6^8, 3^2, 2^6\})$	11184896
12	$\mathcal{O}(0; \{12^8, 6^8, 3^5, 2^2\})$	89478400
12	$\mathcal{O}(0; \{12^8, 6^8, 4^2, 3^2, 2^3\})$	44739584
12	$\mathcal{O}(0; \{12^8, 6^8, 4^4, 3^2\})$	178958336
12	$\mathcal{O}(0; \{12^8, 6^9, 2^7\})$	5592320
12	$\mathcal{O}(0; \{12^8, 6^9, 3^3, 2^3\})$	44739328
12	$\mathcal{O}(0; \{12^8, 6^9, 4^2, 2^4\})$	22369280
12	$\mathcal{O}(0; \{12^8, 6^9, 4^2, 3^3\})$	178957312
12	$\mathcal{O}(0; \{12^8, 6^9, 4^4, 2\})$	89477120
12	$\mathcal{O}(0; \{12^8, 6^{10}, 3, 2^4\})$	22369536
12	$\mathcal{O}(0; \{12^8, 6^{10}, 3^4\})$	178957056
12	$\mathcal{O}(0; \{12^8, 6^{10}, 4^2, 3, 2\})$	89478144
12	$\mathcal{O}(0; \{12^8, 6^{11}, 3^2, 2\})$	89478400
12	$\mathcal{O}(0; \{12^8, 6^{12}, 2^2\})$	44739328
12	$\mathcal{O}(0; \{12^9, 4, 3^2, 2^{16}\})$	349184
12	$\mathcal{O}(0; \{12^9, 4, 3^5, 2^{12}\})$	2796544
12	$\mathcal{O}(0; \{12^9, 4, 3^8, 2^8\})$	22369280
12	$\mathcal{O}(0; \{12^9, 4, 3^{11}, 2^4\})$	178957312
12	$\mathcal{O}(0; \{12^9, 4, 3^{14}\})$	143165424
12	$\mathcal{O}(0; \{12^9, 4^3, 3^2, 2^{13}\})$	1396736

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^9, 4^3, 3^5, 2^9\})$	11186176
12	$\mathcal{O}(0; \{12^9, 4^3, 3^8, 2^5\})$	89477120
12	$\mathcal{O}(0; \{12^9, 4^3, 3^{11}, 2\})$	715829248
12	$\mathcal{O}(0; \{12^9, 4^5, 3^2, 2^{10}\})$	5586944
12	$\mathcal{O}(0; \{12^9, 4^5, 3^5, 2^6\})$	44744704
12	$\mathcal{O}(0; \{12^9, 4^5, 3^8, 2^2\})$	357908480
12	$\mathcal{O}(0; \{12^9, 4^7, 3^2, 2^7\})$	22347776
12	$\mathcal{O}(0; \{12^9, 4^7, 3^5, 2^3\})$	178978816
12	$\mathcal{O}(0; \{12^9, 4^9, 3^2, 2^4\})$	89391104
12	$\mathcal{O}(0; \{12^9, 4^9, 3^5\})$	715915264
12	$\mathcal{O}(0; \{12^9, 4^{11}, 3^2, 2\})$	357564416
12	$\mathcal{O}(0; \{12^9, 6, 4, 2^{17}\})$	175104
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^3, 2^{13}\})$	1397760
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^6, 2^9\})$	11185152
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^9, 2^5\})$	89478144
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^{12}, 2\})$	715828224
12	$\mathcal{O}(0; \{12^9, 6, 4^3, 2^{14}\})$	700416
12	$\mathcal{O}(0; \{12^9, 6, 4^3, 3^3, 2^{10}\})$	5591040
12	$\mathcal{O}(0; \{12^9, 6, 4^3, 3^6, 2^6\})$	44740608
12	$\mathcal{O}(0; \{12^9, 6, 4^3, 3^9, 2^2\})$	357912576
12	$\mathcal{O}(0; \{12^9, 6, 4^5, 2^{11}\})$	2801664
12	$\mathcal{O}(0; \{12^9, 6, 4^5, 3^3, 2^7\})$	22364160
12	$\mathcal{O}(0; \{12^9, 6, 4^5, 3^6, 2^3\})$	178962432
12	$\mathcal{O}(0; \{12^9, 6, 4^7, 2^8\})$	11206656
12	$\mathcal{O}(0; \{12^9, 6, 4^7, 3^3, 2^4\})$	89456640
12	$\mathcal{O}(0; \{12^9, 6, 4^7, 3^6\})$	715849728
12	$\mathcal{O}(0; \{12^9, 6, 4^9, 2^5\})$	44826624
12	$\mathcal{O}(0; \{12^9, 6, 4^9, 3^3, 2\})$	357826560
12	$\mathcal{O}(0; \{12^9, 6, 4^{11}, 2^2\})$	179306496
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 3, 2^{14}\})$	699392
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 3^4, 2^{10}\})$	5592064
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 3^7, 2^6\})$	44739584
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 3^{10}, 2^2\})$	357913600
12	$\mathcal{O}(0; \{12^9, 6^2, 4^3, 3, 2^{11}\})$	2797568
12	$\mathcal{O}(0; \{12^9, 6^2, 4^3, 3^4, 2^7\})$	22368256
12	$\mathcal{O}(0; \{12^9, 6^2, 4^3, 3^7, 2^3\})$	178958336
12	$\mathcal{O}(0; \{12^9, 6^2, 4^5, 3, 2^8\})$	11190272
12	$\mathcal{O}(0; \{12^9, 6^2, 4^5, 3^4, 2^4\})$	89473024
12	$\mathcal{O}(0; \{12^9, 6^2, 4^5, 3^7\})$	715833344
12	$\mathcal{O}(0; \{12^9, 6^2, 4^7, 3, 2^5\})$	44761088
12	$\mathcal{O}(0; \{12^9, 6^2, 4^7, 3^4, 2\})$	357892096
12	$\mathcal{O}(0; \{12^9, 6^2, 4^9, 3, 2^2\})$	179044352
12	$\mathcal{O}(0; \{12^9, 6^3, 4, 3^2, 2^{11}\})$	2796544

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^9, 6^3, 4, 3^5, 2^7\})$	22369280
12	$\mathcal{O}(0; \{12^9, 6^3, 4, 3^8, 2^3\})$	178957312
12	$\mathcal{O}(0; \{12^9, 6^3, 4^3, 3^2, 2^8\})$	11186176
12	$\mathcal{O}(0; \{12^9, 6^3, 4^3, 3^5, 2^4\})$	89477120
12	$\mathcal{O}(0; \{12^9, 6^3, 4^3, 3^8\})$	715829248
12	$\mathcal{O}(0; \{12^9, 6^3, 4^5, 3^2, 2^5\})$	44744704
12	$\mathcal{O}(0; \{12^9, 6^3, 4^5, 3^5, 2\})$	357908480
12	$\mathcal{O}(0; \{12^9, 6^3, 4^7, 3^2, 2^2\})$	178978816
12	$\mathcal{O}(0; \{12^9, 6^4, 4, 2^{12}\})$	1397760
12	$\mathcal{O}(0; \{12^9, 6^4, 4, 3^3, 2^8\})$	11185152
12	$\mathcal{O}(0; \{12^9, 6^4, 4, 3^6, 2^4\})$	89478144
12	$\mathcal{O}(0; \{12^9, 6^4, 4, 3^9\})$	715828224
12	$\mathcal{O}(0; \{12^9, 6^4, 4^3, 2^9\})$	5591040
12	$\mathcal{O}(0; \{12^9, 6^4, 4^3, 3^3, 2^5\})$	44740608
12	$\mathcal{O}(0; \{12^9, 6^4, 4^3, 3^6, 2\})$	357912576
12	$\mathcal{O}(0; \{12^9, 6^4, 4^5, 2^6\})$	22364160
12	$\mathcal{O}(0; \{12^9, 6^4, 4^5, 3^3, 2^2\})$	178962432
12	$\mathcal{O}(0; \{12^9, 6^4, 4^7, 2^3\})$	89456640
12	$\mathcal{O}(0; \{12^9, 6^4, 4^9\})$	357826560
12	$\mathcal{O}(0; \{12^9, 6^5, 4, 3, 2^9\})$	5592064
12	$\mathcal{O}(0; \{12^9, 6^5, 4, 3^4, 2^5\})$	44739584
12	$\mathcal{O}(0; \{12^9, 6^5, 4, 3^7, 2\})$	357913600
12	$\mathcal{O}(0; \{12^9, 6^5, 4^3, 3, 2^6\})$	22368256
12	$\mathcal{O}(0; \{12^9, 6^5, 4^3, 3^4, 2^2\})$	178958336
12	$\mathcal{O}(0; \{12^9, 6^5, 4^5, 3, 2^3\})$	89473024
12	$\mathcal{O}(0; \{12^9, 6^5, 4^7, 3\})$	357892096
12	$\mathcal{O}(0; \{12^9, 6^6, 4, 3^2, 2^6\})$	22369280
12	$\mathcal{O}(0; \{12^9, 6^6, 4, 3^5, 2^2\})$	178957312
12	$\mathcal{O}(0; \{12^9, 6^6, 4^3, 3^2, 2^3\})$	89477120
12	$\mathcal{O}(0; \{12^9, 6^6, 4^5, 3^2\})$	357908480
12	$\mathcal{O}(0; \{12^9, 6^7, 4, 2^7\})$	11185152
12	$\mathcal{O}(0; \{12^9, 6^7, 4, 3^3, 2^3\})$	89478144
12	$\mathcal{O}(0; \{12^9, 6^7, 4^3, 2^4\})$	44740608
12	$\mathcal{O}(0; \{12^9, 6^7, 4^3, 3^3\})$	357912576
12	$\mathcal{O}(0; \{12^9, 6^7, 4^5, 2\})$	178962432
12	$\mathcal{O}(0; \{12^9, 6^8, 4, 3, 2^4\})$	44739584
12	$\mathcal{O}(0; \{12^9, 6^8, 4, 3^4\})$	357913600
12	$\mathcal{O}(0; \{12^9, 6^8, 4^3, 3, 2\})$	178958336
12	$\mathcal{O}(0; \{12^9, 6^9, 4, 3^2, 2\})$	178957312
12	$\mathcal{O}(0; \{12^9, 6^{10}, 4, 2^2\})$	89478144
12	$\mathcal{O}(0; \{12^{10}, 3, 2^{17}\})$	349184
12	$\mathcal{O}(0; \{12^{10}, 3^4, 2^{13}\})$	2796544
12	$\mathcal{O}(0; \{12^{10}, 3^7, 2^9\})$	22369280

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{10}, 3^{10}, 2^5\})$	178957312
12	$\mathcal{O}(0; \{12^{10}, 3^{13}, 2\})$	1431655424
12	$\mathcal{O}(0; \{12^{10}, 4^2, 3, 2^{14}\})$	1396736
12	$\mathcal{O}(0; \{12^{10}, 4^2, 3^4, 2^{10}\})$	11186176
12	$\mathcal{O}(0; \{12^{10}, 4^2, 3^7, 2^6\})$	89477120
12	$\mathcal{O}(0; \{12^{10}, 4^2, 3^{10}, 2^2\})$	715829248
12	$\mathcal{O}(0; \{12^{10}, 4^4, 3, 2^{11}\})$	5586944
12	$\mathcal{O}(0; \{12^{10}, 4^4, 3^4, 2^7\})$	44744704
12	$\mathcal{O}(0; \{12^{10}, 4^4, 3^7, 2^3\})$	357908480
12	$\mathcal{O}(0; \{12^{10}, 4^6, 3, 2^8\})$	22347776
12	$\mathcal{O}(0; \{12^{10}, 4^6, 3^4, 2^4\})$	178978816
12	$\mathcal{O}(0; \{12^{10}, 4^6, 3^7\})$	1431633920
12	$\mathcal{O}(0; \{12^{10}, 4^8, 3, 2^5\})$	89391104
12	$\mathcal{O}(0; \{12^{10}, 4^8, 3^4, 2\})$	715915264
12	$\mathcal{O}(0; \{12^{10}, 4^{10}, 3, 2^2\})$	357564416
12	$\mathcal{O}(0; \{12^{10}, 6, 3^2, 2^{14}\})$	1397760
12	$\mathcal{O}(0; \{12^{10}, 6, 3^5, 2^{10}\})$	11185152
12	$\mathcal{O}(0; \{12^{10}, 6, 3^8, 2^6\})$	89478144
12	$\mathcal{O}(0; \{12^{10}, 6, 3^{11}, 2^2\})$	715828224
12	$\mathcal{O}(0; \{12^{10}, 6, 4^2, 3^2, 2^{11}\})$	5591040
12	$\mathcal{O}(0; \{12^{10}, 6, 4^2, 3^5, 2^7\})$	44740608
12	$\mathcal{O}(0; \{12^{10}, 6, 4^2, 3^8, 2^3\})$	357912576
12	$\mathcal{O}(0; \{12^{10}, 6, 4^4, 3^2, 2^8\})$	22364160
12	$\mathcal{O}(0; \{12^{10}, 6, 4^4, 3^5, 2^4\})$	178962432
12	$\mathcal{O}(0; \{12^{10}, 6, 4^4, 3^8\})$	1431650304
12	$\mathcal{O}(0; \{12^{10}, 6, 4^6, 3^2, 2^5\})$	89456640
12	$\mathcal{O}(0; \{12^{10}, 6, 4^6, 3^5, 2\})$	715849728
12	$\mathcal{O}(0; \{12^{10}, 6, 4^8, 3^2, 2^2\})$	357826560
12	$\mathcal{O}(0; \{12^{10}, 6^2, 2^{15}\})$	699392
12	$\mathcal{O}(0; \{12^{10}, 6^2, 3^3, 2^{11}\})$	5592064
12	$\mathcal{O}(0; \{12^{10}, 6^2, 3^6, 2^7\})$	44739584
12	$\mathcal{O}(0; \{12^{10}, 6^2, 3^9, 2^3\})$	357913600
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^2, 2^{12}\})$	2797568
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^2, 3^3, 2^8\})$	22368256
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^2, 3^6, 2^4\})$	178958336
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^2, 3^9\})$	1431654400
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^4, 2^9\})$	11190272
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^4, 3^3, 2^5\})$	89473024
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^4, 3^6, 2\})$	715833344
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^6, 2^6\})$	44761088
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^6, 3^3, 2^2\})$	357892096
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^8, 2^3\})$	179044352
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^{10}\})$	716177408

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{10}, 6^3, 3, 2^{12}\})$	2796544
12	$\mathcal{O}(0; \{12^{10}, 6^3, 3^4, 2^8\})$	22369280
12	$\mathcal{O}(0; \{12^{10}, 6^3, 3^7, 2^4\})$	178957312
12	$\mathcal{O}(0; \{12^{10}, 6^3, 3^{10}\})$	1431655424
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^2, 3, 2^9\})$	11186176
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^2, 3^4, 2^5\})$	89477120
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^2, 3^7, 2\})$	715829248
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^4, 3, 2^6\})$	44744704
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^4, 3^4, 2^2\})$	357908480
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^6, 3, 2^3\})$	178978816
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^8, 3\})$	715915264
12	$\mathcal{O}(0; \{12^{10}, 6^4, 3^2, 2^9\})$	11185152
12	$\mathcal{O}(0; \{12^{10}, 6^4, 3^5, 2^5\})$	89478144
12	$\mathcal{O}(0; \{12^{10}, 6^4, 3^8, 2\})$	715828224
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^2, 3^2, 2^6\})$	44740608
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^2, 3^5, 2^2\})$	357912576
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^4, 3^2, 2^3\})$	178962432
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^6, 3^2\})$	715849728
12	$\mathcal{O}(0; \{12^{10}, 6^5, 2^{10}\})$	5592064
12	$\mathcal{O}(0; \{12^{10}, 6^5, 3^3, 2^6\})$	44739584
12	$\mathcal{O}(0; \{12^{10}, 6^5, 3^6, 2^2\})$	357913600
12	$\mathcal{O}(0; \{12^{10}, 6^5, 4^2, 2^7\})$	22368256
12	$\mathcal{O}(0; \{12^{10}, 6^5, 4^2, 3^3, 2^3\})$	178958336
12	$\mathcal{O}(0; \{12^{10}, 6^5, 4^4, 2^4\})$	89473024
12	$\mathcal{O}(0; \{12^{10}, 6^5, 4^4, 3^3\})$	715833344
12	$\mathcal{O}(0; \{12^{10}, 6^5, 4^6, 2\})$	357892096
12	$\mathcal{O}(0; \{12^{10}, 6^6, 3, 2^7\})$	22369280
12	$\mathcal{O}(0; \{12^{10}, 6^6, 3^4, 2^3\})$	178957312
12	$\mathcal{O}(0; \{12^{10}, 6^6, 4^2, 3, 2^4\})$	89477120
12	$\mathcal{O}(0; \{12^{10}, 6^6, 4^2, 3^4\})$	715829248
12	$\mathcal{O}(0; \{12^{10}, 6^6, 4^4, 3, 2\})$	357908480
12	$\mathcal{O}(0; \{12^{10}, 6^7, 3^2, 2^4\})$	89478144
12	$\mathcal{O}(0; \{12^{10}, 6^7, 3^5\})$	715828224
12	$\mathcal{O}(0; \{12^{10}, 6^7, 4^2, 3^2, 2\})$	357912576
12	$\mathcal{O}(0; \{12^{10}, 6^8, 2^5\})$	44739584
12	$\mathcal{O}(0; \{12^{10}, 6^8, 3^3, 2\})$	357913600
12	$\mathcal{O}(0; \{12^{10}, 6^8, 4^2, 2^2\})$	178958336
12	$\mathcal{O}(0; \{12^{10}, 6^9, 3, 2^2\})$	178957312
12	$\mathcal{O}(0; \{12^{10}, 6^{11}\})$	357913600
12	$\mathcal{O}(0; \{12^{11}, 4, 2^{15}\})$	1396736
12	$\mathcal{O}(0; \{12^{11}, 4, 3^3, 2^{11}\})$	11186176
12	$\mathcal{O}(0; \{12^{11}, 4, 3^6, 2^7\})$	89477120
12	$\mathcal{O}(0; \{12^{11}, 4, 3^9, 2^3\})$	715829248

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{11}, 4^3, 2^{12}\})$	5586944
12	$\mathcal{O}(0; \{12^{11}, 4^3, 3^3, 2^8\})$	44744704
12	$\mathcal{O}(0; \{12^{11}, 4^3, 3^6, 2^4\})$	357908480
12	$\mathcal{O}(0; \{12^{11}, 4^3, 3^9\})$	2863316992
12	$\mathcal{O}(0; \{12^{11}, 4^5, 2^9\})$	22347776
12	$\mathcal{O}(0; \{12^{11}, 4^5, 3^3, 2^5\})$	178978816
12	$\mathcal{O}(0; \{12^{11}, 4^5, 3^6, 2\})$	1431633920
12	$\mathcal{O}(0; \{12^{11}, 4^7, 2^6\})$	89391104
12	$\mathcal{O}(0; \{12^{11}, 4^7, 3^3, 2^2\})$	715915264
12	$\mathcal{O}(0; \{12^{11}, 4^9, 2^3\})$	357564416
12	$\mathcal{O}(0; \{12^{11}, 4^{11}\})$	1430257664
12	$\mathcal{O}(0; \{12^{11}, 6, 4, 3, 2^{12}\})$	5591040
12	$\mathcal{O}(0; \{12^{11}, 6, 4, 3^4, 2^8\})$	44740608
12	$\mathcal{O}(0; \{12^{11}, 6, 4, 3^7, 2^4\})$	357912576
12	$\mathcal{O}(0; \{12^{11}, 6, 4, 3^{10}\})$	2863312896
12	$\mathcal{O}(0; \{12^{11}, 6, 4^3, 3, 2^9\})$	22364160
12	$\mathcal{O}(0; \{12^{11}, 6, 4^3, 3^4, 2^5\})$	178962432
12	$\mathcal{O}(0; \{12^{11}, 6, 4^3, 3^7, 2\})$	1431650304
12	$\mathcal{O}(0; \{12^{11}, 6, 4^5, 3, 2^6\})$	89456640
12	$\mathcal{O}(0; \{12^{11}, 6, 4^5, 3^4, 2^2\})$	715849728
12	$\mathcal{O}(0; \{12^{11}, 6, 4^7, 3, 2^3\})$	357826560
12	$\mathcal{O}(0; \{12^{11}, 6, 4^9, 3\})$	1431306240
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4, 3^2, 2^9\})$	22368256
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4, 3^5, 2^5\})$	178958336
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4, 3^8, 2\})$	1431654400
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^3, 3^2, 2^6\})$	89473024
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^3, 3^5, 2^2\})$	715833344
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^5, 3^2, 2^3\})$	357892096
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^7, 3^2\})$	1431568384
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4, 2^{10}\})$	11186176
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4, 3^3, 2^6\})$	89477120
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4, 3^6, 2^2\})$	715829248
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4^3, 2^7\})$	44744704
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4^3, 3^3, 2^3\})$	357908480
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4^5, 2^4\})$	178978816
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4^5, 3^3\})$	1431633920
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4^7, 2\})$	715915264
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4, 3, 2^7\})$	44740608
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4, 3^4, 2^3\})$	357912576
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4^3, 3, 2^4\})$	178962432
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4^3, 3^4\})$	1431650304
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4^5, 3, 2\})$	715849728
12	$\mathcal{O}(0; \{12^{11}, 6^5, 4, 3^2, 2^4\})$	178958336

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{11}, 6^5, 4, 3^5\})$	1431654400
12	$\mathcal{O}(0; \{12^{11}, 6^5, 4^3, 3^2, 2\})$	715833344
12	$\mathcal{O}(0; \{12^{11}, 6^6, 4, 2^5\})$	89477120
12	$\mathcal{O}(0; \{12^{11}, 6^6, 4, 3^3, 2\})$	715829248
12	$\mathcal{O}(0; \{12^{11}, 6^6, 4^3, 2^2\})$	357908480
12	$\mathcal{O}(0; \{12^{11}, 6^7, 4, 3, 2^2\})$	357912576
12	$\mathcal{O}(0; \{12^{11}, 6^9, 4\})$	715829248
12	$\mathcal{O}(0; \{12^{12}, 3^2, 2^{12}\})$	11186176
12	$\mathcal{O}(0; \{12^{12}, 3^5, 2^8\})$	89477120
12	$\mathcal{O}(0; \{12^{12}, 3^8, 2^4\})$	715829248
12	$\mathcal{O}(0; \{12^{12}, 3^{11}\})$	5726621696
12	$\mathcal{O}(0; \{12^{12}, 4^2, 3^2, 2^9\})$	44744704
12	$\mathcal{O}(0; \{12^{12}, 4^2, 3^5, 2^5\})$	357908480
12	$\mathcal{O}(0; \{12^{12}, 4^2, 3^8, 2\})$	2863316992
12	$\mathcal{O}(0; \{12^{12}, 4^4, 3^2, 2^6\})$	178978816
12	$\mathcal{O}(0; \{12^{12}, 4^4, 3^5, 2^2\})$	1431633920
12	$\mathcal{O}(0; \{12^{12}, 4^6, 3^2, 2^3\})$	715915264
12	$\mathcal{O}(0; \{12^{12}, 4^8, 3^2\})$	2863661056
12	$\mathcal{O}(0; \{12^{12}, 6, 2^{13}\})$	5591040
12	$\mathcal{O}(0; \{12^{12}, 6, 3^3, 2^9\})$	44740608
12	$\mathcal{O}(0; \{12^{12}, 6, 3^6, 2^5\})$	357912576
12	$\mathcal{O}(0; \{12^{12}, 6, 3^9, 2\})$	2863312896
12	$\mathcal{O}(0; \{12^{12}, 6, 4^2, 2^{10}\})$	22364160
12	$\mathcal{O}(0; \{12^{12}, 6, 4^2, 3^3, 2^6\})$	178962432
12	$\mathcal{O}(0; \{12^{12}, 6, 4^2, 3^6, 2^2\})$	1431650304
12	$\mathcal{O}(0; \{12^{12}, 6, 4^4, 2^7\})$	89456640
12	$\mathcal{O}(0; \{12^{12}, 6, 4^4, 3^3, 2^3\})$	715849728
12	$\mathcal{O}(0; \{12^{12}, 6, 4^6, 2^4\})$	357826560
12	$\mathcal{O}(0; \{12^{12}, 6, 4^6, 3^3\})$	2863398912
12	$\mathcal{O}(0; \{12^{12}, 6, 4^8, 2\})$	1431306240
12	$\mathcal{O}(0; \{12^{12}, 6^2, 3, 2^{10}\})$	22368256
12	$\mathcal{O}(0; \{12^{12}, 6^2, 3^4, 2^6\})$	178958336
12	$\mathcal{O}(0; \{12^{12}, 6^2, 3^7, 2^2\})$	1431654400
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^2, 3, 2^7\})$	89473024
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^2, 3^4, 2^3\})$	715833344
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^4, 3, 2^4\})$	357892096
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^4, 3^4\})$	2863333376
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^6, 3, 2\})$	1431568384
12	$\mathcal{O}(0; \{12^{12}, 6^3, 3^2, 2^7\})$	89477120
12	$\mathcal{O}(0; \{12^{12}, 6^3, 3^5, 2^3\})$	715829248
12	$\mathcal{O}(0; \{12^{12}, 6^3, 4^2, 3^2, 2^4\})$	357908480
12	$\mathcal{O}(0; \{12^{12}, 6^3, 4^2, 3^5\})$	2863316992
12	$\mathcal{O}(0; \{12^{12}, 6^3, 4^4, 3^2, 2\})$	1431633920

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{12}, 6^4, 2^8\})$	44740608
12	$\mathcal{O}(0; \{12^{12}, 6^4, 3^3, 2^4\})$	357912576
12	$\mathcal{O}(0; \{12^{12}, 6^4, 3^6\})$	2863312896
12	$\mathcal{O}(0; \{12^{12}, 6^4, 4^2, 2^5\})$	178962432
12	$\mathcal{O}(0; \{12^{12}, 6^4, 4^2, 3^3, 2\})$	1431650304
12	$\mathcal{O}(0; \{12^{12}, 6^4, 4^4, 2^2\})$	715849728
12	$\mathcal{O}(0; \{12^{12}, 6^5, 3, 2^5\})$	178958336
12	$\mathcal{O}(0; \{12^{12}, 6^5, 3^4, 2\})$	1431654400
12	$\mathcal{O}(0; \{12^{12}, 6^5, 4^2, 3, 2^2\})$	715833344
12	$\mathcal{O}(0; \{12^{12}, 6^6, 3^2, 2^2\})$	715829248
12	$\mathcal{O}(0; \{12^{12}, 6^7, 2^3\})$	357912576
12	$\mathcal{O}(0; \{12^{12}, 6^7, 4^2\})$	1431650304
12	$\mathcal{O}(0; \{12^{12}, 6^8, 3\})$	1431654400
12	$\mathcal{O}(0; \{12^{13}, 4, 3, 2^{10}\})$	44744704
12	$\mathcal{O}(0; \{12^{13}, 4, 3^4, 2^6\})$	357908480
12	$\mathcal{O}(0; \{12^{13}, 4, 3^7, 2^2\})$	2863316992
12	$\mathcal{O}(0; \{12^{13}, 4^3, 3, 2^7\})$	178978816
12	$\mathcal{O}(0; \{12^{13}, 4^3, 3^4, 2^3\})$	1431633920
12	$\mathcal{O}(0; \{12^{13}, 4^5, 3, 2^4\})$	715915264
12	$\mathcal{O}(0; \{12^{13}, 4^5, 3^4\})$	5726535680
12	$\mathcal{O}(0; \{12^{13}, 4^7, 3, 2\})$	2863661056
12	$\mathcal{O}(0; \{12^{13}, 6, 4, 3^2, 2^7\})$	178962432
12	$\mathcal{O}(0; \{12^{13}, 6, 4, 3^5, 2^3\})$	1431650304
12	$\mathcal{O}(0; \{12^{13}, 6, 4^3, 3^2, 2^4\})$	715849728
12	$\mathcal{O}(0; \{12^{13}, 6, 4^3, 3^5\})$	5726601216
12	$\mathcal{O}(0; \{12^{13}, 6, 4^5, 3^2, 2\})$	2863398912
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4, 2^8\})$	89473024
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4, 3^3, 2^4\})$	715833344
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4, 3^6\})$	5726617600
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4^3, 2^5\})$	357892096
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4^3, 3^3, 2\})$	2863333376
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4^5, 2^2\})$	1431568384
12	$\mathcal{O}(0; \{12^{13}, 6^3, 4, 3, 2^5\})$	357908480
12	$\mathcal{O}(0; \{12^{13}, 6^3, 4, 3^4, 2\})$	2863316992
12	$\mathcal{O}(0; \{12^{13}, 6^3, 4^3, 3, 2^2\})$	1431633920
12	$\mathcal{O}(0; \{12^{13}, 6^4, 4, 3^2, 2^2\})$	1431650304
12	$\mathcal{O}(0; \{12^{13}, 6^5, 4, 2^3\})$	715833344
12	$\mathcal{O}(0; \{12^{13}, 6^5, 4^3\})$	2863333376
12	$\mathcal{O}(0; \{12^{13}, 6^6, 4, 3\})$	2863316992
12	$\mathcal{O}(0; \{12^{14}, 2^{11}\})$	44744704
12	$\mathcal{O}(0; \{12^{14}, 3^3, 2^7\})$	357908480
12	$\mathcal{O}(0; \{12^{14}, 3^6, 2^3\})$	2863316992
12	$\mathcal{O}(0; \{12^{14}, 4^2, 2^8\})$	178978816

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{14}, 4^2, 3^3, 2^4\})$	1431633920
12	$\mathcal{O}(0; \{12^{14}, 4^2, 3^6\})$	11453267968
12	$\mathcal{O}(0; \{12^{14}, 4^4, 2^5\})$	715915264
12	$\mathcal{O}(0; \{12^{14}, 4^4, 3^3, 2\})$	5726535680
12	$\mathcal{O}(0; \{12^{14}, 4^6, 2^2\})$	2863661056
12	$\mathcal{O}(0; \{12^{14}, 6, 3, 2^8\})$	178962432
12	$\mathcal{O}(0; \{12^{14}, 6, 3^4, 2^4\})$	1431650304
12	$\mathcal{O}(0; \{12^{14}, 6, 3^7\})$	11453251584
12	$\mathcal{O}(0; \{12^{14}, 6, 4^2, 3, 2^5\})$	715849728
12	$\mathcal{O}(0; \{12^{14}, 6, 4^2, 3^4, 2\})$	5726601216
12	$\mathcal{O}(0; \{12^{14}, 6, 4^4, 3, 2^2\})$	2863398912
12	$\mathcal{O}(0; \{12^{14}, 6^2, 3^2, 2^5\})$	715833344
12	$\mathcal{O}(0; \{12^{14}, 6^2, 3^5, 2\})$	5726617600
12	$\mathcal{O}(0; \{12^{14}, 6^2, 4^2, 3^2, 2^2\})$	2863333376
12	$\mathcal{O}(0; \{12^{14}, 6^3, 2^6\})$	357908480
12	$\mathcal{O}(0; \{12^{14}, 6^3, 3^3, 2^2\})$	2863316992
12	$\mathcal{O}(0; \{12^{14}, 6^3, 4^2, 2^3\})$	1431633920
12	$\mathcal{O}(0; \{12^{14}, 6^3, 4^4\})$	5726535680
12	$\mathcal{O}(0; \{12^{14}, 6^4, 3, 2^3\})$	1431650304
12	$\mathcal{O}(0; \{12^{14}, 6^4, 4^2, 3\})$	5726601216
12	$\mathcal{O}(0; \{12^{14}, 6^5, 3^2\})$	5726617600
12	$\mathcal{O}(0; \{12^{14}, 6^6, 2\})$	2863316992
12	$\mathcal{O}(0; \{12^{15}, 4, 3^2, 2^5\})$	1431633920
12	$\mathcal{O}(0; \{12^{15}, 4, 3^5, 2\})$	11453267968
12	$\mathcal{O}(0; \{12^{15}, 4^3, 3^2, 2^2\})$	5726535680
12	$\mathcal{O}(0; \{12^{15}, 6, 4, 2^6\})$	715849728
12	$\mathcal{O}(0; \{12^{15}, 6, 4, 3^3, 2^2\})$	5726601216
12	$\mathcal{O}(0; \{12^{15}, 6, 4^3, 2^3\})$	2863398912
12	$\mathcal{O}(0; \{12^{15}, 6, 4^5\})$	11453595648
12	$\mathcal{O}(0; \{12^{15}, 6^2, 4, 3, 2^3\})$	2863333376
12	$\mathcal{O}(0; \{12^{15}, 6^2, 4^3, 3\})$	11453333504
12	$\mathcal{O}(0; \{12^{15}, 6^3, 4, 3^2\})$	11453267968
12	$\mathcal{O}(0; \{12^{15}, 6^4, 4, 2\})$	5726601216
12	$\mathcal{O}(0; \{12^{16}, 3, 2^6\})$	1431633920
12	$\mathcal{O}(0; \{12^{16}, 3^4, 2^2\})$	11453267968
12	$\mathcal{O}(0; \{12^{16}, 4^2, 3, 2^3\})$	5726535680
12	$\mathcal{O}(0; \{12^{16}, 4^4, 3\})$	22906142720
12	$\mathcal{O}(0; \{12^{16}, 6, 3^2, 2^3\})$	5726601216
12	$\mathcal{O}(0; \{12^{16}, 6, 4^2, 3^2\})$	22906404864
12	$\mathcal{O}(0; \{12^{16}, 6^2, 2^4\})$	2863333376
12	$\mathcal{O}(0; \{12^{16}, 6^2, 3^3\})$	22906470400
12	$\mathcal{O}(0; \{12^{16}, 6^2, 4^2, 2\})$	11453333504
12	$\mathcal{O}(0; \{12^{16}, 6^3, 3, 2\})$	11453267968

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{17}, 4, 2^4\})$	5726535680
12	$\mathcal{O}(0; \{12^{17}, 4, 3^3\})$	45813071872
12	$\mathcal{O}(0; \{12^{17}, 4^3, 2\})$	22906142720
12	$\mathcal{O}(0; \{12^{17}, 6, 4, 3, 2\})$	22906404864
12	$\mathcal{O}(0; \{12^{18}, 3^2, 2\})$	45813071872
12	$\mathcal{O}(0; \{12^{18}, 6, 2^2\})$	22906404864
12	$\mathcal{O}(0; \{12^{20}\})$	183252287488
13	$\mathcal{O}(3; \{13^{12}\})$	3310485683738770524
14	$\mathcal{O}(8; \emptyset)$	2177920104878736000
14	$\mathcal{O}(7; \{2^4\})$	11112006825541632
14	$\mathcal{O}(6; \{2^8\})$	56693912371200
14	$\mathcal{O}(6; \{14, 7^3, 2\})$	10545067701805056
14	$\mathcal{O}(5; \{2^{12}\})$	289254653952
14	$\mathcal{O}(5; \{7^7\})$	11555997467282730
14	$\mathcal{O}(5; \{14, 7^3, 2^5\})$	53801365825536
14	$\mathcal{O}(5; \{14^3, 7^2, 2^3\})$	321072667023360
14	$\mathcal{O}(5; \{14^5, 7, 2\})$	1928171530070016
14	$\mathcal{O}(4; \{2^{16}\})$	1475788800
14	$\mathcal{O}(4; \{7^7, 2^4\})$	59016804349440
14	$\mathcal{O}(4; \{14, 7^3, 2^9\})$	274496764416
14	$\mathcal{O}(4; \{14^2, 7^6, 2^2\})$	354109680830976
14	$\mathcal{O}(4; \{14^3, 7^2, 2^7\})$	1638125852160
14	$\mathcal{O}(4; \{14^4, 7^5\})$	2124649230251520
14	$\mathcal{O}(4; \{14^5, 7, 2^5\})$	9837609847296
14	$\mathcal{O}(4; \{14^7, 2^3\})$	59016804349440
14	$\mathcal{O}(3; \{2^{20}\})$	7529472
14	$\mathcal{O}(3; \{7^7, 2^8\})$	301106144640
14	$\mathcal{O}(3; \{14, 7^3, 2^{13}\})$	1400493696
14	$\mathcal{O}(3; \{14, 7^{10}, 2\})$	390241921238400
14	$\mathcal{O}(3; \{14^2, 7^6, 2^6\})$	1806682045056
14	$\mathcal{O}(3; \{14^3, 7^2, 2^{11}\})$	8357784960
14	$\mathcal{O}(3; \{14^4, 7^5, 2^4\})$	10840047093120
14	$\mathcal{O}(3; \{14^5, 7, 2^9\})$	50191886976
14	$\mathcal{O}(3; \{14^6, 7^4, 2^2\})$	65040327735936
14	$\mathcal{O}(3; \{14^7, 2^7\})$	301106144640
14	$\mathcal{O}(3; \{14^8, 7^3\})$	390241921238400
14	$\mathcal{O}(2; \{2^{24}\})$	38400
14	$\mathcal{O}(2; \{7^7, 2^{12}\})$	1536255840
14	$\mathcal{O}(2; \{7^{14}\})$	403183624304790
14	$\mathcal{O}(2; \{14, 7^3, 2^{17}\})$	7145376
14	$\mathcal{O}(2; \{14, 7^{10}, 2^5\})$	1991030210400
14	$\mathcal{O}(2; \{14^2, 7^6, 2^{10}\})$	9217765536
14	$\mathcal{O}(2; \{14^3, 7^2, 2^{15}\})$	42641760

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
14	$\mathcal{O}(2; \{14^3, 7^9, 2^3\})$	11946181492896
14	$\mathcal{O}(2; \{14^4, 7^5, 2^8\})$	55306362720
14	$\mathcal{O}(2; \{14^5, 7, 2^{13}\})$	256081056
14	$\mathcal{O}(2; \{14^5, 7^8, 2\})$	71677088726880
14	$\mathcal{O}(2; \{14^6, 7^4, 2^6\})$	331838406816
14	$\mathcal{O}(2; \{14^7, 2^{11}\})$	1536255840
14	$\mathcal{O}(2; \{14^8, 7^3, 2^4\})$	1991030210400
14	$\mathcal{O}(2; \{14^{10}, 7^2, 2^2\})$	11946181492896
14	$\mathcal{O}(2; \{14^{12}, 7\})$	71677088726880
14	$\mathcal{O}(1; \{2^{28}\})$	192
14	$\mathcal{O}(1; \{7^7, 2^{16}\})$	7838040
14	$\mathcal{O}(1; \{7^{14}, 2^4\})$	2194196594856
14	$\mathcal{O}(1; \{14, 7^3, 2^{21}\})$	36456
14	$\mathcal{O}(1; \{14, 7^{10}, 2^9\})$	10158317400
14	$\mathcal{O}(1; \{14^2, 7^6, 2^{14}\})$	47029416
14	$\mathcal{O}(1; \{14^2, 7^{13}, 2^2\})$	13165179567960
14	$\mathcal{O}(1; \{14^3, 7^2, 2^{19}\})$	217560
14	$\mathcal{O}(1; \{14^3, 7^9, 2^7\})$	60949905576
14	$\mathcal{O}(1; \{14^4, 7^5, 2^{12}\})$	282175320
14	$\mathcal{O}(1; \{14^4, 7^{12}\})$	78991077408936
14	$\mathcal{O}(1; \{14^5, 7, 2^{17}\})$	1306536
14	$\mathcal{O}(1; \{14^5, 7^8, 2^5\})$	365699432280
14	$\mathcal{O}(1; \{14^6, 7^4, 2^{10}\})$	1693053096
14	$\mathcal{O}(1; \{14^7, 2^{15}\})$	7838040
14	$\mathcal{O}(1; \{14^7, 7^7, 2^3\})$	2194196594856
14	$\mathcal{O}(1; \{14^8, 7^3, 2^8\})$	10158317400
14	$\mathcal{O}(1; \{14^9, 7^6, 2\})$	13165179567960
14	$\mathcal{O}(1; \{14^{10}, 7^2, 2^6\})$	60949905576
14	$\mathcal{O}(1; \{14^{12}, 7, 2^4\})$	365699432280
14	$\mathcal{O}(1; \{14^{14}, 2^2\})$	2194196594856
14	$\mathcal{O}(0; \{7^7, 2^{20}\})$	39990
14	$\mathcal{O}(0; \{7^{14}, 2^8\})$	11194880586
14	$\mathcal{O}(0; \{14, 7^3, 2^{25}\})$	186
14	$\mathcal{O}(0; \{14, 7^{10}, 2^{13}\})$	51828150
14	$\mathcal{O}(0; \{14, 7^{17}, 2\})$	14508565238346
14	$\mathcal{O}(0; \{14^2, 7^6, 2^{18}\})$	239946
14	$\mathcal{O}(0; \{14^2, 7^{13}, 2^6\})$	67169283510
14	$\mathcal{O}(0; \{14^3, 7^2, 2^{23}\})$	1110
14	$\mathcal{O}(0; \{14^3, 7^9, 2^{11}\})$	310968906
14	$\mathcal{O}(0; \{14^4, 7^5, 2^{16}\})$	1439670
14	$\mathcal{O}(0; \{14^4, 7^{12}, 2^4\})$	403015701066
14	$\mathcal{O}(0; \{14^5, 7, 2^{21}\})$	6666
14	$\mathcal{O}(0; \{14^5, 7^8, 2^9\})$	1865813430

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
14	$\mathcal{O}(0; \{14^6, 7^4, 2^{14}\})$	8638026
14	$\mathcal{O}(0; \{14^6, 7^{11}, 2^2\})$	2418094206390
14	$\mathcal{O}(0; \{14^7, 2^{19}\})$	39990
14	$\mathcal{O}(0; \{14^7, 7^7, 2^7\})$	11194880586
14	$\mathcal{O}(0; \{14^8, 7^3, 2^{12}\})$	51828150
14	$\mathcal{O}(0; \{14^8, 7^{10}\})$	14508565238346
14	$\mathcal{O}(0; \{14^9, 7^6, 2^5\})$	67169283510
14	$\mathcal{O}(0; \{14^{10}, 7^2, 2^{10}\})$	310968906
14	$\mathcal{O}(0; \{14^{11}, 7^5, 2^3\})$	403015701066
14	$\mathcal{O}(0; \{14^{12}, 7, 2^8\})$	1865813430
14	$\mathcal{O}(0; \{14^{13}, 7^4, 2\})$	2418094206390
14	$\mathcal{O}(0; \{14^{14}, 2^6\})$	11194880586
15	$\mathcal{O}(6; \{15, 5, 3^2\})$	1037970703125000
15	$\mathcal{O}(5; \{5^3, 3^4\})$	41518828125000
15	$\mathcal{O}(5; \{15, 5, 3^5\})$	50745234375000
15	$\mathcal{O}(5; \{15^2, 5^4\})$	945706640625000
15	$\mathcal{O}(5; \{15^3, 5^2, 3\})$	705820078125000
15	$\mathcal{O}(5; \{15^4, 3^2\})$	659688046875000
15	$\mathcal{O}(4; \{5^3, 3^7\})$	1291696875000
15	$\mathcal{O}(4; \{15, 5, 3^8\})$	1742765625000
15	$\mathcal{O}(4; \{15, 5^6, 3^2\})$	16792059375000
15	$\mathcal{O}(4; \{15^2, 5^4, 3^3\})$	21015703125000
15	$\mathcal{O}(4; \{15^3, 5^2, 3^4\})$	21958846875000
15	$\mathcal{O}(4; \{15^4, 3^5\})$	22655953125000
15	$\mathcal{O}(4; \{15^5, 5^3\})$	335943703125000
15	$\mathcal{O}(4; \{15^6, 5, 3\})$	352633246875000
15	$\mathcal{O}(3; \{5^3, 3^{10}\})$	46747125000
15	$\mathcal{O}(3; \{5^8, 3^4\})$	895849875000
15	$\mathcal{O}(3; \{15, 5, 3^{11}\})$	62238375000
15	$\mathcal{O}(3; \{15, 5^6, 3^5\})$	820945125000
15	$\mathcal{O}(3; \{15^2, 5^4, 3^6\})$	803266875000
15	$\mathcal{O}(3; \{15^2, 5^9\})$	19110279375000
15	$\mathcal{O}(3; \{15^3, 5^2, 3^7\})$	794701125000
15	$\mathcal{O}(3; \{15^3, 5^7, 3\})$	14332777875000
15	$\mathcal{O}(3; \{15^4, 3^8\})$	809098875000
15	$\mathcal{O}(3; \{15^4, 5^5, 3^2\})$	13138129125000
15	$\mathcal{O}(3; \{15^5, 5^3, 3^3\})$	12840514875000
15	$\mathcal{O}(3; \{15^6, 5, 3^4\})$	12761965125000
15	$\mathcal{O}(3; \{15^8, 5^2\})$	205436482875000
15	$\mathcal{O}(3; \{15^9, 3\})$	204238189125000
15	$\mathcal{O}(2; \{5^3, 3^{13}\})$	1658475000
15	$\mathcal{O}(2; \{5^8, 3^7\})$	27870885000
15	$\mathcal{O}(2; \{15, 5, 3^{14}\})$	2211705000

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(2; \{15, 5^6, 3^8\})$	28194075000
15	$\mathcal{O}(2; \{15, 5^{11}, 3^2\})$	339738705000
15	$\mathcal{O}(2; \{15^2, 5^4, 3^9\})$	28311525000
15	$\mathcal{O}(2; \{15^2, 5^9, 3^3\})$	424672875000
15	$\mathcal{O}(2; \{15^3, 5^2, 3^{10}\})$	28194075000
15	$\mathcal{O}(2; \{15^3, 5^7, 3^4\})$	445908645000
15	$\mathcal{O}(2; \{15^4, 3^{11}\})$	28752165000
15	$\mathcal{O}(2; \{15^4, 5^5, 3^5\})$	451208475000
15	$\mathcal{O}(2; \{15^5, 5^3, 3^6\})$	452570085000
15	$\mathcal{O}(2; \{15^5, 5^8\})$	6794772075000
15	$\mathcal{O}(2; \{15^6, 5, 3^7\})$	452763675000
15	$\mathcal{O}(2; \{15^6, 5^6, 3\})$	7134512805000
15	$\mathcal{O}(2; \{15^7, 5^4, 3^2\})$	7219438875000
15	$\mathcal{O}(2; \{15^8, 5^2, 3^3\})$	7240707045000
15	$\mathcal{O}(2; \{15^9, 3^4\})$	7245877275000
15	$\mathcal{O}(2; \{15^{11}, 5\})$	115850898405000
15	$\mathcal{O}(1; \{5^3, 3^{16}\})$	58984200
15	$\mathcal{O}(1; \{5^8, 3^{10}\})$	1008660600
15	$\mathcal{O}(1; \{5^{13}, 3^4\})$	18119392200
15	$\mathcal{O}(1; \{15, 5, 3^{17}\})$	78643800
15	$\mathcal{O}(1; \{15, 5^6, 3^{11}\})$	1006878600
15	$\mathcal{O}(1; \{15, 5^{11}, 3^5\})$	16609447800
15	$\mathcal{O}(1; \{15^2, 5^4, 3^{12}\})$	1007739000
15	$\mathcal{O}(1; \{15^2, 5^9, 3^6\})$	16231941000
15	$\mathcal{O}(1; \{15^2, 5^{14}\})$	386547057000
15	$\mathcal{O}(1; \{15^3, 5^2, 3^{13}\})$	1002731400
15	$\mathcal{O}(1; \{15^3, 5^7, 3^7\})$	16137646200
15	$\mathcal{O}(1; \{15^3, 5^{12}, 3\})$	289910291400
15	$\mathcal{O}(1; \{15^4, 3^{14}\})$	1022369400
15	$\mathcal{O}(1; \{15^4, 5^5, 3^8\})$	16113745800
15	$\mathcal{O}(1; \{15^4, 5^{10}, 3^2\})$	265751105400
15	$\mathcal{O}(1; \{15^5, 5^3, 3^9\})$	16109076600
15	$\mathcal{O}(1; \{15^5, 5^8, 3^3\})$	259711288200
15	$\mathcal{O}(1; \{15^6, 5, 3^{10}\})$	16102686600
15	$\mathcal{O}(1; \{15^6, 5^6, 3^4\})$	258201415800
15	$\mathcal{O}(1; \{15^7, 5^4, 3^5\})$	257823621000
15	$\mathcal{O}(1; \{15^8, 5^2, 3^6\})$	257730478200
15	$\mathcal{O}(1; \{15^8, 5^7\})$	4155380843400
15	$\mathcal{O}(1; \{15^9, 3^7\})$	257701969800
15	$\mathcal{O}(1; \{15^9, 5^5, 3\})$	4131221729400
15	$\mathcal{O}(1; \{15^{10}, 5^3, 3^2\})$	4125181624200
15	$\mathcal{O}(1; \{15^{11}, 5, 3^3\})$	4123672903800
15	$\mathcal{O}(1; \{15^{14}\})$	65978751713400

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(0; \{5^3, 3^{19}\})$	2097144
15	$\mathcal{O}(0; \{5^8, 3^{13}\})$	35784840
15	$\mathcal{O}(0; \{5^{13}, 3^7\})$	563714424
15	$\mathcal{O}(0; \{15, 5, 3^{20}\})$	2796200
15	$\mathcal{O}(0; \{15, 5^6, 3^{14}\})$	35780472
15	$\mathcal{O}(0; \{15, 5^{11}, 3^8\})$	570425480
15	$\mathcal{O}(0; \{15, 5^{16}, 3^2\})$	6871947672
15	$\mathcal{O}(0; \{15^2, 5^4, 3^{15}\})$	35825800
15	$\mathcal{O}(0; \{15^2, 5^9, 3^9\})$	572102520
15	$\mathcal{O}(0; \{15^2, 5^{14}, 3^3\})$	8589934600
15	$\mathcal{O}(0; \{15^3, 5^2, 3^{16}\})$	35651448
15	$\mathcal{O}(0; \{15^3, 5^7, 3^{10}\})$	572524680
15	$\mathcal{O}(0; \{15^3, 5^{12}, 3^4\})$	9019431288
15	$\mathcal{O}(0; \{15^4, 3^{17}\})$	36350600
15	$\mathcal{O}(0; \{15^4, 5^5, 3^{11}\})$	572618616
15	$\mathcal{O}(0; \{15^4, 5^{10}, 3^5\})$	9126805640
15	$\mathcal{O}(0; \{15^5, 5^3, 3^{12}\})$	572688520
15	$\mathcal{O}(0; \{15^5, 5^8, 3^6\})$	9153648504
15	$\mathcal{O}(0; \{15^5, 5^{13}\})$	137438953480
15	$\mathcal{O}(0; \{15^6, 5, 3^{13}\})$	572520312
15	$\mathcal{O}(0; \{15^6, 5^6, 3^7\})$	9160362120
15	$\mathcal{O}(0; \{15^6, 5^{11}, 3\})$	144310901112
15	$\mathcal{O}(0; \{15^7, 5^4, 3^8\})$	9162028920
15	$\mathcal{O}(0; \{15^7, 5^9, 3^2\})$	146028888200
15	$\mathcal{O}(0; \{15^8, 5^2, 3^9\})$	9162492040
15	$\mathcal{O}(0; \{15^8, 5^7, 3^3\})$	146458384248
15	$\mathcal{O}(0; \{15^9, 3^{10}\})$	9162422136
15	$\mathcal{O}(0; \{15^9, 5^5, 3^4\})$	146565761160
15	$\mathcal{O}(0; \{15^{10}, 5^3, 3^5\})$	146592593784
15	$\mathcal{O}(0; \{15^{11}, 5, 3^6\})$	146599348360
15	$\mathcal{O}(0; \{15^{11}, 5^6\})$	2343334156152
15	$\mathcal{O}(0; \{15^{12}, 5^4, 3\})$	2345052145800
15	$\mathcal{O}(0; \{15^{13}, 5^2, 3^2\})$	2345481631608
15	$\mathcal{O}(0; \{15^{14}, 3^3\})$	2345589049480
16	$\mathcal{O}(6; \{8^2, 2\})$	1125625028935680
16	$\mathcal{O}(5; \{8^2, 2^5\})$	4393751543808
16	$\mathcal{O}(5; \{8^2, 4^2, 2^2\})$	17575006175232
16	$\mathcal{O}(5; \{8^4, 4\})$	140600049401856
16	$\mathcal{O}(5; \{16^2, 8, 2^3\})$	35184372088832
16	$\mathcal{O}(5; \{16^2, 8, 4^2\})$	140737488355328
16	$\mathcal{O}(5; \{16^4, 2\})$	562949953421312
16	$\mathcal{O}(4; \{8^2, 2^9\})$	17112760320
16	$\mathcal{O}(4; \{8^2, 4^2, 2^6\})$	68451041280

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(4; \{8^2, 4^4, 2^3\})$	273804165120
16	$\mathcal{O}(4; \{8^2, 4^6\})$	1095216660480
16	$\mathcal{O}(4; \{8^4, 4, 2^4\})$	547608330240
16	$\mathcal{O}(4; \{8^4, 4^3, 2\})$	2190433320960
16	$\mathcal{O}(4; \{8^6, 2^2\})$	4380866641920
16	$\mathcal{O}(4; \{16^2, 8, 2^7\})$	137438953472
16	$\mathcal{O}(4; \{16^2, 8, 4^2, 2^4\})$	549755813888
16	$\mathcal{O}(4; \{16^2, 8, 4^4, 2\})$	2199023255552
16	$\mathcal{O}(4; \{16^2, 8^3, 4, 2^2\})$	4398046511104
16	$\mathcal{O}(4; \{16^2, 8^5\})$	35184372088832
16	$\mathcal{O}(4; \{16^4, 2^5\})$	2199023255552
16	$\mathcal{O}(4; \{16^4, 4^2, 2^2\})$	8796093022208
16	$\mathcal{O}(4; \{16^4, 8^2, 4\})$	70368744177664
16	$\mathcal{O}(3; \{8^2, 2^{13}\})$	66060288
16	$\mathcal{O}(3; \{8^2, 4^2, 2^{10}\})$	264241152
16	$\mathcal{O}(3; \{8^2, 4^4, 2^7\})$	1056964608
16	$\mathcal{O}(3; \{8^2, 4^6, 2^4\})$	4227858432
16	$\mathcal{O}(3; \{8^2, 4^8, 2\})$	16911433728
16	$\mathcal{O}(3; \{8^4, 4, 2^8\})$	2113929216
16	$\mathcal{O}(3; \{8^4, 4^3, 2^5\})$	8455716864
16	$\mathcal{O}(3; \{8^4, 4^5, 2^2\})$	33822867456
16	$\mathcal{O}(3; \{8^6, 2^6\})$	16911433728
16	$\mathcal{O}(3; \{8^6, 4^2, 2^3\})$	67645734912
16	$\mathcal{O}(3; \{8^6, 4^4\})$	270582939648
16	$\mathcal{O}(3; \{8^8, 4, 2\})$	541165879296
16	$\mathcal{O}(3; \{16^2, 8, 2^{11}\})$	536870912
16	$\mathcal{O}(3; \{16^2, 8, 4^2, 2^8\})$	2147483648
16	$\mathcal{O}(3; \{16^2, 8, 4^4, 2^5\})$	8589934592
16	$\mathcal{O}(3; \{16^2, 8, 4^6, 2^2\})$	34359738368
16	$\mathcal{O}(3; \{16^2, 8^3, 4, 2^6\})$	17179869184
16	$\mathcal{O}(3; \{16^2, 8^3, 4^3, 2^3\})$	68719476736
16	$\mathcal{O}(3; \{16^2, 8^3, 4^5\})$	274877906944
16	$\mathcal{O}(3; \{16^2, 8^5, 2^4\})$	137438953472
16	$\mathcal{O}(3; \{16^2, 8^5, 4^2, 2\})$	549755813888
16	$\mathcal{O}(3; \{16^4, 2^9\})$	8589934592
16	$\mathcal{O}(3; \{16^4, 4^2, 2^6\})$	34359738368
16	$\mathcal{O}(3; \{16^4, 4^4, 2^3\})$	137438953472
16	$\mathcal{O}(3; \{16^4, 4^6\})$	549755813888
16	$\mathcal{O}(3; \{16^4, 8^2, 4, 2^4\})$	274877906944
16	$\mathcal{O}(3; \{16^4, 8^2, 4^3, 2\})$	1099511627776
16	$\mathcal{O}(3; \{16^4, 8^4, 2^2\})$	2199023255552
16	$\mathcal{O}(3; \{16^6, 8, 4, 2^2\})$	4398046511104
16	$\mathcal{O}(3; \{16^6, 8^3\})$	35184372088832

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(3; \{16^8, 4\})$	70368744177664
16	$\mathcal{O}(2; \{8^2, 2^{17}\})$	245760
16	$\mathcal{O}(2; \{8^2, 4^2, 2^{14}\})$	983040
16	$\mathcal{O}(2; \{8^2, 4^4, 2^{11}\})$	3932160
16	$\mathcal{O}(2; \{8^2, 4^6, 2^8\})$	15728640
16	$\mathcal{O}(2; \{8^2, 4^8, 2^5\})$	62914560
16	$\mathcal{O}(2; \{8^2, 4^{10}, 2^2\})$	251658240
16	$\mathcal{O}(2; \{8^4, 4, 2^{12}\})$	7864320
16	$\mathcal{O}(2; \{8^4, 4^3, 2^9\})$	31457280
16	$\mathcal{O}(2; \{8^4, 4^5, 2^6\})$	125829120
16	$\mathcal{O}(2; \{8^4, 4^7, 2^3\})$	503316480
16	$\mathcal{O}(2; \{8^4, 4^9\})$	2013265920
16	$\mathcal{O}(2; \{8^6, 2^{10}\})$	62914560
16	$\mathcal{O}(2; \{8^6, 4^2, 2^7\})$	251658240
16	$\mathcal{O}(2; \{8^6, 4^4, 2^4\})$	1006632960
16	$\mathcal{O}(2; \{8^6, 4^6, 2\})$	4026531840
16	$\mathcal{O}(2; \{8^8, 4, 2^5\})$	2013265920
16	$\mathcal{O}(2; \{8^8, 4^3, 2^2\})$	8053063680
16	$\mathcal{O}(2; \{8^{10}, 2^3\})$	16106127360
16	$\mathcal{O}(2; \{8^{10}, 4^2\})$	64424509440
16	$\mathcal{O}(2; \{16^2, 8, 2^{15}\})$	2097152
16	$\mathcal{O}(2; \{16^2, 8, 4^2, 2^{12}\})$	8388608
16	$\mathcal{O}(2; \{16^2, 8, 4^4, 2^9\})$	33554432
16	$\mathcal{O}(2; \{16^2, 8, 4^6, 2^6\})$	134217728
16	$\mathcal{O}(2; \{16^2, 8, 4^8, 2^3\})$	536870912
16	$\mathcal{O}(2; \{16^2, 8, 4^{10}\})$	2147483648
16	$\mathcal{O}(2; \{16^2, 8^3, 4, 2^{10}\})$	67108864
16	$\mathcal{O}(2; \{16^2, 8^3, 4^3, 2^7\})$	268435456
16	$\mathcal{O}(2; \{16^2, 8^3, 4^5, 2^4\})$	1073741824
16	$\mathcal{O}(2; \{16^2, 8^3, 4^7, 2\})$	4294967296
16	$\mathcal{O}(2; \{16^2, 8^5, 2^8\})$	536870912
16	$\mathcal{O}(2; \{16^2, 8^5, 4^2, 2^5\})$	2147483648
16	$\mathcal{O}(2; \{16^2, 8^5, 4^4, 2^2\})$	8589934592
16	$\mathcal{O}(2; \{16^2, 8^7, 4, 2^3\})$	17179869184
16	$\mathcal{O}(2; \{16^2, 8^7, 4^3\})$	68719476736
16	$\mathcal{O}(2; \{16^2, 8^9, 2\})$	137438953472
16	$\mathcal{O}(2; \{16^4, 2^{13}\})$	33554432
16	$\mathcal{O}(2; \{16^4, 4^2, 2^{10}\})$	134217728
16	$\mathcal{O}(2; \{16^4, 4^4, 2^7\})$	536870912
16	$\mathcal{O}(2; \{16^4, 4^6, 2^4\})$	2147483648
16	$\mathcal{O}(2; \{16^4, 4^8, 2\})$	8589934592
16	$\mathcal{O}(2; \{16^4, 8^2, 4, 2^8\})$	1073741824
16	$\mathcal{O}(2; \{16^4, 8^2, 4^3, 2^5\})$	4294967296

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(2; \{16^4, 8^2, 4^5, 2^2\})$	17179869184
16	$\mathcal{O}(2; \{16^4, 8^4, 2^6\})$	8589934592
16	$\mathcal{O}(2; \{16^4, 8^4, 4^2, 2^3\})$	34359738368
16	$\mathcal{O}(2; \{16^4, 8^4, 4^4\})$	137438953472
16	$\mathcal{O}(2; \{16^4, 8^6, 4, 2\})$	274877906944
16	$\mathcal{O}(2; \{16^6, 8, 4, 2^6\})$	17179869184
16	$\mathcal{O}(2; \{16^6, 8, 4^3, 2^3\})$	68719476736
16	$\mathcal{O}(2; \{16^6, 8, 4^5\})$	274877906944
16	$\mathcal{O}(2; \{16^6, 8^3, 2^4\})$	137438953472
16	$\mathcal{O}(2; \{16^6, 8^3, 4^2, 2\})$	549755813888
16	$\mathcal{O}(2; \{16^8, 4, 2^4\})$	274877906944
16	$\mathcal{O}(2; \{16^8, 4^3, 2\})$	1099511627776
16	$\mathcal{O}(2; \{16^8, 8^2, 2^2\})$	2199023255552
16	$\mathcal{O}(2; \{16^{10}, 8\})$	35184372088832
16	$\mathcal{O}(1; \{8^2, 2^{21}\})$	768
16	$\mathcal{O}(1; \{8^2, 4^2, 2^{18}\})$	3072
16	$\mathcal{O}(1; \{8^2, 4^4, 2^{15}\})$	12288
16	$\mathcal{O}(1; \{8^2, 4^6, 2^{12}\})$	49152
16	$\mathcal{O}(1; \{8^2, 4^8, 2^9\})$	196608
16	$\mathcal{O}(1; \{8^2, 4^{10}, 2^6\})$	786432
16	$\mathcal{O}(1; \{8^2, 4^{12}, 2^3\})$	3145728
16	$\mathcal{O}(1; \{8^2, 4^{14}\})$	12582912
16	$\mathcal{O}(1; \{8^4, 4, 2^{16}\})$	24576
16	$\mathcal{O}(1; \{8^4, 4^3, 2^{13}\})$	98304
16	$\mathcal{O}(1; \{8^4, 4^5, 2^{10}\})$	393216
16	$\mathcal{O}(1; \{8^4, 4^7, 2^7\})$	1572864
16	$\mathcal{O}(1; \{8^4, 4^9, 2^4\})$	6291456
16	$\mathcal{O}(1; \{8^4, 4^{11}, 2\})$	25165824
16	$\mathcal{O}(1; \{8^6, 2^{14}\})$	196608
16	$\mathcal{O}(1; \{8^6, 4^2, 2^{11}\})$	786432
16	$\mathcal{O}(1; \{8^6, 4^4, 2^8\})$	3145728
16	$\mathcal{O}(1; \{8^6, 4^6, 2^5\})$	12582912
16	$\mathcal{O}(1; \{8^6, 4^8, 2^2\})$	50331648
16	$\mathcal{O}(1; \{8^8, 4, 2^9\})$	6291456
16	$\mathcal{O}(1; \{8^8, 4^3, 2^6\})$	25165824
16	$\mathcal{O}(1; \{8^8, 4^5, 2^3\})$	100663296
16	$\mathcal{O}(1; \{8^8, 4^7\})$	402653184
16	$\mathcal{O}(1; \{8^{10}, 2^7\})$	50331648
16	$\mathcal{O}(1; \{8^{10}, 4^2, 2^4\})$	201326592
16	$\mathcal{O}(1; \{8^{10}, 4^4, 2\})$	805306368
16	$\mathcal{O}(1; \{8^{12}, 4, 2^2\})$	1610612736
16	$\mathcal{O}(1; \{8^{14}\})$	12884901888
16	$\mathcal{O}(1; \{16^2, 8, 2^{19}\})$	8192

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(1; \{16^2, 8, 4^2, 2^{16}\})$	32768
16	$\mathcal{O}(1; \{16^2, 8, 4^4, 2^{13}\})$	131072
16	$\mathcal{O}(1; \{16^2, 8, 4^6, 2^{10}\})$	524288
16	$\mathcal{O}(1; \{16^2, 8, 4^8, 2^7\})$	2097152
16	$\mathcal{O}(1; \{16^2, 8, 4^{10}, 2^4\})$	8388608
16	$\mathcal{O}(1; \{16^2, 8, 4^{12}, 2\})$	33554432
16	$\mathcal{O}(1; \{16^2, 8^3, 4, 2^{14}\})$	262144
16	$\mathcal{O}(1; \{16^2, 8^3, 4^3, 2^{11}\})$	1048576
16	$\mathcal{O}(1; \{16^2, 8^3, 4^5, 2^8\})$	4194304
16	$\mathcal{O}(1; \{16^2, 8^3, 4^7, 2^5\})$	16777216
16	$\mathcal{O}(1; \{16^2, 8^3, 4^9, 2^2\})$	67108864
16	$\mathcal{O}(1; \{16^2, 8^5, 2^{12}\})$	2097152
16	$\mathcal{O}(1; \{16^2, 8^5, 4^2, 2^9\})$	8388608
16	$\mathcal{O}(1; \{16^2, 8^5, 4^4, 2^6\})$	33554432
16	$\mathcal{O}(1; \{16^2, 8^5, 4^6, 2^3\})$	134217728
16	$\mathcal{O}(1; \{16^2, 8^5, 4^8\})$	536870912
16	$\mathcal{O}(1; \{16^2, 8^7, 4, 2^7\})$	67108864
16	$\mathcal{O}(1; \{16^2, 8^7, 4^3, 2^4\})$	268435456
16	$\mathcal{O}(1; \{16^2, 8^7, 4^5, 2\})$	1073741824
16	$\mathcal{O}(1; \{16^2, 8^9, 2^5\})$	536870912
16	$\mathcal{O}(1; \{16^2, 8^9, 4^2, 2^2\})$	2147483648
16	$\mathcal{O}(1; \{16^2, 8^{11}, 4\})$	17179869184
16	$\mathcal{O}(1; \{16^4, 2^{17}\})$	131072
16	$\mathcal{O}(1; \{16^4, 4^2, 2^{14}\})$	524288
16	$\mathcal{O}(1; \{16^4, 4^4, 2^{11}\})$	2097152
16	$\mathcal{O}(1; \{16^4, 4^6, 2^8\})$	8388608
16	$\mathcal{O}(1; \{16^4, 4^8, 2^5\})$	33554432
16	$\mathcal{O}(1; \{16^4, 4^{10}, 2^2\})$	134217728
16	$\mathcal{O}(1; \{16^4, 8^2, 4, 2^{12}\})$	4194304
16	$\mathcal{O}(1; \{16^4, 8^2, 4^3, 2^9\})$	16777216
16	$\mathcal{O}(1; \{16^4, 8^2, 4^5, 2^6\})$	67108864
16	$\mathcal{O}(1; \{16^4, 8^2, 4^7, 2^3\})$	268435456
16	$\mathcal{O}(1; \{16^4, 8^2, 4^9\})$	1073741824
16	$\mathcal{O}(1; \{16^4, 8^4, 2^{10}\})$	33554432
16	$\mathcal{O}(1; \{16^4, 8^4, 4^2, 2^7\})$	134217728
16	$\mathcal{O}(1; \{16^4, 8^4, 4^4, 2^4\})$	536870912
16	$\mathcal{O}(1; \{16^4, 8^4, 4^6, 2\})$	2147483648
16	$\mathcal{O}(1; \{16^4, 8^6, 4, 2^5\})$	1073741824
16	$\mathcal{O}(1; \{16^4, 8^6, 4^3, 2^2\})$	4294967296
16	$\mathcal{O}(1; \{16^4, 8^8, 2^3\})$	8589934592
16	$\mathcal{O}(1; \{16^4, 8^8, 4^2\})$	34359738368
16	$\mathcal{O}(1; \{16^6, 8, 4, 2^{10}\})$	67108864
16	$\mathcal{O}(1; \{16^6, 8, 4^3, 2^7\})$	268435456

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(1; \{16^6, 8, 4^5, 2^4\})$	1073741824
16	$\mathcal{O}(1; \{16^6, 8, 4^7, 2\})$	4294967296
16	$\mathcal{O}(1; \{16^6, 8^3, 2^8\})$	536870912
16	$\mathcal{O}(1; \{16^6, 8^3, 4^2, 2^5\})$	2147483648
16	$\mathcal{O}(1; \{16^6, 8^3, 4^4, 2^2\})$	8589934592
16	$\mathcal{O}(1; \{16^6, 8^5, 4, 2^3\})$	17179869184
16	$\mathcal{O}(1; \{16^6, 8^5, 4^3\})$	68719476736
16	$\mathcal{O}(1; \{16^6, 8^7, 2\})$	137438953472
16	$\mathcal{O}(1; \{16^8, 4, 2^8\})$	1073741824
16	$\mathcal{O}(1; \{16^8, 4^3, 2^5\})$	4294967296
16	$\mathcal{O}(1; \{16^8, 4^5, 2^2\})$	17179869184
16	$\mathcal{O}(1; \{16^8, 8^2, 2^6\})$	8589934592
16	$\mathcal{O}(1; \{16^8, 8^2, 4^2, 2^3\})$	34359738368
16	$\mathcal{O}(1; \{16^8, 8^2, 4^4\})$	137438953472
16	$\mathcal{O}(1; \{16^8, 8^4, 4, 2\})$	274877906944
16	$\mathcal{O}(1; \{16^{10}, 8, 2^4\})$	137438953472
16	$\mathcal{O}(1; \{16^{10}, 8, 4^2, 2\})$	549755813888
16	$\mathcal{O}(1; \{16^{12}, 2^2\})$	2199023255552
16	$\mathcal{O}(0; \{16^2, 8, 2^{23}\})$	32
16	$\mathcal{O}(0; \{16^2, 8, 4^2, 2^{20}\})$	128
16	$\mathcal{O}(0; \{16^2, 8, 4^4, 2^{17}\})$	512
16	$\mathcal{O}(0; \{16^2, 8, 4^6, 2^{14}\})$	2048
16	$\mathcal{O}(0; \{16^2, 8, 4^8, 2^{11}\})$	8192
16	$\mathcal{O}(0; \{16^2, 8, 4^{10}, 2^8\})$	32768
16	$\mathcal{O}(0; \{16^2, 8, 4^{12}, 2^5\})$	131072
16	$\mathcal{O}(0; \{16^2, 8, 4^{14}, 2^2\})$	524288
16	$\mathcal{O}(0; \{16^2, 8^3, 4, 2^{18}\})$	1024
16	$\mathcal{O}(0; \{16^2, 8^3, 4^3, 2^{15}\})$	4096
16	$\mathcal{O}(0; \{16^2, 8^3, 4^5, 2^{12}\})$	16384
16	$\mathcal{O}(0; \{16^2, 8^3, 4^7, 2^9\})$	65536
16	$\mathcal{O}(0; \{16^2, 8^3, 4^9, 2^6\})$	262144
16	$\mathcal{O}(0; \{16^2, 8^3, 4^{11}, 2^3\})$	1048576
16	$\mathcal{O}(0; \{16^2, 8^3, 4^{13}\})$	4194304
16	$\mathcal{O}(0; \{16^2, 8^5, 2^{16}\})$	8192
16	$\mathcal{O}(0; \{16^2, 8^5, 4^2, 2^{13}\})$	32768
16	$\mathcal{O}(0; \{16^2, 8^5, 4^4, 2^{10}\})$	131072
16	$\mathcal{O}(0; \{16^2, 8^5, 4^6, 2^7\})$	524288
16	$\mathcal{O}(0; \{16^2, 8^5, 4^8, 2^4\})$	2097152
16	$\mathcal{O}(0; \{16^2, 8^5, 4^{10}, 2\})$	8388608
16	$\mathcal{O}(0; \{16^2, 8^7, 4, 2^{11}\})$	262144
16	$\mathcal{O}(0; \{16^2, 8^7, 4^3, 2^8\})$	1048576
16	$\mathcal{O}(0; \{16^2, 8^7, 4^5, 2^5\})$	4194304
16	$\mathcal{O}(0; \{16^2, 8^7, 4^7, 2^2\})$	16777216

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{16^2, 8^9, 2^9\})$	2097152
16	$\mathcal{O}(0; \{16^2, 8^9, 4^2, 2^6\})$	8388608
16	$\mathcal{O}(0; \{16^2, 8^9, 4^4, 2^3\})$	33554432
16	$\mathcal{O}(0; \{16^2, 8^9, 4^6\})$	134217728
16	$\mathcal{O}(0; \{16^2, 8^{11}, 4, 2^4\})$	67108864
16	$\mathcal{O}(0; \{16^2, 8^{11}, 4^3, 2\})$	268435456
16	$\mathcal{O}(0; \{16^2, 8^{13}, 2^2\})$	536870912
16	$\mathcal{O}(0; \{16^4, 2^{21}\})$	512
16	$\mathcal{O}(0; \{16^4, 4^2, 2^{18}\})$	2048
16	$\mathcal{O}(0; \{16^4, 4^4, 2^{15}\})$	8192
16	$\mathcal{O}(0; \{16^4, 4^6, 2^{12}\})$	32768
16	$\mathcal{O}(0; \{16^4, 4^8, 2^9\})$	131072
16	$\mathcal{O}(0; \{16^4, 4^{10}, 2^6\})$	524288
16	$\mathcal{O}(0; \{16^4, 4^{12}, 2^3\})$	2097152
16	$\mathcal{O}(0; \{16^4, 4^{14}\})$	8388608
16	$\mathcal{O}(0; \{16^4, 8^2, 4, 2^{16}\})$	16384
16	$\mathcal{O}(0; \{16^4, 8^2, 4^3, 2^{13}\})$	65536
16	$\mathcal{O}(0; \{16^4, 8^2, 4^5, 2^{10}\})$	262144
16	$\mathcal{O}(0; \{16^4, 8^2, 4^7, 2^7\})$	1048576
16	$\mathcal{O}(0; \{16^4, 8^2, 4^9, 2^4\})$	4194304
16	$\mathcal{O}(0; \{16^4, 8^2, 4^{11}, 2\})$	16777216
16	$\mathcal{O}(0; \{16^4, 8^4, 2^{14}\})$	131072
16	$\mathcal{O}(0; \{16^4, 8^4, 4^2, 2^{11}\})$	524288
16	$\mathcal{O}(0; \{16^4, 8^4, 4^4, 2^8\})$	2097152
16	$\mathcal{O}(0; \{16^4, 8^4, 4^6, 2^5\})$	8388608
16	$\mathcal{O}(0; \{16^4, 8^4, 4^8, 2^2\})$	33554432
16	$\mathcal{O}(0; \{16^4, 8^6, 4, 2^9\})$	4194304
16	$\mathcal{O}(0; \{16^4, 8^6, 4^3, 2^6\})$	16777216
16	$\mathcal{O}(0; \{16^4, 8^6, 4^5, 2^3\})$	67108864
16	$\mathcal{O}(0; \{16^4, 8^6, 4^7\})$	268435456
16	$\mathcal{O}(0; \{16^4, 8^8, 2^7\})$	33554432
16	$\mathcal{O}(0; \{16^4, 8^8, 4^2, 2^4\})$	134217728
16	$\mathcal{O}(0; \{16^4, 8^8, 4^4, 2\})$	536870912
16	$\mathcal{O}(0; \{16^4, 8^{10}, 4, 2^2\})$	1073741824
16	$\mathcal{O}(0; \{16^4, 8^{12}\})$	8589934592
16	$\mathcal{O}(0; \{16^6, 8, 4, 2^{14}\})$	262144
16	$\mathcal{O}(0; \{16^6, 8, 4^3, 2^{11}\})$	1048576
16	$\mathcal{O}(0; \{16^6, 8, 4^5, 2^8\})$	4194304
16	$\mathcal{O}(0; \{16^6, 8, 4^7, 2^5\})$	16777216
16	$\mathcal{O}(0; \{16^6, 8, 4^9, 2^2\})$	67108864
16	$\mathcal{O}(0; \{16^6, 8^3, 2^{12}\})$	2097152
16	$\mathcal{O}(0; \{16^6, 8^3, 4^2, 2^9\})$	8388608
16	$\mathcal{O}(0; \{16^6, 8^3, 4^4, 2^6\})$	33554432

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{16^6, 8^3, 4^6, 2^3\})$	134217728
16	$\mathcal{O}(0; \{16^6, 8^3, 4^8\})$	536870912
16	$\mathcal{O}(0; \{16^6, 8^5, 4, 2^7\})$	67108864
16	$\mathcal{O}(0; \{16^6, 8^5, 4^3, 2^4\})$	268435456
16	$\mathcal{O}(0; \{16^6, 8^5, 4^5, 2\})$	1073741824
16	$\mathcal{O}(0; \{16^6, 8^7, 2^5\})$	536870912
16	$\mathcal{O}(0; \{16^6, 8^7, 4^2, 2^2\})$	2147483648
16	$\mathcal{O}(0; \{16^6, 8^9, 4\})$	17179869184
16	$\mathcal{O}(0; \{16^8, 4, 2^{12}\})$	4194304
16	$\mathcal{O}(0; \{16^8, 4^3, 2^9\})$	16777216
16	$\mathcal{O}(0; \{16^8, 4^5, 2^6\})$	67108864
16	$\mathcal{O}(0; \{16^8, 4^7, 2^3\})$	268435456
16	$\mathcal{O}(0; \{16^8, 4^9\})$	1073741824
16	$\mathcal{O}(0; \{16^8, 8^2, 2^{10}\})$	33554432
16	$\mathcal{O}(0; \{16^8, 8^2, 4^2, 2^7\})$	134217728
16	$\mathcal{O}(0; \{16^8, 8^2, 4^4, 2^4\})$	536870912
16	$\mathcal{O}(0; \{16^8, 8^2, 4^6, 2\})$	2147483648
16	$\mathcal{O}(0; \{16^8, 8^4, 4, 2^5\})$	1073741824
16	$\mathcal{O}(0; \{16^8, 8^4, 4^3, 2^2\})$	4294967296
16	$\mathcal{O}(0; \{16^8, 8^6, 2^3\})$	8589934592
16	$\mathcal{O}(0; \{16^8, 8^6, 4^2\})$	34359738368
16	$\mathcal{O}(0; \{16^{10}, 8, 2^8\})$	536870912
16	$\mathcal{O}(0; \{16^{10}, 8, 4^2, 2^5\})$	2147483648
16	$\mathcal{O}(0; \{16^{10}, 8, 4^4, 2^2\})$	8589934592
16	$\mathcal{O}(0; \{16^{10}, 8^3, 4, 2^3\})$	17179869184
16	$\mathcal{O}(0; \{16^{10}, 8^3, 4^3\})$	68719476736
16	$\mathcal{O}(0; \{16^{10}, 8^5, 2\})$	137438953472
16	$\mathcal{O}(0; \{16^{12}, 2^6\})$	8589934592
16	$\mathcal{O}(0; \{16^{12}, 4^2, 2^3\})$	34359738368
16	$\mathcal{O}(0; \{16^{12}, 4^4\})$	137438953472
16	$\mathcal{O}(0; \{16^{12}, 8^2, 4, 2\})$	274877906944
17	$\mathcal{O}(3; \{17^8\})$	6098239402714384
18	$\mathcal{O}(5; \{18^2, 2^2\})$	21422803359744
18	$\mathcal{O}(4; \{9^4, 3^2\})$	7113040178040
18	$\mathcal{O}(4; \{9^4, 6, 2\})$	3570467226624
18	$\mathcal{O}(4; \{18, 9^2, 3, 2^3\})$	396718580736
18	$\mathcal{O}(4; \{18, 9^2, 6, 3^2\})$	1586874322944
18	$\mathcal{O}(4; \{18, 9^2, 6^2, 2\})$	793437161472
18	$\mathcal{O}(4; \{18^2, 2^6\})$	66119763456
18	$\mathcal{O}(4; \{18^2, 3^3, 2^2\})$	528958107648
18	$\mathcal{O}(4; \{18^2, 6, 3, 2^3\})$	264479053824
18	$\mathcal{O}(4; \{18^2, 6^2, 3^2\})$	1057916215296
18	$\mathcal{O}(4; \{18^2, 6^3, 2\})$	528958107648

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(4; \{18^3, 9, 3, 2\})$	3570467226624
18	$\mathcal{O}(3; \{9^4, 3^2, 2^4\})$	22039921152
18	$\mathcal{O}(3; \{9^4, 3^5\})$	173564379072
18	$\mathcal{O}(3; \{9^4, 6, 2^5\})$	11019960576
18	$\mathcal{O}(3; \{9^4, 6, 3^3, 2\})$	88159684608
18	$\mathcal{O}(3; \{9^4, 6^2, 3, 2^2\})$	44079842304
18	$\mathcal{O}(3; \{9^4, 6^4\})$	88159684608
18	$\mathcal{O}(3; \{9^7, 3\})$	2050229227788
18	$\mathcal{O}(3; \{18, 9^2, 3, 2^7\})$	1224440064
18	$\mathcal{O}(3; \{18, 9^2, 3^4, 2^3\})$	9795520512
18	$\mathcal{O}(3; \{18, 9^2, 6, 3^2, 2^4\})$	4897760256
18	$\mathcal{O}(3; \{18, 9^2, 6, 3^5\})$	39182082048
18	$\mathcal{O}(3; \{18, 9^2, 6^2, 2^5\})$	2448880128
18	$\mathcal{O}(3; \{18, 9^2, 6^2, 3^3, 2\})$	19591041024
18	$\mathcal{O}(3; \{18, 9^2, 6^3, 3, 2^2\})$	9795520512
18	$\mathcal{O}(3; \{18, 9^2, 6^5\})$	19591041024
18	$\mathcal{O}(3; \{18, 9^5, 2^3\})$	181829349504
18	$\mathcal{O}(3; \{18, 9^5, 6, 3\})$	727317398016
18	$\mathcal{O}(3; \{18^2, 2^{10}\})$	204073344
18	$\mathcal{O}(3; \{18^2, 3^3, 2^6\})$	1632586752
18	$\mathcal{O}(3; \{18^2, 3^6, 2^2\})$	13060694016
18	$\mathcal{O}(3; \{18^2, 6, 3, 2^7\})$	816293376
18	$\mathcal{O}(3; \{18^2, 6, 3^4, 2^3\})$	6530347008
18	$\mathcal{O}(3; \{18^2, 6^2, 3^2, 2^4\})$	3265173504
18	$\mathcal{O}(3; \{18^2, 6^2, 3^5\})$	26121388032
18	$\mathcal{O}(3; \{18^2, 6^3, 2^5\})$	1632586752
18	$\mathcal{O}(3; \{18^2, 6^3, 3^3, 2\})$	13060694016
18	$\mathcal{O}(3; \{18^2, 6^4, 3, 2^2\})$	6530347008
18	$\mathcal{O}(3; \{18^2, 6^6\})$	13060694016
18	$\mathcal{O}(3; \{18^2, 9^3, 3^2, 2^2\})$	110199605760
18	$\mathcal{O}(3; \{18^2, 9^3, 6, 2^3\})$	55099802880
18	$\mathcal{O}(3; \{18^2, 9^3, 6^2, 3\})$	220399211520
18	$\mathcal{O}(3; \{18^3, 9, 3, 2^5\})$	11019960576
18	$\mathcal{O}(3; \{18^3, 9, 3^4, 2\})$	88159684608
18	$\mathcal{O}(3; \{18^3, 9, 6, 3^2, 2^2\})$	44079842304
18	$\mathcal{O}(3; \{18^3, 9, 6^2, 2^3\})$	22039921152
18	$\mathcal{O}(3; \{18^3, 9, 6^3, 3\})$	88159684608
18	$\mathcal{O}(3; \{18^3, 9^4, 2\})$	1041386274432
18	$\mathcal{O}(3; \{18^4, 9^2, 3^2\})$	727317398016
18	$\mathcal{O}(3; \{18^4, 9^2, 6, 2\})$	363658699008
18	$\mathcal{O}(3; \{18^5, 3, 2^3\})$	55099802880
18	$\mathcal{O}(3; \{18^5, 6, 3^2\})$	220399211520
18	$\mathcal{O}(3; \{18^5, 6^2, 2\})$	110199605760

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(2; \{9^4, 3^2, 2^8\})$	68024448
18	$\mathcal{O}(2; \{9^4, 3^5, 2^4\})$	544195584
18	$\mathcal{O}(2; \{9^4, 3^8\})$	4081466880
18	$\mathcal{O}(2; \{9^4, 6, 2^9\})$	34012224
18	$\mathcal{O}(2; \{9^4, 6, 3^3, 2^5\})$	272097792
18	$\mathcal{O}(2; \{9^4, 6, 3^6, 2\})$	2176782336
18	$\mathcal{O}(2; \{9^4, 6^2, 3, 2^6\})$	136048896
18	$\mathcal{O}(2; \{9^4, 6^2, 3^4, 2^2\})$	1088391168
18	$\mathcal{O}(2; \{9^4, 6^3, 3^2, 2^3\})$	544195584
18	$\mathcal{O}(2; \{9^4, 6^4, 2^4\})$	272097792
18	$\mathcal{O}(2; \{9^4, 6^4, 3^3\})$	2176782336
18	$\mathcal{O}(2; \{9^4, 6^5, 3, 2\})$	1088391168
18	$\mathcal{O}(2; \{9^7, 3, 2^4\})$	6428310336
18	$\mathcal{O}(2; \{9^7, 3^4\})$	48212327520
18	$\mathcal{O}(2; \{9^7, 6, 3^2, 2\})$	25713241344
18	$\mathcal{O}(2; \{9^7, 6^2, 2^2\})$	12856620672
18	$\mathcal{O}(2; \{9^{10}\})$	662489036190
18	$\mathcal{O}(2; \{18, 9^2, 3, 2^{11}\})$	3779136
18	$\mathcal{O}(2; \{18, 9^2, 3^4, 2^7\})$	30233088
18	$\mathcal{O}(2; \{18, 9^2, 3^7, 2^3\})$	241864704
18	$\mathcal{O}(2; \{18, 9^2, 6, 3^2, 2^8\})$	15116544
18	$\mathcal{O}(2; \{18, 9^2, 6, 3^5, 2^4\})$	120932352
18	$\mathcal{O}(2; \{18, 9^2, 6, 3^8\})$	967458816
18	$\mathcal{O}(2; \{18, 9^2, 6^2, 2^9\})$	7558272
18	$\mathcal{O}(2; \{18, 9^2, 6^2, 3^3, 2^5\})$	60466176
18	$\mathcal{O}(2; \{18, 9^2, 6^2, 3^6, 2\})$	483729408
18	$\mathcal{O}(2; \{18, 9^2, 6^3, 3, 2^6\})$	30233088
18	$\mathcal{O}(2; \{18, 9^2, 6^3, 3^4, 2^2\})$	241864704
18	$\mathcal{O}(2; \{18, 9^2, 6^4, 3^2, 2^3\})$	120932352
18	$\mathcal{O}(2; \{18, 9^2, 6^5, 2^4\})$	60466176
18	$\mathcal{O}(2; \{18, 9^2, 6^5, 3^3\})$	483729408
18	$\mathcal{O}(2; \{18, 9^2, 6^6, 3, 2\})$	241864704
18	$\mathcal{O}(2; \{18, 9^5, 2^7\})$	561201696
18	$\mathcal{O}(2; \{18, 9^5, 3^3, 2^3\})$	4489613568
18	$\mathcal{O}(2; \{18, 9^5, 6, 3, 2^4\})$	2244806784
18	$\mathcal{O}(2; \{18, 9^5, 6, 3^4\})$	17958454272
18	$\mathcal{O}(2; \{18, 9^5, 6^2, 3^2, 2\})$	8979227136
18	$\mathcal{O}(2; \{18, 9^5, 6^3, 2^2\})$	4489613568
18	$\mathcal{O}(2; \{18, 9^8, 6\})$	234174162240
18	$\mathcal{O}(2; \{18^2, 2^{14}\})$	629856
18	$\mathcal{O}(2; \{18^2, 3^3, 2^{10}\})$	5038848
18	$\mathcal{O}(2; \{18^2, 3^6, 2^6\})$	40310784
18	$\mathcal{O}(2; \{18^2, 3^9, 2^2\})$	322486272

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(2; \{18^2, 6, 3, 2^{11}\})$	2519424
18	$\mathcal{O}(2; \{18^2, 6, 3^4, 2^7\})$	20155392
18	$\mathcal{O}(2; \{18^2, 6, 3^7, 2^3\})$	161243136
18	$\mathcal{O}(2; \{18^2, 6^2, 3^2, 2^8\})$	10077696
18	$\mathcal{O}(2; \{18^2, 6^2, 3^5, 2^4\})$	80621568
18	$\mathcal{O}(2; \{18^2, 6^2, 3^8\})$	644972544
18	$\mathcal{O}(2; \{18^2, 6^3, 2^9\})$	5038848
18	$\mathcal{O}(2; \{18^2, 6^3, 3^3, 2^5\})$	40310784
18	$\mathcal{O}(2; \{18^2, 6^3, 3^6, 2\})$	322486272
18	$\mathcal{O}(2; \{18^2, 6^4, 3, 2^6\})$	20155392
18	$\mathcal{O}(2; \{18^2, 6^4, 3^4, 2^2\})$	161243136
18	$\mathcal{O}(2; \{18^2, 6^5, 3^2, 2^3\})$	80621568
18	$\mathcal{O}(2; \{18^2, 6^6, 2^4\})$	40310784
18	$\mathcal{O}(2; \{18^2, 6^6, 3^3\})$	322486272
18	$\mathcal{O}(2; \{18^2, 6^7, 3, 2\})$	161243136
18	$\mathcal{O}(2; \{18^2, 9^3, 3^2, 2^6\})$	340122240
18	$\mathcal{O}(2; \{18^2, 9^3, 3^5, 2^2\})$	2720977920
18	$\mathcal{O}(2; \{18^2, 9^3, 6, 2^7\})$	170061120
18	$\mathcal{O}(2; \{18^2, 9^3, 6, 3^3, 2^3\})$	1360488960
18	$\mathcal{O}(2; \{18^2, 9^3, 6^2, 3, 2^4\})$	680244480
18	$\mathcal{O}(2; \{18^2, 9^3, 6^2, 3^4\})$	5441955840
18	$\mathcal{O}(2; \{18^2, 9^3, 6^3, 3^2, 2\})$	2720977920
18	$\mathcal{O}(2; \{18^2, 9^3, 6^4, 2^2\})$	1360488960
18	$\mathcal{O}(2; \{18^2, 9^6, 3, 2^2\})$	39488192064
18	$\mathcal{O}(2; \{18^2, 9^6, 6^2\})$	78976384128
18	$\mathcal{O}(2; \{18^3, 9, 3, 2^9\})$	34012224
18	$\mathcal{O}(2; \{18^3, 9, 3^4, 2^5\})$	272097792
18	$\mathcal{O}(2; \{18^3, 9, 3^7, 2\})$	2176782336
18	$\mathcal{O}(2; \{18^3, 9, 6, 3^2, 2^6\})$	136048896
18	$\mathcal{O}(2; \{18^3, 9, 6, 3^5, 2^2\})$	1088391168
18	$\mathcal{O}(2; \{18^3, 9, 6^2, 2^7\})$	68024448
18	$\mathcal{O}(2; \{18^3, 9, 6^2, 3^3, 2^3\})$	544195584
18	$\mathcal{O}(2; \{18^3, 9, 6^3, 3, 2^4\})$	272097792
18	$\mathcal{O}(2; \{18^3, 9, 6^3, 3^4\})$	2176782336
18	$\mathcal{O}(2; \{18^3, 9, 6^4, 3^2, 2\})$	1088391168
18	$\mathcal{O}(2; \{18^3, 9, 6^5, 2^2\})$	544195584
18	$\mathcal{O}(2; \{18^3, 9^4, 2^5\})$	3214155168
18	$\mathcal{O}(2; \{18^3, 9^4, 3^3, 2\})$	25713241344
18	$\mathcal{O}(2; \{18^3, 9^4, 6, 3, 2^2\})$	12856620672
18	$\mathcal{O}(2; \{18^3, 9^4, 6^3\})$	25713241344
18	$\mathcal{O}(2; \{18^4, 9^2, 3^2, 2^4\})$	2244806784
18	$\mathcal{O}(2; \{18^4, 9^2, 3^5\})$	17958454272
18	$\mathcal{O}(2; \{18^4, 9^2, 6, 2^5\})$	1122403392

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(2; \{18^4, 9^2, 6, 3^3, 2\})$	8979227136
18	$\mathcal{O}(2; \{18^4, 9^2, 6^2, 3, 2^2\})$	4489613568
18	$\mathcal{O}(2; \{18^4, 9^2, 6^4\})$	8979227136
18	$\mathcal{O}(2; \{18^4, 9^5, 3\})$	234174162240
18	$\mathcal{O}(2; \{18^5, 3, 2^7\})$	170061120
18	$\mathcal{O}(2; \{18^5, 3^4, 2^3\})$	1360488960
18	$\mathcal{O}(2; \{18^5, 6, 3^2, 2^4\})$	680244480
18	$\mathcal{O}(2; \{18^5, 6, 3^5\})$	5441955840
18	$\mathcal{O}(2; \{18^5, 6^2, 2^5\})$	340122240
18	$\mathcal{O}(2; \{18^5, 6^2, 3^3, 2\})$	2720977920
18	$\mathcal{O}(2; \{18^5, 6^3, 3, 2^2\})$	1360488960
18	$\mathcal{O}(2; \{18^5, 6^5\})$	2720977920
18	$\mathcal{O}(2; \{18^5, 9^3, 2^3\})$	19744096032
18	$\mathcal{O}(2; \{18^5, 9^3, 6, 3\})$	78976384128
18	$\mathcal{O}(2; \{18^6, 9, 3^2, 2^2\})$	12856620672
18	$\mathcal{O}(2; \{18^6, 9, 6, 2^3\})$	6428310336
18	$\mathcal{O}(2; \{18^6, 9, 6^2, 3\})$	25713241344
18	$\mathcal{O}(2; \{18^7, 9^2, 2\})$	117087081120
18	$\mathcal{O}(2; \{18^8, 3^2\})$	78976384128
18	$\mathcal{O}(2; \{18^8, 6, 2\})$	39488192064
18	$\mathcal{O}(1; \{9^4, 3^2, 2^{12}\})$	209952
18	$\mathcal{O}(1; \{9^4, 3^5, 2^8\})$	1679616
18	$\mathcal{O}(1; \{9^4, 3^8, 2^4\})$	13436928
18	$\mathcal{O}(1; \{9^4, 3^{11}\})$	80621568
18	$\mathcal{O}(1; \{9^4, 6, 2^{13}\})$	104976
18	$\mathcal{O}(1; \{9^4, 6, 3^3, 2^9\})$	839808
18	$\mathcal{O}(1; \{9^4, 6, 3^6, 2^5\})$	6718464
18	$\mathcal{O}(1; \{9^4, 6, 3^9, 2\})$	53747712
18	$\mathcal{O}(1; \{9^4, 6^2, 3, 2^{10}\})$	419904
18	$\mathcal{O}(1; \{9^4, 6^2, 3^4, 2^6\})$	3359232
18	$\mathcal{O}(1; \{9^4, 6^2, 3^7, 2^2\})$	26873856
18	$\mathcal{O}(1; \{9^4, 6^3, 3^2, 2^7\})$	1679616
18	$\mathcal{O}(1; \{9^4, 6^3, 3^5, 2^3\})$	13436928
18	$\mathcal{O}(1; \{9^4, 6^4, 2^8\})$	839808
18	$\mathcal{O}(1; \{9^4, 6^4, 3^3, 2^4\})$	6718464
18	$\mathcal{O}(1; \{9^4, 6^4, 3^6\})$	53747712
18	$\mathcal{O}(1; \{9^4, 6^5, 3, 2^5\})$	3359232
18	$\mathcal{O}(1; \{9^4, 6^5, 3^4, 2\})$	26873856
18	$\mathcal{O}(1; \{9^4, 6^6, 3^2, 2^2\})$	13436928
18	$\mathcal{O}(1; \{9^4, 6^7, 2^3\})$	6718464
18	$\mathcal{O}(1; \{9^4, 6^8, 3\})$	26873856
18	$\mathcal{O}(1; \{9^7, 3, 2^8\})$	19840464
18	$\mathcal{O}(1; \{9^7, 3^4, 2^4\})$	158723712

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{9^7, 3^7\})$	952342272
18	$\mathcal{O}(1; \{9^7, 6, 3^2, 2^5\})$	79361856
18	$\mathcal{O}(1; \{9^7, 6, 3^5, 2\})$	634894848
18	$\mathcal{O}(1; \{9^7, 6^2, 2^6\})$	39680928
18	$\mathcal{O}(1; \{9^7, 6^2, 3^3, 2^2\})$	317447424
18	$\mathcal{O}(1; \{9^7, 6^3, 3, 2^3\})$	158723712
18	$\mathcal{O}(1; \{9^7, 6^4, 3^2\})$	634894848
18	$\mathcal{O}(1; \{9^7, 6^5, 2\})$	317447424
18	$\mathcal{O}(1; \{9^{10}, 2^4\})$	2181033864
18	$\mathcal{O}(1; \{9^{10}, 3^3\})$	13086203184
18	$\mathcal{O}(1; \{9^{10}, 6, 3, 2\})$	8724135456
18	$\mathcal{O}(1; \{18, 9^2, 3, 2^{15}\})$	11664
18	$\mathcal{O}(1; \{18, 9^2, 3^4, 2^{11}\})$	93312
18	$\mathcal{O}(1; \{18, 9^2, 3^7, 2^7\})$	746496
18	$\mathcal{O}(1; \{18, 9^2, 3^{10}, 2^3\})$	5971968
18	$\mathcal{O}(1; \{18, 9^2, 6, 3^2, 2^{12}\})$	46656
18	$\mathcal{O}(1; \{18, 9^2, 6, 3^5, 2^8\})$	373248
18	$\mathcal{O}(1; \{18, 9^2, 6, 3^8, 2^4\})$	2985984
18	$\mathcal{O}(1; \{18, 9^2, 6, 3^{11}\})$	23887872
18	$\mathcal{O}(1; \{18, 9^2, 6^2, 2^{13}\})$	23328
18	$\mathcal{O}(1; \{18, 9^2, 6^2, 3^3, 2^9\})$	186624
18	$\mathcal{O}(1; \{18, 9^2, 6^2, 3^6, 2^5\})$	1492992
18	$\mathcal{O}(1; \{18, 9^2, 6^2, 3^9, 2\})$	11943936
18	$\mathcal{O}(1; \{18, 9^2, 6^3, 3, 2^{10}\})$	93312
18	$\mathcal{O}(1; \{18, 9^2, 6^3, 3^4, 2^6\})$	746496
18	$\mathcal{O}(1; \{18, 9^2, 6^3, 3^7, 2^2\})$	5971968
18	$\mathcal{O}(1; \{18, 9^2, 6^4, 3^2, 2^7\})$	373248
18	$\mathcal{O}(1; \{18, 9^2, 6^4, 3^5, 2^3\})$	2985984
18	$\mathcal{O}(1; \{18, 9^2, 6^5, 2^8\})$	186624
18	$\mathcal{O}(1; \{18, 9^2, 6^5, 3^3, 2^4\})$	1492992
18	$\mathcal{O}(1; \{18, 9^2, 6^5, 3^6\})$	11943936
18	$\mathcal{O}(1; \{18, 9^2, 6^6, 3, 2^5\})$	746496
18	$\mathcal{O}(1; \{18, 9^2, 6^6, 3^4, 2\})$	5971968
18	$\mathcal{O}(1; \{18, 9^2, 6^7, 3^2, 2^2\})$	2985984
18	$\mathcal{O}(1; \{18, 9^2, 6^8, 2^3\})$	1492992
18	$\mathcal{O}(1; \{18, 9^2, 6^9, 3\})$	5971968
18	$\mathcal{O}(1; \{18, 9^5, 2^{11}\})$	1732104
18	$\mathcal{O}(1; \{18, 9^5, 3^3, 2^7\})$	13856832
18	$\mathcal{O}(1; \{18, 9^5, 3^6, 2^3\})$	110854656
18	$\mathcal{O}(1; \{18, 9^5, 6, 3, 2^8\})$	6928416
18	$\mathcal{O}(1; \{18, 9^5, 6, 3^4, 2^4\})$	55427328
18	$\mathcal{O}(1; \{18, 9^5, 6, 3^7\})$	443418624
18	$\mathcal{O}(1; \{18, 9^5, 6^2, 3^2, 2^5\})$	27713664

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18, 9^5, 6^2, 3^5, 2\})$	221709312
18	$\mathcal{O}(1; \{18, 9^5, 6^3, 2^6\})$	13856832
18	$\mathcal{O}(1; \{18, 9^5, 6^3, 3^3, 2^2\})$	110854656
18	$\mathcal{O}(1; \{18, 9^5, 6^4, 3, 2^3\})$	55427328
18	$\mathcal{O}(1; \{18, 9^5, 6^5, 3^2\})$	221709312
18	$\mathcal{O}(1; \{18, 9^5, 6^6, 2\})$	110854656
18	$\mathcal{O}(1; \{18, 9^8, 3^2, 2^3\})$	1445519520
18	$\mathcal{O}(1; \{18, 9^8, 6, 2^4\})$	722759760
18	$\mathcal{O}(1; \{18, 9^8, 6, 3^3\})$	5782078080
18	$\mathcal{O}(1; \{18, 9^8, 6^2, 3, 2\})$	2891039040
18	$\mathcal{O}(1; \{18^2, 2^{18}\})$	1944
18	$\mathcal{O}(1; \{18^2, 3^3, 2^{14}\})$	15552
18	$\mathcal{O}(1; \{18^2, 3^6, 2^{10}\})$	124416
18	$\mathcal{O}(1; \{18^2, 3^9, 2^6\})$	995328
18	$\mathcal{O}(1; \{18^2, 3^{12}, 2^2\})$	7962624
18	$\mathcal{O}(1; \{18^2, 6, 3, 2^{15}\})$	7776
18	$\mathcal{O}(1; \{18^2, 6, 3^4, 2^{11}\})$	62208
18	$\mathcal{O}(1; \{18^2, 6, 3^7, 2^7\})$	497664
18	$\mathcal{O}(1; \{18^2, 6, 3^{10}, 2^3\})$	3981312
18	$\mathcal{O}(1; \{18^2, 6^2, 3^2, 2^{12}\})$	31104
18	$\mathcal{O}(1; \{18^2, 6^2, 3^5, 2^8\})$	248832
18	$\mathcal{O}(1; \{18^2, 6^2, 3^8, 2^4\})$	1990656
18	$\mathcal{O}(1; \{18^2, 6^2, 3^{11}\})$	15925248
18	$\mathcal{O}(1; \{18^2, 6^3, 2^{13}\})$	15552
18	$\mathcal{O}(1; \{18^2, 6^3, 3^3, 2^9\})$	124416
18	$\mathcal{O}(1; \{18^2, 6^3, 3^6, 2^5\})$	995328
18	$\mathcal{O}(1; \{18^2, 6^3, 3^9, 2\})$	7962624
18	$\mathcal{O}(1; \{18^2, 6^4, 3, 2^{10}\})$	62208
18	$\mathcal{O}(1; \{18^2, 6^4, 3^4, 2^6\})$	497664
18	$\mathcal{O}(1; \{18^2, 6^4, 3^7, 2^2\})$	3981312
18	$\mathcal{O}(1; \{18^2, 6^5, 3^2, 2^7\})$	248832
18	$\mathcal{O}(1; \{18^2, 6^5, 3^5, 2^3\})$	1990656
18	$\mathcal{O}(1; \{18^2, 6^6, 2^8\})$	124416
18	$\mathcal{O}(1; \{18^2, 6^6, 3^3, 2^4\})$	995328
18	$\mathcal{O}(1; \{18^2, 6^6, 3^6\})$	7962624
18	$\mathcal{O}(1; \{18^2, 6^7, 3, 2^5\})$	497664
18	$\mathcal{O}(1; \{18^2, 6^7, 3^4, 2\})$	3981312
18	$\mathcal{O}(1; \{18^2, 6^8, 3^2, 2^2\})$	1990656
18	$\mathcal{O}(1; \{18^2, 6^9, 2^3\})$	995328
18	$\mathcal{O}(1; \{18^2, 6^{10}, 3\})$	3981312
18	$\mathcal{O}(1; \{18^2, 9^3, 3^2, 2^{10}\})$	1049760
18	$\mathcal{O}(1; \{18^2, 9^3, 3^5, 2^6\})$	8398080
18	$\mathcal{O}(1; \{18^2, 9^3, 3^8, 2^2\})$	67184640

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18^2, 9^3, 6, 2^{11}\})$	524880
18	$\mathcal{O}(1; \{18^2, 9^3, 6, 3^3, 2^7\})$	4199040
18	$\mathcal{O}(1; \{18^2, 9^3, 6, 3^6, 2^3\})$	33592320
18	$\mathcal{O}(1; \{18^2, 9^3, 6^2, 3, 2^8\})$	2099520
18	$\mathcal{O}(1; \{18^2, 9^3, 6^2, 3^4, 2^4\})$	16796160
18	$\mathcal{O}(1; \{18^2, 9^3, 6^2, 3^7\})$	134369280
18	$\mathcal{O}(1; \{18^2, 9^3, 6^3, 3^2, 2^5\})$	8398080
18	$\mathcal{O}(1; \{18^2, 9^3, 6^3, 3^5, 2\})$	67184640
18	$\mathcal{O}(1; \{18^2, 9^3, 6^4, 2^6\})$	4199040
18	$\mathcal{O}(1; \{18^2, 9^3, 6^4, 3^3, 2^2\})$	33592320
18	$\mathcal{O}(1; \{18^2, 9^3, 6^5, 3, 2^3\})$	16796160
18	$\mathcal{O}(1; \{18^2, 9^3, 6^6, 3^2\})$	67184640
18	$\mathcal{O}(1; \{18^2, 9^3, 6^7, 2\})$	33592320
18	$\mathcal{O}(1; \{18^2, 9^6, 3, 2^6\})$	121877136
18	$\mathcal{O}(1; \{18^2, 9^6, 3^4, 2^2\})$	975017088
18	$\mathcal{O}(1; \{18^2, 9^6, 6, 3^2, 2^3\})$	487508544
18	$\mathcal{O}(1; \{18^2, 9^6, 6^2, 2^4\})$	243754272
18	$\mathcal{O}(1; \{18^2, 9^6, 6^2, 3^3\})$	1950034176
18	$\mathcal{O}(1; \{18^2, 9^6, 6^3, 3, 2\})$	975017088
18	$\mathcal{O}(1; \{18^2, 9^9, 2^2\})$	13047939432
18	$\mathcal{O}(1; \{18^3, 9, 3, 2^{13}\})$	104976
18	$\mathcal{O}(1; \{18^3, 9, 3^4, 2^9\})$	839808
18	$\mathcal{O}(1; \{18^3, 9, 3^7, 2^5\})$	6718464
18	$\mathcal{O}(1; \{18^3, 9, 3^{10}, 2\})$	53747712
18	$\mathcal{O}(1; \{18^3, 9, 6, 3^2, 2^{10}\})$	419904
18	$\mathcal{O}(1; \{18^3, 9, 6, 3^5, 2^6\})$	3359232
18	$\mathcal{O}(1; \{18^3, 9, 6, 3^8, 2^2\})$	26873856
18	$\mathcal{O}(1; \{18^3, 9, 6^2, 2^{11}\})$	209952
18	$\mathcal{O}(1; \{18^3, 9, 6^2, 3^3, 2^7\})$	1679616
18	$\mathcal{O}(1; \{18^3, 9, 6^2, 3^6, 2^3\})$	13436928
18	$\mathcal{O}(1; \{18^3, 9, 6^3, 3, 2^8\})$	839808
18	$\mathcal{O}(1; \{18^3, 9, 6^3, 3^4, 2^4\})$	6718464
18	$\mathcal{O}(1; \{18^3, 9, 6^3, 3^7\})$	53747712
18	$\mathcal{O}(1; \{18^3, 9, 6^4, 3^2, 2^5\})$	3359232
18	$\mathcal{O}(1; \{18^3, 9, 6^4, 3^5, 2\})$	26873856
18	$\mathcal{O}(1; \{18^3, 9, 6^5, 2^6\})$	1679616
18	$\mathcal{O}(1; \{18^3, 9, 6^5, 3^3, 2^2\})$	13436928
18	$\mathcal{O}(1; \{18^3, 9, 6^6, 3, 2^3\})$	6718464
18	$\mathcal{O}(1; \{18^3, 9, 6^7, 3^2\})$	26873856
18	$\mathcal{O}(1; \{18^3, 9, 6^8, 2\})$	13436928
18	$\mathcal{O}(1; \{18^3, 9^4, 2^9\})$	9920232
18	$\mathcal{O}(1; \{18^3, 9^4, 3^3, 2^5\})$	79361856
18	$\mathcal{O}(1; \{18^3, 9^4, 3^6, 2\})$	634894848

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18^3, 9^4, 6, 3, 2^6\})$	39680928
18	$\mathcal{O}(1; \{18^3, 9^4, 6, 3^4, 2^2\})$	317447424
18	$\mathcal{O}(1; \{18^3, 9^4, 6^2, 3^2, 2^3\})$	158723712
18	$\mathcal{O}(1; \{18^3, 9^4, 6^3, 2^4\})$	79361856
18	$\mathcal{O}(1; \{18^3, 9^4, 6^3, 3^3\})$	634894848
18	$\mathcal{O}(1; \{18^3, 9^4, 6^4, 3, 2\})$	317447424
18	$\mathcal{O}(1; \{18^3, 9^7, 3^2, 2\})$	8724135456
18	$\mathcal{O}(1; \{18^3, 9^7, 6, 2^2\})$	4362067728
18	$\mathcal{O}(1; \{18^4, 9^2, 3^2, 2^8\})$	6928416
18	$\mathcal{O}(1; \{18^4, 9^2, 3^5, 2^4\})$	55427328
18	$\mathcal{O}(1; \{18^4, 9^2, 3^8\})$	443418624
18	$\mathcal{O}(1; \{18^4, 9^2, 6, 2^9\})$	3464208
18	$\mathcal{O}(1; \{18^4, 9^2, 6, 3^3, 2^5\})$	27713664
18	$\mathcal{O}(1; \{18^4, 9^2, 6, 3^6, 2\})$	221709312
18	$\mathcal{O}(1; \{18^4, 9^2, 6^2, 3, 2^6\})$	13856832
18	$\mathcal{O}(1; \{18^4, 9^2, 6^2, 3^4, 2^2\})$	110854656
18	$\mathcal{O}(1; \{18^4, 9^2, 6^3, 3^2, 2^3\})$	55427328
18	$\mathcal{O}(1; \{18^4, 9^2, 6^4, 2^4\})$	27713664
18	$\mathcal{O}(1; \{18^4, 9^2, 6^4, 3^3\})$	221709312
18	$\mathcal{O}(1; \{18^4, 9^2, 6^5, 3, 2\})$	110854656
18	$\mathcal{O}(1; \{18^4, 9^5, 3, 2^4\})$	722759760
18	$\mathcal{O}(1; \{18^4, 9^5, 3^4\})$	5782078080
18	$\mathcal{O}(1; \{18^4, 9^5, 6, 3^2, 2\})$	2891039040
18	$\mathcal{O}(1; \{18^4, 9^5, 6^2, 2^2\})$	1445519520
18	$\mathcal{O}(1; \{18^4, 9^8\})$	78402427848
18	$\mathcal{O}(1; \{18^5, 3, 2^{11}\})$	524880
18	$\mathcal{O}(1; \{18^5, 3^4, 2^7\})$	4199040
18	$\mathcal{O}(1; \{18^5, 3^7, 2^3\})$	33592320
18	$\mathcal{O}(1; \{18^5, 6, 3^2, 2^8\})$	2099520
18	$\mathcal{O}(1; \{18^5, 6, 3^5, 2^4\})$	16796160
18	$\mathcal{O}(1; \{18^5, 6, 3^8\})$	134369280
18	$\mathcal{O}(1; \{18^5, 6^2, 2^9\})$	1049760
18	$\mathcal{O}(1; \{18^5, 6^2, 3^3, 2^5\})$	8398080
18	$\mathcal{O}(1; \{18^5, 6^2, 3^6, 2\})$	67184640
18	$\mathcal{O}(1; \{18^5, 6^3, 3, 2^6\})$	4199040
18	$\mathcal{O}(1; \{18^5, 6^3, 3^4, 2^2\})$	33592320
18	$\mathcal{O}(1; \{18^5, 6^4, 3^2, 2^3\})$	16796160
18	$\mathcal{O}(1; \{18^5, 6^5, 2^4\})$	8398080
18	$\mathcal{O}(1; \{18^5, 6^5, 3^3\})$	67184640
18	$\mathcal{O}(1; \{18^5, 6^6, 3, 2\})$	33592320
18	$\mathcal{O}(1; \{18^5, 9^3, 2^7\})$	60938568
18	$\mathcal{O}(1; \{18^5, 9^3, 3^3, 2^3\})$	487508544
18	$\mathcal{O}(1; \{18^5, 9^3, 6, 3, 2^4\})$	243754272

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18^5, 9^3, 6, 3^4\})$	1950034176
18	$\mathcal{O}(1; \{18^5, 9^3, 6^2, 3^2, 2\})$	975017088
18	$\mathcal{O}(1; \{18^5, 9^3, 6^3, 2^2\})$	487508544
18	$\mathcal{O}(1; \{18^5, 9^6, 6\})$	26095878864
18	$\mathcal{O}(1; \{18^6, 9, 3^2, 2^6\})$	39680928
18	$\mathcal{O}(1; \{18^6, 9, 3^5, 2^2\})$	317447424
18	$\mathcal{O}(1; \{18^6, 9, 6, 2^7\})$	19840464
18	$\mathcal{O}(1; \{18^6, 9, 6, 3^3, 2^3\})$	158723712
18	$\mathcal{O}(1; \{18^6, 9, 6^2, 3, 2^4\})$	79361856
18	$\mathcal{O}(1; \{18^6, 9, 6^2, 3^4\})$	634894848
18	$\mathcal{O}(1; \{18^6, 9, 6^3, 3^2, 2\})$	317447424
18	$\mathcal{O}(1; \{18^6, 9, 6^4, 2^2\})$	158723712
18	$\mathcal{O}(1; \{18^6, 9^4, 3, 2^2\})$	4362067728
18	$\mathcal{O}(1; \{18^6, 9^4, 6^2\})$	8724135456
18	$\mathcal{O}(1; \{18^7, 9^2, 2^5\})$	361379880
18	$\mathcal{O}(1; \{18^7, 9^2, 3^3, 2\})$	2891039040
18	$\mathcal{O}(1; \{18^7, 9^2, 6, 3, 2^2\})$	1445519520
18	$\mathcal{O}(1; \{18^7, 9^2, 6^3\})$	2891039040
18	$\mathcal{O}(1; \{18^8, 3^2, 2^4\})$	243754272
18	$\mathcal{O}(1; \{18^8, 3^5\})$	1950034176
18	$\mathcal{O}(1; \{18^8, 6, 2^5\})$	121877136
18	$\mathcal{O}(1; \{18^8, 6, 3^3, 2\})$	975017088
18	$\mathcal{O}(1; \{18^8, 6^2, 3, 2^2\})$	487508544
18	$\mathcal{O}(1; \{18^8, 6^4\})$	975017088
18	$\mathcal{O}(1; \{18^8, 9^3, 3\})$	26095878864
18	$\mathcal{O}(1; \{18^9, 9, 2^3\})$	2181033864
18	$\mathcal{O}(1; \{18^9, 9, 6, 3\})$	8724135456
18	$\mathcal{O}(1; \{18^{11}, 2\})$	13047939432
18	$\mathcal{O}(0; \{9^4, 3^2, 2^{16}\})$	648
18	$\mathcal{O}(0; \{9^4, 3^5, 2^{12}\})$	5184
18	$\mathcal{O}(0; \{9^4, 3^8, 2^8\})$	41472
18	$\mathcal{O}(0; \{9^4, 3^{11}, 2^4\})$	331776
18	$\mathcal{O}(0; \{9^4, 6, 2^{17}\})$	324
18	$\mathcal{O}(0; \{9^4, 6, 3^3, 2^{13}\})$	2592
18	$\mathcal{O}(0; \{9^4, 6, 3^6, 2^9\})$	20736
18	$\mathcal{O}(0; \{9^4, 6, 3^9, 2^5\})$	165888
18	$\mathcal{O}(0; \{9^4, 6, 3^{12}, 2\})$	1327104
18	$\mathcal{O}(0; \{9^4, 6^2, 3, 2^{14}\})$	1296
18	$\mathcal{O}(0; \{9^4, 6^2, 3^4, 2^{10}\})$	10368
18	$\mathcal{O}(0; \{9^4, 6^2, 3^7, 2^6\})$	82944
18	$\mathcal{O}(0; \{9^4, 6^2, 3^{10}, 2^2\})$	663552
18	$\mathcal{O}(0; \{9^4, 6^3, 3^2, 2^{11}\})$	5184
18	$\mathcal{O}(0; \{9^4, 6^3, 3^5, 2^7\})$	41472

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{9^4, 6^3, 3^8, 2^3\})$	331776
18	$\mathcal{O}(0; \{9^4, 6^4, 2^{12}\})$	2592
18	$\mathcal{O}(0; \{9^4, 6^4, 3^3, 2^8\})$	20736
18	$\mathcal{O}(0; \{9^4, 6^4, 3^6, 2^4\})$	165888
18	$\mathcal{O}(0; \{9^4, 6^4, 3^9\})$	1327104
18	$\mathcal{O}(0; \{9^4, 6^5, 3, 2^9\})$	10368
18	$\mathcal{O}(0; \{9^4, 6^5, 3^4, 2^5\})$	82944
18	$\mathcal{O}(0; \{9^4, 6^5, 3^7, 2\})$	663552
18	$\mathcal{O}(0; \{9^4, 6^6, 3^2, 2^6\})$	41472
18	$\mathcal{O}(0; \{9^4, 6^6, 3^5, 2^2\})$	331776
18	$\mathcal{O}(0; \{9^4, 6^7, 2^7\})$	20736
18	$\mathcal{O}(0; \{9^4, 6^7, 3^3, 2^3\})$	165888
18	$\mathcal{O}(0; \{9^4, 6^8, 3, 2^4\})$	82944
18	$\mathcal{O}(0; \{9^4, 6^8, 3^4\})$	663552
18	$\mathcal{O}(0; \{9^4, 6^9, 3^2, 2\})$	331776
18	$\mathcal{O}(0; \{9^4, 6^{10}, 2^2\})$	165888
18	$\mathcal{O}(0; \{9^7, 3, 2^{12}\})$	61236
18	$\mathcal{O}(0; \{9^7, 3^4, 2^8\})$	489888
18	$\mathcal{O}(0; \{9^7, 3^7, 2^4\})$	3919104
18	$\mathcal{O}(0; \{9^7, 6, 3^2, 2^9\})$	244944
18	$\mathcal{O}(0; \{9^7, 6, 3^5, 2^5\})$	1959552
18	$\mathcal{O}(0; \{9^7, 6, 3^8, 2\})$	15676416
18	$\mathcal{O}(0; \{9^7, 6^2, 2^{10}\})$	122472
18	$\mathcal{O}(0; \{9^7, 6^2, 3^3, 2^6\})$	979776
18	$\mathcal{O}(0; \{9^7, 6^2, 3^6, 2^2\})$	7838208
18	$\mathcal{O}(0; \{9^7, 6^3, 3, 2^7\})$	489888
18	$\mathcal{O}(0; \{9^7, 6^3, 3^4, 2^3\})$	3919104
18	$\mathcal{O}(0; \{9^7, 6^4, 3^2, 2^4\})$	1959552
18	$\mathcal{O}(0; \{9^7, 6^4, 3^5\})$	15676416
18	$\mathcal{O}(0; \{9^7, 6^5, 2^5\})$	979776
18	$\mathcal{O}(0; \{9^7, 6^5, 3^3, 2\})$	7838208
18	$\mathcal{O}(0; \{9^7, 6^6, 3, 2^2\})$	3919104
18	$\mathcal{O}(0; \{9^7, 6^8\})$	7838208
18	$\mathcal{O}(0; \{9^{10}, 2^8\})$	6731586
18	$\mathcal{O}(0; \{9^{10}, 3^3, 2^4\})$	53852688
18	$\mathcal{O}(0; \{9^{10}, 6, 3, 2^5\})$	26926344
18	$\mathcal{O}(0; \{9^{10}, 6, 3^4, 2\})$	215410752
18	$\mathcal{O}(0; \{9^{10}, 6^2, 3^2, 2^2\})$	107705376
18	$\mathcal{O}(0; \{9^{10}, 6^3, 2^3\})$	53852688
18	$\mathcal{O}(0; \{9^{10}, 6^4, 3\})$	215410752
18	$\mathcal{O}(0; \{9^{13}, 6, 2\})$	2901667860
18	$\mathcal{O}(0; \{18, 9^2, 3, 2^{19}\})$	36
18	$\mathcal{O}(0; \{18, 9^2, 3^4, 2^{15}\})$	288

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18, 9^2, 3^7, 2^{11}\})$	2304
18	$\mathcal{O}(0; \{18, 9^2, 3^{10}, 2^7\})$	18432
18	$\mathcal{O}(0; \{18, 9^2, 3^{13}, 2^3\})$	147456
18	$\mathcal{O}(0; \{18, 9^2, 6, 3^2, 2^{16}\})$	144
18	$\mathcal{O}(0; \{18, 9^2, 6, 3^5, 2^{12}\})$	1152
18	$\mathcal{O}(0; \{18, 9^2, 6, 3^8, 2^8\})$	9216
18	$\mathcal{O}(0; \{18, 9^2, 6, 3^{11}, 2^4\})$	73728
18	$\mathcal{O}(0; \{18, 9^2, 6, 3^{14}\})$	589824
18	$\mathcal{O}(0; \{18, 9^2, 6^2, 2^{17}\})$	72
18	$\mathcal{O}(0; \{18, 9^2, 6^2, 3^3, 2^{13}\})$	576
18	$\mathcal{O}(0; \{18, 9^2, 6^2, 3^6, 2^9\})$	4608
18	$\mathcal{O}(0; \{18, 9^2, 6^2, 3^9, 2^5\})$	36864
18	$\mathcal{O}(0; \{18, 9^2, 6^2, 3^{12}, 2\})$	294912
18	$\mathcal{O}(0; \{18, 9^2, 6^3, 3, 2^{14}\})$	288
18	$\mathcal{O}(0; \{18, 9^2, 6^3, 3^4, 2^{10}\})$	2304
18	$\mathcal{O}(0; \{18, 9^2, 6^3, 3^7, 2^6\})$	18432
18	$\mathcal{O}(0; \{18, 9^2, 6^3, 3^{10}, 2^2\})$	147456
18	$\mathcal{O}(0; \{18, 9^2, 6^4, 3^2, 2^{11}\})$	1152
18	$\mathcal{O}(0; \{18, 9^2, 6^4, 3^5, 2^7\})$	9216
18	$\mathcal{O}(0; \{18, 9^2, 6^4, 3^8, 2^3\})$	73728
18	$\mathcal{O}(0; \{18, 9^2, 6^5, 2^{12}\})$	576
18	$\mathcal{O}(0; \{18, 9^2, 6^5, 3^3, 2^8\})$	4608
18	$\mathcal{O}(0; \{18, 9^2, 6^5, 3^6, 2^4\})$	36864
18	$\mathcal{O}(0; \{18, 9^2, 6^5, 3^9\})$	294912
18	$\mathcal{O}(0; \{18, 9^2, 6^6, 3, 2^9\})$	2304
18	$\mathcal{O}(0; \{18, 9^2, 6^6, 3^4, 2^5\})$	18432
18	$\mathcal{O}(0; \{18, 9^2, 6^6, 3^7, 2\})$	147456
18	$\mathcal{O}(0; \{18, 9^2, 6^7, 3^2, 2^6\})$	9216
18	$\mathcal{O}(0; \{18, 9^2, 6^7, 3^5, 2^2\})$	73728
18	$\mathcal{O}(0; \{18, 9^2, 6^8, 2^7\})$	4608
18	$\mathcal{O}(0; \{18, 9^2, 6^8, 3^3, 2^3\})$	36864
18	$\mathcal{O}(0; \{18, 9^2, 6^9, 3, 2^4\})$	18432
18	$\mathcal{O}(0; \{18, 9^2, 6^9, 3^4\})$	147456
18	$\mathcal{O}(0; \{18, 9^2, 6^{10}, 3^2, 2\})$	73728
18	$\mathcal{O}(0; \{18, 9^2, 6^{11}, 2^2\})$	36864
18	$\mathcal{O}(0; \{18, 9^5, 2^{15}\})$	5346
18	$\mathcal{O}(0; \{18, 9^5, 3^3, 2^{11}\})$	42768
18	$\mathcal{O}(0; \{18, 9^5, 3^6, 2^7\})$	342144
18	$\mathcal{O}(0; \{18, 9^5, 3^9, 2^3\})$	2737152
18	$\mathcal{O}(0; \{18, 9^5, 6, 3, 2^{12}\})$	21384
18	$\mathcal{O}(0; \{18, 9^5, 6, 3^4, 2^8\})$	171072
18	$\mathcal{O}(0; \{18, 9^5, 6, 3^7, 2^4\})$	1368576
18	$\mathcal{O}(0; \{18, 9^5, 6, 3^{10}\})$	10948608

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18, 9^5, 6^2, 3^2, 2^9\})$	85536
18	$\mathcal{O}(0; \{18, 9^5, 6^2, 3^5, 2^5\})$	684288
18	$\mathcal{O}(0; \{18, 9^5, 6^2, 3^8, 2\})$	5474304
18	$\mathcal{O}(0; \{18, 9^5, 6^3, 2^{10}\})$	42768
18	$\mathcal{O}(0; \{18, 9^5, 6^3, 3^3, 2^6\})$	342144
18	$\mathcal{O}(0; \{18, 9^5, 6^3, 3^6, 2^2\})$	2737152
18	$\mathcal{O}(0; \{18, 9^5, 6^4, 3, 2^7\})$	171072
18	$\mathcal{O}(0; \{18, 9^5, 6^4, 3^4, 2^3\})$	1368576
18	$\mathcal{O}(0; \{18, 9^5, 6^5, 3^2, 2^4\})$	684288
18	$\mathcal{O}(0; \{18, 9^5, 6^5, 3^5\})$	5474304
18	$\mathcal{O}(0; \{18, 9^5, 6^6, 2^5\})$	342144
18	$\mathcal{O}(0; \{18, 9^5, 6^6, 3^3, 2\})$	2737152
18	$\mathcal{O}(0; \{18, 9^5, 6^7, 3, 2^2\})$	1368576
18	$\mathcal{O}(0; \{18, 9^5, 6^9\})$	2737152
18	$\mathcal{O}(0; \{18, 9^8, 3^2, 2^7\})$	4461480
18	$\mathcal{O}(0; \{18, 9^8, 3^5, 2^3\})$	35691840
18	$\mathcal{O}(0; \{18, 9^8, 6, 2^8\})$	2230740
18	$\mathcal{O}(0; \{18, 9^8, 6, 3^3, 2^4\})$	17845920
18	$\mathcal{O}(0; \{18, 9^8, 6, 3^6\})$	142767360
18	$\mathcal{O}(0; \{18, 9^8, 6^2, 3, 2^5\})$	8922960
18	$\mathcal{O}(0; \{18, 9^8, 6^2, 3^4, 2\})$	71383680
18	$\mathcal{O}(0; \{18, 9^8, 6^3, 3^2, 2^2\})$	35691840
18	$\mathcal{O}(0; \{18, 9^8, 6^4, 2^3\})$	17845920
18	$\mathcal{O}(0; \{18, 9^8, 6^5, 3\})$	71383680
18	$\mathcal{O}(0; \{18, 9^{11}, 3, 2^3\})$	483965604
18	$\mathcal{O}(0; \{18, 9^{11}, 6, 3^2\})$	1935862416
18	$\mathcal{O}(0; \{18, 9^{11}, 6^2, 2\})$	967931208
18	$\mathcal{O}(0; \{18^2, 2^{22}\})$	6
18	$\mathcal{O}(0; \{18^2, 3^3, 2^{18}\})$	48
18	$\mathcal{O}(0; \{18^2, 3^6, 2^{14}\})$	384
18	$\mathcal{O}(0; \{18^2, 3^9, 2^{10}\})$	3072
18	$\mathcal{O}(0; \{18^2, 3^{12}, 2^6\})$	24576
18	$\mathcal{O}(0; \{18^2, 3^{15}, 2^2\})$	196608
18	$\mathcal{O}(0; \{18^2, 6, 3, 2^{19}\})$	24
18	$\mathcal{O}(0; \{18^2, 6, 3^4, 2^{15}\})$	192
18	$\mathcal{O}(0; \{18^2, 6, 3^7, 2^{11}\})$	1536
18	$\mathcal{O}(0; \{18^2, 6, 3^{10}, 2^7\})$	12288
18	$\mathcal{O}(0; \{18^2, 6, 3^{13}, 2^3\})$	98304
18	$\mathcal{O}(0; \{18^2, 6^2, 3^2, 2^{16}\})$	96
18	$\mathcal{O}(0; \{18^2, 6^2, 3^5, 2^{12}\})$	768
18	$\mathcal{O}(0; \{18^2, 6^2, 3^8, 2^8\})$	6144
18	$\mathcal{O}(0; \{18^2, 6^2, 3^{11}, 2^4\})$	49152
18	$\mathcal{O}(0; \{18^2, 6^2, 3^{14}\})$	393216

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^2, 6^3, 2^{17}\})$	48
18	$\mathcal{O}(0; \{18^2, 6^3, 3^3, 2^{13}\})$	384
18	$\mathcal{O}(0; \{18^2, 6^3, 3^6, 2^9\})$	3072
18	$\mathcal{O}(0; \{18^2, 6^3, 3^9, 2^5\})$	24576
18	$\mathcal{O}(0; \{18^2, 6^3, 3^{12}, 2\})$	196608
18	$\mathcal{O}(0; \{18^2, 6^4, 3, 2^{14}\})$	192
18	$\mathcal{O}(0; \{18^2, 6^4, 3^4, 2^{10}\})$	1536
18	$\mathcal{O}(0; \{18^2, 6^4, 3^7, 2^6\})$	12288
18	$\mathcal{O}(0; \{18^2, 6^4, 3^{10}, 2^2\})$	98304
18	$\mathcal{O}(0; \{18^2, 6^5, 3^2, 2^{11}\})$	768
18	$\mathcal{O}(0; \{18^2, 6^5, 3^5, 2^7\})$	6144
18	$\mathcal{O}(0; \{18^2, 6^5, 3^8, 2^3\})$	49152
18	$\mathcal{O}(0; \{18^2, 6^6, 2^{12}\})$	384
18	$\mathcal{O}(0; \{18^2, 6^6, 3^3, 2^8\})$	3072
18	$\mathcal{O}(0; \{18^2, 6^6, 3^6, 2^4\})$	24576
18	$\mathcal{O}(0; \{18^2, 6^6, 3^9\})$	196608
18	$\mathcal{O}(0; \{18^2, 6^7, 3, 2^9\})$	1536
18	$\mathcal{O}(0; \{18^2, 6^7, 3^4, 2^5\})$	12288
18	$\mathcal{O}(0; \{18^2, 6^7, 3^7, 2\})$	98304
18	$\mathcal{O}(0; \{18^2, 6^8, 3^2, 2^6\})$	6144
18	$\mathcal{O}(0; \{18^2, 6^8, 3^5, 2^2\})$	49152
18	$\mathcal{O}(0; \{18^2, 6^9, 2^7\})$	3072
18	$\mathcal{O}(0; \{18^2, 6^9, 3^3, 2^3\})$	24576
18	$\mathcal{O}(0; \{18^2, 6^{10}, 3, 2^4\})$	12288
18	$\mathcal{O}(0; \{18^2, 6^{10}, 3^4\})$	98304
18	$\mathcal{O}(0; \{18^2, 6^{11}, 3^2, 2\})$	49152
18	$\mathcal{O}(0; \{18^2, 6^{12}, 2^2\})$	24576
18	$\mathcal{O}(0; \{18^2, 9^3, 3^2, 2^{14}\})$	3240
18	$\mathcal{O}(0; \{18^2, 9^3, 3^5, 2^{10}\})$	25920
18	$\mathcal{O}(0; \{18^2, 9^3, 3^8, 2^6\})$	207360
18	$\mathcal{O}(0; \{18^2, 9^3, 3^{11}, 2^2\})$	1658880
18	$\mathcal{O}(0; \{18^2, 9^3, 6, 2^{15}\})$	1620
18	$\mathcal{O}(0; \{18^2, 9^3, 6, 3^3, 2^{11}\})$	12960
18	$\mathcal{O}(0; \{18^2, 9^3, 6, 3^6, 2^7\})$	103680
18	$\mathcal{O}(0; \{18^2, 9^3, 6, 3^9, 2^3\})$	829440
18	$\mathcal{O}(0; \{18^2, 9^3, 6^2, 3, 2^{12}\})$	6480
18	$\mathcal{O}(0; \{18^2, 9^3, 6^2, 3^4, 2^8\})$	51840
18	$\mathcal{O}(0; \{18^2, 9^3, 6^2, 3^7, 2^4\})$	414720
18	$\mathcal{O}(0; \{18^2, 9^3, 6^2, 3^{10}\})$	3317760
18	$\mathcal{O}(0; \{18^2, 9^3, 6^3, 3^2, 2^9\})$	25920
18	$\mathcal{O}(0; \{18^2, 9^3, 6^3, 3^5, 2^5\})$	207360
18	$\mathcal{O}(0; \{18^2, 9^3, 6^3, 3^8, 2\})$	1658880
18	$\mathcal{O}(0; \{18^2, 9^3, 6^4, 2^{10}\})$	12960

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^2, 9^3, 6^4, 3^3, 2^6\})$	103680
18	$\mathcal{O}(0; \{18^2, 9^3, 6^4, 3^6, 2^2\})$	829440
18	$\mathcal{O}(0; \{18^2, 9^3, 6^5, 3, 2^7\})$	51840
18	$\mathcal{O}(0; \{18^2, 9^3, 6^5, 3^4, 2^3\})$	414720
18	$\mathcal{O}(0; \{18^2, 9^3, 6^6, 3^2, 2^4\})$	207360
18	$\mathcal{O}(0; \{18^2, 9^3, 6^6, 3^5\})$	1658880
18	$\mathcal{O}(0; \{18^2, 9^3, 6^7, 2^5\})$	103680
18	$\mathcal{O}(0; \{18^2, 9^3, 6^7, 3^3, 2\})$	829440
18	$\mathcal{O}(0; \{18^2, 9^3, 6^8, 3, 2^2\})$	414720
18	$\mathcal{O}(0; \{18^2, 9^3, 6^{10}\})$	829440
18	$\mathcal{O}(0; \{18^2, 9^6, 3, 2^{10}\})$	376164
18	$\mathcal{O}(0; \{18^2, 9^6, 3^4, 2^6\})$	3009312
18	$\mathcal{O}(0; \{18^2, 9^6, 3^7, 2^2\})$	24074496
18	$\mathcal{O}(0; \{18^2, 9^6, 6, 3^2, 2^7\})$	1504656
18	$\mathcal{O}(0; \{18^2, 9^6, 6, 3^5, 2^3\})$	12037248
18	$\mathcal{O}(0; \{18^2, 9^6, 6^2, 2^8\})$	752328
18	$\mathcal{O}(0; \{18^2, 9^6, 6^2, 3^3, 2^4\})$	6018624
18	$\mathcal{O}(0; \{18^2, 9^6, 6^2, 3^6\})$	48148992
18	$\mathcal{O}(0; \{18^2, 9^6, 6^3, 3, 2^5\})$	3009312
18	$\mathcal{O}(0; \{18^2, 9^6, 6^3, 3^4, 2\})$	24074496
18	$\mathcal{O}(0; \{18^2, 9^6, 6^4, 3^2, 2^2\})$	12037248
18	$\mathcal{O}(0; \{18^2, 9^6, 6^5, 2^3\})$	6018624
18	$\mathcal{O}(0; \{18^2, 9^6, 6^6, 3\})$	24074496
18	$\mathcal{O}(0; \{18^2, 9^9, 2^6\})$	40271418
18	$\mathcal{O}(0; \{18^2, 9^9, 3^3, 2^2\})$	322171344
18	$\mathcal{O}(0; \{18^2, 9^9, 6, 3, 2^3\})$	161085672
18	$\mathcal{O}(0; \{18^2, 9^9, 6^2, 3^2\})$	644342688
18	$\mathcal{O}(0; \{18^2, 9^9, 6^3, 2\})$	322171344
18	$\mathcal{O}(0; \{18^3, 9, 3, 2^{17}\})$	324
18	$\mathcal{O}(0; \{18^3, 9, 3^4, 2^{13}\})$	2592
18	$\mathcal{O}(0; \{18^3, 9, 3^7, 2^9\})$	20736
18	$\mathcal{O}(0; \{18^3, 9, 3^{10}, 2^5\})$	165888
18	$\mathcal{O}(0; \{18^3, 9, 3^{13}, 2\})$	1327104
18	$\mathcal{O}(0; \{18^3, 9, 6, 3^2, 2^{14}\})$	1296
18	$\mathcal{O}(0; \{18^3, 9, 6, 3^5, 2^{10}\})$	10368
18	$\mathcal{O}(0; \{18^3, 9, 6, 3^8, 2^6\})$	82944
18	$\mathcal{O}(0; \{18^3, 9, 6, 3^{11}, 2^2\})$	663552
18	$\mathcal{O}(0; \{18^3, 9, 6^2, 2^{15}\})$	648
18	$\mathcal{O}(0; \{18^3, 9, 6^2, 3^3, 2^{11}\})$	5184
18	$\mathcal{O}(0; \{18^3, 9, 6^2, 3^6, 2^7\})$	41472
18	$\mathcal{O}(0; \{18^3, 9, 6^2, 3^9, 2^3\})$	331776
18	$\mathcal{O}(0; \{18^3, 9, 6^3, 3, 2^{12}\})$	2592
18	$\mathcal{O}(0; \{18^3, 9, 6^3, 3^4, 2^8\})$	20736

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^3, 9, 6^3, 3^7, 2^4\})$	165888
18	$\mathcal{O}(0; \{18^3, 9, 6^3, 3^{10}\})$	1327104
18	$\mathcal{O}(0; \{18^3, 9, 6^4, 3^2, 2^9\})$	10368
18	$\mathcal{O}(0; \{18^3, 9, 6^4, 3^5, 2^5\})$	82944
18	$\mathcal{O}(0; \{18^3, 9, 6^4, 3^8, 2\})$	663552
18	$\mathcal{O}(0; \{18^3, 9, 6^5, 2^{10}\})$	5184
18	$\mathcal{O}(0; \{18^3, 9, 6^5, 3^3, 2^6\})$	41472
18	$\mathcal{O}(0; \{18^3, 9, 6^5, 3^6, 2^2\})$	331776
18	$\mathcal{O}(0; \{18^3, 9, 6^6, 3, 2^7\})$	20736
18	$\mathcal{O}(0; \{18^3, 9, 6^6, 3^4, 2^3\})$	165888
18	$\mathcal{O}(0; \{18^3, 9, 6^7, 3^2, 2^4\})$	82944
18	$\mathcal{O}(0; \{18^3, 9, 6^7, 3^5\})$	663552
18	$\mathcal{O}(0; \{18^3, 9, 6^8, 2^5\})$	41472
18	$\mathcal{O}(0; \{18^3, 9, 6^8, 3^3, 2\})$	331776
18	$\mathcal{O}(0; \{18^3, 9, 6^9, 3, 2^2\})$	165888
18	$\mathcal{O}(0; \{18^3, 9, 6^{11}\})$	331776
18	$\mathcal{O}(0; \{18^3, 9^4, 2^{13}\})$	30618
18	$\mathcal{O}(0; \{18^3, 9^4, 3^3, 2^9\})$	244944
18	$\mathcal{O}(0; \{18^3, 9^4, 3^6, 2^5\})$	1959552
18	$\mathcal{O}(0; \{18^3, 9^4, 3^9, 2\})$	15676416
18	$\mathcal{O}(0; \{18^3, 9^4, 6, 3, 2^{10}\})$	122472
18	$\mathcal{O}(0; \{18^3, 9^4, 6, 3^4, 2^6\})$	979776
18	$\mathcal{O}(0; \{18^3, 9^4, 6, 3^7, 2^2\})$	7838208
18	$\mathcal{O}(0; \{18^3, 9^4, 6^2, 3^2, 2^7\})$	489888
18	$\mathcal{O}(0; \{18^3, 9^4, 6^2, 3^5, 2^3\})$	3919104
18	$\mathcal{O}(0; \{18^3, 9^4, 6^3, 2^8\})$	244944
18	$\mathcal{O}(0; \{18^3, 9^4, 6^3, 3^3, 2^4\})$	1959552
18	$\mathcal{O}(0; \{18^3, 9^4, 6^3, 3^6\})$	15676416
18	$\mathcal{O}(0; \{18^3, 9^4, 6^4, 3, 2^5\})$	979776
18	$\mathcal{O}(0; \{18^3, 9^4, 6^4, 3^4, 2\})$	7838208
18	$\mathcal{O}(0; \{18^3, 9^4, 6^5, 3^2, 2^2\})$	3919104
18	$\mathcal{O}(0; \{18^3, 9^4, 6^6, 2^3\})$	1959552
18	$\mathcal{O}(0; \{18^3, 9^4, 6^7, 3\})$	7838208
18	$\mathcal{O}(0; \{18^3, 9^7, 3^2, 2^5\})$	26926344
18	$\mathcal{O}(0; \{18^3, 9^7, 3^5, 2\})$	215410752
18	$\mathcal{O}(0; \{18^3, 9^7, 6, 2^6\})$	13463172
18	$\mathcal{O}(0; \{18^3, 9^7, 6, 3^3, 2^2\})$	107705376
18	$\mathcal{O}(0; \{18^3, 9^7, 6^2, 3, 2^3\})$	53852688
18	$\mathcal{O}(0; \{18^3, 9^7, 6^3, 3^2\})$	215410752
18	$\mathcal{O}(0; \{18^3, 9^7, 6^4, 2\})$	107705376
18	$\mathcal{O}(0; \{18^3, 9^{10}, 3, 2\})$	2901667860
18	$\mathcal{O}(0; \{18^4, 9^2, 3^2, 2^{12}\})$	21384
18	$\mathcal{O}(0; \{18^4, 9^2, 3^5, 2^8\})$	171072

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^4, 9^2, 3^8, 2^4\})$	1368576
18	$\mathcal{O}(0; \{18^4, 9^2, 3^{11}\})$	10948608
18	$\mathcal{O}(0; \{18^4, 9^2, 6, 2^{13}\})$	10692
18	$\mathcal{O}(0; \{18^4, 9^2, 6, 3^3, 2^9\})$	85536
18	$\mathcal{O}(0; \{18^4, 9^2, 6, 3^6, 2^5\})$	684288
18	$\mathcal{O}(0; \{18^4, 9^2, 6, 3^9, 2\})$	5474304
18	$\mathcal{O}(0; \{18^4, 9^2, 6^2, 3, 2^{10}\})$	42768
18	$\mathcal{O}(0; \{18^4, 9^2, 6^2, 3^4, 2^6\})$	342144
18	$\mathcal{O}(0; \{18^4, 9^2, 6^2, 3^7, 2^2\})$	2737152
18	$\mathcal{O}(0; \{18^4, 9^2, 6^3, 3^2, 2^7\})$	171072
18	$\mathcal{O}(0; \{18^4, 9^2, 6^3, 3^5, 2^3\})$	1368576
18	$\mathcal{O}(0; \{18^4, 9^2, 6^4, 2^8\})$	85536
18	$\mathcal{O}(0; \{18^4, 9^2, 6^4, 3^3, 2^4\})$	684288
18	$\mathcal{O}(0; \{18^4, 9^2, 6^4, 3^6\})$	5474304
18	$\mathcal{O}(0; \{18^4, 9^2, 6^5, 3, 2^5\})$	342144
18	$\mathcal{O}(0; \{18^4, 9^2, 6^5, 3^4, 2\})$	2737152
18	$\mathcal{O}(0; \{18^4, 9^2, 6^6, 3^2, 2^2\})$	1368576
18	$\mathcal{O}(0; \{18^4, 9^2, 6^7, 2^3\})$	684288
18	$\mathcal{O}(0; \{18^4, 9^2, 6^8, 3\})$	2737152
18	$\mathcal{O}(0; \{18^4, 9^5, 3, 2^8\})$	2230740
18	$\mathcal{O}(0; \{18^4, 9^5, 3^4, 2^4\})$	17845920
18	$\mathcal{O}(0; \{18^4, 9^5, 3^7\})$	142767360
18	$\mathcal{O}(0; \{18^4, 9^5, 6, 3^2, 2^5\})$	8922960
18	$\mathcal{O}(0; \{18^4, 9^5, 6, 3^5, 2\})$	71383680
18	$\mathcal{O}(0; \{18^4, 9^5, 6^2, 2^6\})$	4461480
18	$\mathcal{O}(0; \{18^4, 9^5, 6^2, 3^3, 2^2\})$	35691840
18	$\mathcal{O}(0; \{18^4, 9^5, 6^3, 3, 2^3\})$	17845920
18	$\mathcal{O}(0; \{18^4, 9^5, 6^4, 3^2\})$	71383680
18	$\mathcal{O}(0; \{18^4, 9^5, 6^5, 2\})$	35691840
18	$\mathcal{O}(0; \{18^4, 9^8, 2^4\})$	241982802
18	$\mathcal{O}(0; \{18^4, 9^8, 3^3\})$	1935862416
18	$\mathcal{O}(0; \{18^4, 9^8, 6, 3, 2\})$	967931208
18	$\mathcal{O}(0; \{18^5, 3, 2^{15}\})$	1620
18	$\mathcal{O}(0; \{18^5, 3^4, 2^{11}\})$	12960
18	$\mathcal{O}(0; \{18^5, 3^7, 2^7\})$	103680
18	$\mathcal{O}(0; \{18^5, 3^{10}, 2^3\})$	829440
18	$\mathcal{O}(0; \{18^5, 6, 3^2, 2^{12}\})$	6480
18	$\mathcal{O}(0; \{18^5, 6, 3^5, 2^8\})$	51840
18	$\mathcal{O}(0; \{18^5, 6, 3^8, 2^4\})$	414720
18	$\mathcal{O}(0; \{18^5, 6, 3^{11}\})$	3317760
18	$\mathcal{O}(0; \{18^5, 6^2, 2^{13}\})$	3240
18	$\mathcal{O}(0; \{18^5, 6^2, 3^3, 2^9\})$	25920
18	$\mathcal{O}(0; \{18^5, 6^2, 3^6, 2^5\})$	207360

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^5, 6^2, 3^9, 2\})$	1658880
18	$\mathcal{O}(0; \{18^5, 6^3, 3, 2^{10}\})$	12960
18	$\mathcal{O}(0; \{18^5, 6^3, 3^4, 2^6\})$	103680
18	$\mathcal{O}(0; \{18^5, 6^3, 3^7, 2^2\})$	829440
18	$\mathcal{O}(0; \{18^5, 6^4, 3^2, 2^7\})$	51840
18	$\mathcal{O}(0; \{18^5, 6^4, 3^5, 2^3\})$	414720
18	$\mathcal{O}(0; \{18^5, 6^5, 2^8\})$	25920
18	$\mathcal{O}(0; \{18^5, 6^5, 3^3, 2^4\})$	207360
18	$\mathcal{O}(0; \{18^5, 6^5, 3^6\})$	1658880
18	$\mathcal{O}(0; \{18^5, 6^6, 3, 2^5\})$	103680
18	$\mathcal{O}(0; \{18^5, 6^6, 3^4, 2\})$	829440
18	$\mathcal{O}(0; \{18^5, 6^7, 3^2, 2^2\})$	414720
18	$\mathcal{O}(0; \{18^5, 6^8, 2^3\})$	207360
18	$\mathcal{O}(0; \{18^5, 6^9, 3\})$	829440
18	$\mathcal{O}(0; \{18^5, 9^3, 2^{11}\})$	188082
18	$\mathcal{O}(0; \{18^5, 9^3, 3^3, 2^7\})$	1504656
18	$\mathcal{O}(0; \{18^5, 9^3, 3^6, 2^3\})$	12037248
18	$\mathcal{O}(0; \{18^5, 9^3, 6, 3, 2^8\})$	752328
18	$\mathcal{O}(0; \{18^5, 9^3, 6, 3^4, 2^4\})$	6018624
18	$\mathcal{O}(0; \{18^5, 9^3, 6, 3^7\})$	48148992
18	$\mathcal{O}(0; \{18^5, 9^3, 6^2, 3^2, 2^5\})$	3009312
18	$\mathcal{O}(0; \{18^5, 9^3, 6^2, 3^5, 2\})$	24074496
18	$\mathcal{O}(0; \{18^5, 9^3, 6^3, 2^6\})$	1504656
18	$\mathcal{O}(0; \{18^5, 9^3, 6^3, 3^3, 2^2\})$	12037248
18	$\mathcal{O}(0; \{18^5, 9^3, 6^4, 3, 2^3\})$	6018624
18	$\mathcal{O}(0; \{18^5, 9^3, 6^5, 3^2\})$	24074496
18	$\mathcal{O}(0; \{18^5, 9^3, 6^6, 2\})$	12037248
18	$\mathcal{O}(0; \{18^5, 9^6, 3^2, 2^3\})$	161085672
18	$\mathcal{O}(0; \{18^5, 9^6, 6, 2^4\})$	80542836
18	$\mathcal{O}(0; \{18^5, 9^6, 6, 3^3\})$	644342688
18	$\mathcal{O}(0; \{18^5, 9^6, 6^2, 3, 2\})$	322171344
18	$\mathcal{O}(0; \{18^6, 9, 3^2, 2^{10}\})$	122472
18	$\mathcal{O}(0; \{18^6, 9, 3^5, 2^6\})$	979776
18	$\mathcal{O}(0; \{18^6, 9, 3^8, 2^2\})$	7838208
18	$\mathcal{O}(0; \{18^6, 9, 6, 2^{11}\})$	61236
18	$\mathcal{O}(0; \{18^6, 9, 6, 3^3, 2^7\})$	489888
18	$\mathcal{O}(0; \{18^6, 9, 6, 3^6, 2^3\})$	3919104
18	$\mathcal{O}(0; \{18^6, 9, 6^2, 3, 2^8\})$	244944
18	$\mathcal{O}(0; \{18^6, 9, 6^2, 3^4, 2^4\})$	1959552
18	$\mathcal{O}(0; \{18^6, 9, 6^2, 3^7\})$	15676416
18	$\mathcal{O}(0; \{18^6, 9, 6^3, 3^2, 2^5\})$	979776
18	$\mathcal{O}(0; \{18^6, 9, 6^3, 3^5, 2\})$	7838208
18	$\mathcal{O}(0; \{18^6, 9, 6^4, 2^6\})$	489888

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^6, 9, 6^4, 3^3, 2^2\})$	3919104
18	$\mathcal{O}(0; \{18^6, 9, 6^5, 3, 2^3\})$	1959552
18	$\mathcal{O}(0; \{18^6, 9, 6^6, 3^2\})$	7838208
18	$\mathcal{O}(0; \{18^6, 9, 6^7, 2\})$	3919104
18	$\mathcal{O}(0; \{18^6, 9^4, 3, 2^6\})$	13463172
18	$\mathcal{O}(0; \{18^6, 9^4, 3^4, 2^2\})$	107705376
18	$\mathcal{O}(0; \{18^6, 9^4, 6, 3^2, 2^3\})$	53852688
18	$\mathcal{O}(0; \{18^6, 9^4, 6^2, 2^4\})$	26926344
18	$\mathcal{O}(0; \{18^6, 9^4, 6^2, 3^3\})$	215410752
18	$\mathcal{O}(0; \{18^6, 9^4, 6^3, 3, 2\})$	107705376
18	$\mathcal{O}(0; \{18^6, 9^7, 2^2\})$	1450833930
18	$\mathcal{O}(0; \{18^7, 9^2, 2^9\})$	1115370
18	$\mathcal{O}(0; \{18^7, 9^2, 3^3, 2^5\})$	8922960
18	$\mathcal{O}(0; \{18^7, 9^2, 3^6, 2\})$	71383680
18	$\mathcal{O}(0; \{18^7, 9^2, 6, 3, 2^6\})$	4461480
18	$\mathcal{O}(0; \{18^7, 9^2, 6, 3^4, 2^2\})$	35691840
18	$\mathcal{O}(0; \{18^7, 9^2, 6^2, 3^2, 2^3\})$	17845920
18	$\mathcal{O}(0; \{18^7, 9^2, 6^3, 2^4\})$	8922960
18	$\mathcal{O}(0; \{18^7, 9^2, 6^3, 3^3\})$	71383680
18	$\mathcal{O}(0; \{18^7, 9^2, 6^4, 3, 2\})$	35691840
18	$\mathcal{O}(0; \{18^7, 9^5, 3^2, 2\})$	967931208
18	$\mathcal{O}(0; \{18^7, 9^5, 6, 2^2\})$	483965604
18	$\mathcal{O}(0; \{18^8, 3^2, 2^8\})$	752328
18	$\mathcal{O}(0; \{18^8, 3^5, 2^4\})$	6018624
18	$\mathcal{O}(0; \{18^8, 3^8\})$	48148992
18	$\mathcal{O}(0; \{18^8, 6, 2^9\})$	376164
18	$\mathcal{O}(0; \{18^8, 6, 3^3, 2^5\})$	3009312
18	$\mathcal{O}(0; \{18^8, 6, 3^6, 2\})$	24074496
18	$\mathcal{O}(0; \{18^8, 6^2, 3, 2^6\})$	1504656
18	$\mathcal{O}(0; \{18^8, 6^2, 3^4, 2^2\})$	12037248
18	$\mathcal{O}(0; \{18^8, 6^3, 3^2, 2^3\})$	6018624
18	$\mathcal{O}(0; \{18^8, 6^4, 2^4\})$	3009312
18	$\mathcal{O}(0; \{18^8, 6^4, 3^3\})$	24074496
18	$\mathcal{O}(0; \{18^8, 6^5, 3, 2\})$	12037248
18	$\mathcal{O}(0; \{18^8, 9^3, 3, 2^4\})$	80542836
18	$\mathcal{O}(0; \{18^8, 9^3, 3^4\})$	644342688
18	$\mathcal{O}(0; \{18^8, 9^3, 6, 3^2, 2\})$	322171344
18	$\mathcal{O}(0; \{18^8, 9^3, 6^2, 2^2\})$	161085672
18	$\mathcal{O}(0; \{18^8, 9^6\})$	8708192226
18	$\mathcal{O}(0; \{18^9, 9, 2^7\})$	6731586
18	$\mathcal{O}(0; \{18^9, 9, 3^3, 2^3\})$	53852688
18	$\mathcal{O}(0; \{18^9, 9, 6, 3, 2^4\})$	26926344
18	$\mathcal{O}(0; \{18^9, 9, 6, 3^4\})$	215410752

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^9, 9, 6^2, 3^2, 2\})$	107705376
18	$\mathcal{O}(0; \{18^9, 9, 6^3, 2^2\})$	53852688
18	$\mathcal{O}(0; \{18^9, 9^4, 6\})$	2901667860
18	$\mathcal{O}(0; \{18^{10}, 9^2, 3, 2^2\})$	483965604
18	$\mathcal{O}(0; \{18^{10}, 9^2, 6^2\})$	967931208
18	$\mathcal{O}(0; \{18^{11}, 2^5\})$	40271418
18	$\mathcal{O}(0; \{18^{11}, 3^3, 2\})$	322171344
18	$\mathcal{O}(0; \{18^{11}, 6, 3, 2^2\})$	161085672
18	$\mathcal{O}(0; \{18^{11}, 6^3\})$	322171344
18	$\mathcal{O}(0; \{18^{12}, 9, 3\})$	2901667860
19	$\mathcal{O}(0; \{19^{13}\})$	1095945519245850
20	$\mathcal{O}(5; \{10^2\})$	4092000000000
20	$\mathcal{O}(4; \{10, 5^3, 2\})$	1326000000000
20	$\mathcal{O}(4; \{10^2, 2^4\})$	1020000000000
20	$\mathcal{O}(4; \{10^2, 4^2, 2\})$	2048000000000
20	$\mathcal{O}(4; \{20, 5^2, 4, 2\})$	6144000000000
20	$\mathcal{O}(4; \{20^2, 10, 2^2\})$	6144000000000
20	$\mathcal{O}(4; \{20^4\})$	106496000000000
20	$\mathcal{O}(3; \{5^6, 2^2\})$	5166000000000
20	$\mathcal{O}(3; \{10, 5^3, 2^5\})$	3276000000000
20	$\mathcal{O}(3; \{10, 5^3, 4^2, 2^2\})$	6656000000000
20	$\mathcal{O}(3; \{10^2, 2^8\})$	2520000000000
20	$\mathcal{O}(3; \{10^2, 4^2, 2^5\})$	5120000000000
20	$\mathcal{O}(3; \{10^2, 4^4, 2^2\})$	2048000000000
20	$\mathcal{O}(3; \{10^2, 5^5\})$	2063880000000
20	$\mathcal{O}(3; \{10^3, 5^2, 2^3\})$	1285200000000
20	$\mathcal{O}(3; \{10^3, 5^2, 4^2\})$	2611200000000
20	$\mathcal{O}(3; \{10^5, 5, 2\})$	5166000000000
20	$\mathcal{O}(3; \{20, 5^2, 4, 2^5\})$	1536000000000
20	$\mathcal{O}(3; \{20, 5^2, 4^3, 2^2\})$	6144000000000
20	$\mathcal{O}(3; \{20, 10, 5^4, 4\})$	1049600000000
20	$\mathcal{O}(3; \{20, 10^2, 5, 4, 2^3\})$	6656000000000
20	$\mathcal{O}(3; \{20, 10^2, 5, 4^3\})$	2662400000000
20	$\mathcal{O}(3; \{20, 10^4, 4, 2\})$	2611200000000
20	$\mathcal{O}(3; \{20^2, 5^3, 2^3\})$	2611200000000
20	$\mathcal{O}(3; \{20^2, 5^3, 4^2\})$	1044480000000
20	$\mathcal{O}(3; \{20^2, 10, 2^6\})$	1536000000000
20	$\mathcal{O}(3; \{20^2, 10, 4^2, 2^3\})$	6144000000000
20	$\mathcal{O}(3; \{20^2, 10, 4^4\})$	2457600000000
20	$\mathcal{O}(3; \{20^2, 10^2, 5^2, 2\})$	1049600000000
20	$\mathcal{O}(3; \{20^3, 10, 5, 4, 2\})$	1044480000000
20	$\mathcal{O}(3; \{20^4, 2^4\})$	2662400000000
20	$\mathcal{O}(3; \{20^4, 4^2, 2\})$	1064960000000

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(2; \{5^6, 2^6\})$	123000000
20	$\mathcal{O}(2; \{5^6, 4^2, 2^3\})$	262400000
20	$\mathcal{O}(2; \{5^6, 4^4\})$	1049600000
20	$\mathcal{O}(2; \{10, 5^3, 2^9\})$	7800000
20	$\mathcal{O}(2; \{10, 5^3, 4^2, 2^6\})$	16640000
20	$\mathcal{O}(2; \{10, 5^3, 4^4, 2^3\})$	66560000
20	$\mathcal{O}(2; \{10, 5^3, 4^6\})$	266240000
20	$\mathcal{O}(2; \{10, 5^8, 2\})$	7864200000
20	$\mathcal{O}(2; \{10^2, 2^{12}\})$	600000
20	$\mathcal{O}(2; \{10^2, 4^2, 2^9\})$	1280000
20	$\mathcal{O}(2; \{10^2, 4^4, 2^6\})$	5120000
20	$\mathcal{O}(2; \{10^2, 4^6, 2^3\})$	20480000
20	$\mathcal{O}(2; \{10^2, 4^8\})$	81920000
20	$\mathcal{O}(2; \{10^2, 5^5, 2^4\})$	491400000
20	$\mathcal{O}(2; \{10^2, 5^5, 4^2, 2\})$	1048320000
20	$\mathcal{O}(2; \{10^3, 5^2, 2^7\})$	30600000
20	$\mathcal{O}(2; \{10^3, 5^2, 4^2, 2^4\})$	65280000
20	$\mathcal{O}(2; \{10^3, 5^2, 4^4, 2\})$	261120000
20	$\mathcal{O}(2; \{10^4, 5^4, 2^2\})$	1966200000
20	$\mathcal{O}(2; \{10^5, 5, 2^5\})$	123000000
20	$\mathcal{O}(2; \{10^5, 5, 4^2, 2^2\})$	262400000
20	$\mathcal{O}(2; \{10^6, 5^3\})$	7864200000
20	$\mathcal{O}(2; \{10^7, 2^3\})$	491400000
20	$\mathcal{O}(2; \{10^7, 4^2\})$	1048320000
20	$\mathcal{O}(2; \{20, 5^2, 4, 2^9\})$	3840000
20	$\mathcal{O}(2; \{20, 5^2, 4^3, 2^6\})$	15360000
20	$\mathcal{O}(2; \{20, 5^2, 4^5, 2^3\})$	61440000
20	$\mathcal{O}(2; \{20, 5^2, 4^7\})$	245760000
20	$\mathcal{O}(2; \{20, 5^7, 4, 2\})$	4194560000
20	$\mathcal{O}(2; \{20, 10, 5^4, 4, 2^4\})$	262400000
20	$\mathcal{O}(2; \{20, 10, 5^4, 4^3, 2\})$	1049600000
20	$\mathcal{O}(2; \{20, 10^2, 5, 4, 2^7\})$	16640000
20	$\mathcal{O}(2; \{20, 10^2, 5, 4^3, 2^4\})$	66560000
20	$\mathcal{O}(2; \{20, 10^2, 5, 4^5, 2\})$	266240000
20	$\mathcal{O}(2; \{20, 10^3, 5^3, 4, 2^2\})$	1048320000
20	$\mathcal{O}(2; \{20, 10^4, 4, 2^5\})$	65280000
20	$\mathcal{O}(2; \{20, 10^4, 4^3, 2^2\})$	261120000
20	$\mathcal{O}(2; \{20, 10^5, 5^2, 4\})$	4194560000
20	$\mathcal{O}(2; \{20^2, 5^3, 2^7\})$	65280000
20	$\mathcal{O}(2; \{20^2, 5^3, 4^2, 2^4\})$	261120000
20	$\mathcal{O}(2; \{20^2, 5^3, 4^4, 2\})$	1044480000
20	$\mathcal{O}(2; \{20^2, 10, 2^{10}\})$	3840000
20	$\mathcal{O}(2; \{20^2, 10, 4^2, 2^7\})$	15360000

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(2; \{20^2, 10, 4^4, 2^4\})$	61440000
20	$\mathcal{O}(2; \{20^2, 10, 4^6, 2\})$	245760000
20	$\mathcal{O}(2; \{20^2, 10, 5^5, 2^2\})$	4194560000
20	$\mathcal{O}(2; \{20^2, 10^2, 5^2, 2^5\})$	262400000
20	$\mathcal{O}(2; \{20^2, 10^2, 5^2, 4^2, 2^2\})$	1049600000
20	$\mathcal{O}(2; \{20^2, 10^3, 5^4\})$	16776960000
20	$\mathcal{O}(2; \{20^2, 10^4, 5, 2^3\})$	1048320000
20	$\mathcal{O}(2; \{20^2, 10^4, 5, 4^2\})$	4193280000
20	$\mathcal{O}(2; \{20^2, 10^6, 2\})$	4194560000
20	$\mathcal{O}(2; \{20^3, 5^4, 4, 2^2\})$	4193280000
20	$\mathcal{O}(2; \{20^3, 10, 5, 4, 2^5\})$	261120000
20	$\mathcal{O}(2; \{20^3, 10, 5, 4^3, 2^2\})$	1044480000
20	$\mathcal{O}(2; \{20^3, 10^2, 5^3, 4\})$	16778240000
20	$\mathcal{O}(2; \{20^3, 10^3, 4, 2^3\})$	1049600000
20	$\mathcal{O}(2; \{20^3, 10^3, 4^3\})$	4198400000
20	$\mathcal{O}(2; \{20^4, 2^8\})$	66560000
20	$\mathcal{O}(2; \{20^4, 4^2, 2^5\})$	266240000
20	$\mathcal{O}(2; \{20^4, 4^4, 2^2\})$	1064960000
20	$\mathcal{O}(2; \{20^4, 5^5\})$	67107840000
20	$\mathcal{O}(2; \{20^4, 10, 5^2, 2^3\})$	4193280000
20	$\mathcal{O}(2; \{20^4, 10, 5^2, 4^2\})$	16773120000
20	$\mathcal{O}(2; \{20^4, 10^3, 5, 2\})$	16778240000
20	$\mathcal{O}(2; \{20^5, 5, 4, 2^3\})$	4198400000
20	$\mathcal{O}(2; \{20^5, 5, 4^3\})$	16793600000
20	$\mathcal{O}(2; \{20^5, 10^2, 4, 2\})$	16773120000
20	$\mathcal{O}(2; \{20^6, 5^2, 2\})$	67112960000
20	$\mathcal{O}(1; \{5^6, 2^{10}\})$	246000
20	$\mathcal{O}(1; \{5^6, 4^2, 2^7\})$	656000
20	$\mathcal{O}(1; \{5^6, 4^4, 2^4\})$	2624000
20	$\mathcal{O}(1; \{5^6, 4^6, 2\})$	10496000
20	$\mathcal{O}(1; \{5^{11}, 2^2\})$	251658000
20	$\mathcal{O}(1; \{10, 5^3, 2^{13}\})$	15600
20	$\mathcal{O}(1; \{10, 5^3, 4^2, 2^{10}\})$	41600
20	$\mathcal{O}(1; \{10, 5^3, 4^4, 2^7\})$	166400
20	$\mathcal{O}(1; \{10, 5^3, 4^6, 2^4\})$	665600
20	$\mathcal{O}(1; \{10, 5^3, 4^8, 2\})$	2662400
20	$\mathcal{O}(1; \{10, 5^8, 2^9\})$	15728400
20	$\mathcal{O}(1; \{10, 5^8, 4^2, 2^2\})$	41942400
20	$\mathcal{O}(1; \{10^2, 2^{16}\})$	1200
20	$\mathcal{O}(1; \{10^2, 4^2, 2^{13}\})$	3200
20	$\mathcal{O}(1; \{10^2, 4^4, 2^{10}\})$	12800
20	$\mathcal{O}(1; \{10^2, 4^6, 2^7\})$	51200
20	$\mathcal{O}(1; \{10^2, 4^8, 2^4\})$	204800

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{10^2, 4^{10}, 2\})$	819200
20	$\mathcal{O}(1; \{10^2, 5^5, 2^8\})$	982800
20	$\mathcal{O}(1; \{10^2, 5^5, 4^2, 2^5\})$	2620800
20	$\mathcal{O}(1; \{10^2, 5^5, 4^4, 2^2\})$	10483200
20	$\mathcal{O}(1; \{10^2, 5^{10}\})$	1006633200
20	$\mathcal{O}(1; \{10^3, 5^2, 2^{11}\})$	61200
20	$\mathcal{O}(1; \{10^3, 5^2, 4^2, 2^8\})$	163200
20	$\mathcal{O}(1; \{10^3, 5^2, 4^4, 2^5\})$	652800
20	$\mathcal{O}(1; \{10^3, 5^2, 4^6, 2^2\})$	2611200
20	$\mathcal{O}(1; \{10^3, 5^7, 2^3\})$	62914800
20	$\mathcal{O}(1; \{10^3, 5^7, 4^2\})$	167772800
20	$\mathcal{O}(1; \{10^4, 5^4, 2^6\})$	3932400
20	$\mathcal{O}(1; \{10^4, 5^4, 4^2, 2^3\})$	10486400
20	$\mathcal{O}(1; \{10^4, 5^4, 4^4\})$	41945600
20	$\mathcal{O}(1; \{10^5, 5, 2^9\})$	246000
20	$\mathcal{O}(1; \{10^5, 5, 4^2, 2^6\})$	656000
20	$\mathcal{O}(1; \{10^5, 5, 4^4, 2^3\})$	2624000
20	$\mathcal{O}(1; \{10^5, 5, 4^6\})$	10496000
20	$\mathcal{O}(1; \{10^5, 5^6, 2\})$	251658000
20	$\mathcal{O}(1; \{10^6, 5^3, 2^4\})$	15728400
20	$\mathcal{O}(1; \{10^6, 5^3, 4^2, 2\})$	41942400
20	$\mathcal{O}(1; \{10^7, 2^7\})$	982800
20	$\mathcal{O}(1; \{10^7, 4^2, 2^4\})$	2620800
20	$\mathcal{O}(1; \{10^7, 4^4, 2\})$	10483200
20	$\mathcal{O}(1; \{10^8, 5^2, 2^2\})$	62914800
20	$\mathcal{O}(1; \{10^{10}, 5\})$	251658000
20	$\mathcal{O}(1; \{20, 5^2, 4, 2^{13}\})$	9600
20	$\mathcal{O}(1; \{20, 5^2, 4^3, 2^{10}\})$	38400
20	$\mathcal{O}(1; \{20, 5^2, 4^5, 2^7\})$	153600
20	$\mathcal{O}(1; \{20, 5^2, 4^7, 2^4\})$	614400
20	$\mathcal{O}(1; \{20, 5^2, 4^9, 2\})$	2457600
20	$\mathcal{O}(1; \{20, 5^7, 4, 2^5\})$	10486400
20	$\mathcal{O}(1; \{20, 5^7, 4^3, 2^2\})$	41945600
20	$\mathcal{O}(1; \{20, 10, 5^4, 4, 2^8\})$	656000
20	$\mathcal{O}(1; \{20, 10, 5^4, 4^3, 2^5\})$	2624000
20	$\mathcal{O}(1; \{20, 10, 5^4, 4^5, 2^2\})$	10496000
20	$\mathcal{O}(1; \{20, 10, 5^9, 4\})$	671088000
20	$\mathcal{O}(1; \{20, 10^2, 5, 4, 2^{11}\})$	41600
20	$\mathcal{O}(1; \{20, 10^2, 5, 4^3, 2^8\})$	166400
20	$\mathcal{O}(1; \{20, 10^2, 5, 4^5, 2^5\})$	665600
20	$\mathcal{O}(1; \{20, 10^2, 5, 4^7, 2^2\})$	2662400
20	$\mathcal{O}(1; \{20, 10^2, 5^6, 4, 2^3\})$	41942400
20	$\mathcal{O}(1; \{20, 10^2, 5^6, 4^3\})$	167769600

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{20, 10^3, 5^3, 4, 2^6\})$	2620800
20	$\mathcal{O}(1; \{20, 10^3, 5^3, 4^3, 2^3\})$	10483200
20	$\mathcal{O}(1; \{20, 10^3, 5^3, 4^5\})$	41932800
20	$\mathcal{O}(1; \{20, 10^4, 4, 2^9\})$	163200
20	$\mathcal{O}(1; \{20, 10^4, 4^3, 2^6\})$	652800
20	$\mathcal{O}(1; \{20, 10^4, 4^5, 2^3\})$	2611200
20	$\mathcal{O}(1; \{20, 10^4, 4^7\})$	10444800
20	$\mathcal{O}(1; \{20, 10^4, 5^5, 4, 2\})$	167772800
20	$\mathcal{O}(1; \{20, 10^5, 5^2, 4, 2^4\})$	10486400
20	$\mathcal{O}(1; \{20, 10^5, 5^2, 4^3, 2\})$	41945600
20	$\mathcal{O}(1; \{20, 10^7, 5, 4, 2^2\})$	41942400
20	$\mathcal{O}(1; \{20, 10^9, 4\})$	167772800
20	$\mathcal{O}(1; \{20^2, 5^3, 2^{11}\})$	163200
20	$\mathcal{O}(1; \{20^2, 5^3, 4^2, 2^8\})$	652800
20	$\mathcal{O}(1; \{20^2, 5^3, 4^4, 2^5\})$	2611200
20	$\mathcal{O}(1; \{20^2, 5^3, 4^6, 2^2\})$	10444800
20	$\mathcal{O}(1; \{20^2, 5^8, 2^3\})$	167772800
20	$\mathcal{O}(1; \{20^2, 5^8, 4^2\})$	671091200
20	$\mathcal{O}(1; \{20^2, 10, 2^{14}\})$	9600
20	$\mathcal{O}(1; \{20^2, 10, 4^2, 2^{11}\})$	38400
20	$\mathcal{O}(1; \{20^2, 10, 4^4, 2^8\})$	153600
20	$\mathcal{O}(1; \{20^2, 10, 4^6, 2^5\})$	614400
20	$\mathcal{O}(1; \{20^2, 10, 4^8, 2^2\})$	2457600
20	$\mathcal{O}(1; \{20^2, 10, 5^5, 2^6\})$	10486400
20	$\mathcal{O}(1; \{20^2, 10, 5^5, 4^2, 2^3\})$	41945600
20	$\mathcal{O}(1; \{20^2, 10, 5^5, 4^4\})$	167782400
20	$\mathcal{O}(1; \{20^2, 10^2, 5^2, 2^9\})$	656000
20	$\mathcal{O}(1; \{20^2, 10^2, 5^2, 4^2, 2^6\})$	2624000
20	$\mathcal{O}(1; \{20^2, 10^2, 5^2, 4^4, 2^3\})$	10496000
20	$\mathcal{O}(1; \{20^2, 10^2, 5^2, 4^6\})$	41984000
20	$\mathcal{O}(1; \{20^2, 10^2, 5^7, 2\})$	671088000
20	$\mathcal{O}(1; \{20^2, 10^3, 5^4, 2^4\})$	41942400
20	$\mathcal{O}(1; \{20^2, 10^3, 5^4, 4^2, 2\})$	167769600
20	$\mathcal{O}(1; \{20^2, 10^4, 5, 2^7\})$	2620800
20	$\mathcal{O}(1; \{20^2, 10^4, 5, 4^2, 2^4\})$	10483200
20	$\mathcal{O}(1; \{20^2, 10^4, 5, 4^4, 2\})$	41932800
20	$\mathcal{O}(1; \{20^2, 10^5, 5^3, 2^2\})$	167772800
20	$\mathcal{O}(1; \{20^2, 10^6, 2^5\})$	10486400
20	$\mathcal{O}(1; \{20^2, 10^6, 4^2, 2^2\})$	41945600
20	$\mathcal{O}(1; \{20^2, 10^7, 5^2\})$	671088000
20	$\mathcal{O}(1; \{20^3, 5^4, 4, 2^6\})$	10483200
20	$\mathcal{O}(1; \{20^3, 5^4, 4^3, 2^3\})$	41932800
20	$\mathcal{O}(1; \{20^3, 5^4, 4^5\})$	167731200

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{20^3, 10, 5, 4, 2^9\})$	652800
20	$\mathcal{O}(1; \{20^3, 10, 5, 4^3, 2^6\})$	2611200
20	$\mathcal{O}(1; \{20^3, 10, 5, 4^5, 2^3\})$	10444800
20	$\mathcal{O}(1; \{20^3, 10, 5, 4^7\})$	41779200
20	$\mathcal{O}(1; \{20^3, 10, 5^6, 4, 2\})$	671091200
20	$\mathcal{O}(1; \{20^3, 10^2, 5^3, 4, 2^4\})$	41945600
20	$\mathcal{O}(1; \{20^3, 10^2, 5^3, 4^3, 2\})$	167782400
20	$\mathcal{O}(1; \{20^3, 10^3, 4, 2^7\})$	2624000
20	$\mathcal{O}(1; \{20^3, 10^3, 4^3, 2^4\})$	10496000
20	$\mathcal{O}(1; \{20^3, 10^3, 4^5, 2\})$	41984000
20	$\mathcal{O}(1; \{20^3, 10^4, 5^2, 4, 2^2\})$	167769600
20	$\mathcal{O}(1; \{20^3, 10^6, 5, 4\})$	671091200
20	$\mathcal{O}(1; \{20^4, 2^{12}\})$	166400
20	$\mathcal{O}(1; \{20^4, 4^2, 2^9\})$	665600
20	$\mathcal{O}(1; \{20^4, 4^4, 2^6\})$	2662400
20	$\mathcal{O}(1; \{20^4, 4^6, 2^3\})$	10649600
20	$\mathcal{O}(1; \{20^4, 4^8\})$	42598400
20	$\mathcal{O}(1; \{20^4, 5^5, 2^4\})$	167769600
20	$\mathcal{O}(1; \{20^4, 5^5, 4^2, 2\})$	671078400
20	$\mathcal{O}(1; \{20^4, 10, 5^2, 2^7\})$	10483200
20	$\mathcal{O}(1; \{20^4, 10, 5^2, 4^2, 2^4\})$	41932800
20	$\mathcal{O}(1; \{20^4, 10, 5^2, 4^4, 2\})$	167731200
20	$\mathcal{O}(1; \{20^4, 10^2, 5^4, 2^2\})$	671091200
20	$\mathcal{O}(1; \{20^4, 10^3, 5, 2^5\})$	41945600
20	$\mathcal{O}(1; \{20^4, 10^3, 5, 4^2, 2^2\})$	167782400
20	$\mathcal{O}(1; \{20^4, 10^4, 5^3\})$	2684352000
20	$\mathcal{O}(1; \{20^4, 10^5, 2^3\})$	167769600
20	$\mathcal{O}(1; \{20^4, 10^5, 4^2\})$	671078400
20	$\mathcal{O}(1; \{20^5, 5, 4, 2^7\})$	10496000
20	$\mathcal{O}(1; \{20^5, 5, 4^3, 2^4\})$	41984000
20	$\mathcal{O}(1; \{20^5, 5, 4^5, 2\})$	167936000
20	$\mathcal{O}(1; \{20^5, 10, 5^3, 4, 2^2\})$	671078400
20	$\mathcal{O}(1; \{20^5, 10^2, 4, 2^5\})$	41932800
20	$\mathcal{O}(1; \{20^5, 10^2, 4^3, 2^2\})$	167731200
20	$\mathcal{O}(1; \{20^5, 10^3, 5^2, 4\})$	2684364800
20	$\mathcal{O}(1; \{20^6, 5^2, 2^5\})$	167782400
20	$\mathcal{O}(1; \{20^6, 5^2, 4^2, 2^2\})$	671129600
20	$\mathcal{O}(1; \{20^6, 10, 5^4\})$	10737408000
20	$\mathcal{O}(1; \{20^6, 10^2, 5, 2^3\})$	671078400
20	$\mathcal{O}(1; \{20^6, 10^2, 5, 4^2\})$	2684313600
20	$\mathcal{O}(1; \{20^6, 10^4, 2\})$	2684364800
20	$\mathcal{O}(1; \{20^7, 5^3, 4\})$	10737459200
20	$\mathcal{O}(1; \{20^7, 10, 4, 2^3\})$	671129600

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{20^7, 10, 4^3\})$	2684518400
20	$\mathcal{O}(1; \{20^8, 10, 5, 2\})$	10737459200
20	$\mathcal{O}(1; \{20^9, 4, 2\})$	10737254400
20	$\mathcal{O}(0; \{5^6, 4^2, 2^{11}\})$	1640
20	$\mathcal{O}(0; \{5^6, 4^4, 2^8\})$	6560
20	$\mathcal{O}(0; \{5^6, 4^6, 2^5\})$	26240
20	$\mathcal{O}(0; \{5^6, 4^8, 2^2\})$	104960
20	$\mathcal{O}(0; \{5^{11}, 4^2, 2^3\})$	1677720
20	$\mathcal{O}(0; \{5^{11}, 4^4\})$	6710880
20	$\mathcal{O}(0; \{10, 5^3, 4^2, 2^{14}\})$	104
20	$\mathcal{O}(0; \{10, 5^3, 4^4, 2^{11}\})$	416
20	$\mathcal{O}(0; \{10, 5^3, 4^6, 2^8\})$	1664
20	$\mathcal{O}(0; \{10, 5^3, 4^8, 2^5\})$	6656
20	$\mathcal{O}(0; \{10, 5^3, 4^{10}, 2^2\})$	26624
20	$\mathcal{O}(0; \{10, 5^8, 4^2, 2^6\})$	104856
20	$\mathcal{O}(0; \{10, 5^8, 4^4, 2^3\})$	419424
20	$\mathcal{O}(0; \{10, 5^8, 4^6\})$	1677696
20	$\mathcal{O}(0; \{10^2, 4^2, 2^{17}\})$	8
20	$\mathcal{O}(0; \{10^2, 4^4, 2^{14}\})$	32
20	$\mathcal{O}(0; \{10^2, 4^6, 2^{11}\})$	128
20	$\mathcal{O}(0; \{10^2, 4^8, 2^8\})$	512
20	$\mathcal{O}(0; \{10^2, 4^{10}, 2^5\})$	2048
20	$\mathcal{O}(0; \{10^2, 4^{12}, 2^2\})$	8192
20	$\mathcal{O}(0; \{10^2, 5^5, 4^2, 2^9\})$	6552
20	$\mathcal{O}(0; \{10^2, 5^5, 4^4, 2^6\})$	26208
20	$\mathcal{O}(0; \{10^2, 5^5, 4^6, 2^3\})$	104832
20	$\mathcal{O}(0; \{10^2, 5^5, 4^8\})$	419328
20	$\mathcal{O}(0; \{10^2, 5^{10}, 4^2, 2\})$	6710888
20	$\mathcal{O}(0; \{10^3, 5^2, 4^2, 2^{12}\})$	408
20	$\mathcal{O}(0; \{10^3, 5^2, 4^4, 2^9\})$	1632
20	$\mathcal{O}(0; \{10^3, 5^2, 4^6, 2^6\})$	6528
20	$\mathcal{O}(0; \{10^3, 5^2, 4^8, 2^3\})$	26112
20	$\mathcal{O}(0; \{10^3, 5^2, 4^{10}\})$	104448
20	$\mathcal{O}(0; \{10^3, 5^7, 4^2, 2^4\})$	419432
20	$\mathcal{O}(0; \{10^3, 5^7, 4^4, 2\})$	1677728
20	$\mathcal{O}(0; \{10^4, 5^4, 4^2, 2^7\})$	26216
20	$\mathcal{O}(0; \{10^4, 5^4, 4^4, 2^4\})$	104864
20	$\mathcal{O}(0; \{10^4, 5^4, 4^6, 2\})$	419456
20	$\mathcal{O}(0; \{10^5, 5, 4^2, 2^{10}\})$	1640
20	$\mathcal{O}(0; \{10^5, 5, 4^4, 2^7\})$	6560
20	$\mathcal{O}(0; \{10^5, 5, 4^6, 2^4\})$	26240
20	$\mathcal{O}(0; \{10^5, 5, 4^8, 2\})$	104960
20	$\mathcal{O}(0; \{10^5, 5^6, 4^2, 2^2\})$	1677720

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{10^6, 5^3, 4^2, 2^5\})$	104856
20	$\mathcal{O}(0; \{10^6, 5^3, 4^4, 2^2\})$	419424
20	$\mathcal{O}(0; \{10^7, 4^2, 2^8\})$	6552
20	$\mathcal{O}(0; \{10^7, 4^4, 2^5\})$	26208
20	$\mathcal{O}(0; \{10^7, 4^6, 2^2\})$	104832
20	$\mathcal{O}(0; \{10^7, 5^5, 4^2\})$	6710888
20	$\mathcal{O}(0; \{10^8, 5^2, 4^2, 2^3\})$	419432
20	$\mathcal{O}(0; \{10^8, 5^2, 4^4\})$	1677728
20	$\mathcal{O}(0; \{10^{10}, 5, 4^2, 2\})$	1677720
20	$\mathcal{O}(0; \{20, 5^2, 4, 2^{17}\})$	24
20	$\mathcal{O}(0; \{20, 5^2, 4^3, 2^{14}\})$	96
20	$\mathcal{O}(0; \{20, 5^2, 4^5, 2^{11}\})$	384
20	$\mathcal{O}(0; \{20, 5^2, 4^7, 2^8\})$	1536
20	$\mathcal{O}(0; \{20, 5^2, 4^9, 2^5\})$	6144
20	$\mathcal{O}(0; \{20, 5^2, 4^{11}, 2^2\})$	24576
20	$\mathcal{O}(0; \{20, 5^7, 4, 2^9\})$	26216
20	$\mathcal{O}(0; \{20, 5^7, 4^3, 2^6\})$	104864
20	$\mathcal{O}(0; \{20, 5^7, 4^5, 2^3\})$	419456
20	$\mathcal{O}(0; \{20, 5^7, 4^7\})$	1677824
20	$\mathcal{O}(0; \{20, 5^{12}, 4, 2\})$	26843544
20	$\mathcal{O}(0; \{20, 10, 5^4, 4, 2^{12}\})$	1640
20	$\mathcal{O}(0; \{20, 10, 5^4, 4^3, 2^9\})$	6560
20	$\mathcal{O}(0; \{20, 10, 5^4, 4^5, 2^6\})$	26240
20	$\mathcal{O}(0; \{20, 10, 5^4, 4^7, 2^3\})$	104960
20	$\mathcal{O}(0; \{20, 10, 5^4, 4^9\})$	419840
20	$\mathcal{O}(0; \{20, 10, 5^9, 4, 2^4\})$	1677720
20	$\mathcal{O}(0; \{20, 10, 5^9, 4^3, 2\})$	6710880
20	$\mathcal{O}(0; \{20, 10^2, 5, 4, 2^{15}\})$	104
20	$\mathcal{O}(0; \{20, 10^2, 5, 4^3, 2^{12}\})$	416
20	$\mathcal{O}(0; \{20, 10^2, 5, 4^5, 2^9\})$	1664
20	$\mathcal{O}(0; \{20, 10^2, 5, 4^7, 2^6\})$	6656
20	$\mathcal{O}(0; \{20, 10^2, 5, 4^9, 2^3\})$	26624
20	$\mathcal{O}(0; \{20, 10^2, 5, 4^{11}\})$	106496
20	$\mathcal{O}(0; \{20, 10^2, 5^6, 4, 2^7\})$	104856
20	$\mathcal{O}(0; \{20, 10^2, 5^6, 4^3, 2^4\})$	419424
20	$\mathcal{O}(0; \{20, 10^2, 5^6, 4^5, 2\})$	1677696
20	$\mathcal{O}(0; \{20, 10^3, 5^3, 4, 2^{10}\})$	6552
20	$\mathcal{O}(0; \{20, 10^3, 5^3, 4^3, 2^7\})$	26208
20	$\mathcal{O}(0; \{20, 10^3, 5^3, 4^5, 2^4\})$	104832
20	$\mathcal{O}(0; \{20, 10^3, 5^3, 4^7, 2\})$	419328
20	$\mathcal{O}(0; \{20, 10^3, 5^8, 4, 2^2\})$	6710888
20	$\mathcal{O}(0; \{20, 10^4, 4, 2^{13}\})$	408
20	$\mathcal{O}(0; \{20, 10^4, 4^3, 2^{10}\})$	1632

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20, 10^4, 4^5, 2^7\})$	6528
20	$\mathcal{O}(0; \{20, 10^4, 4^7, 2^4\})$	26112
20	$\mathcal{O}(0; \{20, 10^4, 4^9, 2\})$	104448
20	$\mathcal{O}(0; \{20, 10^4, 5^5, 4, 2^5\})$	419432
20	$\mathcal{O}(0; \{20, 10^4, 5^5, 4^3, 2^2\})$	1677728
20	$\mathcal{O}(0; \{20, 10^5, 5^2, 4, 2^8\})$	26216
20	$\mathcal{O}(0; \{20, 10^5, 5^2, 4^3, 2^5\})$	104864
20	$\mathcal{O}(0; \{20, 10^5, 5^2, 4^5, 2^2\})$	419456
20	$\mathcal{O}(0; \{20, 10^5, 5^7, 4\})$	26843544
20	$\mathcal{O}(0; \{20, 10^6, 5^4, 4, 2^3\})$	1677720
20	$\mathcal{O}(0; \{20, 10^6, 5^4, 4^3\})$	6710880
20	$\mathcal{O}(0; \{20, 10^7, 5, 4, 2^6\})$	104856
20	$\mathcal{O}(0; \{20, 10^7, 5, 4^3, 2^3\})$	419424
20	$\mathcal{O}(0; \{20, 10^7, 5, 4^5\})$	1677696
20	$\mathcal{O}(0; \{20, 10^8, 5^3, 4, 2\})$	6710888
20	$\mathcal{O}(0; \{20, 10^9, 4, 2^4\})$	419432
20	$\mathcal{O}(0; \{20, 10^9, 4^3, 2\})$	1677728
20	$\mathcal{O}(0; \{20^2, 5^3, 2^{15}\})$	408
20	$\mathcal{O}(0; \{20^2, 5^3, 4^2, 2^{12}\})$	1632
20	$\mathcal{O}(0; \{20^2, 5^3, 4^4, 2^9\})$	6528
20	$\mathcal{O}(0; \{20^2, 5^3, 4^6, 2^6\})$	26112
20	$\mathcal{O}(0; \{20^2, 5^3, 4^8, 2^3\})$	104448
20	$\mathcal{O}(0; \{20^2, 5^3, 4^{10}\})$	417792
20	$\mathcal{O}(0; \{20^2, 5^8, 2^7\})$	419432
20	$\mathcal{O}(0; \{20^2, 5^8, 4^2, 2^4\})$	1677728
20	$\mathcal{O}(0; \{20^2, 5^8, 4^4, 2\})$	6710912
20	$\mathcal{O}(0; \{20^2, 10, 2^{18}\})$	24
20	$\mathcal{O}(0; \{20^2, 10, 4^2, 2^{15}\})$	96
20	$\mathcal{O}(0; \{20^2, 10, 4^4, 2^{12}\})$	384
20	$\mathcal{O}(0; \{20^2, 10, 4^6, 2^9\})$	1536
20	$\mathcal{O}(0; \{20^2, 10, 4^8, 2^6\})$	6144
20	$\mathcal{O}(0; \{20^2, 10, 4^{10}, 2^3\})$	24576
20	$\mathcal{O}(0; \{20^2, 10, 4^{12}\})$	98304
20	$\mathcal{O}(0; \{20^2, 10, 5^5, 2^{10}\})$	26216
20	$\mathcal{O}(0; \{20^2, 10, 5^5, 4^2, 2^7\})$	104864
20	$\mathcal{O}(0; \{20^2, 10, 5^5, 4^4, 2^4\})$	419456
20	$\mathcal{O}(0; \{20^2, 10, 5^5, 4^6, 2\})$	1677824
20	$\mathcal{O}(0; \{20^2, 10, 5^{10}, 2^2\})$	26843544
20	$\mathcal{O}(0; \{20^2, 10^2, 5^2, 2^{13}\})$	1640
20	$\mathcal{O}(0; \{20^2, 10^2, 5^2, 4^2, 2^{10}\})$	6560
20	$\mathcal{O}(0; \{20^2, 10^2, 5^2, 4^4, 2^7\})$	26240
20	$\mathcal{O}(0; \{20^2, 10^2, 5^2, 4^6, 2^4\})$	104960
20	$\mathcal{O}(0; \{20^2, 10^2, 5^2, 4^8, 2\})$	419840

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20^2, 10^2, 5^7, 2^5\})$	1677720
20	$\mathcal{O}(0; \{20^2, 10^2, 5^7, 4^2, 2^2\})$	6710880
20	$\mathcal{O}(0; \{20^2, 10^3, 5^4, 2^8\})$	104856
20	$\mathcal{O}(0; \{20^2, 10^3, 5^4, 4^2, 2^5\})$	419424
20	$\mathcal{O}(0; \{20^2, 10^3, 5^4, 4^4, 2^2\})$	1677696
20	$\mathcal{O}(0; \{20^2, 10^3, 5^9\})$	107374184
20	$\mathcal{O}(0; \{20^2, 10^4, 5, 2^{11}\})$	6552
20	$\mathcal{O}(0; \{20^2, 10^4, 5, 4^2, 2^8\})$	26208
20	$\mathcal{O}(0; \{20^2, 10^4, 5, 4^4, 2^5\})$	104832
20	$\mathcal{O}(0; \{20^2, 10^4, 5, 4^6, 2^2\})$	419328
20	$\mathcal{O}(0; \{20^2, 10^4, 5^6, 2^3\})$	6710888
20	$\mathcal{O}(0; \{20^2, 10^4, 5^6, 4^2\})$	26843552
20	$\mathcal{O}(0; \{20^2, 10^5, 5^3, 2^6\})$	419432
20	$\mathcal{O}(0; \{20^2, 10^5, 5^3, 4^2, 2^3\})$	1677728
20	$\mathcal{O}(0; \{20^2, 10^5, 5^3, 4^4\})$	6710912
20	$\mathcal{O}(0; \{20^2, 10^6, 2^9\})$	26216
20	$\mathcal{O}(0; \{20^2, 10^6, 4^2, 2^6\})$	104864
20	$\mathcal{O}(0; \{20^2, 10^6, 4^4, 2^3\})$	419456
20	$\mathcal{O}(0; \{20^2, 10^6, 4^6\})$	1677824
20	$\mathcal{O}(0; \{20^2, 10^6, 5^5, 2\})$	26843544
20	$\mathcal{O}(0; \{20^2, 10^7, 5^2, 2^4\})$	1677720
20	$\mathcal{O}(0; \{20^2, 10^7, 5^2, 4^2, 2\})$	6710880
20	$\mathcal{O}(0; \{20^2, 10^9, 5, 2^2\})$	6710888
20	$\mathcal{O}(0; \{20^2, 10^{11}\})$	26843544
20	$\mathcal{O}(0; \{20^3, 5^4, 4, 2^{10}\})$	26208
20	$\mathcal{O}(0; \{20^3, 5^4, 4^3, 2^7\})$	104832
20	$\mathcal{O}(0; \{20^3, 5^4, 4^5, 2^4\})$	419328
20	$\mathcal{O}(0; \{20^3, 5^4, 4^7, 2\})$	1677312
20	$\mathcal{O}(0; \{20^3, 5^9, 4, 2^2\})$	26843552
20	$\mathcal{O}(0; \{20^3, 10, 5, 4, 2^{13}\})$	1632
20	$\mathcal{O}(0; \{20^3, 10, 5, 4^3, 2^{10}\})$	6528
20	$\mathcal{O}(0; \{20^3, 10, 5, 4^5, 2^7\})$	26112
20	$\mathcal{O}(0; \{20^3, 10, 5, 4^7, 2^4\})$	104448
20	$\mathcal{O}(0; \{20^3, 10, 5, 4^9, 2\})$	417792
20	$\mathcal{O}(0; \{20^3, 10, 5^6, 4, 2^5\})$	1677728
20	$\mathcal{O}(0; \{20^3, 10, 5^6, 4^3, 2^2\})$	6710912
20	$\mathcal{O}(0; \{20^3, 10^2, 5^3, 4, 2^8\})$	104864
20	$\mathcal{O}(0; \{20^3, 10^2, 5^3, 4^3, 2^5\})$	419456
20	$\mathcal{O}(0; \{20^3, 10^2, 5^3, 4^5, 2^2\})$	1677824
20	$\mathcal{O}(0; \{20^3, 10^2, 5^8, 4\})$	107374176
20	$\mathcal{O}(0; \{20^3, 10^3, 4, 2^{11}\})$	6560
20	$\mathcal{O}(0; \{20^3, 10^3, 4^3, 2^8\})$	26240
20	$\mathcal{O}(0; \{20^3, 10^3, 4^5, 2^5\})$	104960

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20^3, 10^3, 4^7, 2^2\})$	419840
20	$\mathcal{O}(0; \{20^3, 10^3, 5^5, 4, 2^3\})$	6710880
20	$\mathcal{O}(0; \{20^3, 10^3, 5^5, 4^3\})$	26843520
20	$\mathcal{O}(0; \{20^3, 10^4, 5^2, 4, 2^6\})$	419424
20	$\mathcal{O}(0; \{20^3, 10^4, 5^2, 4^3, 2^3\})$	1677696
20	$\mathcal{O}(0; \{20^3, 10^4, 5^2, 4^5\})$	6710784
20	$\mathcal{O}(0; \{20^3, 10^5, 5^4, 4, 2\})$	26843552
20	$\mathcal{O}(0; \{20^3, 10^6, 5, 4, 2^4\})$	1677728
20	$\mathcal{O}(0; \{20^3, 10^6, 5, 4^3, 2\})$	6710912
20	$\mathcal{O}(0; \{20^3, 10^8, 4, 2^2\})$	6710880
20	$\mathcal{O}(0; \{20^4, 2^{16}\})$	416
20	$\mathcal{O}(0; \{20^4, 4^2, 2^{13}\})$	1664
20	$\mathcal{O}(0; \{20^4, 4^4, 2^{10}\})$	6656
20	$\mathcal{O}(0; \{20^4, 4^6, 2^7\})$	26624
20	$\mathcal{O}(0; \{20^4, 4^8, 2^4\})$	106496
20	$\mathcal{O}(0; \{20^4, 4^{10}, 2\})$	425984
20	$\mathcal{O}(0; \{20^4, 5^5, 2^8\})$	419424
20	$\mathcal{O}(0; \{20^4, 5^5, 4^2, 2^5\})$	1677696
20	$\mathcal{O}(0; \{20^4, 5^5, 4^4, 2^2\})$	6710784
20	$\mathcal{O}(0; \{20^4, 5^{10}\})$	429496736
20	$\mathcal{O}(0; \{20^4, 10, 5^2, 2^{11}\})$	26208
20	$\mathcal{O}(0; \{20^4, 10, 5^2, 4^2, 2^8\})$	104832
20	$\mathcal{O}(0; \{20^4, 10, 5^2, 4^4, 2^5\})$	419328
20	$\mathcal{O}(0; \{20^4, 10, 5^2, 4^6, 2^2\})$	1677312
20	$\mathcal{O}(0; \{20^4, 10, 5^7, 2^3\})$	26843552
20	$\mathcal{O}(0; \{20^4, 10, 5^7, 4^2\})$	107374208
20	$\mathcal{O}(0; \{20^4, 10^2, 5^4, 2^6\})$	1677728
20	$\mathcal{O}(0; \{20^4, 10^2, 5^4, 4^2, 2^3\})$	6710912
20	$\mathcal{O}(0; \{20^4, 10^2, 5^4, 4^4\})$	26843648
20	$\mathcal{O}(0; \{20^4, 10^3, 5, 2^9\})$	104864
20	$\mathcal{O}(0; \{20^4, 10^3, 5, 4^2, 2^6\})$	419456
20	$\mathcal{O}(0; \{20^4, 10^3, 5, 4^4, 2^3\})$	1677824
20	$\mathcal{O}(0; \{20^4, 10^3, 5, 4^6\})$	6711296
20	$\mathcal{O}(0; \{20^4, 10^3, 5^6, 2\})$	107374176
20	$\mathcal{O}(0; \{20^4, 10^4, 5^3, 2^4\})$	6710880
20	$\mathcal{O}(0; \{20^4, 10^4, 5^3, 4^2, 2\})$	26843520
20	$\mathcal{O}(0; \{20^4, 10^5, 2^7\})$	419424
20	$\mathcal{O}(0; \{20^4, 10^5, 4^2, 2^4\})$	1677696
20	$\mathcal{O}(0; \{20^4, 10^5, 4^4, 2\})$	6710784
20	$\mathcal{O}(0; \{20^4, 10^6, 5^2, 2^2\})$	26843552
20	$\mathcal{O}(0; \{20^4, 10^8, 5\})$	107374176
20	$\mathcal{O}(0; \{20^5, 5, 4, 2^{11}\})$	26240
20	$\mathcal{O}(0; \{20^5, 5, 4^3, 2^8\})$	104960

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20^5, 5, 4^5, 2^5\})$	419840
20	$\mathcal{O}(0; \{20^5, 5, 4^7, 2^2\})$	1679360
20	$\mathcal{O}(0; \{20^5, 5^6, 4, 2^3\})$	26843520
20	$\mathcal{O}(0; \{20^5, 5^6, 4^3\})$	107374080
20	$\mathcal{O}(0; \{20^5, 10, 5^3, 4, 2^6\})$	1677696
20	$\mathcal{O}(0; \{20^5, 10, 5^3, 4^3, 2^3\})$	6710784
20	$\mathcal{O}(0; \{20^5, 10, 5^3, 4^5\})$	26843136
20	$\mathcal{O}(0; \{20^5, 10^2, 4, 2^9\})$	104832
20	$\mathcal{O}(0; \{20^5, 10^2, 4^3, 2^6\})$	419328
20	$\mathcal{O}(0; \{20^5, 10^2, 4^5, 2^3\})$	1677312
20	$\mathcal{O}(0; \{20^5, 10^2, 4^7\})$	6709248
20	$\mathcal{O}(0; \{20^5, 10^2, 5^5, 4, 2\})$	107374208
20	$\mathcal{O}(0; \{20^5, 10^3, 5^2, 4, 2^4\})$	6710912
20	$\mathcal{O}(0; \{20^5, 10^3, 5^2, 4^3, 2\})$	26843648
20	$\mathcal{O}(0; \{20^5, 10^5, 5, 4, 2^2\})$	26843520
20	$\mathcal{O}(0; \{20^5, 10^7, 4\})$	107374208
20	$\mathcal{O}(0; \{20^6, 5^2, 2^9\})$	419456
20	$\mathcal{O}(0; \{20^6, 5^2, 4^2, 2^6\})$	1677824
20	$\mathcal{O}(0; \{20^6, 5^2, 4^4, 2^3\})$	6711296
20	$\mathcal{O}(0; \{20^6, 5^2, 4^6\})$	26845184
20	$\mathcal{O}(0; \{20^6, 5^7, 2\})$	429496704
20	$\mathcal{O}(0; \{20^6, 10, 5^4, 2^4\})$	26843520
20	$\mathcal{O}(0; \{20^6, 10, 5^4, 4^2, 2\})$	107374080
20	$\mathcal{O}(0; \{20^6, 10^2, 5, 2^7\})$	1677696
20	$\mathcal{O}(0; \{20^6, 10^2, 5, 4^2, 2^4\})$	6710784
20	$\mathcal{O}(0; \{20^6, 10^2, 5, 4^4, 2\})$	26843136
20	$\mathcal{O}(0; \{20^6, 10^3, 5^3, 2^2\})$	107374208
20	$\mathcal{O}(0; \{20^6, 10^4, 2^5\})$	6710912
20	$\mathcal{O}(0; \{20^6, 10^4, 4^2, 2^2\})$	26843648
20	$\mathcal{O}(0; \{20^6, 10^5, 5^2\})$	429496704
20	$\mathcal{O}(0; \{20^7, 5^3, 4, 2^4\})$	26843648
20	$\mathcal{O}(0; \{20^7, 5^3, 4^3, 2\})$	107374592
20	$\mathcal{O}(0; \{20^7, 10, 4, 2^7\})$	1677824
20	$\mathcal{O}(0; \{20^7, 10, 4^3, 2^4\})$	6711296
20	$\mathcal{O}(0; \{20^7, 10, 4^5, 2\})$	26845184
20	$\mathcal{O}(0; \{20^7, 10^2, 5^2, 4, 2^2\})$	107374080
20	$\mathcal{O}(0; \{20^7, 10^4, 5, 4\})$	429496832
20	$\mathcal{O}(0; \{20^8, 5^4, 2^2\})$	429496832
20	$\mathcal{O}(0; \{20^8, 10, 5, 2^5\})$	26843648
20	$\mathcal{O}(0; \{20^8, 10, 5, 4^2, 2^2\})$	107374592
20	$\mathcal{O}(0; \{20^8, 10^2, 5^3\})$	1717986816
20	$\mathcal{O}(0; \{20^8, 10^3, 2^3\})$	107374080
20	$\mathcal{O}(0; \{20^8, 10^3, 4^2\})$	429496320

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20^9, 4, 2^5\})$	26843136
20	$\mathcal{O}(0; \{20^9, 4^3, 2^2\})$	107372544
20	$\mathcal{O}(0; \{20^9, 10, 5^2, 4\})$	1717987328
20	$\mathcal{O}(0; \{20^{10}, 5, 2^3\})$	429496320
20	$\mathcal{O}(0; \{20^{10}, 5, 4^2\})$	1717985280
20	$\mathcal{O}(0; \{20^{10}, 10^2, 2\})$	1717987328
21	$\mathcal{O}(5; \{3^2\})$	33359761838304
21	$\mathcal{O}(4; \{3^5\})$	378228528000
21	$\mathcal{O}(4; \{21, 7^2, 3\})$	2269371561660
21	$\mathcal{O}(3; \{3^8\})$	7375823712
21	$\mathcal{O}(3; \{21, 7^2, 3^4\})$	25729836300
21	$\mathcal{O}(3; \{21^2, 7^4\})$	1143433925172
21	$\mathcal{O}(3; \{21^4, 7, 3\})$	952003943100
21	$\mathcal{O}(2; \{3^{11}\})$	132580800
21	$\mathcal{O}(2; \{7^7, 3^2\})$	15554590380
21	$\mathcal{O}(2; \{21, 7^2, 3^7\})$	501760980
21	$\mathcal{O}(2; \{21^2, 7^4, 3^3\})$	12964103460
21	$\mathcal{O}(2; \{21^4, 7, 3^4\})$	18565156260
21	$\mathcal{O}(2; \{21^5, 7^3\})$	466649380260
21	$\mathcal{O}(2; \{21^7, 3\})$	668847386340
21	$\mathcal{O}(1; \{3^{14}\})$	2359584
21	$\mathcal{O}(1; \{7^7, 3^5\})$	176355900
21	$\mathcal{O}(1; \{21, 7^2, 3^{10}\})$	9022860
21	$\mathcal{O}(1; \{21, 7^9, 3\})$	7618738932
21	$\mathcal{O}(1; \{21^2, 7^4, 3^6\})$	252814716
21	$\mathcal{O}(1; \{21^3, 7^6, 3^2\})$	6348944700
21	$\mathcal{O}(1; \{21^4, 7, 3^7\})$	333845820
21	$\mathcal{O}(1; \{21^5, 7^3, 3^3\})$	9100191996
21	$\mathcal{O}(1; \{21^7, 3^4\})$	12027472380
21	$\mathcal{O}(1; \{21^8, 7^2\})$	327605774076
21	$\mathcal{O}(0; \{7^7, 3^8\})$	3439140
21	$\mathcal{O}(0; \{21, 7^2, 3^{13}\})$	163860
21	$\mathcal{O}(0; \{21, 7^9, 3^4\})$	86380260
21	$\mathcal{O}(0; \{21^2, 7^4, 3^9\})$	4546212
21	$\mathcal{O}(0; \{21^2, 7^{11}\})$	3731626860
21	$\mathcal{O}(0; \{21^3, 7^6, 3^5\})$	123811620
21	$\mathcal{O}(0; \{21^4, 7, 3^{10}\})$	6062820
21	$\mathcal{O}(0; \{21^4, 7^8, 3\})$	3109689060
21	$\mathcal{O}(0; \{21^5, 7^3, 3^6\})$	163643172
21	$\mathcal{O}(0; \{21^6, 7^5, 3^2\})$	4457220900
21	$\mathcal{O}(0; \{21^7, 3^7\})$	218425380
21	$\mathcal{O}(0; \{21^8, 7^2, 3^3\})$	5891133732
21	$\mathcal{O}(0; \{21^{11}, 7\})$	212080793892

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
22	$\mathcal{O}(4; \{22^2, 2^2\})$	548758735360
22	$\mathcal{O}(3; \{22^2, 2^6\})$	1133799040
22	$\mathcal{O}(2; \{22, 11^6, 2\})$	212959787040
22	$\mathcal{O}(2; \{22^2, 2^{10}\})$	2342560
22	$\mathcal{O}(1; \{22, 11^6, 2^5\})$	439999560
22	$\mathcal{O}(1; \{22^2, 2^{14}\})$	4840
22	$\mathcal{O}(1; \{22^3, 11^5, 2^3\})$	440000440
22	$\mathcal{O}(1; \{22^5, 11^4, 2\})$	43999999560
22	$\mathcal{O}(0; \{22, 11^6, 2^9\})$	909090
22	$\mathcal{O}(0; \{22^2, 2^{18}\})$	10
22	$\mathcal{O}(0; \{22^3, 11^5, 2^7\})$	9090910
22	$\mathcal{O}(0; \{22^5, 11^4, 2^5\})$	90909090
22	$\mathcal{O}(0; \{22^7, 11^3, 2^3\})$	909090910
22	$\mathcal{O}(0; \{22^9, 11^2, 2\})$	9090909090
23	$\mathcal{O}(0; \{23^{11}\})$	25405143539622
24	$\mathcal{O}(3; \{4^2, 3^4\})$	2257403904
24	$\mathcal{O}(3; \{6, 4^2, 3^2, 2\})$	752467968
24	$\mathcal{O}(3; \{6^2, 4^2, 2^2\})$	752467968
24	$\mathcal{O}(3; \{8^2, 6^2, 4\})$	3057647616
24	$\mathcal{O}(3; \{12, 4, 3^3, 2\})$	2257403904
24	$\mathcal{O}(3; \{12, 6, 4, 3, 2^2\})$	752467968
24	$\mathcal{O}(3; \{12, 6^3, 4\})$	2257403904
24	$\mathcal{O}(3; \{12, 8^2, 6, 3\})$	3057647616
24	$\mathcal{O}(3; \{12^2, 3^2, 2^2\})$	2257403904
24	$\mathcal{O}(3; \{12^2, 6, 2^3\})$	752467968
24	$\mathcal{O}(3; \{12^2, 6, 4^2\})$	3009871872
24	$\mathcal{O}(3; \{12^2, 6^2, 3\})$	3762339840
24	$\mathcal{O}(3; \{12^3, 4, 3\})$	9029615616
24	$\mathcal{O}(3; \{12^4, 2\})$	9029615616
24	$\mathcal{O}(3; \{24, 8, 3^2, 2^2\})$	1528823808
24	$\mathcal{O}(3; \{24, 8, 6, 2^3\})$	1528823808
24	$\mathcal{O}(3; \{24, 8, 6, 4^2\})$	6115295232
24	$\mathcal{O}(3; \{24, 8, 6^2, 3\})$	4586471424
24	$\mathcal{O}(3; \{24, 12, 8, 4, 3\})$	6115295232
24	$\mathcal{O}(3; \{24, 12^2, 8, 2\})$	6115295232
24	$\mathcal{O}(3; \{24^2, 4, 2^3\})$	3057647616
24	$\mathcal{O}(3; \{24^2, 4^3\})$	12230590464
24	$\mathcal{O}(3; \{24^2, 6, 4, 3\})$	9172942848
24	$\mathcal{O}(3; \{24^2, 8^2, 2\})$	24461180928
24	$\mathcal{O}(3; \{24^2, 12, 3^2\})$	15288238080
24	$\mathcal{O}(3; \{24^2, 12, 6, 2\})$	9172942848
24	$\mathcal{O}(2; \{4^2, 3^4, 2^4\})$	3732480
24	$\mathcal{O}(2; \{4^2, 3^7\})$	26127360

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(2; \{4^4, 3^4, 2\})$	14929920
24	$\mathcal{O}(2; \{6, 4^2, 3^2, 2^5\})$	1244160
24	$\mathcal{O}(2; \{6, 4^2, 3^5, 2\})$	13685760
24	$\mathcal{O}(2; \{6, 4^4, 3^2, 2^2\})$	4976640
24	$\mathcal{O}(2; \{6^2, 4^2, 2^6\})$	1244160
24	$\mathcal{O}(2; \{6^2, 4^2, 3^3, 2^2\})$	6220800
24	$\mathcal{O}(2; \{6^2, 4^4, 2^3\})$	4976640
24	$\mathcal{O}(2; \{6^2, 4^6\})$	19906560
24	$\mathcal{O}(2; \{6^3, 4^2, 3, 2^3\})$	3732480
24	$\mathcal{O}(2; \{6^3, 4^4, 3\})$	14929920
24	$\mathcal{O}(2; \{6^4, 4^2, 3^2\})$	13685760
24	$\mathcal{O}(2; \{6^5, 4^2, 2\})$	6220800
24	$\mathcal{O}(2; \{8^2, 4, 3^4, 2^2\})$	15925248
24	$\mathcal{O}(2; \{8^2, 6, 4, 3^2, 2^3\})$	5308416
24	$\mathcal{O}(2; \{8^2, 6, 4^3, 3^2\})$	21233664
24	$\mathcal{O}(2; \{8^2, 6^2, 4, 2^4\})$	5308416
24	$\mathcal{O}(2; \{8^2, 6^2, 4, 3^3\})$	26542080
24	$\mathcal{O}(2; \{8^2, 6^2, 4^3, 2\})$	21233664
24	$\mathcal{O}(2; \{8^2, 6^3, 4, 3, 2\})$	15925248
24	$\mathcal{O}(2; \{8^4, 3^4\})$	127401984
24	$\mathcal{O}(2; \{8^4, 6, 3^2, 2\})$	42467328
24	$\mathcal{O}(2; \{8^4, 6^2, 2^2\})$	42467328
24	$\mathcal{O}(2; \{12, 4, 3^3, 2^5\})$	3732480
24	$\mathcal{O}(2; \{12, 4, 3^6, 2\})$	26127360
24	$\mathcal{O}(2; \{12, 4^3, 3^3, 2^2\})$	14929920
24	$\mathcal{O}(2; \{12, 6, 4, 3, 2^6\})$	1244160
24	$\mathcal{O}(2; \{12, 6, 4, 3^4, 2^2\})$	13685760
24	$\mathcal{O}(2; \{12, 6, 4^3, 3, 2^3\})$	4976640
24	$\mathcal{O}(2; \{12, 6, 4^5, 3\})$	19906560
24	$\mathcal{O}(2; \{12, 6^2, 4, 3^2, 2^3\})$	6220800
24	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^2\})$	24883200
24	$\mathcal{O}(2; \{12, 6^3, 4, 2^4\})$	3732480
24	$\mathcal{O}(2; \{12, 6^3, 4, 3^3\})$	26127360
24	$\mathcal{O}(2; \{12, 6^3, 4^3, 2\})$	14929920
24	$\mathcal{O}(2; \{12, 6^4, 4, 3, 2\})$	13685760
24	$\mathcal{O}(2; \{12, 8^2, 3^3, 2^3\})$	15925248
24	$\mathcal{O}(2; \{12, 8^2, 4^2, 3^3\})$	63700992
24	$\mathcal{O}(2; \{12, 8^2, 6, 3, 2^4\})$	5308416
24	$\mathcal{O}(2; \{12, 8^2, 6, 3^4\})$	58392576
24	$\mathcal{O}(2; \{12, 8^2, 6, 4^2, 3, 2\})$	21233664
24	$\mathcal{O}(2; \{12, 8^2, 6^2, 3^2, 2\})$	26542080
24	$\mathcal{O}(2; \{12, 8^2, 6^3, 2^2\})$	15925248
24	$\mathcal{O}(2; \{12^2, 3^2, 2^6\})$	3732480

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(2; \{12^2, 3^5, 2^2\})$	26127360
24	$\mathcal{O}(2; \{12^2, 4^2, 3^2, 2^3\})$	14929920
24	$\mathcal{O}(2; \{12^2, 4^4, 3^2\})$	59719680
24	$\mathcal{O}(2; \{12^2, 6, 2^7\})$	1244160
24	$\mathcal{O}(2; \{12^2, 6, 3^3, 2^3\})$	13685760
24	$\mathcal{O}(2; \{12^2, 6, 4^2, 2^4\})$	4976640
24	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^3\})$	54743040
24	$\mathcal{O}(2; \{12^2, 6, 4^4, 2\})$	19906560
24	$\mathcal{O}(2; \{12^2, 6^2, 3, 2^4\})$	6220800
24	$\mathcal{O}(2; \{12^2, 6^2, 3^4\})$	53498880
24	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3, 2\})$	24883200
24	$\mathcal{O}(2; \{12^2, 6^3, 3^2, 2\})$	26127360
24	$\mathcal{O}(2; \{12^2, 6^4, 2^2\})$	13685760
24	$\mathcal{O}(2; \{12^2, 8^2, 4, 3^2, 2\})$	63700992
24	$\mathcal{O}(2; \{12^2, 8^2, 6, 4, 2^2\})$	21233664
24	$\mathcal{O}(2; \{12^2, 8^4, 6\})$	169869312
24	$\mathcal{O}(2; \{12^3, 4, 3, 2^4\})$	14929920
24	$\mathcal{O}(2; \{12^3, 4, 3^4\})$	104509440
24	$\mathcal{O}(2; \{12^3, 4^3, 3, 2\})$	59719680
24	$\mathcal{O}(2; \{12^3, 6, 4, 3^2, 2\})$	54743040
24	$\mathcal{O}(2; \{12^3, 6^2, 4, 2^2\})$	24883200
24	$\mathcal{O}(2; \{12^3, 8^2, 3, 2^2\})$	63700992
24	$\mathcal{O}(2; \{12^3, 8^2, 6^2\})$	106168320
24	$\mathcal{O}(2; \{12^4, 2^5\})$	14929920
24	$\mathcal{O}(2; \{12^4, 3^3, 2\})$	104509440
24	$\mathcal{O}(2; \{12^4, 4^2, 2^2\})$	59719680
24	$\mathcal{O}(2; \{12^4, 6, 3, 2^2\})$	54743040
24	$\mathcal{O}(2; \{12^4, 6^3\})$	104509440
24	$\mathcal{O}(2; \{12^4, 8^2, 4\})$	254803968
24	$\mathcal{O}(2; \{12^5, 6, 4\})$	218972160
24	$\mathcal{O}(2; \{12^6, 3\})$	418037760
24	$\mathcal{O}(2; \{24, 8, 3^2, 2^6\})$	2654208
24	$\mathcal{O}(2; \{24, 8, 3^5, 2^2\})$	29196288
24	$\mathcal{O}(2; \{24, 8, 4^2, 3^2, 2^3\})$	10616832
24	$\mathcal{O}(2; \{24, 8, 4^4, 3^2\})$	42467328
24	$\mathcal{O}(2; \{24, 8, 6, 2^7\})$	2654208
24	$\mathcal{O}(2; \{24, 8, 6, 3^3, 2^3\})$	13271040
24	$\mathcal{O}(2; \{24, 8, 6, 4^2, 2^4\})$	10616832
24	$\mathcal{O}(2; \{24, 8, 6, 4^2, 3^3\})$	53084160
24	$\mathcal{O}(2; \{24, 8, 6, 4^4, 2\})$	42467328
24	$\mathcal{O}(2; \{24, 8, 6^2, 3, 2^4\})$	7962624
24	$\mathcal{O}(2; \{24, 8, 6^2, 3^4\})$	55738368
24	$\mathcal{O}(2; \{24, 8, 6^2, 4^2, 3, 2\})$	31850496

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(2; \{24, 8, 6^3, 3^2, 2\})$	29196288
24	$\mathcal{O}(2; \{24, 8, 6^4, 2^2\})$	13271040
24	$\mathcal{O}(2; \{24, 8^3, 4, 3^2, 2\})$	84934656
24	$\mathcal{O}(2; \{24, 8^3, 6, 4, 2^2\})$	84934656
24	$\mathcal{O}(2; \{24, 8^5, 6\})$	679477248
24	$\mathcal{O}(2; \{24, 12, 8, 4, 3, 2^4\})$	10616832
24	$\mathcal{O}(2; \{24, 12, 8, 4, 3^4\})$	116785152
24	$\mathcal{O}(2; \{24, 12, 8, 4^3, 3, 2\})$	42467328
24	$\mathcal{O}(2; \{24, 12, 8, 6, 4, 3^2, 2\})$	53084160
24	$\mathcal{O}(2; \{24, 12, 8, 6^2, 4, 2^2\})$	31850496
24	$\mathcal{O}(2; \{24, 12, 8^3, 3, 2^2\})$	84934656
24	$\mathcal{O}(2; \{24, 12, 8^3, 6^2\})$	254803968
24	$\mathcal{O}(2; \{24, 12^2, 8, 2^5\})$	10616832
24	$\mathcal{O}(2; \{24, 12^2, 8, 3^3, 2\})$	116785152
24	$\mathcal{O}(2; \{24, 12^2, 8, 4^2, 2^2\})$	42467328
24	$\mathcal{O}(2; \{24, 12^2, 8, 6, 3, 2^2\})$	53084160
24	$\mathcal{O}(2; \{24, 12^2, 8, 6^3\})$	116785152
24	$\mathcal{O}(2; \{24, 12^2, 8^3, 4\})$	339738624
24	$\mathcal{O}(2; \{24, 12^3, 8, 6, 4\})$	212336640
24	$\mathcal{O}(2; \{24, 12^4, 8, 3\})$	467140608
24	$\mathcal{O}(2; \{24^2, 4, 2^7\})$	5308416
24	$\mathcal{O}(2; \{24^2, 4, 3^3, 2^3\})$	26542080
24	$\mathcal{O}(2; \{24^2, 4^3, 2^4\})$	21233664
24	$\mathcal{O}(2; \{24^2, 4^3, 3^3\})$	106168320
24	$\mathcal{O}(2; \{24^2, 4^5, 2\})$	84934656
24	$\mathcal{O}(2; \{24^2, 6, 4, 3, 2^4\})$	15925248
24	$\mathcal{O}(2; \{24^2, 6, 4, 3^4\})$	111476736
24	$\mathcal{O}(2; \{24^2, 6, 4^3, 3, 2\})$	63700992
24	$\mathcal{O}(2; \{24^2, 6^2, 4, 3^2, 2\})$	58392576
24	$\mathcal{O}(2; \{24^2, 6^3, 4, 2^2\})$	26542080
24	$\mathcal{O}(2; \{24^2, 8^2, 2^5\})$	42467328
24	$\mathcal{O}(2; \{24^2, 8^2, 3^3, 2\})$	212336640
24	$\mathcal{O}(2; \{24^2, 8^2, 4^2, 2^2\})$	169869312
24	$\mathcal{O}(2; \{24^2, 8^2, 6, 3, 2^2\})$	127401984
24	$\mathcal{O}(2; \{24^2, 8^2, 6^3\})$	212336640
24	$\mathcal{O}(2; \{24^2, 8^4, 4\})$	1358954496
24	$\mathcal{O}(2; \{24^2, 12, 3^2, 2^4\})$	26542080
24	$\mathcal{O}(2; \{24^2, 12, 3^5\})$	228261888
24	$\mathcal{O}(2; \{24^2, 12, 4^2, 3^2, 2\})$	106168320
24	$\mathcal{O}(2; \{24^2, 12, 6, 2^5\})$	15925248
24	$\mathcal{O}(2; \{24^2, 12, 6, 3^3, 2\})$	111476736
24	$\mathcal{O}(2; \{24^2, 12, 6, 4^2, 2^2\})$	63700992
24	$\mathcal{O}(2; \{24^2, 12, 6^2, 3, 2^2\})$	58392576

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(2; \{24^2, 12, 6^4\})$	111476736
24	$\mathcal{O}(2; \{24^2, 12, 8^2, 6, 4\})$	509607936
24	$\mathcal{O}(2; \{24^2, 12^2, 4, 3, 2^2\})$	106168320
24	$\mathcal{O}(2; \{24^2, 12^2, 6^2, 4\})$	233570304
24	$\mathcal{O}(2; \{24^2, 12^2, 8^2, 3\})$	849346560
24	$\mathcal{O}(2; \{24^2, 12^3, 2^3\})$	106168320
24	$\mathcal{O}(2; \{24^2, 12^3, 4^2\})$	424673280
24	$\mathcal{O}(2; \{24^2, 12^3, 6, 3\})$	445906944
24	$\mathcal{O}(2; \{24^3, 8, 4, 3, 2^2\})$	254803968
24	$\mathcal{O}(2; \{24^3, 8, 6^2, 4\})$	424673280
24	$\mathcal{O}(2; \{24^3, 8^3, 3\})$	2038431744
24	$\mathcal{O}(2; \{24^3, 12, 8, 2^3\})$	254803968
24	$\mathcal{O}(2; \{24^3, 12, 8, 4^2\})$	1019215872
24	$\mathcal{O}(2; \{24^3, 12, 8, 6, 3\})$	934281216
24	$\mathcal{O}(2; \{24^4, 3^2, 2^2\})$	467140608
24	$\mathcal{O}(2; \{24^4, 6, 2^3\})$	212336640
24	$\mathcal{O}(2; \{24^4, 6, 4^2\})$	849346560
24	$\mathcal{O}(2; \{24^4, 6^2, 3\})$	891813888
24	$\mathcal{O}(2; \{24^4, 12, 4, 3\})$	1868562432
24	$\mathcal{O}(2; \{24^4, 12^2, 2\})$	1868562432
24	$\mathcal{O}(2; \{24^5, 8, 2\})$	3397386240
24	$\mathcal{O}(1; \{4^2, 3^4, 2^8\})$	5184
24	$\mathcal{O}(1; \{4^2, 3^7, 2^4\})$	36288
24	$\mathcal{O}(1; \{4^2, 3^{10}\})$	295488
24	$\mathcal{O}(1; \{4^4, 3^4, 2^5\})$	20736
24	$\mathcal{O}(1; \{4^4, 3^7, 2\})$	145152
24	$\mathcal{O}(1; \{4^6, 3^4, 2^2\})$	82944
24	$\mathcal{O}(1; \{6, 4^2, 3^2, 2^9\})$	1728
24	$\mathcal{O}(1; \{6, 4^2, 3^5, 2^5\})$	19008
24	$\mathcal{O}(1; \{6, 4^2, 3^8, 2\})$	146880
24	$\mathcal{O}(1; \{6, 4^4, 3^2, 2^6\})$	6912
24	$\mathcal{O}(1; \{6, 4^4, 3^5, 2^2\})$	76032
24	$\mathcal{O}(1; \{6, 4^6, 3^2, 2^3\})$	27648
24	$\mathcal{O}(1; \{6, 4^8, 3^2\})$	110592
24	$\mathcal{O}(1; \{6^2, 4^2, 2^{10}\})$	1728
24	$\mathcal{O}(1; \{6^2, 4^2, 3^3, 2^6\})$	8640
24	$\mathcal{O}(1; \{6^2, 4^2, 3^6, 2^2\})$	74304
24	$\mathcal{O}(1; \{6^2, 4^4, 2^7\})$	6912
24	$\mathcal{O}(1; \{6^2, 4^4, 3^3, 2^3\})$	34560
24	$\mathcal{O}(1; \{6^2, 4^6, 2^4\})$	27648
24	$\mathcal{O}(1; \{6^2, 4^6, 3^3\})$	138240
24	$\mathcal{O}(1; \{6^2, 4^8, 2\})$	110592
24	$\mathcal{O}(1; \{6^3, 4^2, 3, 2^7\})$	5184

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{6^3, 4^2, 3^4, 2^3\})$	36288
24	$\mathcal{O}(1; \{6^3, 4^4, 3, 2^4\})$	20736
24	$\mathcal{O}(1; \{6^3, 4^4, 3^4\})$	145152
24	$\mathcal{O}(1; \{6^3, 4^6, 3, 2\})$	82944
24	$\mathcal{O}(1; \{6^4, 4^2, 3^2, 2^4\})$	19008
24	$\mathcal{O}(1; \{6^4, 4^2, 3^5\})$	146880
24	$\mathcal{O}(1; \{6^4, 4^4, 3^2, 2\})$	76032
24	$\mathcal{O}(1; \{6^5, 4^2, 2^5\})$	8640
24	$\mathcal{O}(1; \{6^5, 4^2, 3^3, 2\})$	74304
24	$\mathcal{O}(1; \{6^5, 4^4, 2^2\})$	34560
24	$\mathcal{O}(1; \{6^6, 4^2, 3, 2^2\})$	36288
24	$\mathcal{O}(1; \{6^8, 4^2\})$	74304
24	$\mathcal{O}(1; \{8^2, 4, 3^4, 2^6\})$	27648
24	$\mathcal{O}(1; \{8^2, 4, 3^7, 2^2\})$	193536
24	$\mathcal{O}(1; \{8^2, 4^3, 3^4, 2^3\})$	110592
24	$\mathcal{O}(1; \{8^2, 4^5, 3^4\})$	442368
24	$\mathcal{O}(1; \{8^2, 6, 4, 3^2, 2^7\})$	9216
24	$\mathcal{O}(1; \{8^2, 6, 4, 3^5, 2^3\})$	101376
24	$\mathcal{O}(1; \{8^2, 6, 4^3, 3^2, 2^4\})$	36864
24	$\mathcal{O}(1; \{8^2, 6, 4^3, 3^5\})$	405504
24	$\mathcal{O}(1; \{8^2, 6, 4^5, 3^2, 2\})$	147456
24	$\mathcal{O}(1; \{8^2, 6^2, 4, 2^8\})$	9216
24	$\mathcal{O}(1; \{8^2, 6^2, 4, 3^3, 2^4\})$	46080
24	$\mathcal{O}(1; \{8^2, 6^2, 4, 3^6\})$	396288
24	$\mathcal{O}(1; \{8^2, 6^2, 4^3, 2^5\})$	36864
24	$\mathcal{O}(1; \{8^2, 6^2, 4^3, 3^3, 2\})$	184320
24	$\mathcal{O}(1; \{8^2, 6^2, 4^5, 2^2\})$	147456
24	$\mathcal{O}(1; \{8^2, 6^3, 4, 3, 2^5\})$	27648
24	$\mathcal{O}(1; \{8^2, 6^3, 4, 3^4, 2\})$	193536
24	$\mathcal{O}(1; \{8^2, 6^3, 4^3, 3, 2^2\})$	110592
24	$\mathcal{O}(1; \{8^2, 6^4, 4, 3^2, 2^2\})$	101376
24	$\mathcal{O}(1; \{8^2, 6^5, 4, 2^3\})$	46080
24	$\mathcal{O}(1; \{8^2, 6^5, 4^3\})$	184320
24	$\mathcal{O}(1; \{8^2, 6^6, 4, 3\})$	193536
24	$\mathcal{O}(1; \{8^4, 3^4, 2^4\})$	221184
24	$\mathcal{O}(1; \{8^4, 3^7\})$	1548288
24	$\mathcal{O}(1; \{8^4, 4^2, 3^4, 2\})$	884736
24	$\mathcal{O}(1; \{8^4, 6, 3^2, 2^5\})$	73728
24	$\mathcal{O}(1; \{8^4, 6, 3^5, 2\})$	811008
24	$\mathcal{O}(1; \{8^4, 6, 4^2, 3^2, 2^2\})$	294912
24	$\mathcal{O}(1; \{8^4, 6^2, 2^6\})$	73728
24	$\mathcal{O}(1; \{8^4, 6^2, 3^3, 2^2\})$	368640
24	$\mathcal{O}(1; \{8^4, 6^2, 4^2, 2^3\})$	294912

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{8^4, 6^2, 4^4\})$	1179648
24	$\mathcal{O}(1; \{8^4, 6^3, 3, 2^3\})$	221184
24	$\mathcal{O}(1; \{8^4, 6^3, 4^2, 3\})$	884736
24	$\mathcal{O}(1; \{8^4, 6^4, 3^2\})$	811008
24	$\mathcal{O}(1; \{8^4, 6^5, 2\})$	368640
24	$\mathcal{O}(1; \{8^6, 6, 4, 3^2\})$	2359296
24	$\mathcal{O}(1; \{8^6, 6^2, 4, 2\})$	2359296
24	$\mathcal{O}(1; \{12, 4, 3^3, 2^9\})$	5184
24	$\mathcal{O}(1; \{12, 4, 3^6, 2^5\})$	36288
24	$\mathcal{O}(1; \{12, 4, 3^9, 2\})$	295488
24	$\mathcal{O}(1; \{12, 4^3, 3^3, 2^6\})$	20736
24	$\mathcal{O}(1; \{12, 4^3, 3^6, 2^2\})$	145152
24	$\mathcal{O}(1; \{12, 4^5, 3^3, 2^3\})$	82944
24	$\mathcal{O}(1; \{12, 4^7, 3^3\})$	331776
24	$\mathcal{O}(1; \{12, 6, 4, 3, 2^{10}\})$	1728
24	$\mathcal{O}(1; \{12, 6, 4, 3^4, 2^6\})$	19008
24	$\mathcal{O}(1; \{12, 6, 4, 3^7, 2^2\})$	146880
24	$\mathcal{O}(1; \{12, 6, 4^3, 3, 2^7\})$	6912
24	$\mathcal{O}(1; \{12, 6, 4^3, 3^4, 2^3\})$	76032
24	$\mathcal{O}(1; \{12, 6, 4^5, 3, 2^4\})$	27648
24	$\mathcal{O}(1; \{12, 6, 4^5, 3^4\})$	304128
24	$\mathcal{O}(1; \{12, 6, 4^7, 3, 2\})$	110592
24	$\mathcal{O}(1; \{12, 6^2, 4, 3^2, 2^7\})$	8640
24	$\mathcal{O}(1; \{12, 6^2, 4, 3^5, 2^3\})$	74304
24	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^2, 2^4\})$	34560
24	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^5\})$	297216
24	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^2, 2\})$	138240
24	$\mathcal{O}(1; \{12, 6^3, 4, 2^8\})$	5184
24	$\mathcal{O}(1; \{12, 6^3, 4, 3^3, 2^4\})$	36288
24	$\mathcal{O}(1; \{12, 6^3, 4, 3^6\})$	295488
24	$\mathcal{O}(1; \{12, 6^3, 4^3, 2^5\})$	20736
24	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^3, 2\})$	145152
24	$\mathcal{O}(1; \{12, 6^3, 4^5, 2^2\})$	82944
24	$\mathcal{O}(1; \{12, 6^4, 4, 3, 2^5\})$	19008
24	$\mathcal{O}(1; \{12, 6^4, 4, 3^4, 2\})$	146880
24	$\mathcal{O}(1; \{12, 6^4, 4^3, 3, 2^2\})$	76032
24	$\mathcal{O}(1; \{12, 6^5, 4, 3^2, 2^2\})$	74304
24	$\mathcal{O}(1; \{12, 6^6, 4, 2^3\})$	36288
24	$\mathcal{O}(1; \{12, 6^6, 4^3\})$	145152
24	$\mathcal{O}(1; \{12, 6^7, 4, 3\})$	146880
24	$\mathcal{O}(1; \{12, 8^2, 3^3, 2^7\})$	27648
24	$\mathcal{O}(1; \{12, 8^2, 3^6, 2^3\})$	193536
24	$\mathcal{O}(1; \{12, 8^2, 4^2, 3^3, 2^4\})$	110592

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{12, 8^2, 4^2, 3^6\})$	774144
24	$\mathcal{O}(1; \{12, 8^2, 4^4, 3^3, 2\})$	442368
24	$\mathcal{O}(1; \{12, 8^2, 6, 3, 2^8\})$	9216
24	$\mathcal{O}(1; \{12, 8^2, 6, 3^4, 2^4\})$	101376
24	$\mathcal{O}(1; \{12, 8^2, 6, 3^7\})$	783360
24	$\mathcal{O}(1; \{12, 8^2, 6, 4^2, 3, 2^5\})$	36864
24	$\mathcal{O}(1; \{12, 8^2, 6, 4^2, 3^4, 2\})$	405504
24	$\mathcal{O}(1; \{12, 8^2, 6, 4^4, 3, 2^2\})$	147456
24	$\mathcal{O}(1; \{12, 8^2, 6^2, 3^2, 2^5\})$	46080
24	$\mathcal{O}(1; \{12, 8^2, 6^2, 3^5, 2\})$	396288
24	$\mathcal{O}(1; \{12, 8^2, 6^2, 4^2, 3^2, 2^2\})$	184320
24	$\mathcal{O}(1; \{12, 8^2, 6^3, 2^6\})$	27648
24	$\mathcal{O}(1; \{12, 8^2, 6^3, 3^3, 2^2\})$	193536
24	$\mathcal{O}(1; \{12, 8^2, 6^3, 4^2, 2^3\})$	110592
24	$\mathcal{O}(1; \{12, 8^2, 6^3, 4^4\})$	442368
24	$\mathcal{O}(1; \{12, 8^2, 6^4, 3, 2^3\})$	101376
24	$\mathcal{O}(1; \{12, 8^2, 6^4, 4^2, 3\})$	405504
24	$\mathcal{O}(1; \{12, 8^2, 6^5, 3^2\})$	396288
24	$\mathcal{O}(1; \{12, 8^2, 6^6, 2\})$	193536
24	$\mathcal{O}(1; \{12, 8^4, 4, 3^3, 2^2\})$	884736
24	$\mathcal{O}(1; \{12, 8^4, 6, 4, 3, 2^3\})$	294912
24	$\mathcal{O}(1; \{12, 8^4, 6, 4^3, 3\})$	1179648
24	$\mathcal{O}(1; \{12, 8^4, 6^2, 4, 3^2\})$	1474560
24	$\mathcal{O}(1; \{12, 8^4, 6^3, 4, 2\})$	884736
24	$\mathcal{O}(1; \{12, 8^6, 3^3\})$	7077888
24	$\mathcal{O}(1; \{12, 8^6, 6, 3, 2\})$	2359296
24	$\mathcal{O}(1; \{12^2, 3^2, 2^{10}\})$	5184
24	$\mathcal{O}(1; \{12^2, 3^5, 2^6\})$	36288
24	$\mathcal{O}(1; \{12^2, 3^8, 2^2\})$	295488
24	$\mathcal{O}(1; \{12^2, 4^2, 3^2, 2^7\})$	20736
24	$\mathcal{O}(1; \{12^2, 4^2, 3^5, 2^3\})$	145152
24	$\mathcal{O}(1; \{12^2, 4^4, 3^2, 2^4\})$	82944
24	$\mathcal{O}(1; \{12^2, 4^4, 3^5\})$	580608
24	$\mathcal{O}(1; \{12^2, 4^6, 3^2, 2\})$	331776
24	$\mathcal{O}(1; \{12^2, 6, 2^{11}\})$	1728
24	$\mathcal{O}(1; \{12^2, 6, 3^3, 2^7\})$	19008
24	$\mathcal{O}(1; \{12^2, 6, 3^6, 2^3\})$	146880
24	$\mathcal{O}(1; \{12^2, 6, 4^2, 2^8\})$	6912
24	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^3, 2^4\})$	76032
24	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^6\})$	587520
24	$\mathcal{O}(1; \{12^2, 6, 4^4, 2^5\})$	27648
24	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^3, 2\})$	304128
24	$\mathcal{O}(1; \{12^2, 6, 4^6, 2^2\})$	110592

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{12^2, 6^2, 3, 2^8\})$	8640
24	$\mathcal{O}(1; \{12^2, 6^2, 3^4, 2^4\})$	74304
24	$\mathcal{O}(1; \{12^2, 6^2, 3^7\})$	589248
24	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3, 2^5\})$	34560
24	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^4, 2\})$	297216
24	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3, 2^2\})$	138240
24	$\mathcal{O}(1; \{12^2, 6^3, 3^2, 2^5\})$	36288
24	$\mathcal{O}(1; \{12^2, 6^3, 3^5, 2\})$	295488
24	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^2, 2^2\})$	145152
24	$\mathcal{O}(1; \{12^2, 6^4, 2^6\})$	19008
24	$\mathcal{O}(1; \{12^2, 6^4, 3^3, 2^2\})$	146880
24	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 2^3\})$	76032
24	$\mathcal{O}(1; \{12^2, 6^4, 4^4\})$	304128
24	$\mathcal{O}(1; \{12^2, 6^5, 3, 2^3\})$	74304
24	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3\})$	297216
24	$\mathcal{O}(1; \{12^2, 6^6, 3^2\})$	295488
24	$\mathcal{O}(1; \{12^2, 6^7, 2\})$	146880
24	$\mathcal{O}(1; \{12^2, 8^2, 4, 3^2, 2^5\})$	110592
24	$\mathcal{O}(1; \{12^2, 8^2, 4, 3^5, 2\})$	774144
24	$\mathcal{O}(1; \{12^2, 8^2, 4^3, 3^2, 2^2\})$	442368
24	$\mathcal{O}(1; \{12^2, 8^2, 6, 4, 2^6\})$	36864
24	$\mathcal{O}(1; \{12^2, 8^2, 6, 4, 3^3, 2^2\})$	405504
24	$\mathcal{O}(1; \{12^2, 8^2, 6, 4^3, 2^3\})$	147456
24	$\mathcal{O}(1; \{12^2, 8^2, 6, 4^5\})$	589824
24	$\mathcal{O}(1; \{12^2, 8^2, 6^2, 4, 3, 2^3\})$	184320
24	$\mathcal{O}(1; \{12^2, 8^2, 6^2, 4^3, 3\})$	737280
24	$\mathcal{O}(1; \{12^2, 8^2, 6^3, 4, 3^2\})$	774144
24	$\mathcal{O}(1; \{12^2, 8^2, 6^4, 4, 2\})$	405504
24	$\mathcal{O}(1; \{12^2, 8^4, 3^2, 2^3\})$	884736
24	$\mathcal{O}(1; \{12^2, 8^4, 4^2, 3^2\})$	3538944
24	$\mathcal{O}(1; \{12^2, 8^4, 6, 2^4\})$	294912
24	$\mathcal{O}(1; \{12^2, 8^4, 6, 3^3\})$	3244032
24	$\mathcal{O}(1; \{12^2, 8^4, 6, 4^2, 2\})$	1179648
24	$\mathcal{O}(1; \{12^2, 8^4, 6^2, 3, 2\})$	1474560
24	$\mathcal{O}(1; \{12^3, 4, 3, 2^8\})$	20736
24	$\mathcal{O}(1; \{12^3, 4, 3^4, 2^4\})$	145152
24	$\mathcal{O}(1; \{12^3, 4, 3^7\})$	1181952
24	$\mathcal{O}(1; \{12^3, 4^3, 3, 2^5\})$	82944
24	$\mathcal{O}(1; \{12^3, 4^3, 3^4, 2\})$	580608
24	$\mathcal{O}(1; \{12^3, 4^5, 3, 2^2\})$	331776
24	$\mathcal{O}(1; \{12^3, 6, 4, 3^2, 2^5\})$	76032
24	$\mathcal{O}(1; \{12^3, 6, 4, 3^5, 2\})$	587520
24	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^2, 2^2\})$	304128

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{12^3, 6^2, 4, 2^6\})$	34560
24	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^3, 2^2\})$	297216
24	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 2^3\})$	138240
24	$\mathcal{O}(1; \{12^3, 6^2, 4^5\})$	552960
24	$\mathcal{O}(1; \{12^3, 6^3, 4, 3, 2^3\})$	145152
24	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3\})$	580608
24	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^2\})$	587520
24	$\mathcal{O}(1; \{12^3, 6^5, 4, 2\})$	297216
24	$\mathcal{O}(1; \{12^3, 8^2, 3, 2^6\})$	110592
24	$\mathcal{O}(1; \{12^3, 8^2, 3^4, 2^2\})$	774144
24	$\mathcal{O}(1; \{12^3, 8^2, 4^2, 3, 2^3\})$	442368
24	$\mathcal{O}(1; \{12^3, 8^2, 4^4, 3\})$	1769472
24	$\mathcal{O}(1; \{12^3, 8^2, 6, 3^2, 2^3\})$	405504
24	$\mathcal{O}(1; \{12^3, 8^2, 6, 4^2, 3^2\})$	1622016
24	$\mathcal{O}(1; \{12^3, 8^2, 6^2, 2^4\})$	184320
24	$\mathcal{O}(1; \{12^3, 8^2, 6^2, 3^3\})$	1585152
24	$\mathcal{O}(1; \{12^3, 8^2, 6^2, 4^2, 2\})$	737280
24	$\mathcal{O}(1; \{12^3, 8^2, 6^3, 3, 2\})$	774144
24	$\mathcal{O}(1; \{12^3, 8^4, 4, 3, 2\})$	3538944
24	$\mathcal{O}(1; \{12^4, 2^9\})$	20736
24	$\mathcal{O}(1; \{12^4, 3^3, 2^5\})$	145152
24	$\mathcal{O}(1; \{12^4, 3^6, 2\})$	1181952
24	$\mathcal{O}(1; \{12^4, 4^2, 2^6\})$	82944
24	$\mathcal{O}(1; \{12^4, 4^2, 3^3, 2^2\})$	580608
24	$\mathcal{O}(1; \{12^4, 4^4, 2^3\})$	331776
24	$\mathcal{O}(1; \{12^4, 4^6\})$	1327104
24	$\mathcal{O}(1; \{12^4, 6, 3, 2^6\})$	76032
24	$\mathcal{O}(1; \{12^4, 6, 3^4, 2^2\})$	587520
24	$\mathcal{O}(1; \{12^4, 6, 4^2, 3, 2^3\})$	304128
24	$\mathcal{O}(1; \{12^4, 6, 4^4, 3\})$	1216512
24	$\mathcal{O}(1; \{12^4, 6^2, 3^2, 2^3\})$	297216
24	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^2\})$	1188864
24	$\mathcal{O}(1; \{12^4, 6^3, 2^4\})$	145152
24	$\mathcal{O}(1; \{12^4, 6^3, 3^3\})$	1181952
24	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 2\})$	580608
24	$\mathcal{O}(1; \{12^4, 6^4, 3, 2\})$	587520
24	$\mathcal{O}(1; \{12^4, 8^2, 4, 2^4\})$	442368
24	$\mathcal{O}(1; \{12^4, 8^2, 4, 3^3\})$	3096576
24	$\mathcal{O}(1; \{12^4, 8^2, 4^3, 2\})$	1769472
24	$\mathcal{O}(1; \{12^4, 8^2, 6, 4, 3, 2\})$	1622016
24	$\mathcal{O}(1; \{12^4, 8^4, 2^2\})$	3538944
24	$\mathcal{O}(1; \{12^5, 4, 3^2, 2^3\})$	580608
24	$\mathcal{O}(1; \{12^5, 4^3, 3^2\})$	2322432

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{12^5, 6, 4, 2^4\})$	304128
24	$\mathcal{O}(1; \{12^5, 6, 4, 3^3\})$	2350080
24	$\mathcal{O}(1; \{12^5, 6, 4^3, 2\})$	1216512
24	$\mathcal{O}(1; \{12^5, 6^2, 4, 3, 2\})$	1188864
24	$\mathcal{O}(1; \{12^5, 8^2, 3^2, 2\})$	3096576
24	$\mathcal{O}(1; \{12^5, 8^2, 6, 2^2\})$	1622016
24	$\mathcal{O}(1; \{12^6, 3, 2^4\})$	580608
24	$\mathcal{O}(1; \{12^6, 3^4\})$	4727808
24	$\mathcal{O}(1; \{12^6, 4^2, 3, 2\})$	2322432
24	$\mathcal{O}(1; \{12^6, 6, 3^2, 2\})$	2350080
24	$\mathcal{O}(1; \{12^6, 6^2, 2^2\})$	1188864
24	$\mathcal{O}(1; \{12^7, 4, 2^2\})$	2322432
24	$\mathcal{O}(1; \{12^7, 8^2\})$	12386304
24	$\mathcal{O}(1; \{12^8, 6\})$	9400320
24	$\mathcal{O}(1; \{24, 8, 3^2, 2^{10}\})$	4608
24	$\mathcal{O}(1; \{24, 8, 3^5, 2^6\})$	50688
24	$\mathcal{O}(1; \{24, 8, 3^8, 2^2\})$	391680
24	$\mathcal{O}(1; \{24, 8, 4^2, 3^2, 2^7\})$	18432
24	$\mathcal{O}(1; \{24, 8, 4^2, 3^5, 2^3\})$	202752
24	$\mathcal{O}(1; \{24, 8, 4^4, 3^2, 2^4\})$	73728
24	$\mathcal{O}(1; \{24, 8, 4^4, 3^5\})$	811008
24	$\mathcal{O}(1; \{24, 8, 4^6, 3^2, 2\})$	294912
24	$\mathcal{O}(1; \{24, 8, 6, 2^{11}\})$	4608
24	$\mathcal{O}(1; \{24, 8, 6, 3^3, 2^7\})$	23040
24	$\mathcal{O}(1; \{24, 8, 6, 3^6, 2^3\})$	198144
24	$\mathcal{O}(1; \{24, 8, 6, 4^2, 2^8\})$	18432
24	$\mathcal{O}(1; \{24, 8, 6, 4^2, 3^3, 2^4\})$	92160
24	$\mathcal{O}(1; \{24, 8, 6, 4^2, 3^6\})$	792576
24	$\mathcal{O}(1; \{24, 8, 6, 4^4, 2^5\})$	73728
24	$\mathcal{O}(1; \{24, 8, 6, 4^4, 3^3, 2\})$	368640
24	$\mathcal{O}(1; \{24, 8, 6, 4^6, 2^2\})$	294912
24	$\mathcal{O}(1; \{24, 8, 6^2, 3, 2^8\})$	13824
24	$\mathcal{O}(1; \{24, 8, 6^2, 3^4, 2^4\})$	96768
24	$\mathcal{O}(1; \{24, 8, 6^2, 3^7\})$	787968
24	$\mathcal{O}(1; \{24, 8, 6^2, 4^2, 3, 2^5\})$	55296
24	$\mathcal{O}(1; \{24, 8, 6^2, 4^2, 3^4, 2\})$	387072
24	$\mathcal{O}(1; \{24, 8, 6^2, 4^4, 3, 2^2\})$	221184
24	$\mathcal{O}(1; \{24, 8, 6^3, 3^2, 2^5\})$	50688
24	$\mathcal{O}(1; \{24, 8, 6^3, 3^5, 2\})$	391680
24	$\mathcal{O}(1; \{24, 8, 6^3, 4^2, 3^2, 2^2\})$	202752
24	$\mathcal{O}(1; \{24, 8, 6^4, 2^6\})$	23040
24	$\mathcal{O}(1; \{24, 8, 6^4, 3^3, 2^2\})$	198144
24	$\mathcal{O}(1; \{24, 8, 6^4, 4^2, 2^3\})$	92160

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24, 8, 6^4, 4^4\})$	368640
24	$\mathcal{O}(1; \{24, 8, 6^5, 3, 2^3\})$	96768
24	$\mathcal{O}(1; \{24, 8, 6^5, 4^2, 3\})$	387072
24	$\mathcal{O}(1; \{24, 8, 6^6, 3^2\})$	391680
24	$\mathcal{O}(1; \{24, 8, 6^7, 2\})$	198144
24	$\mathcal{O}(1; \{24, 8^3, 4, 3^2, 2^5\})$	147456
24	$\mathcal{O}(1; \{24, 8^3, 4, 3^5, 2\})$	1622016
24	$\mathcal{O}(1; \{24, 8^3, 4^3, 3^2, 2^2\})$	589824
24	$\mathcal{O}(1; \{24, 8^3, 6, 4, 2^6\})$	147456
24	$\mathcal{O}(1; \{24, 8^3, 6, 4, 3^3, 2^2\})$	737280
24	$\mathcal{O}(1; \{24, 8^3, 6, 4^3, 2^3\})$	589824
24	$\mathcal{O}(1; \{24, 8^3, 6, 4^5\})$	2359296
24	$\mathcal{O}(1; \{24, 8^3, 6^2, 4, 3, 2^3\})$	442368
24	$\mathcal{O}(1; \{24, 8^3, 6^2, 4^3, 3\})$	1769472
24	$\mathcal{O}(1; \{24, 8^3, 6^3, 4, 3^2\})$	1622016
24	$\mathcal{O}(1; \{24, 8^3, 6^4, 4, 2\})$	737280
24	$\mathcal{O}(1; \{24, 8^5, 3^2, 2^3\})$	1179648
24	$\mathcal{O}(1; \{24, 8^5, 4^2, 3^2\})$	4718592
24	$\mathcal{O}(1; \{24, 8^5, 6, 2^4\})$	1179648
24	$\mathcal{O}(1; \{24, 8^5, 6, 3^3\})$	5898240
24	$\mathcal{O}(1; \{24, 8^5, 6, 4^2, 2\})$	4718592
24	$\mathcal{O}(1; \{24, 8^5, 6^2, 3, 2\})$	3538944
24	$\mathcal{O}(1; \{24, 12, 8, 4, 3, 2^8\})$	18432
24	$\mathcal{O}(1; \{24, 12, 8, 4, 3^4, 2^4\})$	202752
24	$\mathcal{O}(1; \{24, 12, 8, 4, 3^7\})$	1566720
24	$\mathcal{O}(1; \{24, 12, 8, 4^3, 3, 2^5\})$	73728
24	$\mathcal{O}(1; \{24, 12, 8, 4^3, 3^4, 2\})$	811008
24	$\mathcal{O}(1; \{24, 12, 8, 4^5, 3, 2^2\})$	294912
24	$\mathcal{O}(1; \{24, 12, 8, 6, 4, 3^2, 2^5\})$	92160
24	$\mathcal{O}(1; \{24, 12, 8, 6, 4, 3^5, 2\})$	792576
24	$\mathcal{O}(1; \{24, 12, 8, 6, 4^3, 3^2, 2^2\})$	368640
24	$\mathcal{O}(1; \{24, 12, 8, 6^2, 4, 2^6\})$	55296
24	$\mathcal{O}(1; \{24, 12, 8, 6^2, 4, 3^3, 2^2\})$	387072
24	$\mathcal{O}(1; \{24, 12, 8, 6^2, 4^3, 2^3\})$	221184
24	$\mathcal{O}(1; \{24, 12, 8, 6^2, 4^5\})$	884736
24	$\mathcal{O}(1; \{24, 12, 8, 6^3, 4, 3, 2^3\})$	202752
24	$\mathcal{O}(1; \{24, 12, 8, 6^3, 4^3, 3\})$	811008
24	$\mathcal{O}(1; \{24, 12, 8, 6^4, 4, 3^2\})$	792576
24	$\mathcal{O}(1; \{24, 12, 8, 6^5, 4, 2\})$	387072
24	$\mathcal{O}(1; \{24, 12, 8^3, 3, 2^6\})$	147456
24	$\mathcal{O}(1; \{24, 12, 8^3, 3^4, 2^2\})$	1622016
24	$\mathcal{O}(1; \{24, 12, 8^3, 4^2, 3, 2^3\})$	589824
24	$\mathcal{O}(1; \{24, 12, 8^3, 4^4, 3\})$	2359296

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24, 12, 8^3, 6, 3^2, 2^3\})$	737280
24	$\mathcal{O}(1; \{24, 12, 8^3, 6, 4^2, 3^2\})$	2949120
24	$\mathcal{O}(1; \{24, 12, 8^3, 6^2, 2^4\})$	442368
24	$\mathcal{O}(1; \{24, 12, 8^3, 6^2, 3^3\})$	3096576
24	$\mathcal{O}(1; \{24, 12, 8^3, 6^2, 4^2, 2\})$	1769472
24	$\mathcal{O}(1; \{24, 12, 8^3, 6^3, 3, 2\})$	1622016
24	$\mathcal{O}(1; \{24, 12, 8^5, 4, 3, 2\})$	4718592
24	$\mathcal{O}(1; \{24, 12^2, 8, 2^9\})$	18432
24	$\mathcal{O}(1; \{24, 12^2, 8, 3^3, 2^5\})$	202752
24	$\mathcal{O}(1; \{24, 12^2, 8, 3^6, 2\})$	1566720
24	$\mathcal{O}(1; \{24, 12^2, 8, 4^2, 2^6\})$	73728
24	$\mathcal{O}(1; \{24, 12^2, 8, 4^2, 3^3, 2^2\})$	811008
24	$\mathcal{O}(1; \{24, 12^2, 8, 4^4, 2^3\})$	294912
24	$\mathcal{O}(1; \{24, 12^2, 8, 4^6\})$	1179648
24	$\mathcal{O}(1; \{24, 12^2, 8, 6, 3, 2^6\})$	92160
24	$\mathcal{O}(1; \{24, 12^2, 8, 6, 3^4, 2^2\})$	792576
24	$\mathcal{O}(1; \{24, 12^2, 8, 6, 4^2, 3, 2^3\})$	368640
24	$\mathcal{O}(1; \{24, 12^2, 8, 6, 4^4, 3\})$	1474560
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^2, 3^2, 2^3\})$	387072
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^2, 4^2, 3^2\})$	1548288
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^3, 2^4\})$	202752
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^3, 3^3\})$	1566720
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^3, 4^2, 2\})$	811008
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^4, 3, 2\})$	792576
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 4, 2^4\})$	589824
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 4, 3^3\})$	6488064
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 4^3, 2\})$	2359296
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 6, 4, 3, 2\})$	2949120
24	$\mathcal{O}(1; \{24, 12^2, 8^5, 2^2\})$	4718592
24	$\mathcal{O}(1; \{24, 12^3, 8, 4, 3^2, 2^3\})$	811008
24	$\mathcal{O}(1; \{24, 12^3, 8, 4^3, 3^2\})$	3244032
24	$\mathcal{O}(1; \{24, 12^3, 8, 6, 4, 2^4\})$	368640
24	$\mathcal{O}(1; \{24, 12^3, 8, 6, 4, 3^3\})$	3170304
24	$\mathcal{O}(1; \{24, 12^3, 8, 6, 4^3, 2\})$	1474560
24	$\mathcal{O}(1; \{24, 12^3, 8, 6^2, 4, 3, 2\})$	1548288
24	$\mathcal{O}(1; \{24, 12^3, 8^3, 3^2, 2\})$	6488064
24	$\mathcal{O}(1; \{24, 12^3, 8^3, 6, 2^2\})$	2949120
24	$\mathcal{O}(1; \{24, 12^4, 8, 3, 2^4\})$	811008
24	$\mathcal{O}(1; \{24, 12^4, 8, 3^4\})$	6266880
24	$\mathcal{O}(1; \{24, 12^4, 8, 4^2, 3, 2\})$	3244032
24	$\mathcal{O}(1; \{24, 12^4, 8, 6, 3^2, 2\})$	3170304
24	$\mathcal{O}(1; \{24, 12^4, 8, 6^2, 2^2\})$	1548288
24	$\mathcal{O}(1; \{24, 12^5, 8, 4, 2^2\})$	3244032

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24, 12^5, 8^3\})$	25952256
24	$\mathcal{O}(1; \{24, 12^6, 8, 6\})$	12681216
24	$\mathcal{O}(1; \{24^2, 4, 2^{11}\})$	9216
24	$\mathcal{O}(1; \{24^2, 4, 3^3, 2^7\})$	46080
24	$\mathcal{O}(1; \{24^2, 4, 3^6, 2^3\})$	396288
24	$\mathcal{O}(1; \{24^2, 4^3, 2^8\})$	36864
24	$\mathcal{O}(1; \{24^2, 4^3, 3^3, 2^4\})$	184320
24	$\mathcal{O}(1; \{24^2, 4^3, 3^6\})$	1585152
24	$\mathcal{O}(1; \{24^2, 4^5, 2^5\})$	147456
24	$\mathcal{O}(1; \{24^2, 4^5, 3^3, 2\})$	737280
24	$\mathcal{O}(1; \{24^2, 4^7, 2^2\})$	589824
24	$\mathcal{O}(1; \{24^2, 6, 4, 3, 2^8\})$	27648
24	$\mathcal{O}(1; \{24^2, 6, 4, 3^4, 2^4\})$	193536
24	$\mathcal{O}(1; \{24^2, 6, 4, 3^7\})$	1575936
24	$\mathcal{O}(1; \{24^2, 6, 4^3, 3, 2^5\})$	110592
24	$\mathcal{O}(1; \{24^2, 6, 4^3, 3^4, 2\})$	774144
24	$\mathcal{O}(1; \{24^2, 6, 4^5, 3, 2^2\})$	442368
24	$\mathcal{O}(1; \{24^2, 6^2, 4, 3^2, 2^5\})$	101376
24	$\mathcal{O}(1; \{24^2, 6^2, 4, 3^5, 2\})$	783360
24	$\mathcal{O}(1; \{24^2, 6^2, 4^3, 3^2, 2^2\})$	405504
24	$\mathcal{O}(1; \{24^2, 6^3, 4, 2^6\})$	46080
24	$\mathcal{O}(1; \{24^2, 6^3, 4, 3^3, 2^2\})$	396288
24	$\mathcal{O}(1; \{24^2, 6^3, 4^3, 2^3\})$	184320
24	$\mathcal{O}(1; \{24^2, 6^3, 4^5\})$	737280
24	$\mathcal{O}(1; \{24^2, 6^4, 4, 3, 2^3\})$	193536
24	$\mathcal{O}(1; \{24^2, 6^4, 4^3, 3\})$	774144
24	$\mathcal{O}(1; \{24^2, 6^5, 4, 3^2\})$	783360
24	$\mathcal{O}(1; \{24^2, 6^6, 4, 2\})$	396288
24	$\mathcal{O}(1; \{24^2, 8^2, 2^9\})$	73728
24	$\mathcal{O}(1; \{24^2, 8^2, 3^3, 2^5\})$	368640
24	$\mathcal{O}(1; \{24^2, 8^2, 3^6, 2\})$	3170304
24	$\mathcal{O}(1; \{24^2, 8^2, 4^2, 2^6\})$	294912
24	$\mathcal{O}(1; \{24^2, 8^2, 4^2, 3^3, 2^2\})$	1474560
24	$\mathcal{O}(1; \{24^2, 8^2, 4^4, 2^3\})$	1179648
24	$\mathcal{O}(1; \{24^2, 8^2, 4^6\})$	4718592
24	$\mathcal{O}(1; \{24^2, 8^2, 6, 3, 2^6\})$	221184
24	$\mathcal{O}(1; \{24^2, 8^2, 6, 3^4, 2^2\})$	1548288
24	$\mathcal{O}(1; \{24^2, 8^2, 6, 4^2, 3, 2^3\})$	884736
24	$\mathcal{O}(1; \{24^2, 8^2, 6, 4^4, 3\})$	3538944
24	$\mathcal{O}(1; \{24^2, 8^2, 6^2, 3^2, 2^3\})$	811008
24	$\mathcal{O}(1; \{24^2, 8^2, 6^2, 4^2, 3^2\})$	3244032
24	$\mathcal{O}(1; \{24^2, 8^2, 6^3, 2^4\})$	368640
24	$\mathcal{O}(1; \{24^2, 8^2, 6^3, 3^3\})$	3170304

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^2, 8^2, 6^3, 4^2, 2\})$	1474560
24	$\mathcal{O}(1; \{24^2, 8^2, 6^4, 3, 2\})$	1548288
24	$\mathcal{O}(1; \{24^2, 8^4, 4, 2^4\})$	2359296
24	$\mathcal{O}(1; \{24^2, 8^4, 4, 3^3\})$	11796480
24	$\mathcal{O}(1; \{24^2, 8^4, 4^3, 2\})$	9437184
24	$\mathcal{O}(1; \{24^2, 8^4, 6, 4, 3, 2\})$	7077888
24	$\mathcal{O}(1; \{24^2, 8^6, 2^2\})$	18874368
24	$\mathcal{O}(1; \{24^2, 12, 3^2, 2^8\})$	46080
24	$\mathcal{O}(1; \{24^2, 12, 3^5, 2^4\})$	396288
24	$\mathcal{O}(1; \{24^2, 12, 3^8\})$	3142656
24	$\mathcal{O}(1; \{24^2, 12, 4^2, 3^2, 2^5\})$	184320
24	$\mathcal{O}(1; \{24^2, 12, 4^2, 3^5, 2\})$	1585152
24	$\mathcal{O}(1; \{24^2, 12, 4^4, 3^2, 2^2\})$	737280
24	$\mathcal{O}(1; \{24^2, 12, 6, 2^9\})$	27648
24	$\mathcal{O}(1; \{24^2, 12, 6, 3^3, 2^5\})$	193536
24	$\mathcal{O}(1; \{24^2, 12, 6, 3^6, 2\})$	1575936
24	$\mathcal{O}(1; \{24^2, 12, 6, 4^2, 2^6\})$	110592
24	$\mathcal{O}(1; \{24^2, 12, 6, 4^2, 3^3, 2^2\})$	774144
24	$\mathcal{O}(1; \{24^2, 12, 6, 4^4, 2^3\})$	442368
24	$\mathcal{O}(1; \{24^2, 12, 6, 4^6\})$	1769472
24	$\mathcal{O}(1; \{24^2, 12, 6^2, 3, 2^6\})$	101376
24	$\mathcal{O}(1; \{24^2, 12, 6^2, 3^4, 2^2\})$	783360
24	$\mathcal{O}(1; \{24^2, 12, 6^2, 4^2, 3, 2^3\})$	405504
24	$\mathcal{O}(1; \{24^2, 12, 6^2, 4^4, 3\})$	1622016
24	$\mathcal{O}(1; \{24^2, 12, 6^3, 3^2, 2^3\})$	396288
24	$\mathcal{O}(1; \{24^2, 12, 6^3, 4^2, 3^2\})$	1585152
24	$\mathcal{O}(1; \{24^2, 12, 6^4, 2^4\})$	193536
24	$\mathcal{O}(1; \{24^2, 12, 6^4, 3^3\})$	1575936
24	$\mathcal{O}(1; \{24^2, 12, 6^4, 4^2, 2\})$	774144
24	$\mathcal{O}(1; \{24^2, 12, 6^5, 3, 2\})$	783360
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 4, 3^2, 2^3\})$	1474560
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 4^3, 3^2\})$	5898240
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6, 4, 2^4\})$	884736
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6, 4, 3^3\})$	6193152
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6, 4^3, 2\})$	3538944
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6^2, 4, 3, 2\})$	3244032
24	$\mathcal{O}(1; \{24^2, 12, 8^4, 3^2, 2\})$	11796480
24	$\mathcal{O}(1; \{24^2, 12, 8^4, 6, 2^2\})$	7077888
24	$\mathcal{O}(1; \{24^2, 12^2, 4, 3, 2^6\})$	184320
24	$\mathcal{O}(1; \{24^2, 12^2, 4, 3^4, 2^2\})$	1585152
24	$\mathcal{O}(1; \{24^2, 12^2, 4^3, 3, 2^3\})$	737280
24	$\mathcal{O}(1; \{24^2, 12^2, 4^5, 3\})$	2949120
24	$\mathcal{O}(1; \{24^2, 12^2, 6, 4, 3^2, 2^3\})$	774144

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^2, 12^2, 6, 4^3, 3^2\})$	3096576
24	$\mathcal{O}(1; \{24^2, 12^2, 6^2, 4, 2^4\})$	405504
24	$\mathcal{O}(1; \{24^2, 12^2, 6^2, 4, 3^3\})$	3133440
24	$\mathcal{O}(1; \{24^2, 12^2, 6^2, 4^3, 2\})$	1622016
24	$\mathcal{O}(1; \{24^2, 12^2, 6^3, 4, 3, 2\})$	1585152
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 3, 2^4\})$	1474560
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 3^4\})$	12681216
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 4^2, 3, 2\})$	5898240
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 6, 3^2, 2\})$	6193152
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 6^2, 2^2\})$	3244032
24	$\mathcal{O}(1; \{24^2, 12^3, 2^7\})$	184320
24	$\mathcal{O}(1; \{24^2, 12^3, 3^3, 2^3\})$	1585152
24	$\mathcal{O}(1; \{24^2, 12^3, 4^2, 2^4\})$	737280
24	$\mathcal{O}(1; \{24^2, 12^3, 4^2, 3^3\})$	6340608
24	$\mathcal{O}(1; \{24^2, 12^3, 4^4, 2\})$	2949120
24	$\mathcal{O}(1; \{24^2, 12^3, 6, 3, 2^4\})$	774144
24	$\mathcal{O}(1; \{24^2, 12^3, 6, 3^4\})$	6303744
24	$\mathcal{O}(1; \{24^2, 12^3, 6, 4^2, 3, 2\})$	3096576
24	$\mathcal{O}(1; \{24^2, 12^3, 6^2, 3^2, 2\})$	3133440
24	$\mathcal{O}(1; \{24^2, 12^3, 6^3, 2^2\})$	1585152
24	$\mathcal{O}(1; \{24^2, 12^3, 8^2, 4, 2^2\})$	5898240
24	$\mathcal{O}(1; \{24^2, 12^3, 8^4\})$	47185920
24	$\mathcal{O}(1; \{24^2, 12^4, 4, 3^2, 2\})$	6340608
24	$\mathcal{O}(1; \{24^2, 12^4, 6, 4, 2^2\})$	3096576
24	$\mathcal{O}(1; \{24^2, 12^4, 8^2, 6\})$	24772608
24	$\mathcal{O}(1; \{24^2, 12^5, 3, 2^2\})$	6340608
24	$\mathcal{O}(1; \{24^2, 12^5, 6^2\})$	12533760
24	$\mathcal{O}(1; \{24^2, 12^6, 4\})$	25362432
24	$\mathcal{O}(1; \{24^3, 8, 4, 3, 2^6\})$	442368
24	$\mathcal{O}(1; \{24^3, 8, 4, 3^4, 2^2\})$	3096576
24	$\mathcal{O}(1; \{24^3, 8, 4^3, 3, 2^3\})$	1769472
24	$\mathcal{O}(1; \{24^3, 8, 4^5, 3\})$	7077888
24	$\mathcal{O}(1; \{24^3, 8, 6, 4, 3^2, 2^3\})$	1622016
24	$\mathcal{O}(1; \{24^3, 8, 6, 4^3, 3^2\})$	6488064
24	$\mathcal{O}(1; \{24^3, 8, 6^2, 4, 2^4\})$	737280
24	$\mathcal{O}(1; \{24^3, 8, 6^2, 4, 3^3\})$	6340608
24	$\mathcal{O}(1; \{24^3, 8, 6^2, 4^3, 2\})$	2949120
24	$\mathcal{O}(1; \{24^3, 8, 6^3, 4, 3, 2\})$	3096576
24	$\mathcal{O}(1; \{24^3, 8^3, 3, 2^4\})$	3538944
24	$\mathcal{O}(1; \{24^3, 8^3, 3^4\})$	24772608
24	$\mathcal{O}(1; \{24^3, 8^3, 4^2, 3, 2\})$	14155776
24	$\mathcal{O}(1; \{24^3, 8^3, 6, 3^2, 2\})$	12976128
24	$\mathcal{O}(1; \{24^3, 8^3, 6^2, 2^2\})$	5898240

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^3, 12, 8, 2^7\})$	442368
24	$\mathcal{O}(1; \{24^3, 12, 8, 3^3, 2^3\})$	3096576
24	$\mathcal{O}(1; \{24^3, 12, 8, 4^2, 2^4\})$	1769472
24	$\mathcal{O}(1; \{24^3, 12, 8, 4^2, 3^3\})$	12386304
24	$\mathcal{O}(1; \{24^3, 12, 8, 4^4, 2\})$	7077888
24	$\mathcal{O}(1; \{24^3, 12, 8, 6, 3, 2^4\})$	1622016
24	$\mathcal{O}(1; \{24^3, 12, 8, 6, 3^4\})$	12533760
24	$\mathcal{O}(1; \{24^3, 12, 8, 6, 4^2, 3, 2\})$	6488064
24	$\mathcal{O}(1; \{24^3, 12, 8, 6^2, 3^2, 2\})$	6340608
24	$\mathcal{O}(1; \{24^3, 12, 8, 6^3, 2^2\})$	3096576
24	$\mathcal{O}(1; \{24^3, 12, 8^3, 4, 2^2\})$	14155776
24	$\mathcal{O}(1; \{24^3, 12, 8^5\})$	713246208
24	$\mathcal{O}(1; \{24^3, 12^2, 8, 4, 3^2, 2\})$	12386304
24	$\mathcal{O}(1; \{24^3, 12^2, 8, 6, 4, 2^2\})$	6488064
24	$\mathcal{O}(1; \{24^3, 12^2, 8^3, 6\})$	51904512
24	$\mathcal{O}(1; \{24^3, 12^3, 8, 3, 2^2\})$	12386304
24	$\mathcal{O}(1; \{24^3, 12^3, 8, 6^2\})$	25362432
24	$\mathcal{O}(1; \{24^3, 12^4, 8, 4\})$	49545216
24	$\mathcal{O}(1; \{24^4, 3^2, 2^6\})$	811008
24	$\mathcal{O}(1; \{24^4, 3^5, 2^2\})$	6266880
24	$\mathcal{O}(1; \{24^4, 4^2, 3^2, 2^3\})$	3244032
24	$\mathcal{O}(1; \{24^4, 4^4, 3^2\})$	12976128
24	$\mathcal{O}(1; \{24^4, 6, 2^7\})$	368640
24	$\mathcal{O}(1; \{24^4, 6, 3^3, 2^3\})$	3170304
24	$\mathcal{O}(1; \{24^4, 6, 4^2, 2^4\})$	1474560
24	$\mathcal{O}(1; \{24^4, 6, 4^2, 3^3\})$	12681216
24	$\mathcal{O}(1; \{24^4, 6, 4^4, 2\})$	5898240
24	$\mathcal{O}(1; \{24^4, 6^2, 3, 2^4\})$	1548288
24	$\mathcal{O}(1; \{24^4, 6^2, 3^4\})$	12607488
24	$\mathcal{O}(1; \{24^4, 6^2, 4^2, 3, 2\})$	6193152
24	$\mathcal{O}(1; \{24^4, 6^3, 3^2, 2\})$	6266880
24	$\mathcal{O}(1; \{24^4, 6^4, 2^2\})$	3170304
24	$\mathcal{O}(1; \{24^4, 8^2, 4, 3^2, 2\})$	25952256
24	$\mathcal{O}(1; \{24^4, 8^2, 6, 4, 2^2\})$	11796480
24	$\mathcal{O}(1; \{24^4, 8^4, 6\})$	94371840
24	$\mathcal{O}(1; \{24^4, 12, 4, 3, 2^4\})$	3244032
24	$\mathcal{O}(1; \{24^4, 12, 4, 3^4\})$	25067520
24	$\mathcal{O}(1; \{24^4, 12, 4^3, 3, 2\})$	12976128
24	$\mathcal{O}(1; \{24^4, 12, 6, 4, 3^2, 2\})$	12681216
24	$\mathcal{O}(1; \{24^4, 12, 6^2, 4, 2^2\})$	6193152
24	$\mathcal{O}(1; \{24^4, 12, 8^2, 3, 2^2\})$	25952256
24	$\mathcal{O}(1; \{24^4, 12, 8^2, 6^2\})$	49545216
24	$\mathcal{O}(1; \{24^4, 12^2, 2^5\})$	3244032

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^4, 12^2, 3^3, 2\})$	25067520
24	$\mathcal{O}(1; \{24^4, 12^2, 4^2, 2^2\})$	12976128
24	$\mathcal{O}(1; \{24^4, 12^2, 6, 3, 2^2\})$	12681216
24	$\mathcal{O}(1; \{24^4, 12^2, 6^3\})$	25067520
24	$\mathcal{O}(1; \{24^4, 12^2, 8^2, 4\})$	103809024
24	$\mathcal{O}(1; \{24^4, 12^3, 6, 4\})$	50724864
24	$\mathcal{O}(1; \{24^4, 12^4, 3\})$	100270080
24	$\mathcal{O}(1; \{24^5, 8, 2^5\})$	5898240
24	$\mathcal{O}(1; \{24^5, 8, 3^3, 2\})$	50724864
24	$\mathcal{O}(1; \{24^5, 8, 4^2, 2^2\})$	23592960
24	$\mathcal{O}(1; \{24^5, 8, 6, 3, 2^2\})$	24772608
24	$\mathcal{O}(1; \{24^5, 8, 6^3\})$	50724864
24	$\mathcal{O}(1; \{24^5, 8^3, 4\})$	188743680
24	$\mathcal{O}(1; \{24^5, 12, 8, 6, 4\})$	99090432
24	$\mathcal{O}(1; \{24^5, 12^2, 8, 3\})$	202899456
24	$\mathcal{O}(1; \{24^6, 4, 3, 2^2\})$	49545216
24	$\mathcal{O}(1; \{24^6, 6^2, 4\})$	101449728
24	$\mathcal{O}(1; \{24^6, 8^2, 3\})$	396361728
24	$\mathcal{O}(1; \{24^6, 12, 2^3\})$	49545216
24	$\mathcal{O}(1; \{24^6, 12, 4^2\})$	198180864
24	$\mathcal{O}(1; \{24^6, 12, 6, 3\})$	200540160
24	$\mathcal{O}(1; \{24^8, 2\})$	811597824
24	$\mathcal{O}(0; \{8^2, 4, 3^4, 2^{10}\})$	48
24	$\mathcal{O}(0; \{8^2, 4, 3^7, 2^6\})$	336
24	$\mathcal{O}(0; \{8^2, 4, 3^{10}, 2^2\})$	2736
24	$\mathcal{O}(0; \{8^2, 4^3, 3^4, 2^7\})$	192
24	$\mathcal{O}(0; \{8^2, 4^3, 3^7, 2^3\})$	1344
24	$\mathcal{O}(0; \{8^2, 4^5, 3^4, 2^4\})$	768
24	$\mathcal{O}(0; \{8^2, 4^5, 3^7\})$	5376
24	$\mathcal{O}(0; \{8^2, 4^7, 3^4, 2\})$	3072
24	$\mathcal{O}(0; \{8^2, 6, 4, 3^2, 2^{11}\})$	16
24	$\mathcal{O}(0; \{8^2, 6, 4, 3^5, 2^7\})$	176
24	$\mathcal{O}(0; \{8^2, 6, 4, 3^8, 2^3\})$	1360
24	$\mathcal{O}(0; \{8^2, 6, 4^3, 3^2, 2^8\})$	64
24	$\mathcal{O}(0; \{8^2, 6, 4^3, 3^5, 2^4\})$	704
24	$\mathcal{O}(0; \{8^2, 6, 4^3, 3^8\})$	5440
24	$\mathcal{O}(0; \{8^2, 6, 4^5, 3^2, 2^5\})$	256
24	$\mathcal{O}(0; \{8^2, 6, 4^5, 3^5, 2\})$	2816
24	$\mathcal{O}(0; \{8^2, 6, 4^7, 3^2, 2^2\})$	1024
24	$\mathcal{O}(0; \{8^2, 6^2, 4, 2^{12}\})$	16
24	$\mathcal{O}(0; \{8^2, 6^2, 4, 3^3, 2^8\})$	80
24	$\mathcal{O}(0; \{8^2, 6^2, 4, 3^6, 2^4\})$	688
24	$\mathcal{O}(0; \{8^2, 6^2, 4, 3^9\})$	5456

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{8^2, 6^2, 4^3, 2^9\})$	64
24	$\mathcal{O}(0; \{8^2, 6^2, 4^3, 3^3, 2^5\})$	320
24	$\mathcal{O}(0; \{8^2, 6^2, 4^3, 3^6, 2\})$	2752
24	$\mathcal{O}(0; \{8^2, 6^2, 4^5, 2^6\})$	256
24	$\mathcal{O}(0; \{8^2, 6^2, 4^5, 3^3, 2^2\})$	1280
24	$\mathcal{O}(0; \{8^2, 6^2, 4^7, 2^3\})$	1024
24	$\mathcal{O}(0; \{8^2, 6^2, 4^9\})$	4096
24	$\mathcal{O}(0; \{8^2, 6^3, 4, 3, 2^9\})$	48
24	$\mathcal{O}(0; \{8^2, 6^3, 4, 3^4, 2^5\})$	336
24	$\mathcal{O}(0; \{8^2, 6^3, 4, 3^7, 2\})$	2736
24	$\mathcal{O}(0; \{8^2, 6^3, 4^3, 3, 2^6\})$	192
24	$\mathcal{O}(0; \{8^2, 6^3, 4^3, 3^4, 2^2\})$	1344
24	$\mathcal{O}(0; \{8^2, 6^3, 4^5, 3, 2^3\})$	768
24	$\mathcal{O}(0; \{8^2, 6^3, 4^7, 3\})$	3072
24	$\mathcal{O}(0; \{8^2, 6^4, 4, 3^2, 2^6\})$	176
24	$\mathcal{O}(0; \{8^2, 6^4, 4, 3^5, 2^2\})$	1360
24	$\mathcal{O}(0; \{8^2, 6^4, 4^3, 3^2, 2^3\})$	704
24	$\mathcal{O}(0; \{8^2, 6^4, 4^5, 3^2\})$	2816
24	$\mathcal{O}(0; \{8^2, 6^5, 4, 2^7\})$	80
24	$\mathcal{O}(0; \{8^2, 6^5, 4, 3^3, 2^3\})$	688
24	$\mathcal{O}(0; \{8^2, 6^5, 4^3, 2^4\})$	320
24	$\mathcal{O}(0; \{8^2, 6^5, 4^3, 3^3\})$	2752
24	$\mathcal{O}(0; \{8^2, 6^5, 4^5, 2\})$	1280
24	$\mathcal{O}(0; \{8^2, 6^6, 4, 3, 2^4\})$	336
24	$\mathcal{O}(0; \{8^2, 6^6, 4, 3^4\})$	2736
24	$\mathcal{O}(0; \{8^2, 6^6, 4^3, 3, 2\})$	1344
24	$\mathcal{O}(0; \{8^2, 6^7, 4, 3^2, 2\})$	1360
24	$\mathcal{O}(0; \{8^2, 6^8, 4, 2^2\})$	688
24	$\mathcal{O}(0; \{8^4, 3^4, 2^8\})$	384
24	$\mathcal{O}(0; \{8^4, 3^7, 2^4\})$	2688
24	$\mathcal{O}(0; \{8^4, 3^{10}\})$	21888
24	$\mathcal{O}(0; \{8^4, 4^2, 3^4, 2^5\})$	1536
24	$\mathcal{O}(0; \{8^4, 4^2, 3^7, 2\})$	10752
24	$\mathcal{O}(0; \{8^4, 4^4, 3^4, 2^2\})$	6144
24	$\mathcal{O}(0; \{8^4, 6, 3^2, 2^9\})$	128
24	$\mathcal{O}(0; \{8^4, 6, 3^5, 2^5\})$	1408
24	$\mathcal{O}(0; \{8^4, 6, 3^8, 2\})$	10880
24	$\mathcal{O}(0; \{8^4, 6, 4^2, 3^2, 2^6\})$	512
24	$\mathcal{O}(0; \{8^4, 6, 4^2, 3^5, 2^2\})$	5632
24	$\mathcal{O}(0; \{8^4, 6, 4^4, 3^2, 2^3\})$	2048
24	$\mathcal{O}(0; \{8^4, 6, 4^6, 3^2\})$	8192
24	$\mathcal{O}(0; \{8^4, 6^2, 2^{10}\})$	128
24	$\mathcal{O}(0; \{8^4, 6^2, 3^3, 2^6\})$	640

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{8^4, 6^2, 3^6, 2^2\})$	5504
24	$\mathcal{O}(0; \{8^4, 6^2, 4^2, 2^7\})$	512
24	$\mathcal{O}(0; \{8^4, 6^2, 4^2, 3^3, 2^3\})$	2560
24	$\mathcal{O}(0; \{8^4, 6^2, 4^4, 2^4\})$	2048
24	$\mathcal{O}(0; \{8^4, 6^2, 4^4, 3^3\})$	10240
24	$\mathcal{O}(0; \{8^4, 6^2, 4^6, 2\})$	8192
24	$\mathcal{O}(0; \{8^4, 6^3, 3, 2^7\})$	384
24	$\mathcal{O}(0; \{8^4, 6^3, 3^4, 2^3\})$	2688
24	$\mathcal{O}(0; \{8^4, 6^3, 4^2, 3, 2^4\})$	1536
24	$\mathcal{O}(0; \{8^4, 6^3, 4^2, 3^4\})$	10752
24	$\mathcal{O}(0; \{8^4, 6^3, 4^4, 3, 2\})$	6144
24	$\mathcal{O}(0; \{8^4, 6^4, 3^2, 2^4\})$	1408
24	$\mathcal{O}(0; \{8^4, 6^4, 3^5\})$	10880
24	$\mathcal{O}(0; \{8^4, 6^4, 4^2, 3^2, 2\})$	5632
24	$\mathcal{O}(0; \{8^4, 6^5, 2^5\})$	640
24	$\mathcal{O}(0; \{8^4, 6^5, 3^3, 2\})$	5504
24	$\mathcal{O}(0; \{8^4, 6^5, 4^2, 2^2\})$	2560
24	$\mathcal{O}(0; \{8^4, 6^6, 3, 2^2\})$	2688
24	$\mathcal{O}(0; \{8^4, 6^8\})$	5504
24	$\mathcal{O}(0; \{8^6, 4, 3^4, 2^3\})$	12288
24	$\mathcal{O}(0; \{8^6, 4^3, 3^4\})$	49152
24	$\mathcal{O}(0; \{8^6, 6, 4, 3^2, 2^4\})$	4096
24	$\mathcal{O}(0; \{8^6, 6, 4, 3^5\})$	45056
24	$\mathcal{O}(0; \{8^6, 6, 4^3, 3^2, 2\})$	16384
24	$\mathcal{O}(0; \{8^6, 6^2, 4, 2^5\})$	4096
24	$\mathcal{O}(0; \{8^6, 6^2, 4, 3^3, 2\})$	20480
24	$\mathcal{O}(0; \{8^6, 6^2, 4^3, 2^2\})$	16384
24	$\mathcal{O}(0; \{8^6, 6^3, 4, 3, 2^2\})$	12288
24	$\mathcal{O}(0; \{8^6, 6^5, 4\})$	20480
24	$\mathcal{O}(0; \{8^8, 3^4, 2\})$	98304
24	$\mathcal{O}(0; \{8^8, 6, 3^2, 2^2\})$	32768
24	$\mathcal{O}(0; \{8^8, 6^2, 2^3\})$	32768
24	$\mathcal{O}(0; \{8^8, 6^2, 4^2\})$	131072
24	$\mathcal{O}(0; \{8^8, 6^3, 3\})$	98304
24	$\mathcal{O}(0; \{12, 8^2, 3^3, 2^{11}\})$	48
24	$\mathcal{O}(0; \{12, 8^2, 3^6, 2^7\})$	336
24	$\mathcal{O}(0; \{12, 8^2, 3^9, 2^3\})$	2736
24	$\mathcal{O}(0; \{12, 8^2, 4^2, 3^3, 2^8\})$	192
24	$\mathcal{O}(0; \{12, 8^2, 4^2, 3^6, 2^4\})$	1344
24	$\mathcal{O}(0; \{12, 8^2, 4^2, 3^9\})$	10944
24	$\mathcal{O}(0; \{12, 8^2, 4^4, 3^3, 2^5\})$	768
24	$\mathcal{O}(0; \{12, 8^2, 4^4, 3^6, 2\})$	5376
24	$\mathcal{O}(0; \{12, 8^2, 4^6, 3^3, 2^2\})$	3072

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12, 8^2, 6, 3, 2^{12}\})$	16
24	$\mathcal{O}(0; \{12, 8^2, 6, 3^4, 2^8\})$	176
24	$\mathcal{O}(0; \{12, 8^2, 6, 3^7, 2^4\})$	1360
24	$\mathcal{O}(0; \{12, 8^2, 6, 3^{10}\})$	10928
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^2, 3, 2^9\})$	64
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^2, 3^4, 2^5\})$	704
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^2, 3^7, 2\})$	5440
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^4, 3, 2^6\})$	256
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^4, 3^4, 2^2\})$	2816
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^6, 3, 2^3\})$	1024
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^8, 3\})$	4096
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 3^2, 2^9\})$	80
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 3^5, 2^5\})$	688
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 3^8, 2\})$	5456
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^2, 3^2, 2^6\})$	320
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^2, 3^5, 2^2\})$	2752
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^4, 3^2, 2^3\})$	1280
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^6, 3^2\})$	5120
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 2^{10}\})$	48
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 3^3, 2^6\})$	336
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 3^6, 2^2\})$	2736
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4^2, 2^7\})$	192
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4^2, 3^3, 2^3\})$	1344
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4^4, 2^4\})$	768
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4^4, 3^3\})$	5376
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4^6, 2\})$	3072
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 3, 2^7\})$	176
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 3^4, 2^3\})$	1360
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 4^2, 3, 2^4\})$	704
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 4^2, 3^4\})$	5440
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 4^4, 3, 2\})$	2816
24	$\mathcal{O}(0; \{12, 8^2, 6^5, 3^2, 2^4\})$	688
24	$\mathcal{O}(0; \{12, 8^2, 6^5, 3^5\})$	5456
24	$\mathcal{O}(0; \{12, 8^2, 6^5, 4^2, 3^2, 2\})$	2752
24	$\mathcal{O}(0; \{12, 8^2, 6^6, 2^5\})$	336
24	$\mathcal{O}(0; \{12, 8^2, 6^6, 3^3, 2\})$	2736
24	$\mathcal{O}(0; \{12, 8^2, 6^6, 4^2, 2^2\})$	1344
24	$\mathcal{O}(0; \{12, 8^2, 6^7, 3, 2^2\})$	1360
24	$\mathcal{O}(0; \{12, 8^2, 6^9\})$	2736
24	$\mathcal{O}(0; \{12, 8^4, 4, 3^3, 2^6\})$	1536
24	$\mathcal{O}(0; \{12, 8^4, 4, 3^6, 2^2\})$	10752
24	$\mathcal{O}(0; \{12, 8^4, 4^3, 3^3, 2^3\})$	6144
24	$\mathcal{O}(0; \{12, 8^4, 4^5, 3^3\})$	24576

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12, 8^4, 6, 4, 3, 2^7\})$	512
24	$\mathcal{O}(0; \{12, 8^4, 6, 4, 3^4, 2^3\})$	5632
24	$\mathcal{O}(0; \{12, 8^4, 6, 4^3, 3, 2^4\})$	2048
24	$\mathcal{O}(0; \{12, 8^4, 6, 4^3, 3^4\})$	22528
24	$\mathcal{O}(0; \{12, 8^4, 6, 4^5, 3, 2\})$	8192
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 4, 3^2, 2^4\})$	2560
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 4, 3^5\})$	22016
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 4^3, 3^2, 2\})$	10240
24	$\mathcal{O}(0; \{12, 8^4, 6^3, 4, 2^5\})$	1536
24	$\mathcal{O}(0; \{12, 8^4, 6^3, 4, 3^3, 2\})$	10752
24	$\mathcal{O}(0; \{12, 8^4, 6^3, 4^3, 2^2\})$	6144
24	$\mathcal{O}(0; \{12, 8^4, 6^4, 4, 3, 2^2\})$	5632
24	$\mathcal{O}(0; \{12, 8^4, 6^6, 4\})$	10752
24	$\mathcal{O}(0; \{12, 8^6, 3^3, 2^4\})$	12288
24	$\mathcal{O}(0; \{12, 8^6, 3^6\})$	86016
24	$\mathcal{O}(0; \{12, 8^6, 4^2, 3^3, 2\})$	49152
24	$\mathcal{O}(0; \{12, 8^6, 6, 3, 2^5\})$	4096
24	$\mathcal{O}(0; \{12, 8^6, 6, 3^4, 2\})$	45056
24	$\mathcal{O}(0; \{12, 8^6, 6, 4^2, 3, 2^2\})$	16384
24	$\mathcal{O}(0; \{12, 8^6, 6^2, 3^2, 2^2\})$	20480
24	$\mathcal{O}(0; \{12, 8^6, 6^3, 2^3\})$	12288
24	$\mathcal{O}(0; \{12, 8^6, 6^3, 4^2\})$	49152
24	$\mathcal{O}(0; \{12, 8^6, 6^4, 3\})$	45056
24	$\mathcal{O}(0; \{12, 8^8, 6, 4, 3\})$	131072
24	$\mathcal{O}(0; \{12^2, 8^2, 4, 3^2, 2^9\})$	192
24	$\mathcal{O}(0; \{12^2, 8^2, 4, 3^5, 2^5\})$	1344
24	$\mathcal{O}(0; \{12^2, 8^2, 4, 3^8, 2\})$	10944
24	$\mathcal{O}(0; \{12^2, 8^2, 4^3, 3^2, 2^6\})$	768
24	$\mathcal{O}(0; \{12^2, 8^2, 4^3, 3^5, 2^2\})$	5376
24	$\mathcal{O}(0; \{12^2, 8^2, 4^5, 3^2, 2^3\})$	3072
24	$\mathcal{O}(0; \{12^2, 8^2, 4^7, 3^2\})$	12288
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4, 2^{10}\})$	64
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4, 3^3, 2^6\})$	704
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4, 3^6, 2^2\})$	5440
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^3, 2^7\})$	256
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^3, 3^3, 2^3\})$	2816
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^5, 2^4\})$	1024
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^5, 3^3\})$	11264
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^7, 2\})$	4096
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4, 3, 2^7\})$	320
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4, 3^4, 2^3\})$	2752
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4^3, 3, 2^4\})$	1280
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4^3, 3^4\})$	11008

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4^5, 3, 2\})$	5120
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 4, 3^2, 2^4\})$	1344
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 4, 3^5\})$	10944
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 4^3, 3^2, 2\})$	5376
24	$\mathcal{O}(0; \{12^2, 8^2, 6^4, 4, 2^5\})$	704
24	$\mathcal{O}(0; \{12^2, 8^2, 6^4, 4, 3^3, 2\})$	5440
24	$\mathcal{O}(0; \{12^2, 8^2, 6^4, 4^3, 2^2\})$	2816
24	$\mathcal{O}(0; \{12^2, 8^2, 6^5, 4, 3, 2^2\})$	2752
24	$\mathcal{O}(0; \{12^2, 8^2, 6^7, 4\})$	5440
24	$\mathcal{O}(0; \{12^2, 8^4, 3^2, 2^7\})$	1536
24	$\mathcal{O}(0; \{12^2, 8^4, 3^5, 2^3\})$	10752
24	$\mathcal{O}(0; \{12^2, 8^4, 4^2, 3^2, 2^4\})$	6144
24	$\mathcal{O}(0; \{12^2, 8^4, 4^2, 3^5\})$	43008
24	$\mathcal{O}(0; \{12^2, 8^4, 4^4, 3^2, 2\})$	24576
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 2^8\})$	512
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 3^3, 2^4\})$	5632
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 3^6\})$	43520
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 4^2, 2^5\})$	2048
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 4^2, 3^3, 2\})$	22528
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 4^4, 2^2\})$	8192
24	$\mathcal{O}(0; \{12^2, 8^4, 6^2, 3, 2^5\})$	2560
24	$\mathcal{O}(0; \{12^2, 8^4, 6^2, 3^4, 2\})$	22016
24	$\mathcal{O}(0; \{12^2, 8^4, 6^2, 4^2, 3, 2^2\})$	10240
24	$\mathcal{O}(0; \{12^2, 8^4, 6^3, 3^2, 2^2\})$	10752
24	$\mathcal{O}(0; \{12^2, 8^4, 6^4, 2^3\})$	5632
24	$\mathcal{O}(0; \{12^2, 8^4, 6^4, 4^2\})$	22528
24	$\mathcal{O}(0; \{12^2, 8^4, 6^5, 3\})$	22016
24	$\mathcal{O}(0; \{12^2, 8^6, 4, 3^2, 2^2\})$	49152
24	$\mathcal{O}(0; \{12^2, 8^6, 6, 4, 2^3\})$	16384
24	$\mathcal{O}(0; \{12^2, 8^6, 6, 4^3\})$	65536
24	$\mathcal{O}(0; \{12^2, 8^6, 6^2, 4, 3\})$	81920
24	$\mathcal{O}(0; \{12^2, 8^8, 3^2\})$	393216
24	$\mathcal{O}(0; \{12^2, 8^8, 6, 2\})$	131072
24	$\mathcal{O}(0; \{12^3, 8^2, 3, 2^{10}\})$	192
24	$\mathcal{O}(0; \{12^3, 8^2, 3^4, 2^6\})$	1344
24	$\mathcal{O}(0; \{12^3, 8^2, 3^7, 2^2\})$	10944
24	$\mathcal{O}(0; \{12^3, 8^2, 4^2, 3, 2^7\})$	768
24	$\mathcal{O}(0; \{12^3, 8^2, 4^2, 3^4, 2^3\})$	5376
24	$\mathcal{O}(0; \{12^3, 8^2, 4^4, 3, 2^4\})$	3072
24	$\mathcal{O}(0; \{12^3, 8^2, 4^4, 3^4\})$	21504
24	$\mathcal{O}(0; \{12^3, 8^2, 4^6, 3, 2\})$	12288
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 3^2, 2^7\})$	704
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 3^5, 2^3\})$	5440

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4^2, 3^2, 2^4\})$	2816
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4^2, 3^5\})$	21760
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4^4, 3^2, 2\})$	11264
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 2^8\})$	320
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 3^3, 2^4\})$	2752
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 3^6\})$	21824
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 4^2, 2^5\})$	1280
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 4^2, 3^3, 2\})$	11008
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 4^4, 2^2\})$	5120
24	$\mathcal{O}(0; \{12^3, 8^2, 6^3, 3, 2^5\})$	1344
24	$\mathcal{O}(0; \{12^3, 8^2, 6^3, 3^4, 2\})$	10944
24	$\mathcal{O}(0; \{12^3, 8^2, 6^3, 4^2, 3, 2^2\})$	5376
24	$\mathcal{O}(0; \{12^3, 8^2, 6^4, 3^2, 2^2\})$	5440
24	$\mathcal{O}(0; \{12^3, 8^2, 6^5, 2^3\})$	2752
24	$\mathcal{O}(0; \{12^3, 8^2, 6^5, 4^2\})$	11008
24	$\mathcal{O}(0; \{12^3, 8^2, 6^6, 3\})$	10944
24	$\mathcal{O}(0; \{12^3, 8^4, 4, 3, 2^5\})$	6144
24	$\mathcal{O}(0; \{12^3, 8^4, 4, 3^4, 2\})$	43008
24	$\mathcal{O}(0; \{12^3, 8^4, 4^3, 3, 2^2\})$	24576
24	$\mathcal{O}(0; \{12^3, 8^4, 6, 4, 3^2, 2^2\})$	22528
24	$\mathcal{O}(0; \{12^3, 8^4, 6^2, 4, 2^3\})$	10240
24	$\mathcal{O}(0; \{12^3, 8^4, 6^2, 4^3\})$	40960
24	$\mathcal{O}(0; \{12^3, 8^4, 6^3, 4, 3\})$	43008
24	$\mathcal{O}(0; \{12^3, 8^6, 3, 2^3\})$	49152
24	$\mathcal{O}(0; \{12^3, 8^6, 4^2, 3\})$	196608
24	$\mathcal{O}(0; \{12^3, 8^6, 6, 3^2\})$	180224
24	$\mathcal{O}(0; \{12^3, 8^6, 6^2, 2\})$	81920
24	$\mathcal{O}(0; \{12^4, 8^2, 4, 2^8\})$	768
24	$\mathcal{O}(0; \{12^4, 8^2, 4, 3^3, 2^4\})$	5376
24	$\mathcal{O}(0; \{12^4, 8^2, 4, 3^6\})$	43776
24	$\mathcal{O}(0; \{12^4, 8^2, 4^3, 2^5\})$	3072
24	$\mathcal{O}(0; \{12^4, 8^2, 4^3, 3^3, 2\})$	21504
24	$\mathcal{O}(0; \{12^4, 8^2, 4^5, 2^2\})$	12288
24	$\mathcal{O}(0; \{12^4, 8^2, 6, 4, 3, 2^5\})$	2816
24	$\mathcal{O}(0; \{12^4, 8^2, 6, 4, 3^4, 2\})$	21760
24	$\mathcal{O}(0; \{12^4, 8^2, 6, 4^3, 3, 2^2\})$	11264
24	$\mathcal{O}(0; \{12^4, 8^2, 6^2, 4, 3^2, 2^2\})$	11008
24	$\mathcal{O}(0; \{12^4, 8^2, 6^3, 4, 2^3\})$	5376
24	$\mathcal{O}(0; \{12^4, 8^2, 6^3, 4^3\})$	21504
24	$\mathcal{O}(0; \{12^4, 8^2, 6^4, 4, 3\})$	21760
24	$\mathcal{O}(0; \{12^4, 8^4, 2^6\})$	6144
24	$\mathcal{O}(0; \{12^4, 8^4, 3^3, 2^2\})$	43008
24	$\mathcal{O}(0; \{12^4, 8^4, 4^2, 2^3\})$	24576

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12^4, 8^4, 4^4\})$	98304
24	$\mathcal{O}(0; \{12^4, 8^4, 6, 3, 2^3\})$	22528
24	$\mathcal{O}(0; \{12^4, 8^4, 6, 4^2, 3\})$	90112
24	$\mathcal{O}(0; \{12^4, 8^4, 6^2, 3^2\})$	88064
24	$\mathcal{O}(0; \{12^4, 8^4, 6^3, 2\})$	43008
24	$\mathcal{O}(0; \{12^4, 8^6, 4, 2\})$	196608
24	$\mathcal{O}(0; \{12^5, 8^2, 3^2, 2^5\})$	5376
24	$\mathcal{O}(0; \{12^5, 8^2, 3^5, 2\})$	43776
24	$\mathcal{O}(0; \{12^5, 8^2, 4^2, 3^2, 2^2\})$	21504
24	$\mathcal{O}(0; \{12^5, 8^2, 6, 2^6\})$	2816
24	$\mathcal{O}(0; \{12^5, 8^2, 6, 3^3, 2^2\})$	21760
24	$\mathcal{O}(0; \{12^5, 8^2, 6, 4^2, 2^3\})$	11264
24	$\mathcal{O}(0; \{12^5, 8^2, 6, 4^4\})$	45056
24	$\mathcal{O}(0; \{12^5, 8^2, 6^2, 3, 2^3\})$	11008
24	$\mathcal{O}(0; \{12^5, 8^2, 6^2, 4^2, 3\})$	44032
24	$\mathcal{O}(0; \{12^5, 8^2, 6^3, 3^2\})$	43776
24	$\mathcal{O}(0; \{12^5, 8^2, 6^4, 2\})$	21760
24	$\mathcal{O}(0; \{12^5, 8^4, 4, 3^2\})$	172032
24	$\mathcal{O}(0; \{12^5, 8^4, 6, 4, 2\})$	90112
24	$\mathcal{O}(0; \{12^6, 8^2, 4, 3, 2^3\})$	21504
24	$\mathcal{O}(0; \{12^6, 8^2, 4^3, 3\})$	86016
24	$\mathcal{O}(0; \{12^6, 8^2, 6, 4, 3^2\})$	87040
24	$\mathcal{O}(0; \{12^6, 8^2, 6^2, 4, 2\})$	44032
24	$\mathcal{O}(0; \{12^6, 8^4, 3, 2\})$	172032
24	$\mathcal{O}(0; \{12^7, 8^2, 2^4\})$	21504
24	$\mathcal{O}(0; \{12^7, 8^2, 3^3\})$	175104
24	$\mathcal{O}(0; \{12^7, 8^2, 4^2, 2\})$	86016
24	$\mathcal{O}(0; \{12^7, 8^2, 6, 3, 2\})$	87040
24	$\mathcal{O}(0; \{24, 8, 3^2, 2^{14}\})$	8
24	$\mathcal{O}(0; \{24, 8, 3^5, 2^{10}\})$	88
24	$\mathcal{O}(0; \{24, 8, 3^8, 2^6\})$	680
24	$\mathcal{O}(0; \{24, 8, 3^{11}, 2^2\})$	5464
24	$\mathcal{O}(0; \{24, 8, 4^2, 3^2, 2^{11}\})$	32
24	$\mathcal{O}(0; \{24, 8, 4^2, 3^5, 2^7\})$	352
24	$\mathcal{O}(0; \{24, 8, 4^2, 3^8, 2^3\})$	2720
24	$\mathcal{O}(0; \{24, 8, 4^4, 3^2, 2^8\})$	128
24	$\mathcal{O}(0; \{24, 8, 4^4, 3^5, 2^4\})$	1408
24	$\mathcal{O}(0; \{24, 8, 4^4, 3^8\})$	10880
24	$\mathcal{O}(0; \{24, 8, 4^6, 3^2, 2^5\})$	512
24	$\mathcal{O}(0; \{24, 8, 4^6, 3^5, 2\})$	5632
24	$\mathcal{O}(0; \{24, 8, 4^8, 3^2, 2^2\})$	2048
24	$\mathcal{O}(0; \{24, 8, 6, 2^{15}\})$	8
24	$\mathcal{O}(0; \{24, 8, 6, 3^3, 2^{11}\})$	40

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 8, 6, 3^6, 2^7\})$	344
24	$\mathcal{O}(0; \{24, 8, 6, 3^9, 2^3\})$	2728
24	$\mathcal{O}(0; \{24, 8, 6, 4^2, 2^{12}\})$	32
24	$\mathcal{O}(0; \{24, 8, 6, 4^2, 3^3, 2^8\})$	160
24	$\mathcal{O}(0; \{24, 8, 6, 4^2, 3^6, 2^4\})$	1376
24	$\mathcal{O}(0; \{24, 8, 6, 4^2, 3^9\})$	10912
24	$\mathcal{O}(0; \{24, 8, 6, 4^4, 2^9\})$	128
24	$\mathcal{O}(0; \{24, 8, 6, 4^4, 3^3, 2^5\})$	640
24	$\mathcal{O}(0; \{24, 8, 6, 4^4, 3^6, 2\})$	5504
24	$\mathcal{O}(0; \{24, 8, 6, 4^6, 2^6\})$	512
24	$\mathcal{O}(0; \{24, 8, 6, 4^6, 3^3, 2^2\})$	2560
24	$\mathcal{O}(0; \{24, 8, 6, 4^8, 2^3\})$	2048
24	$\mathcal{O}(0; \{24, 8, 6, 4^{10}\})$	8192
24	$\mathcal{O}(0; \{24, 8, 6^2, 3, 2^{12}\})$	24
24	$\mathcal{O}(0; \{24, 8, 6^2, 3^4, 2^8\})$	168
24	$\mathcal{O}(0; \{24, 8, 6^2, 3^7, 2^4\})$	1368
24	$\mathcal{O}(0; \{24, 8, 6^2, 3^{10}\})$	10920
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^2, 3, 2^9\})$	96
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^2, 3^4, 2^5\})$	672
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^2, 3^7, 2\})$	5472
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^4, 3, 2^6\})$	384
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^4, 3^4, 2^2\})$	2688
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^6, 3, 2^3\})$	1536
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^8, 3\})$	6144
24	$\mathcal{O}(0; \{24, 8, 6^3, 3^2, 2^9\})$	88
24	$\mathcal{O}(0; \{24, 8, 6^3, 3^5, 2^5\})$	680
24	$\mathcal{O}(0; \{24, 8, 6^3, 3^8, 2\})$	5464
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^2, 3^2, 2^6\})$	352
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^2, 3^5, 2^2\})$	2720
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^4, 3^2, 2^3\})$	1408
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^6, 3^2\})$	5632
24	$\mathcal{O}(0; \{24, 8, 6^4, 2^{10}\})$	40
24	$\mathcal{O}(0; \{24, 8, 6^4, 3^3, 2^6\})$	344
24	$\mathcal{O}(0; \{24, 8, 6^4, 3^6, 2^2\})$	2728
24	$\mathcal{O}(0; \{24, 8, 6^4, 4^2, 2^7\})$	160
24	$\mathcal{O}(0; \{24, 8, 6^4, 4^2, 3^3, 2^3\})$	1376
24	$\mathcal{O}(0; \{24, 8, 6^4, 4^4, 2^4\})$	640
24	$\mathcal{O}(0; \{24, 8, 6^4, 4^4, 3^3\})$	5504
24	$\mathcal{O}(0; \{24, 8, 6^4, 4^6, 2\})$	2560
24	$\mathcal{O}(0; \{24, 8, 6^5, 3, 2^7\})$	168
24	$\mathcal{O}(0; \{24, 8, 6^5, 3^4, 2^3\})$	1368
24	$\mathcal{O}(0; \{24, 8, 6^5, 4^2, 3, 2^4\})$	672
24	$\mathcal{O}(0; \{24, 8, 6^5, 4^2, 3^4\})$	5472

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 8, 6^5, 4^4, 3, 2\})$	2688
24	$\mathcal{O}(0; \{24, 8, 6^6, 3^2, 2^4\})$	680
24	$\mathcal{O}(0; \{24, 8, 6^6, 3^5\})$	5464
24	$\mathcal{O}(0; \{24, 8, 6^6, 4^2, 3^2, 2\})$	2720
24	$\mathcal{O}(0; \{24, 8, 6^7, 2^5\})$	344
24	$\mathcal{O}(0; \{24, 8, 6^7, 3^3, 2\})$	2728
24	$\mathcal{O}(0; \{24, 8, 6^7, 4^2, 2^2\})$	1376
24	$\mathcal{O}(0; \{24, 8, 6^8, 3, 2^2\})$	1368
24	$\mathcal{O}(0; \{24, 8, 6^{10}\})$	2728
24	$\mathcal{O}(0; \{24, 8^3, 4, 3^2, 2^9\})$	256
24	$\mathcal{O}(0; \{24, 8^3, 4, 3^5, 2^5\})$	2816
24	$\mathcal{O}(0; \{24, 8^3, 4, 3^8, 2\})$	21760
24	$\mathcal{O}(0; \{24, 8^3, 4^3, 3^2, 2^6\})$	1024
24	$\mathcal{O}(0; \{24, 8^3, 4^3, 3^5, 2^2\})$	11264
24	$\mathcal{O}(0; \{24, 8^3, 4^5, 3^2, 2^3\})$	4096
24	$\mathcal{O}(0; \{24, 8^3, 4^7, 3^2\})$	16384
24	$\mathcal{O}(0; \{24, 8^3, 6, 4, 2^{10}\})$	256
24	$\mathcal{O}(0; \{24, 8^3, 6, 4, 3^3, 2^6\})$	1280
24	$\mathcal{O}(0; \{24, 8^3, 6, 4, 3^6, 2^2\})$	11008
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^3, 2^7\})$	1024
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^3, 3^3, 2^3\})$	5120
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^5, 2^4\})$	4096
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^5, 3^3\})$	20480
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^7, 2\})$	16384
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4, 3, 2^7\})$	768
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4, 3^4, 2^3\})$	5376
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4^3, 3, 2^4\})$	3072
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4^3, 3^4\})$	21504
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4^5, 3, 2\})$	12288
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 4, 3^2, 2^4\})$	2816
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 4, 3^5\})$	21760
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 4^3, 3^2, 2\})$	11264
24	$\mathcal{O}(0; \{24, 8^3, 6^4, 4, 2^5\})$	1280
24	$\mathcal{O}(0; \{24, 8^3, 6^4, 4, 3^3, 2\})$	11008
24	$\mathcal{O}(0; \{24, 8^3, 6^4, 4^3, 2^2\})$	5120
24	$\mathcal{O}(0; \{24, 8^3, 6^5, 4, 3, 2^2\})$	5376
24	$\mathcal{O}(0; \{24, 8^3, 6^7, 4\})$	11008
24	$\mathcal{O}(0; \{24, 8^5, 3^2, 2^7\})$	2048
24	$\mathcal{O}(0; \{24, 8^5, 3^5, 2^3\})$	22528
24	$\mathcal{O}(0; \{24, 8^5, 4^2, 3^2, 2^4\})$	8192
24	$\mathcal{O}(0; \{24, 8^5, 4^2, 3^5\})$	90112
24	$\mathcal{O}(0; \{24, 8^5, 4^4, 3^2, 2\})$	32768
24	$\mathcal{O}(0; \{24, 8^5, 6, 2^8\})$	2048

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 8^5, 6, 3^3, 2^4\})$	10240
24	$\mathcal{O}(0; \{24, 8^5, 6, 3^6\})$	88064
24	$\mathcal{O}(0; \{24, 8^5, 6, 4^2, 2^5\})$	8192
24	$\mathcal{O}(0; \{24, 8^5, 6, 4^2, 3^3, 2\})$	40960
24	$\mathcal{O}(0; \{24, 8^5, 6, 4^4, 2^2\})$	32768
24	$\mathcal{O}(0; \{24, 8^5, 6^2, 3, 2^5\})$	6144
24	$\mathcal{O}(0; \{24, 8^5, 6^2, 3^4, 2\})$	43008
24	$\mathcal{O}(0; \{24, 8^5, 6^2, 4^2, 3, 2^2\})$	24576
24	$\mathcal{O}(0; \{24, 8^5, 6^3, 3^2, 2^2\})$	22528
24	$\mathcal{O}(0; \{24, 8^5, 6^4, 2^3\})$	10240
24	$\mathcal{O}(0; \{24, 8^5, 6^4, 4^2\})$	40960
24	$\mathcal{O}(0; \{24, 8^5, 6^5, 3\})$	43008
24	$\mathcal{O}(0; \{24, 8^7, 4, 3^2, 2^2\})$	65536
24	$\mathcal{O}(0; \{24, 8^7, 6, 4, 2^3\})$	65536
24	$\mathcal{O}(0; \{24, 8^7, 6, 4^3\})$	262144
24	$\mathcal{O}(0; \{24, 8^7, 6^2, 4, 3\})$	196608
24	$\mathcal{O}(0; \{24, 8^9, 3^2\})$	524288
24	$\mathcal{O}(0; \{24, 8^9, 6, 2\})$	524288
24	$\mathcal{O}(0; \{24, 12, 8, 4, 3, 2^{12}\})$	32
24	$\mathcal{O}(0; \{24, 12, 8, 4, 3^4, 2^8\})$	352
24	$\mathcal{O}(0; \{24, 12, 8, 4, 3^7, 2^4\})$	2720
24	$\mathcal{O}(0; \{24, 12, 8, 4, 3^{10}\})$	21856
24	$\mathcal{O}(0; \{24, 12, 8, 4^3, 3, 2^9\})$	128
24	$\mathcal{O}(0; \{24, 12, 8, 4^3, 3^4, 2^5\})$	1408
24	$\mathcal{O}(0; \{24, 12, 8, 4^3, 3^7, 2\})$	10880
24	$\mathcal{O}(0; \{24, 12, 8, 4^5, 3, 2^6\})$	512
24	$\mathcal{O}(0; \{24, 12, 8, 4^5, 3^4, 2^2\})$	5632
24	$\mathcal{O}(0; \{24, 12, 8, 4^7, 3, 2^3\})$	2048
24	$\mathcal{O}(0; \{24, 12, 8, 4^9, 3\})$	8192
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4, 3^2, 2^9\})$	160
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4, 3^5, 2^5\})$	1376
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4, 3^8, 2\})$	10912
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^3, 3^2, 2^6\})$	640
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^3, 3^5, 2^2\})$	5504
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^5, 3^2, 2^3\})$	2560
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^7, 3^2\})$	10240
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4, 2^{10}\})$	96
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4, 3^3, 2^6\})$	672
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4, 3^6, 2^2\})$	5472
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^3, 2^7\})$	384
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^3, 3^3, 2^3\})$	2688
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^5, 2^4\})$	1536
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^5, 3^3\})$	10752

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^7, 2\})$	6144
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4, 3, 2^7\})$	352
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4, 3^4, 2^3\})$	2720
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4^3, 3, 2^4\})$	1408
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4^3, 3^4\})$	10880
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4^5, 3, 2\})$	5632
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 4, 3^2, 2^4\})$	1376
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 4, 3^5\})$	10912
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 4^3, 3^2, 2\})$	5504
24	$\mathcal{O}(0; \{24, 12, 8, 6^5, 4, 2^5\})$	672
24	$\mathcal{O}(0; \{24, 12, 8, 6^5, 4, 3^3, 2\})$	5472
24	$\mathcal{O}(0; \{24, 12, 8, 6^5, 4^3, 2^2\})$	2688
24	$\mathcal{O}(0; \{24, 12, 8, 6^6, 4, 3, 2^2\})$	2720
24	$\mathcal{O}(0; \{24, 12, 8, 6^8, 4\})$	5472
24	$\mathcal{O}(0; \{24, 12, 8^3, 3, 2^{10}\})$	256
24	$\mathcal{O}(0; \{24, 12, 8^3, 3^4, 2^6\})$	2816
24	$\mathcal{O}(0; \{24, 12, 8^3, 3^7, 2^2\})$	21760
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^2, 3, 2^7\})$	1024
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^2, 3^4, 2^3\})$	11264
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^4, 3, 2^4\})$	4096
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^4, 3^4\})$	45056
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^6, 3, 2\})$	16384
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 3^2, 2^7\})$	1280
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 3^5, 2^3\})$	11008
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4^2, 3^2, 2^4\})$	5120
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4^2, 3^5\})$	44032
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4^4, 3^2, 2\})$	20480
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 2^8\})$	768
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 3^3, 2^4\})$	5376
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 3^6\})$	43776
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 4^2, 2^5\})$	3072
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 4^2, 3^3, 2\})$	21504
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 4^4, 2^2\})$	12288
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^3, 3, 2^5\})$	2816
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^3, 3^4, 2\})$	21760
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^3, 4^2, 3, 2^2\})$	11264
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^4, 3^2, 2^2\})$	11008
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^5, 2^3\})$	5376
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^5, 4^2\})$	21504
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^6, 3\})$	21760
24	$\mathcal{O}(0; \{24, 12, 8^5, 4, 3, 2^5\})$	8192
24	$\mathcal{O}(0; \{24, 12, 8^5, 4, 3^4, 2\})$	90112
24	$\mathcal{O}(0; \{24, 12, 8^5, 4^3, 3, 2^2\})$	32768

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12, 8^5, 6, 4, 3^2, 2^2\})$	40960
24	$\mathcal{O}(0; \{24, 12, 8^5, 6^2, 4, 2^3\})$	24576
24	$\mathcal{O}(0; \{24, 12, 8^5, 6^2, 4^3\})$	98304
24	$\mathcal{O}(0; \{24, 12, 8^5, 6^3, 4, 3\})$	90112
24	$\mathcal{O}(0; \{24, 12, 8^7, 3, 2^3\})$	65536
24	$\mathcal{O}(0; \{24, 12, 8^7, 4^2, 3\})$	262144
24	$\mathcal{O}(0; \{24, 12, 8^7, 6, 3^2\})$	327680
24	$\mathcal{O}(0; \{24, 12, 8^7, 6^2, 2\})$	196608
24	$\mathcal{O}(0; \{24, 12^2, 8, 2^{13}\})$	32
24	$\mathcal{O}(0; \{24, 12^2, 8, 3^3, 2^9\})$	352
24	$\mathcal{O}(0; \{24, 12^2, 8, 3^6, 2^5\})$	2720
24	$\mathcal{O}(0; \{24, 12^2, 8, 3^9, 2\})$	21856
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^2, 2^{10}\})$	128
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^2, 3^3, 2^6\})$	1408
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^2, 3^6, 2^2\})$	10880
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^4, 2^7\})$	512
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^4, 3^3, 2^3\})$	5632
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^6, 2^4\})$	2048
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^6, 3^3\})$	22528
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^8, 2\})$	8192
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 3, 2^{10}\})$	160
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 3^4, 2^6\})$	1376
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 3^7, 2^2\})$	10912
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^2, 3, 2^7\})$	640
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^2, 3^4, 2^3\})$	5504
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^4, 3, 2^4\})$	2560
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^4, 3^4\})$	22016
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^6, 3, 2\})$	10240
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 3^2, 2^7\})$	672
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 3^5, 2^3\})$	5472
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4^2, 3^2, 2^4\})$	2688
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4^2, 3^5\})$	21888
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4^4, 3^2, 2\})$	10752
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 2^8\})$	352
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 3^3, 2^4\})$	2720
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 3^6\})$	21856
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 4^2, 2^5\})$	1408
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 4^2, 3^3, 2\})$	10880
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 4^4, 2^2\})$	5632
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^4, 3, 2^5\})$	1376
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^4, 3^4, 2\})$	10912
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^4, 4^2, 3, 2^2\})$	5504
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^5, 3^2, 2^2\})$	5472

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^6, 2^3\})$	2720
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^6, 4^2\})$	10880
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^7, 3\})$	10912
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4, 2^8\})$	1024
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4, 3^3, 2^4\})$	11264
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4, 3^6\})$	87040
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4^3, 2^5\})$	4096
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4^3, 3^3, 2\})$	45056
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4^5, 2^2\})$	16384
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6, 4, 3, 2^5\})$	5120
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6, 4, 3^4, 2\})$	44032
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6, 4^3, 3, 2^2\})$	20480
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^2, 4, 3^2, 2^2\})$	21504
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^3, 4, 2^3\})$	11264
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^3, 4^3\})$	45056
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^4, 4, 3\})$	44032
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 2^6\})$	8192
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 3^3, 2^2\})$	90112
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 4^2, 2^3\})$	32768
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 4^4\})$	131072
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 6, 3, 2^3\})$	40960
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 6, 4^2, 3\})$	163840
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 6^2, 3^2\})$	172032
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 6^3, 2\})$	90112
24	$\mathcal{O}(0; \{24, 12^2, 8^7, 4, 2\})$	262144
24	$\mathcal{O}(0; \{24, 12^3, 8, 4, 3^2, 2^7\})$	1408
24	$\mathcal{O}(0; \{24, 12^3, 8, 4, 3^5, 2^3\})$	10880
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^3, 3^2, 2^4\})$	5632
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^3, 3^5\})$	43520
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^5, 3^2, 2\})$	22528
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4, 2^8\})$	640
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4, 3^3, 2^4\})$	5504
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4, 3^6\})$	43648
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4^3, 2^5\})$	2560
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4^3, 3^3, 2\})$	22016
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4^5, 2^2\})$	10240
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^2, 4, 3, 2^5\})$	2688
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^2, 4, 3^4, 2\})$	21888
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^2, 4^3, 3, 2^2\})$	10752
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^3, 4, 3^2, 2^2\})$	10880
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^4, 4, 2^3\})$	5504
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^4, 4^3\})$	22016
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^5, 4, 3\})$	21888

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 3^2, 2^5\})$	11264
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 3^5, 2\})$	87040
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 4^2, 3^2, 2^2\})$	45056
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6, 2^6\})$	5120
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6, 3^3, 2^2\})$	44032
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6, 4^2, 2^3\})$	20480
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6, 4^4\})$	81920
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6^2, 3, 2^3\})$	21504
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6^2, 4^2, 3\})$	86016
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6^3, 3^2\})$	87040
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6^4, 2\})$	44032
24	$\mathcal{O}(0; \{24, 12^3, 8^5, 4, 3^2\})$	360448
24	$\mathcal{O}(0; \{24, 12^3, 8^5, 6, 4, 2\})$	163840
24	$\mathcal{O}(0; \{24, 12^4, 8, 3, 2^8\})$	1408
24	$\mathcal{O}(0; \{24, 12^4, 8, 3^4, 2^4\})$	10880
24	$\mathcal{O}(0; \{24, 12^4, 8, 3^7\})$	87424
24	$\mathcal{O}(0; \{24, 12^4, 8, 4^2, 3, 2^5\})$	5632
24	$\mathcal{O}(0; \{24, 12^4, 8, 4^2, 3^4, 2\})$	43520
24	$\mathcal{O}(0; \{24, 12^4, 8, 4^4, 3, 2^2\})$	22528
24	$\mathcal{O}(0; \{24, 12^4, 8, 6, 3^2, 2^5\})$	5504
24	$\mathcal{O}(0; \{24, 12^4, 8, 6, 3^5, 2\})$	43648
24	$\mathcal{O}(0; \{24, 12^4, 8, 6, 4^2, 3^2, 2^2\})$	22016
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^2, 2^6\})$	2688
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^2, 3^3, 2^2\})$	21888
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^2, 4^2, 2^3\})$	10752
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^2, 4^4\})$	43008
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^3, 3, 2^3\})$	10880
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^3, 4^2, 3\})$	43520
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^4, 3^2\})$	43648
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^5, 2\})$	21888
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 4, 3, 2^3\})$	45056
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 4^3, 3\})$	180224
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 6, 4, 3^2\})$	176128
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 6^2, 4, 2\})$	86016
24	$\mathcal{O}(0; \{24, 12^4, 8^5, 3, 2\})$	360448
24	$\mathcal{O}(0; \{24, 12^5, 8, 4, 2^6\})$	5632
24	$\mathcal{O}(0; \{24, 12^5, 8, 4, 3^3, 2^2\})$	43520
24	$\mathcal{O}(0; \{24, 12^5, 8, 4^3, 2^3\})$	22528
24	$\mathcal{O}(0; \{24, 12^5, 8, 4^5\})$	90112
24	$\mathcal{O}(0; \{24, 12^5, 8, 6, 4, 3, 2^3\})$	22016
24	$\mathcal{O}(0; \{24, 12^5, 8, 6, 4^3, 3\})$	88064
24	$\mathcal{O}(0; \{24, 12^5, 8, 6^2, 4, 3^2\})$	87552
24	$\mathcal{O}(0; \{24, 12^5, 8, 6^3, 4, 2\})$	43520

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12^5, 8^3, 2^4\})$	45056
24	$\mathcal{O}(0; \{24, 12^5, 8^3, 3^3\})$	348160
24	$\mathcal{O}(0; \{24, 12^5, 8^3, 4^2, 2\})$	180224
24	$\mathcal{O}(0; \{24, 12^5, 8^3, 6, 3, 2\})$	176128
24	$\mathcal{O}(0; \{24, 12^6, 8, 3^2, 2^3\})$	43520
24	$\mathcal{O}(0; \{24, 12^6, 8, 4^2, 3^2\})$	174080
24	$\mathcal{O}(0; \{24, 12^6, 8, 6, 2^4\})$	22016
24	$\mathcal{O}(0; \{24, 12^6, 8, 6, 3^3\})$	174592
24	$\mathcal{O}(0; \{24, 12^6, 8, 6, 4^2, 2\})$	88064
24	$\mathcal{O}(0; \{24, 12^6, 8, 6^2, 3, 2\})$	87552
24	$\mathcal{O}(0; \{24, 12^7, 8, 4, 3, 2\})$	174080
24	$\mathcal{O}(0; \{24, 12^8, 8, 2^2\})$	174080
24	$\mathcal{O}(0; \{24^2, 4, 2^{15}\})$	16
24	$\mathcal{O}(0; \{24^2, 4, 3^3, 2^{11}\})$	80
24	$\mathcal{O}(0; \{24^2, 4, 3^6, 2^7\})$	688
24	$\mathcal{O}(0; \{24^2, 4, 3^9, 2^3\})$	5456
24	$\mathcal{O}(0; \{24^2, 4^3, 2^{12}\})$	64
24	$\mathcal{O}(0; \{24^2, 4^3, 3^3, 2^8\})$	320
24	$\mathcal{O}(0; \{24^2, 4^3, 3^6, 2^4\})$	2752
24	$\mathcal{O}(0; \{24^2, 4^3, 3^9\})$	21824
24	$\mathcal{O}(0; \{24^2, 4^5, 2^9\})$	256
24	$\mathcal{O}(0; \{24^2, 4^5, 3^3, 2^5\})$	1280
24	$\mathcal{O}(0; \{24^2, 4^5, 3^6, 2\})$	11008
24	$\mathcal{O}(0; \{24^2, 4^7, 2^6\})$	1024
24	$\mathcal{O}(0; \{24^2, 4^7, 3^3, 2^2\})$	5120
24	$\mathcal{O}(0; \{24^2, 4^9, 2^3\})$	4096
24	$\mathcal{O}(0; \{24^2, 4^{11}\})$	16384
24	$\mathcal{O}(0; \{24^2, 6, 4, 3, 2^{12}\})$	48
24	$\mathcal{O}(0; \{24^2, 6, 4, 3^4, 2^8\})$	336
24	$\mathcal{O}(0; \{24^2, 6, 4, 3^7, 2^4\})$	2736
24	$\mathcal{O}(0; \{24^2, 6, 4, 3^{10}\})$	21840
24	$\mathcal{O}(0; \{24^2, 6, 4^3, 3, 2^9\})$	192
24	$\mathcal{O}(0; \{24^2, 6, 4^3, 3^4, 2^5\})$	1344
24	$\mathcal{O}(0; \{24^2, 6, 4^3, 3^7, 2\})$	10944
24	$\mathcal{O}(0; \{24^2, 6, 4^5, 3, 2^6\})$	768
24	$\mathcal{O}(0; \{24^2, 6, 4^5, 3^4, 2^2\})$	5376
24	$\mathcal{O}(0; \{24^2, 6, 4^7, 3, 2^3\})$	3072
24	$\mathcal{O}(0; \{24^2, 6, 4^9, 3\})$	12288
24	$\mathcal{O}(0; \{24^2, 6^2, 4, 3^2, 2^9\})$	176
24	$\mathcal{O}(0; \{24^2, 6^2, 4, 3^5, 2^5\})$	1360
24	$\mathcal{O}(0; \{24^2, 6^2, 4, 3^8, 2\})$	10928
24	$\mathcal{O}(0; \{24^2, 6^2, 4^3, 3^2, 2^6\})$	704
24	$\mathcal{O}(0; \{24^2, 6^2, 4^3, 3^5, 2^2\})$	5440

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 6^2, 4^5, 3^2, 2^3\})$	2816
24	$\mathcal{O}(0; \{24^2, 6^2, 4^7, 3^2\})$	11264
24	$\mathcal{O}(0; \{24^2, 6^3, 4, 2^{10}\})$	80
24	$\mathcal{O}(0; \{24^2, 6^3, 4, 3^3, 2^6\})$	688
24	$\mathcal{O}(0; \{24^2, 6^3, 4, 3^6, 2^2\})$	5456
24	$\mathcal{O}(0; \{24^2, 6^3, 4^3, 2^7\})$	320
24	$\mathcal{O}(0; \{24^2, 6^3, 4^3, 3^3, 2^3\})$	2752
24	$\mathcal{O}(0; \{24^2, 6^3, 4^5, 2^4\})$	1280
24	$\mathcal{O}(0; \{24^2, 6^3, 4^5, 3^3\})$	11008
24	$\mathcal{O}(0; \{24^2, 6^3, 4^7, 2\})$	5120
24	$\mathcal{O}(0; \{24^2, 6^4, 4, 3, 2^7\})$	336
24	$\mathcal{O}(0; \{24^2, 6^4, 4, 3^4, 2^3\})$	2736
24	$\mathcal{O}(0; \{24^2, 6^4, 4^3, 3, 2^4\})$	1344
24	$\mathcal{O}(0; \{24^2, 6^4, 4^3, 3^4\})$	10944
24	$\mathcal{O}(0; \{24^2, 6^4, 4^5, 3, 2\})$	5376
24	$\mathcal{O}(0; \{24^2, 6^5, 4, 3^2, 2^4\})$	1360
24	$\mathcal{O}(0; \{24^2, 6^5, 4, 3^5\})$	10928
24	$\mathcal{O}(0; \{24^2, 6^5, 4^3, 3^2, 2\})$	5440
24	$\mathcal{O}(0; \{24^2, 6^6, 4, 2^5\})$	688
24	$\mathcal{O}(0; \{24^2, 6^6, 4, 3^3, 2\})$	5456
24	$\mathcal{O}(0; \{24^2, 6^6, 4^3, 2^2\})$	2752
24	$\mathcal{O}(0; \{24^2, 6^7, 4, 3, 2^2\})$	2736
24	$\mathcal{O}(0; \{24^2, 6^9, 4\})$	5456
24	$\mathcal{O}(0; \{24^2, 8^2, 2^{13}\})$	128
24	$\mathcal{O}(0; \{24^2, 8^2, 3^3, 2^9\})$	640
24	$\mathcal{O}(0; \{24^2, 8^2, 3^6, 2^5\})$	5504
24	$\mathcal{O}(0; \{24^2, 8^2, 3^9, 2\})$	43648
24	$\mathcal{O}(0; \{24^2, 8^2, 4^2, 2^{10}\})$	512
24	$\mathcal{O}(0; \{24^2, 8^2, 4^2, 3^3, 2^6\})$	2560
24	$\mathcal{O}(0; \{24^2, 8^2, 4^2, 3^6, 2^2\})$	22016
24	$\mathcal{O}(0; \{24^2, 8^2, 4^4, 2^7\})$	2048
24	$\mathcal{O}(0; \{24^2, 8^2, 4^4, 3^3, 2^3\})$	10240
24	$\mathcal{O}(0; \{24^2, 8^2, 4^6, 2^4\})$	8192
24	$\mathcal{O}(0; \{24^2, 8^2, 4^6, 3^3\})$	40960
24	$\mathcal{O}(0; \{24^2, 8^2, 4^8, 2\})$	32768
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 3, 2^{10}\})$	384
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 3^4, 2^6\})$	2688
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 3^7, 2^2\})$	21888
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^2, 3, 2^7\})$	1536
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^2, 3^4, 2^3\})$	10752
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^4, 3, 2^4\})$	6144
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^4, 3^4\})$	43008
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^6, 3, 2\})$	24576

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 3^2, 2^7\})$	1408
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 3^5, 2^3\})$	10880
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4^2, 3^2, 2^4\})$	5632
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4^2, 3^5\})$	43520
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4^4, 3^2, 2\})$	22528
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 2^8\})$	640
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 3^3, 2^4\})$	5504
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 3^6\})$	43648
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 4^2, 2^5\})$	2560
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 4^2, 3^3, 2\})$	22016
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 4^4, 2^2\})$	10240
24	$\mathcal{O}(0; \{24^2, 8^2, 6^4, 3, 2^5\})$	2688
24	$\mathcal{O}(0; \{24^2, 8^2, 6^4, 3^4, 2\})$	21888
24	$\mathcal{O}(0; \{24^2, 8^2, 6^4, 4^2, 3, 2^2\})$	10752
24	$\mathcal{O}(0; \{24^2, 8^2, 6^5, 3^2, 2^2\})$	10880
24	$\mathcal{O}(0; \{24^2, 8^2, 6^6, 2^3\})$	5504
24	$\mathcal{O}(0; \{24^2, 8^2, 6^6, 4^2\})$	22016
24	$\mathcal{O}(0; \{24^2, 8^2, 6^7, 3\})$	21888
24	$\mathcal{O}(0; \{24^2, 8^4, 4, 2^8\})$	4096
24	$\mathcal{O}(0; \{24^2, 8^4, 4, 3^3, 2^4\})$	20480
24	$\mathcal{O}(0; \{24^2, 8^4, 4, 3^6\})$	176128
24	$\mathcal{O}(0; \{24^2, 8^4, 4^3, 2^5\})$	16384
24	$\mathcal{O}(0; \{24^2, 8^4, 4^3, 3^3, 2\})$	81920
24	$\mathcal{O}(0; \{24^2, 8^4, 4^5, 2^2\})$	65536
24	$\mathcal{O}(0; \{24^2, 8^4, 6, 4, 3, 2^5\})$	12288
24	$\mathcal{O}(0; \{24^2, 8^4, 6, 4, 3^4, 2\})$	86016
24	$\mathcal{O}(0; \{24^2, 8^4, 6, 4^3, 3, 2^2\})$	49152
24	$\mathcal{O}(0; \{24^2, 8^4, 6^2, 4, 3^2, 2^2\})$	45056
24	$\mathcal{O}(0; \{24^2, 8^4, 6^3, 4, 2^3\})$	20480
24	$\mathcal{O}(0; \{24^2, 8^4, 6^3, 4^3\})$	81920
24	$\mathcal{O}(0; \{24^2, 8^4, 6^4, 4, 3\})$	86016
24	$\mathcal{O}(0; \{24^2, 8^6, 2^6\})$	32768
24	$\mathcal{O}(0; \{24^2, 8^6, 3^3, 2^2\})$	163840
24	$\mathcal{O}(0; \{24^2, 8^6, 4^2, 2^3\})$	131072
24	$\mathcal{O}(0; \{24^2, 8^6, 4^4\})$	524288
24	$\mathcal{O}(0; \{24^2, 8^6, 6, 3, 2^3\})$	98304
24	$\mathcal{O}(0; \{24^2, 8^6, 6, 4^2, 3\})$	393216
24	$\mathcal{O}(0; \{24^2, 8^6, 6^2, 3^2\})$	360448
24	$\mathcal{O}(0; \{24^2, 8^6, 6^3, 2\})$	163840
24	$\mathcal{O}(0; \{24^2, 8^8, 4, 2\})$	1048576
24	$\mathcal{O}(0; \{24^2, 12, 3^2, 2^{12}\})$	80
24	$\mathcal{O}(0; \{24^2, 12, 3^5, 2^8\})$	688
24	$\mathcal{O}(0; \{24^2, 12, 3^8, 2^4\})$	5456

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12, 3^{11}\})$	43696
24	$\mathcal{O}(0; \{24^2, 12, 4^2, 3^2, 2^9\})$	320
24	$\mathcal{O}(0; \{24^2, 12, 4^2, 3^5, 2^5\})$	2752
24	$\mathcal{O}(0; \{24^2, 12, 4^2, 3^8, 2\})$	21824
24	$\mathcal{O}(0; \{24^2, 12, 4^4, 3^2, 2^6\})$	1280
24	$\mathcal{O}(0; \{24^2, 12, 4^4, 3^5, 2^2\})$	11008
24	$\mathcal{O}(0; \{24^2, 12, 4^6, 3^2, 2^3\})$	5120
24	$\mathcal{O}(0; \{24^2, 12, 4^8, 3^2\})$	20480
24	$\mathcal{O}(0; \{24^2, 12, 6, 2^{13}\})$	48
24	$\mathcal{O}(0; \{24^2, 12, 6, 3^3, 2^9\})$	336
24	$\mathcal{O}(0; \{24^2, 12, 6, 3^6, 2^5\})$	2736
24	$\mathcal{O}(0; \{24^2, 12, 6, 3^9, 2\})$	21840
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^2, 2^{10}\})$	192
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^2, 3^3, 2^6\})$	1344
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^2, 3^6, 2^2\})$	10944
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^4, 2^7\})$	768
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^4, 3^3, 2^3\})$	5376
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^6, 2^4\})$	3072
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^6, 3^3\})$	21504
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^8, 2\})$	12288
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 3, 2^{10}\})$	176
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 3^4, 2^6\})$	1360
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 3^7, 2^2\})$	10928
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^2, 3, 2^7\})$	704
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^2, 3^4, 2^3\})$	5440
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^4, 3, 2^4\})$	2816
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^4, 3^4\})$	21760
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^6, 3, 2\})$	11264
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 3^2, 2^7\})$	688
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 3^5, 2^3\})$	5456
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4^2, 3^2, 2^4\})$	2752
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4^2, 3^5\})$	21824
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4^4, 3^2, 2\})$	11008
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 2^8\})$	336
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 3^3, 2^4\})$	2736
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 3^6\})$	21840
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 4^2, 2^5\})$	1344
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 4^2, 3^3, 2\})$	10944
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 4^4, 2^2\})$	5376
24	$\mathcal{O}(0; \{24^2, 12, 6^5, 3, 2^5\})$	1360
24	$\mathcal{O}(0; \{24^2, 12, 6^5, 3^4, 2\})$	10928
24	$\mathcal{O}(0; \{24^2, 12, 6^5, 4^2, 3, 2^2\})$	5440
24	$\mathcal{O}(0; \{24^2, 12, 6^6, 3^2, 2^2\})$	5456

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12, 6^7, 2^3\})$	2736
24	$\mathcal{O}(0; \{24^2, 12, 6^7, 4^2\})$	10944
24	$\mathcal{O}(0; \{24^2, 12, 6^8, 3\})$	10928
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4, 3^2, 2^7\})$	2560
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4, 3^5, 2^3\})$	22016
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^3, 3^2, 2^4\})$	10240
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^3, 3^5\})$	88064
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^5, 3^2, 2\})$	40960
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4, 2^8\})$	1536
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4, 3^3, 2^4\})$	10752
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4, 3^6\})$	87552
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4^3, 2^5\})$	6144
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4^3, 3^3, 2\})$	43008
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4^5, 2^2\})$	24576
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^2, 4, 3, 2^5\})$	5632
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^2, 4, 3^4, 2\})$	43520
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^2, 4^3, 3, 2^2\})$	22528
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^3, 4, 3^2, 2^2\})$	22016
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^4, 4, 2^3\})$	10752
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^4, 4^3\})$	43008
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^5, 4, 3\})$	43520
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 3^2, 2^5\})$	20480
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 3^5, 2\})$	176128
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 4^2, 3^2, 2^2\})$	81920
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6, 2^6\})$	12288
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6, 3^3, 2^2\})$	86016
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6, 4^2, 2^3\})$	49152
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6, 4^4\})$	196608
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6^2, 3, 2^3\})$	45056
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6^2, 4^2, 3\})$	180224
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6^3, 3^2\})$	176128
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6^4, 2\})$	86016
24	$\mathcal{O}(0; \{24^2, 12, 8^6, 4, 3^2\})$	655360
24	$\mathcal{O}(0; \{24^2, 12, 8^6, 6, 4, 2\})$	393216
24	$\mathcal{O}(0; \{24^2, 12^2, 4, 3, 2^{10}\})$	320
24	$\mathcal{O}(0; \{24^2, 12^2, 4, 3^4, 2^6\})$	2752
24	$\mathcal{O}(0; \{24^2, 12^2, 4, 3^7, 2^2\})$	21824
24	$\mathcal{O}(0; \{24^2, 12^2, 4^3, 3, 2^7\})$	1280
24	$\mathcal{O}(0; \{24^2, 12^2, 4^3, 3^4, 2^3\})$	11008
24	$\mathcal{O}(0; \{24^2, 12^2, 4^5, 3, 2^4\})$	5120
24	$\mathcal{O}(0; \{24^2, 12^2, 4^5, 3^4\})$	44032
24	$\mathcal{O}(0; \{24^2, 12^2, 4^7, 3, 2\})$	20480
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4, 3^2, 2^7\})$	1344

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4, 3^5, 2^3\})$	10944
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^3, 3^2, 2^4\})$	5376
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^3, 3^5\})$	43776
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^5, 3^2, 2\})$	21504
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4, 2^8\})$	704
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4, 3^3, 2^4\})$	5440
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4, 3^6\})$	43712
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4^3, 2^5\})$	2816
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4^3, 3^3, 2\})$	21760
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4^5, 2^2\})$	11264
24	$\mathcal{O}(0; \{24^2, 12^2, 6^3, 4, 3, 2^5\})$	2752
24	$\mathcal{O}(0; \{24^2, 12^2, 6^3, 4, 3^4, 2\})$	21824
24	$\mathcal{O}(0; \{24^2, 12^2, 6^3, 4^3, 3, 2^2\})$	11008
24	$\mathcal{O}(0; \{24^2, 12^2, 6^4, 4, 3^2, 2^2\})$	10944
24	$\mathcal{O}(0; \{24^2, 12^2, 6^5, 4, 2^3\})$	5440
24	$\mathcal{O}(0; \{24^2, 12^2, 6^5, 4^3\})$	21760
24	$\mathcal{O}(0; \{24^2, 12^2, 6^6, 4, 3\})$	21824
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 3, 2^8\})$	2560
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 3^4, 2^4\})$	22016
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 3^7\})$	174592
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 4^2, 3, 2^5\})$	10240
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 4^2, 3^4, 2\})$	88064
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 4^4, 3, 2^2\})$	40960
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6, 3^2, 2^5\})$	10752
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6, 3^5, 2\})$	87552
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6, 4^2, 3^2, 2^2\})$	43008
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^2, 2^6\})$	5632
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^2, 3^3, 2^2\})$	43520
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^2, 4^2, 2^3\})$	22528
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^2, 4^4\})$	90112
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^3, 3, 2^3\})$	22016
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^3, 4^2, 3\})$	88064
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^4, 3^2\})$	87552
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^5, 2\})$	43520
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 4, 3, 2^3\})$	81920
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 4^3, 3\})$	327680
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 6, 4, 3^2\})$	344064
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 6^2, 4, 2\})$	180224
24	$\mathcal{O}(0; \{24^2, 12^2, 8^6, 3, 2\})$	655360
24	$\mathcal{O}(0; \{24^2, 12^3, 2^{11}\})$	320
24	$\mathcal{O}(0; \{24^2, 12^3, 3^3, 2^7\})$	2752
24	$\mathcal{O}(0; \{24^2, 12^3, 3^6, 2^3\})$	21824
24	$\mathcal{O}(0; \{24^2, 12^3, 4^2, 2^8\})$	1280

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12^3, 4^2, 3^3, 2^4\})$	11008
24	$\mathcal{O}(0; \{24^2, 12^3, 4^2, 3^6\})$	87296
24	$\mathcal{O}(0; \{24^2, 12^3, 4^4, 2^5\})$	5120
24	$\mathcal{O}(0; \{24^2, 12^3, 4^4, 3^3, 2\})$	44032
24	$\mathcal{O}(0; \{24^2, 12^3, 4^6, 2^2\})$	20480
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 3, 2^8\})$	1344
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 3^4, 2^4\})$	10944
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 3^7\})$	87360
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 4^2, 3, 2^5\})$	5376
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 4^2, 3^4, 2\})$	43776
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 4^4, 3, 2^2\})$	21504
24	$\mathcal{O}(0; \{24^2, 12^3, 6^2, 3^2, 2^5\})$	5440
24	$\mathcal{O}(0; \{24^2, 12^3, 6^2, 3^5, 2\})$	43712
24	$\mathcal{O}(0; \{24^2, 12^3, 6^2, 4^2, 3^2, 2^2\})$	21760
24	$\mathcal{O}(0; \{24^2, 12^3, 6^3, 2^6\})$	2752
24	$\mathcal{O}(0; \{24^2, 12^3, 6^3, 3^3, 2^2\})$	21824
24	$\mathcal{O}(0; \{24^2, 12^3, 6^3, 4^2, 2^3\})$	11008
24	$\mathcal{O}(0; \{24^2, 12^3, 6^3, 4^4\})$	44032
24	$\mathcal{O}(0; \{24^2, 12^3, 6^4, 3, 2^3\})$	10944
24	$\mathcal{O}(0; \{24^2, 12^3, 6^4, 4^2, 3\})$	43776
24	$\mathcal{O}(0; \{24^2, 12^3, 6^5, 3^2\})$	43712
24	$\mathcal{O}(0; \{24^2, 12^3, 6^6, 2\})$	21824
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 4, 2^6\})$	10240
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 4, 3^3, 2^2\})$	88064
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 4^3, 2^3\})$	40960
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 4^5\})$	163840
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6, 4, 3, 2^3\})$	43008
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6, 4^3, 3\})$	172032
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6^2, 4, 3^2\})$	174080
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6^3, 4, 2\})$	88064
24	$\mathcal{O}(0; \{24^2, 12^3, 8^4, 2^4\})$	81920
24	$\mathcal{O}(0; \{24^2, 12^3, 8^4, 3^3\})$	704512
24	$\mathcal{O}(0; \{24^2, 12^3, 8^4, 4^2, 2\})$	327680
24	$\mathcal{O}(0; \{24^2, 12^3, 8^4, 6, 3, 2\})$	344064
24	$\mathcal{O}(0; \{24^2, 12^4, 4, 3^2, 2^5\})$	11008
24	$\mathcal{O}(0; \{24^2, 12^4, 4, 3^5, 2\})$	87296
24	$\mathcal{O}(0; \{24^2, 12^4, 4^3, 3^2, 2^2\})$	44032
24	$\mathcal{O}(0; \{24^2, 12^4, 6, 4, 2^6\})$	5376
24	$\mathcal{O}(0; \{24^2, 12^4, 6, 4, 3^3, 2^2\})$	43776
24	$\mathcal{O}(0; \{24^2, 12^4, 6, 4^3, 2^3\})$	21504
24	$\mathcal{O}(0; \{24^2, 12^4, 6, 4^5\})$	86016
24	$\mathcal{O}(0; \{24^2, 12^4, 6^2, 4, 3, 2^3\})$	21760
24	$\mathcal{O}(0; \{24^2, 12^4, 6^2, 4^3, 3\})$	87040

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12^4, 6^3, 4, 3^2\})$	87296
24	$\mathcal{O}(0; \{24^2, 12^4, 6^4, 4, 2\})$	43776
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 3^2, 2^3\})$	88064
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 4^2, 3^2\})$	352256
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 6, 2^4\})$	43008
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 6, 3^3\})$	350208
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 6, 4^2, 2\})$	172032
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 6^2, 3, 2\})$	174080
24	$\mathcal{O}(0; \{24^2, 12^5, 3, 2^6\})$	11008
24	$\mathcal{O}(0; \{24^2, 12^5, 3^4, 2^2\})$	87296
24	$\mathcal{O}(0; \{24^2, 12^5, 4^2, 3, 2^3\})$	44032
24	$\mathcal{O}(0; \{24^2, 12^5, 4^4, 3\})$	176128
24	$\mathcal{O}(0; \{24^2, 12^5, 6, 3^2, 2^3\})$	43776
24	$\mathcal{O}(0; \{24^2, 12^5, 6, 4^2, 3^2\})$	175104
24	$\mathcal{O}(0; \{24^2, 12^5, 6^2, 2^4\})$	21760
24	$\mathcal{O}(0; \{24^2, 12^5, 6^2, 3^3\})$	174848
24	$\mathcal{O}(0; \{24^2, 12^5, 6^2, 4^2, 2\})$	87040
24	$\mathcal{O}(0; \{24^2, 12^5, 6^3, 3, 2\})$	87296
24	$\mathcal{O}(0; \{24^2, 12^5, 8^2, 4, 3, 2\})$	352256
24	$\mathcal{O}(0; \{24^2, 12^6, 4, 2^4\})$	44032
24	$\mathcal{O}(0; \{24^2, 12^6, 4, 3^3\})$	349184
24	$\mathcal{O}(0; \{24^2, 12^6, 4^3, 2\})$	176128
24	$\mathcal{O}(0; \{24^2, 12^6, 6, 4, 3, 2\})$	175104
24	$\mathcal{O}(0; \{24^2, 12^6, 8^2, 2^2\})$	352256
24	$\mathcal{O}(0; \{24^2, 12^7, 3^2, 2\})$	349184
24	$\mathcal{O}(0; \{24^2, 12^7, 6, 2^2\})$	175104
24	$\mathcal{O}(0; \{24^2, 12^9\})$	1396736
24	$\mathcal{O}(0; \{24^3, 8, 4, 3, 2^{10}\})$	768
24	$\mathcal{O}(0; \{24^3, 8, 4, 3^4, 2^6\})$	5376
24	$\mathcal{O}(0; \{24^3, 8, 4, 3^7, 2^2\})$	43776
24	$\mathcal{O}(0; \{24^3, 8, 4^3, 3, 2^7\})$	3072
24	$\mathcal{O}(0; \{24^3, 8, 4^3, 3^4, 2^3\})$	21504
24	$\mathcal{O}(0; \{24^3, 8, 4^5, 3, 2^4\})$	12288
24	$\mathcal{O}(0; \{24^3, 8, 4^5, 3^4\})$	86016
24	$\mathcal{O}(0; \{24^3, 8, 4^7, 3, 2\})$	49152
24	$\mathcal{O}(0; \{24^3, 8, 6, 4, 3^2, 2^7\})$	2816
24	$\mathcal{O}(0; \{24^3, 8, 6, 4, 3^5, 2^3\})$	21760
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^3, 3^2, 2^4\})$	11264
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^3, 3^5\})$	87040
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^5, 3^2, 2\})$	45056
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4, 2^8\})$	1280
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4, 3^3, 2^4\})$	11008
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4, 3^6\})$	87296

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4^3, 2^5\})$	5120
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4^3, 3^3, 2\})$	44032
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4^5, 2^2\})$	20480
24	$\mathcal{O}(0; \{24^3, 8, 6^3, 4, 3, 2^5\})$	5376
24	$\mathcal{O}(0; \{24^3, 8, 6^3, 4, 3^4, 2\})$	43776
24	$\mathcal{O}(0; \{24^3, 8, 6^3, 4^3, 3, 2^2\})$	21504
24	$\mathcal{O}(0; \{24^3, 8, 6^4, 4, 3^2, 2^2\})$	21760
24	$\mathcal{O}(0; \{24^3, 8, 6^5, 4, 2^3\})$	11008
24	$\mathcal{O}(0; \{24^3, 8, 6^5, 4^3\})$	44032
24	$\mathcal{O}(0; \{24^3, 8, 6^6, 4, 3\})$	43776
24	$\mathcal{O}(0; \{24^3, 8^3, 3, 2^8\})$	6144
24	$\mathcal{O}(0; \{24^3, 8^3, 3^4, 2^4\})$	43008
24	$\mathcal{O}(0; \{24^3, 8^3, 3^7\})$	350208
24	$\mathcal{O}(0; \{24^3, 8^3, 4^2, 3, 2^5\})$	24576
24	$\mathcal{O}(0; \{24^3, 8^3, 4^2, 3^4, 2\})$	172032
24	$\mathcal{O}(0; \{24^3, 8^3, 4^4, 3, 2^2\})$	98304
24	$\mathcal{O}(0; \{24^3, 8^3, 6, 3^2, 2^5\})$	22528
24	$\mathcal{O}(0; \{24^3, 8^3, 6, 3^5, 2\})$	174080
24	$\mathcal{O}(0; \{24^3, 8^3, 6, 4^2, 3^2, 2^2\})$	90112
24	$\mathcal{O}(0; \{24^3, 8^3, 6^2, 2^6\})$	10240
24	$\mathcal{O}(0; \{24^3, 8^3, 6^2, 3^3, 2^2\})$	88064
24	$\mathcal{O}(0; \{24^3, 8^3, 6^2, 4^2, 2^3\})$	40960
24	$\mathcal{O}(0; \{24^3, 8^3, 6^2, 4^4\})$	163840
24	$\mathcal{O}(0; \{24^3, 8^3, 6^3, 3, 2^3\})$	43008
24	$\mathcal{O}(0; \{24^3, 8^3, 6^3, 4^2, 3\})$	172032
24	$\mathcal{O}(0; \{24^3, 8^3, 6^4, 3^2\})$	174080
24	$\mathcal{O}(0; \{24^3, 8^3, 6^5, 2\})$	88064
24	$\mathcal{O}(0; \{24^3, 8^5, 4, 3, 2^3\})$	196608
24	$\mathcal{O}(0; \{24^3, 8^5, 4^3, 3\})$	786432
24	$\mathcal{O}(0; \{24^3, 8^5, 6, 4, 3^2\})$	720896
24	$\mathcal{O}(0; \{24^3, 8^5, 6^2, 4, 2\})$	327680
24	$\mathcal{O}(0; \{24^3, 8^7, 3, 2\})$	1572864
24	$\mathcal{O}(0; \{24^3, 12, 8, 2^{11}\})$	768
24	$\mathcal{O}(0; \{24^3, 12, 8, 3^3, 2^7\})$	5376
24	$\mathcal{O}(0; \{24^3, 12, 8, 3^6, 2^3\})$	43776
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^2, 2^8\})$	3072
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^2, 3^3, 2^4\})$	21504
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^2, 3^6\})$	175104
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^4, 2^5\})$	12288
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^4, 3^3, 2\})$	86016
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^6, 2^2\})$	49152
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 3, 2^8\})$	2816
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 3^4, 2^4\})$	21760

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 3^7\})$	174848
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 4^2, 3, 2^5\})$	11264
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 4^2, 3^4, 2\})$	87040
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 4^4, 3, 2^2\})$	45056
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^2, 3^2, 2^5\})$	11008
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^2, 3^5, 2\})$	87296
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^2, 4^2, 3^2, 2^2\})$	44032
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^3, 2^6\})$	5376
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^3, 3^3, 2^2\})$	43776
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^3, 4^2, 2^3\})$	21504
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^3, 4^4\})$	86016
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^4, 3, 2^3\})$	21760
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^4, 4^2, 3\})$	87040
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^5, 3^2\})$	87296
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^6, 2\})$	43776
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 4, 2^6\})$	24576
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 4, 3^3, 2^2\})$	172032
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 4^3, 2^3\})$	98304
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 4^5\})$	393216
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6, 4, 3, 2^3\})$	90112
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6, 4^3, 3\})$	360448
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6^2, 4, 3^2\})$	352256
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6^3, 4, 2\})$	172032
24	$\mathcal{O}(0; \{24^3, 12, 8^5, 2^4\})$	196608
24	$\mathcal{O}(0; \{24^3, 12, 8^5, 3^3\})$	1376256
24	$\mathcal{O}(0; \{24^3, 12, 8^5, 4^2, 2\})$	786432
24	$\mathcal{O}(0; \{24^3, 12, 8^5, 6, 3, 2\})$	720896
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 4, 3^2, 2^5\})$	21504
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 4, 3^5, 2\})$	175104
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 4^3, 3^2, 2^2\})$	86016
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6, 4, 2^6\})$	11264
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6, 4, 3^3, 2^2\})$	87040
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6, 4^3, 2^3\})$	45056
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6, 4^5\})$	180224
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^2, 4, 3, 2^3\})$	44032
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^2, 4^3, 3\})$	176128
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^3, 4, 3^2\})$	175104
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^4, 4, 2\})$	87040
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 3^2, 2^3\})$	172032
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 4^2, 3^2\})$	688128
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 6, 2^4\})$	90112
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 6, 3^3\})$	696320
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 6, 4^2, 2\})$	360448

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 6^2, 3, 2\})$	352256
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 3, 2^6\})$	21504
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 3^4, 2^2\})$	175104
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 4^2, 3, 2^3\})$	86016
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 4^4, 3\})$	344064
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6, 3^2, 2^3\})$	87040
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6, 4^2, 3^2\})$	348160
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6^2, 2^4\})$	44032
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6^2, 3^3\})$	349184
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6^2, 4^2, 2\})$	176128
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6^3, 3, 2\})$	175104
24	$\mathcal{O}(0; \{24^3, 12^3, 8^3, 4, 3, 2\})$	688128
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 4, 2^4\})$	86016
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 4, 3^3\})$	700416
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 4^3, 2\})$	344064
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 6, 4, 3, 2\})$	348160
24	$\mathcal{O}(0; \{24^3, 12^4, 8^3, 2^2\})$	688128
24	$\mathcal{O}(0; \{24^3, 12^5, 8, 3^2, 2\})$	700416
24	$\mathcal{O}(0; \{24^3, 12^5, 8, 6, 2^2\})$	348160
24	$\mathcal{O}(0; \{24^3, 12^7, 8\})$	2801664
24	$\mathcal{O}(0; \{24^4, 3^2, 2^{10}\})$	1408
24	$\mathcal{O}(0; \{24^4, 3^5, 2^6\})$	10880
24	$\mathcal{O}(0; \{24^4, 3^8, 2^2\})$	87424
24	$\mathcal{O}(0; \{24^4, 4^2, 3^2, 2^7\})$	5632
24	$\mathcal{O}(0; \{24^4, 4^2, 3^5, 2^3\})$	43520
24	$\mathcal{O}(0; \{24^4, 4^4, 3^2, 2^4\})$	22528
24	$\mathcal{O}(0; \{24^4, 4^4, 3^5\})$	174080
24	$\mathcal{O}(0; \{24^4, 4^6, 3^2, 2\})$	90112
24	$\mathcal{O}(0; \{24^4, 6, 2^{11}\})$	640
24	$\mathcal{O}(0; \{24^4, 6, 3^3, 2^7\})$	5504
24	$\mathcal{O}(0; \{24^4, 6, 3^6, 2^3\})$	43648
24	$\mathcal{O}(0; \{24^4, 6, 4^2, 2^8\})$	2560
24	$\mathcal{O}(0; \{24^4, 6, 4^2, 3^3, 2^4\})$	22016
24	$\mathcal{O}(0; \{24^4, 6, 4^2, 3^6\})$	174592
24	$\mathcal{O}(0; \{24^4, 6, 4^4, 2^5\})$	10240
24	$\mathcal{O}(0; \{24^4, 6, 4^4, 3^3, 2\})$	88064
24	$\mathcal{O}(0; \{24^4, 6, 4^6, 2^2\})$	40960
24	$\mathcal{O}(0; \{24^4, 6^2, 3, 2^8\})$	2688
24	$\mathcal{O}(0; \{24^4, 6^2, 3^4, 2^4\})$	21888
24	$\mathcal{O}(0; \{24^4, 6^2, 3^7\})$	174720
24	$\mathcal{O}(0; \{24^4, 6^2, 4^2, 3, 2^5\})$	10752
24	$\mathcal{O}(0; \{24^4, 6^2, 4^2, 3^4, 2\})$	87552
24	$\mathcal{O}(0; \{24^4, 6^2, 4^4, 3, 2^2\})$	43008

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^4, 6^3, 3^2, 2^5\})$	10880
24	$\mathcal{O}(0; \{24^4, 6^3, 3^5, 2\})$	87424
24	$\mathcal{O}(0; \{24^4, 6^3, 4^2, 3^2, 2^2\})$	43520
24	$\mathcal{O}(0; \{24^4, 6^4, 2^6\})$	5504
24	$\mathcal{O}(0; \{24^4, 6^4, 3^3, 2^2\})$	43648
24	$\mathcal{O}(0; \{24^4, 6^4, 4^2, 2^3\})$	22016
24	$\mathcal{O}(0; \{24^4, 6^4, 4^4\})$	88064
24	$\mathcal{O}(0; \{24^4, 6^5, 3, 2^3\})$	21888
24	$\mathcal{O}(0; \{24^4, 6^5, 4^2, 3\})$	87552
24	$\mathcal{O}(0; \{24^4, 6^6, 3^2\})$	87424
24	$\mathcal{O}(0; \{24^4, 6^7, 2\})$	43648
24	$\mathcal{O}(0; \{24^4, 8^2, 4, 3^2, 2^5\})$	45056
24	$\mathcal{O}(0; \{24^4, 8^2, 4, 3^5, 2\})$	348160
24	$\mathcal{O}(0; \{24^4, 8^2, 4^3, 3^2, 2^2\})$	180224
24	$\mathcal{O}(0; \{24^4, 8^2, 6, 4, 2^6\})$	20480
24	$\mathcal{O}(0; \{24^4, 8^2, 6, 4, 3^3, 2^2\})$	176128
24	$\mathcal{O}(0; \{24^4, 8^2, 6, 4^3, 2^3\})$	81920
24	$\mathcal{O}(0; \{24^4, 8^2, 6, 4^5\})$	327680
24	$\mathcal{O}(0; \{24^4, 8^2, 6^2, 4, 3, 2^3\})$	86016
24	$\mathcal{O}(0; \{24^4, 8^2, 6^2, 4^3, 3\})$	344064
24	$\mathcal{O}(0; \{24^4, 8^2, 6^3, 4, 3^2\})$	348160
24	$\mathcal{O}(0; \{24^4, 8^2, 6^4, 4, 2\})$	176128
24	$\mathcal{O}(0; \{24^4, 8^4, 3^2, 2^3\})$	360448
24	$\mathcal{O}(0; \{24^4, 8^4, 4^2, 3^2\})$	1441792
24	$\mathcal{O}(0; \{24^4, 8^4, 6, 2^4\})$	163840
24	$\mathcal{O}(0; \{24^4, 8^4, 6, 3^3\})$	1409024
24	$\mathcal{O}(0; \{24^4, 8^4, 6, 4^2, 2\})$	655360
24	$\mathcal{O}(0; \{24^4, 8^4, 6^2, 3, 2\})$	688128
24	$\mathcal{O}(0; \{24^4, 12, 4, 3, 2^8\})$	5632
24	$\mathcal{O}(0; \{24^4, 12, 4, 3^4, 2^4\})$	43520
24	$\mathcal{O}(0; \{24^4, 12, 4, 3^7\})$	349696
24	$\mathcal{O}(0; \{24^4, 12, 4^3, 3, 2^5\})$	22528
24	$\mathcal{O}(0; \{24^4, 12, 4^3, 3^4, 2\})$	174080
24	$\mathcal{O}(0; \{24^4, 12, 4^5, 3, 2^2\})$	90112
24	$\mathcal{O}(0; \{24^4, 12, 6, 4, 3^2, 2^5\})$	22016
24	$\mathcal{O}(0; \{24^4, 12, 6, 4, 3^5, 2\})$	174592
24	$\mathcal{O}(0; \{24^4, 12, 6, 4^3, 3^2, 2^2\})$	88064
24	$\mathcal{O}(0; \{24^4, 12, 6^2, 4, 2^6\})$	10752
24	$\mathcal{O}(0; \{24^4, 12, 6^2, 4, 3^3, 2^2\})$	87552
24	$\mathcal{O}(0; \{24^4, 12, 6^2, 4^3, 2^3\})$	43008
24	$\mathcal{O}(0; \{24^4, 12, 6^2, 4^5\})$	172032
24	$\mathcal{O}(0; \{24^4, 12, 6^3, 4, 3, 2^3\})$	43520
24	$\mathcal{O}(0; \{24^4, 12, 6^3, 4^3, 3\})$	174080

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^4, 12, 6^4, 4, 3^2\})$	174592
24	$\mathcal{O}(0; \{24^4, 12, 6^5, 4, 2\})$	87552
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 3, 2^6\})$	45056
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 3^4, 2^2\})$	348160
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 4^2, 3, 2^3\})$	180224
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 4^4, 3\})$	720896
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6, 3^2, 2^3\})$	176128
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6, 4^2, 3^2\})$	704512
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6^2, 2^4\})$	86016
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6^2, 3^3\})$	700416
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6^2, 4^2, 2\})$	344064
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6^3, 3, 2\})$	348160
24	$\mathcal{O}(0; \{24^4, 12, 8^4, 4, 3, 2\})$	1441792
24	$\mathcal{O}(0; \{24^4, 12^2, 2^9\})$	5632
24	$\mathcal{O}(0; \{24^4, 12^2, 3^3, 2^5\})$	43520
24	$\mathcal{O}(0; \{24^4, 12^2, 3^6, 2\})$	349696
24	$\mathcal{O}(0; \{24^4, 12^2, 4^2, 2^6\})$	22528
24	$\mathcal{O}(0; \{24^4, 12^2, 4^2, 3^3, 2^2\})$	174080
24	$\mathcal{O}(0; \{24^4, 12^2, 4^4, 2^3\})$	90112
24	$\mathcal{O}(0; \{24^4, 12^2, 4^6\})$	360448
24	$\mathcal{O}(0; \{24^4, 12^2, 6, 3, 2^6\})$	22016
24	$\mathcal{O}(0; \{24^4, 12^2, 6, 3^4, 2^2\})$	174592
24	$\mathcal{O}(0; \{24^4, 12^2, 6, 4^2, 3, 2^3\})$	88064
24	$\mathcal{O}(0; \{24^4, 12^2, 6, 4^4, 3\})$	352256
24	$\mathcal{O}(0; \{24^4, 12^2, 6^2, 3^2, 2^3\})$	87552
24	$\mathcal{O}(0; \{24^4, 12^2, 6^2, 4^2, 3^2\})$	350208
24	$\mathcal{O}(0; \{24^4, 12^2, 6^3, 2^4\})$	43520
24	$\mathcal{O}(0; \{24^4, 12^2, 6^3, 3^3\})$	349696
24	$\mathcal{O}(0; \{24^4, 12^2, 6^3, 4^2, 2\})$	174080
24	$\mathcal{O}(0; \{24^4, 12^2, 6^4, 3, 2\})$	174592
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 4, 2^4\})$	180224
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 4, 3^3\})$	1392640
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 4^3, 2\})$	720896
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 6, 4, 3, 2\})$	704512
24	$\mathcal{O}(0; \{24^4, 12^2, 8^4, 2^2\})$	1441792
24	$\mathcal{O}(0; \{24^4, 12^3, 4, 3^2, 2^3\})$	174080
24	$\mathcal{O}(0; \{24^4, 12^3, 4^3, 3^2\})$	696320
24	$\mathcal{O}(0; \{24^4, 12^3, 6, 4, 2^4\})$	88064
24	$\mathcal{O}(0; \{24^4, 12^3, 6, 4, 3^3\})$	698368
24	$\mathcal{O}(0; \{24^4, 12^3, 6, 4^3, 2\})$	352256
24	$\mathcal{O}(0; \{24^4, 12^3, 6^2, 4, 3, 2\})$	350208
24	$\mathcal{O}(0; \{24^4, 12^3, 8^2, 3^2, 2\})$	1392640
24	$\mathcal{O}(0; \{24^4, 12^3, 8^2, 6, 2^2\})$	704512

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^4, 12^4, 3, 2^4\})$	174080
24	$\mathcal{O}(0; \{24^4, 12^4, 3^4\})$	1398784
24	$\mathcal{O}(0; \{24^4, 12^4, 4^2, 3, 2\})$	696320
24	$\mathcal{O}(0; \{24^4, 12^4, 6, 3^2, 2\})$	698368
24	$\mathcal{O}(0; \{24^4, 12^4, 6^2, 2^2\})$	350208
24	$\mathcal{O}(0; \{24^4, 12^5, 4, 2^2\})$	696320
24	$\mathcal{O}(0; \{24^4, 12^5, 8^2\})$	5570560
24	$\mathcal{O}(0; \{24^4, 12^6, 6\})$	2793472
24	$\mathcal{O}(0; \{24^5, 8, 2^9\})$	10240
24	$\mathcal{O}(0; \{24^5, 8, 3^3, 2^5\})$	88064
24	$\mathcal{O}(0; \{24^5, 8, 3^6, 2\})$	698368
24	$\mathcal{O}(0; \{24^5, 8, 4^2, 2^6\})$	40960
24	$\mathcal{O}(0; \{24^5, 8, 4^2, 3^3, 2^2\})$	352256
24	$\mathcal{O}(0; \{24^5, 8, 4^4, 2^3\})$	163840
24	$\mathcal{O}(0; \{24^5, 8, 4^6\})$	655360
24	$\mathcal{O}(0; \{24^5, 8, 6, 3, 2^6\})$	43008
24	$\mathcal{O}(0; \{24^5, 8, 6, 3^4, 2^2\})$	350208
24	$\mathcal{O}(0; \{24^5, 8, 6, 4^2, 3, 2^3\})$	172032
24	$\mathcal{O}(0; \{24^5, 8, 6, 4^4, 3\})$	688128
24	$\mathcal{O}(0; \{24^5, 8, 6^2, 3^2, 2^3\})$	174080
24	$\mathcal{O}(0; \{24^5, 8, 6^2, 4^2, 3^2\})$	696320
24	$\mathcal{O}(0; \{24^5, 8, 6^3, 2^4\})$	88064
24	$\mathcal{O}(0; \{24^5, 8, 6^3, 3^3\})$	698368
24	$\mathcal{O}(0; \{24^5, 8, 6^3, 4^2, 2\})$	352256
24	$\mathcal{O}(0; \{24^5, 8, 6^4, 3, 2\})$	350208
24	$\mathcal{O}(0; \{24^5, 8^3, 4, 2^4\})$	327680
24	$\mathcal{O}(0; \{24^5, 8^3, 4, 3^3\})$	2818048
24	$\mathcal{O}(0; \{24^5, 8^3, 4^3, 2\})$	1310720
24	$\mathcal{O}(0; \{24^5, 8^3, 6, 4, 3, 2\})$	1376256
24	$\mathcal{O}(0; \{24^5, 8^5, 2^2\})$	2621440
24	$\mathcal{O}(0; \{24^5, 12, 8, 4, 3^2, 2^3\})$	352256
24	$\mathcal{O}(0; \{24^5, 12, 8, 4^3, 3^2\})$	1409024
24	$\mathcal{O}(0; \{24^5, 12, 8, 6, 4, 2^4\})$	172032
24	$\mathcal{O}(0; \{24^5, 12, 8, 6, 4, 3^3\})$	1400832
24	$\mathcal{O}(0; \{24^5, 12, 8, 6, 4^3, 2\})$	688128
24	$\mathcal{O}(0; \{24^5, 12, 8, 6^2, 4, 3, 2\})$	696320
24	$\mathcal{O}(0; \{24^5, 12, 8^3, 3^2, 2\})$	2818048
24	$\mathcal{O}(0; \{24^5, 12, 8^3, 6, 2^2\})$	1376256
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 3, 2^4\})$	352256
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 3^4\})$	2793472
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 4^2, 3, 2\})$	1409024
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 6, 3^2, 2\})$	1400832
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 6^2, 2^2\})$	696320

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^5, 12^3, 8, 4, 2^2\})$	1409024
24	$\mathcal{O}(0; \{24^5, 12^3, 8^3\})$	11272192
24	$\mathcal{O}(0; \{24^5, 12^4, 8, 6\})$	5603328
24	$\mathcal{O}(0; \{24^6, 4, 3, 2^6\})$	86016
24	$\mathcal{O}(0; \{24^6, 4, 3^4, 2^2\})$	700416
24	$\mathcal{O}(0; \{24^6, 4^3, 3, 2^3\})$	344064
24	$\mathcal{O}(0; \{24^6, 4^5, 3\})$	1376256
24	$\mathcal{O}(0; \{24^6, 6, 4, 3^2, 2^3\})$	348160
24	$\mathcal{O}(0; \{24^6, 6, 4^3, 3^2\})$	1392640
24	$\mathcal{O}(0; \{24^6, 6^2, 4, 2^4\})$	176128
24	$\mathcal{O}(0; \{24^6, 6^2, 4, 3^3\})$	1396736
24	$\mathcal{O}(0; \{24^6, 6^2, 4^3, 2\})$	704512
24	$\mathcal{O}(0; \{24^6, 6^3, 4, 3, 2\})$	700416
24	$\mathcal{O}(0; \{24^6, 8^2, 3, 2^4\})$	688128
24	$\mathcal{O}(0; \{24^6, 8^2, 3^4\})$	5603328
24	$\mathcal{O}(0; \{24^6, 8^2, 4^2, 3, 2\})$	2752512
24	$\mathcal{O}(0; \{24^6, 8^2, 6, 3^2, 2\})$	2785280
24	$\mathcal{O}(0; \{24^6, 8^2, 6^2, 2^2\})$	1409024
24	$\mathcal{O}(0; \{24^6, 12, 2^7\})$	86016
24	$\mathcal{O}(0; \{24^6, 12, 3^3, 2^3\})$	700416
24	$\mathcal{O}(0; \{24^6, 12, 4^2, 2^4\})$	344064
24	$\mathcal{O}(0; \{24^6, 12, 4^2, 3^3\})$	2801664
24	$\mathcal{O}(0; \{24^6, 12, 4^4, 2\})$	1376256
24	$\mathcal{O}(0; \{24^6, 12, 6, 3, 2^4\})$	348160
24	$\mathcal{O}(0; \{24^6, 12, 6, 3^4\})$	2797568
24	$\mathcal{O}(0; \{24^6, 12, 6, 4^2, 3, 2\})$	1392640
24	$\mathcal{O}(0; \{24^6, 12, 6^2, 3^2, 2\})$	1396736
24	$\mathcal{O}(0; \{24^6, 12, 6^3, 2^2\})$	700416
24	$\mathcal{O}(0; \{24^6, 12, 8^2, 4, 2^2\})$	2752512
24	$\mathcal{O}(0; \{24^6, 12, 8^4\})$	22020096
24	$\mathcal{O}(0; \{24^6, 12^2, 4, 3^2, 2\})$	2801664
24	$\mathcal{O}(0; \{24^6, 12^2, 6, 4, 2^2\})$	1392640
24	$\mathcal{O}(0; \{24^6, 12^2, 8^2, 6\})$	11141120
24	$\mathcal{O}(0; \{24^6, 12^3, 3, 2^2\})$	2801664
24	$\mathcal{O}(0; \{24^6, 12^3, 6^2\})$	5586944
24	$\mathcal{O}(0; \{24^6, 12^4, 4\})$	11206656
24	$\mathcal{O}(0; \{24^7, 8, 4, 3^2, 2\})$	5570560
24	$\mathcal{O}(0; \{24^7, 8, 6, 4, 2^2\})$	2818048
24	$\mathcal{O}(0; \{24^7, 8^3, 6\})$	22544384
24	$\mathcal{O}(0; \{24^7, 12, 8, 3, 2^2\})$	5570560
24	$\mathcal{O}(0; \{24^7, 12, 8, 6^2\})$	11206656
24	$\mathcal{O}(0; \{24^7, 12^2, 8, 4\})$	22282240
24	$\mathcal{O}(0; \{24^8, 2^5\})$	1409024

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^8, 3^3, 2\})$	11173888
24	$\mathcal{O}(0; \{24^8, 4^2, 2^2\})$	5636096
24	$\mathcal{O}(0; \{24^8, 6, 3, 2^2\})$	5603328
24	$\mathcal{O}(0; \{24^8, 6^3\})$	11173888
24	$\mathcal{O}(0; \{24^8, 8^2, 4\})$	45088768
24	$\mathcal{O}(0; \{24^8, 12, 6, 4\})$	22413312
24	$\mathcal{O}(0; \{24^8, 12^2, 3\})$	44695552
24	$\mathcal{O}(0; \{24^9, 8, 3\})$	89653248
25	$\mathcal{O}(3; \{25^4\})$	1586914062500
25	$\mathcal{O}(1; \{25^4, 5^5\})$	4160000000
26	$\mathcal{O}(2; \{13^6\})$	98403498180
26	$\mathcal{O}(1; \{13^6, 2^4\})$	155271792
26	$\mathcal{O}(1; \{26^2, 13^5, 2^2\})$	1863253392
26	$\mathcal{O}(1; \{26^4, 13^4\})$	22359048816
26	$\mathcal{O}(0; \{13^6, 2^8\})$	229692
26	$\mathcal{O}(0; \{26^2, 13^5, 2^6\})$	2756292
26	$\mathcal{O}(0; \{26^4, 13^4, 2^4\})$	33075516
26	$\mathcal{O}(0; \{26^6, 13^3, 2^2\})$	396906180
26	$\mathcal{O}(0; \{26^8, 13^2\})$	4762874172
27	$\mathcal{O}(3; \{27^2, 3^2\})$	27894275208
27	$\mathcal{O}(2; \{27^2, 3^5\})$	306110016
27	$\mathcal{O}(2; \{27^2, 9^3, 3\})$	4132485216
27	$\mathcal{O}(1; \{27^2, 3^8\})$	3359232
27	$\mathcal{O}(1; \{27^2, 9^3, 3^4\})$	45349632
27	$\mathcal{O}(1; \{27^2, 9^6\})$	612220032
27	$\mathcal{O}(1; \{27^5, 9^2, 3\})$	3443737680
27	$\mathcal{O}(0; \{27^2, 3^{11}\})$	36864
27	$\mathcal{O}(0; \{27^2, 9^3, 3^7\})$	497664
27	$\mathcal{O}(0; \{27^2, 9^6, 3^3\})$	6718464
27	$\mathcal{O}(0; \{27^5, 9^2, 3^4\})$	37791360
27	$\mathcal{O}(0; \{27^5, 9^5\})$	510183360
27	$\mathcal{O}(0; \{27^8, 9, 3\})$	4936024008
28	$\mathcal{O}(4; \{2^2\})$	376326144000
28	$\mathcal{O}(3; \{2^6\})$	474356736
28	$\mathcal{O}(3; \{4^2, 2^3\})$	963772416
28	$\mathcal{O}(3; \{4^4\})$	3855089664
28	$\mathcal{O}(2; \{2^{10}\})$	576000
28	$\mathcal{O}(2; \{4^2, 2^7\})$	1228800
28	$\mathcal{O}(2; \{4^4, 2^4\})$	4915200
28	$\mathcal{O}(2; \{4^6, 2\})$	19660800
28	$\mathcal{O}(2; \{14, 7^3, 2^3\})$	107180640
28	$\mathcal{O}(2; \{14, 7^3, 4^2\})$	228652032
28	$\mathcal{O}(2; \{14^3, 7^2, 2\})$	639626400

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(2; \{28, 14, 7, 4, 2^3\})$	36879360
28	$\mathcal{O}(2; \{28, 14, 7, 4^3\})$	147517440
28	$\mathcal{O}(2; \{28, 14^3, 4, 2\})$	228652032
28	$\mathcal{O}(2; \{28^2, 7^3, 2\})$	1364536320
28	$\mathcal{O}(2; \{28^3, 7, 4, 2\})$	914608128
28	$\mathcal{O}(1; \{2^{14}\})$	576
28	$\mathcal{O}(1; \{4^2, 2^{11}\})$	1536
28	$\mathcal{O}(1; \{4^4, 2^8\})$	6144
28	$\mathcal{O}(1; \{4^6, 2^5\})$	24576
28	$\mathcal{O}(1; \{4^8, 2^2\})$	98304
28	$\mathcal{O}(1; \{7^7, 2^2\})$	23514120
28	$\mathcal{O}(1; \{14, 7^3, 2^7\})$	109368
28	$\mathcal{O}(1; \{14, 7^3, 4^2, 2^4\})$	291648
28	$\mathcal{O}(1; \{14, 7^3, 4^4, 2\})$	1166592
28	$\mathcal{O}(1; \{14^2, 7^6\})$	141088248
28	$\mathcal{O}(1; \{14^3, 7^2, 2^5\})$	652680
28	$\mathcal{O}(1; \{14^3, 7^2, 4^2, 2^2\})$	1740480
28	$\mathcal{O}(1; \{14^5, 7, 2^3\})$	3919608
28	$\mathcal{O}(1; \{14^5, 7, 4^2\})$	10452288
28	$\mathcal{O}(1; \{14^7, 2\})$	23514120
28	$\mathcal{O}(1; \{28, 7^5, 4, 2^2\})$	10452288
28	$\mathcal{O}(1; \{28, 14, 7, 4, 2^7\})$	47040
28	$\mathcal{O}(1; \{28, 14, 7, 4^3, 2^4\})$	188160
28	$\mathcal{O}(1; \{28, 14, 7, 4^5, 2\})$	752640
28	$\mathcal{O}(1; \{28, 14^2, 7^4, 4\})$	62704320
28	$\mathcal{O}(1; \{28, 14^3, 4, 2^5\})$	291648
28	$\mathcal{O}(1; \{28, 14^3, 4^3, 2^2\})$	1166592
28	$\mathcal{O}(1; \{28^2, 7^3, 2^5\})$	1740480
28	$\mathcal{O}(1; \{28^2, 7^3, 4^2, 2^2\})$	6961920
28	$\mathcal{O}(1; \{28^2, 14^2, 7^2, 2^3\})$	10452288
28	$\mathcal{O}(1; \{28^2, 14^2, 7^2, 4^2\})$	41809152
28	$\mathcal{O}(1; \{28^2, 14^4, 7, 2\})$	62704320
28	$\mathcal{O}(1; \{28^3, 7, 4, 2^5\})$	1166592
28	$\mathcal{O}(1; \{28^3, 7, 4^3, 2^2\})$	4666368
28	$\mathcal{O}(1; \{28^3, 14^2, 4, 2^3\})$	6961920
28	$\mathcal{O}(1; \{28^3, 14^2, 4^3\})$	27847680
28	$\mathcal{O}(1; \{28^4, 14, 7^2, 2\})$	250817280
28	$\mathcal{O}(1; \{28^5, 14, 4, 2\})$	167236608
28	$\mathcal{O}(0; \{7^7, 4^2, 2^3\})$	79980
28	$\mathcal{O}(0; \{7^7, 4^4\})$	319920
28	$\mathcal{O}(0; \{14, 7^3, 4^2, 2^8\})$	372
28	$\mathcal{O}(0; \{14, 7^3, 4^4, 2^5\})$	1488
28	$\mathcal{O}(0; \{14, 7^3, 4^6, 2^2\})$	5952

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(0; \{14^2, 7^6, 4^2, 2\})$	479892
28	$\mathcal{O}(0; \{14^3, 7^2, 4^2, 2^6\})$	2220
28	$\mathcal{O}(0; \{14^3, 7^2, 4^4, 2^3\})$	8880
28	$\mathcal{O}(0; \{14^3, 7^2, 4^6\})$	35520
28	$\mathcal{O}(0; \{14^5, 7, 4^2, 2^4\})$	13332
28	$\mathcal{O}(0; \{14^5, 7, 4^4, 2\})$	53328
28	$\mathcal{O}(0; \{14^7, 4^2, 2^2\})$	79980
28	$\mathcal{O}(0; \{28, 7^5, 4, 2^6\})$	13332
28	$\mathcal{O}(0; \{28, 7^5, 4^3, 2^3\})$	53328
28	$\mathcal{O}(0; \{28, 7^5, 4^5\})$	213312
28	$\mathcal{O}(0; \{28, 14, 7, 4, 2^{11}\})$	60
28	$\mathcal{O}(0; \{28, 14, 7, 4^3, 2^8\})$	240
28	$\mathcal{O}(0; \{28, 14, 7, 4^5, 2^5\})$	960
28	$\mathcal{O}(0; \{28, 14, 7, 4^7, 2^2\})$	3840
28	$\mathcal{O}(0; \{28, 14^2, 7^4, 4, 2^4\})$	79980
28	$\mathcal{O}(0; \{28, 14^2, 7^4, 4^3, 2\})$	319920
28	$\mathcal{O}(0; \{28, 14^3, 4, 2^9\})$	372
28	$\mathcal{O}(0; \{28, 14^3, 4^3, 2^6\})$	1488
28	$\mathcal{O}(0; \{28, 14^3, 4^5, 2^3\})$	5952
28	$\mathcal{O}(0; \{28, 14^3, 4^7\})$	23808
28	$\mathcal{O}(0; \{28, 14^4, 7^3, 4, 2^2\})$	479892
28	$\mathcal{O}(0; \{28, 14^6, 7^2, 4\})$	2879340
28	$\mathcal{O}(0; \{28^2, 7^3, 2^9\})$	2220
28	$\mathcal{O}(0; \{28^2, 7^3, 4^2, 2^6\})$	8880
28	$\mathcal{O}(0; \{28^2, 7^3, 4^4, 2^3\})$	35520
28	$\mathcal{O}(0; \{28^2, 7^3, 4^6\})$	142080
28	$\mathcal{O}(0; \{28^2, 14, 7^6, 2^2\})$	2879340
28	$\mathcal{O}(0; \{28^2, 14^2, 7^2, 2^7\})$	13332
28	$\mathcal{O}(0; \{28^2, 14^2, 7^2, 4^2, 2^4\})$	53328
28	$\mathcal{O}(0; \{28^2, 14^2, 7^2, 4^4, 2\})$	213312
28	$\mathcal{O}(0; \{28^2, 14^3, 7^5\})$	17276052
28	$\mathcal{O}(0; \{28^2, 14^4, 7, 2^5\})$	79980
28	$\mathcal{O}(0; \{28^2, 14^4, 7, 4^2, 2^2\})$	319920
28	$\mathcal{O}(0; \{28^2, 14^6, 2^3\})$	479892
28	$\mathcal{O}(0; \{28^2, 14^6, 4^2\})$	1919568
28	$\mathcal{O}(0; \{28^3, 7, 4, 2^9\})$	1488
28	$\mathcal{O}(0; \{28^3, 7, 4^3, 2^6\})$	5952
28	$\mathcal{O}(0; \{28^3, 7, 4^5, 2^3\})$	23808
28	$\mathcal{O}(0; \{28^3, 7, 4^7\})$	95232
28	$\mathcal{O}(0; \{28^3, 14, 7^4, 4, 2^2\})$	1919568
28	$\mathcal{O}(0; \{28^3, 14^2, 4, 2^7\})$	8880
28	$\mathcal{O}(0; \{28^3, 14^2, 4^3, 2^4\})$	35520
28	$\mathcal{O}(0; \{28^3, 14^2, 4^5, 2\})$	142080

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(0; \{28^3, 14^3, 7^3, 4\})$	11517360
28	$\mathcal{O}(0; \{28^4, 7^6\})$	69104208
28	$\mathcal{O}(0; \{28^4, 14, 7^2, 2^5\})$	319920
28	$\mathcal{O}(0; \{28^4, 14, 7^2, 4^2, 2^2\})$	1279680
28	$\mathcal{O}(0; \{28^4, 14^3, 7, 2^3\})$	1919568
28	$\mathcal{O}(0; \{28^4, 14^3, 7, 4^2\})$	7678272
28	$\mathcal{O}(0; \{28^4, 14^5, 2\})$	11517360
28	$\mathcal{O}(0; \{28^5, 7^4, 4\})$	46069440
28	$\mathcal{O}(0; \{28^5, 14, 4, 2^5\})$	213312
28	$\mathcal{O}(0; \{28^5, 14, 4^3, 2^2\})$	853248
28	$\mathcal{O}(0; \{28^6, 7^2, 2^3\})$	7678272
28	$\mathcal{O}(0; \{28^6, 7^2, 4^2\})$	30713088
28	$\mathcal{O}(0; \{28^6, 14^2, 7, 2\})$	46069440
28	$\mathcal{O}(0; \{28^7, 4, 2^3\})$	5118720
28	$\mathcal{O}(0; \{28^7, 4^3\})$	20474880
29	$\mathcal{O}(1; \{29^7\})$	391294926036
30	$\mathcal{O}(3; \{15^2, 3\})$	5740875000
30	$\mathcal{O}(3; \{30, 10, 3\})$	5832000000
30	$\mathcal{O}(2; \{5^4, 3^2\})$	78975000
30	$\mathcal{O}(2; \{10, 5, 3^2, 2^3\})$	6480000
30	$\mathcal{O}(2; \{10, 6, 5, 3^3\})$	19440000
30	$\mathcal{O}(2; \{10, 6^2, 5, 3, 2\})$	6480000
30	$\mathcal{O}(2; \{10^3, 3^2, 2\})$	19440000
30	$\mathcal{O}(2; \{15, 5^2, 3^3\})$	54675000
30	$\mathcal{O}(2; \{15, 6, 5^2, 3, 2\})$	19440000
30	$\mathcal{O}(2; \{15^2, 3, 2^4\})$	6480000
30	$\mathcal{O}(2; \{15^2, 3^4\})$	66825000
30	$\mathcal{O}(2; \{15^2, 6, 3^2, 2\})$	32400000
30	$\mathcal{O}(2; \{15^2, 6^2, 2^2\})$	19440000
30	$\mathcal{O}(2; \{15^3, 10, 6\})$	252720000
30	$\mathcal{O}(2; \{15^4, 5\})$	929475000
30	$\mathcal{O}(2; \{30, 5^3, 3, 2\})$	84240000
30	$\mathcal{O}(2; \{30, 10, 3, 2^4\})$	6480000
30	$\mathcal{O}(2; \{30, 10, 3^4\})$	32400000
30	$\mathcal{O}(2; \{30, 10, 6, 3^2, 2\})$	19440000
30	$\mathcal{O}(2; \{30, 10, 6^2, 2^2\})$	6480000
30	$\mathcal{O}(2; \{30, 15, 5, 3^2, 2\})$	58320000
30	$\mathcal{O}(2; \{30, 15, 6, 5, 2^2\})$	19440000
30	$\mathcal{O}(2; \{30, 15, 10^2, 6\})$	84240000
30	$\mathcal{O}(2; \{30, 15^2, 10, 5\})$	330480000
30	$\mathcal{O}(2; \{30^2, 5^2, 2^2\})$	84240000
30	$\mathcal{O}(2; \{30^2, 10^2, 5\})$	330480000
30	$\mathcal{O}(2; \{30^2, 15, 3, 2^2\})$	58320000

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(2; \{30^2, 15, 6^2\})$	97200000
30	$\mathcal{O}(2; \{30^3, 6, 5\})$	252720000
30	$\mathcal{O}(2; \{30^4, 3\})$	421200000
30	$\mathcal{O}(1; \{5^4, 3^2, 2^4\})$	93600
30	$\mathcal{O}(1; \{5^4, 3^5\})$	351000
30	$\mathcal{O}(1; \{6, 5^4, 3^3, 2\})$	280800
30	$\mathcal{O}(1; \{6^2, 5^4, 3, 2^2\})$	93600
30	$\mathcal{O}(1; \{6^4, 5^4\})$	280800
30	$\mathcal{O}(1; \{10, 5, 3^2, 2^7\})$	7200
30	$\mathcal{O}(1; \{10, 5, 3^5, 2^3\})$	36000
30	$\mathcal{O}(1; \{10, 6, 5, 3^3, 2^4\})$	21600
30	$\mathcal{O}(1; \{10, 6, 5, 3^6\})$	151200
30	$\mathcal{O}(1; \{10, 6^2, 5, 3, 2^5\})$	7200
30	$\mathcal{O}(1; \{10, 6^2, 5, 3^4, 2\})$	79200
30	$\mathcal{O}(1; \{10, 6^3, 5, 3^2, 2^2\})$	36000
30	$\mathcal{O}(1; \{10, 6^4, 5, 2^3\})$	21600
30	$\mathcal{O}(1; \{10, 6^5, 5, 3\})$	79200
30	$\mathcal{O}(1; \{10^2, 5^3, 3^2, 2^2\})$	367200
30	$\mathcal{O}(1; \{10^2, 6^2, 5^3, 3\})$	367200
30	$\mathcal{O}(1; \{10^3, 3^2, 2^5\})$	21600
30	$\mathcal{O}(1; \{10^3, 3^5, 2\})$	108000
30	$\mathcal{O}(1; \{10^3, 6, 3^3, 2^2\})$	64800
30	$\mathcal{O}(1; \{10^3, 6^2, 3, 2^3\})$	21600
30	$\mathcal{O}(1; \{10^3, 6^3, 3^2\})$	108000
30	$\mathcal{O}(1; \{10^3, 6^4, 2\})$	64800
30	$\mathcal{O}(1; \{10^4, 5^2, 3^2\})$	1476000
30	$\mathcal{O}(1; \{15, 5^2, 3^3, 2^4\})$	64800
30	$\mathcal{O}(1; \{15, 5^2, 3^6\})$	340200
30	$\mathcal{O}(1; \{15, 6, 5^2, 3, 2^5\})$	21600
30	$\mathcal{O}(1; \{15, 6, 5^2, 3^4, 2\})$	237600
30	$\mathcal{O}(1; \{15, 6^2, 5^2, 3^2, 2^2\})$	108000
30	$\mathcal{O}(1; \{15, 6^3, 5^2, 2^3\})$	64800
30	$\mathcal{O}(1; \{15, 6^4, 5^2, 3\})$	237600
30	$\mathcal{O}(1; \{15, 10, 6, 5^4, 3\})$	1476000
30	$\mathcal{O}(1; \{15, 10^2, 5, 3^3, 2^2\})$	280800
30	$\mathcal{O}(1; \{15, 10^2, 6, 5, 3, 2^3\})$	93600
30	$\mathcal{O}(1; \{15, 10^2, 6^2, 5, 3^2\})$	468000
30	$\mathcal{O}(1; \{15, 10^2, 6^3, 5, 2\})$	280800
30	$\mathcal{O}(1; \{15, 10^4, 3^3\})$	1101600
30	$\mathcal{O}(1; \{15, 10^4, 6, 3, 2\})$	367200
30	$\mathcal{O}(1; \{15^2, 3, 2^8\})$	7200
30	$\mathcal{O}(1; \{15^2, 3^4, 2^4\})$	79200
30	$\mathcal{O}(1; \{15^2, 3^7\})$	459000

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{15^2, 5^5, 3\})$	4422600
30	$\mathcal{O}(1; \{15^2, 6, 3^2, 2^5\})$	36000
30	$\mathcal{O}(1; \{15^2, 6, 3^5, 2\})$	309600
30	$\mathcal{O}(1; \{15^2, 6^2, 2^6\})$	21600
30	$\mathcal{O}(1; \{15^2, 6^2, 3^3, 2^2\})$	151200
30	$\mathcal{O}(1; \{15^2, 6^3, 3, 2^3\})$	79200
30	$\mathcal{O}(1; \{15^2, 6^4, 3^2\})$	309600
30	$\mathcal{O}(1; \{15^2, 6^5, 2\})$	151200
30	$\mathcal{O}(1; \{15^2, 10, 5^2, 3, 2^3\})$	367200
30	$\mathcal{O}(1; \{15^2, 10, 6, 5^2, 3^2\})$	1836000
30	$\mathcal{O}(1; \{15^2, 10, 6^2, 5^2, 2\})$	1101600
30	$\mathcal{O}(1; \{15^2, 10^3, 5, 3, 2\})$	1476000
30	$\mathcal{O}(1; \{15^3, 5^3, 3^2\})$	5535000
30	$\mathcal{O}(1; \{15^3, 6, 5^3, 2\})$	4428000
30	$\mathcal{O}(1; \{15^3, 10, 3^2, 2^3\})$	468000
30	$\mathcal{O}(1; \{15^3, 10, 6, 2^4\})$	280800
30	$\mathcal{O}(1; \{15^3, 10, 6, 3^3\})$	1965600
30	$\mathcal{O}(1; \{15^3, 10, 6^2, 3, 2\})$	1029600
30	$\mathcal{O}(1; \{15^4, 5, 2^4\})$	1101600
30	$\mathcal{O}(1; \{15^4, 5, 3^3\})$	5783400
30	$\mathcal{O}(1; \{15^4, 6, 5, 3, 2\})$	4039200
30	$\mathcal{O}(1; \{15^4, 10^2, 2^2\})$	4428000
30	$\mathcal{O}(1; \{15^7\})$	92874600
30	$\mathcal{O}(1; \{30, 5^3, 3, 2^5\})$	93600
30	$\mathcal{O}(1; \{30, 5^3, 3^4, 2\})$	468000
30	$\mathcal{O}(1; \{30, 6, 5^3, 3^2, 2^2\})$	280800
30	$\mathcal{O}(1; \{30, 6^2, 5^3, 2^3\})$	93600
30	$\mathcal{O}(1; \{30, 6^3, 5^3, 3\})$	468000
30	$\mathcal{O}(1; \{30, 10, 3, 2^8\})$	7200
30	$\mathcal{O}(1; \{30, 10, 3^4, 2^4\})$	36000
30	$\mathcal{O}(1; \{30, 10, 3^7\})$	309600
30	$\mathcal{O}(1; \{30, 10, 5^5, 3\})$	5896800
30	$\mathcal{O}(1; \{30, 10, 6, 3^2, 2^5\})$	21600
30	$\mathcal{O}(1; \{30, 10, 6, 3^5, 2\})$	151200
30	$\mathcal{O}(1; \{30, 10, 6^2, 2^6\})$	7200
30	$\mathcal{O}(1; \{30, 10, 6^2, 3^3, 2^2\})$	79200
30	$\mathcal{O}(1; \{30, 10, 6^3, 3, 2^3\})$	36000
30	$\mathcal{O}(1; \{30, 10, 6^4, 3^2\})$	151200
30	$\mathcal{O}(1; \{30, 10, 6^5, 2\})$	79200
30	$\mathcal{O}(1; \{30, 10^2, 5^2, 3, 2^3\})$	367200
30	$\mathcal{O}(1; \{30, 10^2, 6, 5^2, 3^2\})$	1101600
30	$\mathcal{O}(1; \{30, 10^2, 6^2, 5^2, 2\})$	367200
30	$\mathcal{O}(1; \{30, 10^4, 5, 3, 2\})$	1476000

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{30, 15, 5, 3^2, 2^5\})$	64800
30	$\mathcal{O}(1; \{30, 15, 5, 3^5, 2\})$	453600
30	$\mathcal{O}(1; \{30, 15, 6, 5, 2^6\})$	21600
30	$\mathcal{O}(1; \{30, 15, 6, 5, 3^3, 2^2\})$	237600
30	$\mathcal{O}(1; \{30, 15, 6^2, 5, 3, 2^3\})$	108000
30	$\mathcal{O}(1; \{30, 15, 6^3, 5, 3^2\})$	453600
30	$\mathcal{O}(1; \{30, 15, 6^4, 5, 2\})$	237600
30	$\mathcal{O}(1; \{30, 15, 10, 5^3, 3^2\})$	4428000
30	$\mathcal{O}(1; \{30, 15, 10, 6, 5^3, 2\})$	1476000
30	$\mathcal{O}(1; \{30, 15, 10^2, 3^2, 2^3\})$	280800
30	$\mathcal{O}(1; \{30, 15, 10^2, 6, 2^4\})$	93600
30	$\mathcal{O}(1; \{30, 15, 10^2, 6, 3^3\})$	1029600
30	$\mathcal{O}(1; \{30, 15, 10^2, 6^2, 3, 2\})$	468000
30	$\mathcal{O}(1; \{30, 15^2, 5^4, 2\})$	5896800
30	$\mathcal{O}(1; \{30, 15^2, 10, 5, 2^4\})$	367200
30	$\mathcal{O}(1; \{30, 15^2, 10, 5, 3^3\})$	4039200
30	$\mathcal{O}(1; \{30, 15^2, 10, 6, 5, 3, 2\})$	1836000
30	$\mathcal{O}(1; \{30, 15^2, 10^3, 2^2\})$	1476000
30	$\mathcal{O}(1; \{30, 15^3, 5^2, 3, 2\})$	7380000
30	$\mathcal{O}(1; \{30, 15^4, 3^2, 2\})$	7711200
30	$\mathcal{O}(1; \{30, 15^4, 6, 2^2\})$	4039200
30	$\mathcal{O}(1; \{30, 15^5, 10\})$	64864800
30	$\mathcal{O}(1; \{30^2, 5^2, 2^6\})$	93600
30	$\mathcal{O}(1; \{30^2, 5^2, 3^3, 2^2\})$	468000
30	$\mathcal{O}(1; \{30^2, 6, 5^2, 3, 2^3\})$	280800
30	$\mathcal{O}(1; \{30^2, 6^2, 5^2, 3^2\})$	1029600
30	$\mathcal{O}(1; \{30^2, 6^3, 5^2, 2\})$	468000
30	$\mathcal{O}(1; \{30^2, 10, 5^4, 2\})$	5896800
30	$\mathcal{O}(1; \{30^2, 10^2, 5, 2^4\})$	367200
30	$\mathcal{O}(1; \{30^2, 10^2, 5, 3^3\})$	1836000
30	$\mathcal{O}(1; \{30^2, 10^2, 6, 5, 3, 2\})$	1101600
30	$\mathcal{O}(1; \{30^2, 10^4, 2^2\})$	1476000
30	$\mathcal{O}(1; \{30^2, 15, 3, 2^6\})$	64800
30	$\mathcal{O}(1; \{30^2, 15, 3^4, 2^2\})$	453600
30	$\mathcal{O}(1; \{30^2, 15, 6, 3^2, 2^3\})$	237600
30	$\mathcal{O}(1; \{30^2, 15, 6^2, 2^4\})$	108000
30	$\mathcal{O}(1; \{30^2, 15, 6^2, 3^3\})$	928800
30	$\mathcal{O}(1; \{30^2, 15, 6^3, 3, 2\})$	453600
30	$\mathcal{O}(1; \{30^2, 15, 10, 5^2, 3, 2\})$	4428000
30	$\mathcal{O}(1; \{30^2, 15^2, 10, 3^2, 2\})$	4039200
30	$\mathcal{O}(1; \{30^2, 15^2, 10, 6, 2^2\})$	1836000
30	$\mathcal{O}(1; \{30^2, 15^3, 5, 2^2\})$	7380000
30	$\mathcal{O}(1; \{30^2, 15^3, 10^2\})$	29484000

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{30^3, 5, 3^2, 2^3\})$	468000
30	$\mathcal{O}(1; \{30^3, 6, 5, 2^4\})$	280800
30	$\mathcal{O}(1; \{30^3, 6, 5, 3^3\})$	1965600
30	$\mathcal{O}(1; \{30^3, 6^2, 5, 3, 2\})$	1029600
30	$\mathcal{O}(1; \{30^3, 10^2, 3^2, 2\})$	1836000
30	$\mathcal{O}(1; \{30^3, 10^2, 6, 2^2\})$	1101600
30	$\mathcal{O}(1; \{30^3, 15, 10, 5, 2^2\})$	4428000
30	$\mathcal{O}(1; \{30^3, 15, 10^3\})$	17690400
30	$\mathcal{O}(1; \{30^3, 15^3, 6\})$	30996000
30	$\mathcal{O}(1; \{30^4, 3, 2^4\})$	468000
30	$\mathcal{O}(1; \{30^4, 3^4\})$	4024800
30	$\mathcal{O}(1; \{30^4, 6, 3^2, 2\})$	1965600
30	$\mathcal{O}(1; \{30^4, 6^2, 2^2\})$	1029600
30	$\mathcal{O}(1; \{30^4, 15, 10, 6\})$	16236000
30	$\mathcal{O}(1; \{30^4, 15^2, 5\})$	64864800
30	$\mathcal{O}(1; \{30^5, 10, 5\})$	29484000
30	$\mathcal{O}(0; \{5^4, 3^2, 2^8\})$	104
30	$\mathcal{O}(0; \{5^4, 3^5, 2^4\})$	520
30	$\mathcal{O}(0; \{6, 5^4, 3^3, 2^5\})$	312
30	$\mathcal{O}(0; \{6, 5^4, 3^6, 2\})$	2184
30	$\mathcal{O}(0; \{6^2, 5^4, 3, 2^6\})$	104
30	$\mathcal{O}(0; \{6^2, 5^4, 3^4, 2^2\})$	1144
30	$\mathcal{O}(0; \{6^3, 5^4, 3^2, 2^3\})$	520
30	$\mathcal{O}(0; \{6^4, 5^4, 2^4\})$	312
30	$\mathcal{O}(0; \{6^4, 5^4, 3^3\})$	2184
30	$\mathcal{O}(0; \{6^5, 5^4, 3, 2\})$	1144
30	$\mathcal{O}(0; \{10, 5, 3^2, 2^{11}\})$	8
30	$\mathcal{O}(0; \{10, 5, 3^5, 2^7\})$	40
30	$\mathcal{O}(0; \{10, 5, 3^8, 2^3\})$	344
30	$\mathcal{O}(0; \{10, 5^6, 3^2, 2^3\})$	6552
30	$\mathcal{O}(0; \{10, 6, 5, 3^3, 2^8\})$	24
30	$\mathcal{O}(0; \{10, 6, 5, 3^6, 2^4\})$	168
30	$\mathcal{O}(0; \{10, 6, 5, 3^9\})$	1368
30	$\mathcal{O}(0; \{10, 6, 5^6, 3^3\})$	19656
30	$\mathcal{O}(0; \{10, 6^2, 5, 3, 2^9\})$	8
30	$\mathcal{O}(0; \{10, 6^2, 5, 3^4, 2^5\})$	88
30	$\mathcal{O}(0; \{10, 6^2, 5, 3^7, 2\})$	680
30	$\mathcal{O}(0; \{10, 6^2, 5^6, 3, 2\})$	6552
30	$\mathcal{O}(0; \{10, 6^3, 5, 3^2, 2^6\})$	40
30	$\mathcal{O}(0; \{10, 6^3, 5, 3^5, 2^2\})$	344
30	$\mathcal{O}(0; \{10, 6^4, 5, 2^7\})$	24
30	$\mathcal{O}(0; \{10, 6^4, 5, 3^3, 2^3\})$	168
30	$\mathcal{O}(0; \{10, 6^5, 5, 3, 2^4\})$	88

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{10, 6^5, 5, 3^4\})$	680
30	$\mathcal{O}(0; \{10, 6^6, 5, 3^2, 2\})$	344
30	$\mathcal{O}(0; \{10, 6^7, 5, 2^2\})$	168
30	$\mathcal{O}(0; \{10^2, 5^3, 3^2, 2^6\})$	408
30	$\mathcal{O}(0; \{10^2, 5^3, 3^5, 2^2\})$	2040
30	$\mathcal{O}(0; \{10^2, 6, 5^3, 3^3, 2^3\})$	1224
30	$\mathcal{O}(0; \{10^2, 6^2, 5^3, 3, 2^4\})$	408
30	$\mathcal{O}(0; \{10^2, 6^2, 5^3, 3^4\})$	4488
30	$\mathcal{O}(0; \{10^2, 6^3, 5^3, 3^2, 2\})$	2040
30	$\mathcal{O}(0; \{10^2, 6^4, 5^3, 2^2\})$	1224
30	$\mathcal{O}(0; \{10^3, 3^2, 2^9\})$	24
30	$\mathcal{O}(0; \{10^3, 3^5, 2^5\})$	120
30	$\mathcal{O}(0; \{10^3, 3^8, 2\})$	1032
30	$\mathcal{O}(0; \{10^3, 5^5, 3^2, 2\})$	26216
30	$\mathcal{O}(0; \{10^3, 6, 3^3, 2^6\})$	72
30	$\mathcal{O}(0; \{10^3, 6, 3^6, 2^2\})$	504
30	$\mathcal{O}(0; \{10^3, 6^2, 3, 2^7\})$	24
30	$\mathcal{O}(0; \{10^3, 6^2, 3^4, 2^3\})$	264
30	$\mathcal{O}(0; \{10^3, 6^3, 3^2, 2^4\})$	120
30	$\mathcal{O}(0; \{10^3, 6^3, 3^5\})$	1032
30	$\mathcal{O}(0; \{10^3, 6^4, 2^5\})$	72
30	$\mathcal{O}(0; \{10^3, 6^4, 3^3, 2\})$	504
30	$\mathcal{O}(0; \{10^3, 6^5, 3, 2^2\})$	264
30	$\mathcal{O}(0; \{10^3, 6^7\})$	504
30	$\mathcal{O}(0; \{10^4, 5^2, 3^2, 2^4\})$	1640
30	$\mathcal{O}(0; \{10^4, 5^2, 3^5\})$	8200
30	$\mathcal{O}(0; \{10^4, 6, 5^2, 3^3, 2\})$	4920
30	$\mathcal{O}(0; \{10^4, 6^2, 5^2, 3, 2^2\})$	1640
30	$\mathcal{O}(0; \{10^4, 6^4, 5^2\})$	4920
30	$\mathcal{O}(0; \{10^6, 5, 3^2, 2^2\})$	6552
30	$\mathcal{O}(0; \{10^6, 6^2, 5, 3\})$	6552
30	$\mathcal{O}(0; \{10^8, 3^2\})$	26216
30	$\mathcal{O}(0; \{15, 5^2, 3^3, 2^8\})$	72
30	$\mathcal{O}(0; \{15, 5^2, 3^6, 2^4\})$	504
30	$\mathcal{O}(0; \{15, 6, 5^2, 3, 2^9\})$	24
30	$\mathcal{O}(0; \{15, 6, 5^2, 3^4, 2^5\})$	264
30	$\mathcal{O}(0; \{15, 6, 5^2, 3^7, 2\})$	2040
30	$\mathcal{O}(0; \{15, 6, 5^7, 3, 2\})$	26216
30	$\mathcal{O}(0; \{15, 6^2, 5^2, 3^2, 2^6\})$	120
30	$\mathcal{O}(0; \{15, 6^2, 5^2, 3^5, 2^2\})$	1032
30	$\mathcal{O}(0; \{15, 6^3, 5^2, 2^7\})$	72
30	$\mathcal{O}(0; \{15, 6^3, 5^2, 3^3, 2^3\})$	504
30	$\mathcal{O}(0; \{15, 6^4, 5^2, 3, 2^4\})$	264

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{15, 6^4, 5^2, 3^4\})$	2040
30	$\mathcal{O}(0; \{15, 6^5, 5^2, 3^2, 2\})$	1032
30	$\mathcal{O}(0; \{15, 6^6, 5^2, 2^2\})$	504
30	$\mathcal{O}(0; \{15, 10, 5^4, 3^3, 2^3\})$	4920
30	$\mathcal{O}(0; \{15, 10, 6, 5^4, 3, 2^4\})$	1640
30	$\mathcal{O}(0; \{15, 10, 6, 5^4, 3^4\})$	18040
30	$\mathcal{O}(0; \{15, 10, 6^2, 5^4, 3^2, 2\})$	8200
30	$\mathcal{O}(0; \{15, 10, 6^3, 5^4, 2^2\})$	4920
30	$\mathcal{O}(0; \{15, 10^2, 5, 3^3, 2^6\})$	312
30	$\mathcal{O}(0; \{15, 10^2, 5, 3^6, 2^2\})$	2184
30	$\mathcal{O}(0; \{15, 10^2, 6, 5, 3, 2^7\})$	104
30	$\mathcal{O}(0; \{15, 10^2, 6, 5, 3^4, 2^3\})$	1144
30	$\mathcal{O}(0; \{15, 10^2, 6^2, 5, 3^2, 2^4\})$	520
30	$\mathcal{O}(0; \{15, 10^2, 6^2, 5, 3^5\})$	4472
30	$\mathcal{O}(0; \{15, 10^2, 6^3, 5, 2^5\})$	312
30	$\mathcal{O}(0; \{15, 10^2, 6^3, 5, 3^3, 2\})$	2184
30	$\mathcal{O}(0; \{15, 10^2, 6^4, 5, 3, 2^2\})$	1144
30	$\mathcal{O}(0; \{15, 10^2, 6^6, 5\})$	2184
30	$\mathcal{O}(0; \{15, 10^3, 5^3, 3^3, 2\})$	19656
30	$\mathcal{O}(0; \{15, 10^3, 6, 5^3, 3, 2^2\})$	6552
30	$\mathcal{O}(0; \{15, 10^3, 6^3, 5^3\})$	19656
30	$\mathcal{O}(0; \{15, 10^4, 3^3, 2^4\})$	1224
30	$\mathcal{O}(0; \{15, 10^4, 3^6\})$	8568
30	$\mathcal{O}(0; \{15, 10^4, 6, 3, 2^5\})$	408
30	$\mathcal{O}(0; \{15, 10^4, 6, 3^4, 2\})$	4488
30	$\mathcal{O}(0; \{15, 10^4, 6^2, 3^2, 2^2\})$	2040
30	$\mathcal{O}(0; \{15, 10^4, 6^3, 2^3\})$	1224
30	$\mathcal{O}(0; \{15, 10^4, 6^4, 3\})$	4488
30	$\mathcal{O}(0; \{15, 10^5, 6, 5^2, 3\})$	26216
30	$\mathcal{O}(0; \{15^2, 3, 2^{12}\})$	8
30	$\mathcal{O}(0; \{15^2, 3^4, 2^8\})$	88
30	$\mathcal{O}(0; \{15^2, 3^7, 2^4\})$	680
30	$\mathcal{O}(0; \{15^2, 5^5, 3, 2^4\})$	6552
30	$\mathcal{O}(0; \{15^2, 6, 3^2, 2^9\})$	40
30	$\mathcal{O}(0; \{15^2, 6, 3^5, 2^5\})$	344
30	$\mathcal{O}(0; \{15^2, 6, 3^8, 2\})$	2728
30	$\mathcal{O}(0; \{15^2, 6, 5^5, 3^2, 2\})$	32760
30	$\mathcal{O}(0; \{15^2, 6^2, 2^{10}\})$	24
30	$\mathcal{O}(0; \{15^2, 6^2, 3^3, 2^6\})$	168
30	$\mathcal{O}(0; \{15^2, 6^2, 3^6, 2^2\})$	1368
30	$\mathcal{O}(0; \{15^2, 6^2, 5^5, 2^2\})$	19656
30	$\mathcal{O}(0; \{15^2, 6^3, 3, 2^7\})$	88
30	$\mathcal{O}(0; \{15^2, 6^3, 3^4, 2^3\})$	680

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{15^2, 6^4, 3^2, 2^4\})$	344
30	$\mathcal{O}(0; \{15^2, 6^4, 3^5\})$	2728
30	$\mathcal{O}(0; \{15^2, 6^5, 2^5\})$	168
30	$\mathcal{O}(0; \{15^2, 6^5, 3^3, 2\})$	1368
30	$\mathcal{O}(0; \{15^2, 6^6, 3, 2^2\})$	680
30	$\mathcal{O}(0; \{15^2, 6^8\})$	1368
30	$\mathcal{O}(0; \{15^2, 10, 5^2, 3, 2^7\})$	408
30	$\mathcal{O}(0; \{15^2, 10, 5^2, 3^4, 2^3\})$	4488
30	$\mathcal{O}(0; \{15^2, 10, 6, 5^2, 3^2, 2^4\})$	2040
30	$\mathcal{O}(0; \{15^2, 10, 6, 5^2, 3^5\})$	17544
30	$\mathcal{O}(0; \{15^2, 10, 6^2, 5^2, 2^5\})$	1224
30	$\mathcal{O}(0; \{15^2, 10, 6^2, 5^2, 3^3, 2\})$	8568
30	$\mathcal{O}(0; \{15^2, 10, 6^3, 5^2, 3, 2^2\})$	4488
30	$\mathcal{O}(0; \{15^2, 10, 6^5, 5^2\})$	8568
30	$\mathcal{O}(0; \{15^2, 10^2, 5^4, 3, 2^2\})$	26216
30	$\mathcal{O}(0; \{15^2, 10^2, 6^2, 5^4\})$	78648
30	$\mathcal{O}(0; \{15^2, 10^3, 5, 3, 2^5\})$	1640
30	$\mathcal{O}(0; \{15^2, 10^3, 5, 3^4, 2\})$	18040
30	$\mathcal{O}(0; \{15^2, 10^3, 6, 5, 3^2, 2^2\})$	8200
30	$\mathcal{O}(0; \{15^2, 10^3, 6^2, 5, 2^3\})$	4920
30	$\mathcal{O}(0; \{15^2, 10^3, 6^3, 5, 3\})$	18040
30	$\mathcal{O}(0; \{15^2, 10^4, 5^3, 3\})$	104856
30	$\mathcal{O}(0; \{15^2, 10^5, 3, 2^3\})$	6552
30	$\mathcal{O}(0; \{15^2, 10^5, 6, 3^2\})$	32760
30	$\mathcal{O}(0; \{15^2, 10^5, 6^2, 2\})$	19656
30	$\mathcal{O}(0; \{15^3, 5^3, 3^2, 2^4\})$	8200
30	$\mathcal{O}(0; \{15^3, 6, 5^3, 2^5\})$	4920
30	$\mathcal{O}(0; \{15^3, 6, 5^3, 3^3, 2\})$	34440
30	$\mathcal{O}(0; \{15^3, 6^2, 5^3, 3, 2^2\})$	18040
30	$\mathcal{O}(0; \{15^3, 6^4, 5^3\})$	34440
30	$\mathcal{O}(0; \{15^3, 10, 3^2, 2^7\})$	520
30	$\mathcal{O}(0; \{15^3, 10, 3^5, 2^3\})$	4472
30	$\mathcal{O}(0; \{15^3, 10, 6, 2^8\})$	312
30	$\mathcal{O}(0; \{15^3, 10, 6, 3^3, 2^4\})$	2184
30	$\mathcal{O}(0; \{15^3, 10, 6, 3^6\})$	17784
30	$\mathcal{O}(0; \{15^3, 10, 6, 5^5\})$	314568
30	$\mathcal{O}(0; \{15^3, 10, 6^2, 3, 2^5\})$	1144
30	$\mathcal{O}(0; \{15^3, 10, 6^2, 3^4, 2\})$	8840
30	$\mathcal{O}(0; \{15^3, 10, 6^3, 3^2, 2^2\})$	4472
30	$\mathcal{O}(0; \{15^3, 10, 6^4, 2^3\})$	2184
30	$\mathcal{O}(0; \{15^3, 10, 6^5, 3\})$	8840
30	$\mathcal{O}(0; \{15^3, 10^2, 5^2, 3^2, 2^2\})$	32760
30	$\mathcal{O}(0; \{15^3, 10^2, 6, 5^2, 2^3\})$	19656

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{15^3, 10^2, 6^2, 5^2, 3\})$	72072
30	$\mathcal{O}(0; \{15^3, 10^4, 5, 3^2\})$	131080
30	$\mathcal{O}(0; \{15^3, 10^4, 6, 5, 2\})$	78648
30	$\mathcal{O}(0; \{15^4, 5, 2^8\})$	1224
30	$\mathcal{O}(0; \{15^4, 5, 3^3, 2^4\})$	8568
30	$\mathcal{O}(0; \{15^4, 6, 5, 3, 2^5\})$	4488
30	$\mathcal{O}(0; \{15^4, 6, 5, 3^4, 2\})$	34680
30	$\mathcal{O}(0; \{15^4, 6^2, 5, 3^2, 2^2\})$	17544
30	$\mathcal{O}(0; \{15^4, 6^3, 5, 2^3\})$	8568
30	$\mathcal{O}(0; \{15^4, 6^4, 5, 3\})$	34680
30	$\mathcal{O}(0; \{15^4, 10, 5^3, 2^3\})$	78648
30	$\mathcal{O}(0; \{15^4, 10, 6, 5^3, 3\})$	288376
30	$\mathcal{O}(0; \{15^4, 10^2, 2^6\})$	4920
30	$\mathcal{O}(0; \{15^4, 10^2, 3^3, 2^2\})$	34440
30	$\mathcal{O}(0; \{15^4, 10^2, 6, 3, 2^3\})$	18040
30	$\mathcal{O}(0; \{15^4, 10^2, 6^2, 3^2\})$	70520
30	$\mathcal{O}(0; \{15^4, 10^2, 6^3, 2\})$	34440
30	$\mathcal{O}(0; \{15^4, 10^3, 5^2, 2\})$	314568
30	$\mathcal{O}(0; \{15^5, 10, 5, 3, 2^3\})$	72072
30	$\mathcal{O}(0; \{15^5, 10, 6, 5, 3^2\})$	281736
30	$\mathcal{O}(0; \{15^5, 10, 6^2, 5, 2\})$	137592
30	$\mathcal{O}(0; \{15^5, 10^3, 3, 2\})$	288376
30	$\mathcal{O}(0; \{15^6, 6, 5^2, 2\})$	550536
30	$\mathcal{O}(0; \{15^7, 2^4\})$	137592
30	$\mathcal{O}(0; \{15^7, 6, 3, 2\})$	556920
30	$\mathcal{O}(0; \{30, 5^3, 3, 2^9\})$	104
30	$\mathcal{O}(0; \{30, 5^3, 3^4, 2^5\})$	520
30	$\mathcal{O}(0; \{30, 5^3, 3^7, 2\})$	4472
30	$\mathcal{O}(0; \{30, 5^8, 3, 2\})$	104856
30	$\mathcal{O}(0; \{30, 6, 5^3, 3^2, 2^6\})$	312
30	$\mathcal{O}(0; \{30, 6, 5^3, 3^5, 2^2\})$	2184
30	$\mathcal{O}(0; \{30, 6^2, 5^3, 2^7\})$	104
30	$\mathcal{O}(0; \{30, 6^2, 5^3, 3^3, 2^3\})$	1144
30	$\mathcal{O}(0; \{30, 6^3, 5^3, 3, 2^4\})$	520
30	$\mathcal{O}(0; \{30, 6^3, 5^3, 3^4\})$	4472
30	$\mathcal{O}(0; \{30, 6^4, 5^3, 3^2, 2\})$	2184
30	$\mathcal{O}(0; \{30, 6^5, 5^3, 2^2\})$	1144
30	$\mathcal{O}(0; \{30, 10, 3, 2^{12}\})$	8
30	$\mathcal{O}(0; \{30, 10, 3^4, 2^8\})$	40
30	$\mathcal{O}(0; \{30, 10, 3^7, 2^4\})$	344
30	$\mathcal{O}(0; \{30, 10, 3^{10}\})$	2728
30	$\mathcal{O}(0; \{30, 10, 5^5, 3, 2^4\})$	6552
30	$\mathcal{O}(0; \{30, 10, 5^5, 3^4\})$	32760

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30, 10, 6, 3^2, 2^9\})$	24
30	$\mathcal{O}(0; \{30, 10, 6, 3^5, 2^5\})$	168
30	$\mathcal{O}(0; \{30, 10, 6, 3^8, 2\})$	1368
30	$\mathcal{O}(0; \{30, 10, 6, 5^5, 3^2, 2\})$	19656
30	$\mathcal{O}(0; \{30, 10, 6^2, 2^{10}\})$	8
30	$\mathcal{O}(0; \{30, 10, 6^2, 3^3, 2^6\})$	88
30	$\mathcal{O}(0; \{30, 10, 6^2, 3^6, 2^2\})$	680
30	$\mathcal{O}(0; \{30, 10, 6^2, 5^5, 2^2\})$	6552
30	$\mathcal{O}(0; \{30, 10, 6^3, 3, 2^7\})$	40
30	$\mathcal{O}(0; \{30, 10, 6^3, 3^4, 2^3\})$	344
30	$\mathcal{O}(0; \{30, 10, 6^4, 3^2, 2^4\})$	168
30	$\mathcal{O}(0; \{30, 10, 6^4, 3^5\})$	1368
30	$\mathcal{O}(0; \{30, 10, 6^5, 2^5\})$	88
30	$\mathcal{O}(0; \{30, 10, 6^5, 3^3, 2\})$	680
30	$\mathcal{O}(0; \{30, 10, 6^6, 3, 2^2\})$	344
30	$\mathcal{O}(0; \{30, 10, 6^8\})$	680
30	$\mathcal{O}(0; \{30, 10^2, 5^2, 3, 2^7\})$	408
30	$\mathcal{O}(0; \{30, 10^2, 5^2, 3^4, 2^3\})$	2040
30	$\mathcal{O}(0; \{30, 10^2, 6, 5^2, 3^2, 2^4\})$	1224
30	$\mathcal{O}(0; \{30, 10^2, 6, 5^2, 3^5\})$	8568
30	$\mathcal{O}(0; \{30, 10^2, 6^2, 5^2, 2^5\})$	408
30	$\mathcal{O}(0; \{30, 10^2, 6^2, 5^2, 3^3, 2\})$	4488
30	$\mathcal{O}(0; \{30, 10^2, 6^3, 5^2, 3, 2^2\})$	2040
30	$\mathcal{O}(0; \{30, 10^2, 6^5, 5^2\})$	4488
30	$\mathcal{O}(0; \{30, 10^3, 5^4, 3, 2^2\})$	26216
30	$\mathcal{O}(0; \{30, 10^3, 6^2, 5^4\})$	26216
30	$\mathcal{O}(0; \{30, 10^4, 5, 3, 2^3\})$	1640
30	$\mathcal{O}(0; \{30, 10^4, 5, 3^4, 2\})$	8200
30	$\mathcal{O}(0; \{30, 10^4, 6, 5, 3^2, 2^2\})$	4920
30	$\mathcal{O}(0; \{30, 10^4, 6^2, 5, 2^3\})$	1640
30	$\mathcal{O}(0; \{30, 10^4, 6^3, 5, 3\})$	8200
30	$\mathcal{O}(0; \{30, 10^5, 5^3, 3\})$	104856
30	$\mathcal{O}(0; \{30, 10^6, 3, 2^3\})$	6552
30	$\mathcal{O}(0; \{30, 10^6, 6, 3^2\})$	19656
30	$\mathcal{O}(0; \{30, 10^6, 6^2, 2\})$	6552
30	$\mathcal{O}(0; \{30, 15, 5, 3^2, 2^9\})$	72
30	$\mathcal{O}(0; \{30, 15, 5, 3^5, 2^5\})$	504
30	$\mathcal{O}(0; \{30, 15, 5, 3^8, 2\})$	4104
30	$\mathcal{O}(0; \{30, 15, 5^6, 3^2, 2\})$	78648
30	$\mathcal{O}(0; \{30, 15, 6, 5, 2^{10}\})$	24
30	$\mathcal{O}(0; \{30, 15, 6, 5, 3^3, 2^6\})$	264
30	$\mathcal{O}(0; \{30, 15, 6, 5, 3^6, 2^2\})$	2040
30	$\mathcal{O}(0; \{30, 15, 6, 5^6, 2^2\})$	26216

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30, 15, 6^2, 5, 3, 2^7\})$	120
30	$\mathcal{O}(0; \{30, 15, 6^2, 5, 3^4, 2^3\})$	1032
30	$\mathcal{O}(0; \{30, 15, 6^3, 5, 3^2, 2^4\})$	504
30	$\mathcal{O}(0; \{30, 15, 6^3, 5, 3^5\})$	4104
30	$\mathcal{O}(0; \{30, 15, 6^4, 5, 2^5\})$	264
30	$\mathcal{O}(0; \{30, 15, 6^4, 5, 3^3, 2\})$	2040
30	$\mathcal{O}(0; \{30, 15, 6^5, 5, 3, 2^2\})$	1032
30	$\mathcal{O}(0; \{30, 15, 6^7, 5\})$	2040
30	$\mathcal{O}(0; \{30, 15, 10, 5^3, 3^2, 2^4\})$	4920
30	$\mathcal{O}(0; \{30, 15, 10, 5^3, 3^5\})$	34440
30	$\mathcal{O}(0; \{30, 15, 10, 6, 5^3, 2^5\})$	1640
30	$\mathcal{O}(0; \{30, 15, 10, 6, 5^3, 3^3, 2\})$	18040
30	$\mathcal{O}(0; \{30, 15, 10, 6^2, 5^3, 3, 2^2\})$	8200
30	$\mathcal{O}(0; \{30, 15, 10, 6^4, 5^3\})$	18040
30	$\mathcal{O}(0; \{30, 15, 10^2, 3^2, 2^7\})$	312
30	$\mathcal{O}(0; \{30, 15, 10^2, 3^5, 2^3\})$	2184
30	$\mathcal{O}(0; \{30, 15, 10^2, 6, 2^8\})$	104
30	$\mathcal{O}(0; \{30, 15, 10^2, 6, 3^3, 2^4\})$	1144
30	$\mathcal{O}(0; \{30, 15, 10^2, 6, 3^6\})$	8840
30	$\mathcal{O}(0; \{30, 15, 10^2, 6, 5^5\})$	104856
30	$\mathcal{O}(0; \{30, 15, 10^2, 6^2, 3, 2^5\})$	520
30	$\mathcal{O}(0; \{30, 15, 10^2, 6^2, 3^4, 2\})$	4472
30	$\mathcal{O}(0; \{30, 15, 10^2, 6^3, 3^2, 2^2\})$	2184
30	$\mathcal{O}(0; \{30, 15, 10^2, 6^4, 2^3\})$	1144
30	$\mathcal{O}(0; \{30, 15, 10^2, 6^5, 3\})$	4472
30	$\mathcal{O}(0; \{30, 15, 10^3, 5^2, 3^2, 2^2\})$	19656
30	$\mathcal{O}(0; \{30, 15, 10^3, 6, 5^2, 2^3\})$	6552
30	$\mathcal{O}(0; \{30, 15, 10^3, 6^2, 5^2, 3\})$	32760
30	$\mathcal{O}(0; \{30, 15, 10^5, 5, 3^2\})$	78648
30	$\mathcal{O}(0; \{30, 15, 10^5, 6, 5, 2\})$	26216
30	$\mathcal{O}(0; \{30, 15^2, 5^4, 2^5\})$	6552
30	$\mathcal{O}(0; \{30, 15^2, 5^4, 3^3, 2\})$	72072
30	$\mathcal{O}(0; \{30, 15^2, 6, 5^4, 3, 2^2\})$	32760
30	$\mathcal{O}(0; \{30, 15^2, 6^3, 5^4\})$	72072
30	$\mathcal{O}(0; \{30, 15^2, 10, 5, 2^8\})$	408
30	$\mathcal{O}(0; \{30, 15^2, 10, 5, 3^3, 2^4\})$	4488
30	$\mathcal{O}(0; \{30, 15^2, 10, 5, 3^6\})$	34680
30	$\mathcal{O}(0; \{30, 15^2, 10, 5^6\})$	419432
30	$\mathcal{O}(0; \{30, 15^2, 10, 6, 5, 3, 2^5\})$	2040
30	$\mathcal{O}(0; \{30, 15^2, 10, 6, 5, 3^4, 2\})$	17544
30	$\mathcal{O}(0; \{30, 15^2, 10, 6^2, 5, 3^2, 2^2\})$	8568
30	$\mathcal{O}(0; \{30, 15^2, 10, 6^3, 5, 2^3\})$	4488
30	$\mathcal{O}(0; \{30, 15^2, 10, 6^4, 5, 3\})$	17544

Continued on next page

Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30, 15^2, 10^2, 5^3, 2^3\})$	26216
30	$\mathcal{O}(0; \{30, 15^2, 10^2, 6, 5^3, 3\})$	131080
30	$\mathcal{O}(0; \{30, 15^2, 10^3, 2^6\})$	1640
30	$\mathcal{O}(0; \{30, 15^2, 10^3, 3^3, 2^2\})$	18040
30	$\mathcal{O}(0; \{30, 15^2, 10^3, 6, 3, 2^3\})$	8200
30	$\mathcal{O}(0; \{30, 15^2, 10^3, 6^2, 3^2\})$	34440
30	$\mathcal{O}(0; \{30, 15^2, 10^3, 6^3, 2\})$	18040
30	$\mathcal{O}(0; \{30, 15^2, 10^4, 5^2, 2\})$	104856
30	$\mathcal{O}(0; \{30, 15^3, 5^2, 3, 2^5\})$	8200
30	$\mathcal{O}(0; \{30, 15^3, 5^2, 3^4, 2\})$	70520
30	$\mathcal{O}(0; \{30, 15^3, 6, 5^2, 3^2, 2^2\})$	34440
30	$\mathcal{O}(0; \{30, 15^3, 6^2, 5^2, 2^3\})$	18040
30	$\mathcal{O}(0; \{30, 15^3, 6^3, 5^2, 3\})$	70520
30	$\mathcal{O}(0; \{30, 15^3, 10, 5^4, 3\})$	524280
30	$\mathcal{O}(0; \{30, 15^3, 10^2, 5, 3, 2^3\})$	32760
30	$\mathcal{O}(0; \{30, 15^3, 10^2, 6, 5, 3^2\})$	137592
30	$\mathcal{O}(0; \{30, 15^3, 10^2, 6^2, 5, 2\})$	72072
30	$\mathcal{O}(0; \{30, 15^3, 10^4, 3, 2\})$	131080
30	$\mathcal{O}(0; \{30, 15^4, 3^2, 2^5\})$	8568
30	$\mathcal{O}(0; \{30, 15^4, 3^5, 2\})$	69768
30	$\mathcal{O}(0; \{30, 15^4, 6, 2^6\})$	4488
30	$\mathcal{O}(0; \{30, 15^4, 6, 3^3, 2^2\})$	34680
30	$\mathcal{O}(0; \{30, 15^4, 6^2, 3, 2^3\})$	17544
30	$\mathcal{O}(0; \{30, 15^4, 6^3, 3^2\})$	69768
30	$\mathcal{O}(0; \{30, 15^4, 6^4, 2\})$	34680
30	$\mathcal{O}(0; \{30, 15^4, 10, 5^2, 3^2\})$	550536
30	$\mathcal{O}(0; \{30, 15^4, 10, 6, 5^2, 2\})$	288376
30	$\mathcal{O}(0; \{30, 15^5, 5^3, 2\})$	1153416
30	$\mathcal{O}(0; \{30, 15^5, 10, 2^4\})$	72072
30	$\mathcal{O}(0; \{30, 15^5, 10, 3^3\})$	556920
30	$\mathcal{O}(0; \{30, 15^5, 10, 6, 3, 2\})$	281736
30	$\mathcal{O}(0; \{30, 15^6, 5, 3, 2\})$	1127288
30	$\mathcal{O}(0; \{30^2, 5^2, 2^{10}\})$	104
30	$\mathcal{O}(0; \{30^2, 5^2, 3^3, 2^6\})$	520
30	$\mathcal{O}(0; \{30^2, 5^2, 3^6, 2^2\})$	4472
30	$\mathcal{O}(0; \{30^2, 5^7, 2^2\})$	104856
30	$\mathcal{O}(0; \{30^2, 6, 5^2, 3, 2^7\})$	312
30	$\mathcal{O}(0; \{30^2, 6, 5^2, 3^4, 2^3\})$	2184
30	$\mathcal{O}(0; \{30^2, 6^2, 5^2, 3^2, 2^4\})$	1144
30	$\mathcal{O}(0; \{30^2, 6^2, 5^2, 3^5\})$	8840
30	$\mathcal{O}(0; \{30^2, 6^3, 5^2, 2^5\})$	520
30	$\mathcal{O}(0; \{30^2, 6^3, 5^2, 3^3, 2\})$	4472
30	$\mathcal{O}(0; \{30^2, 6^4, 5^2, 3, 2^2\})$	2184

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30^2, 6^6, 5^2\})$	4472
30	$\mathcal{O}(0; \{30^2, 10, 5^4, 2^5\})$	6552
30	$\mathcal{O}(0; \{30^2, 10, 5^4, 3^3, 2\})$	32760
30	$\mathcal{O}(0; \{30^2, 10, 6, 5^4, 3, 2^2\})$	19656
30	$\mathcal{O}(0; \{30^2, 10, 6^3, 5^4\})$	32760
30	$\mathcal{O}(0; \{30^2, 10^2, 5, 2^8\})$	408
30	$\mathcal{O}(0; \{30^2, 10^2, 5, 3^3, 2^4\})$	2040
30	$\mathcal{O}(0; \{30^2, 10^2, 5, 3^6\})$	17544
30	$\mathcal{O}(0; \{30^2, 10^2, 5^6\})$	419432
30	$\mathcal{O}(0; \{30^2, 10^2, 6, 5, 3, 2^5\})$	1224
30	$\mathcal{O}(0; \{30^2, 10^2, 6, 5, 3^4, 2\})$	8568
30	$\mathcal{O}(0; \{30^2, 10^2, 6^2, 5, 3^2, 2^2\})$	4488
30	$\mathcal{O}(0; \{30^2, 10^2, 6^3, 5, 2^3\})$	2040
30	$\mathcal{O}(0; \{30^2, 10^2, 6^4, 5, 3\})$	8568
30	$\mathcal{O}(0; \{30^2, 10^3, 5^3, 2^3\})$	26216
30	$\mathcal{O}(0; \{30^2, 10^3, 6, 5^3, 3\})$	78648
30	$\mathcal{O}(0; \{30^2, 10^4, 2^6\})$	1640
30	$\mathcal{O}(0; \{30^2, 10^4, 3^3, 2^2\})$	8200
30	$\mathcal{O}(0; \{30^2, 10^4, 6, 3, 2^3\})$	4920
30	$\mathcal{O}(0; \{30^2, 10^4, 6^2, 3^2\})$	18040
30	$\mathcal{O}(0; \{30^2, 10^4, 6^3, 2\})$	8200
30	$\mathcal{O}(0; \{30^2, 10^5, 5^2, 2\})$	104856
30	$\mathcal{O}(0; \{30^2, 15, 3, 2^{10}\})$	72
30	$\mathcal{O}(0; \{30^2, 15, 3^4, 2^6\})$	504
30	$\mathcal{O}(0; \{30^2, 15, 3^7, 2^2\})$	4104
30	$\mathcal{O}(0; \{30^2, 15, 5^5, 3, 2^2\})$	78648
30	$\mathcal{O}(0; \{30^2, 15, 6, 3^2, 2^7\})$	264
30	$\mathcal{O}(0; \{30^2, 15, 6, 3^5, 2^3\})$	2040
30	$\mathcal{O}(0; \{30^2, 15, 6^2, 2^8\})$	120
30	$\mathcal{O}(0; \{30^2, 15, 6^2, 3^3, 2^4\})$	1032
30	$\mathcal{O}(0; \{30^2, 15, 6^2, 3^6\})$	8184
30	$\mathcal{O}(0; \{30^2, 15, 6^2, 5^5\})$	131080
30	$\mathcal{O}(0; \{30^2, 15, 6^3, 3, 2^5\})$	504
30	$\mathcal{O}(0; \{30^2, 15, 6^3, 3^4, 2\})$	4104
30	$\mathcal{O}(0; \{30^2, 15, 6^4, 3^2, 2^2\})$	2040
30	$\mathcal{O}(0; \{30^2, 15, 6^5, 2^3\})$	1032
30	$\mathcal{O}(0; \{30^2, 15, 6^6, 3\})$	4104
30	$\mathcal{O}(0; \{30^2, 15, 10, 5^2, 3, 2^5\})$	4920
30	$\mathcal{O}(0; \{30^2, 15, 10, 5^2, 3^4, 2\})$	34440
30	$\mathcal{O}(0; \{30^2, 15, 10, 6, 5^2, 3^2, 2^2\})$	18040
30	$\mathcal{O}(0; \{30^2, 15, 10, 6^2, 5^2, 2^3\})$	8200
30	$\mathcal{O}(0; \{30^2, 15, 10, 6^3, 5^2, 3\})$	34440
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 5^4, 3\})$	314568

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30^2, 15, 10^3, 5, 3, 2^3\})$	19656
30	$\mathcal{O}(0; \{30^2, 15, 10^3, 6, 5, 3^2\})$	72072
30	$\mathcal{O}(0; \{30^2, 15, 10^3, 6^2, 5, 2\})$	32760
30	$\mathcal{O}(0; \{30^2, 15, 10^5, 3, 2\})$	78648
30	$\mathcal{O}(0; \{30^2, 15^2, 5^3, 3^2, 2^2\})$	72072
30	$\mathcal{O}(0; \{30^2, 15^2, 6, 5^3, 2^3\})$	32760
30	$\mathcal{O}(0; \{30^2, 15^2, 6^2, 5^3, 3\})$	137592
30	$\mathcal{O}(0; \{30^2, 15^2, 10, 3^2, 2^5\})$	4488
30	$\mathcal{O}(0; \{30^2, 15^2, 10, 3^5, 2\})$	34680
30	$\mathcal{O}(0; \{30^2, 15^2, 10, 6, 2^6\})$	2040
30	$\mathcal{O}(0; \{30^2, 15^2, 10, 6, 3^3, 2^2\})$	17544
30	$\mathcal{O}(0; \{30^2, 15^2, 10, 6^2, 3, 2^3\})$	8568
30	$\mathcal{O}(0; \{30^2, 15^2, 10, 6^3, 3^2\})$	34680
30	$\mathcal{O}(0; \{30^2, 15^2, 10, 6^4, 2\})$	17544
30	$\mathcal{O}(0; \{30^2, 15^2, 10^2, 5^2, 3^2\})$	288376
30	$\mathcal{O}(0; \{30^2, 15^2, 10^2, 6, 5^2, 2\})$	131080
30	$\mathcal{O}(0; \{30^2, 15^3, 5, 2^6\})$	8200
30	$\mathcal{O}(0; \{30^2, 15^3, 5, 3^3, 2^2\})$	70520
30	$\mathcal{O}(0; \{30^2, 15^3, 6, 5, 3, 2^3\})$	34440
30	$\mathcal{O}(0; \{30^2, 15^3, 6^2, 5, 3^2\})$	139400
30	$\mathcal{O}(0; \{30^2, 15^3, 6^3, 5, 2\})$	70520
30	$\mathcal{O}(0; \{30^2, 15^3, 10, 5^3, 2\})$	524280
30	$\mathcal{O}(0; \{30^2, 15^3, 10^2, 2^4\})$	32760
30	$\mathcal{O}(0; \{30^2, 15^3, 10^2, 3^3\})$	281736
30	$\mathcal{O}(0; \{30^2, 15^3, 10^2, 6, 3, 2\})$	137592
30	$\mathcal{O}(0; \{30^2, 15^4, 10, 5, 3, 2\})$	550536
30	$\mathcal{O}(0; \{30^2, 15^6, 2^2\})$	1127288
30	$\mathcal{O}(0; \{30^3, 5, 3^2, 2^7\})$	520
30	$\mathcal{O}(0; \{30^3, 5, 3^5, 2^3\})$	4472
30	$\mathcal{O}(0; \{30^3, 6, 5, 2^8\})$	312
30	$\mathcal{O}(0; \{30^3, 6, 5, 3^3, 2^4\})$	2184
30	$\mathcal{O}(0; \{30^3, 6, 5, 3^6\})$	17784
30	$\mathcal{O}(0; \{30^3, 6, 5^6\})$	314568
30	$\mathcal{O}(0; \{30^3, 6^2, 5, 3, 2^5\})$	1144
30	$\mathcal{O}(0; \{30^3, 6^2, 5, 3^4, 2\})$	8840
30	$\mathcal{O}(0; \{30^3, 6^3, 5, 3^2, 2^2\})$	4472
30	$\mathcal{O}(0; \{30^3, 6^4, 5, 2^3\})$	2184
30	$\mathcal{O}(0; \{30^3, 6^5, 5, 3\})$	8840
30	$\mathcal{O}(0; \{30^3, 10, 5^3, 3^2, 2^2\})$	32760
30	$\mathcal{O}(0; \{30^3, 10, 6, 5^3, 2^3\})$	19656
30	$\mathcal{O}(0; \{30^3, 10, 6^2, 5^3, 3\})$	72072
30	$\mathcal{O}(0; \{30^3, 10^2, 3^2, 2^5\})$	2040
30	$\mathcal{O}(0; \{30^3, 10^2, 3^5, 2\})$	17544

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30^3, 10^2, 6, 2^6\})$	1224
30	$\mathcal{O}(0; \{30^3, 10^2, 6, 3^3, 2^2\})$	8568
30	$\mathcal{O}(0; \{30^3, 10^2, 6^2, 3, 2^3\})$	4488
30	$\mathcal{O}(0; \{30^3, 10^2, 6^3, 3^2\})$	17544
30	$\mathcal{O}(0; \{30^3, 10^2, 6^4, 2\})$	8568
30	$\mathcal{O}(0; \{30^3, 10^3, 5^2, 3^2\})$	131080
30	$\mathcal{O}(0; \{30^3, 10^3, 6, 5^2, 2\})$	78648
30	$\mathcal{O}(0; \{30^3, 15, 5^4, 2^3\})$	78648
30	$\mathcal{O}(0; \{30^3, 15, 6, 5^4, 3\})$	288376
30	$\mathcal{O}(0; \{30^3, 15, 10, 5, 2^6\})$	4920
30	$\mathcal{O}(0; \{30^3, 15, 10, 5, 3^3, 2^2\})$	34440
30	$\mathcal{O}(0; \{30^3, 15, 10, 6, 5, 3, 2^3\})$	18040
30	$\mathcal{O}(0; \{30^3, 15, 10, 6^2, 5, 3^2\})$	70520
30	$\mathcal{O}(0; \{30^3, 15, 10, 6^3, 5, 2\})$	34440
30	$\mathcal{O}(0; \{30^3, 15, 10^2, 5^3, 2\})$	314568
30	$\mathcal{O}(0; \{30^3, 15, 10^3, 2^4\})$	19656
30	$\mathcal{O}(0; \{30^3, 15, 10^3, 3^3\})$	137592
30	$\mathcal{O}(0; \{30^3, 15, 10^3, 6, 3, 2\})$	72072
30	$\mathcal{O}(0; \{30^3, 15^2, 5^2, 3, 2^3\})$	72072
30	$\mathcal{O}(0; \{30^3, 15^2, 6, 5^2, 3^2\})$	281736
30	$\mathcal{O}(0; \{30^3, 15^2, 6^2, 5^2, 2\})$	137592
30	$\mathcal{O}(0; \{30^3, 15^2, 10^2, 5, 3, 2\})$	288376
30	$\mathcal{O}(0; \{30^3, 15^3, 3^2, 2^3\})$	70520
30	$\mathcal{O}(0; \{30^3, 15^3, 6, 2^4\})$	34440
30	$\mathcal{O}(0; \{30^3, 15^3, 6, 3^3\})$	280440
30	$\mathcal{O}(0; \{30^3, 15^3, 6^2, 3, 2\})$	139400
30	$\mathcal{O}(0; \{30^3, 15^4, 10, 2^2\})$	550536
30	$\mathcal{O}(0; \{30^4, 3, 2^8\})$	520
30	$\mathcal{O}(0; \{30^4, 3^4, 2^4\})$	4472
30	$\mathcal{O}(0; \{30^4, 3^7\})$	35464
30	$\mathcal{O}(0; \{30^4, 5^5, 3\})$	524280
30	$\mathcal{O}(0; \{30^4, 6, 3^2, 2^5\})$	2184
30	$\mathcal{O}(0; \{30^4, 6, 3^5, 2\})$	17784
30	$\mathcal{O}(0; \{30^4, 6^2, 2^6\})$	1144
30	$\mathcal{O}(0; \{30^4, 6^2, 3^3, 2^2\})$	8840
30	$\mathcal{O}(0; \{30^4, 6^3, 3, 2^3\})$	4472
30	$\mathcal{O}(0; \{30^4, 6^4, 3^2\})$	17784
30	$\mathcal{O}(0; \{30^4, 6^5, 2\})$	8840
30	$\mathcal{O}(0; \{30^4, 10, 5^2, 3, 2^3\})$	32760
30	$\mathcal{O}(0; \{30^4, 10, 6, 5^2, 3^2\})$	137592
30	$\mathcal{O}(0; \{30^4, 10, 6^2, 5^2, 2\})$	72072
30	$\mathcal{O}(0; \{30^4, 10^3, 5, 3, 2\})$	131080
30	$\mathcal{O}(0; \{30^4, 15, 5^3, 3^2\})$	550536

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30^4, 15, 6, 5^3, 2\})$	288376
30	$\mathcal{O}(0; \{30^4, 15, 10, 3^2, 2^3\})$	34440
30	$\mathcal{O}(0; \{30^4, 15, 10, 6, 2^4\})$	18040
30	$\mathcal{O}(0; \{30^4, 15, 10, 6, 3^3\})$	139400
30	$\mathcal{O}(0; \{30^4, 15, 10, 6^2, 3, 2\})$	70520
30	$\mathcal{O}(0; \{30^4, 15^2, 5, 2^4\})$	72072
30	$\mathcal{O}(0; \{30^4, 15^2, 5, 3^3\})$	556920
30	$\mathcal{O}(0; \{30^4, 15^2, 6, 5, 3, 2\})$	281736
30	$\mathcal{O}(0; \{30^4, 15^2, 10^2, 2^2\})$	288376
30	$\mathcal{O}(0; \{30^4, 15^5\})$	8912760
30	$\mathcal{O}(0; \{30^5, 5^4, 2\})$	524280
30	$\mathcal{O}(0; \{30^5, 10, 5, 2^4\})$	32760
30	$\mathcal{O}(0; \{30^5, 10, 5, 3^3\})$	281736
30	$\mathcal{O}(0; \{30^5, 10, 6, 5, 3, 2\})$	137592
30	$\mathcal{O}(0; \{30^5, 10^3, 2^2\})$	131080
30	$\mathcal{O}(0; \{30^5, 15, 5^2, 3, 2\})$	550536
30	$\mathcal{O}(0; \{30^5, 15^2, 3^2, 2\})$	556920
30	$\mathcal{O}(0; \{30^5, 15^2, 6, 2^2\})$	281736
30	$\mathcal{O}(0; \{30^5, 15^3, 10\})$	4508808
30	$\mathcal{O}(0; \{30^6, 10, 3^2, 2\})$	281736
30	$\mathcal{O}(0; \{30^6, 10, 6, 2^2\})$	137592
30	$\mathcal{O}(0; \{30^6, 15, 5, 2^2\})$	550536
30	$\mathcal{O}(0; \{30^6, 15, 10^2\})$	2201976
30	$\mathcal{O}(0; \{30^7, 15, 6\})$	2228360
30	$\mathcal{O}(0; \{30^8, 5\})$	4508808
32	$\mathcal{O}(2; \{16^2, 4, 2^3\})$	15728640
32	$\mathcal{O}(2; \{16^2, 4^3\})$	62914560
32	$\mathcal{O}(2; \{16^2, 8^2, 2\})$	125829120
32	$\mathcal{O}(2; \{32^2, 16, 4, 2\})$	268435456
32	$\mathcal{O}(1; \{16^2, 4, 2^7\})$	12288
32	$\mathcal{O}(1; \{16^2, 4^3, 2^4\})$	49152
32	$\mathcal{O}(1; \{16^2, 4^5, 2\})$	196608
32	$\mathcal{O}(1; \{16^2, 8^2, 2^5\})$	98304
32	$\mathcal{O}(1; \{16^2, 8^2, 4^2, 2^2\})$	393216
32	$\mathcal{O}(1; \{16^2, 8^4, 4\})$	3145728
32	$\mathcal{O}(1; \{16^4, 8, 2^3\})$	1572864
32	$\mathcal{O}(1; \{16^4, 8, 4^2\})$	6291456
32	$\mathcal{O}(1; \{16^6, 2\})$	25165824
32	$\mathcal{O}(1; \{32^2, 16, 4, 2^5\})$	262144
32	$\mathcal{O}(1; \{32^2, 16, 4^3, 2^2\})$	1048576
32	$\mathcal{O}(1; \{32^2, 16, 8^2, 2^3\})$	2097152
32	$\mathcal{O}(1; \{32^2, 16, 8^2, 4^2\})$	8388608
32	$\mathcal{O}(1; \{32^2, 16^3, 8, 2\})$	33554432

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
32	$\mathcal{O}(1; \{32^4, 4, 2^3\})$	8388608
32	$\mathcal{O}(1; \{32^4, 4^3\})$	33554432
32	$\mathcal{O}(1; \{32^4, 8^2, 2\})$	67108864
32	$\mathcal{O}(0; \{32^2, 16, 4, 2^9\})$	256
32	$\mathcal{O}(0; \{32^2, 16, 4^3, 2^6\})$	1024
32	$\mathcal{O}(0; \{32^2, 16, 4^5, 2^3\})$	4096
32	$\mathcal{O}(0; \{32^2, 16, 4^7\})$	16384
32	$\mathcal{O}(0; \{32^2, 16, 8^2, 2^7\})$	2048
32	$\mathcal{O}(0; \{32^2, 16, 8^2, 4^2, 2^4\})$	8192
32	$\mathcal{O}(0; \{32^2, 16, 8^2, 4^4, 2\})$	32768
32	$\mathcal{O}(0; \{32^2, 16, 8^4, 4, 2^2\})$	65536
32	$\mathcal{O}(0; \{32^2, 16, 8^6\})$	524288
32	$\mathcal{O}(0; \{32^2, 16^3, 8, 2^5\})$	32768
32	$\mathcal{O}(0; \{32^2, 16^3, 8, 4^2, 2^2\})$	131072
32	$\mathcal{O}(0; \{32^2, 16^3, 8^3, 4\})$	1048576
32	$\mathcal{O}(0; \{32^2, 16^5, 2^3\})$	524288
32	$\mathcal{O}(0; \{32^2, 16^5, 4^2\})$	2097152
32	$\mathcal{O}(0; \{32^4, 4, 2^7\})$	8192
32	$\mathcal{O}(0; \{32^4, 4^3, 2^4\})$	32768
32	$\mathcal{O}(0; \{32^4, 4^5, 2\})$	131072
32	$\mathcal{O}(0; \{32^4, 8^2, 2^5\})$	65536
32	$\mathcal{O}(0; \{32^4, 8^2, 4^2, 2^2\})$	262144
32	$\mathcal{O}(0; \{32^4, 8^4, 4\})$	2097152
32	$\mathcal{O}(0; \{32^4, 16^2, 8, 2^3\})$	1048576
32	$\mathcal{O}(0; \{32^4, 16^2, 8, 4^2\})$	4194304
32	$\mathcal{O}(0; \{32^4, 16^4, 2\})$	16777216
32	$\mathcal{O}(0; \{32^6, 16, 8, 2\})$	33554432
33	$\mathcal{O}(3; \{33^2\})$	25829359380
33	$\mathcal{O}(2; \{33^2, 3^3\})$	118592100
33	$\mathcal{O}(1; \{33, 11^4, 3^2\})$	19798020
33	$\mathcal{O}(1; \{33^2, 3^6\})$	936540
33	$\mathcal{O}(0; \{33, 11^4, 3^5\})$	199980
33	$\mathcal{O}(0; \{33^2, 3^9\})$	6820
33	$\mathcal{O}(0; \{33^4, 11^3, 3^2\})$	19999980
34	$\mathcal{O}(2; \{17^4\})$	4830854640
34	$\mathcal{O}(1; \{17^4, 2^4\})$	4457536
34	$\mathcal{O}(1; \{34^2, 17^3, 2^2\})$	71302080
34	$\mathcal{O}(1; \{34^4, 17^2\})$	1140851776
34	$\mathcal{O}(0; \{17^4, 2^8\})$	3856
34	$\mathcal{O}(0; \{34^2, 17^3, 2^6\})$	61680
34	$\mathcal{O}(0; \{34^4, 17^2, 2^4\})$	986896
34	$\mathcal{O}(0; \{34^6, 17, 2^2\})$	15790320
34	$\mathcal{O}(0; \{34^8\})$	252645136

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
35	$\mathcal{O}(3; \{5^2\})$	7353000000
35	$\mathcal{O}(2; \{35^2, 7, 5\})$	540225000
35	$\mathcal{O}(1; \{5^7\})$	3931200
35	$\mathcal{O}(1; \{35^4, 7^2\})$	424624200
35	$\mathcal{O}(0; \{7^7, 5^2\})$	159960
35	$\mathcal{O}(0; \{35, 7^4, 5^4\})$	226440
35	$\mathcal{O}(0; \{35^2, 7, 5^6\})$	393240
35	$\mathcal{O}(0; \{35^7, 5\})$	524188920
36	$\mathcal{O}(2; \{9^2, 3, 2^2\})$	18895680
36	$\mathcal{O}(2; \{9^2, 6^2\})$	37791360
36	$\mathcal{O}(2; \{12, 9^2, 4\})$	40310784
36	$\mathcal{O}(2; \{18^2, 9, 3\})$	56687040
36	$\mathcal{O}(2; \{36, 9, 6, 4\})$	40310784
36	$\mathcal{O}(2; \{36, 12, 9, 3\})$	80621568
36	$\mathcal{O}(2; \{36^2, 2^3\})$	20155392
36	$\mathcal{O}(2; \{36^2, 4^2\})$	80621568
36	$\mathcal{O}(2; \{36^2, 6, 3\})$	80621568
36	$\mathcal{O}(1; \{9^2, 3, 2^6\})$	11664
36	$\mathcal{O}(1; \{9^2, 3^4, 2^2\})$	93312
36	$\mathcal{O}(1; \{9^2, 4^2, 3, 2^3\})$	31104
36	$\mathcal{O}(1; \{9^2, 4^4, 3\})$	124416
36	$\mathcal{O}(1; \{9^2, 6, 3^2, 2^3\})$	46656
36	$\mathcal{O}(1; \{9^2, 6, 4^2, 3^2\})$	124416
36	$\mathcal{O}(1; \{9^2, 6^2, 2^4\})$	23328
36	$\mathcal{O}(1; \{9^2, 6^2, 3^3\})$	186624
36	$\mathcal{O}(1; \{9^2, 6^2, 4^2, 2\})$	62208
36	$\mathcal{O}(1; \{9^2, 6^3, 3, 2\})$	93312
36	$\mathcal{O}(1; \{9^5, 2^2\})$	787320
36	$\mathcal{O}(1; \{12, 9^2, 4, 2^4\})$	31104
36	$\mathcal{O}(1; \{12, 9^2, 4, 3^3\})$	248832
36	$\mathcal{O}(1; \{12, 9^2, 4^3, 2\})$	124416
36	$\mathcal{O}(1; \{12, 9^2, 6, 4, 3, 2\})$	124416
36	$\mathcal{O}(1; \{12^2, 9^2, 3^2, 2\})$	248832
36	$\mathcal{O}(1; \{12^2, 9^2, 6, 2^2\})$	124416
36	$\mathcal{O}(1; \{12^4, 9^2\})$	995328
36	$\mathcal{O}(1; \{18, 9^3, 3^2, 2\})$	629856
36	$\mathcal{O}(1; \{18, 9^3, 6, 2^2\})$	314928
36	$\mathcal{O}(1; \{18, 12^2, 9^3\})$	1679616
36	$\mathcal{O}(1; \{18^2, 9, 3, 2^4\})$	34992
36	$\mathcal{O}(1; \{18^2, 9, 3^4\})$	279936
36	$\mathcal{O}(1; \{18^2, 9, 4^2, 3, 2\})$	93312
36	$\mathcal{O}(1; \{18^2, 9, 6, 3^2, 2\})$	139968
36	$\mathcal{O}(1; \{18^2, 9, 6^2, 2^2\})$	69984

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(1; \{18^2, 9^4\})$	5196312
36	$\mathcal{O}(1; \{18^2, 12, 9, 4, 2^2\})$	93312
36	$\mathcal{O}(1; \{18^2, 12^2, 9, 6\})$	373248
36	$\mathcal{O}(1; \{18^3, 9^2, 6\})$	1574640
36	$\mathcal{O}(1; \{18^4, 3, 2^2\})$	314928
36	$\mathcal{O}(1; \{18^4, 6^2\})$	629856
36	$\mathcal{O}(1; \{18^4, 12, 4\})$	839808
36	$\mathcal{O}(1; \{36, 9, 4, 3^2, 2^3\})$	62208
36	$\mathcal{O}(1; \{36, 9, 4^3, 3^2\})$	248832
36	$\mathcal{O}(1; \{36, 9, 6, 4, 2^4\})$	31104
36	$\mathcal{O}(1; \{36, 9, 6, 4, 3^3\})$	248832
36	$\mathcal{O}(1; \{36, 9, 6, 4^3, 2\})$	124416
36	$\mathcal{O}(1; \{36, 9, 6^2, 4, 3, 2\})$	124416
36	$\mathcal{O}(1; \{36, 12, 9, 3, 2^4\})$	62208
36	$\mathcal{O}(1; \{36, 12, 9, 3^4\})$	497664
36	$\mathcal{O}(1; \{36, 12, 9, 4^2, 3, 2\})$	248832
36	$\mathcal{O}(1; \{36, 12, 9, 6, 3^2, 2\})$	248832
36	$\mathcal{O}(1; \{36, 12, 9, 6^2, 2^2\})$	124416
36	$\mathcal{O}(1; \{36, 12, 9^4\})$	4199040
36	$\mathcal{O}(1; \{36, 12^2, 9, 4, 2^2\})$	248832
36	$\mathcal{O}(1; \{36, 12^3, 9, 6\})$	995328
36	$\mathcal{O}(1; \{36, 18, 9^2, 4, 2^2\})$	419904
36	$\mathcal{O}(1; \{36, 18, 12, 9^2, 6\})$	1679616
36	$\mathcal{O}(1; \{36, 18^2, 4, 3^2, 2\})$	186624
36	$\mathcal{O}(1; \{36, 18^2, 6, 4, 2^2\})$	93312
36	$\mathcal{O}(1; \{36, 18^2, 12, 3, 2^2\})$	186624
36	$\mathcal{O}(1; \{36, 18^2, 12, 6^2\})$	373248
36	$\mathcal{O}(1; \{36, 18^2, 12^2, 4\})$	746496
36	$\mathcal{O}(1; \{36, 18^3, 9, 4\})$	2099520
36	$\mathcal{O}(1; \{36^2, 2^7\})$	15552
36	$\mathcal{O}(1; \{36^2, 3^3, 2^3\})$	124416
36	$\mathcal{O}(1; \{36^2, 4^2, 2^4\})$	62208
36	$\mathcal{O}(1; \{36^2, 4^2, 3^3\})$	497664
36	$\mathcal{O}(1; \{36^2, 4^4, 2\})$	248832
36	$\mathcal{O}(1; \{36^2, 6, 3, 2^4\})$	62208
36	$\mathcal{O}(1; \{36^2, 6, 3^4\})$	497664
36	$\mathcal{O}(1; \{36^2, 6, 4^2, 3, 2\})$	248832
36	$\mathcal{O}(1; \{36^2, 6^2, 3^2, 2\})$	248832
36	$\mathcal{O}(1; \{36^2, 6^3, 2^2\})$	124416
36	$\mathcal{O}(1; \{36^2, 9^3, 6\})$	4199040
36	$\mathcal{O}(1; \{36^2, 12, 4, 3^2, 2\})$	497664
36	$\mathcal{O}(1; \{36^2, 12, 6, 4, 2^2\})$	248832
36	$\mathcal{O}(1; \{36^2, 12^2, 3, 2^2\})$	497664

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(1; \{36^2, 12^2, 6^2\})$	995328
36	$\mathcal{O}(1; \{36^2, 12^3, 4\})$	1990656
36	$\mathcal{O}(1; \{36^2, 18, 9, 3, 2^2\})$	839808
36	$\mathcal{O}(1; \{36^2, 18, 9, 6^2\})$	1679616
36	$\mathcal{O}(1; \{36^2, 18, 12, 9, 4\})$	3359232
36	$\mathcal{O}(1; \{36^2, 18^3, 3\})$	4199040
36	$\mathcal{O}(1; \{36^3, 9^2, 4\})$	8398080
36	$\mathcal{O}(1; \{36^3, 18, 6, 4\})$	3359232
36	$\mathcal{O}(1; \{36^3, 18, 12, 3\})$	6718464
36	$\mathcal{O}(1; \{36^4, 9, 3\})$	16796160
36	$\mathcal{O}(0; \{9^2, 4^2, 3, 2^7\})$	24
36	$\mathcal{O}(0; \{9^2, 4^2, 3^4, 2^3\})$	192
36	$\mathcal{O}(0; \{9^2, 4^4, 3, 2^4\})$	96
36	$\mathcal{O}(0; \{9^2, 4^4, 3^4\})$	768
36	$\mathcal{O}(0; \{9^2, 4^6, 3, 2\})$	384
36	$\mathcal{O}(0; \{9^2, 6, 4^2, 3^2, 2^4\})$	96
36	$\mathcal{O}(0; \{9^2, 6, 4^2, 3^5\})$	768
36	$\mathcal{O}(0; \{9^2, 6, 4^4, 3^2, 2\})$	384
36	$\mathcal{O}(0; \{9^2, 6^2, 4^2, 2^5\})$	48
36	$\mathcal{O}(0; \{9^2, 6^2, 4^2, 3^3, 2\})$	384
36	$\mathcal{O}(0; \{9^2, 6^2, 4^4, 2^2\})$	192
36	$\mathcal{O}(0; \{9^2, 6^3, 4^2, 3, 2^2\})$	192
36	$\mathcal{O}(0; \{9^2, 6^5, 4^2\})$	384
36	$\mathcal{O}(0; \{9^5, 4^2, 2^3\})$	1620
36	$\mathcal{O}(0; \{9^5, 4^4\})$	6480
36	$\mathcal{O}(0; \{9^5, 6, 4^2, 3\})$	6480
36	$\mathcal{O}(0; \{12, 9^2, 4, 2^8\})$	24
36	$\mathcal{O}(0; \{12, 9^2, 4, 3^3, 2^4\})$	192
36	$\mathcal{O}(0; \{12, 9^2, 4, 3^6\})$	1536
36	$\mathcal{O}(0; \{12, 9^2, 4^3, 2^5\})$	96
36	$\mathcal{O}(0; \{12, 9^2, 4^3, 3^3, 2\})$	768
36	$\mathcal{O}(0; \{12, 9^2, 4^5, 2^2\})$	384
36	$\mathcal{O}(0; \{12, 9^2, 6, 4, 3, 2^5\})$	96
36	$\mathcal{O}(0; \{12, 9^2, 6, 4, 3^4, 2\})$	768
36	$\mathcal{O}(0; \{12, 9^2, 6, 4^3, 3, 2^2\})$	384
36	$\mathcal{O}(0; \{12, 9^2, 6^2, 4, 3^2, 2^2\})$	384
36	$\mathcal{O}(0; \{12, 9^2, 6^3, 4, 2^3\})$	192
36	$\mathcal{O}(0; \{12, 9^2, 6^3, 4^3\})$	768
36	$\mathcal{O}(0; \{12, 9^2, 6^4, 4, 3\})$	768
36	$\mathcal{O}(0; \{12, 9^5, 4, 3^2\})$	12960
36	$\mathcal{O}(0; \{12, 9^5, 6, 4, 2\})$	6480
36	$\mathcal{O}(0; \{12^2, 9^2, 3^2, 2^5\})$	192
36	$\mathcal{O}(0; \{12^2, 9^2, 3^5, 2\})$	1536

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{12^2, 9^2, 4^2, 3^2, 2^2\})$	768
36	$\mathcal{O}(0; \{12^2, 9^2, 6, 2^6\})$	96
36	$\mathcal{O}(0; \{12^2, 9^2, 6, 3^3, 2^2\})$	768
36	$\mathcal{O}(0; \{12^2, 9^2, 6, 4^2, 2^3\})$	384
36	$\mathcal{O}(0; \{12^2, 9^2, 6, 4^4\})$	1536
36	$\mathcal{O}(0; \{12^2, 9^2, 6^2, 3, 2^3\})$	384
36	$\mathcal{O}(0; \{12^2, 9^2, 6^2, 4^2, 3\})$	1536
36	$\mathcal{O}(0; \{12^2, 9^2, 6^3, 3^2\})$	1536
36	$\mathcal{O}(0; \{12^2, 9^2, 6^4, 2\})$	768
36	$\mathcal{O}(0; \{12^2, 9^5, 3, 2\})$	12960
36	$\mathcal{O}(0; \{12^3, 9^2, 4, 3, 2^3\})$	768
36	$\mathcal{O}(0; \{12^3, 9^2, 4^3, 3\})$	3072
36	$\mathcal{O}(0; \{12^3, 9^2, 6, 4, 3^2\})$	3072
36	$\mathcal{O}(0; \{12^3, 9^2, 6^2, 4, 2\})$	1536
36	$\mathcal{O}(0; \{12^4, 9^2, 2^4\})$	768
36	$\mathcal{O}(0; \{12^4, 9^2, 3^3\})$	6144
36	$\mathcal{O}(0; \{12^4, 9^2, 4^2, 2\})$	3072
36	$\mathcal{O}(0; \{12^4, 9^2, 6, 3, 2\})$	3072
36	$\mathcal{O}(0; \{18, 9^3, 4^2, 3^2, 2^2\})$	1296
36	$\mathcal{O}(0; \{18, 9^3, 6, 4^2, 2^3\})$	648
36	$\mathcal{O}(0; \{18, 9^3, 6, 4^4\})$	2592
36	$\mathcal{O}(0; \{18, 9^3, 6^2, 4^2, 3\})$	2592
36	$\mathcal{O}(0; \{18, 12, 9^3, 4, 3, 2^3\})$	1296
36	$\mathcal{O}(0; \{18, 12, 9^3, 4^3, 3\})$	5184
36	$\mathcal{O}(0; \{18, 12, 9^3, 6, 4, 3^2\})$	5184
36	$\mathcal{O}(0; \{18, 12, 9^3, 6^2, 4, 2\})$	2592
36	$\mathcal{O}(0; \{18, 12^2, 9^3, 2^4\})$	1296
36	$\mathcal{O}(0; \{18, 12^2, 9^3, 3^3\})$	10368
36	$\mathcal{O}(0; \{18, 12^2, 9^3, 4^2, 2\})$	5184
36	$\mathcal{O}(0; \{18, 12^2, 9^3, 6, 3, 2\})$	5184
36	$\mathcal{O}(0; \{18^2, 9, 4^2, 3, 2^5\})$	72
36	$\mathcal{O}(0; \{18^2, 9, 4^2, 3^4, 2\})$	576
36	$\mathcal{O}(0; \{18^2, 9, 4^4, 3, 2^2\})$	288
36	$\mathcal{O}(0; \{18^2, 9, 6, 4^2, 3^2, 2^2\})$	288
36	$\mathcal{O}(0; \{18^2, 9, 6^2, 4^2, 2^3\})$	144
36	$\mathcal{O}(0; \{18^2, 9, 6^2, 4^4\})$	576
36	$\mathcal{O}(0; \{18^2, 9, 6^3, 4^2, 3\})$	576
36	$\mathcal{O}(0; \{18^2, 9^4, 4^2, 2\})$	10692
36	$\mathcal{O}(0; \{18^2, 12, 9, 4, 2^6\})$	72
36	$\mathcal{O}(0; \{18^2, 12, 9, 4, 3^3, 2^2\})$	576
36	$\mathcal{O}(0; \{18^2, 12, 9, 4^3, 2^3\})$	288
36	$\mathcal{O}(0; \{18^2, 12, 9, 4^5\})$	1152
36	$\mathcal{O}(0; \{18^2, 12, 9, 6, 4, 3, 2^3\})$	288

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{18^2, 12, 9, 6, 4^3, 3\})$	1152
36	$\mathcal{O}(0; \{18^2, 12, 9, 6^2, 4, 3^2\})$	1152
36	$\mathcal{O}(0; \{18^2, 12, 9, 6^3, 4, 2\})$	576
36	$\mathcal{O}(0; \{18^2, 12^2, 9, 3^2, 2^3\})$	576
36	$\mathcal{O}(0; \{18^2, 12^2, 9, 4^2, 3^2\})$	2304
36	$\mathcal{O}(0; \{18^2, 12^2, 9, 6, 2^4\})$	288
36	$\mathcal{O}(0; \{18^2, 12^2, 9, 6, 3^3\})$	2304
36	$\mathcal{O}(0; \{18^2, 12^2, 9, 6, 4^2, 2\})$	1152
36	$\mathcal{O}(0; \{18^2, 12^2, 9, 6^2, 3, 2\})$	1152
36	$\mathcal{O}(0; \{18^2, 12^3, 9, 4, 3, 2\})$	2304
36	$\mathcal{O}(0; \{18^2, 12^4, 9, 2^2\})$	2304
36	$\mathcal{O}(0; \{18^3, 9^2, 4^2, 3^2\})$	6480
36	$\mathcal{O}(0; \{18^3, 9^2, 6, 4^2, 2\})$	3240
36	$\mathcal{O}(0; \{18^3, 12, 9^2, 4, 3, 2\})$	6480
36	$\mathcal{O}(0; \{18^3, 12^2, 9^2, 2^2\})$	6480
36	$\mathcal{O}(0; \{18^4, 4^2, 3, 2^3\})$	648
36	$\mathcal{O}(0; \{18^4, 4^4, 3\})$	2592
36	$\mathcal{O}(0; \{18^4, 6, 4^2, 3^2\})$	2592
36	$\mathcal{O}(0; \{18^4, 6^2, 4^2, 2\})$	1296
36	$\mathcal{O}(0; \{18^4, 12, 4, 2^4\})$	648
36	$\mathcal{O}(0; \{18^4, 12, 4, 3^3\})$	5184
36	$\mathcal{O}(0; \{18^4, 12, 4^3, 2\})$	2592
36	$\mathcal{O}(0; \{18^4, 12, 6, 4, 3, 2\})$	2592
36	$\mathcal{O}(0; \{18^4, 12^2, 3^2, 2\})$	5184
36	$\mathcal{O}(0; \{18^4, 12^2, 6, 2^2\})$	2592
36	$\mathcal{O}(0; \{18^4, 12^4\})$	20736
36	$\mathcal{O}(0; \{18^5, 12^2, 9\})$	42768
36	$\mathcal{O}(0; \{36, 9, 4, 3^2, 2^7\})$	48
36	$\mathcal{O}(0; \{36, 9, 4, 3^5, 2^3\})$	384
36	$\mathcal{O}(0; \{36, 9, 4^3, 3^2, 2^4\})$	192
36	$\mathcal{O}(0; \{36, 9, 4^3, 3^5\})$	1536
36	$\mathcal{O}(0; \{36, 9, 4^5, 3^2, 2\})$	768
36	$\mathcal{O}(0; \{36, 9, 6, 4, 2^8\})$	24
36	$\mathcal{O}(0; \{36, 9, 6, 4, 3^3, 2^4\})$	192
36	$\mathcal{O}(0; \{36, 9, 6, 4, 3^6\})$	1536
36	$\mathcal{O}(0; \{36, 9, 6, 4^3, 2^5\})$	96
36	$\mathcal{O}(0; \{36, 9, 6, 4^3, 3^3, 2\})$	768
36	$\mathcal{O}(0; \{36, 9, 6, 4^5, 2^2\})$	384
36	$\mathcal{O}(0; \{36, 9, 6^2, 4, 3, 2^5\})$	96
36	$\mathcal{O}(0; \{36, 9, 6^2, 4, 3^4, 2\})$	768
36	$\mathcal{O}(0; \{36, 9, 6^2, 4^3, 3, 2^2\})$	384
36	$\mathcal{O}(0; \{36, 9, 6^3, 4, 3^2, 2^2\})$	384
36	$\mathcal{O}(0; \{36, 9, 6^4, 4, 2^3\})$	192

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36, 9, 6^4, 4^3\})$	768
36	$\mathcal{O}(0; \{36, 9, 6^5, 4, 3\})$	768
36	$\mathcal{O}(0; \{36, 9^4, 4, 3, 2^3\})$	3240
36	$\mathcal{O}(0; \{36, 9^4, 4^3, 3\})$	12960
36	$\mathcal{O}(0; \{36, 9^4, 6, 4, 3^2\})$	12960
36	$\mathcal{O}(0; \{36, 9^4, 6^2, 4, 2\})$	6480
36	$\mathcal{O}(0; \{36, 12, 9, 3, 2^8\})$	48
36	$\mathcal{O}(0; \{36, 12, 9, 3^4, 2^4\})$	384
36	$\mathcal{O}(0; \{36, 12, 9, 3^7\})$	3072
36	$\mathcal{O}(0; \{36, 12, 9, 4^2, 3, 2^5\})$	192
36	$\mathcal{O}(0; \{36, 12, 9, 4^2, 3^4, 2\})$	1536
36	$\mathcal{O}(0; \{36, 12, 9, 4^4, 3, 2^2\})$	768
36	$\mathcal{O}(0; \{36, 12, 9, 6, 3^2, 2^5\})$	192
36	$\mathcal{O}(0; \{36, 12, 9, 6, 3^5, 2\})$	1536
36	$\mathcal{O}(0; \{36, 12, 9, 6, 4^2, 3^2, 2^2\})$	768
36	$\mathcal{O}(0; \{36, 12, 9, 6^2, 2^6\})$	96
36	$\mathcal{O}(0; \{36, 12, 9, 6^2, 3^3, 2^2\})$	768
36	$\mathcal{O}(0; \{36, 12, 9, 6^2, 4^2, 2^3\})$	384
36	$\mathcal{O}(0; \{36, 12, 9, 6^2, 4^4\})$	1536
36	$\mathcal{O}(0; \{36, 12, 9, 6^3, 3, 2^3\})$	384
36	$\mathcal{O}(0; \{36, 12, 9, 6^3, 4^2, 3\})$	1536
36	$\mathcal{O}(0; \{36, 12, 9, 6^4, 3^2\})$	1536
36	$\mathcal{O}(0; \{36, 12, 9, 6^5, 2\})$	768
36	$\mathcal{O}(0; \{36, 12, 9^4, 2^4\})$	3240
36	$\mathcal{O}(0; \{36, 12, 9^4, 3^3\})$	25920
36	$\mathcal{O}(0; \{36, 12, 9^4, 4^2, 2\})$	12960
36	$\mathcal{O}(0; \{36, 12, 9^4, 6, 3, 2\})$	12960
36	$\mathcal{O}(0; \{36, 12^2, 9, 4, 2^6\})$	192
36	$\mathcal{O}(0; \{36, 12^2, 9, 4, 3^3, 2^2\})$	1536
36	$\mathcal{O}(0; \{36, 12^2, 9, 4^3, 2^3\})$	768
36	$\mathcal{O}(0; \{36, 12^2, 9, 4^5\})$	3072
36	$\mathcal{O}(0; \{36, 12^2, 9, 6, 4, 3, 2^3\})$	768
36	$\mathcal{O}(0; \{36, 12^2, 9, 6, 4^3, 3\})$	3072
36	$\mathcal{O}(0; \{36, 12^2, 9, 6^2, 4, 3^2\})$	3072
36	$\mathcal{O}(0; \{36, 12^2, 9, 6^3, 4, 2\})$	1536
36	$\mathcal{O}(0; \{36, 12^3, 9, 3^2, 2^3\})$	1536
36	$\mathcal{O}(0; \{36, 12^3, 9, 4^2, 3^2\})$	6144
36	$\mathcal{O}(0; \{36, 12^3, 9, 6, 2^4\})$	768
36	$\mathcal{O}(0; \{36, 12^3, 9, 6, 3^3\})$	6144
36	$\mathcal{O}(0; \{36, 12^3, 9, 6, 4^2, 2\})$	3072
36	$\mathcal{O}(0; \{36, 12^3, 9, 6^2, 3, 2\})$	3072
36	$\mathcal{O}(0; \{36, 12^4, 9, 4, 3, 2\})$	6144
36	$\mathcal{O}(0; \{36, 12^5, 9, 2^2\})$	6144

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36, 18, 9^2, 4, 2^6\})$	324
36	$\mathcal{O}(0; \{36, 18, 9^2, 4, 3^3, 2^2\})$	2592
36	$\mathcal{O}(0; \{36, 18, 9^2, 4^3, 2^3\})$	1296
36	$\mathcal{O}(0; \{36, 18, 9^2, 4^5\})$	5184
36	$\mathcal{O}(0; \{36, 18, 9^2, 6, 4, 3, 2^3\})$	1296
36	$\mathcal{O}(0; \{36, 18, 9^2, 6, 4^3, 3\})$	5184
36	$\mathcal{O}(0; \{36, 18, 9^2, 6^2, 4, 3^2\})$	5184
36	$\mathcal{O}(0; \{36, 18, 9^2, 6^3, 4, 2\})$	2592
36	$\mathcal{O}(0; \{36, 18, 12, 9^2, 3^2, 2^3\})$	2592
36	$\mathcal{O}(0; \{36, 18, 12, 9^2, 4^2, 3^2\})$	10368
36	$\mathcal{O}(0; \{36, 18, 12, 9^2, 6, 2^4\})$	1296
36	$\mathcal{O}(0; \{36, 18, 12, 9^2, 6, 3^3\})$	10368
36	$\mathcal{O}(0; \{36, 18, 12, 9^2, 6, 4^2, 2\})$	5184
36	$\mathcal{O}(0; \{36, 18, 12, 9^2, 6^2, 3, 2\})$	5184
36	$\mathcal{O}(0; \{36, 18, 12^2, 9^2, 4, 3, 2\})$	10368
36	$\mathcal{O}(0; \{36, 18, 12^3, 9^2, 2^2\})$	10368
36	$\mathcal{O}(0; \{36, 18^2, 4, 3^2, 2^5\})$	144
36	$\mathcal{O}(0; \{36, 18^2, 4, 3^5, 2\})$	1152
36	$\mathcal{O}(0; \{36, 18^2, 4^3, 3^2, 2^2\})$	576
36	$\mathcal{O}(0; \{36, 18^2, 6, 4, 2^6\})$	72
36	$\mathcal{O}(0; \{36, 18^2, 6, 4, 3^3, 2^2\})$	576
36	$\mathcal{O}(0; \{36, 18^2, 6, 4^3, 2^3\})$	288
36	$\mathcal{O}(0; \{36, 18^2, 6, 4^5\})$	1152
36	$\mathcal{O}(0; \{36, 18^2, 6^2, 4, 3, 2^3\})$	288
36	$\mathcal{O}(0; \{36, 18^2, 6^2, 4^3, 3\})$	1152
36	$\mathcal{O}(0; \{36, 18^2, 6^3, 4, 3^2\})$	1152
36	$\mathcal{O}(0; \{36, 18^2, 6^4, 4, 2\})$	576
36	$\mathcal{O}(0; \{36, 18^2, 9^3, 4, 3, 2\})$	21384
36	$\mathcal{O}(0; \{36, 18^2, 12, 3, 2^6\})$	144
36	$\mathcal{O}(0; \{36, 18^2, 12, 3^4, 2^2\})$	1152
36	$\mathcal{O}(0; \{36, 18^2, 12, 4^2, 3, 2^3\})$	576
36	$\mathcal{O}(0; \{36, 18^2, 12, 4^4, 3\})$	2304
36	$\mathcal{O}(0; \{36, 18^2, 12, 6, 3^2, 2^3\})$	576
36	$\mathcal{O}(0; \{36, 18^2, 12, 6, 4^2, 3^2\})$	2304
36	$\mathcal{O}(0; \{36, 18^2, 12, 6^2, 2^4\})$	288
36	$\mathcal{O}(0; \{36, 18^2, 12, 6^2, 3^3\})$	2304
36	$\mathcal{O}(0; \{36, 18^2, 12, 6^2, 4^2, 2\})$	1152
36	$\mathcal{O}(0; \{36, 18^2, 12, 6^3, 3, 2\})$	1152
36	$\mathcal{O}(0; \{36, 18^2, 12, 9^3, 2^2\})$	21384
36	$\mathcal{O}(0; \{36, 18^2, 12^2, 4, 2^4\})$	576
36	$\mathcal{O}(0; \{36, 18^2, 12^2, 4, 3^3\})$	4608
36	$\mathcal{O}(0; \{36, 18^2, 12^2, 4^3, 2\})$	2304
36	$\mathcal{O}(0; \{36, 18^2, 12^2, 6, 4, 3, 2\})$	2304

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36, 18^2, 12^3, 3^2, 2\})$	4608
36	$\mathcal{O}(0; \{36, 18^2, 12^3, 6, 2^2\})$	2304
36	$\mathcal{O}(0; \{36, 18^2, 12^5\})$	18432
36	$\mathcal{O}(0; \{36, 18^3, 9, 4, 2^4\})$	1620
36	$\mathcal{O}(0; \{36, 18^3, 9, 4, 3^3\})$	12960
36	$\mathcal{O}(0; \{36, 18^3, 9, 4^3, 2\})$	6480
36	$\mathcal{O}(0; \{36, 18^3, 9, 6, 4, 3, 2\})$	6480
36	$\mathcal{O}(0; \{36, 18^3, 12, 9, 3^2, 2\})$	12960
36	$\mathcal{O}(0; \{36, 18^3, 12, 9, 6, 2^2\})$	6480
36	$\mathcal{O}(0; \{36, 18^3, 12^3, 9\})$	51840
36	$\mathcal{O}(0; \{36, 18^4, 12, 9^2\})$	122472
36	$\mathcal{O}(0; \{36, 18^5, 4, 2^2\})$	10692
36	$\mathcal{O}(0; \{36, 18^5, 12, 6\})$	42768
36	$\mathcal{O}(0; \{36^2, 2^{11}\})$	12
36	$\mathcal{O}(0; \{36^2, 3^3, 2^7\})$	96
36	$\mathcal{O}(0; \{36^2, 3^6, 2^3\})$	768
36	$\mathcal{O}(0; \{36^2, 4^2, 2^8\})$	48
36	$\mathcal{O}(0; \{36^2, 4^2, 3^3, 2^4\})$	384
36	$\mathcal{O}(0; \{36^2, 4^2, 3^6\})$	3072
36	$\mathcal{O}(0; \{36^2, 4^4, 2^5\})$	192
36	$\mathcal{O}(0; \{36^2, 4^4, 3^3, 2\})$	1536
36	$\mathcal{O}(0; \{36^2, 4^6, 2^2\})$	768
36	$\mathcal{O}(0; \{36^2, 6, 3, 2^8\})$	48
36	$\mathcal{O}(0; \{36^2, 6, 3^4, 2^4\})$	384
36	$\mathcal{O}(0; \{36^2, 6, 3^7\})$	3072
36	$\mathcal{O}(0; \{36^2, 6, 4^2, 3, 2^5\})$	192
36	$\mathcal{O}(0; \{36^2, 6, 4^2, 3^4, 2\})$	1536
36	$\mathcal{O}(0; \{36^2, 6, 4^4, 3, 2^2\})$	768
36	$\mathcal{O}(0; \{36^2, 6^2, 3^2, 2^5\})$	192
36	$\mathcal{O}(0; \{36^2, 6^2, 3^5, 2\})$	1536
36	$\mathcal{O}(0; \{36^2, 6^2, 4^2, 3^2, 2^2\})$	768
36	$\mathcal{O}(0; \{36^2, 6^3, 2^6\})$	96
36	$\mathcal{O}(0; \{36^2, 6^3, 3^3, 2^2\})$	768
36	$\mathcal{O}(0; \{36^2, 6^3, 4^2, 2^3\})$	384
36	$\mathcal{O}(0; \{36^2, 6^3, 4^4\})$	1536
36	$\mathcal{O}(0; \{36^2, 6^4, 3, 2^3\})$	384
36	$\mathcal{O}(0; \{36^2, 6^4, 4^2, 3\})$	1536
36	$\mathcal{O}(0; \{36^2, 6^5, 3^2\})$	1536
36	$\mathcal{O}(0; \{36^2, 6^6, 2\})$	768
36	$\mathcal{O}(0; \{36^2, 9^3, 3^2, 2^3\})$	6480
36	$\mathcal{O}(0; \{36^2, 9^3, 4^2, 3^2\})$	25920
36	$\mathcal{O}(0; \{36^2, 9^3, 6, 2^4\})$	3240
36	$\mathcal{O}(0; \{36^2, 9^3, 6, 3^3\})$	25920

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36^2, 9^3, 6, 4^2, 2\})$	12960
36	$\mathcal{O}(0; \{36^2, 9^3, 6^2, 3, 2\})$	12960
36	$\mathcal{O}(0; \{36^2, 12, 4, 3^2, 2^5\})$	384
36	$\mathcal{O}(0; \{36^2, 12, 4, 3^5, 2\})$	3072
36	$\mathcal{O}(0; \{36^2, 12, 4^3, 3^2, 2^2\})$	1536
36	$\mathcal{O}(0; \{36^2, 12, 6, 4, 2^6\})$	192
36	$\mathcal{O}(0; \{36^2, 12, 6, 4, 3^3, 2^2\})$	1536
36	$\mathcal{O}(0; \{36^2, 12, 6, 4^3, 2^3\})$	768
36	$\mathcal{O}(0; \{36^2, 12, 6, 4^5\})$	3072
36	$\mathcal{O}(0; \{36^2, 12, 6^2, 4, 3, 2^3\})$	768
36	$\mathcal{O}(0; \{36^2, 12, 6^2, 4^3, 3\})$	3072
36	$\mathcal{O}(0; \{36^2, 12, 6^3, 4, 3^2\})$	3072
36	$\mathcal{O}(0; \{36^2, 12, 6^4, 4, 2\})$	1536
36	$\mathcal{O}(0; \{36^2, 12, 9^3, 4, 3, 2\})$	25920
36	$\mathcal{O}(0; \{36^2, 12^2, 3, 2^6\})$	384
36	$\mathcal{O}(0; \{36^2, 12^2, 3^4, 2^2\})$	3072
36	$\mathcal{O}(0; \{36^2, 12^2, 4^2, 3, 2^3\})$	1536
36	$\mathcal{O}(0; \{36^2, 12^2, 4^4, 3\})$	6144
36	$\mathcal{O}(0; \{36^2, 12^2, 6, 3^2, 2^3\})$	1536
36	$\mathcal{O}(0; \{36^2, 12^2, 6, 4^2, 3^2\})$	6144
36	$\mathcal{O}(0; \{36^2, 12^2, 6^2, 2^4\})$	768
36	$\mathcal{O}(0; \{36^2, 12^2, 6^2, 3^3\})$	6144
36	$\mathcal{O}(0; \{36^2, 12^2, 6^2, 4^2, 2\})$	3072
36	$\mathcal{O}(0; \{36^2, 12^2, 6^3, 3, 2\})$	3072
36	$\mathcal{O}(0; \{36^2, 12^2, 9^3, 2^2\})$	25920
36	$\mathcal{O}(0; \{36^2, 12^3, 4, 2^4\})$	1536
36	$\mathcal{O}(0; \{36^2, 12^3, 4, 3^3\})$	12288
36	$\mathcal{O}(0; \{36^2, 12^3, 4^3, 2\})$	6144
36	$\mathcal{O}(0; \{36^2, 12^3, 6, 4, 3, 2\})$	6144
36	$\mathcal{O}(0; \{36^2, 12^4, 3^2, 2\})$	12288
36	$\mathcal{O}(0; \{36^2, 12^4, 6, 2^2\})$	6144
36	$\mathcal{O}(0; \{36^2, 12^6\})$	49152
36	$\mathcal{O}(0; \{36^2, 18, 9, 3, 2^6\})$	648
36	$\mathcal{O}(0; \{36^2, 18, 9, 3^4, 2^2\})$	5184
36	$\mathcal{O}(0; \{36^2, 18, 9, 4^2, 3, 2^3\})$	2592
36	$\mathcal{O}(0; \{36^2, 18, 9, 4^4, 3\})$	10368
36	$\mathcal{O}(0; \{36^2, 18, 9, 6, 3^2, 2^3\})$	2592
36	$\mathcal{O}(0; \{36^2, 18, 9, 6, 4^2, 3^2\})$	10368
36	$\mathcal{O}(0; \{36^2, 18, 9, 6^2, 2^4\})$	1296
36	$\mathcal{O}(0; \{36^2, 18, 9, 6^2, 3^3\})$	10368
36	$\mathcal{O}(0; \{36^2, 18, 9, 6^2, 4^2, 2\})$	5184
36	$\mathcal{O}(0; \{36^2, 18, 9, 6^3, 3, 2\})$	5184
36	$\mathcal{O}(0; \{36^2, 18, 9^4, 2^2\})$	61236

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36^2, 18, 12, 9, 4, 2^4\})$	2592
36	$\mathcal{O}(0; \{36^2, 18, 12, 9, 4, 3^3\})$	20736
36	$\mathcal{O}(0; \{36^2, 18, 12, 9, 4^3, 2\})$	10368
36	$\mathcal{O}(0; \{36^2, 18, 12, 9, 6, 4, 3, 2\})$	10368
36	$\mathcal{O}(0; \{36^2, 18, 12^2, 9, 3^2, 2\})$	20736
36	$\mathcal{O}(0; \{36^2, 18, 12^2, 9, 6, 2^2\})$	10368
36	$\mathcal{O}(0; \{36^2, 18, 12^4, 9\})$	82944
36	$\mathcal{O}(0; \{36^2, 18^2, 9^2, 3^2, 2\})$	42768
36	$\mathcal{O}(0; \{36^2, 18^2, 9^2, 6, 2^2\})$	21384
36	$\mathcal{O}(0; \{36^2, 18^2, 12^2, 9^2\})$	171072
36	$\mathcal{O}(0; \{36^2, 18^3, 3, 2^4\})$	3240
36	$\mathcal{O}(0; \{36^2, 18^3, 3^4\})$	25920
36	$\mathcal{O}(0; \{36^2, 18^3, 4^2, 3, 2\})$	12960
36	$\mathcal{O}(0; \{36^2, 18^3, 6, 3^2, 2\})$	12960
36	$\mathcal{O}(0; \{36^2, 18^3, 6^2, 2^2\})$	6480
36	$\mathcal{O}(0; \{36^2, 18^3, 9^3\})$	376164
36	$\mathcal{O}(0; \{36^2, 18^3, 12, 4, 2^2\})$	12960
36	$\mathcal{O}(0; \{36^2, 18^3, 12^2, 6\})$	51840
36	$\mathcal{O}(0; \{36^2, 18^4, 9, 6\})$	122472
36	$\mathcal{O}(0; \{36^3, 9^2, 4, 2^4\})$	6480
36	$\mathcal{O}(0; \{36^3, 9^2, 4, 3^3\})$	51840
36	$\mathcal{O}(0; \{36^3, 9^2, 4^3, 2\})$	25920
36	$\mathcal{O}(0; \{36^3, 9^2, 6, 4, 3, 2\})$	25920
36	$\mathcal{O}(0; \{36^3, 12, 9^2, 3^2, 2\})$	51840
36	$\mathcal{O}(0; \{36^3, 12, 9^2, 6, 2^2\})$	25920
36	$\mathcal{O}(0; \{36^3, 12^3, 9^2\})$	207360
36	$\mathcal{O}(0; \{36^3, 18, 4, 3^2, 2^3\})$	5184
36	$\mathcal{O}(0; \{36^3, 18, 4^3, 3^2\})$	20736
36	$\mathcal{O}(0; \{36^3, 18, 6, 4, 2^4\})$	2592
36	$\mathcal{O}(0; \{36^3, 18, 6, 4, 3^3\})$	20736
36	$\mathcal{O}(0; \{36^3, 18, 6, 4^3, 2\})$	10368
36	$\mathcal{O}(0; \{36^3, 18, 6^2, 4, 3, 2\})$	10368
36	$\mathcal{O}(0; \{36^3, 18, 12, 3, 2^4\})$	5184
36	$\mathcal{O}(0; \{36^3, 18, 12, 3^4\})$	41472
36	$\mathcal{O}(0; \{36^3, 18, 12, 4^2, 3, 2\})$	20736
36	$\mathcal{O}(0; \{36^3, 18, 12, 6, 3^2, 2\})$	20736
36	$\mathcal{O}(0; \{36^3, 18, 12, 6^2, 2^2\})$	10368
36	$\mathcal{O}(0; \{36^3, 18, 12, 9^3\})$	489888
36	$\mathcal{O}(0; \{36^3, 18, 12^2, 4, 2^2\})$	20736
36	$\mathcal{O}(0; \{36^3, 18, 12^3, 6\})$	82944
36	$\mathcal{O}(0; \{36^3, 18^2, 9, 4, 2^2\})$	42768
36	$\mathcal{O}(0; \{36^3, 18^2, 12, 9, 6\})$	171072
36	$\mathcal{O}(0; \{36^3, 18^4, 4\})$	244944

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36^4, 9, 3, 2^4\})$	12960
36	$\mathcal{O}(0; \{36^4, 9, 3^4\})$	103680
36	$\mathcal{O}(0; \{36^4, 9, 4^2, 3, 2\})$	51840
36	$\mathcal{O}(0; \{36^4, 9, 6, 3^2, 2\})$	51840
36	$\mathcal{O}(0; \{36^4, 9, 6^2, 2^2\})$	25920
36	$\mathcal{O}(0; \{36^4, 9^4\})$	1504656
36	$\mathcal{O}(0; \{36^4, 12, 9, 4, 2^2\})$	51840
36	$\mathcal{O}(0; \{36^4, 12^2, 9, 6\})$	207360
36	$\mathcal{O}(0; \{36^4, 18, 9^2, 6\})$	489888
36	$\mathcal{O}(0; \{36^4, 18^2, 3, 2^2\})$	85536
36	$\mathcal{O}(0; \{36^4, 18^2, 6^2\})$	171072
36	$\mathcal{O}(0; \{36^4, 18^2, 12, 4\})$	342144
36	$\mathcal{O}(0; \{36^5, 4, 3^2, 2\})$	103680
36	$\mathcal{O}(0; \{36^5, 6, 4, 2^2\})$	51840
36	$\mathcal{O}(0; \{36^5, 12, 3, 2^2\})$	103680
36	$\mathcal{O}(0; \{36^5, 12, 6^2\})$	207360
36	$\mathcal{O}(0; \{36^5, 12^2, 4\})$	414720
36	$\mathcal{O}(0; \{36^5, 18, 9, 4\})$	979776
36	$\mathcal{O}(0; \{36^6, 18, 3\})$	1959552
38	$\mathcal{O}(0; \{38, 19^6, 2\})$	32222106
39	$\mathcal{O}(1; \{13^4, 3^2\})$	4855032
39	$\mathcal{O}(0; \{13^4, 3^5\})$	15960
39	$\mathcal{O}(0; \{39^3, 13^3, 3^2\})$	2296920
40	$\mathcal{O}(2; \{20^2, 2^2\})$	19200000
40	$\mathcal{O}(2; \{40^2, 20\})$	245760000
40	$\mathcal{O}(1; \{5^3, 4^2, 2^2\})$	28800
40	$\mathcal{O}(1; \{8^2, 5^3, 4\})$	153600
40	$\mathcal{O}(1; \{10^2, 5^2, 4^2\})$	124800
40	$\mathcal{O}(1; \{20, 5^4, 4\})$	489600
40	$\mathcal{O}(1; \{20, 10, 5, 4, 2^3\})$	28800
40	$\mathcal{O}(1; \{20, 10, 5, 4^3\})$	115200
40	$\mathcal{O}(1; \{20, 10, 8^2, 5, 2\})$	153600
40	$\mathcal{O}(1; \{20, 10^3, 4, 2\})$	124800
40	$\mathcal{O}(1; \{20^2, 2^6\})$	9600
40	$\mathcal{O}(1; \{20^2, 4^2, 2^3\})$	38400
40	$\mathcal{O}(1; \{20^2, 4^4\})$	153600
40	$\mathcal{O}(1; \{20^2, 8^2, 4, 2\})$	204800
40	$\mathcal{O}(1; \{20^2, 10, 5^2, 2\})$	489600
40	$\mathcal{O}(1; \{20^3, 5, 4, 2\})$	499200
40	$\mathcal{O}(1; \{40, 8, 5, 4, 2^3\})$	51200
40	$\mathcal{O}(1; \{40, 8, 5, 4^3\})$	204800
40	$\mathcal{O}(1; \{40, 8^3, 5, 2\})$	409600
40	$\mathcal{O}(1; \{40, 10^2, 8, 4, 2\})$	153600

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
40	$\mathcal{O}(1; \{40, 20, 8, 5^2, 2\})$	665600
40	$\mathcal{O}(1; \{40^2, 10, 5, 4, 2\})$	665600
40	$\mathcal{O}(1; \{40^2, 20, 2^4\})$	153600
40	$\mathcal{O}(1; \{40^2, 20, 4^2, 2\})$	614400
40	$\mathcal{O}(1; \{40^4, 2^2\})$	5324800
40	$\mathcal{O}(0; \{8^2, 5^3, 4, 2^4\})$	96
40	$\mathcal{O}(0; \{8^2, 5^3, 4^3, 2\})$	384
40	$\mathcal{O}(0; \{8^4, 5^3, 2^2\})$	768
40	$\mathcal{O}(0; \{10^2, 8^2, 5^2, 4, 2^2\})$	416
40	$\mathcal{O}(0; \{10^2, 8^4, 5^2\})$	3328
40	$\mathcal{O}(0; \{10^4, 8^2, 5, 4\})$	1632
40	$\mathcal{O}(0; \{20, 8^2, 5^4, 2^2\})$	1632
40	$\mathcal{O}(0; \{20, 10, 8^2, 5, 2^5\})$	96
40	$\mathcal{O}(0; \{20, 10, 8^2, 5, 4^2, 2^2\})$	384
40	$\mathcal{O}(0; \{20, 10, 8^4, 5, 4\})$	3072
40	$\mathcal{O}(0; \{20, 10^2, 8^2, 5^3\})$	6560
40	$\mathcal{O}(0; \{20, 10^3, 8^2, 2^3\})$	416
40	$\mathcal{O}(0; \{20, 10^3, 8^2, 4^2\})$	1664
40	$\mathcal{O}(0; \{20^2, 8^2, 4, 2^5\})$	128
40	$\mathcal{O}(0; \{20^2, 8^2, 4^3, 2^2\})$	512
40	$\mathcal{O}(0; \{20^2, 8^4, 2^3\})$	1024
40	$\mathcal{O}(0; \{20^2, 8^4, 4^2\})$	4096
40	$\mathcal{O}(0; \{20^2, 10, 8^2, 5^2, 4\})$	6528
40	$\mathcal{O}(0; \{20^3, 8^2, 5, 2^3\})$	1664
40	$\mathcal{O}(0; \{20^3, 8^2, 5, 4^2\})$	6656
40	$\mathcal{O}(0; \{20^3, 10^2, 8^2, 2\})$	6528
40	$\mathcal{O}(0; \{40, 8, 5, 4, 2^7\})$	32
40	$\mathcal{O}(0; \{40, 8, 5, 4^3, 2^4\})$	128
40	$\mathcal{O}(0; \{40, 8, 5, 4^5, 2\})$	512
40	$\mathcal{O}(0; \{40, 8^3, 5, 2^5\})$	256
40	$\mathcal{O}(0; \{40, 8^3, 5, 4^2, 2^2\})$	1024
40	$\mathcal{O}(0; \{40, 8^5, 5, 4\})$	8192
40	$\mathcal{O}(0; \{40, 10, 8, 5^3, 4, 2^2\})$	1632
40	$\mathcal{O}(0; \{40, 10, 8^3, 5^3\})$	13056
40	$\mathcal{O}(0; \{40, 10^2, 8, 4, 2^5\})$	96
40	$\mathcal{O}(0; \{40, 10^2, 8, 4^3, 2^2\})$	384
40	$\mathcal{O}(0; \{40, 10^2, 8^3, 2^3\})$	768
40	$\mathcal{O}(0; \{40, 10^2, 8^3, 4^2\})$	3072
40	$\mathcal{O}(0; \{40, 10^3, 8, 5^2, 4\})$	6560
40	$\mathcal{O}(0; \{40, 20, 8, 5^2, 2^3\})$	416
40	$\mathcal{O}(0; \{40, 20, 8, 5^2, 4^2, 2^2\})$	1664
40	$\mathcal{O}(0; \{40, 20, 8^3, 5^2, 4\})$	13312
40	$\mathcal{O}(0; \{40, 20, 10, 8, 5^4\})$	26208

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
40	$\mathcal{O}(0; \{40, 20, 10^2, 8, 5, 2^3\})$	1632
40	$\mathcal{O}(0; \{40, 20, 10^2, 8, 5, 4^2\})$	6528
40	$\mathcal{O}(0; \{40, 20, 10^4, 8, 2\})$	6560
40	$\mathcal{O}(0; \{40, 20^2, 8, 5^3, 4\})$	26240
40	$\mathcal{O}(0; \{40, 20^2, 10, 8, 4, 2^3\})$	1664
40	$\mathcal{O}(0; \{40, 20^2, 10, 8, 4^3\})$	6656
40	$\mathcal{O}(0; \{40, 20^2, 10, 8^3, 2\})$	13312
40	$\mathcal{O}(0; \{40, 20^3, 10, 8, 5, 2\})$	26240
40	$\mathcal{O}(0; \{40, 20^4, 8, 4, 2\})$	26112
40	$\mathcal{O}(0; \{40^2, 5^4, 4, 2^2\})$	6560
40	$\mathcal{O}(0; \{40^2, 8^2, 5^4\})$	52480
40	$\mathcal{O}(0; \{40^2, 10, 5, 4, 2^5\})$	416
40	$\mathcal{O}(0; \{40^2, 10, 5, 4^3, 2^2\})$	1664
40	$\mathcal{O}(0; \{40^2, 10, 8^2, 5, 2^3\})$	3328
40	$\mathcal{O}(0; \{40^2, 10, 8^2, 5, 4^2\})$	13312
40	$\mathcal{O}(0; \{40^2, 10^2, 5^3, 4\})$	26208
40	$\mathcal{O}(0; \{40^2, 10^3, 4, 2^3\})$	1632
40	$\mathcal{O}(0; \{40^2, 10^3, 4^3\})$	6528
40	$\mathcal{O}(0; \{40^2, 10^3, 8^2, 2\})$	13056
40	$\mathcal{O}(0; \{40^2, 20, 2^8\})$	96
40	$\mathcal{O}(0; \{40^2, 20, 4^2, 2^5\})$	384
40	$\mathcal{O}(0; \{40^2, 20, 4^4, 2^2\})$	1536
40	$\mathcal{O}(0; \{40^2, 20, 5^5\})$	104864
40	$\mathcal{O}(0; \{40^2, 20, 8^2, 4, 2^3\})$	3072
40	$\mathcal{O}(0; \{40^2, 20, 8^2, 4^3\})$	12288
40	$\mathcal{O}(0; \{40^2, 20, 8^4, 2\})$	24576
40	$\mathcal{O}(0; \{40^2, 20, 10, 5^2, 2^3\})$	6560
40	$\mathcal{O}(0; \{40^2, 20, 10, 5^2, 4^2\})$	26240
40	$\mathcal{O}(0; \{40^2, 20, 10^3, 5, 2\})$	26208
40	$\mathcal{O}(0; \{40^2, 20^2, 5, 4, 2^3\})$	6528
40	$\mathcal{O}(0; \{40^2, 20^2, 5, 4^3\})$	26112
40	$\mathcal{O}(0; \{40^2, 20^2, 8^2, 5, 2\})$	52224
40	$\mathcal{O}(0; \{40^2, 20^2, 10^2, 4, 2\})$	26240
40	$\mathcal{O}(0; \{40^2, 20^3, 5^2, 2\})$	104832
40	$\mathcal{O}(0; \{40^3, 8, 5^2, 2^3\})$	13056
40	$\mathcal{O}(0; \{40^3, 8, 5^2, 4^2\})$	52224
40	$\mathcal{O}(0; \{40^3, 10^2, 8, 5, 2\})$	52480
40	$\mathcal{O}(0; \{40^3, 20, 10, 8, 4, 2\})$	52224
40	$\mathcal{O}(0; \{40^4, 2^6\})$	3328
40	$\mathcal{O}(0; \{40^4, 4^2, 2^3\})$	13312
40	$\mathcal{O}(0; \{40^4, 4^4\})$	53248
40	$\mathcal{O}(0; \{40^4, 8^2, 4, 2\})$	106496
40	$\mathcal{O}(0; \{40^4, 10, 5^2, 2\})$	209664

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
40	$\mathcal{O}(0; \{40^4, 20, 5, 4, 2\})$	209920
42	$\mathcal{O}(2; \{3^4\})$	17496000
42	$\mathcal{O}(2; \{6, 3^2, 2\})$	6220800
42	$\mathcal{O}(2; \{6^2, 2^2\})$	6220800
42	$\mathcal{O}(2; \{42, 7, 6\})$	37340352
42	$\mathcal{O}(1; \{3^4, 2^4\})$	10368
42	$\mathcal{O}(1; \{3^7\})$	54432
42	$\mathcal{O}(1; \{6, 3^2, 2^5\})$	3456
42	$\mathcal{O}(1; \{6, 3^5, 2\})$	38016
42	$\mathcal{O}(1; \{6^2, 2^6\})$	3456
42	$\mathcal{O}(1; \{6^2, 3^3, 2^2\})$	17280
42	$\mathcal{O}(1; \{6^3, 3, 2^3\})$	10368
42	$\mathcal{O}(1; \{6^4, 3^2\})$	38016
42	$\mathcal{O}(1; \{6^5, 2\})$	17280
42	$\mathcal{O}(1; \{21, 7^2, 3^3\})$	238140
42	$\mathcal{O}(1; \{21, 7^2, 6, 3, 2\})$	105840
42	$\mathcal{O}(1; \{21^2, 14, 3^2, 2\})$	317520
42	$\mathcal{O}(1; \{21^2, 14, 6, 2^2\})$	105840
42	$\mathcal{O}(1; \{21^4, 7\})$	8811180
42	$\mathcal{O}(1; \{42, 7, 3^2, 2^3\})$	21168
42	$\mathcal{O}(1; \{42, 7, 6, 2^4\})$	21168
42	$\mathcal{O}(1; \{42, 7, 6, 3^3\})$	105840
42	$\mathcal{O}(1; \{42, 7, 6^2, 3, 2\})$	63504
42	$\mathcal{O}(1; \{42, 14^2, 3^2, 2\})$	105840
42	$\mathcal{O}(1; \{42, 14^2, 6, 2^2\})$	105840
42	$\mathcal{O}(1; \{42, 21^2, 14, 7\})$	3916080
42	$\mathcal{O}(1; \{42, 21^3, 6\})$	3281040
42	$\mathcal{O}(1; \{42^2, 7^2, 2^2\})$	656208
42	$\mathcal{O}(1; \{42^2, 14^2, 7\})$	3916080
42	$\mathcal{O}(1; \{42^2, 21, 14, 6\})$	1968624
42	$\mathcal{O}(0; \{14, 7^3, 3^4, 2\})$	1116
42	$\mathcal{O}(0; \{14, 7^3, 6, 3^2, 2^2\})$	372
42	$\mathcal{O}(0; \{14, 7^3, 6^2, 2^3\})$	372
42	$\mathcal{O}(0; \{14, 7^3, 6^3, 3\})$	1116
42	$\mathcal{O}(0; \{14^3, 7^2, 6, 3^2\})$	2220
42	$\mathcal{O}(0; \{14^3, 7^2, 6^2, 2\})$	2220
42	$\mathcal{O}(0; \{21, 7^2, 3^3, 2^4\})$	180
42	$\mathcal{O}(0; \{21, 7^2, 6, 3, 2^5\})$	60
42	$\mathcal{O}(0; \{21, 7^2, 6, 3^4, 2\})$	660
42	$\mathcal{O}(0; \{21, 7^2, 6^2, 3^2, 2^2\})$	300
42	$\mathcal{O}(0; \{21, 7^2, 6^3, 2^3\})$	180
42	$\mathcal{O}(0; \{21, 7^2, 6^4, 3\})$	660
42	$\mathcal{O}(0; \{21, 14^2, 7, 3^3, 2^2\})$	1116

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(0; \{21, 14^2, 7, 6, 3, 2^3\})$	372
42	$\mathcal{O}(0; \{21, 14^2, 7, 6^2, 3^2\})$	1860
42	$\mathcal{O}(0; \{21, 14^2, 7, 6^3, 2\})$	1116
42	$\mathcal{O}(0; \{21, 14^4, 3^3\})$	6660
42	$\mathcal{O}(0; \{21, 14^4, 6, 3, 2\})$	2220
42	$\mathcal{O}(0; \{21^2, 7^4, 6, 2\})$	13332
42	$\mathcal{O}(0; \{21^2, 14, 3^2, 2^5\})$	180
42	$\mathcal{O}(0; \{21^2, 14, 3^5, 2\})$	1260
42	$\mathcal{O}(0; \{21^2, 14, 6, 2^6\})$	60
42	$\mathcal{O}(0; \{21^2, 14, 6, 3^3, 2^2\})$	660
42	$\mathcal{O}(0; \{21^2, 14, 6^2, 3, 2^3\})$	300
42	$\mathcal{O}(0; \{21^2, 14, 6^3, 3^2\})$	1260
42	$\mathcal{O}(0; \{21^2, 14, 6^4, 2\})$	660
42	$\mathcal{O}(0; \{21^3, 14, 7^2, 3, 2\})$	39996
42	$\mathcal{O}(0; \{21^4, 7, 2^4\})$	6660
42	$\mathcal{O}(0; \{21^4, 7, 6, 3, 2\})$	24420
42	$\mathcal{O}(0; \{21^4, 14^2, 2^2\})$	39996
42	$\mathcal{O}(0; \{42, 7, 3^2, 2^7\})$	12
42	$\mathcal{O}(0; \{42, 7, 3^5, 2^3\})$	132
42	$\mathcal{O}(0; \{42, 7, 6, 2^8\})$	12
42	$\mathcal{O}(0; \{42, 7, 6, 3^3, 2^4\})$	60
42	$\mathcal{O}(0; \{42, 7, 6, 3^6\})$	516
42	$\mathcal{O}(0; \{42, 7, 6^2, 3, 2^5\})$	36
42	$\mathcal{O}(0; \{42, 7, 6^2, 3^4, 2\})$	252
42	$\mathcal{O}(0; \{42, 7, 6^3, 3^2, 2^2\})$	132
42	$\mathcal{O}(0; \{42, 7, 6^4, 2^3\})$	60
42	$\mathcal{O}(0; \{42, 7, 6^5, 3\})$	252
42	$\mathcal{O}(0; \{42, 14, 7^4, 3^2\})$	13332
42	$\mathcal{O}(0; \{42, 14, 7^4, 6, 2\})$	13332
42	$\mathcal{O}(0; \{42, 14^2, 3^2, 2^5\})$	60
42	$\mathcal{O}(0; \{42, 14^2, 3^5, 2\})$	660
42	$\mathcal{O}(0; \{42, 14^2, 6, 2^6\})$	60
42	$\mathcal{O}(0; \{42, 14^2, 6, 3^3, 2^2\})$	300
42	$\mathcal{O}(0; \{42, 14^2, 6^2, 3, 2^3\})$	180
42	$\mathcal{O}(0; \{42, 14^2, 6^3, 3^2\})$	660
42	$\mathcal{O}(0; \{42, 14^2, 6^4, 2\})$	300
42	$\mathcal{O}(0; \{42, 21, 7^3, 3, 2^3\})$	2220
42	$\mathcal{O}(0; \{42, 21, 7^3, 6, 3^2\})$	11100
42	$\mathcal{O}(0; \{42, 21, 7^3, 6^2, 2\})$	6660
42	$\mathcal{O}(0; \{42, 21, 14^2, 7^2, 3, 2\})$	13332
42	$\mathcal{O}(0; \{42, 21^2, 14, 7, 2^4\})$	2220
42	$\mathcal{O}(0; \{42, 21^2, 14, 7, 3^3\})$	24420
42	$\mathcal{O}(0; \{42, 21^2, 14, 7, 6, 3, 2\})$	11100

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(0; \{42, 21^2, 14^3, 2^2\})$	13332
42	$\mathcal{O}(0; \{42, 21^3, 3^2, 2^3\})$	4092
42	$\mathcal{O}(0; \{42, 21^3, 6, 2^4\})$	1860
42	$\mathcal{O}(0; \{42, 21^3, 6, 3^3\})$	15996
42	$\mathcal{O}(0; \{42, 21^3, 6^2, 3, 2\})$	7812
42	$\mathcal{O}(0; \{42, 21^5, 14\})$	879780
42	$\mathcal{O}(0; \{42^2, 7^2, 2^6\})$	372
42	$\mathcal{O}(0; \{42^2, 7^2, 3^3, 2^2\})$	1860
42	$\mathcal{O}(0; \{42^2, 7^2, 6, 3, 2^3\})$	1116
42	$\mathcal{O}(0; \{42^2, 7^2, 6^2, 3^2\})$	4092
42	$\mathcal{O}(0; \{42^2, 7^2, 6^3, 2\})$	1860
42	$\mathcal{O}(0; \{42^2, 14^2, 7, 2^4\})$	2220
42	$\mathcal{O}(0; \{42^2, 14^2, 7, 3^3\})$	11100
42	$\mathcal{O}(0; \{42^2, 14^2, 7, 6, 3, 2\})$	6660
42	$\mathcal{O}(0; \{42^2, 14^4, 2^2\})$	13332
42	$\mathcal{O}(0; \{42^2, 21, 14, 3^2, 2^3\})$	1860
42	$\mathcal{O}(0; \{42^2, 21, 14, 6, 2^4\})$	1116
42	$\mathcal{O}(0; \{42^2, 21, 14, 6, 3^3\})$	7812
42	$\mathcal{O}(0; \{42^2, 21, 14, 6^2, 3, 2\})$	4092
42	$\mathcal{O}(0; \{42^2, 21^3, 7, 2^2\})$	66660
42	$\mathcal{O}(0; \{42^2, 21^3, 14^2\})$	399900
42	$\mathcal{O}(0; \{42^3, 7^3, 3, 2\})$	39996
42	$\mathcal{O}(0; \{42^3, 21, 14, 7, 2^2\})$	39996
42	$\mathcal{O}(0; \{42^3, 21, 14^3\})$	239940
42	$\mathcal{O}(0; \{42^3, 21^2, 3^2, 2\})$	46620
42	$\mathcal{O}(0; \{42^3, 21^2, 6, 2^2\})$	24420
42	$\mathcal{O}(0; \{42^4, 14, 3^2, 2\})$	24420
42	$\mathcal{O}(0; \{42^4, 14, 6, 2^2\})$	11100
42	$\mathcal{O}(0; \{42^4, 21^2, 7\})$	879780
42	$\mathcal{O}(0; \{42^5, 14, 7\})$	399900
42	$\mathcal{O}(0; \{42^5, 21, 6\})$	279972
44	$\mathcal{O}(2; \{44^2, 2\})$	74961920
44	$\mathcal{O}(1; \{44, 11^3, 4\})$	3523520
44	$\mathcal{O}(1; \{44^2, 2^5\})$	38720
44	$\mathcal{O}(1; \{44^2, 4^2, 2^2\})$	154880
44	$\mathcal{O}(0; \{44, 11^3, 4, 2^4\})$	1820
44	$\mathcal{O}(0; \{44, 11^3, 4^3, 2\})$	7280
44	$\mathcal{O}(0; \{44, 22^2, 11^2, 4, 2^2\})$	18180
44	$\mathcal{O}(0; \{44, 22^4, 11, 4\})$	181820
44	$\mathcal{O}(0; \{44^2, 2^9\})$	20
44	$\mathcal{O}(0; \{44^2, 4^2, 2^6\})$	80
44	$\mathcal{O}(0; \{44^2, 4^4, 2^3\})$	320
44	$\mathcal{O}(0; \{44^2, 4^6\})$	1280

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
44	$\mathcal{O}(0; \{44^3, 22, 11^2, 4\})$	727280
45	$\mathcal{O}(1; \{45, 9^2, 5^2\})$	437400
45	$\mathcal{O}(1; \{45, 15, 9^2, 3\})$	583200
45	$\mathcal{O}(1; \{45^2, 5^3\})$	2478600
45	$\mathcal{O}(1; \{45^2, 15, 5, 3\})$	2527200
45	$\mathcal{O}(0; \{15^3, 9^4\})$	15552
45	$\mathcal{O}(0; \{45, 9^2, 5^2, 3^3\})$	1728
45	$\mathcal{O}(0; \{45, 15, 9^2, 3^4\})$	2304
45	$\mathcal{O}(0; \{45, 15, 9^5\})$	42768
45	$\mathcal{O}(0; \{45, 15^3, 9^2, 5\})$	29376
45	$\mathcal{O}(0; \{45^2, 5^3, 3^3\})$	9792
45	$\mathcal{O}(0; \{45^2, 15, 5, 3^4\})$	9984
45	$\mathcal{O}(0; \{45^2, 15, 9^3, 5\})$	84240
45	$\mathcal{O}(0; \{45^2, 15^3, 5^2\})$	157248
45	$\mathcal{O}(0; \{45^2, 15^4, 3\})$	157440
45	$\mathcal{O}(0; \{45^3, 15, 9, 5^2\})$	265680
45	$\mathcal{O}(0; \{45^3, 15^2, 9, 3\})$	264384
45	$\mathcal{O}(0; \{45^4, 9^2, 3\})$	555984
45	$\mathcal{O}(0; \{45^5, 5, 3\})$	1328400
46	$\mathcal{O}(0; \{46, 23^5, 2\})$	4929562
48	$\mathcal{O}(1; \{8^2, 3^2, 2^2\})$	13824
48	$\mathcal{O}(1; \{8^2, 6^2, 3\})$	13824
48	$\mathcal{O}(1; \{12, 8^2, 4, 3\})$	55296
48	$\mathcal{O}(1; \{12^2, 8^2, 2\})$	55296
48	$\mathcal{O}(1; \{16^2, 8, 3^2\})$	147456
48	$\mathcal{O}(1; \{24, 8, 6, 4, 3\})$	27648
48	$\mathcal{O}(1; \{24, 12, 8, 3^2\})$	82944
48	$\mathcal{O}(1; \{24, 12, 8, 6, 2\})$	27648
48	$\mathcal{O}(1; \{24^2, 3, 2^3\})$	13824
48	$\mathcal{O}(1; \{24^2, 4^2, 3\})$	55296
48	$\mathcal{O}(1; \{24^2, 6, 3^2\})$	69120
48	$\mathcal{O}(1; \{24^2, 6^2, 2\})$	41472
48	$\mathcal{O}(1; \{24^2, 12, 4, 2\})$	55296
48	$\mathcal{O}(1; \{48, 16, 3, 2^3\})$	36864
48	$\mathcal{O}(1; \{48, 16, 4^2, 3\})$	147456
48	$\mathcal{O}(1; \{48, 16, 6, 3^2\})$	110592
48	$\mathcal{O}(1; \{48, 16, 6^2, 2\})$	36864
48	$\mathcal{O}(1; \{48, 16, 12, 4, 2\})$	147456
48	$\mathcal{O}(1; \{48^2, 8, 4, 2\})$	294912
48	$\mathcal{O}(1; \{48^2, 24, 3, 2\})$	442368
48	$\mathcal{O}(0; \{16^2, 8, 3^2, 2^4\})$	64
48	$\mathcal{O}(0; \{16^2, 8, 3^5\})$	320
48	$\mathcal{O}(0; \{16^2, 8, 4^2, 3^2, 2\})$	256

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{16^2, 8, 6, 3^3, 2\})$	192
48	$\mathcal{O}(0; \{16^2, 8, 6^2, 3, 2^2\})$	64
48	$\mathcal{O}(0; \{16^2, 8, 6^4\})$	192
48	$\mathcal{O}(0; \{16^2, 12, 8, 4, 3, 2^2\})$	256
48	$\mathcal{O}(0; \{16^2, 12, 8, 6^2, 4\})$	256
48	$\mathcal{O}(0; \{16^2, 12, 8^3, 3\})$	2048
48	$\mathcal{O}(0; \{16^2, 12^2, 8, 2^3\})$	256
48	$\mathcal{O}(0; \{16^2, 12^2, 8, 4^2\})$	1024
48	$\mathcal{O}(0; \{16^2, 12^2, 8, 6, 3\})$	768
48	$\mathcal{O}(0; \{16^4, 3^2, 2^2\})$	1024
48	$\mathcal{O}(0; \{16^4, 6^2, 3\})$	1024
48	$\mathcal{O}(0; \{16^4, 12, 4, 3\})$	4096
48	$\mathcal{O}(0; \{16^4, 12^2, 2\})$	4096
48	$\mathcal{O}(0; \{24, 16^2, 4, 3^3, 2\})$	384
48	$\mathcal{O}(0; \{24, 16^2, 6, 4, 3, 2^2\})$	128
48	$\mathcal{O}(0; \{24, 16^2, 6^3, 4\})$	384
48	$\mathcal{O}(0; \{24, 16^2, 8^2, 6, 3\})$	1024
48	$\mathcal{O}(0; \{24, 16^2, 12, 3^2, 2^2\})$	384
48	$\mathcal{O}(0; \{24, 16^2, 12, 6, 2^3\})$	128
48	$\mathcal{O}(0; \{24, 16^2, 12, 6, 4^2\})$	512
48	$\mathcal{O}(0; \{24, 16^2, 12, 6^2, 3\})$	640
48	$\mathcal{O}(0; \{24, 16^2, 12^2, 4, 3\})$	1536
48	$\mathcal{O}(0; \{24, 16^2, 12^3, 2\})$	1536
48	$\mathcal{O}(0; \{24^2, 16^2, 8, 4, 3\})$	2048
48	$\mathcal{O}(0; \{24^2, 16^2, 12, 8, 2\})$	2048
48	$\mathcal{O}(0; \{24^3, 16^2, 3^2\})$	5120
48	$\mathcal{O}(0; \{24^3, 16^2, 6, 2\})$	3072
48	$\mathcal{O}(0; \{48, 16, 3, 2^7\})$	16
48	$\mathcal{O}(0; \{48, 16, 3^4, 2^3\})$	80
48	$\mathcal{O}(0; \{48, 16, 4^2, 3, 2^4\})$	64
48	$\mathcal{O}(0; \{48, 16, 4^2, 3^4\})$	320
48	$\mathcal{O}(0; \{48, 16, 4^4, 3, 2\})$	256
48	$\mathcal{O}(0; \{48, 16, 6, 3^2, 2^4\})$	48
48	$\mathcal{O}(0; \{48, 16, 6, 3^5\})$	336
48	$\mathcal{O}(0; \{48, 16, 6, 4^2, 3^2, 2\})$	192
48	$\mathcal{O}(0; \{48, 16, 6^2, 2^5\})$	16
48	$\mathcal{O}(0; \{48, 16, 6^2, 3^3, 2\})$	176
48	$\mathcal{O}(0; \{48, 16, 6^2, 4^2, 2^2\})$	64
48	$\mathcal{O}(0; \{48, 16, 6^3, 3, 2^2\})$	80
48	$\mathcal{O}(0; \{48, 16, 6^5\})$	176
48	$\mathcal{O}(0; \{48, 16, 8^2, 4, 3, 2^2\})$	512
48	$\mathcal{O}(0; \{48, 16, 8^2, 6^2, 4\})$	512
48	$\mathcal{O}(0; \{48, 16, 8^4, 3\})$	4096

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{48, 16, 12, 4, 2^5\})$	64
48	$\mathcal{O}(0; \{48, 16, 12, 4, 3^3, 2\})$	320
48	$\mathcal{O}(0; \{48, 16, 12, 4^3, 2^2\})$	256
48	$\mathcal{O}(0; \{48, 16, 12, 6, 4, 3, 2^2\})$	192
48	$\mathcal{O}(0; \{48, 16, 12, 6^3, 4\})$	320
48	$\mathcal{O}(0; \{48, 16, 12, 8^2, 2^3\})$	512
48	$\mathcal{O}(0; \{48, 16, 12, 8^2, 4^2\})$	2048
48	$\mathcal{O}(0; \{48, 16, 12, 8^2, 6, 3\})$	1536
48	$\mathcal{O}(0; \{48, 16, 12^2, 3^2, 2^2\})$	320
48	$\mathcal{O}(0; \{48, 16, 12^2, 6, 2^3\})$	192
48	$\mathcal{O}(0; \{48, 16, 12^2, 6, 4^2\})$	768
48	$\mathcal{O}(0; \{48, 16, 12^2, 6^2, 3\})$	704
48	$\mathcal{O}(0; \{48, 16, 12^3, 4, 3\})$	1280
48	$\mathcal{O}(0; \{48, 16, 12^4, 2\})$	1280
48	$\mathcal{O}(0; \{48, 16^3, 8, 4, 3\})$	8192
48	$\mathcal{O}(0; \{48, 16^3, 12, 8, 2\})$	8192
48	$\mathcal{O}(0; \{48, 24, 16, 8, 3^2, 2^2\})$	768
48	$\mathcal{O}(0; \{48, 24, 16, 8, 6, 2^3\})$	256
48	$\mathcal{O}(0; \{48, 24, 16, 8, 6, 4^2\})$	1024
48	$\mathcal{O}(0; \{48, 24, 16, 8, 6^2, 3\})$	1280
48	$\mathcal{O}(0; \{48, 24, 16, 12, 8, 4, 3\})$	3072
48	$\mathcal{O}(0; \{48, 24, 16, 12^2, 8, 2\})$	3072
48	$\mathcal{O}(0; \{48, 24, 16^3, 3^2\})$	12288
48	$\mathcal{O}(0; \{48, 24, 16^3, 6, 2\})$	4096
48	$\mathcal{O}(0; \{48, 24^2, 16, 4, 2^3\})$	512
48	$\mathcal{O}(0; \{48, 24^2, 16, 4^3\})$	2048
48	$\mathcal{O}(0; \{48, 24^2, 16, 6, 4, 3\})$	2560
48	$\mathcal{O}(0; \{48, 24^2, 16, 8^2, 2\})$	4096
48	$\mathcal{O}(0; \{48, 24^2, 16, 12, 3^2\})$	5632
48	$\mathcal{O}(0; \{48, 24^2, 16, 12, 6, 2\})$	2560
48	$\mathcal{O}(0; \{48^2, 8, 4, 2^5\})$	128
48	$\mathcal{O}(0; \{48^2, 8, 4, 3^3, 2\})$	640
48	$\mathcal{O}(0; \{48^2, 8, 4^3, 2^2\})$	512
48	$\mathcal{O}(0; \{48^2, 8, 6, 4, 3, 2^2\})$	384
48	$\mathcal{O}(0; \{48^2, 8, 6^3, 4\})$	640
48	$\mathcal{O}(0; \{48^2, 8^3, 2^3\})$	1024
48	$\mathcal{O}(0; \{48^2, 8^3, 4^2\})$	4096
48	$\mathcal{O}(0; \{48^2, 8^3, 6, 3\})$	3072
48	$\mathcal{O}(0; \{48^2, 12, 8, 3^2, 2^2\})$	640
48	$\mathcal{O}(0; \{48^2, 12, 8, 6, 2^3\})$	384
48	$\mathcal{O}(0; \{48^2, 12, 8, 6, 4^2\})$	1536
48	$\mathcal{O}(0; \{48^2, 12, 8, 6^2, 3\})$	1408
48	$\mathcal{O}(0; \{48^2, 12^2, 8, 4, 3\})$	2560

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{48^2, 12^3, 8, 2\})$	2560
48	$\mathcal{O}(0; \{48^2, 16^2, 4, 2^3\})$	2048
48	$\mathcal{O}(0; \{48^2, 16^2, 4^3\})$	8192
48	$\mathcal{O}(0; \{48^2, 16^2, 6, 4, 3\})$	6144
48	$\mathcal{O}(0; \{48^2, 16^2, 8^2, 2\})$	16384
48	$\mathcal{O}(0; \{48^2, 16^2, 12, 3^2\})$	10240
48	$\mathcal{O}(0; \{48^2, 16^2, 12, 6, 2\})$	6144
48	$\mathcal{O}(0; \{48^2, 24, 3, 2^5\})$	192
48	$\mathcal{O}(0; \{48^2, 24, 3^4, 2\})$	1344
48	$\mathcal{O}(0; \{48^2, 24, 4^2, 3, 2^2\})$	768
48	$\mathcal{O}(0; \{48^2, 24, 6, 3^2, 2^2\})$	704
48	$\mathcal{O}(0; \{48^2, 24, 6^2, 2^3\})$	320
48	$\mathcal{O}(0; \{48^2, 24, 6^2, 4^2\})$	1280
48	$\mathcal{O}(0; \{48^2, 24, 6^3, 3\})$	1344
48	$\mathcal{O}(0; \{48^2, 24, 8^2, 4, 3\})$	6144
48	$\mathcal{O}(0; \{48^2, 24, 12, 4, 2^3\})$	768
48	$\mathcal{O}(0; \{48^2, 24, 12, 4^3\})$	3072
48	$\mathcal{O}(0; \{48^2, 24, 12, 6, 4, 3\})$	2816
48	$\mathcal{O}(0; \{48^2, 24, 12, 8^2, 2\})$	6144
48	$\mathcal{O}(0; \{48^2, 24, 12^2, 3^2\})$	5376
48	$\mathcal{O}(0; \{48^2, 24, 12^2, 6, 2\})$	2816
48	$\mathcal{O}(0; \{48^2, 24^2, 8, 3^2\})$	11264
48	$\mathcal{O}(0; \{48^2, 24^2, 8, 6, 2\})$	5120
48	$\mathcal{O}(0; \{48^2, 24^3, 4, 2\})$	10240
48	$\mathcal{O}(0; \{48^3, 16, 8, 3^2\})$	20480
48	$\mathcal{O}(0; \{48^3, 16, 8, 6, 2\})$	12288
48	$\mathcal{O}(0; \{48^3, 24, 16, 4, 2\})$	24576
48	$\mathcal{O}(0; \{48^4, 3, 2^3\})$	5120
48	$\mathcal{O}(0; \{48^4, 4^2, 3\})$	20480
48	$\mathcal{O}(0; \{48^4, 6, 3^2\})$	21504
48	$\mathcal{O}(0; \{48^4, 6^2, 2\})$	11264
48	$\mathcal{O}(0; \{48^4, 12, 4, 2\})$	20480
49	$\mathcal{O}(3; \emptyset)$	13841169552
50	$\mathcal{O}(2; \{25^2\})$	117187500
50	$\mathcal{O}(1; \{25^2, 2^4\})$	50000
50	$\mathcal{O}(1; \{50^2, 25, 2^2\})$	750000
50	$\mathcal{O}(1; \{50^4\})$	16250000
50	$\mathcal{O}(0; \{25^2, 2^8\})$	20
50	$\mathcal{O}(0; \{25^2, 10, 5^2, 2^3\})$	1280
50	$\mathcal{O}(0; \{25^2, 10^3, 5, 2\})$	5120
50	$\mathcal{O}(0; \{50^2, 25, 2^6\})$	300
50	$\mathcal{O}(0; \{50^2, 25, 10, 5^2, 2\})$	19200
50	$\mathcal{O}(0; \{50^4, 2^4\})$	6500

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
51	$\mathcal{O}(1; \{51^2, 17^2\})$	20058912
51	$\mathcal{O}(0; \{51^2, 17^2, 3^3\})$	38560
51	$\mathcal{O}(0; \{51^5, 17\})$	9868960
52	$\mathcal{O}(1; \{13^3, 2^2\})$	267696
52	$\mathcal{O}(1; \{26^2, 13^2\})$	3236688
52	$\mathcal{O}(0; \{13^3, 4^2, 2^3\})$	264
52	$\mathcal{O}(0; \{13^3, 4^4\})$	1056
52	$\mathcal{O}(0; \{26^2, 13^2, 4^2, 2\})$	3192
52	$\mathcal{O}(0; \{52^2, 26, 13^2, 2^2\})$	38280
52	$\mathcal{O}(0; \{52^2, 26^3, 13\})$	459384
52	$\mathcal{O}(0; \{52^4, 13^2\})$	1837536
54	$\mathcal{O}(1; \{54^2, 3, 2^2\})$	104976
54	$\mathcal{O}(1; \{54^2, 6^2\})$	209952
54	$\mathcal{O}(0; \{27^4, 18, 6\})$	52488
54	$\mathcal{O}(0; \{54, 27^2, 9, 3^2, 2\})$	3888
54	$\mathcal{O}(0; \{54, 27^2, 9, 6, 2^2\})$	1944
54	$\mathcal{O}(0; \{54, 27^2, 18, 9^2\})$	34992
54	$\mathcal{O}(0; \{54, 27^2, 18^2, 6\})$	11664
54	$\mathcal{O}(0; \{54^2, 3, 2^6\})$	36
54	$\mathcal{O}(0; \{54^2, 3^4, 2^2\})$	288
54	$\mathcal{O}(0; \{54^2, 6, 3^2, 2^3\})$	144
54	$\mathcal{O}(0; \{54^2, 6^2, 2^4\})$	72
54	$\mathcal{O}(0; \{54^2, 6^2, 3^3\})$	576
54	$\mathcal{O}(0; \{54^2, 6^3, 3, 2\})$	288
54	$\mathcal{O}(0; \{54^2, 9^3, 2^2\})$	3888
54	$\mathcal{O}(0; \{54^2, 18, 9, 3^2, 2\})$	2592
54	$\mathcal{O}(0; \{54^2, 18, 9, 6, 2^2\})$	1296
54	$\mathcal{O}(0; \{54^2, 18^2, 9^2\})$	23328
54	$\mathcal{O}(0; \{54^2, 18^3, 6\})$	7776
54	$\mathcal{O}(0; \{54^3, 27, 9, 6\})$	52488
55	$\mathcal{O}(1; \{55^2, 5^2\})$	1573000
55	$\mathcal{O}(0; \{55^3, 11^2, 5\})$	472680
56	$\mathcal{O}(2; \{4^2\})$	18432000
56	$\mathcal{O}(1; \{4^2, 2^4\})$	4608
56	$\mathcal{O}(1; \{4^4, 2\})$	18432
56	$\mathcal{O}(1; \{8^2, 4, 2^2\})$	24576
56	$\mathcal{O}(1; \{8^4\})$	196608
56	$\mathcal{O}(1; \{28, 14, 7, 4\})$	141120
56	$\mathcal{O}(0; \{28, 14, 8^2, 7, 2^2\})$	240
56	$\mathcal{O}(0; \{28, 14^3, 8^2\})$	1488
56	$\mathcal{O}(0; \{28^3, 8^2, 7\})$	5952
56	$\mathcal{O}(0; \{56, 14, 8, 7^2, 2^2\})$	744
56	$\mathcal{O}(0; \{56, 14^3, 8, 7\})$	4440

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
56	$\mathcal{O}(0; \{56, 28, 14, 8, 4, 2^2\})$	480
56	$\mathcal{O}(0; \{56, 28, 14, 8^3\})$	3840
56	$\mathcal{O}(0; \{56, 28^2, 8, 7^2\})$	17760
56	$\mathcal{O}(0; \{56, 28^3, 8, 4\})$	11904
56	$\mathcal{O}(0; \{56^2, 14, 7, 4, 2^2\})$	1488
56	$\mathcal{O}(0; \{56^2, 14, 8^2, 7\})$	11904
56	$\mathcal{O}(0; \{56^2, 14^3, 4\})$	8880
56	$\mathcal{O}(0; \{56^2, 28, 7^3\})$	53328
56	$\mathcal{O}(0; \{56^2, 28^2, 7, 4\})$	35520
56	$\mathcal{O}(0; \{56^3, 14, 8, 4\})$	23808
57	$\mathcal{O}(0; \{57, 19^4, 3\})$	198900
58	$\mathcal{O}(0; \{58, 29^3, 2^3\})$	21196
58	$\mathcal{O}(0; \{58^3, 29^2, 2\})$	593460
60	$\mathcal{O}(1; \{6^2, 5^2\})$	21600
60	$\mathcal{O}(1; \{15^2, 10, 2\})$	64800
60	$\mathcal{O}(1; \{30, 6, 5, 3\})$	21600
60	$\mathcal{O}(1; \{30^2, 3^2\})$	64800
60	$\mathcal{O}(1; \{30^2, 6, 2\})$	21600
60	$\mathcal{O}(1; \{60, 20, 3^2\})$	57600
60	$\mathcal{O}(1; \{60, 20, 6, 2\})$	57600
60	$\mathcal{O}(1; \{60^2, 5, 2\})$	172800
60	$\mathcal{O}(0; \{6, 5^2, 4^2, 3^2\})$	16
60	$\mathcal{O}(0; \{6^2, 5^2, 4^2, 2\})$	16
60	$\mathcal{O}(0; \{12, 5^2, 4, 3^3\})$	48
60	$\mathcal{O}(0; \{12, 6, 5^2, 4, 3, 2\})$	16
60	$\mathcal{O}(0; \{12^2, 5^2, 3^2, 2\})$	48
60	$\mathcal{O}(0; \{12^2, 6, 5^2, 2^2\})$	16
60	$\mathcal{O}(0; \{12^2, 10^2, 6, 5\})$	48
60	$\mathcal{O}(0; \{12^4, 5^2\})$	192
60	$\mathcal{O}(0; \{15, 12^2, 10, 5^2\})$	208
60	$\mathcal{O}(0; \{15^2, 10, 4^2, 2^2\})$	48
60	$\mathcal{O}(0; \{15^2, 12, 10, 6, 4\})$	144
60	$\mathcal{O}(0; \{15^2, 12^2, 10, 3\})$	240
60	$\mathcal{O}(0; \{15^3, 12, 5, 4\})$	624
60	$\mathcal{O}(0; \{20, 10, 4, 3^4\})$	48
60	$\mathcal{O}(0; \{20, 10, 6, 4, 3^2, 2\})$	16
60	$\mathcal{O}(0; \{20, 10, 6^2, 4, 2^2\})$	16
60	$\mathcal{O}(0; \{20, 12, 10, 3^3, 2\})$	48
60	$\mathcal{O}(0; \{20, 12, 10, 6, 3, 2^2\})$	16
60	$\mathcal{O}(0; \{20, 12, 10, 6^3\})$	48
60	$\mathcal{O}(0; \{20, 12^2, 10, 6, 4\})$	64
60	$\mathcal{O}(0; \{20, 12^3, 10, 3\})$	192
60	$\mathcal{O}(0; \{20, 15, 5, 4, 3^2, 2\})$	48

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{20, 15, 6, 5, 4, 2^2\})$	48
60	$\mathcal{O}(0; \{20, 15, 10^2, 6, 4\})$	208
60	$\mathcal{O}(0; \{20, 15, 12, 5, 3, 2^2\})$	48
60	$\mathcal{O}(0; \{20, 15, 12, 6^2, 5\})$	144
60	$\mathcal{O}(0; \{20, 15, 12, 10^2, 3\})$	208
60	$\mathcal{O}(0; \{20, 15, 12^2, 5, 4\})$	192
60	$\mathcal{O}(0; \{20, 15^2, 10, 5, 4\})$	816
60	$\mathcal{O}(0; \{20^2, 10, 6^2, 5\})$	208
60	$\mathcal{O}(0; \{20^2, 15, 6, 5^2\})$	816
60	$\mathcal{O}(0; \{20^2, 15^2, 2^3\})$	208
60	$\mathcal{O}(0; \{20^2, 15^2, 4^2\})$	832
60	$\mathcal{O}(0; \{20^2, 15^2, 6, 3\})$	624
60	$\mathcal{O}(0; \{20^3, 6^2, 4\})$	192
60	$\mathcal{O}(0; \{20^3, 12, 6, 3\})$	192
60	$\mathcal{O}(0; \{30, 5, 4^2, 3^3\})$	48
60	$\mathcal{O}(0; \{30, 6, 5, 4^2, 3, 2\})$	16
60	$\mathcal{O}(0; \{30, 12, 5, 4, 3^2, 2\})$	48
60	$\mathcal{O}(0; \{30, 12, 6, 5, 4, 2^2\})$	16
60	$\mathcal{O}(0; \{30, 12, 10^2, 6, 4\})$	48
60	$\mathcal{O}(0; \{30, 12^2, 5, 3, 2^2\})$	48
60	$\mathcal{O}(0; \{30, 12^2, 6^2, 5\})$	80
60	$\mathcal{O}(0; \{30, 12^2, 10^2, 3\})$	144
60	$\mathcal{O}(0; \{30, 12^3, 5, 4\})$	192
60	$\mathcal{O}(0; \{30, 15, 12, 10, 5, 4\})$	208
60	$\mathcal{O}(0; \{30, 15^3, 4^2\})$	624
60	$\mathcal{O}(0; \{30, 20, 12, 6, 5^2\})$	208
60	$\mathcal{O}(0; \{30, 20, 15, 4, 3, 2^2\})$	48
60	$\mathcal{O}(0; \{30, 20, 15, 6^2, 4\})$	144
60	$\mathcal{O}(0; \{30, 20, 15, 12, 2^3\})$	48
60	$\mathcal{O}(0; \{30, 20, 15, 12, 4^2\})$	192
60	$\mathcal{O}(0; \{30, 20, 15, 12, 6, 3\})$	240
60	$\mathcal{O}(0; \{30, 20^2, 10, 6, 3\})$	208
60	$\mathcal{O}(0; \{30, 20^2, 15, 5, 3\})$	816
60	$\mathcal{O}(0; \{30^2, 4^2, 3^2, 2\})$	48
60	$\mathcal{O}(0; \{30^2, 6, 4^2, 2^2\})$	16
60	$\mathcal{O}(0; \{30^2, 12, 4, 3, 2^2\})$	48
60	$\mathcal{O}(0; \{30^2, 12, 6^2, 4\})$	80
60	$\mathcal{O}(0; \{30^2, 12^2, 2^3\})$	48
60	$\mathcal{O}(0; \{30^2, 12^2, 4^2\})$	192
60	$\mathcal{O}(0; \{30^2, 12^2, 6, 3\})$	176
60	$\mathcal{O}(0; \{30^2, 15, 10, 4^2\})$	208
60	$\mathcal{O}(0; \{30^2, 20, 6, 5, 4\})$	208
60	$\mathcal{O}(0; \{30^2, 20, 12, 5, 3\})$	624

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{30^2, 20^2, 15, 2\})$	816
60	$\mathcal{O}(0; \{30^3, 20, 4, 3\})$	624
60	$\mathcal{O}(0; \{30^3, 20, 12, 2\})$	624
60	$\mathcal{O}(0; \{60, 10, 5, 4, 3^2, 2\})$	48
60	$\mathcal{O}(0; \{60, 10, 6, 5, 4, 2^2\})$	48
60	$\mathcal{O}(0; \{60, 10^3, 6, 4\})$	208
60	$\mathcal{O}(0; \{60, 12, 10, 5, 3, 2^2\})$	48
60	$\mathcal{O}(0; \{60, 12, 10, 6^2, 5\})$	144
60	$\mathcal{O}(0; \{60, 12, 10^3, 3\})$	208
60	$\mathcal{O}(0; \{60, 12^2, 10, 5, 4\})$	192
60	$\mathcal{O}(0; \{60, 15, 5^2, 4, 2^2\})$	208
60	$\mathcal{O}(0; \{60, 15, 10^2, 5, 4\})$	816
60	$\mathcal{O}(0; \{60, 15, 12, 6, 5^2\})$	624
60	$\mathcal{O}(0; \{60, 15^2, 4, 3, 2^2\})$	144
60	$\mathcal{O}(0; \{60, 15^2, 6^2, 4\})$	240
60	$\mathcal{O}(0; \{60, 15^2, 12, 2^3\})$	144
60	$\mathcal{O}(0; \{60, 15^2, 12, 4^2\})$	576
60	$\mathcal{O}(0; \{60, 15^2, 12, 6, 3\})$	528
60	$\mathcal{O}(0; \{60, 20, 3^2, 2^4\})$	16
60	$\mathcal{O}(0; \{60, 20, 3^5\})$	176
60	$\mathcal{O}(0; \{60, 20, 4^2, 3^2, 2\})$	64
60	$\mathcal{O}(0; \{60, 20, 6, 2^5\})$	16
60	$\mathcal{O}(0; \{60, 20, 6, 3^3, 2\})$	80
60	$\mathcal{O}(0; \{60, 20, 6, 4^2, 2^2\})$	64
60	$\mathcal{O}(0; \{60, 20, 6^2, 3, 2^2\})$	48
60	$\mathcal{O}(0; \{60, 20, 6^4\})$	80
60	$\mathcal{O}(0; \{60, 20, 10, 6, 5^2\})$	816
60	$\mathcal{O}(0; \{60, 20, 12, 4, 3, 2^2\})$	64
60	$\mathcal{O}(0; \{60, 20, 12, 6^2, 4\})$	192
60	$\mathcal{O}(0; \{60, 20, 12^2, 2^3\})$	64
60	$\mathcal{O}(0; \{60, 20, 12^2, 4^2\})$	256
60	$\mathcal{O}(0; \{60, 20, 12^2, 6, 3\})$	320
60	$\mathcal{O}(0; \{60, 20, 15, 5^3\})$	3280
60	$\mathcal{O}(0; \{60, 20, 15, 10, 2^3\})$	208
60	$\mathcal{O}(0; \{60, 20, 15, 10, 4^2\})$	832
60	$\mathcal{O}(0; \{60, 20, 15, 10, 6, 3\})$	624
60	$\mathcal{O}(0; \{60, 20, 15^2, 5, 3\})$	2448
60	$\mathcal{O}(0; \{60, 20^2, 6, 5, 4\})$	832
60	$\mathcal{O}(0; \{60, 20^2, 12, 5, 3\})$	832
60	$\mathcal{O}(0; \{60, 20^3, 15, 2\})$	3264
60	$\mathcal{O}(0; \{60, 30, 10, 4, 3, 2^2\})$	48
60	$\mathcal{O}(0; \{60, 30, 10, 6^2, 4\})$	144
60	$\mathcal{O}(0; \{60, 30, 12, 5^3\})$	816

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{60, 30, 12, 10, 2^3\})$	48
60	$\mathcal{O}(0; \{60, 30, 12, 10, 4^2\})$	192
60	$\mathcal{O}(0; \{60, 30, 12, 10, 6, 3\})$	240
60	$\mathcal{O}(0; \{60, 30, 15, 6, 5, 4\})$	624
60	$\mathcal{O}(0; \{60, 30, 15, 12, 5, 3\})$	1040
60	$\mathcal{O}(0; \{60, 30, 20, 10, 5, 3\})$	816
60	$\mathcal{O}(0; \{60, 30, 20, 15^2, 2\})$	2448
60	$\mathcal{O}(0; \{60, 30, 20^2, 4, 3\})$	832
60	$\mathcal{O}(0; \{60, 30, 20^2, 12, 2\})$	832
60	$\mathcal{O}(0; \{60, 30^2, 5^2, 4\})$	816
60	$\mathcal{O}(0; \{60, 30^2, 15, 4, 3\})$	1040
60	$\mathcal{O}(0; \{60, 30^2, 15, 12, 2\})$	1040
60	$\mathcal{O}(0; \{60, 30^2, 20, 10, 2\})$	816
60	$\mathcal{O}(0; \{60^2, 5, 2^5\})$	48
60	$\mathcal{O}(0; \{60^2, 5, 3^3, 2\})$	240
60	$\mathcal{O}(0; \{60^2, 5, 4^2, 2^2\})$	192
60	$\mathcal{O}(0; \{60^2, 6, 5, 3, 2^2\})$	144
60	$\mathcal{O}(0; \{60^2, 6^3, 5\})$	240
60	$\mathcal{O}(0; \{60^2, 10, 5^3\})$	3280
60	$\mathcal{O}(0; \{60^2, 10^2, 2^3\})$	208
60	$\mathcal{O}(0; \{60^2, 10^2, 4^2\})$	832
60	$\mathcal{O}(0; \{60^2, 10^2, 6, 3\})$	624
60	$\mathcal{O}(0; \{60^2, 12, 6, 5, 4\})$	576
60	$\mathcal{O}(0; \{60^2, 12^2, 5, 3\})$	960
60	$\mathcal{O}(0; \{60^2, 15, 10, 5, 3\})$	2448
60	$\mathcal{O}(0; \{60^2, 15^3, 2\})$	4080
60	$\mathcal{O}(0; \{60^2, 20, 5^2, 4\})$	3264
60	$\mathcal{O}(0; \{60^2, 20, 15, 4, 3\})$	2496
60	$\mathcal{O}(0; \{60^2, 20, 15, 12, 2\})$	2496
60	$\mathcal{O}(0; \{60^2, 20^2, 10, 2\})$	3264
60	$\mathcal{O}(0; \{60^2, 30, 3^2, 2^2\})$	240
60	$\mathcal{O}(0; \{60^2, 30, 6, 2^3\})$	144
60	$\mathcal{O}(0; \{60^2, 30, 6, 4^2\})$	576
60	$\mathcal{O}(0; \{60^2, 30, 6^2, 3\})$	528
60	$\mathcal{O}(0; \{60^2, 30, 12, 4, 3\})$	960
60	$\mathcal{O}(0; \{60^2, 30, 12^2, 2\})$	960
60	$\mathcal{O}(0; \{60^2, 30, 15, 10, 2\})$	2448
60	$\mathcal{O}(0; \{60^3, 10, 4, 3\})$	2496
60	$\mathcal{O}(0; \{60^3, 12, 10, 2\})$	2496
60	$\mathcal{O}(0; \{60^4, 3^2\})$	9152
60	$\mathcal{O}(0; \{60^4, 6, 2\})$	4160
63	$\mathcal{O}(1; \{9^2, 3^2\})$	93312
63	$\mathcal{O}(0; \{21, 9^2, 7^2, 3\})$	720

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
63	$\mathcal{O}(0; \{63, 9, 7^3, 3\})$	2232
63	$\mathcal{O}(0; \{63, 21^2, 9, 3^2\})$	2880
63	$\mathcal{O}(0; \{63^2, 21, 7, 3^2\})$	8928
64	$\mathcal{O}(0; \{64^2, 32, 8, 4, 2\})$	4096
66	$\mathcal{O}(1; \{66^2, 2^2\})$	87120
66	$\mathcal{O}(0; \{33^2, 22, 11, 3, 2\})$	1820
66	$\mathcal{O}(0; \{66, 11^2, 3, 2^3\})$	180
66	$\mathcal{O}(0; \{66, 11^2, 6, 3^2\})$	540
66	$\mathcal{O}(0; \{66, 11^2, 6^2, 2\})$	180
66	$\mathcal{O}(0; \{66, 22^2, 11, 3, 2\})$	1820
66	$\mathcal{O}(0; \{66^2, 2^6\})$	20
66	$\mathcal{O}(0; \{66^2, 3^3, 2^2\})$	100
66	$\mathcal{O}(0; \{66^2, 6, 3, 2^3\})$	60
66	$\mathcal{O}(0; \{66^2, 6^2, 3^2\})$	220
66	$\mathcal{O}(0; \{66^2, 6^3, 2\})$	100
67	$\mathcal{O}(0; \{67^3\})$	18691530
68	$\mathcal{O}(1; \{17^2, 2^2\})$	55488
68	$\mathcal{O}(1; \{34^2, 17\})$	832320
68	$\mathcal{O}(0; \{17^2, 4^2, 2^3\})$	32
68	$\mathcal{O}(0; \{17^2, 4^4\})$	128
68	$\mathcal{O}(0; \{34^2, 17, 4^2, 2\})$	480
68	$\mathcal{O}(0; \{68^2, 34, 17, 2^2\})$	7712
68	$\mathcal{O}(0; \{68^2, 34^3\})$	123360
68	$\mathcal{O}(0; \{68^4, 17\})$	493440
69	$\mathcal{O}(0; \{69^2, 23^3\})$	448140
70	$\mathcal{O}(1; \{10^2, 2^2\})$	19200
70	$\mathcal{O}(1; \{35, 14, 10\})$	117600
70	$\mathcal{O}(1; \{35^2, 7\})$	441000
70	$\mathcal{O}(0; \{35, 14, 5^3, 2\})$	312
70	$\mathcal{O}(0; \{35, 14, 10, 2^4\})$	24
70	$\mathcal{O}(0; \{35^2, 7, 2^4\})$	120
70	$\mathcal{O}(0; \{35^2, 14^2, 2^2\})$	744
70	$\mathcal{O}(0; \{70, 7^2, 5^2, 2\})$	360
70	$\mathcal{O}(0; \{70, 35^3, 10\})$	37944
70	$\mathcal{O}(0; \{70^2, 14, 10, 2^2\})$	360
70	$\mathcal{O}(0; \{70^2, 35, 7, 2^2\})$	2232
70	$\mathcal{O}(0; \{70^2, 35, 14^2\})$	13320
70	$\mathcal{O}(0; \{70^4, 7\})$	57720
72	$\mathcal{O}(1; \{72^2, 4\})$	248832
72	$\mathcal{O}(0; \{24, 18^2, 8, 2^2\})$	48
72	$\mathcal{O}(0; \{24^2, 18^2, 12\})$	384
72	$\mathcal{O}(0; \{36, 24^2, 18, 9\})$	576
72	$\mathcal{O}(0; \{36^2, 24, 18, 8\})$	576

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
72	$\mathcal{O}(0; \{72, 18, 8, 4, 3, 2\})$	96
72	$\mathcal{O}(0; \{72, 18, 12, 8, 2^2\})$	96
72	$\mathcal{O}(0; \{72, 24, 9^2, 2^2\})$	144
72	$\mathcal{O}(0; \{72, 24, 18, 3^2, 2\})$	192
72	$\mathcal{O}(0; \{72, 24, 18, 6, 2^2\})$	96
72	$\mathcal{O}(0; \{72, 24, 18, 12^2\})$	768
72	$\mathcal{O}(0; \{72, 24, 18^2, 9\})$	1296
72	$\mathcal{O}(0; \{72, 24^2, 18, 8\})$	1536
72	$\mathcal{O}(0; \{72, 36, 9, 8, 2^2\})$	144
72	$\mathcal{O}(0; \{72, 36, 18^2, 8\})$	1296
72	$\mathcal{O}(0; \{72, 36, 24, 12, 9\})$	1152
72	$\mathcal{O}(0; \{72, 36^2, 12, 8\})$	1152
72	$\mathcal{O}(0; \{72, 36^2, 24, 6\})$	1152
72	$\mathcal{O}(0; \{72^2, 4, 2^4\})$	48
72	$\mathcal{O}(0; \{72^2, 4, 3^3\})$	384
72	$\mathcal{O}(0; \{72^2, 4^3, 2\})$	192
72	$\mathcal{O}(0; \{72^2, 6, 4, 3, 2\})$	192
72	$\mathcal{O}(0; \{72^2, 8^2, 2^2\})$	384
72	$\mathcal{O}(0; \{72^2, 12, 3^2, 2\})$	384
72	$\mathcal{O}(0; \{72^2, 12, 6, 2^2\})$	192
72	$\mathcal{O}(0; \{72^2, 12^3\})$	1536
72	$\mathcal{O}(0; \{72^2, 18, 12, 9\})$	2592
72	$\mathcal{O}(0; \{72^2, 24, 12, 8\})$	3072
72	$\mathcal{O}(0; \{72^2, 24^2, 6\})$	3072
72	$\mathcal{O}(0; \{72^2, 36, 9^2\})$	6480
72	$\mathcal{O}(0; \{72^2, 36, 18, 6\})$	2592
72	$\mathcal{O}(0; \{72^3, 9, 8\})$	10368
75	$\mathcal{O}(1; \{75, 25, 3\})$	225000
75	$\mathcal{O}(0; \{75, 25, 3^4\})$	200
75	$\mathcal{O}(0; \{75, 25, 15^2, 5\})$	2560
75	$\mathcal{O}(0; \{75^4, 3\})$	65000
76	$\mathcal{O}(0; \{76, 19^3, 4\})$	11052
77	$\mathcal{O}(0; \{77^2, 7^3\})$	11100
78	$\mathcal{O}(0; \{13^2, 6, 3^2, 2\})$	24
78	$\mathcal{O}(0; \{13^2, 6^2, 2^2\})$	24
78	$\mathcal{O}(0; \{26^2, 13, 6^2\})$	264
78	$\mathcal{O}(0; \{78, 39, 26, 13, 3\})$	3192
80	$\mathcal{O}(1; \{40^2, 2\})$	76800
80	$\mathcal{O}(0; \{16^2, 10, 8, 5\})$	128
80	$\mathcal{O}(0; \{40, 16^2, 5^2\})$	384
80	$\mathcal{O}(0; \{80, 16, 10, 8, 4\})$	256
80	$\mathcal{O}(0; \{80, 40, 16, 5, 4\})$	768
80	$\mathcal{O}(0; \{80^2, 8, 5^2\})$	1664

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
80	$\mathcal{O}(0; \{80^2, 40, 2^3\})$	384
80	$\mathcal{O}(0; \{80^2, 40, 4^2\})$	1536
80	$\mathcal{O}(0; \{80^4, 2\})$	26624
81	$\mathcal{O}(0; \{81^2, 9^2, 3\})$	3888
84	$\mathcal{O}(1; \{3^2, 2^2\})$	10368
84	$\mathcal{O}(1; \{6^2, 3\})$	10368
84	$\mathcal{O}(1; \{12, 4, 3\})$	27648
84	$\mathcal{O}(1; \{12^2, 2\})$	27648
84	$\mathcal{O}(0; \{21, 12, 7^2, 4\})$	120
84	$\mathcal{O}(0; \{21^2, 14, 4^2\})$	120
84	$\mathcal{O}(0; \{28, 14, 12, 7, 3\})$	120
84	$\mathcal{O}(0; \{28, 21, 4, 3, 2^2\})$	24
84	$\mathcal{O}(0; \{28, 21, 6^2, 4\})$	24
84	$\mathcal{O}(0; \{28, 21, 12, 2^3\})$	24
84	$\mathcal{O}(0; \{28, 21, 12, 4^2\})$	96
84	$\mathcal{O}(0; \{28, 21, 12, 6, 3\})$	72
84	$\mathcal{O}(0; \{28^2, 21^2, 2\})$	744
84	$\mathcal{O}(0; \{42, 12, 7, 6, 4\})$	24
84	$\mathcal{O}(0; \{42, 12^2, 7, 3\})$	72
84	$\mathcal{O}(0; \{42^2, 28, 4, 3\})$	120
84	$\mathcal{O}(0; \{42^2, 28, 12, 2\})$	120
84	$\mathcal{O}(0; \{84, 14, 4, 3, 2^2\})$	24
84	$\mathcal{O}(0; \{84, 14, 6^2, 4\})$	24
84	$\mathcal{O}(0; \{84, 14, 12, 2^3\})$	24
84	$\mathcal{O}(0; \{84, 14, 12, 4^2\})$	96
84	$\mathcal{O}(0; \{84, 14, 12, 6, 3\})$	72
84	$\mathcal{O}(0; \{84, 28, 7^2, 3\})$	744
84	$\mathcal{O}(0; \{84, 28, 21, 14, 2\})$	744
84	$\mathcal{O}(0; \{84, 28^2, 4, 3\})$	480
84	$\mathcal{O}(0; \{84, 28^2, 12, 2\})$	480
84	$\mathcal{O}(0; \{84, 42, 21, 4, 3\})$	360
84	$\mathcal{O}(0; \{84, 42, 21, 12, 2\})$	360
84	$\mathcal{O}(0; \{84^2, 7, 2^3\})$	120
84	$\mathcal{O}(0; \{84^2, 7, 4^2\})$	480
84	$\mathcal{O}(0; \{84^2, 7, 6, 3\})$	360
84	$\mathcal{O}(0; \{84^2, 14^2, 2\})$	744
87	$\mathcal{O}(0; \{87, 29^2, 3^2\})$	1512
88	$\mathcal{O}(0; \{88, 22, 11, 8, 2\})$	360
88	$\mathcal{O}(0; \{88^2, 4, 2^3\})$	80
88	$\mathcal{O}(0; \{88^2, 4^3\})$	320
88	$\mathcal{O}(0; \{88^2, 8^2, 2\})$	640
90	$\mathcal{O}(0; \{30, 15, 9^2, 2\})$	96
90	$\mathcal{O}(0; \{45^2, 9, 6, 2\})$	144

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
90	$\mathcal{O}(0; \{90, 9, 5, 2^3\})$	24
90	$\mathcal{O}(0; \{90, 9, 6, 5, 3\})$	96
90	$\mathcal{O}(0; \{90, 10^2, 9, 2\})$	72
90	$\mathcal{O}(0; \{90, 18^2, 5, 2\})$	72
90	$\mathcal{O}(0; \{90, 30, 9, 3^2\})$	192
90	$\mathcal{O}(0; \{90, 30, 9, 6, 2\})$	96
90	$\mathcal{O}(0; \{90^2, 10, 5, 2\})$	312
96	$\mathcal{O}(0; \{96, 32, 4, 3^2\})$	64
96	$\mathcal{O}(0; \{96, 32, 6, 4, 2\})$	64
96	$\mathcal{O}(0; \{96, 32, 12, 3, 2\})$	64
98	$\mathcal{O}(2; \emptyset)$	86436000
98	$\mathcal{O}(1; \{2^4\})$	9408
99	$\mathcal{O}(1; \{99^2\})$	588060
99	$\mathcal{O}(0; \{99^2, 3^3\})$	480
100	$\mathcal{O}(1; \{50^2\})$	150000
100	$\mathcal{O}(0; \{50^2, 4^2, 2\})$	40
100	$\mathcal{O}(0; \{100^2, 50, 2^2\})$	600
100	$\mathcal{O}(0; \{100^4\})$	52000
102	$\mathcal{O}(0; \{51, 17, 6, 3, 2\})$	32
102	$\mathcal{O}(0; \{102, 51^2, 34\})$	7712
102	$\mathcal{O}(0; \{102^2, 17, 2^2\})$	480
102	$\mathcal{O}(0; \{102^2, 34^2\})$	7712
104	$\mathcal{O}(0; \{104^2, 52, 13\})$	12768
105	$\mathcal{O}(1; \{15^2\})$	86400
105	$\mathcal{O}(0; \{105, 35, 21^2\})$	1488
105	$\mathcal{O}(0; \{105, 35^2, 15\})$	3120
105	$\mathcal{O}(0; \{105^2, 21, 15\})$	2160
108	$\mathcal{O}(0; \{36, 27^2, 12\})$	432
108	$\mathcal{O}(0; \{108, 27, 18, 12\})$	432
108	$\mathcal{O}(0; \{108, 36, 27, 9\})$	1296
108	$\mathcal{O}(0; \{108^2, 3^2, 2\})$	144
108	$\mathcal{O}(0; \{108^2, 6, 2^2\})$	72
108	$\mathcal{O}(0; \{108^2, 12^2\})$	576
108	$\mathcal{O}(0; \{108^2, 18, 9\})$	1296
110	$\mathcal{O}(0; \{110, 55, 11, 10\})$	1080
110	$\mathcal{O}(0; \{110^2, 5, 2^2\})$	120
110	$\mathcal{O}(0; \{110^2, 10^2\})$	520
112	$\mathcal{O}(1; \{8^2\})$	36864
112	$\mathcal{O}(0; \{112, 28, 16, 7\})$	480
114	$\mathcal{O}(0; \{114, 19^2, 6\})$	612
115	$\mathcal{O}(0; \{115, 23^2, 5\})$	1848
116	$\mathcal{O}(0; \{116, 58, 29, 4\})$	1512
117	$\mathcal{O}(0; \{39, 13, 9^2\})$	144

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Table 9 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
119	$\mathcal{O}(0; \{119, 17, 7^2\})$	480
120	$\mathcal{O}(0; \{120, 15, 8, 6\})$	32
120	$\mathcal{O}(0; \{120, 24, 15, 4\})$	64
120	$\mathcal{O}(0; \{120, 30, 8, 5\})$	96
120	$\mathcal{O}(0; \{120, 40, 3, 2^2\})$	32
120	$\mathcal{O}(0; \{120, 40, 6^2\})$	32
120	$\mathcal{O}(0; \{120, 40, 12, 4\})$	128
120	$\mathcal{O}(0; \{120^2, 10, 4\})$	192
120	$\mathcal{O}(0; \{120^2, 60, 3\})$	576
126	$\mathcal{O}(0; \{126, 21, 18, 3\})$	144
132	$\mathcal{O}(0; \{132, 11, 6, 4\})$	40
132	$\mathcal{O}(0; \{132, 12, 11, 3\})$	40
132	$\mathcal{O}(0; \{132^2, 2^3\})$	40
132	$\mathcal{O}(0; \{132^2, 4^2\})$	160
132	$\mathcal{O}(0; \{132^2, 6, 3\})$	120
134	$\mathcal{O}(0; \{134, 67^2, 2\})$	4290
135	$\mathcal{O}(0; \{135^2, 5, 3\})$	432
140	$\mathcal{O}(0; \{70, 28, 20, 2\})$	48
140	$\mathcal{O}(0; \{140, 7, 5, 4\})$	48
144	$\mathcal{O}(0; \{144, 48, 9, 2\})$	96
144	$\mathcal{O}(0; \{144^2, 8, 2\})$	192
147	$\mathcal{O}(1; \{3^2\})$	42336
150	$\mathcal{O}(0; \{75^2, 6, 2\})$	40
150	$\mathcal{O}(0; \{150, 50, 3^2\})$	40
150	$\mathcal{O}(0; \{150, 50, 6, 2\})$	40
174	$\mathcal{O}(0; \{174, 29, 3, 2\})$	56
196	$\mathcal{O}(1; \{2^2\})$	28224
198	$\mathcal{O}(0; \{198^2, 2^2\})$	60
199	$\mathcal{O}(0; \{199^3\})$	39006
200	$\mathcal{O}(0; \{200^2, 100\})$	2400
201	$\mathcal{O}(0; \{201^2, 67\})$	8580
204	$\mathcal{O}(0; \{204, 68, 51\})$	960
204	$\mathcal{O}(0; \{204^2, 34\})$	960
207	$\mathcal{O}(0; \{207^2, 23\})$	2772
209	$\mathcal{O}(0; \{209^2, 19\})$	3060
210	$\mathcal{O}(0; \{105, 42, 30\})$	48
210	$\mathcal{O}(0; \{210, 35, 30\})$	144
210	$\mathcal{O}(0; \{210, 70, 21\})$	240
216	$\mathcal{O}(0; \{216^2, 12\})$	288
220	$\mathcal{O}(0; \{220^2, 10\})$	240
225	$\mathcal{O}(0; \{225, 75, 9\})$	240
228	$\mathcal{O}(0; \{228, 19, 12\})$	72
230	$\mathcal{O}(0; \{230, 23, 10\})$	88

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
231	$\mathcal{O}(0; \{231^2, 7\})$	600
238	$\mathcal{O}(0; \{238, 34, 7\})$	96
240	$\mathcal{O}(0; \{240, 80, 6\})$	64
264	$\mathcal{O}(0; \{264^2, 4\})$	160
268	$\mathcal{O}(0; \{268, 67, 4\})$	132
297	$\mathcal{O}(0; \{297^2, 3\})$	360
300	$\mathcal{O}(0; \{300, 100, 3\})$	80
396	$\mathcal{O}(0; \{396^2, 2\})$	120
398	$\mathcal{O}(0; \{398, 199, 2\})$	198

Table 10: 100-admissible orbifolds.

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
1	$\mathcal{O}(100; \emptyset)$	1
2	$\mathcal{O}(50; \{2^2\})$	1267650600228229401496703205376
2	$\mathcal{O}(49; \{2^6\})$	316912650057057350374175801344
2	$\mathcal{O}(48; \{2^{10}\})$	79228162514264337593543950336
2	$\mathcal{O}(47; \{2^{14}\})$	19807040628566084398385987584
2	$\mathcal{O}(46; \{2^{18}\})$	4951760157141521099596496896
2	$\mathcal{O}(45; \{2^{22}\})$	1237940039285380274899124224
2	$\mathcal{O}(44; \{2^{26}\})$	309485009821345068724781056
2	$\mathcal{O}(43; \{2^{30}\})$	77371252455336267181195264
2	$\mathcal{O}(42; \{2^{34}\})$	19342813113834066795298816
2	$\mathcal{O}(41; \{2^{38}\})$	4835703278458516698824704
2	$\mathcal{O}(40; \{2^{42}\})$	1208925819614629174706176
2	$\mathcal{O}(39; \{2^{46}\})$	302231454903657293676544
2	$\mathcal{O}(38; \{2^{50}\})$	75557863725914323419136
2	$\mathcal{O}(37; \{2^{54}\})$	18889465931478580854784
2	$\mathcal{O}(36; \{2^{58}\})$	4722366482869645213696
2	$\mathcal{O}(35; \{2^{62}\})$	1180591620717411303424
2	$\mathcal{O}(34; \{2^{66}\})$	295147905179352825856
2	$\mathcal{O}(33; \{2^{70}\})$	73786976294838206464
2	$\mathcal{O}(32; \{2^{74}\})$	18446744073709551616
2	$\mathcal{O}(31; \{2^{78}\})$	4611686018427387904
2	$\mathcal{O}(30; \{2^{82}\})$	1152921504606846976
2	$\mathcal{O}(29; \{2^{86}\})$	288230376151711744
2	$\mathcal{O}(28; \{2^{90}\})$	72057594037927936
2	$\mathcal{O}(27; \{2^{94}\})$	18014398509481984
2	$\mathcal{O}(26; \{2^{98}\})$	4503599627370496
2	$\mathcal{O}(25; \{2^{102}\})$	1125899906842624

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
2	$\mathcal{O}(24; \{2^{106}\})$	281474976710656
2	$\mathcal{O}(23; \{2^{110}\})$	70368744177664
2	$\mathcal{O}(22; \{2^{114}\})$	17592186044416
2	$\mathcal{O}(21; \{2^{118}\})$	4398046511104
2	$\mathcal{O}(20; \{2^{122}\})$	1099511627776
2	$\mathcal{O}(19; \{2^{126}\})$	274877906944
2	$\mathcal{O}(18; \{2^{130}\})$	68719476736
2	$\mathcal{O}(17; \{2^{134}\})$	17179869184
2	$\mathcal{O}(16; \{2^{138}\})$	4294967296
2	$\mathcal{O}(15; \{2^{142}\})$	1073741824
2	$\mathcal{O}(14; \{2^{146}\})$	268435456
2	$\mathcal{O}(13; \{2^{150}\})$	67108864
2	$\mathcal{O}(12; \{2^{154}\})$	16777216
2	$\mathcal{O}(11; \{2^{158}\})$	4194304
2	$\mathcal{O}(10; \{2^{162}\})$	1048576
2	$\mathcal{O}(9; \{2^{166}\})$	262144
2	$\mathcal{O}(8; \{2^{170}\})$	65536
2	$\mathcal{O}(7; \{2^{174}\})$	16384
2	$\mathcal{O}(6; \{2^{178}\})$	4096
2	$\mathcal{O}(5; \{2^{182}\})$	1024
2	$\mathcal{O}(4; \{2^{186}\})$	256
2	$\mathcal{O}(3; \{2^{190}\})$	64
2	$\mathcal{O}(2; \{2^{194}\})$	16
2	$\mathcal{O}(1; \{2^{198}\})$	4
2	$\mathcal{O}(0; \{2^{202}\})$	1
3	$\mathcal{O}(34; \emptyset)$	278128389443693511257285776231760
3	$\mathcal{O}(33; \{3^3\})$	61806308765265224723841283607058
3	$\mathcal{O}(32; \{3^6\})$	75541044046435274662472679964182
3	$\mathcal{O}(31; \{3^9\})$	64858472161080791376870482797530
3	$\mathcal{O}(30; \{3^{12}\})$	57906322203945334000526195752566
3	$\mathcal{O}(29; \{3^{15}\})$	51444025631323486087013755491258
3	$\mathcal{O}(28; \{3^{18}\})$	45731162869196818462791063728022
3	$\mathcal{O}(27; \{3^{21}\})$	40649573651975153726567247639450
3	$\mathcal{O}(26; \{3^{24}\})$	36132993123802583116988458161846
3	$\mathcal{O}(25; \{3^{27}\})$	32118211802658814397318652411258
3	$\mathcal{O}(24; \{3^{30}\})$	28549522080962049036629416879062
3	$\mathcal{O}(23; \{3^{33}\})$	25377352907677525981311141761370
3	$\mathcal{O}(22; \{3^{36}\})$	22557647034955315174267126740726
3	$\mathcal{O}(21; \{3^{39}\})$	20051241808192655109003927392058
3	$\mathcal{O}(20; \{3^{42}\})$	17823326051799750534091165921302
3	$\mathcal{O}(19; \{3^{45}\})$	15842956490480562031108331755290
3	$\mathcal{O}(18; \{3^{48}\})$	14082627991539177928796965777206
3	$\mathcal{O}(17; \{3^{51}\})$	12517891548034724762507104913658

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
3	$\mathcal{O}(16; \{3^{54}\})$	11127014709364210907016337478742
3	$\mathcal{O}(15; \{3^{57}\})$	9890679741657075126445507413210
3	$\mathcal{O}(14; \{3^{60}\})$	8791715325917400249656761319286
3	$\mathcal{O}(13; \{3^{63}\})$	7814858067482133539999259536058
3	$\mathcal{O}(12; \{3^{66}\})$	6946540504428563148360585695382
3	$\mathcal{O}(11; \{3^{69}\})$	6174702670603167242798900927130
3	$\mathcal{O}(10; \{3^{72}\})$	5488624596091704215842165974966
3	$\mathcal{O}(9; \{3^{75}\})$	4878777418748181525190711899258
3	$\mathcal{O}(8; \{3^{78}\})$	4336691038887272466836446635222
3	$\mathcal{O}(7; \{3^{81}\})$	3854836479010908859410146089050
3	$\mathcal{O}(6; \{3^{84}\})$	3426521314676363430586799712246
3	$\mathcal{O}(5; \{3^{87}\})$	3045796724156767493854932723258
3	$\mathcal{O}(4; \{3^{90}\})$	2707374865917126661204384682262
3	$\mathcal{O}(3; \{3^{93}\})$	2406555436370779254403897490970
3	$\mathcal{O}(2; \{3^{96}\})$	2139160387885137115025686659126
3	$\mathcal{O}(1; \{3^{99}\})$	1901475900342344102245054808058
3	$\mathcal{O}(0; \{3^{102}\})$	1690200800304305868662270940502
4	$\mathcal{O}(25; \{4^2\})$	2535301200456458802993406410752
4	$\mathcal{O}(24; \{4^2, 2^4\})$	158456325028528675187087900672
4	$\mathcal{O}(24; \{4^4, 2\})$	633825300114114700748351602688
4	$\mathcal{O}(23; \{4^2, 2^8\})$	9903520314283042199192993792
4	$\mathcal{O}(23; \{4^4, 2^5\})$	39614081257132168796771975168
4	$\mathcal{O}(23; \{4^6, 2^2\})$	158456325028528675187087900672
4	$\mathcal{O}(22; \{4^2, 2^{12}\})$	618970019642690137449562112
4	$\mathcal{O}(22; \{4^4, 2^9\})$	2475880078570760549798248448
4	$\mathcal{O}(22; \{4^6, 2^6\})$	9903520314283042199192993792
4	$\mathcal{O}(22; \{4^8, 2^3\})$	39614081257132168796771975168
4	$\mathcal{O}(22; \{4^{10}\})$	158456325028528675187087900672
4	$\mathcal{O}(21; \{4^2, 2^{16}\})$	38685626227668133590597632
4	$\mathcal{O}(21; \{4^4, 2^{13}\})$	154742504910672534362390528
4	$\mathcal{O}(21; \{4^6, 2^{10}\})$	618970019642690137449562112
4	$\mathcal{O}(21; \{4^8, 2^7\})$	2475880078570760549798248448
4	$\mathcal{O}(21; \{4^{10}, 2^4\})$	9903520314283042199192993792
4	$\mathcal{O}(21; \{4^{12}, 2\})$	39614081257132168796771975168
4	$\mathcal{O}(20; \{4^2, 2^{20}\})$	2417851639229258349412352
4	$\mathcal{O}(20; \{4^4, 2^{17}\})$	9671406556917033397649408
4	$\mathcal{O}(20; \{4^6, 2^{14}\})$	38685626227668133590597632
4	$\mathcal{O}(20; \{4^8, 2^{11}\})$	154742504910672534362390528
4	$\mathcal{O}(20; \{4^{10}, 2^8\})$	618970019642690137449562112
4	$\mathcal{O}(20; \{4^{12}, 2^5\})$	2475880078570760549798248448
4	$\mathcal{O}(20; \{4^{14}, 2^2\})$	9903520314283042199192993792
4	$\mathcal{O}(19; \{4^2, 2^{24}\})$	151115727451828646838272
4	$\mathcal{O}(19; \{4^4, 2^{21}\})$	604462909807314587353088

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(19; \{4^6, 2^{18}\})$	2417851639229258349412352
4	$\mathcal{O}(19; \{4^8, 2^{15}\})$	9671406556917033397649408
4	$\mathcal{O}(19; \{4^{10}, 2^{12}\})$	38685626227668133590597632
4	$\mathcal{O}(19; \{4^{12}, 2^9\})$	154742504910672534362390528
4	$\mathcal{O}(19; \{4^{14}, 2^6\})$	618970019642690137449562112
4	$\mathcal{O}(19; \{4^{16}, 2^3\})$	2475880078570760549798248448
4	$\mathcal{O}(19; \{4^{18}\})$	9903520314283042199192993792
4	$\mathcal{O}(18; \{4^2, 2^{28}\})$	9444732965739290427392
4	$\mathcal{O}(18; \{4^4, 2^{25}\})$	37778931862957161709568
4	$\mathcal{O}(18; \{4^6, 2^{22}\})$	151115727451828646838272
4	$\mathcal{O}(18; \{4^8, 2^{19}\})$	604462909807314587353088
4	$\mathcal{O}(18; \{4^{10}, 2^{16}\})$	2417851639229258349412352
4	$\mathcal{O}(18; \{4^{12}, 2^{13}\})$	9671406556917033397649408
4	$\mathcal{O}(18; \{4^{14}, 2^{10}\})$	38685626227668133590597632
4	$\mathcal{O}(18; \{4^{16}, 2^7\})$	154742504910672534362390528
4	$\mathcal{O}(18; \{4^{18}, 2^4\})$	618970019642690137449562112
4	$\mathcal{O}(18; \{4^{20}, 2\})$	2475880078570760549798248448
4	$\mathcal{O}(17; \{4^2, 2^{32}\})$	590295810358705651712
4	$\mathcal{O}(17; \{4^4, 2^{29}\})$	2361183241434822606848
4	$\mathcal{O}(17; \{4^6, 2^{26}\})$	9444732965739290427392
4	$\mathcal{O}(17; \{4^8, 2^{23}\})$	37778931862957161709568
4	$\mathcal{O}(17; \{4^{10}, 2^{20}\})$	151115727451828646838272
4	$\mathcal{O}(17; \{4^{12}, 2^{17}\})$	604462909807314587353088
4	$\mathcal{O}(17; \{4^{14}, 2^{14}\})$	2417851639229258349412352
4	$\mathcal{O}(17; \{4^{16}, 2^{11}\})$	9671406556917033397649408
4	$\mathcal{O}(17; \{4^{18}, 2^8\})$	38685626227668133590597632
4	$\mathcal{O}(17; \{4^{20}, 2^5\})$	154742504910672534362390528
4	$\mathcal{O}(17; \{4^{22}, 2^2\})$	618970019642690137449562112
4	$\mathcal{O}(16; \{4^2, 2^{36}\})$	36893488147419103232
4	$\mathcal{O}(16; \{4^4, 2^{33}\})$	147573952589676412928
4	$\mathcal{O}(16; \{4^6, 2^{30}\})$	590295810358705651712
4	$\mathcal{O}(16; \{4^8, 2^{27}\})$	2361183241434822606848
4	$\mathcal{O}(16; \{4^{10}, 2^{24}\})$	9444732965739290427392
4	$\mathcal{O}(16; \{4^{12}, 2^{21}\})$	37778931862957161709568
4	$\mathcal{O}(16; \{4^{14}, 2^{18}\})$	151115727451828646838272
4	$\mathcal{O}(16; \{4^{16}, 2^{15}\})$	604462909807314587353088
4	$\mathcal{O}(16; \{4^{18}, 2^{12}\})$	2417851639229258349412352
4	$\mathcal{O}(16; \{4^{20}, 2^9\})$	9671406556917033397649408
4	$\mathcal{O}(16; \{4^{22}, 2^6\})$	38685626227668133590597632
4	$\mathcal{O}(16; \{4^{24}, 2^3\})$	154742504910672534362390528
4	$\mathcal{O}(16; \{4^{26}\})$	618970019642690137449562112
4	$\mathcal{O}(15; \{4^2, 2^{40}\})$	2305843009213693952
4	$\mathcal{O}(15; \{4^4, 2^{37}\})$	9223372036854775808

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(15; \{4^6, 2^{34}\})$	36893488147419103232
4	$\mathcal{O}(15; \{4^8, 2^{31}\})$	147573952589676412928
4	$\mathcal{O}(15; \{4^{10}, 2^{28}\})$	590295810358705651712
4	$\mathcal{O}(15; \{4^{12}, 2^{25}\})$	2361183241434822606848
4	$\mathcal{O}(15; \{4^{14}, 2^{22}\})$	9444732965739290427392
4	$\mathcal{O}(15; \{4^{16}, 2^{19}\})$	37778931862957161709568
4	$\mathcal{O}(15; \{4^{18}, 2^{16}\})$	151115727451828646838272
4	$\mathcal{O}(15; \{4^{20}, 2^{13}\})$	604462909807314587353088
4	$\mathcal{O}(15; \{4^{22}, 2^{10}\})$	2417851639229258349412352
4	$\mathcal{O}(15; \{4^{24}, 2^7\})$	9671406556917033397649408
4	$\mathcal{O}(15; \{4^{26}, 2^4\})$	38685626227668133590597632
4	$\mathcal{O}(15; \{4^{28}, 2\})$	154742504910672534362390528
4	$\mathcal{O}(14; \{4^2, 2^{44}\})$	144115188075855872
4	$\mathcal{O}(14; \{4^4, 2^{41}\})$	576460752303423488
4	$\mathcal{O}(14; \{4^6, 2^{38}\})$	2305843009213693952
4	$\mathcal{O}(14; \{4^8, 2^{35}\})$	9223372036854775808
4	$\mathcal{O}(14; \{4^{10}, 2^{32}\})$	36893488147419103232
4	$\mathcal{O}(14; \{4^{12}, 2^{29}\})$	147573952589676412928
4	$\mathcal{O}(14; \{4^{14}, 2^{26}\})$	590295810358705651712
4	$\mathcal{O}(14; \{4^{16}, 2^{23}\})$	2361183241434822606848
4	$\mathcal{O}(14; \{4^{18}, 2^{20}\})$	9444732965739290427392
4	$\mathcal{O}(14; \{4^{20}, 2^{17}\})$	37778931862957161709568
4	$\mathcal{O}(14; \{4^{22}, 2^{14}\})$	151115727451828646838272
4	$\mathcal{O}(14; \{4^{24}, 2^{11}\})$	604462909807314587353088
4	$\mathcal{O}(14; \{4^{26}, 2^8\})$	2417851639229258349412352
4	$\mathcal{O}(14; \{4^{28}, 2^5\})$	9671406556917033397649408
4	$\mathcal{O}(14; \{4^{30}, 2^2\})$	38685626227668133590597632
4	$\mathcal{O}(13; \{4^2, 2^{48}\})$	9007199254740992
4	$\mathcal{O}(13; \{4^4, 2^{45}\})$	36028797018963968
4	$\mathcal{O}(13; \{4^6, 2^{42}\})$	144115188075855872
4	$\mathcal{O}(13; \{4^8, 2^{39}\})$	576460752303423488
4	$\mathcal{O}(13; \{4^{10}, 2^{36}\})$	2305843009213693952
4	$\mathcal{O}(13; \{4^{12}, 2^{33}\})$	9223372036854775808
4	$\mathcal{O}(13; \{4^{14}, 2^{30}\})$	36893488147419103232
4	$\mathcal{O}(13; \{4^{16}, 2^{27}\})$	147573952589676412928
4	$\mathcal{O}(13; \{4^{18}, 2^{24}\})$	590295810358705651712
4	$\mathcal{O}(13; \{4^{20}, 2^{21}\})$	2361183241434822606848
4	$\mathcal{O}(13; \{4^{22}, 2^{18}\})$	9444732965739290427392
4	$\mathcal{O}(13; \{4^{24}, 2^{15}\})$	37778931862957161709568
4	$\mathcal{O}(13; \{4^{26}, 2^{12}\})$	151115727451828646838272
4	$\mathcal{O}(13; \{4^{28}, 2^9\})$	604462909807314587353088
4	$\mathcal{O}(13; \{4^{30}, 2^6\})$	2417851639229258349412352
4	$\mathcal{O}(13; \{4^{32}, 2^3\})$	9671406556917033397649408

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(13; \{4^{34}\})$	38685626227668133590597632
4	$\mathcal{O}(12; \{4^2, 2^{52}\})$	562949953421312
4	$\mathcal{O}(12; \{4^4, 2^{49}\})$	2251799813685248
4	$\mathcal{O}(12; \{4^6, 2^{46}\})$	9007199254740992
4	$\mathcal{O}(12; \{4^8, 2^{43}\})$	36028797018963968
4	$\mathcal{O}(12; \{4^{10}, 2^{40}\})$	144115188075855872
4	$\mathcal{O}(12; \{4^{12}, 2^{37}\})$	576460752303423488
4	$\mathcal{O}(12; \{4^{14}, 2^{34}\})$	2305843009213693952
4	$\mathcal{O}(12; \{4^{16}, 2^{31}\})$	9223372036854775808
4	$\mathcal{O}(12; \{4^{18}, 2^{28}\})$	36893488147419103232
4	$\mathcal{O}(12; \{4^{20}, 2^{25}\})$	147573952589676412928
4	$\mathcal{O}(12; \{4^{22}, 2^{22}\})$	590295810358705651712
4	$\mathcal{O}(12; \{4^{24}, 2^{19}\})$	2361183241434822606848
4	$\mathcal{O}(12; \{4^{26}, 2^{16}\})$	9444732965739290427392
4	$\mathcal{O}(12; \{4^{28}, 2^{13}\})$	37778931862957161709568
4	$\mathcal{O}(12; \{4^{30}, 2^{10}\})$	151115727451828646838272
4	$\mathcal{O}(12; \{4^{32}, 2^7\})$	604462909807314587353088
4	$\mathcal{O}(12; \{4^{34}, 2^4\})$	2417851639229258349412352
4	$\mathcal{O}(12; \{4^{36}, 2\})$	9671406556917033397649408
4	$\mathcal{O}(11; \{4^2, 2^{56}\})$	35184372088832
4	$\mathcal{O}(11; \{4^4, 2^{53}\})$	140737488355328
4	$\mathcal{O}(11; \{4^6, 2^{50}\})$	562949953421312
4	$\mathcal{O}(11; \{4^8, 2^{47}\})$	2251799813685248
4	$\mathcal{O}(11; \{4^{10}, 2^{44}\})$	9007199254740992
4	$\mathcal{O}(11; \{4^{12}, 2^{41}\})$	36028797018963968
4	$\mathcal{O}(11; \{4^{14}, 2^{38}\})$	144115188075855872
4	$\mathcal{O}(11; \{4^{16}, 2^{35}\})$	576460752303423488
4	$\mathcal{O}(11; \{4^{18}, 2^{32}\})$	2305843009213693952
4	$\mathcal{O}(11; \{4^{20}, 2^{29}\})$	9223372036854775808
4	$\mathcal{O}(11; \{4^{22}, 2^{26}\})$	36893488147419103232
4	$\mathcal{O}(11; \{4^{24}, 2^{23}\})$	147573952589676412928
4	$\mathcal{O}(11; \{4^{26}, 2^{20}\})$	590295810358705651712
4	$\mathcal{O}(11; \{4^{28}, 2^{17}\})$	2361183241434822606848
4	$\mathcal{O}(11; \{4^{30}, 2^{14}\})$	9444732965739290427392
4	$\mathcal{O}(11; \{4^{32}, 2^{11}\})$	37778931862957161709568
4	$\mathcal{O}(11; \{4^{34}, 2^8\})$	151115727451828646838272
4	$\mathcal{O}(11; \{4^{36}, 2^5\})$	604462909807314587353088
4	$\mathcal{O}(11; \{4^{38}, 2^2\})$	2417851639229258349412352
4	$\mathcal{O}(10; \{4^2, 2^{60}\})$	2199023255552
4	$\mathcal{O}(10; \{4^4, 2^{57}\})$	8796093022208
4	$\mathcal{O}(10; \{4^6, 2^{54}\})$	35184372088832
4	$\mathcal{O}(10; \{4^8, 2^{51}\})$	140737488355328
4	$\mathcal{O}(10; \{4^{10}, 2^{48}\})$	562949953421312

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(10; \{4^{12}, 2^{45}\})$	2251799813685248
4	$\mathcal{O}(10; \{4^{14}, 2^{42}\})$	9007199254740992
4	$\mathcal{O}(10; \{4^{16}, 2^{39}\})$	36028797018963968
4	$\mathcal{O}(10; \{4^{18}, 2^{36}\})$	144115188075855872
4	$\mathcal{O}(10; \{4^{20}, 2^{33}\})$	576460752303423488
4	$\mathcal{O}(10; \{4^{22}, 2^{30}\})$	2305843009213693952
4	$\mathcal{O}(10; \{4^{24}, 2^{27}\})$	9223372036854775808
4	$\mathcal{O}(10; \{4^{26}, 2^{24}\})$	36893488147419103232
4	$\mathcal{O}(10; \{4^{28}, 2^{21}\})$	147573952589676412928
4	$\mathcal{O}(10; \{4^{30}, 2^{18}\})$	590295810358705651712
4	$\mathcal{O}(10; \{4^{32}, 2^{15}\})$	2361183241434822606848
4	$\mathcal{O}(10; \{4^{34}, 2^{12}\})$	9444732965739290427392
4	$\mathcal{O}(10; \{4^{36}, 2^9\})$	37778931862957161709568
4	$\mathcal{O}(10; \{4^{38}, 2^6\})$	151115727451828646838272
4	$\mathcal{O}(10; \{4^{40}, 2^3\})$	604462909807314587353088
4	$\mathcal{O}(10; \{4^{42}\})$	2417851639229258349412352
4	$\mathcal{O}(9; \{4^2, 2^{64}\})$	137438953472
4	$\mathcal{O}(9; \{4^4, 2^{61}\})$	549755813888
4	$\mathcal{O}(9; \{4^6, 2^{58}\})$	2199023255552
4	$\mathcal{O}(9; \{4^8, 2^{55}\})$	8796093022208
4	$\mathcal{O}(9; \{4^{10}, 2^{52}\})$	35184372088832
4	$\mathcal{O}(9; \{4^{12}, 2^{49}\})$	140737488355328
4	$\mathcal{O}(9; \{4^{14}, 2^{46}\})$	562949953421312
4	$\mathcal{O}(9; \{4^{16}, 2^{43}\})$	2251799813685248
4	$\mathcal{O}(9; \{4^{18}, 2^{40}\})$	9007199254740992
4	$\mathcal{O}(9; \{4^{20}, 2^{37}\})$	36028797018963968
4	$\mathcal{O}(9; \{4^{22}, 2^{34}\})$	144115188075855872
4	$\mathcal{O}(9; \{4^{24}, 2^{31}\})$	576460752303423488
4	$\mathcal{O}(9; \{4^{26}, 2^{28}\})$	2305843009213693952
4	$\mathcal{O}(9; \{4^{28}, 2^{25}\})$	9223372036854775808
4	$\mathcal{O}(9; \{4^{30}, 2^{22}\})$	36893488147419103232
4	$\mathcal{O}(9; \{4^{32}, 2^{19}\})$	147573952589676412928
4	$\mathcal{O}(9; \{4^{34}, 2^{16}\})$	590295810358705651712
4	$\mathcal{O}(9; \{4^{36}, 2^{13}\})$	2361183241434822606848
4	$\mathcal{O}(9; \{4^{38}, 2^{10}\})$	9444732965739290427392
4	$\mathcal{O}(9; \{4^{40}, 2^7\})$	37778931862957161709568
4	$\mathcal{O}(9; \{4^{42}, 2^4\})$	151115727451828646838272
4	$\mathcal{O}(9; \{4^{44}, 2\})$	604462909807314587353088
4	$\mathcal{O}(8; \{4^2, 2^{68}\})$	8589934592
4	$\mathcal{O}(8; \{4^4, 2^{65}\})$	34359738368
4	$\mathcal{O}(8; \{4^6, 2^{62}\})$	137438953472
4	$\mathcal{O}(8; \{4^8, 2^{59}\})$	549755813888
4	$\mathcal{O}(8; \{4^{10}, 2^{56}\})$	2199023255552

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(8; \{4^{12}, 2^{53}\})$	8796093022208
4	$\mathcal{O}(8; \{4^{14}, 2^{50}\})$	35184372088832
4	$\mathcal{O}(8; \{4^{16}, 2^{47}\})$	140737488355328
4	$\mathcal{O}(8; \{4^{18}, 2^{44}\})$	562949953421312
4	$\mathcal{O}(8; \{4^{20}, 2^{41}\})$	2251799813685248
4	$\mathcal{O}(8; \{4^{22}, 2^{38}\})$	9007199254740992
4	$\mathcal{O}(8; \{4^{24}, 2^{35}\})$	36028797018963968
4	$\mathcal{O}(8; \{4^{26}, 2^{32}\})$	144115188075855872
4	$\mathcal{O}(8; \{4^{28}, 2^{29}\})$	576460752303423488
4	$\mathcal{O}(8; \{4^{30}, 2^{26}\})$	2305843009213693952
4	$\mathcal{O}(8; \{4^{32}, 2^{23}\})$	9223372036854775808
4	$\mathcal{O}(8; \{4^{34}, 2^{20}\})$	36893488147419103232
4	$\mathcal{O}(8; \{4^{36}, 2^{17}\})$	147573952589676412928
4	$\mathcal{O}(8; \{4^{38}, 2^{14}\})$	590295810358705651712
4	$\mathcal{O}(8; \{4^{40}, 2^{11}\})$	2361183241434822606848
4	$\mathcal{O}(8; \{4^{42}, 2^8\})$	9444732965739290427392
4	$\mathcal{O}(8; \{4^{44}, 2^5\})$	37778931862957161709568
4	$\mathcal{O}(8; \{4^{46}, 2^2\})$	151115727451828646838272
4	$\mathcal{O}(7; \{4^2, 2^{72}\})$	536870912
4	$\mathcal{O}(7; \{4^4, 2^{69}\})$	2147483648
4	$\mathcal{O}(7; \{4^6, 2^{66}\})$	8589934592
4	$\mathcal{O}(7; \{4^8, 2^{63}\})$	34359738368
4	$\mathcal{O}(7; \{4^{10}, 2^{60}\})$	137438953472
4	$\mathcal{O}(7; \{4^{12}, 2^{57}\})$	549755813888
4	$\mathcal{O}(7; \{4^{14}, 2^{54}\})$	2199023255552
4	$\mathcal{O}(7; \{4^{16}, 2^{51}\})$	8796093022208
4	$\mathcal{O}(7; \{4^{18}, 2^{48}\})$	35184372088832
4	$\mathcal{O}(7; \{4^{20}, 2^{45}\})$	140737488355328
4	$\mathcal{O}(7; \{4^{22}, 2^{42}\})$	562949953421312
4	$\mathcal{O}(7; \{4^{24}, 2^{39}\})$	2251799813685248
4	$\mathcal{O}(7; \{4^{26}, 2^{36}\})$	9007199254740992
4	$\mathcal{O}(7; \{4^{28}, 2^{33}\})$	36028797018963968
4	$\mathcal{O}(7; \{4^{30}, 2^{30}\})$	144115188075855872
4	$\mathcal{O}(7; \{4^{32}, 2^{27}\})$	576460752303423488
4	$\mathcal{O}(7; \{4^{34}, 2^{24}\})$	2305843009213693952
4	$\mathcal{O}(7; \{4^{36}, 2^{21}\})$	9223372036854775808
4	$\mathcal{O}(7; \{4^{38}, 2^{18}\})$	36893488147419103232
4	$\mathcal{O}(7; \{4^{40}, 2^{15}\})$	147573952589676412928
4	$\mathcal{O}(7; \{4^{42}, 2^{12}\})$	590295810358705651712
4	$\mathcal{O}(7; \{4^{44}, 2^9\})$	2361183241434822606848
4	$\mathcal{O}(7; \{4^{46}, 2^6\})$	9444732965739290427392
4	$\mathcal{O}(7; \{4^{48}, 2^3\})$	37778931862957161709568
4	$\mathcal{O}(7; \{4^{50}\})$	151115727451828646838272

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(6; \{4^2, 2^{76}\})$	33554432
4	$\mathcal{O}(6; \{4^4, 2^{73}\})$	134217728
4	$\mathcal{O}(6; \{4^6, 2^{70}\})$	536870912
4	$\mathcal{O}(6; \{4^8, 2^{67}\})$	2147483648
4	$\mathcal{O}(6; \{4^{10}, 2^{64}\})$	8589934592
4	$\mathcal{O}(6; \{4^{12}, 2^{61}\})$	34359738368
4	$\mathcal{O}(6; \{4^{14}, 2^{58}\})$	137438953472
4	$\mathcal{O}(6; \{4^{16}, 2^{55}\})$	549755813888
4	$\mathcal{O}(6; \{4^{18}, 2^{52}\})$	2199023255552
4	$\mathcal{O}(6; \{4^{20}, 2^{49}\})$	8796093022208
4	$\mathcal{O}(6; \{4^{22}, 2^{46}\})$	35184372088832
4	$\mathcal{O}(6; \{4^{24}, 2^{43}\})$	140737488355328
4	$\mathcal{O}(6; \{4^{26}, 2^{40}\})$	562949953421312
4	$\mathcal{O}(6; \{4^{28}, 2^{37}\})$	2251799813685248
4	$\mathcal{O}(6; \{4^{30}, 2^{34}\})$	9007199254740992
4	$\mathcal{O}(6; \{4^{32}, 2^{31}\})$	36028797018963968
4	$\mathcal{O}(6; \{4^{34}, 2^{28}\})$	144115188075855872
4	$\mathcal{O}(6; \{4^{36}, 2^{25}\})$	576460752303423488
4	$\mathcal{O}(6; \{4^{38}, 2^{22}\})$	2305843009213693952
4	$\mathcal{O}(6; \{4^{40}, 2^{19}\})$	9223372036854775808
4	$\mathcal{O}(6; \{4^{42}, 2^{16}\})$	36893488147419103232
4	$\mathcal{O}(6; \{4^{44}, 2^{13}\})$	147573952589676412928
4	$\mathcal{O}(6; \{4^{46}, 2^{10}\})$	590295810358705651712
4	$\mathcal{O}(6; \{4^{48}, 2^7\})$	2361183241434822606848
4	$\mathcal{O}(6; \{4^{50}, 2^4\})$	9444732965739290427392
4	$\mathcal{O}(6; \{4^{52}, 2\})$	37778931862957161709568
4	$\mathcal{O}(5; \{4^2, 2^{80}\})$	2097152
4	$\mathcal{O}(5; \{4^4, 2^{77}\})$	8388608
4	$\mathcal{O}(5; \{4^6, 2^{74}\})$	33554432
4	$\mathcal{O}(5; \{4^8, 2^{71}\})$	134217728
4	$\mathcal{O}(5; \{4^{10}, 2^{68}\})$	536870912
4	$\mathcal{O}(5; \{4^{12}, 2^{65}\})$	2147483648
4	$\mathcal{O}(5; \{4^{14}, 2^{62}\})$	8589934592
4	$\mathcal{O}(5; \{4^{16}, 2^{59}\})$	34359738368
4	$\mathcal{O}(5; \{4^{18}, 2^{56}\})$	137438953472
4	$\mathcal{O}(5; \{4^{20}, 2^{53}\})$	549755813888
4	$\mathcal{O}(5; \{4^{22}, 2^{50}\})$	2199023255552
4	$\mathcal{O}(5; \{4^{24}, 2^{47}\})$	8796093022208
4	$\mathcal{O}(5; \{4^{26}, 2^{44}\})$	35184372088832
4	$\mathcal{O}(5; \{4^{28}, 2^{41}\})$	140737488355328
4	$\mathcal{O}(5; \{4^{30}, 2^{38}\})$	562949953421312
4	$\mathcal{O}(5; \{4^{32}, 2^{35}\})$	2251799813685248
4	$\mathcal{O}(5; \{4^{34}, 2^{32}\})$	9007199254740992

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(5; \{4^{36}, 2^{29}\})$	36028797018963968
4	$\mathcal{O}(5; \{4^{38}, 2^{26}\})$	144115188075855872
4	$\mathcal{O}(5; \{4^{40}, 2^{23}\})$	576460752303423488
4	$\mathcal{O}(5; \{4^{42}, 2^{20}\})$	2305843009213693952
4	$\mathcal{O}(5; \{4^{44}, 2^{17}\})$	9223372036854775808
4	$\mathcal{O}(5; \{4^{46}, 2^{14}\})$	36893488147419103232
4	$\mathcal{O}(5; \{4^{48}, 2^{11}\})$	147573952589676412928
4	$\mathcal{O}(5; \{4^{50}, 2^8\})$	590295810358705651712
4	$\mathcal{O}(5; \{4^{52}, 2^5\})$	2361183241434822606848
4	$\mathcal{O}(5; \{4^{54}, 2^2\})$	9444732965739290427392
4	$\mathcal{O}(4; \{4^2, 2^{84}\})$	131072
4	$\mathcal{O}(4; \{4^4, 2^{81}\})$	524288
4	$\mathcal{O}(4; \{4^6, 2^{78}\})$	2097152
4	$\mathcal{O}(4; \{4^8, 2^{75}\})$	8388608
4	$\mathcal{O}(4; \{4^{10}, 2^{72}\})$	33554432
4	$\mathcal{O}(4; \{4^{12}, 2^{69}\})$	134217728
4	$\mathcal{O}(4; \{4^{14}, 2^{66}\})$	536870912
4	$\mathcal{O}(4; \{4^{16}, 2^{63}\})$	2147483648
4	$\mathcal{O}(4; \{4^{18}, 2^{60}\})$	8589934592
4	$\mathcal{O}(4; \{4^{20}, 2^{57}\})$	34359738368
4	$\mathcal{O}(4; \{4^{22}, 2^{54}\})$	137438953472
4	$\mathcal{O}(4; \{4^{24}, 2^{51}\})$	549755813888
4	$\mathcal{O}(4; \{4^{26}, 2^{48}\})$	2199023255552
4	$\mathcal{O}(4; \{4^{28}, 2^{45}\})$	8796093022208
4	$\mathcal{O}(4; \{4^{30}, 2^{42}\})$	35184372088832
4	$\mathcal{O}(4; \{4^{32}, 2^{39}\})$	140737488355328
4	$\mathcal{O}(4; \{4^{34}, 2^{36}\})$	562949953421312
4	$\mathcal{O}(4; \{4^{36}, 2^{33}\})$	2251799813685248
4	$\mathcal{O}(4; \{4^{38}, 2^{30}\})$	9007199254740992
4	$\mathcal{O}(4; \{4^{40}, 2^{27}\})$	36028797018963968
4	$\mathcal{O}(4; \{4^{42}, 2^{24}\})$	144115188075855872
4	$\mathcal{O}(4; \{4^{44}, 2^{21}\})$	576460752303423488
4	$\mathcal{O}(4; \{4^{46}, 2^{18}\})$	2305843009213693952
4	$\mathcal{O}(4; \{4^{48}, 2^{15}\})$	9223372036854775808
4	$\mathcal{O}(4; \{4^{50}, 2^{12}\})$	36893488147419103232
4	$\mathcal{O}(4; \{4^{52}, 2^9\})$	147573952589676412928
4	$\mathcal{O}(4; \{4^{54}, 2^6\})$	590295810358705651712
4	$\mathcal{O}(4; \{4^{56}, 2^3\})$	2361183241434822606848
4	$\mathcal{O}(4; \{4^{58}\})$	9444732965739290427392
4	$\mathcal{O}(3; \{4^2, 2^{88}\})$	8192
4	$\mathcal{O}(3; \{4^4, 2^{85}\})$	32768
4	$\mathcal{O}(3; \{4^6, 2^{82}\})$	131072
4	$\mathcal{O}(3; \{4^8, 2^{79}\})$	524288

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(3; \{4^{10}, 2^{76}\})$	2097152
4	$\mathcal{O}(3; \{4^{12}, 2^{73}\})$	8388608
4	$\mathcal{O}(3; \{4^{14}, 2^{70}\})$	33554432
4	$\mathcal{O}(3; \{4^{16}, 2^{67}\})$	134217728
4	$\mathcal{O}(3; \{4^{18}, 2^{64}\})$	536870912
4	$\mathcal{O}(3; \{4^{20}, 2^{61}\})$	2147483648
4	$\mathcal{O}(3; \{4^{22}, 2^{58}\})$	8589934592
4	$\mathcal{O}(3; \{4^{24}, 2^{55}\})$	34359738368
4	$\mathcal{O}(3; \{4^{26}, 2^{52}\})$	137438953472
4	$\mathcal{O}(3; \{4^{28}, 2^{49}\})$	549755813888
4	$\mathcal{O}(3; \{4^{30}, 2^{46}\})$	2199023255552
4	$\mathcal{O}(3; \{4^{32}, 2^{43}\})$	8796093022208
4	$\mathcal{O}(3; \{4^{34}, 2^{40}\})$	35184372088832
4	$\mathcal{O}(3; \{4^{36}, 2^{37}\})$	140737488355328
4	$\mathcal{O}(3; \{4^{38}, 2^{34}\})$	562949953421312
4	$\mathcal{O}(3; \{4^{40}, 2^{31}\})$	2251799813685248
4	$\mathcal{O}(3; \{4^{42}, 2^{28}\})$	9007199254740992
4	$\mathcal{O}(3; \{4^{44}, 2^{25}\})$	36028797018963968
4	$\mathcal{O}(3; \{4^{46}, 2^{22}\})$	144115188075855872
4	$\mathcal{O}(3; \{4^{48}, 2^{19}\})$	576460752303423488
4	$\mathcal{O}(3; \{4^{50}, 2^{16}\})$	2305843009213693952
4	$\mathcal{O}(3; \{4^{52}, 2^{13}\})$	9223372036854775808
4	$\mathcal{O}(3; \{4^{54}, 2^{10}\})$	36893488147419103232
4	$\mathcal{O}(3; \{4^{56}, 2^7\})$	147573952589676412928
4	$\mathcal{O}(3; \{4^{58}, 2^4\})$	590295810358705651712
4	$\mathcal{O}(3; \{4^{60}, 2\})$	2361183241434822606848
4	$\mathcal{O}(2; \{4^2, 2^{92}\})$	512
4	$\mathcal{O}(2; \{4^4, 2^{89}\})$	2048
4	$\mathcal{O}(2; \{4^6, 2^{86}\})$	8192
4	$\mathcal{O}(2; \{4^8, 2^{83}\})$	32768
4	$\mathcal{O}(2; \{4^{10}, 2^{80}\})$	131072
4	$\mathcal{O}(2; \{4^{12}, 2^{77}\})$	524288
4	$\mathcal{O}(2; \{4^{14}, 2^{74}\})$	2097152
4	$\mathcal{O}(2; \{4^{16}, 2^{71}\})$	8388608
4	$\mathcal{O}(2; \{4^{18}, 2^{68}\})$	33554432
4	$\mathcal{O}(2; \{4^{20}, 2^{65}\})$	134217728
4	$\mathcal{O}(2; \{4^{22}, 2^{62}\})$	536870912
4	$\mathcal{O}(2; \{4^{24}, 2^{59}\})$	2147483648
4	$\mathcal{O}(2; \{4^{26}, 2^{56}\})$	8589934592
4	$\mathcal{O}(2; \{4^{28}, 2^{53}\})$	34359738368
4	$\mathcal{O}(2; \{4^{30}, 2^{50}\})$	137438953472
4	$\mathcal{O}(2; \{4^{32}, 2^{47}\})$	549755813888
4	$\mathcal{O}(2; \{4^{34}, 2^{44}\})$	2199023255552

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(2; \{4^{36}, 2^{41}\})$	8796093022208
4	$\mathcal{O}(2; \{4^{38}, 2^{38}\})$	35184372088832
4	$\mathcal{O}(2; \{4^{40}, 2^{35}\})$	140737488355328
4	$\mathcal{O}(2; \{4^{42}, 2^{32}\})$	562949953421312
4	$\mathcal{O}(2; \{4^{44}, 2^{29}\})$	2251799813685248
4	$\mathcal{O}(2; \{4^{46}, 2^{26}\})$	9007199254740992
4	$\mathcal{O}(2; \{4^{48}, 2^{23}\})$	36028797018963968
4	$\mathcal{O}(2; \{4^{50}, 2^{20}\})$	144115188075855872
4	$\mathcal{O}(2; \{4^{52}, 2^{17}\})$	576460752303423488
4	$\mathcal{O}(2; \{4^{54}, 2^{14}\})$	2305843009213693952
4	$\mathcal{O}(2; \{4^{56}, 2^{11}\})$	9223372036854775808
4	$\mathcal{O}(2; \{4^{58}, 2^8\})$	36893488147419103232
4	$\mathcal{O}(2; \{4^{60}, 2^5\})$	147573952589676412928
4	$\mathcal{O}(2; \{4^{62}, 2^2\})$	590295810358705651712
4	$\mathcal{O}(1; \{4^2, 2^{96}\})$	32
4	$\mathcal{O}(1; \{4^4, 2^{93}\})$	128
4	$\mathcal{O}(1; \{4^6, 2^{90}\})$	512
4	$\mathcal{O}(1; \{4^8, 2^{87}\})$	2048
4	$\mathcal{O}(1; \{4^{10}, 2^{84}\})$	8192
4	$\mathcal{O}(1; \{4^{12}, 2^{81}\})$	32768
4	$\mathcal{O}(1; \{4^{14}, 2^{78}\})$	131072
4	$\mathcal{O}(1; \{4^{16}, 2^{75}\})$	524288
4	$\mathcal{O}(1; \{4^{18}, 2^{72}\})$	2097152
4	$\mathcal{O}(1; \{4^{20}, 2^{69}\})$	8388608
4	$\mathcal{O}(1; \{4^{22}, 2^{66}\})$	33554432
4	$\mathcal{O}(1; \{4^{24}, 2^{63}\})$	134217728
4	$\mathcal{O}(1; \{4^{26}, 2^{60}\})$	536870912
4	$\mathcal{O}(1; \{4^{28}, 2^{57}\})$	2147483648
4	$\mathcal{O}(1; \{4^{30}, 2^{54}\})$	8589934592
4	$\mathcal{O}(1; \{4^{32}, 2^{51}\})$	34359738368
4	$\mathcal{O}(1; \{4^{34}, 2^{48}\})$	137438953472
4	$\mathcal{O}(1; \{4^{36}, 2^{45}\})$	549755813888
4	$\mathcal{O}(1; \{4^{38}, 2^{42}\})$	2199023255552
4	$\mathcal{O}(1; \{4^{40}, 2^{39}\})$	8796093022208
4	$\mathcal{O}(1; \{4^{42}, 2^{36}\})$	35184372088832
4	$\mathcal{O}(1; \{4^{44}, 2^{33}\})$	140737488355328
4	$\mathcal{O}(1; \{4^{46}, 2^{30}\})$	562949953421312
4	$\mathcal{O}(1; \{4^{48}, 2^{27}\})$	2251799813685248
4	$\mathcal{O}(1; \{4^{50}, 2^{24}\})$	9007199254740992
4	$\mathcal{O}(1; \{4^{52}, 2^{21}\})$	36028797018963968
4	$\mathcal{O}(1; \{4^{54}, 2^{18}\})$	144115188075855872
4	$\mathcal{O}(1; \{4^{56}, 2^{15}\})$	576460752303423488
4	$\mathcal{O}(1; \{4^{58}, 2^{12}\})$	2305843009213693952

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(1; \{4^{60}, 2^9\})$	9223372036854775808
4	$\mathcal{O}(1; \{4^{62}, 2^6\})$	36893488147419103232
4	$\mathcal{O}(1; \{4^{64}, 2^3\})$	147573952589676412928
4	$\mathcal{O}(1; \{4^{66}\})$	590295810358705651712
4	$\mathcal{O}(0; \{4^2, 2^{100}\})$	2
4	$\mathcal{O}(0; \{4^4, 2^{97}\})$	8
4	$\mathcal{O}(0; \{4^6, 2^{94}\})$	32
4	$\mathcal{O}(0; \{4^8, 2^{91}\})$	128
4	$\mathcal{O}(0; \{4^{10}, 2^{88}\})$	512
4	$\mathcal{O}(0; \{4^{12}, 2^{85}\})$	2048
4	$\mathcal{O}(0; \{4^{14}, 2^{82}\})$	8192
4	$\mathcal{O}(0; \{4^{16}, 2^{79}\})$	32768
4	$\mathcal{O}(0; \{4^{18}, 2^{76}\})$	131072
4	$\mathcal{O}(0; \{4^{20}, 2^{73}\})$	524288
4	$\mathcal{O}(0; \{4^{22}, 2^{70}\})$	2097152
4	$\mathcal{O}(0; \{4^{24}, 2^{67}\})$	8388608
4	$\mathcal{O}(0; \{4^{26}, 2^{64}\})$	33554432
4	$\mathcal{O}(0; \{4^{28}, 2^{61}\})$	134217728
4	$\mathcal{O}(0; \{4^{30}, 2^{58}\})$	536870912
4	$\mathcal{O}(0; \{4^{32}, 2^{55}\})$	2147483648
4	$\mathcal{O}(0; \{4^{34}, 2^{52}\})$	8589934592
4	$\mathcal{O}(0; \{4^{36}, 2^{49}\})$	34359738368
4	$\mathcal{O}(0; \{4^{38}, 2^{46}\})$	137438953472
4	$\mathcal{O}(0; \{4^{40}, 2^{43}\})$	549755813888
4	$\mathcal{O}(0; \{4^{42}, 2^{40}\})$	2199023255552
4	$\mathcal{O}(0; \{4^{44}, 2^{37}\})$	8796093022208
4	$\mathcal{O}(0; \{4^{46}, 2^{34}\})$	35184372088832
4	$\mathcal{O}(0; \{4^{48}, 2^{31}\})$	140737488355328
4	$\mathcal{O}(0; \{4^{50}, 2^{28}\})$	562949953421312
4	$\mathcal{O}(0; \{4^{52}, 2^{25}\})$	2251799813685248
4	$\mathcal{O}(0; \{4^{54}, 2^{22}\})$	9007199254740992
4	$\mathcal{O}(0; \{4^{56}, 2^{19}\})$	36028797018963968
4	$\mathcal{O}(0; \{4^{58}, 2^{16}\})$	144115188075855872
4	$\mathcal{O}(0; \{4^{60}, 2^{13}\})$	576460752303423488
4	$\mathcal{O}(0; \{4^{62}, 2^{10}\})$	2305843009213693952
4	$\mathcal{O}(0; \{4^{64}, 2^7\})$	9223372036854775808
4	$\mathcal{O}(0; \{4^{66}, 2^4\})$	36893488147419103232
4	$\mathcal{O}(0; \{4^{68}, 2\})$	147573952589676412928
5	$\mathcal{O}(20; \{5^2\})$	36379788070917129516601562500
5	$\mathcal{O}(18; \{5^7\})$	47672074288129806518554687500
5	$\mathcal{O}(16; \{5^{12}\})$	78125018626451492309570312500
5	$\mathcal{O}(14; \{5^{17}\})$	127999999970197677612304687500
5	$\mathcal{O}(12; \{5^{22}\})$	209715200000047683715820312500

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
5	$\mathcal{O}(10; \{5^{27}\})$	343597383679999923706054687500
5	$\mathcal{O}(8; \{5^{32}\})$	562949953421312000122070312500
5	$\mathcal{O}(6; \{5^{37}\})$	922337203685477580799804687500
5	$\mathcal{O}(4; \{5^{42}\})$	1511157274518286468382720312500
5	$\mathcal{O}(2; \{5^{47}\})$	2475880078570760549798248447500
5	$\mathcal{O}(0; \{5^{52}\})$	4056481920730334084789450257204
6	$\mathcal{O}(17; \{2^2\})$	286511799958070414658240512
6	$\mathcal{O}(16; \{2^6\})$	7958661109946396589424640
6	$\mathcal{O}(16; \{3^3, 2^2\})$	15917322219892801768783872
6	$\mathcal{O}(16; \{6, 3, 2^3\})$	15917322219892801768783872
6	$\mathcal{O}(16; \{6^2, 3^2\})$	47751966659678405306351616
6	$\mathcal{O}(16; \{6^3, 2\})$	15917322219892801768783872
6	$\mathcal{O}(15; \{2^{10}\})$	221073919720732284157952
6	$\mathcal{O}(15; \{3^3, 2^6\})$	442147839441466715799552
6	$\mathcal{O}(15; \{3^6, 2^2\})$	4863626233856133873795072
6	$\mathcal{O}(15; \{6, 3, 2^7\})$	442147839441466715799552
6	$\mathcal{O}(15; \{6, 3^4, 2^3\})$	2210739197207333578997760
6	$\mathcal{O}(15; \{6^2, 3^2, 2^4\})$	1326443518324400147398656
6	$\mathcal{O}(15; \{6^2, 3^5\})$	9285104628270801031790592
6	$\mathcal{O}(15; \{6^3, 2^5\})$	442147839441466715799552
6	$\mathcal{O}(15; \{6^3, 3^3, 2\})$	4863626233856133873795072
6	$\mathcal{O}(15; \{6^4, 3, 2^2\})$	2210739197207333578997760
6	$\mathcal{O}(15; \{6^6\})$	4863626233856133873795072
6	$\mathcal{O}(14; \{2^{14}\})$	6140942214464547061760
6	$\mathcal{O}(14; \{3^3, 2^{10}\})$	12281884428929630994432
6	$\mathcal{O}(14; \{3^6, 2^6\})$	135100728718225940938752
6	$\mathcal{O}(14; \{3^9, 2^2\})$	1043960176459018634526720
6	$\mathcal{O}(14; \{6, 3, 2^{11}\})$	12281884428929630994432
6	$\mathcal{O}(14; \{6, 3^4, 2^7\})$	61409422144648154972160
6	$\mathcal{O}(14; \{6, 3^7, 2^3\})$	528121030443974132760576
6	$\mathcal{O}(14; \{6^2, 3^2, 2^8\})$	36845653286788892983296
6	$\mathcal{O}(14; \{6^2, 3^5, 2^4\})$	257919573007522250883072
6	$\mathcal{O}(14; \{6^2, 3^8\})$	2100202237346966900047872
6	$\mathcal{O}(14; \{6^3, 2^9\})$	12281884428929630994432
6	$\mathcal{O}(14; \{6^3, 3^3, 2^5\})$	135100728718225940938752
6	$\mathcal{O}(14; \{6^3, 3^6, 2\})$	1043960176459018634526720
6	$\mathcal{O}(14; \{6^4, 3, 2^6\})$	61409422144648154972160
6	$\mathcal{O}(14; \{6^4, 3^4, 2^2\})$	528121030443974132760576
6	$\mathcal{O}(14; \{6^5, 3^2, 2^3\})$	257919573007522250883072
6	$\mathcal{O}(14; \{6^6, 2^4\})$	135100728718225940938752
6	$\mathcal{O}(14; \{6^6, 3^3\})$	1043960176459018634526720
6	$\mathcal{O}(14; \{6^7, 3, 2\})$	528121030443974132760576
6	$\mathcal{O}(13; \{2^{18}\})$	170581728179511099392

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(13; \{3^3, 2^{14}\})$	341163456359156416512
6	$\mathcal{O}(13; \{3^6, 2^{10}\})$	3752798019950720581632
6	$\mathcal{O}(13; \{3^9, 2^6\})$	28998893790528295403520
6	$\mathcal{O}(13; \{3^{12}, 2^2\})$	233014640693303832477696
6	$\mathcal{O}(13; \{6, 3, 2^{15}\})$	341163456359156416512
6	$\mathcal{O}(13; \{6, 3^4, 2^{11}\})$	1705817281795782082560
6	$\mathcal{O}(13; \{6, 3^7, 2^7\})$	14670028623443725910016
6	$\mathcal{O}(13; \{6, 3^{10}, 2^3\})$	116336738618472338030592
6	$\mathcal{O}(13; \{6^2, 3^2, 2^{12}\})$	1023490369077469249536
6	$\mathcal{O}(13; \{6^2, 3^5, 2^8\})$	7164432583542284746752
6	$\mathcal{O}(13; \{6^2, 3^8, 2^4\})$	58338951037415747223552
6	$\mathcal{O}(13; \{6^2, 3^{11}\})$	465688117930248508538880
6	$\mathcal{O}(13; \{6^3, 2^{13}\})$	341163456359156416512
6	$\mathcal{O}(13; \{6^3, 3^3, 2^9\})$	3752798019950720581632
6	$\mathcal{O}(13; \{6^3, 3^6, 2^5\})$	28998893790528295403520
6	$\mathcal{O}(13; \{6^3, 3^9, 2\})$	233014640693303832477696
6	$\mathcal{O}(13; \{6^4, 3, 2^{10}\})$	1705817281795782082560
6	$\mathcal{O}(13; \{6^4, 3^4, 2^6\})$	14670028623443725910016
6	$\mathcal{O}(13; \{6^4, 3^7, 2^2\})$	116336738618472338030592
6	$\mathcal{O}(13; \{6^5, 3^2, 2^7\})$	7164432583542284746752
6	$\mathcal{O}(13; \{6^5, 3^5, 2^3\})$	58338951037415747223552
6	$\mathcal{O}(13; \{6^6, 2^8\})$	3752798019950720581632
6	$\mathcal{O}(13; \{6^6, 3^3, 2^4\})$	28998893790528295403520
6	$\mathcal{O}(13; \{6^6, 3^6\})$	233014640693303832477696
6	$\mathcal{O}(13; \{6^7, 3, 2^5\})$	14670028623443725910016
6	$\mathcal{O}(13; \{6^7, 3^4, 2\})$	116336738618472338030592
6	$\mathcal{O}(13; \{6^8, 3^2, 2^2\})$	58338951037415747223552
6	$\mathcal{O}(13; \{6^9, 2^3\})$	28998893790528295403520
6	$\mathcal{O}(13; \{6^{10}, 3\})$	116336738618472338030592
6	$\mathcal{O}(12; \{2^{22}\})$	4738381338304839680
6	$\mathcal{O}(12; \{3^3, 2^{18}\})$	9476762676643233792
6	$\mathcal{O}(12; \{3^6, 2^{14}\})$	104244389443075571712
6	$\mathcal{O}(12; \{3^9, 2^{10}\})$	805524827514674872320
6	$\mathcal{O}(12; \{3^{12}, 2^6\})$	6472628908147328679936
6	$\mathcal{O}(12; \{3^{15}, 2^2\})$	51752600977148699738112
6	$\mathcal{O}(12; \{6, 3, 2^{19}\})$	9476762676643233792
6	$\mathcal{O}(12; \{6, 3^4, 2^{15}\})$	47383813383216168960
6	$\mathcal{O}(12; \{6, 3^7, 2^{11}\})$	407500795095659053056
6	$\mathcal{O}(12; \{6, 3^{10}, 2^7\})$	3231576072735342723072
6	$\mathcal{O}(12; \{6, 3^{13}, 2^3\})$	25881038869912671485952
6	$\mathcal{O}(12; \{6^2, 3^2, 2^{16}\})$	28430288029929701376
6	$\mathcal{O}(12; \{6^2, 3^5, 2^{12}\})$	199012016209507909632
6	$\mathcal{O}(12; \{6^2, 3^8, 2^8\})$	1620526417705992978432

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(12; \{6^2, 3^{11}, 2^4\})$	12935781053618014126080
6	$\mathcal{O}(12; \{6^2, 3^{14}\})$	103514678716974042710016
6	$\mathcal{O}(12; \{6^3, 2^{17}\})$	9476762676643233792
6	$\mathcal{O}(12; \{6^3, 3^3, 2^{13}\})$	104244389443075571712
6	$\mathcal{O}(12; \{6^3, 3^6, 2^9\})$	805524827514674872320
6	$\mathcal{O}(12; \{6^3, 3^9, 2^5\})$	6472628908147328679936
6	$\mathcal{O}(12; \{6^3, 3^{12}, 2\})$	51752600977148699738112
6	$\mathcal{O}(12; \{6^4, 3, 2^{14}\})$	47383813383216168960
6	$\mathcal{O}(12; \{6^4, 3^4, 2^{10}\})$	407500795095659053056
6	$\mathcal{O}(12; \{6^4, 3^7, 2^6\})$	3231576072735342723072
6	$\mathcal{O}(12; \{6^4, 3^{10}, 2^2\})$	25881038869912671485952
6	$\mathcal{O}(12; \{6^5, 3^2, 2^{11}\})$	199012016209507909632
6	$\mathcal{O}(12; \{6^5, 3^5, 2^7\})$	1620526417705992978432
6	$\mathcal{O}(12; \{6^5, 3^8, 2^3\})$	12935781053618014126080
6	$\mathcal{O}(12; \{6^6, 2^{12}\})$	104244389443075571712
6	$\mathcal{O}(12; \{6^6, 3^3, 2^8\})$	805524827514674872320
6	$\mathcal{O}(12; \{6^6, 3^6, 2^4\})$	6472628908147328679936
6	$\mathcal{O}(12; \{6^6, 3^9\})$	51752600977148699738112
6	$\mathcal{O}(12; \{6^7, 3, 2^9\})$	407500795095659053056
6	$\mathcal{O}(12; \{6^7, 3^4, 2^5\})$	3231576072735342723072
6	$\mathcal{O}(12; \{6^7, 3^7, 2\})$	25881038869912671485952
6	$\mathcal{O}(12; \{6^8, 3^2, 2^6\})$	1620526417705992978432
6	$\mathcal{O}(12; \{6^8, 3^5, 2^2\})$	12935781053618014126080
6	$\mathcal{O}(12; \{6^9, 2^7\})$	805524827514674872320
6	$\mathcal{O}(12; \{6^9, 3^3, 2^3\})$	6472628908147328679936
6	$\mathcal{O}(12; \{6^{10}, 3, 2^4\})$	3231576072735342723072
6	$\mathcal{O}(12; \{6^{10}, 3^4\})$	25881038869912671485952
6	$\mathcal{O}(12; \{6^{11}, 3^2, 2\})$	12935781053618014126080
6	$\mathcal{O}(12; \{6^{12}, 2^2\})$	6472628908147328679936
6	$\mathcal{O}(11; \{2^{26}\})$	131621703838072832
6	$\mathcal{O}(11; \{3^3, 2^{22}\})$	263243407684534272
6	$\mathcal{O}(11; \{3^6, 2^{18}\})$	2895677484529876992
6	$\mathcal{O}(11; \{3^9, 2^{14}\})$	22375689653185413120
6	$\mathcal{O}(11; \{3^{12}, 2^{10}\})$	179795247448536907776
6	$\mathcal{O}(11; \{3^{15}, 2^6\})$	1437572249365241659392
6	$\mathcal{O}(11; \{3^{18}, 2^2\})$	11501367725144986877952
6	$\mathcal{O}(11; \{6, 3, 2^{23}\})$	263243407684534272
6	$\mathcal{O}(11; \{6, 3^4, 2^{19}\})$	1316217038422671360
6	$\mathcal{O}(11; \{6, 3^7, 2^{15}\})$	11319466530434973696
6	$\mathcal{O}(11; \{6, 3^{10}, 2^{11}\})$	89766002020426186752
6	$\mathcal{O}(11; \{6, 3^{13}, 2^7\})$	718917746386463096832
6	$\mathcal{O}(11; \{6, 3^{16}, 2^3\})$	5750552240868651171840
6	$\mathcal{O}(11; \{6^2, 3^2, 2^{20}\})$	789730223053602816

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(11; \{6^2, 3^5, 2^{16}\})$	5528111561375219712
6	$\mathcal{O}(11; \{6^2, 3^8, 2^{12}\})$	45014622714055360512
6	$\mathcal{O}(11; \{6^2, 3^{11}, 2^8\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^2, 3^{14}, 2^4\})$	2875407742138167853056
6	$\mathcal{O}(11; \{6^2, 3^{17}\})$	23002472206882289221632
6	$\mathcal{O}(11; \{6^3, 2^{21}\})$	263243407684534272
6	$\mathcal{O}(11; \{6^3, 3^3, 2^{17}\})$	2895677484529876992
6	$\mathcal{O}(11; \{6^3, 3^6, 2^{13}\})$	22375689653185413120
6	$\mathcal{O}(11; \{6^3, 3^9, 2^9\})$	179795247448536907776
6	$\mathcal{O}(11; \{6^3, 3^{12}, 2^5\})$	1437572249365241659392
6	$\mathcal{O}(11; \{6^3, 3^{15}, 2\})$	11501367725144986877952
6	$\mathcal{O}(11; \{6^4, 3, 2^{18}\})$	1316217038422671360
6	$\mathcal{O}(11; \{6^4, 3^4, 2^{14}\})$	11319466530434973696
6	$\mathcal{O}(11; \{6^4, 3^7, 2^{10}\})$	89766002020426186752
6	$\mathcal{O}(11; \{6^4, 3^{10}, 2^6\})$	718917746386463096832
6	$\mathcal{O}(11; \{6^4, 3^{13}, 2^2\})$	5750552240868651171840
6	$\mathcal{O}(11; \{6^5, 3^2, 2^{15}\})$	5528111561375219712
6	$\mathcal{O}(11; \{6^5, 3^5, 2^{11}\})$	45014622714055360512
6	$\mathcal{O}(11; \{6^5, 3^8, 2^7\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^5, 3^{11}, 2^3\})$	2875407742138167853056
6	$\mathcal{O}(11; \{6^6, 2^{16}\})$	2895677484529876992
6	$\mathcal{O}(11; \{6^6, 3^3, 2^{12}\})$	22375689653185413120
6	$\mathcal{O}(11; \{6^6, 3^6, 2^8\})$	179795247448536907776
6	$\mathcal{O}(11; \{6^6, 3^9, 2^4\})$	1437572249365241659392
6	$\mathcal{O}(11; \{6^6, 3^{12}\})$	11501367725144986877952
6	$\mathcal{O}(11; \{6^7, 3, 2^{13}\})$	11319466530434973696
6	$\mathcal{O}(11; \{6^7, 3^4, 2^9\})$	89766002020426186752
6	$\mathcal{O}(11; \{6^7, 3^7, 2^5\})$	718917746386463096832
6	$\mathcal{O}(11; \{6^7, 3^{10}, 2\})$	5750552240868651171840
6	$\mathcal{O}(11; \{6^8, 3^2, 2^{10}\})$	45014622714055360512
6	$\mathcal{O}(11; \{6^8, 3^5, 2^6\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^8, 3^8, 2^2\})$	2875407742138167853056
6	$\mathcal{O}(11; \{6^9, 2^{11}\})$	22375689653185413120
6	$\mathcal{O}(11; \{6^9, 3^3, 2^7\})$	179795247448536907776
6	$\mathcal{O}(11; \{6^9, 3^6, 2^3\})$	1437572249365241659392
6	$\mathcal{O}(11; \{6^{10}, 3, 2^8\})$	89766002020426186752
6	$\mathcal{O}(11; \{6^{10}, 3^4, 2^4\})$	718917746386463096832
6	$\mathcal{O}(11; \{6^{10}, 3^7\})$	5750552240868651171840
6	$\mathcal{O}(11; \{6^{11}, 3^2, 2^5\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^{11}, 3^5, 2\})$	2875407742138167853056
6	$\mathcal{O}(11; \{6^{12}, 2^6\})$	179795247448536907776
6	$\mathcal{O}(11; \{6^{12}, 3^3, 2^2\})$	1437572249365241659392
6	$\mathcal{O}(11; \{6^{13}, 3, 2^3\})$	718917746386463096832

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(11; \{6^{14}, 3^{21}\})$	2875407742138167853056
6	$\mathcal{O}(11; \{6^{15}, 2\})$	1437572249365241659392
6	$\mathcal{O}(10; \{2^{30}\})$	3656158439014400
6	$\mathcal{O}(10; \{3^3, 2^{26}\})$	7312316880125952
6	$\mathcal{O}(10; \{3^6, 2^{22}\})$	80435485681385472
6	$\mathcal{O}(10; \{3^9, 2^{18}\})$	621546934810705920
6	$\mathcal{O}(10; \{3^{12}, 2^{14}\})$	4994312429126025216
6	$\mathcal{O}(10; \{3^{15}, 2^{10}\})$	39932562482367823872
6	$\mathcal{O}(10; \{3^{18}, 2^6\})$	319482436809582968832
6	$\mathcal{O}(10; \{3^{21}, 2^2\})$	2555837557526023372800
6	$\mathcal{O}(10; \{6, 3, 2^{27}\})$	7312316880125952
6	$\mathcal{O}(10; \{6, 3^4, 2^{23}\})$	36561584400629760
6	$\mathcal{O}(10; \{6, 3^7, 2^{19}\})$	314429625845415936
6	$\mathcal{O}(10; \{6, 3^{10}, 2^{15}\})$	2493500056122949632
6	$\mathcal{O}(10; \{6, 3^{13}, 2^{11}\})$	19969937399623974912
6	$\mathcal{O}(10; \{6, 3^{16}, 2^7\})$	159737562246351421440
6	$\mathcal{O}(10; \{6, 3^{19}, 2^3\})$	1277922434921451749376
6	$\mathcal{O}(10; \{6^2, 3^2, 2^{24}\})$	21936950640377856
6	$\mathcal{O}(10; \{6^2, 3^5, 2^{20}\})$	153558654482644992
6	$\mathcal{O}(10; \{6^2, 3^8, 2^{16}\})$	1250406186501537792
6	$\mathcal{O}(10; \{6^2, 3^{11}, 2^{12}\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^2, 3^{14}, 2^8\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^2, 3^{17}, 2^4\})$	638957561302285811712
6	$\mathcal{O}(10; \{6^2, 3^{20}\})$	5111682427368926871552
6	$\mathcal{O}(10; \{6^3, 2^{25}\})$	7312316880125952
6	$\mathcal{O}(10; \{6^3, 3^3, 2^{21}\})$	80435485681385472
6	$\mathcal{O}(10; \{6^3, 3^6, 2^{17}\})$	621546934810705920
6	$\mathcal{O}(10; \{6^3, 3^9, 2^{13}\})$	4994312429126025216
6	$\mathcal{O}(10; \{6^3, 3^{12}, 2^9\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^3, 3^{15}, 2^5\})$	319482436809582968832
6	$\mathcal{O}(10; \{6^3, 3^{18}, 2\})$	2555837557526023372800
6	$\mathcal{O}(10; \{6^4, 3, 2^{22}\})$	36561584400629760
6	$\mathcal{O}(10; \{6^4, 3^4, 2^{18}\})$	314429625845415936
6	$\mathcal{O}(10; \{6^4, 3^7, 2^{14}\})$	2493500056122949632
6	$\mathcal{O}(10; \{6^4, 3^{10}, 2^{10}\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^4, 3^{13}, 2^6\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^4, 3^{16}, 2^2\})$	1277922434921451749376
6	$\mathcal{O}(10; \{6^5, 3^2, 2^{19}\})$	153558654482644992
6	$\mathcal{O}(10; \{6^5, 3^5, 2^{15}\})$	1250406186501537792
6	$\mathcal{O}(10; \{6^5, 3^8, 2^{11}\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^5, 3^{11}, 2^7\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^5, 3^{14}, 2^3\})$	638957561302285811712
6	$\mathcal{O}(10; \{6^6, 2^{20}\})$	80435485681385472

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(10; \{6^6, 3^3, 2^{16}\})$	621546934810705920
6	$\mathcal{O}(10; \{6^6, 3^6, 2^{12}\})$	4994312429126025216
6	$\mathcal{O}(10; \{6^6, 3^9, 2^8\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^6, 3^{12}, 2^4\})$	319482436809582968832
6	$\mathcal{O}(10; \{6^6, 3^{15}\})$	2555837557526023372800
6	$\mathcal{O}(10; \{6^7, 3, 2^{17}\})$	314429625845415936
6	$\mathcal{O}(10; \{6^7, 3^4, 2^{13}\})$	2493500056122949632
6	$\mathcal{O}(10; \{6^7, 3^7, 2^9\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^7, 3^{10}, 2^5\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^7, 3^{13}, 2\})$	1277922434921451749376
6	$\mathcal{O}(10; \{6^8, 3^2, 2^{14}\})$	1250406186501537792
6	$\mathcal{O}(10; \{6^8, 3^5, 2^{10}\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^8, 3^8, 2^6\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^8, 3^{11}, 2^2\})$	638957561302285811712
6	$\mathcal{O}(10; \{6^9, 2^{15}\})$	621546934810705920
6	$\mathcal{O}(10; \{6^9, 3^3, 2^{11}\})$	4994312429126025216
6	$\mathcal{O}(10; \{6^9, 3^6, 2^7\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^9, 3^9, 2^3\})$	319482436809582968832
6	$\mathcal{O}(10; \{6^{10}, 3, 2^{12}\})$	2493500056122949632
6	$\mathcal{O}(10; \{6^{10}, 3^4, 2^8\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^{10}, 3^7, 2^4\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^{10}, 3^{10}\})$	1277922434921451749376
6	$\mathcal{O}(10; \{6^{11}, 3^2, 2^9\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^{11}, 3^5, 2^5\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^{11}, 3^8, 2\})$	638957561302285811712
6	$\mathcal{O}(10; \{6^{12}, 2^{10}\})$	4994312429126025216
6	$\mathcal{O}(10; \{6^{12}, 3^3, 2^6\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^{12}, 3^6, 2^2\})$	319482436809582968832
6	$\mathcal{O}(10; \{6^{13}, 3, 2^7\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^{13}, 3^4, 2^3\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^{14}, 3^2, 2^4\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^{14}, 3^5\})$	638957561302285811712
6	$\mathcal{O}(10; \{6^{15}, 2^5\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^{15}, 3^3, 2\})$	319482436809582968832
6	$\mathcal{O}(10; \{6^{16}, 3, 2^2\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^{18}\})$	319482436809582968832
6	$\mathcal{O}(9; \{2^{34}\})$	101559956406272
6	$\mathcal{O}(9; \{3^3, 2^{30}\})$	203119913336832
6	$\mathcal{O}(9; \{3^6, 2^{26}\})$	2234319046705152
6	$\mathcal{O}(9; \{3^9, 2^{22}\})$	17265192633630720
6	$\mathcal{O}(9; \{3^{12}, 2^{18}\})$	138730900809056256
6	$\mathcal{O}(9; \{3^{15}, 2^{14}\})$	1109237846732439552
6	$\mathcal{O}(9; \{3^{18}, 2^{10}\})$	8874512133599526912

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(9; \{3^{21}, 2^6\})$	70995487709056204800
6	$\mathcal{O}(9; \{3^{24}, 2^2\})$	567964511032189648896
6	$\mathcal{O}(9; \{6, 3, 2^{31}\})$	203119913336832
6	$\mathcal{O}(9; \{6, 3^4, 2^{27}\})$	1015599566684160
6	$\mathcal{O}(9; \{6, 3^7, 2^{23}\})$	8734156273483776
6	$\mathcal{O}(9; \{6, 3^{10}, 2^{19}\})$	69263890447859712
6	$\mathcal{O}(9; \{6, 3^{13}, 2^{15}\})$	554720483322888192
6	$\mathcal{O}(9; \{6, 3^{16}, 2^{11}\})$	4437154506843095040
6	$\mathcal{O}(9; \{6, 3^{19}, 2^7\})$	35497845414484770816
6	$\mathcal{O}(9; \{6, 3^{22}, 2^3\})$	283982153956138156032
6	$\mathcal{O}(9; \{6^2, 3^2, 2^{28}\})$	609359740010496
6	$\mathcal{O}(9; \{6^2, 3^5, 2^{24}\})$	4265518180073472
6	$\mathcal{O}(9; \{6^2, 3^8, 2^{20}\})$	34733505180598272
6	$\mathcal{O}(9; \{6^2, 3^{11}, 2^{16}\})$	277258681704775680
6	$\mathcal{O}(9; \{6^2, 3^{14}, 2^{12}\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^2, 3^{17}, 2^8\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^2, 3^{20}, 2^4\})$	141991178538025746432
6	$\mathcal{O}(9; \{6^2, 3^{23}\})$	1135928818944465960960
6	$\mathcal{O}(9; \{6^3, 2^{29}\})$	203119913336832
6	$\mathcal{O}(9; \{6^3, 3^3, 2^{25}\})$	2234319046705152
6	$\mathcal{O}(9; \{6^3, 3^6, 2^{21}\})$	17265192633630720
6	$\mathcal{O}(9; \{6^3, 3^9, 2^{17}\})$	138730900809056256
6	$\mathcal{O}(9; \{6^3, 3^{12}, 2^{13}\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^3, 3^{15}, 2^9\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^3, 3^{18}, 2^5\})$	70995487709056204800
6	$\mathcal{O}(9; \{6^3, 3^{21}, 2\})$	567964511032189648896
6	$\mathcal{O}(9; \{6^4, 3, 2^{26}\})$	1015599566684160
6	$\mathcal{O}(9; \{6^4, 3^4, 2^{22}\})$	8734156273483776
6	$\mathcal{O}(9; \{6^4, 3^7, 2^{18}\})$	69263890447859712
6	$\mathcal{O}(9; \{6^4, 3^{10}, 2^{14}\})$	554720483322888192
6	$\mathcal{O}(9; \{6^4, 3^{13}, 2^{10}\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^4, 3^{16}, 2^6\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^4, 3^{19}, 2^2\})$	283982153956138156032
6	$\mathcal{O}(9; \{6^5, 3^2, 2^{23}\})$	4265518180073472
6	$\mathcal{O}(9; \{6^5, 3^5, 2^{19}\})$	34733505180598272
6	$\mathcal{O}(9; \{6^5, 3^8, 2^{15}\})$	277258681704775680
6	$\mathcal{O}(9; \{6^5, 3^{11}, 2^{11}\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^5, 3^{14}, 2^7\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^5, 3^{17}, 2^3\})$	141991178538025746432
6	$\mathcal{O}(9; \{6^6, 2^{24}\})$	2234319046705152
6	$\mathcal{O}(9; \{6^6, 3^3, 2^{20}\})$	17265192633630720
6	$\mathcal{O}(9; \{6^6, 3^6, 2^{16}\})$	138730900809056256
6	$\mathcal{O}(9; \{6^6, 3^9, 2^{12}\})$	1109237846732439552

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(9; \{6^6, 3^{12}, 2^8\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^6, 3^{15}, 2^4\})$	70995487709056204800
6	$\mathcal{O}(9; \{6^6, 3^{18}\})$	567964511032189648896
6	$\mathcal{O}(9; \{6^7, 3, 2^{21}\})$	8734156273483776
6	$\mathcal{O}(9; \{6^7, 3^4, 2^{17}\})$	69263890447859712
6	$\mathcal{O}(9; \{6^7, 3^7, 2^{13}\})$	554720483322888192
6	$\mathcal{O}(9; \{6^7, 3^{10}, 2^9\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^7, 3^{13}, 2^5\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^7, 3^{16}, 2\})$	283982153956138156032
6	$\mathcal{O}(9; \{6^8, 3^2, 2^{18}\})$	34733505180598272
6	$\mathcal{O}(9; \{6^8, 3^5, 2^{14}\})$	277258681704775680
6	$\mathcal{O}(9; \{6^8, 3^8, 2^{10}\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^8, 3^{11}, 2^6\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^8, 3^{14}, 2^2\})$	141991178538025746432
6	$\mathcal{O}(9; \{6^9, 2^{19}\})$	17265192633630720
6	$\mathcal{O}(9; \{6^9, 3^3, 2^{15}\})$	138730900809056256
6	$\mathcal{O}(9; \{6^9, 3^6, 2^{11}\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^9, 3^9, 2^7\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^9, 3^{12}, 2^3\})$	70995487709056204800
6	$\mathcal{O}(9; \{6^{10}, 3, 2^{16}\})$	69263890447859712
6	$\mathcal{O}(9; \{6^{10}, 3^4, 2^{12}\})$	554720483322888192
6	$\mathcal{O}(9; \{6^{10}, 3^7, 2^8\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^{10}, 3^{10}, 2^4\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^{10}, 3^{13}\})$	283982153956138156032
6	$\mathcal{O}(9; \{6^{11}, 3^2, 2^{13}\})$	277258681704775680
6	$\mathcal{O}(9; \{6^{11}, 3^5, 2^9\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^{11}, 3^8, 2^5\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^{11}, 3^{11}, 2\})$	141991178538025746432
6	$\mathcal{O}(9; \{6^{12}, 2^{14}\})$	138730900809056256
6	$\mathcal{O}(9; \{6^{12}, 3^3, 2^{10}\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^{12}, 3^6, 2^6\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^{12}, 3^9, 2^2\})$	70995487709056204800
6	$\mathcal{O}(9; \{6^{13}, 3, 2^{11}\})$	554720483322888192
6	$\mathcal{O}(9; \{6^{13}, 3^4, 2^7\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^{13}, 3^7, 2^3\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^{14}, 3^2, 2^8\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^{14}, 3^5, 2^4\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^{14}, 3^8\})$	141991178538025746432
6	$\mathcal{O}(9; \{6^{15}, 2^9\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^{15}, 3^3, 2^5\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^{15}, 3^6, 2\})$	70995487709056204800
6	$\mathcal{O}(9; \{6^{16}, 3, 2^6\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^{16}, 3^4, 2^2\})$	35497845414484770816

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(9; \{6^{17}, 3^2, 2^3\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^{18}, 2^4\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^{18}, 3^3\})$	70995487709056204800
6	$\mathcal{O}(9; \{6^{19}, 3, 2\})$	35497845414484770816
6	$\mathcal{O}(8; \{2^{38}\})$	2821109841920
6	$\mathcal{O}(8; \{3^3, 2^{34}\})$	5642219814912
6	$\mathcal{O}(8; \{3^6, 2^{30}\})$	62064417964032
6	$\mathcal{O}(8; \{3^9, 2^{26}\})$	479588684267520
6	$\mathcal{O}(8; \{3^{12}, 2^{22}\})$	3853636133584896
6	$\mathcal{O}(8; \{3^{15}, 2^{18}\})$	30812162409234432
6	$\mathcal{O}(8; \{3^{18}, 2^{14}\})$	246514225933320192
6	$\mathcal{O}(8; \{3^{21}, 2^{10}\})$	1972096880807116800
6	$\mathcal{O}(8; \{3^{24}, 2^6\})$	15776791973116379136
6	$\mathcal{O}(8; \{3^{27}, 2^2\})$	126214318858271588352
6	$\mathcal{O}(8; \{6, 3, 2^{35}\})$	5642219814912
6	$\mathcal{O}(8; \{6, 3^4, 2^{31}\})$	28211099074560
6	$\mathcal{O}(8; \{6, 3^7, 2^{27}\})$	242615452041216
6	$\mathcal{O}(8; \{6, 3^{10}, 2^{23}\})$	1923996956884992
6	$\mathcal{O}(8; \{6, 3^{13}, 2^{19}\})$	15408902314524672
6	$\mathcal{O}(8; \{6, 3^{16}, 2^{15}\})$	123254291856752640
6	$\mathcal{O}(8; \{6, 3^{19}, 2^{11}\})$	986051261513465856
6	$\mathcal{O}(8; \{6, 3^{22}, 2^7\})$	7888393165448282112
6	$\mathcal{O}(8; \{6, 3^{25}, 2^3\})$	63107162250245701632
6	$\mathcal{O}(8; \{6^2, 3^2, 2^{32}\})$	16926659444736
6	$\mathcal{O}(8; \{6^2, 3^5, 2^{28}\})$	118486616113152
6	$\mathcal{O}(8; \{6^2, 3^8, 2^{24}\})$	964819588349952
6	$\mathcal{O}(8; \{6^2, 3^{11}, 2^{20}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^2, 3^{14}, 2^{16}\})$	61629967038283776
6	$\mathcal{O}(8; \{6^2, 3^{17}, 2^{12}\})$	493022809646825472
6	$\mathcal{O}(8; \{6^2, 3^{20}, 2^8\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^2, 3^{23}, 2^4\})$	31553578304012943360
6	$\mathcal{O}(8; \{6^2, 3^{26}\})$	252428643358762991616
6	$\mathcal{O}(8; \{6^3, 2^{33}\})$	5642219814912
6	$\mathcal{O}(8; \{6^3, 3^3, 2^{29}\})$	62064417964032
6	$\mathcal{O}(8; \{6^3, 3^6, 2^{25}\})$	479588684267520
6	$\mathcal{O}(8; \{6^3, 3^9, 2^{21}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^3, 3^{12}, 2^{17}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^3, 3^{15}, 2^{13}\})$	246514225933320192
6	$\mathcal{O}(8; \{6^3, 3^{18}, 2^9\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^3, 3^{21}, 2^5\})$	15776791973116379136
6	$\mathcal{O}(8; \{6^3, 3^{24}, 2\})$	126214318858271588352
6	$\mathcal{O}(8; \{6^4, 3, 2^{30}\})$	28211099074560
6	$\mathcal{O}(8; \{6^4, 3^4, 2^{26}\})$	242615452041216

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(8; \{6^4, 3^7, 2^{22}\})$	1923996956884992
6	$\mathcal{O}(8; \{6^4, 3^{10}, 2^{18}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^4, 3^{13}, 2^{14}\})$	123254291856752640
6	$\mathcal{O}(8; \{6^4, 3^{16}, 2^{10}\})$	986051261513465856
6	$\mathcal{O}(8; \{6^4, 3^{19}, 2^6\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^4, 3^{22}, 2^2\})$	63107162250245701632
6	$\mathcal{O}(8; \{6^5, 3^2, 2^{27}\})$	118486616113152
6	$\mathcal{O}(8; \{6^5, 3^5, 2^{23}\})$	964819588349952
6	$\mathcal{O}(8; \{6^5, 3^8, 2^{19}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^5, 3^{11}, 2^{15}\})$	61629967038283776
6	$\mathcal{O}(8; \{6^5, 3^{14}, 2^{11}\})$	493022809646825472
6	$\mathcal{O}(8; \{6^5, 3^{17}, 2^7\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^5, 3^{20}, 2^3\})$	31553578304012943360
6	$\mathcal{O}(8; \{6^6, 2^{28}\})$	62064417964032
6	$\mathcal{O}(8; \{6^6, 3^3, 2^{24}\})$	479588684267520
6	$\mathcal{O}(8; \{6^6, 3^6, 2^{20}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^6, 3^9, 2^{16}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^6, 3^{12}, 2^{12}\})$	246514225933320192
6	$\mathcal{O}(8; \{6^6, 3^{15}, 2^8\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^6, 3^{18}, 2^4\})$	15776791973116379136
6	$\mathcal{O}(8; \{6^6, 3^{21}\})$	126214318858271588352
6	$\mathcal{O}(8; \{6^7, 3, 2^{25}\})$	242615452041216
6	$\mathcal{O}(8; \{6^7, 3^4, 2^{21}\})$	1923996956884992
6	$\mathcal{O}(8; \{6^7, 3^7, 2^{17}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^7, 3^{10}, 2^{13}\})$	123254291856752640
6	$\mathcal{O}(8; \{6^7, 3^{13}, 2^9\})$	986051261513465856
6	$\mathcal{O}(8; \{6^7, 3^{16}, 2^5\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^7, 3^{19}, 2\})$	63107162250245701632
6	$\mathcal{O}(8; \{6^8, 3^2, 2^{22}\})$	964819588349952
6	$\mathcal{O}(8; \{6^8, 3^5, 2^{18}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^8, 3^8, 2^{14}\})$	61629967038283776
6	$\mathcal{O}(8; \{6^8, 3^{11}, 2^{10}\})$	493022809646825472
6	$\mathcal{O}(8; \{6^8, 3^{14}, 2^6\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^8, 3^{17}, 2^2\})$	31553578304012943360
6	$\mathcal{O}(8; \{6^9, 2^{23}\})$	479588684267520
6	$\mathcal{O}(8; \{6^9, 3^3, 2^{19}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^9, 3^6, 2^{15}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^9, 3^9, 2^{11}\})$	246514225933320192
6	$\mathcal{O}(8; \{6^9, 3^{12}, 2^7\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^9, 3^{15}, 2^3\})$	15776791973116379136
6	$\mathcal{O}(8; \{6^{10}, 3, 2^{20}\})$	1923996956884992
6	$\mathcal{O}(8; \{6^{10}, 3^4, 2^{16}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^{10}, 3^7, 2^{12}\})$	123254291856752640

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(8; \{6^{10}, 3^{10}, 2^8\})$	986051261513465856
6	$\mathcal{O}(8; \{6^{10}, 3^{13}, 2^4\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^{10}, 3^{16}\})$	63107162250245701632
6	$\mathcal{O}(8; \{6^{11}, 3^2, 2^{17}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^{11}, 3^5, 2^{13}\})$	61629967038283776
6	$\mathcal{O}(8; \{6^{11}, 3^8, 2^9\})$	493022809646825472
6	$\mathcal{O}(8; \{6^{11}, 3^{11}, 2^5\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^{11}, 3^{14}, 2\})$	31553578304012943360
6	$\mathcal{O}(8; \{6^{12}, 2^{18}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^{12}, 3^3, 2^{14}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^{12}, 3^6, 2^{10}\})$	246514225933320192
6	$\mathcal{O}(8; \{6^{12}, 3^9, 2^6\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^{12}, 3^{12}, 2^2\})$	15776791973116379136
6	$\mathcal{O}(8; \{6^{13}, 3, 2^{15}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^{13}, 3^4, 2^{11}\})$	123254291856752640
6	$\mathcal{O}(8; \{6^{13}, 3^7, 2^7\})$	986051261513465856
6	$\mathcal{O}(8; \{6^{13}, 3^{10}, 2^3\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^{14}, 3^2, 2^{12}\})$	61629967038283776
6	$\mathcal{O}(8; \{6^{14}, 3^5, 2^8\})$	493022809646825472
6	$\mathcal{O}(8; \{6^{14}, 3^8, 2^4\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^{14}, 3^{11}\})$	31553578304012943360
6	$\mathcal{O}(8; \{6^{15}, 2^{13}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^{15}, 3^3, 2^9\})$	246514225933320192
6	$\mathcal{O}(8; \{6^{15}, 3^6, 2^5\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^{15}, 3^9, 2\})$	15776791973116379136
6	$\mathcal{O}(8; \{6^{16}, 3, 2^{10}\})$	123254291856752640
6	$\mathcal{O}(8; \{6^{16}, 3^4, 2^6\})$	986051261513465856
6	$\mathcal{O}(8; \{6^{16}, 3^7, 2^2\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^{17}, 3^2, 2^7\})$	493022809646825472
6	$\mathcal{O}(8; \{6^{17}, 3^5, 2^3\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^{18}, 2^8\})$	246514225933320192
6	$\mathcal{O}(8; \{6^{18}, 3^3, 2^4\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^{18}, 3^6\})$	15776791973116379136
6	$\mathcal{O}(8; \{6^{19}, 3, 2^5\})$	986051261513465856
6	$\mathcal{O}(8; \{6^{19}, 3^4, 2\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^{20}, 3^2, 2^2\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^{21}, 2^3\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^{22}, 3\})$	7888393165448282112
6	$\mathcal{O}(7; \{2^{42}\})$	78364147712
6	$\mathcal{O}(7; \{3^3, 2^{38}\})$	156728328192
6	$\mathcal{O}(7; \{3^6, 2^{34}\})$	1724011610112
6	$\mathcal{O}(7; \{3^9, 2^{30}\})$	13321907896320
6	$\mathcal{O}(7; \{3^{12}, 2^{26}\})$	107045448155136

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{3^{15}, 2^{22}\})$	855893400256512
6	$\mathcal{O}(7; \{3^{18}, 2^{18}\})$	6847617387036672
6	$\mathcal{O}(7; \{3^{21}, 2^{14}\})$	54780468911308800
6	$\mathcal{O}(7; \{3^{24}, 2^{10}\})$	438244221475454976
6	$\mathcal{O}(7; \{3^{27}, 2^6\})$	3505953301618655232
6	$\mathcal{O}(7; \{3^{30}, 2^2\})$	28047626883134226432
6	$\mathcal{O}(7; \{6, 3, 2^{39}\})$	156728328192
6	$\mathcal{O}(7; \{6, 3^4, 2^{35}\})$	783641640960
6	$\mathcal{O}(7; \{6, 3^7, 2^{31}\})$	6739318112256
6	$\mathcal{O}(7; \{6, 3^{10}, 2^{27}\})$	53444359913472
6	$\mathcal{O}(7; \{6, 3^{13}, 2^{23}\})$	428025064292352
6	$\mathcal{O}(7; \{6, 3^{16}, 2^{19}\})$	3423730329354240
6	$\mathcal{O}(7; \{6, 3^{19}, 2^{15}\})$	27390312819818496
6	$\mathcal{O}(7; \{6, 3^{22}, 2^{11}\})$	219122032373563392
6	$\mathcal{O}(7; \{6, 3^{25}, 2^7\})$	1752976729173491712
6	$\mathcal{O}(7; \{6, 3^{28}, 2^3\})$	14023813363202949120
6	$\mathcal{O}(7; \{6^2, 3^2, 2^{36}\})$	470184984576
6	$\mathcal{O}(7; \{6^2, 3^5, 2^{32}\})$	3291294892032
6	$\mathcal{O}(7; \{6^2, 3^8, 2^{28}\})$	26800544120832
6	$\mathcal{O}(7; \{6^2, 3^{11}, 2^{24}\})$	213934167982080
6	$\mathcal{O}(7; \{6^2, 3^{14}, 2^{20}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^2, 3^{17}, 2^{16}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^2, 3^{20}, 2^{12}\})$	109561094550945792
6	$\mathcal{O}(7; \{6^2, 3^{23}, 2^8\})$	876488286222581760
6	$\mathcal{O}(7; \{6^2, 3^{26}, 2^4\})$	7011906759965638656
6	$\mathcal{O}(7; \{6^2, 3^{29}\})$	56095253609540124672
6	$\mathcal{O}(7; \{6^3, 2^{37}\})$	156728328192
6	$\mathcal{O}(7; \{6^3, 3^3, 2^{33}\})$	1724011610112
6	$\mathcal{O}(7; \{6^3, 3^6, 2^{29}\})$	13321907896320
6	$\mathcal{O}(7; \{6^3, 3^9, 2^{25}\})$	107045448155136
6	$\mathcal{O}(7; \{6^3, 3^{12}, 2^{21}\})$	855893400256512
6	$\mathcal{O}(7; \{6^3, 3^{15}, 2^{17}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^3, 3^{18}, 2^{13}\})$	54780468911308800
6	$\mathcal{O}(7; \{6^3, 3^{21}, 2^9\})$	438244221475454976
6	$\mathcal{O}(7; \{6^3, 3^{24}, 2^5\})$	3505953301618655232
6	$\mathcal{O}(7; \{6^3, 3^{27}, 2\})$	28047626883134226432
6	$\mathcal{O}(7; \{6^4, 3, 2^{34}\})$	783641640960
6	$\mathcal{O}(7; \{6^4, 3^4, 2^{30}\})$	6739318112256
6	$\mathcal{O}(7; \{6^4, 3^7, 2^{26}\})$	53444359913472
6	$\mathcal{O}(7; \{6^4, 3^{10}, 2^{22}\})$	428025064292352
6	$\mathcal{O}(7; \{6^4, 3^{13}, 2^{18}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^4, 3^{16}, 2^{14}\})$	27390312819818496
6	$\mathcal{O}(7; \{6^4, 3^{19}, 2^{10}\})$	219122032373563392

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{6^4, 3^{22}, 2^6\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^4, 3^{25}, 2^2\})$	14023813363202949120
6	$\mathcal{O}(7; \{6^5, 3^2, 2^{31}\})$	3291294892032
6	$\mathcal{O}(7; \{6^5, 3^5, 2^{27}\})$	26800544120832
6	$\mathcal{O}(7; \{6^5, 3^8, 2^{23}\})$	213934167982080
6	$\mathcal{O}(7; \{6^5, 3^{11}, 2^{19}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^5, 3^{14}, 2^{15}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^5, 3^{17}, 2^{11}\})$	109561094550945792
6	$\mathcal{O}(7; \{6^5, 3^{20}, 2^7\})$	876488286222581760
6	$\mathcal{O}(7; \{6^5, 3^{23}, 2^3\})$	7011906759965638656
6	$\mathcal{O}(7; \{6^6, 2^{32}\})$	1724011610112
6	$\mathcal{O}(7; \{6^6, 3^3, 2^{28}\})$	13321907896320
6	$\mathcal{O}(7; \{6^6, 3^6, 2^{24}\})$	107045448155136
6	$\mathcal{O}(7; \{6^6, 3^9, 2^{20}\})$	855893400256512
6	$\mathcal{O}(7; \{6^6, 3^{12}, 2^{16}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^6, 3^{15}, 2^{12}\})$	54780468911308800
6	$\mathcal{O}(7; \{6^6, 3^{18}, 2^8\})$	438244221475454976
6	$\mathcal{O}(7; \{6^6, 3^{21}, 2^4\})$	3505953301618655232
6	$\mathcal{O}(7; \{6^6, 3^{24}\})$	28047626883134226432
6	$\mathcal{O}(7; \{6^7, 3, 2^{29}\})$	6739318112256
6	$\mathcal{O}(7; \{6^7, 3^4, 2^{25}\})$	53444359913472
6	$\mathcal{O}(7; \{6^7, 3^7, 2^{21}\})$	428025064292352
6	$\mathcal{O}(7; \{6^7, 3^{10}, 2^{17}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^7, 3^{13}, 2^{13}\})$	27390312819818496
6	$\mathcal{O}(7; \{6^7, 3^{16}, 2^9\})$	219122032373563392
6	$\mathcal{O}(7; \{6^7, 3^{19}, 2^5\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^7, 3^{22}, 2\})$	14023813363202949120
6	$\mathcal{O}(7; \{6^8, 3^2, 2^{26}\})$	26800544120832
6	$\mathcal{O}(7; \{6^8, 3^5, 2^{22}\})$	213934167982080
6	$\mathcal{O}(7; \{6^8, 3^8, 2^{18}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^8, 3^{11}, 2^{14}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^8, 3^{14}, 2^{10}\})$	109561094550945792
6	$\mathcal{O}(7; \{6^8, 3^{17}, 2^6\})$	876488286222581760
6	$\mathcal{O}(7; \{6^8, 3^{20}, 2^2\})$	7011906759965638656
6	$\mathcal{O}(7; \{6^9, 2^{27}\})$	13321907896320
6	$\mathcal{O}(7; \{6^9, 3^3, 2^{23}\})$	107045448155136
6	$\mathcal{O}(7; \{6^9, 3^6, 2^{19}\})$	855893400256512
6	$\mathcal{O}(7; \{6^9, 3^9, 2^{15}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^9, 3^{12}, 2^{11}\})$	54780468911308800
6	$\mathcal{O}(7; \{6^9, 3^{15}, 2^7\})$	438244221475454976
6	$\mathcal{O}(7; \{6^9, 3^{18}, 2^3\})$	3505953301618655232
6	$\mathcal{O}(7; \{6^{10}, 3, 2^{24}\})$	53444359913472
6	$\mathcal{O}(7; \{6^{10}, 3^4, 2^{20}\})$	428025064292352

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{6^{10}, 3^7, 2^{16}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^{10}, 3^{10}, 2^{12}\})$	27390312819818496
6	$\mathcal{O}(7; \{6^{10}, 3^{13}, 2^8\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{10}, 3^{16}, 2^4\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^{10}, 3^{19}\})$	14023813363202949120
6	$\mathcal{O}(7; \{6^{11}, 3^2, 2^{21}\})$	213934167982080
6	$\mathcal{O}(7; \{6^{11}, 3^5, 2^{17}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^{11}, 3^8, 2^{13}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^{11}, 3^{11}, 2^9\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{11}, 3^{14}, 2^5\})$	876488286222581760
6	$\mathcal{O}(7; \{6^{11}, 3^{17}, 2\})$	7011906759965638656
6	$\mathcal{O}(7; \{6^{12}, 2^{22}\})$	107045448155136
6	$\mathcal{O}(7; \{6^{12}, 3^3, 2^{18}\})$	855893400256512
6	$\mathcal{O}(7; \{6^{12}, 3^6, 2^{14}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^{12}, 3^9, 2^{10}\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{12}, 3^{12}, 2^6\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{12}, 3^{15}, 2^2\})$	3505953301618655232
6	$\mathcal{O}(7; \{6^{13}, 3, 2^{19}\})$	428025064292352
6	$\mathcal{O}(7; \{6^{13}, 3^4, 2^{15}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^{13}, 3^7, 2^{11}\})$	27390312819818496
6	$\mathcal{O}(7; \{6^{13}, 3^{10}, 2^7\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{13}, 3^{13}, 2^3\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^{14}, 3^2, 2^{16}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^{14}, 3^5, 2^{12}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^{14}, 3^8, 2^8\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{14}, 3^{11}, 2^4\})$	876488286222581760
6	$\mathcal{O}(7; \{6^{14}, 3^{14}\})$	7011906759965638656
6	$\mathcal{O}(7; \{6^{15}, 2^{17}\})$	855893400256512
6	$\mathcal{O}(7; \{6^{15}, 3^3, 2^{13}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^{15}, 3^6, 2^9\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{15}, 3^9, 2^5\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{15}, 3^{12}, 2\})$	3505953301618655232
6	$\mathcal{O}(7; \{6^{16}, 3, 2^{14}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^{16}, 3^4, 2^{10}\})$	27390312819818496
6	$\mathcal{O}(7; \{6^{16}, 3^7, 2^6\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{16}, 3^{10}, 2^2\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^{17}, 3^2, 2^{11}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^{17}, 3^5, 2^7\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{17}, 3^8, 2^3\})$	876488286222581760
6	$\mathcal{O}(7; \{6^{18}, 2^{12}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^{18}, 3^3, 2^8\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{18}, 3^6, 2^4\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{18}, 3^9\})$	3505953301618655232

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{6^{19}, 3, 2^9\})$	27390312819818496
6	$\mathcal{O}(7; \{6^{19}, 3^4, 2^5\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{19}, 3^7, 2\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^{20}, 3^2, 2^6\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{20}, 3^5, 2^2\})$	876488286222581760
6	$\mathcal{O}(7; \{6^{21}, 2^7\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{21}, 3^3, 2^3\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{22}, 3, 2^4\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{22}, 3^4\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^{23}, 3^2, 2\})$	876488286222581760
6	$\mathcal{O}(7; \{6^{24}, 2^2\})$	438244221475454976
6	$\mathcal{O}(6; \{2^{46}\})$	2176778240
6	$\mathcal{O}(6; \{3^3, 2^{42}\})$	4353564672
6	$\mathcal{O}(6; \{3^6, 2^{38}\})$	47889211392
6	$\mathcal{O}(6; \{3^9, 2^{34}\})$	370052997120
6	$\mathcal{O}(6; \{3^{12}, 2^{30}\})$	2973484670976
6	$\mathcal{O}(6; \{3^{15}, 2^{26}\})$	23774816673792
6	$\mathcal{O}(6; \{3^{18}, 2^{22}\})$	190211594084352
6	$\mathcal{O}(6; \{3^{21}, 2^{18}\})$	1521679691980800
6	$\mathcal{O}(6; \{3^{24}, 2^{14}\})$	12173450596540416
6	$\mathcal{O}(6; \{3^{27}, 2^{10}\})$	97387591711629312
6	$\mathcal{O}(6; \{3^{30}, 2^6\})$	779100746753728512
6	$\mathcal{O}(6; \{3^{33}, 2^2\})$	6232805960969134080
6	$\mathcal{O}(6; \{6, 3, 2^{43}\})$	4353564672
6	$\mathcal{O}(6; \{6, 3^4, 2^{39}\})$	21767823360
6	$\mathcal{O}(6; \{6, 3^7, 2^{35}\})$	187203280896
6	$\mathcal{O}(6; \{6, 3^{10}, 2^{31}\})$	1484565553152
6	$\mathcal{O}(6; \{6, 3^{13}, 2^{27}\})$	11889585119232
6	$\mathcal{O}(6; \{6, 3^{16}, 2^{23}\})$	95103620259840
6	$\mathcal{O}(6; \{6, 3^{19}, 2^{19}\})$	760842022772736
6	$\mathcal{O}(6; \{6, 3^{22}, 2^{15}\})$	6086723121487872
6	$\mathcal{O}(6; \{6, 3^{25}, 2^{11}\})$	48693798032596992
6	$\mathcal{O}(6; \{6, 3^{28}, 2^7\})$	389550371200081920
6	$\mathcal{O}(6; \{6, 3^{31}, 2^3\})$	3116402982661349376
6	$\mathcal{O}(6; \{6^2, 3^2, 2^{40}\})$	13060694016
6	$\mathcal{O}(6; \{6^2, 3^5, 2^{36}\})$	91424858112
6	$\mathcal{O}(6; \{6^2, 3^8, 2^{32}\})$	744459558912
6	$\mathcal{O}(6; \{6^2, 3^{11}, 2^{28}\})$	5942615777280
6	$\mathcal{O}(6; \{6^2, 3^{14}, 2^{24}\})$	47553986912256
6	$\mathcal{O}(6; \{6^2, 3^{17}, 2^{20}\})$	380418834604032
6	$\mathcal{O}(6; \{6^2, 3^{20}, 2^{16}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^2, 3^{23}, 2^{12}\})$	24346896839516160
6	$\mathcal{O}(6; \{6^2, 3^{26}, 2^8\})$	194775187776823296

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{6^2, 3^{29}, 2^4\})$	1558201489153892352
6	$\mathcal{O}(6; \{6^2, 3^{32}\})$	12465611926291832832
6	$\mathcal{O}(6; \{6^3, 2^{41}\})$	4353564672
6	$\mathcal{O}(6; \{6^3, 3^3, 2^{37}\})$	47889211392
6	$\mathcal{O}(6; \{6^3, 3^6, 2^{33}\})$	370052997120
6	$\mathcal{O}(6; \{6^3, 3^9, 2^{29}\})$	2973484670976
6	$\mathcal{O}(6; \{6^3, 3^{12}, 2^{25}\})$	23774816673792
6	$\mathcal{O}(6; \{6^3, 3^{15}, 2^{21}\})$	190211594084352
6	$\mathcal{O}(6; \{6^3, 3^{18}, 2^{17}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^3, 3^{21}, 2^{13}\})$	12173450596540416
6	$\mathcal{O}(6; \{6^3, 3^{24}, 2^9\})$	97387591711629312
6	$\mathcal{O}(6; \{6^3, 3^{27}, 2^5\})$	779100746753728512
6	$\mathcal{O}(6; \{6^3, 3^{30}, 2\})$	6232805960969134080
6	$\mathcal{O}(6; \{6^4, 3, 2^{38}\})$	21767823360
6	$\mathcal{O}(6; \{6^4, 3^4, 2^{34}\})$	187203280896
6	$\mathcal{O}(6; \{6^4, 3^7, 2^{30}\})$	1484565553152
6	$\mathcal{O}(6; \{6^4, 3^{10}, 2^{26}\})$	11889585119232
6	$\mathcal{O}(6; \{6^4, 3^{13}, 2^{22}\})$	95103620259840
6	$\mathcal{O}(6; \{6^4, 3^{16}, 2^{18}\})$	760842022772736
6	$\mathcal{O}(6; \{6^4, 3^{19}, 2^{14}\})$	6086723121487872
6	$\mathcal{O}(6; \{6^4, 3^{22}, 2^{10}\})$	48693798032596992
6	$\mathcal{O}(6; \{6^4, 3^{25}, 2^6\})$	389550371200081920
6	$\mathcal{O}(6; \{6^4, 3^{28}, 2^2\})$	3116402982661349376
6	$\mathcal{O}(6; \{6^5, 3^2, 2^{35}\})$	91424858112
6	$\mathcal{O}(6; \{6^5, 3^5, 2^{31}\})$	744459558912
6	$\mathcal{O}(6; \{6^5, 3^8, 2^{27}\})$	5942615777280
6	$\mathcal{O}(6; \{6^5, 3^{11}, 2^{23}\})$	47553986912256
6	$\mathcal{O}(6; \{6^5, 3^{14}, 2^{19}\})$	380418834604032
6	$\mathcal{O}(6; \{6^5, 3^{17}, 2^{15}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^5, 3^{20}, 2^{11}\})$	24346896839516160
6	$\mathcal{O}(6; \{6^5, 3^{23}, 2^7\})$	194775187776823296
6	$\mathcal{O}(6; \{6^5, 3^{26}, 2^3\})$	1558201489153892352
6	$\mathcal{O}(6; \{6^6, 2^{36}\})$	47889211392
6	$\mathcal{O}(6; \{6^6, 3^3, 2^{32}\})$	370052997120
6	$\mathcal{O}(6; \{6^6, 3^6, 2^{28}\})$	2973484670976
6	$\mathcal{O}(6; \{6^6, 3^9, 2^{24}\})$	23774816673792
6	$\mathcal{O}(6; \{6^6, 3^{12}, 2^{20}\})$	190211594084352
6	$\mathcal{O}(6; \{6^6, 3^{15}, 2^{16}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^6, 3^{18}, 2^{12}\})$	12173450596540416
6	$\mathcal{O}(6; \{6^6, 3^{21}, 2^8\})$	97387591711629312
6	$\mathcal{O}(6; \{6^6, 3^{24}, 2^4\})$	779100746753728512
6	$\mathcal{O}(6; \{6^6, 3^{27}\})$	6232805960969134080
6	$\mathcal{O}(6; \{6^7, 3, 2^{33}\})$	187203280896

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{6^7, 3^4, 2^{29}\})$	1484565553152
6	$\mathcal{O}(6; \{6^7, 3^7, 2^{25}\})$	11889585119232
6	$\mathcal{O}(6; \{6^7, 3^{10}, 2^{21}\})$	95103620259840
6	$\mathcal{O}(6; \{6^7, 3^{13}, 2^{17}\})$	760842022772736
6	$\mathcal{O}(6; \{6^7, 3^{16}, 2^{13}\})$	6086723121487872
6	$\mathcal{O}(6; \{6^7, 3^{19}, 2^9\})$	48693798032596992
6	$\mathcal{O}(6; \{6^7, 3^{22}, 2^5\})$	389550371200081920
6	$\mathcal{O}(6; \{6^7, 3^{25}, 2\})$	3116402982661349376
6	$\mathcal{O}(6; \{6^8, 3^2, 2^{30}\})$	744459558912
6	$\mathcal{O}(6; \{6^8, 3^5, 2^{26}\})$	5942615777280
6	$\mathcal{O}(6; \{6^8, 3^8, 2^{22}\})$	47553986912256
6	$\mathcal{O}(6; \{6^8, 3^{11}, 2^{18}\})$	380418834604032
6	$\mathcal{O}(6; \{6^8, 3^{14}, 2^{14}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^8, 3^{17}, 2^{10}\})$	24346896839516160
6	$\mathcal{O}(6; \{6^8, 3^{20}, 2^6\})$	194775187776823296
6	$\mathcal{O}(6; \{6^8, 3^{23}, 2^2\})$	1558201489153892352
6	$\mathcal{O}(6; \{6^9, 2^{31}\})$	370052997120
6	$\mathcal{O}(6; \{6^9, 3^3, 2^{27}\})$	2973484670976
6	$\mathcal{O}(6; \{6^9, 3^6, 2^{23}\})$	23774816673792
6	$\mathcal{O}(6; \{6^9, 3^9, 2^{19}\})$	190211594084352
6	$\mathcal{O}(6; \{6^9, 3^{12}, 2^{15}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^9, 3^{15}, 2^{11}\})$	12173450596540416
6	$\mathcal{O}(6; \{6^9, 3^{18}, 2^7\})$	97387591711629312
6	$\mathcal{O}(6; \{6^9, 3^{21}, 2^3\})$	779100746753728512
6	$\mathcal{O}(6; \{6^{10}, 3, 2^{28}\})$	1484565553152
6	$\mathcal{O}(6; \{6^{10}, 3^4, 2^{24}\})$	11889585119232
6	$\mathcal{O}(6; \{6^{10}, 3^7, 2^{20}\})$	95103620259840
6	$\mathcal{O}(6; \{6^{10}, 3^{10}, 2^{16}\})$	760842022772736
6	$\mathcal{O}(6; \{6^{10}, 3^{13}, 2^{12}\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{10}, 3^{16}, 2^8\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{10}, 3^{19}, 2^4\})$	389550371200081920
6	$\mathcal{O}(6; \{6^{10}, 3^{22}\})$	3116402982661349376
6	$\mathcal{O}(6; \{6^{11}, 3^2, 2^{25}\})$	5942615777280
6	$\mathcal{O}(6; \{6^{11}, 3^5, 2^{21}\})$	47553986912256
6	$\mathcal{O}(6; \{6^{11}, 3^8, 2^{17}\})$	380418834604032
6	$\mathcal{O}(6; \{6^{11}, 3^{11}, 2^{13}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{11}, 3^{14}, 2^9\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{11}, 3^{17}, 2^5\})$	194775187776823296
6	$\mathcal{O}(6; \{6^{11}, 3^{20}, 2\})$	1558201489153892352
6	$\mathcal{O}(6; \{6^{12}, 2^{26}\})$	2973484670976
6	$\mathcal{O}(6; \{6^{12}, 3^3, 2^{22}\})$	23774816673792
6	$\mathcal{O}(6; \{6^{12}, 3^6, 2^{18}\})$	190211594084352
6	$\mathcal{O}(6; \{6^{12}, 3^9, 2^{14}\})$	1521679691980800

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{6^{12}, 3^{12}, 2^{10}\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{12}, 3^{15}, 2^6\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{12}, 3^{18}, 2^2\})$	779100746753728512
6	$\mathcal{O}(6; \{6^{13}, 3, 2^{23}\})$	11889585119232
6	$\mathcal{O}(6; \{6^{13}, 3^4, 2^{19}\})$	95103620259840
6	$\mathcal{O}(6; \{6^{13}, 3^7, 2^{15}\})$	760842022772736
6	$\mathcal{O}(6; \{6^{13}, 3^{10}, 2^{11}\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{13}, 3^{13}, 2^7\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{13}, 3^{16}, 2^3\})$	389550371200081920
6	$\mathcal{O}(6; \{6^{14}, 3^2, 2^{20}\})$	47553986912256
6	$\mathcal{O}(6; \{6^{14}, 3^5, 2^{16}\})$	380418834604032
6	$\mathcal{O}(6; \{6^{14}, 3^8, 2^{12}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{14}, 3^{11}, 2^8\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{14}, 3^{14}, 2^4\})$	194775187776823296
6	$\mathcal{O}(6; \{6^{14}, 3^{17}\})$	1558201489153892352
6	$\mathcal{O}(6; \{6^{15}, 2^{21}\})$	23774816673792
6	$\mathcal{O}(6; \{6^{15}, 3^3, 2^{17}\})$	190211594084352
6	$\mathcal{O}(6; \{6^{15}, 3^6, 2^{13}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{15}, 3^9, 2^9\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{15}, 3^{12}, 2^5\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{15}, 3^{15}, 2\})$	779100746753728512
6	$\mathcal{O}(6; \{6^{16}, 3, 2^{18}\})$	95103620259840
6	$\mathcal{O}(6; \{6^{16}, 3^4, 2^{14}\})$	760842022772736
6	$\mathcal{O}(6; \{6^{16}, 3^7, 2^{10}\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{16}, 3^{10}, 2^6\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{16}, 3^{13}, 2^2\})$	389550371200081920
6	$\mathcal{O}(6; \{6^{17}, 3^2, 2^{15}\})$	380418834604032
6	$\mathcal{O}(6; \{6^{17}, 3^5, 2^{11}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{17}, 3^8, 2^7\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{17}, 3^{11}, 2^3\})$	194775187776823296
6	$\mathcal{O}(6; \{6^{18}, 2^{16}\})$	190211594084352
6	$\mathcal{O}(6; \{6^{18}, 3^3, 2^{12}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{18}, 3^6, 2^8\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{18}, 3^9, 2^4\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{18}, 3^{12}\})$	779100746753728512
6	$\mathcal{O}(6; \{6^{19}, 3, 2^{13}\})$	760842022772736
6	$\mathcal{O}(6; \{6^{19}, 3^4, 2^9\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{19}, 3^7, 2^5\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{19}, 3^{10}, 2\})$	389550371200081920
6	$\mathcal{O}(6; \{6^{20}, 3^2, 2^{10}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{20}, 3^5, 2^6\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{20}, 3^8, 2^2\})$	194775187776823296
6	$\mathcal{O}(6; \{6^{21}, 2^{11}\})$	1521679691980800

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{6^{21}, 3^3, 2^7\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{21}, 3^6, 2^3\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{22}, 3, 2^8\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{22}, 3^4, 2^4\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{22}, 3^7\})$	389550371200081920
6	$\mathcal{O}(6; \{6^{23}, 3^2, 2^5\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{23}, 3^5, 2\})$	194775187776823296
6	$\mathcal{O}(6; \{6^{24}, 2^6\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{24}, 3^3, 2^2\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{25}, 3, 2^3\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{26}, 3^2\})$	194775187776823296
6	$\mathcal{O}(6; \{6^{27}, 2\})$	97387591711629312
6	$\mathcal{O}(5; \{2^{50}\})$	60465152
6	$\mathcal{O}(5; \{3^3, 2^{46}\})$	120932352
6	$\mathcal{O}(5; \{3^6, 2^{42}\})$	1330255872
6	$\mathcal{O}(5; \{3^9, 2^{38}\})$	10279249920
6	$\mathcal{O}(5; \{3^{12}, 2^{34}\})$	82596796416
6	$\mathcal{O}(5; \{3^{15}, 2^{30}\})$	660411574272
6	$\mathcal{O}(5; \{3^{18}, 2^{26}\})$	5283655391232
6	$\mathcal{O}(5; \{3^{21}, 2^{22}\})$	42268880332800
6	$\mathcal{O}(5; \{3^{24}, 2^{18}\})$	338151405459456
6	$\mathcal{O}(5; \{3^{27}, 2^{14}\})$	2705210880878592
6	$\mathcal{O}(5; \{3^{30}, 2^{10}\})$	21641687409825792
6	$\mathcal{O}(5; \{3^{33}, 2^6\})$	173133498915809280
6	$\mathcal{O}(5; \{3^{36}, 2^2\})$	1385067991689271296
6	$\mathcal{O}(5; \{6, 3, 2^{47}\})$	120932352
6	$\mathcal{O}(5; \{6, 3^4, 2^{43}\})$	604661760
6	$\mathcal{O}(5; \{6, 3^7, 2^{39}\})$	5200091136
6	$\mathcal{O}(5; \{6, 3^{10}, 2^{35}\})$	41237932032
6	$\mathcal{O}(5; \{6, 3^{13}, 2^{31}\})$	330266253312
6	$\mathcal{O}(5; \{6, 3^{16}, 2^{27}\})$	2641767229440
6	$\mathcal{O}(5; \{6, 3^{19}, 2^{23}\})$	21134500632576
6	$\mathcal{O}(5; \{6, 3^{22}, 2^{19}\})$	169075642263552
6	$\mathcal{O}(5; \{6, 3^{25}, 2^{15}\})$	1352605500905472
6	$\mathcal{O}(5; \{6, 3^{28}, 2^{11}\})$	10820843644446720
6	$\mathcal{O}(5; \{6, 3^{31}, 2^7\})$	86566749518370816
6	$\mathcal{O}(5; \{6, 3^{34}, 2^3\})$	692533995784169472
6	$\mathcal{O}(5; \{6^2, 3^2, 2^{44}\})$	362797056
6	$\mathcal{O}(5; \{6^2, 3^5, 2^{40}\})$	2539579392
6	$\mathcal{O}(5; \{6^2, 3^8, 2^{36}\})$	20679432192
6	$\mathcal{O}(5; \{6^2, 3^{11}, 2^{32}\})$	165072660480
6	$\mathcal{O}(5; \{6^2, 3^{14}, 2^{28}\})$	1320944080896
6	$\mathcal{O}(5; \{6^2, 3^{17}, 2^{24}\})$	10567189850112

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6^2, 3^{20}, 2^{20}\})$	84537881597952
6	$\mathcal{O}(5; \{6^2, 3^{23}, 2^{16}\})$	676302689986560
6	$\mathcal{O}(5; \{6^2, 3^{26}, 2^{12}\})$	5410421882689536
6	$\mathcal{O}(5; \{6^2, 3^{29}, 2^8\})$	43283374698719232
6	$\mathcal{O}(5; \{6^2, 3^{32}, 2^4\})$	346266997952550912
6	$\mathcal{O}(5; \{6^2, 3^{35}\})$	2770135983257610240
6	$\mathcal{O}(5; \{6^3, 2^{45}\})$	120932352
6	$\mathcal{O}(5; \{6^3, 3^3, 2^{41}\})$	1330255872
6	$\mathcal{O}(5; \{6^3, 3^6, 2^{37}\})$	10279249920
6	$\mathcal{O}(5; \{6^3, 3^9, 2^{33}\})$	82596796416
6	$\mathcal{O}(5; \{6^3, 3^{12}, 2^{29}\})$	660411574272
6	$\mathcal{O}(5; \{6^3, 3^{15}, 2^{25}\})$	5283655391232
6	$\mathcal{O}(5; \{6^3, 3^{18}, 2^{21}\})$	42268880332800
6	$\mathcal{O}(5; \{6^3, 3^{21}, 2^{17}\})$	338151405459456
6	$\mathcal{O}(5; \{6^3, 3^{24}, 2^{13}\})$	2705210880878592
6	$\mathcal{O}(5; \{6^3, 3^{27}, 2^9\})$	21641687409825792
6	$\mathcal{O}(5; \{6^3, 3^{30}, 2^5\})$	173133498915809280
6	$\mathcal{O}(5; \{6^3, 3^{33}, 2\})$	1385067991689271296
6	$\mathcal{O}(5; \{6^4, 3, 2^{42}\})$	604661760
6	$\mathcal{O}(5; \{6^4, 3^4, 2^{38}\})$	5200091136
6	$\mathcal{O}(5; \{6^4, 3^7, 2^{34}\})$	41237932032
6	$\mathcal{O}(5; \{6^4, 3^{10}, 2^{30}\})$	330266253312
6	$\mathcal{O}(5; \{6^4, 3^{13}, 2^{26}\})$	2641767229440
6	$\mathcal{O}(5; \{6^4, 3^{16}, 2^{22}\})$	21134500632576
6	$\mathcal{O}(5; \{6^4, 3^{19}, 2^{18}\})$	169075642263552
6	$\mathcal{O}(5; \{6^4, 3^{22}, 2^{14}\})$	1352605500905472
6	$\mathcal{O}(5; \{6^4, 3^{25}, 2^{10}\})$	10820843644446720
6	$\mathcal{O}(5; \{6^4, 3^{28}, 2^6\})$	86566749518370816
6	$\mathcal{O}(5; \{6^4, 3^{31}, 2^2\})$	692533995784169472
6	$\mathcal{O}(5; \{6^5, 3^2, 2^{39}\})$	2539579392
6	$\mathcal{O}(5; \{6^5, 3^5, 2^{35}\})$	20679432192
6	$\mathcal{O}(5; \{6^5, 3^8, 2^{31}\})$	165072660480
6	$\mathcal{O}(5; \{6^5, 3^{11}, 2^{27}\})$	1320944080896
6	$\mathcal{O}(5; \{6^5, 3^{14}, 2^{23}\})$	10567189850112
6	$\mathcal{O}(5; \{6^5, 3^{17}, 2^{19}\})$	84537881597952
6	$\mathcal{O}(5; \{6^5, 3^{20}, 2^{15}\})$	676302689986560
6	$\mathcal{O}(5; \{6^5, 3^{23}, 2^{11}\})$	5410421882689536
6	$\mathcal{O}(5; \{6^5, 3^{26}, 2^7\})$	43283374698719232
6	$\mathcal{O}(5; \{6^5, 3^{29}, 2^3\})$	346266997952550912
6	$\mathcal{O}(5; \{6^6, 2^{40}\})$	1330255872
6	$\mathcal{O}(5; \{6^6, 3^3, 2^{36}\})$	10279249920
6	$\mathcal{O}(5; \{6^6, 3^6, 2^{32}\})$	82596796416
6	$\mathcal{O}(5; \{6^6, 3^9, 2^{28}\})$	660411574272

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6^6, 3^{12}, 2^{24}\})$	5283655391232
6	$\mathcal{O}(5; \{6^6, 3^{15}, 2^{20}\})$	42268880332800
6	$\mathcal{O}(5; \{6^6, 3^{18}, 2^{16}\})$	338151405459456
6	$\mathcal{O}(5; \{6^6, 3^{21}, 2^{12}\})$	2705210880878592
6	$\mathcal{O}(5; \{6^6, 3^{24}, 2^8\})$	21641687409825792
6	$\mathcal{O}(5; \{6^6, 3^{27}, 2^4\})$	173133498915809280
6	$\mathcal{O}(5; \{6^6, 3^{30}\})$	1385067991689271296
6	$\mathcal{O}(5; \{6^7, 3, 2^{37}\})$	5200091136
6	$\mathcal{O}(5; \{6^7, 3^4, 2^{33}\})$	41237932032
6	$\mathcal{O}(5; \{6^7, 3^7, 2^{29}\})$	330266253312
6	$\mathcal{O}(5; \{6^7, 3^{10}, 2^{25}\})$	2641767229440
6	$\mathcal{O}(5; \{6^7, 3^{13}, 2^{21}\})$	21134500632576
6	$\mathcal{O}(5; \{6^7, 3^{16}, 2^{17}\})$	169075642263552
6	$\mathcal{O}(5; \{6^7, 3^{19}, 2^{13}\})$	1352605500905472
6	$\mathcal{O}(5; \{6^7, 3^{22}, 2^9\})$	10820843644446720
6	$\mathcal{O}(5; \{6^7, 3^{25}, 2^5\})$	86566749518370816
6	$\mathcal{O}(5; \{6^7, 3^{28}, 2\})$	692533995784169472
6	$\mathcal{O}(5; \{6^8, 3^2, 2^{34}\})$	20679432192
6	$\mathcal{O}(5; \{6^8, 3^5, 2^{30}\})$	165072660480
6	$\mathcal{O}(5; \{6^8, 3^8, 2^{26}\})$	1320944080896
6	$\mathcal{O}(5; \{6^8, 3^{11}, 2^{22}\})$	10567189850112
6	$\mathcal{O}(5; \{6^8, 3^{14}, 2^{18}\})$	84537881597952
6	$\mathcal{O}(5; \{6^8, 3^{17}, 2^{14}\})$	676302689986560
6	$\mathcal{O}(5; \{6^8, 3^{20}, 2^{10}\})$	5410421882689536
6	$\mathcal{O}(5; \{6^8, 3^{23}, 2^6\})$	43283374698719232
6	$\mathcal{O}(5; \{6^8, 3^{26}, 2^2\})$	346266997952550912
6	$\mathcal{O}(5; \{6^9, 2^{35}\})$	10279249920
6	$\mathcal{O}(5; \{6^9, 3^3, 2^{31}\})$	82596796416
6	$\mathcal{O}(5; \{6^9, 3^6, 2^{27}\})$	660411574272
6	$\mathcal{O}(5; \{6^9, 3^9, 2^{23}\})$	5283655391232
6	$\mathcal{O}(5; \{6^9, 3^{12}, 2^{19}\})$	42268880332800
6	$\mathcal{O}(5; \{6^9, 3^{15}, 2^{15}\})$	338151405459456
6	$\mathcal{O}(5; \{6^9, 3^{18}, 2^{11}\})$	2705210880878592
6	$\mathcal{O}(5; \{6^9, 3^{21}, 2^7\})$	21641687409825792
6	$\mathcal{O}(5; \{6^9, 3^{24}, 2^3\})$	173133498915809280
6	$\mathcal{O}(5; \{6^{10}, 3, 2^{32}\})$	41237932032
6	$\mathcal{O}(5; \{6^{10}, 3^4, 2^{28}\})$	330266253312
6	$\mathcal{O}(5; \{6^{10}, 3^7, 2^{24}\})$	2641767229440
6	$\mathcal{O}(5; \{6^{10}, 3^{10}, 2^{20}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{10}, 3^{13}, 2^{16}\})$	169075642263552
6	$\mathcal{O}(5; \{6^{10}, 3^{16}, 2^{12}\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{10}, 3^{19}, 2^8\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{10}, 3^{22}, 2^4\})$	86566749518370816

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6^{10}, 3^{25}\})$	692533995784169472
6	$\mathcal{O}(5; \{6^{11}, 3^2, 2^{29}\})$	165072660480
6	$\mathcal{O}(5; \{6^{11}, 3^5, 2^{25}\})$	1320944080896
6	$\mathcal{O}(5; \{6^{11}, 3^8, 2^{21}\})$	10567189850112
6	$\mathcal{O}(5; \{6^{11}, 3^{11}, 2^{17}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{11}, 3^{14}, 2^{13}\})$	676302689986560
6	$\mathcal{O}(5; \{6^{11}, 3^{17}, 2^9\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{11}, 3^{20}, 2^5\})$	43283374698719232
6	$\mathcal{O}(5; \{6^{11}, 3^{23}, 2\})$	346266997952550912
6	$\mathcal{O}(5; \{6^{12}, 2^{30}\})$	82596796416
6	$\mathcal{O}(5; \{6^{12}, 3^3, 2^{26}\})$	660411574272
6	$\mathcal{O}(5; \{6^{12}, 3^6, 2^{22}\})$	5283655391232
6	$\mathcal{O}(5; \{6^{12}, 3^9, 2^{18}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{12}, 3^{12}, 2^{14}\})$	338151405459456
6	$\mathcal{O}(5; \{6^{12}, 3^{15}, 2^{10}\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{12}, 3^{18}, 2^6\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{12}, 3^{21}, 2^2\})$	173133498915809280
6	$\mathcal{O}(5; \{6^{13}, 3, 2^{27}\})$	330266253312
6	$\mathcal{O}(5; \{6^{13}, 3^4, 2^{23}\})$	2641767229440
6	$\mathcal{O}(5; \{6^{13}, 3^7, 2^{19}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{13}, 3^{10}, 2^{15}\})$	169075642263552
6	$\mathcal{O}(5; \{6^{13}, 3^{13}, 2^{11}\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{13}, 3^{16}, 2^7\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{13}, 3^{19}, 2^3\})$	86566749518370816
6	$\mathcal{O}(5; \{6^{14}, 3^2, 2^{24}\})$	1320944080896
6	$\mathcal{O}(5; \{6^{14}, 3^5, 2^{20}\})$	10567189850112
6	$\mathcal{O}(5; \{6^{14}, 3^8, 2^{16}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{14}, 3^{11}, 2^{12}\})$	676302689986560
6	$\mathcal{O}(5; \{6^{14}, 3^{14}, 2^8\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{14}, 3^{17}, 2^4\})$	43283374698719232
6	$\mathcal{O}(5; \{6^{14}, 3^{20}\})$	346266997952550912
6	$\mathcal{O}(5; \{6^{15}, 2^{25}\})$	660411574272
6	$\mathcal{O}(5; \{6^{15}, 3^3, 2^{21}\})$	5283655391232
6	$\mathcal{O}(5; \{6^{15}, 3^6, 2^{17}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{15}, 3^9, 2^{13}\})$	338151405459456
6	$\mathcal{O}(5; \{6^{15}, 3^{12}, 2^9\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{15}, 3^{15}, 2^5\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{15}, 3^{18}, 2\})$	173133498915809280
6	$\mathcal{O}(5; \{6^{16}, 3, 2^{22}\})$	2641767229440
6	$\mathcal{O}(5; \{6^{16}, 3^4, 2^{18}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{16}, 3^7, 2^{14}\})$	169075642263552
6	$\mathcal{O}(5; \{6^{16}, 3^{10}, 2^{10}\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{16}, 3^{13}, 2^6\})$	10820843644446720

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6^{16}, 3^{16}, 2^2\})$	86566749518370816
6	$\mathcal{O}(5; \{6^{17}, 3^2, 2^{19}\})$	10567189850112
6	$\mathcal{O}(5; \{6^{17}, 3^5, 2^{15}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{17}, 3^8, 2^{11}\})$	676302689986560
6	$\mathcal{O}(5; \{6^{17}, 3^{11}, 2^7\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{17}, 3^{14}, 2^3\})$	43283374698719232
6	$\mathcal{O}(5; \{6^{18}, 2^{20}\})$	5283655391232
6	$\mathcal{O}(5; \{6^{18}, 3^3, 2^{16}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{18}, 3^6, 2^{12}\})$	338151405459456
6	$\mathcal{O}(5; \{6^{18}, 3^9, 2^8\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{18}, 3^{12}, 2^4\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{18}, 3^{15}\})$	173133498915809280
6	$\mathcal{O}(5; \{6^{19}, 3, 2^{17}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{19}, 3^4, 2^{13}\})$	169075642263552
6	$\mathcal{O}(5; \{6^{19}, 3^7, 2^9\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{19}, 3^{10}, 2^5\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{19}, 3^{13}, 2\})$	86566749518370816
6	$\mathcal{O}(5; \{6^{20}, 3^2, 2^{14}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{20}, 3^5, 2^{10}\})$	676302689986560
6	$\mathcal{O}(5; \{6^{20}, 3^8, 2^6\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{20}, 3^{11}, 2^2\})$	43283374698719232
6	$\mathcal{O}(5; \{6^{21}, 2^{15}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{21}, 3^3, 2^{11}\})$	338151405459456
6	$\mathcal{O}(5; \{6^{21}, 3^6, 2^7\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{21}, 3^9, 2^3\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{22}, 3, 2^{12}\})$	169075642263552
6	$\mathcal{O}(5; \{6^{22}, 3^4, 2^8\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{22}, 3^7, 2^4\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{22}, 3^{10}\})$	86566749518370816
6	$\mathcal{O}(5; \{6^{23}, 3^2, 2^9\})$	676302689986560
6	$\mathcal{O}(5; \{6^{23}, 3^5, 2^5\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{23}, 3^8, 2\})$	43283374698719232
6	$\mathcal{O}(5; \{6^{24}, 2^{10}\})$	338151405459456
6	$\mathcal{O}(5; \{6^{24}, 3^3, 2^6\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{24}, 3^6, 2^2\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{25}, 3, 2^7\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{25}, 3^4, 2^3\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{26}, 3^2, 2^4\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{26}, 3^5\})$	43283374698719232
6	$\mathcal{O}(5; \{6^{27}, 2^5\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{27}, 3^3, 2\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{28}, 3, 2^2\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{30}\})$	21641687409825792

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{2^{54}\})$	1679360
6	$\mathcal{O}(4; \{3^3, 2^{50}\})$	3359232
6	$\mathcal{O}(4; \{3^6, 2^{46}\})$	36951552
6	$\mathcal{O}(4; \{3^9, 2^{42}\})$	285534720
6	$\mathcal{O}(4; \{3^{12}, 2^{38}\})$	2294355456
6	$\mathcal{O}(4; \{3^{15}, 2^{34}\})$	18344765952
6	$\mathcal{O}(4; \{3^{18}, 2^{30}\})$	146768205312
6	$\mathcal{O}(4; \{3^{21}, 2^{26}\})$	1174135564800
6	$\mathcal{O}(4; \{3^{24}, 2^{22}\})$	9393094596096
6	$\mathcal{O}(4; \{3^{27}, 2^{18}\})$	75144746691072
6	$\mathcal{O}(4; \{3^{30}, 2^{14}\})$	601157983606272
6	$\mathcal{O}(4; \{3^{33}, 2^{10}\})$	4809263858772480
6	$\mathcal{O}(4; \{3^{36}, 2^6\})$	38474110880257536
6	$\mathcal{O}(4; \{3^{39}, 2^2\})$	307792887031982592
6	$\mathcal{O}(4; \{6, 3, 2^{51}\})$	3359232
6	$\mathcal{O}(4; \{6, 3^4, 2^{47}\})$	16796160
6	$\mathcal{O}(4; \{6, 3^7, 2^{43}\})$	144446976
6	$\mathcal{O}(4; \{6, 3^{10}, 2^{39}\})$	1145498112
6	$\mathcal{O}(4; \{6, 3^{13}, 2^{35}\})$	9174062592
6	$\mathcal{O}(4; \{6, 3^{16}, 2^{31}\})$	73382423040
6	$\mathcal{O}(4; \{6, 3^{19}, 2^{27}\})$	587069462016
6	$\mathcal{O}(4; \{6, 3^{22}, 2^{23}\})$	4696545618432
6	$\mathcal{O}(4; \{6, 3^{25}, 2^{19}\})$	37572375025152
6	$\mathcal{O}(4; \{6, 3^{28}, 2^{15}\})$	300578990123520
6	$\mathcal{O}(4; \{6, 3^{31}, 2^{11}\})$	2404631931065856
6	$\mathcal{O}(4; \{6, 3^{34}, 2^7\})$	19237055438449152
6	$\mathcal{O}(4; \{6, 3^{37}, 2^3\})$	153896443517670912
6	$\mathcal{O}(4; \{6^2, 3^2, 2^{48}\})$	10077696
6	$\mathcal{O}(4; \{6^2, 3^5, 2^{44}\})$	70543872
6	$\mathcal{O}(4; \{6^2, 3^8, 2^{40}\})$	574428672
6	$\mathcal{O}(4; \{6^2, 3^{11}, 2^{36}\})$	4585351680
6	$\mathcal{O}(4; \{6^2, 3^{14}, 2^{32}\})$	36692891136
6	$\mathcal{O}(4; \{6^2, 3^{17}, 2^{28}\})$	293533051392
6	$\mathcal{O}(4; \{6^2, 3^{20}, 2^{24}\})$	2348274488832
6	$\mathcal{O}(4; \{6^2, 3^{23}, 2^{20}\})$	18786185832960
6	$\mathcal{O}(4; \{6^2, 3^{26}, 2^{16}\})$	150289496741376
6	$\mathcal{O}(4; \{6^2, 3^{29}, 2^{12}\})$	1202315963853312
6	$\mathcal{O}(4; \{6^2, 3^{32}, 2^8\})$	9618527720904192
6	$\mathcal{O}(4; \{6^2, 3^{35}, 2^4\})$	76948221757155840
6	$\mathcal{O}(4; \{6^2, 3^{38}\})$	615585774067324416
6	$\mathcal{O}(4; \{6^3, 2^{49}\})$	3359232
6	$\mathcal{O}(4; \{6^3, 3^3, 2^{45}\})$	36951552
6	$\mathcal{O}(4; \{6^3, 3^6, 2^{41}\})$	285534720

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^3, 3^9, 2^{37}\})$	2294355456
6	$\mathcal{O}(4; \{6^3, 3^{12}, 2^{33}\})$	18344765952
6	$\mathcal{O}(4; \{6^3, 3^{15}, 2^{29}\})$	146768205312
6	$\mathcal{O}(4; \{6^3, 3^{18}, 2^{25}\})$	1174135564800
6	$\mathcal{O}(4; \{6^3, 3^{21}, 2^{21}\})$	9393094596096
6	$\mathcal{O}(4; \{6^3, 3^{24}, 2^{17}\})$	75144746691072
6	$\mathcal{O}(4; \{6^3, 3^{27}, 2^{13}\})$	601157983606272
6	$\mathcal{O}(4; \{6^3, 3^{30}, 2^9\})$	4809263858772480
6	$\mathcal{O}(4; \{6^3, 3^{33}, 2^5\})$	38474110880257536
6	$\mathcal{O}(4; \{6^3, 3^{36}, 2\})$	307792887031982592
6	$\mathcal{O}(4; \{6^4, 3, 2^{46}\})$	16796160
6	$\mathcal{O}(4; \{6^4, 3^4, 2^{42}\})$	144446976
6	$\mathcal{O}(4; \{6^4, 3^7, 2^{38}\})$	1145498112
6	$\mathcal{O}(4; \{6^4, 3^{10}, 2^{34}\})$	9174062592
6	$\mathcal{O}(4; \{6^4, 3^{13}, 2^{30}\})$	73382423040
6	$\mathcal{O}(4; \{6^4, 3^{16}, 2^{26}\})$	587069462016
6	$\mathcal{O}(4; \{6^4, 3^{19}, 2^{22}\})$	4696545618432
6	$\mathcal{O}(4; \{6^4, 3^{22}, 2^{18}\})$	37572375025152
6	$\mathcal{O}(4; \{6^4, 3^{25}, 2^{14}\})$	300578990123520
6	$\mathcal{O}(4; \{6^4, 3^{28}, 2^{10}\})$	2404631931065856
6	$\mathcal{O}(4; \{6^4, 3^{31}, 2^6\})$	19237055438449152
6	$\mathcal{O}(4; \{6^4, 3^{34}, 2^2\})$	153896443517670912
6	$\mathcal{O}(4; \{6^5, 3^2, 2^{43}\})$	70543872
6	$\mathcal{O}(4; \{6^5, 3^5, 2^{39}\})$	574428672
6	$\mathcal{O}(4; \{6^5, 3^8, 2^{35}\})$	4585351680
6	$\mathcal{O}(4; \{6^5, 3^{11}, 2^{31}\})$	36692891136
6	$\mathcal{O}(4; \{6^5, 3^{14}, 2^{27}\})$	293533051392
6	$\mathcal{O}(4; \{6^5, 3^{17}, 2^{23}\})$	2348274488832
6	$\mathcal{O}(4; \{6^5, 3^{20}, 2^{19}\})$	18786185832960
6	$\mathcal{O}(4; \{6^5, 3^{23}, 2^{15}\})$	150289496741376
6	$\mathcal{O}(4; \{6^5, 3^{26}, 2^{11}\})$	1202315963853312
6	$\mathcal{O}(4; \{6^5, 3^{29}, 2^7\})$	9618527720904192
6	$\mathcal{O}(4; \{6^5, 3^{32}, 2^3\})$	76948221757155840
6	$\mathcal{O}(4; \{6^6, 2^{44}\})$	36951552
6	$\mathcal{O}(4; \{6^6, 3^3, 2^{40}\})$	285534720
6	$\mathcal{O}(4; \{6^6, 3^6, 2^{36}\})$	2294355456
6	$\mathcal{O}(4; \{6^6, 3^9, 2^{32}\})$	18344765952
6	$\mathcal{O}(4; \{6^6, 3^{12}, 2^{28}\})$	146768205312
6	$\mathcal{O}(4; \{6^6, 3^{15}, 2^{24}\})$	1174135564800
6	$\mathcal{O}(4; \{6^6, 3^{18}, 2^{20}\})$	9393094596096
6	$\mathcal{O}(4; \{6^6, 3^{21}, 2^{16}\})$	75144746691072
6	$\mathcal{O}(4; \{6^6, 3^{24}, 2^{12}\})$	601157983606272
6	$\mathcal{O}(4; \{6^6, 3^{27}, 2^8\})$	4809263858772480

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^6, 3^{30}, 2^4\})$	38474110880257536
6	$\mathcal{O}(4; \{6^6, 3^{33}\})$	307792887031982592
6	$\mathcal{O}(4; \{6^7, 3, 2^{41}\})$	144446976
6	$\mathcal{O}(4; \{6^7, 3^4, 2^{37}\})$	1145498112
6	$\mathcal{O}(4; \{6^7, 3^7, 2^{33}\})$	9174062592
6	$\mathcal{O}(4; \{6^7, 3^{10}, 2^{29}\})$	73382423040
6	$\mathcal{O}(4; \{6^7, 3^{13}, 2^{25}\})$	587069462016
6	$\mathcal{O}(4; \{6^7, 3^{16}, 2^{21}\})$	4696545618432
6	$\mathcal{O}(4; \{6^7, 3^{19}, 2^{17}\})$	37572375025152
6	$\mathcal{O}(4; \{6^7, 3^{22}, 2^{13}\})$	300578990123520
6	$\mathcal{O}(4; \{6^7, 3^{25}, 2^9\})$	2404631931065856
6	$\mathcal{O}(4; \{6^7, 3^{28}, 2^5\})$	19237055438449152
6	$\mathcal{O}(4; \{6^7, 3^{31}, 2\})$	153896443517670912
6	$\mathcal{O}(4; \{6^8, 3^2, 2^{38}\})$	574428672
6	$\mathcal{O}(4; \{6^8, 3^5, 2^{34}\})$	4585351680
6	$\mathcal{O}(4; \{6^8, 3^8, 2^{30}\})$	36692891136
6	$\mathcal{O}(4; \{6^8, 3^{11}, 2^{26}\})$	293533051392
6	$\mathcal{O}(4; \{6^8, 3^{14}, 2^{22}\})$	2348274488832
6	$\mathcal{O}(4; \{6^8, 3^{17}, 2^{18}\})$	18786185832960
6	$\mathcal{O}(4; \{6^8, 3^{20}, 2^{14}\})$	150289496741376
6	$\mathcal{O}(4; \{6^8, 3^{23}, 2^{10}\})$	1202315963853312
6	$\mathcal{O}(4; \{6^8, 3^{26}, 2^6\})$	9618527720904192
6	$\mathcal{O}(4; \{6^8, 3^{29}, 2^2\})$	76948221757155840
6	$\mathcal{O}(4; \{6^9, 2^{39}\})$	285534720
6	$\mathcal{O}(4; \{6^9, 3^3, 2^{35}\})$	2294355456
6	$\mathcal{O}(4; \{6^9, 3^6, 2^{31}\})$	18344765952
6	$\mathcal{O}(4; \{6^9, 3^9, 2^{27}\})$	146768205312
6	$\mathcal{O}(4; \{6^9, 3^{12}, 2^{23}\})$	1174135564800
6	$\mathcal{O}(4; \{6^9, 3^{15}, 2^{19}\})$	9393094596096
6	$\mathcal{O}(4; \{6^9, 3^{18}, 2^{15}\})$	75144746691072
6	$\mathcal{O}(4; \{6^9, 3^{21}, 2^{11}\})$	601157983606272
6	$\mathcal{O}(4; \{6^9, 3^{24}, 2^7\})$	4809263858772480
6	$\mathcal{O}(4; \{6^9, 3^{27}, 2^3\})$	38474110880257536
6	$\mathcal{O}(4; \{6^{10}, 3, 2^{36}\})$	1145498112
6	$\mathcal{O}(4; \{6^{10}, 3^4, 2^{32}\})$	9174062592
6	$\mathcal{O}(4; \{6^{10}, 3^7, 2^{28}\})$	73382423040
6	$\mathcal{O}(4; \{6^{10}, 3^{10}, 2^{24}\})$	587069462016
6	$\mathcal{O}(4; \{6^{10}, 3^{13}, 2^{20}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{10}, 3^{16}, 2^{16}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{10}, 3^{19}, 2^{12}\})$	300578990123520
6	$\mathcal{O}(4; \{6^{10}, 3^{22}, 2^8\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{10}, 3^{25}, 2^4\})$	19237055438449152
6	$\mathcal{O}(4; \{6^{10}, 3^{28}\})$	153896443517670912

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^{11}, 3^2, 2^{33}\})$	4585351680
6	$\mathcal{O}(4; \{6^{11}, 3^5, 2^{29}\})$	36692891136
6	$\mathcal{O}(4; \{6^{11}, 3^8, 2^{25}\})$	293533051392
6	$\mathcal{O}(4; \{6^{11}, 3^{11}, 2^{21}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{11}, 3^{14}, 2^{17}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{11}, 3^{17}, 2^{13}\})$	150289496741376
6	$\mathcal{O}(4; \{6^{11}, 3^{20}, 2^9\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{11}, 3^{23}, 2^5\})$	9618527720904192
6	$\mathcal{O}(4; \{6^{11}, 3^{26}, 2\})$	76948221757155840
6	$\mathcal{O}(4; \{6^{12}, 2^{34}\})$	2294355456
6	$\mathcal{O}(4; \{6^{12}, 3^3, 2^{30}\})$	18344765952
6	$\mathcal{O}(4; \{6^{12}, 3^6, 2^{26}\})$	146768205312
6	$\mathcal{O}(4; \{6^{12}, 3^9, 2^{22}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{12}, 3^{12}, 2^{18}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{12}, 3^{15}, 2^{14}\})$	75144746691072
6	$\mathcal{O}(4; \{6^{12}, 3^{18}, 2^{10}\})$	601157983606272
6	$\mathcal{O}(4; \{6^{12}, 3^{21}, 2^6\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{12}, 3^{24}, 2^2\})$	38474110880257536
6	$\mathcal{O}(4; \{6^{13}, 3, 2^{31}\})$	9174062592
6	$\mathcal{O}(4; \{6^{13}, 3^4, 2^{27}\})$	73382423040
6	$\mathcal{O}(4; \{6^{13}, 3^7, 2^{23}\})$	587069462016
6	$\mathcal{O}(4; \{6^{13}, 3^{10}, 2^{19}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{13}, 3^{13}, 2^{15}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{13}, 3^{16}, 2^{11}\})$	300578990123520
6	$\mathcal{O}(4; \{6^{13}, 3^{19}, 2^7\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{13}, 3^{22}, 2^3\})$	19237055438449152
6	$\mathcal{O}(4; \{6^{14}, 3^2, 2^{28}\})$	36692891136
6	$\mathcal{O}(4; \{6^{14}, 3^5, 2^{24}\})$	293533051392
6	$\mathcal{O}(4; \{6^{14}, 3^8, 2^{20}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{14}, 3^{11}, 2^{16}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{14}, 3^{14}, 2^{12}\})$	150289496741376
6	$\mathcal{O}(4; \{6^{14}, 3^{17}, 2^8\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{14}, 3^{20}, 2^4\})$	9618527720904192
6	$\mathcal{O}(4; \{6^{14}, 3^{23}\})$	76948221757155840
6	$\mathcal{O}(4; \{6^{15}, 2^{29}\})$	18344765952
6	$\mathcal{O}(4; \{6^{15}, 3^3, 2^{25}\})$	146768205312
6	$\mathcal{O}(4; \{6^{15}, 3^6, 2^{21}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{15}, 3^9, 2^{17}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{15}, 3^{12}, 2^{13}\})$	75144746691072
6	$\mathcal{O}(4; \{6^{15}, 3^{15}, 2^9\})$	601157983606272
6	$\mathcal{O}(4; \{6^{15}, 3^{18}, 2^5\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{15}, 3^{21}, 2\})$	38474110880257536
6	$\mathcal{O}(4; \{6^{16}, 3, 2^{26}\})$	73382423040

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^{16}, 3^4, 2^{22}\})$	587069462016
6	$\mathcal{O}(4; \{6^{16}, 3^7, 2^{18}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{16}, 3^{10}, 2^{14}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{16}, 3^{13}, 2^{10}\})$	300578990123520
6	$\mathcal{O}(4; \{6^{16}, 3^{16}, 2^6\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{16}, 3^{19}, 2^2\})$	19237055438449152
6	$\mathcal{O}(4; \{6^{17}, 3^2, 2^{23}\})$	293533051392
6	$\mathcal{O}(4; \{6^{17}, 3^5, 2^{19}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{17}, 3^8, 2^{15}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{17}, 3^{11}, 2^{11}\})$	150289496741376
6	$\mathcal{O}(4; \{6^{17}, 3^{14}, 2^7\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{17}, 3^{17}, 2^3\})$	9618527720904192
6	$\mathcal{O}(4; \{6^{18}, 2^{24}\})$	146768205312
6	$\mathcal{O}(4; \{6^{18}, 3^3, 2^{20}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{18}, 3^6, 2^{16}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{18}, 3^9, 2^{12}\})$	75144746691072
6	$\mathcal{O}(4; \{6^{18}, 3^{12}, 2^8\})$	601157983606272
6	$\mathcal{O}(4; \{6^{18}, 3^{15}, 2^4\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{18}, 3^{18}\})$	38474110880257536
6	$\mathcal{O}(4; \{6^{19}, 3, 2^{21}\})$	587069462016
6	$\mathcal{O}(4; \{6^{19}, 3^4, 2^{17}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{19}, 3^7, 2^{13}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{19}, 3^{10}, 2^9\})$	300578990123520
6	$\mathcal{O}(4; \{6^{19}, 3^{13}, 2^5\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{19}, 3^{16}, 2\})$	19237055438449152
6	$\mathcal{O}(4; \{6^{20}, 3^2, 2^{18}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{20}, 3^5, 2^{14}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{20}, 3^8, 2^{10}\})$	150289496741376
6	$\mathcal{O}(4; \{6^{20}, 3^{11}, 2^6\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{20}, 3^{14}, 2^2\})$	9618527720904192
6	$\mathcal{O}(4; \{6^{21}, 2^{19}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{21}, 3^3, 2^{15}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{21}, 3^6, 2^{11}\})$	75144746691072
6	$\mathcal{O}(4; \{6^{21}, 3^9, 2^7\})$	601157983606272
6	$\mathcal{O}(4; \{6^{21}, 3^{12}, 2^3\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{22}, 3, 2^{16}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{22}, 3^4, 2^{12}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{22}, 3^7, 2^8\})$	300578990123520
6	$\mathcal{O}(4; \{6^{22}, 3^{10}, 2^4\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{22}, 3^{13}\})$	19237055438449152
6	$\mathcal{O}(4; \{6^{23}, 3^2, 2^{13}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{23}, 3^5, 2^9\})$	150289496741376
6	$\mathcal{O}(4; \{6^{23}, 3^8, 2^5\})$	1202315963853312

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^{23}, 3^{11}, 2\})$	9618527720904192
6	$\mathcal{O}(4; \{6^{24}, 2^{14}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{24}, 3^3, 2^{10}\})$	75144746691072
6	$\mathcal{O}(4; \{6^{24}, 3^6, 2^6\})$	601157983606272
6	$\mathcal{O}(4; \{6^{24}, 3^9, 2^2\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{25}, 3, 2^{11}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{25}, 3^4, 2^7\})$	300578990123520
6	$\mathcal{O}(4; \{6^{25}, 3^7, 2^3\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{26}, 3^2, 2^8\})$	150289496741376
6	$\mathcal{O}(4; \{6^{26}, 3^5, 2^4\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{26}, 3^8\})$	9618527720904192
6	$\mathcal{O}(4; \{6^{27}, 2^9\})$	75144746691072
6	$\mathcal{O}(4; \{6^{27}, 3^3, 2^5\})$	601157983606272
6	$\mathcal{O}(4; \{6^{27}, 3^6, 2\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{28}, 3, 2^6\})$	300578990123520
6	$\mathcal{O}(4; \{6^{28}, 3^4, 2^2\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{29}, 3^2, 2^3\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{30}, 2^4\})$	601157983606272
6	$\mathcal{O}(4; \{6^{30}, 3^3\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{31}, 3, 2\})$	2404631931065856
6	$\mathcal{O}(3; \{2^{58}\})$	46592
6	$\mathcal{O}(3; \{3^3, 2^{54}\})$	93312
6	$\mathcal{O}(3; \{3^6, 2^{50}\})$	1026432
6	$\mathcal{O}(3; \{3^9, 2^{46}\})$	7931520
6	$\mathcal{O}(3; \{3^{12}, 2^{42}\})$	63732096
6	$\mathcal{O}(3; \{3^{15}, 2^{38}\})$	509576832
6	$\mathcal{O}(3; \{3^{18}, 2^{34}\})$	4076894592
6	$\mathcal{O}(3; \{3^{21}, 2^{30}\})$	32614876800
6	$\mathcal{O}(3; \{3^{24}, 2^{26}\})$	260919294336
6	$\mathcal{O}(3; \{3^{27}, 2^{22}\})$	2087354074752
6	$\mathcal{O}(3; \{3^{30}, 2^{18}\})$	16698832877952
6	$\mathcal{O}(3; \{3^{33}, 2^{14}\})$	133590662743680
6	$\mathcal{O}(3; \{3^{36}, 2^{10}\})$	1068725302229376
6	$\mathcal{O}(3; \{3^{39}, 2^6\})$	8549802417555072
6	$\mathcal{O}(3; \{3^{42}, 2^2\})$	68398419340720512
6	$\mathcal{O}(3; \{6, 3, 2^{55}\})$	93312
6	$\mathcal{O}(3; \{6, 3^4, 2^{51}\})$	466560
6	$\mathcal{O}(3; \{6, 3^7, 2^{47}\})$	4012416
6	$\mathcal{O}(3; \{6, 3^{10}, 2^{43}\})$	31819392
6	$\mathcal{O}(3; \{6, 3^{13}, 2^{39}\})$	254835072
6	$\mathcal{O}(3; \{6, 3^{16}, 2^{35}\})$	2038400640
6	$\mathcal{O}(3; \{6, 3^{19}, 2^{31}\})$	16307485056
6	$\mathcal{O}(3; \{6, 3^{22}, 2^{27}\})$	130459600512

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6, 3^{25}, 2^{23}\})$	1043677084032
6	$\mathcal{O}(3; \{6, 3^{28}, 2^{19}\})$	8349416392320
6	$\mathcal{O}(3; \{6, 3^{31}, 2^{15}\})$	66795331418496
6	$\mathcal{O}(3; \{6, 3^{34}, 2^{11}\})$	534362651068032
6	$\mathcal{O}(3; \{6, 3^{37}, 2^7\})$	4274901208824192
6	$\mathcal{O}(3; \{6, 3^{40}, 2^3\})$	34199209670313600
6	$\mathcal{O}(3; \{6^2, 3^2, 2^{52}\})$	279936
6	$\mathcal{O}(3; \{6^2, 3^5, 2^{48}\})$	1959552
6	$\mathcal{O}(3; \{6^2, 3^8, 2^{44}\})$	15956352
6	$\mathcal{O}(3; \{6^2, 3^{11}, 2^{40}\})$	127370880
6	$\mathcal{O}(3; \{6^2, 3^{14}, 2^{36}\})$	1019246976
6	$\mathcal{O}(3; \{6^2, 3^{17}, 2^{32}\})$	8153695872
6	$\mathcal{O}(3; \{6^2, 3^{20}, 2^{28}\})$	65229846912
6	$\mathcal{O}(3; \{6^2, 3^{23}, 2^{24}\})$	521838495360
6	$\mathcal{O}(3; \{6^2, 3^{26}, 2^{20}\})$	4174708242816
6	$\mathcal{O}(3; \{6^2, 3^{29}, 2^{16}\})$	33397665662592
6	$\mathcal{O}(3; \{6^2, 3^{32}, 2^{12}\})$	267181325580672
6	$\mathcal{O}(3; \{6^2, 3^{35}, 2^8\})$	2137450604365440
6	$\mathcal{O}(3; \{6^2, 3^{38}, 2^4\})$	17099604835203456
6	$\mathcal{O}(3; \{6^2, 3^{41}\})$	136796838681347712
6	$\mathcal{O}(3; \{6^3, 2^{53}\})$	93312
6	$\mathcal{O}(3; \{6^3, 3^3, 2^{49}\})$	1026432
6	$\mathcal{O}(3; \{6^3, 3^6, 2^{45}\})$	7931520
6	$\mathcal{O}(3; \{6^3, 3^9, 2^{41}\})$	63732096
6	$\mathcal{O}(3; \{6^3, 3^{12}, 2^{37}\})$	509576832
6	$\mathcal{O}(3; \{6^3, 3^{15}, 2^{33}\})$	4076894592
6	$\mathcal{O}(3; \{6^3, 3^{18}, 2^{29}\})$	32614876800
6	$\mathcal{O}(3; \{6^3, 3^{21}, 2^{25}\})$	260919294336
6	$\mathcal{O}(3; \{6^3, 3^{24}, 2^{21}\})$	2087354074752
6	$\mathcal{O}(3; \{6^3, 3^{27}, 2^{17}\})$	16698832877952
6	$\mathcal{O}(3; \{6^3, 3^{30}, 2^{13}\})$	133590662743680
6	$\mathcal{O}(3; \{6^3, 3^{33}, 2^9\})$	1068725302229376
6	$\mathcal{O}(3; \{6^3, 3^{36}, 2^5\})$	8549802417555072
6	$\mathcal{O}(3; \{6^3, 3^{39}, 2\})$	68398419340720512
6	$\mathcal{O}(3; \{6^4, 3, 2^{50}\})$	466560
6	$\mathcal{O}(3; \{6^4, 3^4, 2^{46}\})$	4012416
6	$\mathcal{O}(3; \{6^4, 3^7, 2^{42}\})$	31819392
6	$\mathcal{O}(3; \{6^4, 3^{10}, 2^{38}\})$	254835072
6	$\mathcal{O}(3; \{6^4, 3^{13}, 2^{34}\})$	2038400640
6	$\mathcal{O}(3; \{6^4, 3^{16}, 2^{30}\})$	16307485056
6	$\mathcal{O}(3; \{6^4, 3^{19}, 2^{26}\})$	130459600512
6	$\mathcal{O}(3; \{6^4, 3^{22}, 2^{22}\})$	1043677084032
6	$\mathcal{O}(3; \{6^4, 3^{25}, 2^{18}\})$	8349416392320

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^4, 3^{28}, 2^{14}\})$	66795331418496
6	$\mathcal{O}(3; \{6^4, 3^{31}, 2^{10}\})$	534362651068032
6	$\mathcal{O}(3; \{6^4, 3^{34}, 2^6\})$	4274901208824192
6	$\mathcal{O}(3; \{6^4, 3^{37}, 2^2\})$	34199209670313600
6	$\mathcal{O}(3; \{6^5, 3^2, 2^{47}\})$	1959552
6	$\mathcal{O}(3; \{6^5, 3^5, 2^{43}\})$	15956352
6	$\mathcal{O}(3; \{6^5, 3^8, 2^{39}\})$	127370880
6	$\mathcal{O}(3; \{6^5, 3^{11}, 2^{35}\})$	1019246976
6	$\mathcal{O}(3; \{6^5, 3^{14}, 2^{31}\})$	8153695872
6	$\mathcal{O}(3; \{6^5, 3^{17}, 2^{27}\})$	65229846912
6	$\mathcal{O}(3; \{6^5, 3^{20}, 2^{23}\})$	521838495360
6	$\mathcal{O}(3; \{6^5, 3^{23}, 2^{19}\})$	4174708242816
6	$\mathcal{O}(3; \{6^5, 3^{26}, 2^{15}\})$	33397665662592
6	$\mathcal{O}(3; \{6^5, 3^{29}, 2^{11}\})$	267181325580672
6	$\mathcal{O}(3; \{6^5, 3^{32}, 2^7\})$	2137450604365440
6	$\mathcal{O}(3; \{6^5, 3^{35}, 2^3\})$	17099604835203456
6	$\mathcal{O}(3; \{6^6, 2^{48}\})$	1026432
6	$\mathcal{O}(3; \{6^6, 3^3, 2^{44}\})$	7931520
6	$\mathcal{O}(3; \{6^6, 3^6, 2^{40}\})$	63732096
6	$\mathcal{O}(3; \{6^6, 3^9, 2^{36}\})$	509576832
6	$\mathcal{O}(3; \{6^6, 3^{12}, 2^{32}\})$	4076894592
6	$\mathcal{O}(3; \{6^6, 3^{15}, 2^{28}\})$	32614876800
6	$\mathcal{O}(3; \{6^6, 3^{18}, 2^{24}\})$	260919294336
6	$\mathcal{O}(3; \{6^6, 3^{21}, 2^{20}\})$	2087354074752
6	$\mathcal{O}(3; \{6^6, 3^{24}, 2^{16}\})$	16698832877952
6	$\mathcal{O}(3; \{6^6, 3^{27}, 2^{12}\})$	133590662743680
6	$\mathcal{O}(3; \{6^6, 3^{30}, 2^8\})$	1068725302229376
6	$\mathcal{O}(3; \{6^6, 3^{33}, 2^4\})$	8549802417555072
6	$\mathcal{O}(3; \{6^6, 3^{36}\})$	68398419340720512
6	$\mathcal{O}(3; \{6^7, 3, 2^{45}\})$	4012416
6	$\mathcal{O}(3; \{6^7, 3^4, 2^{41}\})$	31819392
6	$\mathcal{O}(3; \{6^7, 3^7, 2^{37}\})$	254835072
6	$\mathcal{O}(3; \{6^7, 3^{10}, 2^{33}\})$	2038400640
6	$\mathcal{O}(3; \{6^7, 3^{13}, 2^{29}\})$	16307485056
6	$\mathcal{O}(3; \{6^7, 3^{16}, 2^{25}\})$	130459600512
6	$\mathcal{O}(3; \{6^7, 3^{19}, 2^{21}\})$	1043677084032
6	$\mathcal{O}(3; \{6^7, 3^{22}, 2^{17}\})$	8349416392320
6	$\mathcal{O}(3; \{6^7, 3^{25}, 2^{13}\})$	66795331418496
6	$\mathcal{O}(3; \{6^7, 3^{28}, 2^9\})$	534362651068032
6	$\mathcal{O}(3; \{6^7, 3^{31}, 2^5\})$	4274901208824192
6	$\mathcal{O}(3; \{6^7, 3^{34}, 2\})$	34199209670313600
6	$\mathcal{O}(3; \{6^8, 3^2, 2^{42}\})$	15956352
6	$\mathcal{O}(3; \{6^8, 3^5, 2^{38}\})$	127370880

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^8, 3^8, 2^{34}\})$	1019246976
6	$\mathcal{O}(3; \{6^8, 3^{11}, 2^{30}\})$	8153695872
6	$\mathcal{O}(3; \{6^8, 3^{14}, 2^{26}\})$	65229846912
6	$\mathcal{O}(3; \{6^8, 3^{17}, 2^{22}\})$	521838495360
6	$\mathcal{O}(3; \{6^8, 3^{20}, 2^{18}\})$	4174708242816
6	$\mathcal{O}(3; \{6^8, 3^{23}, 2^{14}\})$	33397665662592
6	$\mathcal{O}(3; \{6^8, 3^{26}, 2^{10}\})$	267181325580672
6	$\mathcal{O}(3; \{6^8, 3^{29}, 2^6\})$	2137450604365440
6	$\mathcal{O}(3; \{6^8, 3^{32}, 2^2\})$	17099604835203456
6	$\mathcal{O}(3; \{6^9, 2^{43}\})$	7931520
6	$\mathcal{O}(3; \{6^9, 3^3, 2^{39}\})$	63732096
6	$\mathcal{O}(3; \{6^9, 3^6, 2^{35}\})$	509576832
6	$\mathcal{O}(3; \{6^9, 3^9, 2^{31}\})$	4076894592
6	$\mathcal{O}(3; \{6^9, 3^{12}, 2^{27}\})$	32614876800
6	$\mathcal{O}(3; \{6^9, 3^{15}, 2^{23}\})$	260919294336
6	$\mathcal{O}(3; \{6^9, 3^{18}, 2^{19}\})$	2087354074752
6	$\mathcal{O}(3; \{6^9, 3^{21}, 2^{15}\})$	16698832877952
6	$\mathcal{O}(3; \{6^9, 3^{24}, 2^{11}\})$	133590662743680
6	$\mathcal{O}(3; \{6^9, 3^{27}, 2^7\})$	1068725302229376
6	$\mathcal{O}(3; \{6^9, 3^{30}, 2^3\})$	8549802417555072
6	$\mathcal{O}(3; \{6^{10}, 3, 2^{40}\})$	31819392
6	$\mathcal{O}(3; \{6^{10}, 3^4, 2^{36}\})$	254835072
6	$\mathcal{O}(3; \{6^{10}, 3^7, 2^{32}\})$	2038400640
6	$\mathcal{O}(3; \{6^{10}, 3^{10}, 2^{28}\})$	16307485056
6	$\mathcal{O}(3; \{6^{10}, 3^{13}, 2^{24}\})$	130459600512
6	$\mathcal{O}(3; \{6^{10}, 3^{16}, 2^{20}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{10}, 3^{19}, 2^{16}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{10}, 3^{22}, 2^{12}\})$	66795331418496
6	$\mathcal{O}(3; \{6^{10}, 3^{25}, 2^8\})$	534362651068032
6	$\mathcal{O}(3; \{6^{10}, 3^{28}, 2^4\})$	4274901208824192
6	$\mathcal{O}(3; \{6^{10}, 3^{31}\})$	34199209670313600
6	$\mathcal{O}(3; \{6^{11}, 3^2, 2^{37}\})$	127370880
6	$\mathcal{O}(3; \{6^{11}, 3^5, 2^{33}\})$	1019246976
6	$\mathcal{O}(3; \{6^{11}, 3^8, 2^{29}\})$	8153695872
6	$\mathcal{O}(3; \{6^{11}, 3^{11}, 2^{25}\})$	65229846912
6	$\mathcal{O}(3; \{6^{11}, 3^{14}, 2^{21}\})$	521838495360
6	$\mathcal{O}(3; \{6^{11}, 3^{17}, 2^{17}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{11}, 3^{20}, 2^{13}\})$	33397665662592
6	$\mathcal{O}(3; \{6^{11}, 3^{23}, 2^9\})$	267181325580672
6	$\mathcal{O}(3; \{6^{11}, 3^{26}, 2^5\})$	2137450604365440
6	$\mathcal{O}(3; \{6^{11}, 3^{29}, 2\})$	17099604835203456
6	$\mathcal{O}(3; \{6^{12}, 2^{38}\})$	63732096
6	$\mathcal{O}(3; \{6^{12}, 3^3, 2^{34}\})$	509576832

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^{12}, 3^6, 2^{30}\})$	4076894592
6	$\mathcal{O}(3; \{6^{12}, 3^9, 2^{26}\})$	32614876800
6	$\mathcal{O}(3; \{6^{12}, 3^{12}, 2^{22}\})$	260919294336
6	$\mathcal{O}(3; \{6^{12}, 3^{15}, 2^{18}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{12}, 3^{18}, 2^{14}\})$	16698832877952
6	$\mathcal{O}(3; \{6^{12}, 3^{21}, 2^{10}\})$	133590662743680
6	$\mathcal{O}(3; \{6^{12}, 3^{24}, 2^6\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{12}, 3^{27}, 2^2\})$	8549802417555072
6	$\mathcal{O}(3; \{6^{13}, 3, 2^{35}\})$	254835072
6	$\mathcal{O}(3; \{6^{13}, 3^4, 2^{31}\})$	2038400640
6	$\mathcal{O}(3; \{6^{13}, 3^7, 2^{27}\})$	16307485056
6	$\mathcal{O}(3; \{6^{13}, 3^{10}, 2^{23}\})$	130459600512
6	$\mathcal{O}(3; \{6^{13}, 3^{13}, 2^{19}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{13}, 3^{16}, 2^{15}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{13}, 3^{19}, 2^{11}\})$	66795331418496
6	$\mathcal{O}(3; \{6^{13}, 3^{22}, 2^7\})$	534362651068032
6	$\mathcal{O}(3; \{6^{13}, 3^{25}, 2^3\})$	4274901208824192
6	$\mathcal{O}(3; \{6^{14}, 3^2, 2^{32}\})$	1019246976
6	$\mathcal{O}(3; \{6^{14}, 3^5, 2^{28}\})$	8153695872
6	$\mathcal{O}(3; \{6^{14}, 3^8, 2^{24}\})$	65229846912
6	$\mathcal{O}(3; \{6^{14}, 3^{11}, 2^{20}\})$	521838495360
6	$\mathcal{O}(3; \{6^{14}, 3^{14}, 2^{16}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{14}, 3^{17}, 2^{12}\})$	33397665662592
6	$\mathcal{O}(3; \{6^{14}, 3^{20}, 2^8\})$	267181325580672
6	$\mathcal{O}(3; \{6^{14}, 3^{23}, 2^4\})$	2137450604365440
6	$\mathcal{O}(3; \{6^{14}, 3^{26}\})$	17099604835203456
6	$\mathcal{O}(3; \{6^{15}, 2^{33}\})$	509576832
6	$\mathcal{O}(3; \{6^{15}, 3^3, 2^{29}\})$	4076894592
6	$\mathcal{O}(3; \{6^{15}, 3^6, 2^{25}\})$	32614876800
6	$\mathcal{O}(3; \{6^{15}, 3^9, 2^{21}\})$	260919294336
6	$\mathcal{O}(3; \{6^{15}, 3^{12}, 2^{17}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{15}, 3^{15}, 2^{13}\})$	16698832877952
6	$\mathcal{O}(3; \{6^{15}, 3^{18}, 2^9\})$	133590662743680
6	$\mathcal{O}(3; \{6^{15}, 3^{21}, 2^5\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{15}, 3^{24}, 2\})$	8549802417555072
6	$\mathcal{O}(3; \{6^{16}, 3, 2^{30}\})$	2038400640
6	$\mathcal{O}(3; \{6^{16}, 3^4, 2^{26}\})$	16307485056
6	$\mathcal{O}(3; \{6^{16}, 3^7, 2^{22}\})$	130459600512
6	$\mathcal{O}(3; \{6^{16}, 3^{10}, 2^{18}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{16}, 3^{13}, 2^{14}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{16}, 3^{16}, 2^{10}\})$	66795331418496
6	$\mathcal{O}(3; \{6^{16}, 3^{19}, 2^6\})$	534362651068032
6	$\mathcal{O}(3; \{6^{16}, 3^{22}, 2^2\})$	4274901208824192

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^{17}, 3^2, 2^{27}\})$	8153695872
6	$\mathcal{O}(3; \{6^{17}, 3^5, 2^{23}\})$	65229846912
6	$\mathcal{O}(3; \{6^{17}, 3^8, 2^{19}\})$	521838495360
6	$\mathcal{O}(3; \{6^{17}, 3^{11}, 2^{15}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{17}, 3^{14}, 2^{11}\})$	33397665662592
6	$\mathcal{O}(3; \{6^{17}, 3^{17}, 2^7\})$	267181325580672
6	$\mathcal{O}(3; \{6^{17}, 3^{20}, 2^3\})$	2137450604365440
6	$\mathcal{O}(3; \{6^{18}, 2^{28}\})$	4076894592
6	$\mathcal{O}(3; \{6^{18}, 3^3, 2^{24}\})$	32614876800
6	$\mathcal{O}(3; \{6^{18}, 3^6, 2^{20}\})$	260919294336
6	$\mathcal{O}(3; \{6^{18}, 3^9, 2^{16}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{18}, 3^{12}, 2^{12}\})$	16698832877952
6	$\mathcal{O}(3; \{6^{18}, 3^{15}, 2^8\})$	133590662743680
6	$\mathcal{O}(3; \{6^{18}, 3^{18}, 2^4\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{18}, 3^{21}\})$	8549802417555072
6	$\mathcal{O}(3; \{6^{19}, 3, 2^{25}\})$	16307485056
6	$\mathcal{O}(3; \{6^{19}, 3^4, 2^{21}\})$	130459600512
6	$\mathcal{O}(3; \{6^{19}, 3^7, 2^{17}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{19}, 3^{10}, 2^{13}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{19}, 3^{13}, 2^9\})$	66795331418496
6	$\mathcal{O}(3; \{6^{19}, 3^{16}, 2^5\})$	534362651068032
6	$\mathcal{O}(3; \{6^{19}, 3^{19}, 2\})$	4274901208824192
6	$\mathcal{O}(3; \{6^{20}, 3^2, 2^{22}\})$	65229846912
6	$\mathcal{O}(3; \{6^{20}, 3^5, 2^{18}\})$	521838495360
6	$\mathcal{O}(3; \{6^{20}, 3^8, 2^{14}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{20}, 3^{11}, 2^{10}\})$	33397665662592
6	$\mathcal{O}(3; \{6^{20}, 3^{14}, 2^6\})$	267181325580672
6	$\mathcal{O}(3; \{6^{20}, 3^{17}, 2^2\})$	2137450604365440
6	$\mathcal{O}(3; \{6^{21}, 2^{23}\})$	32614876800
6	$\mathcal{O}(3; \{6^{21}, 3^3, 2^{19}\})$	260919294336
6	$\mathcal{O}(3; \{6^{21}, 3^6, 2^{15}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{21}, 3^9, 2^{11}\})$	16698832877952
6	$\mathcal{O}(3; \{6^{21}, 3^{12}, 2^7\})$	133590662743680
6	$\mathcal{O}(3; \{6^{21}, 3^{15}, 2^3\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{22}, 3, 2^{20}\})$	130459600512
6	$\mathcal{O}(3; \{6^{22}, 3^4, 2^{16}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{22}, 3^7, 2^{12}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{22}, 3^{10}, 2^8\})$	66795331418496
6	$\mathcal{O}(3; \{6^{22}, 3^{13}, 2^4\})$	534362651068032
6	$\mathcal{O}(3; \{6^{22}, 3^{16}\})$	4274901208824192
6	$\mathcal{O}(3; \{6^{23}, 3^2, 2^{17}\})$	521838495360
6	$\mathcal{O}(3; \{6^{23}, 3^5, 2^{13}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{23}, 3^8, 2^9\})$	33397665662592

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^{23}, 3^{11}, 2^5\})$	267181325580672
6	$\mathcal{O}(3; \{6^{23}, 3^{14}, 2\})$	2137450604365440
6	$\mathcal{O}(3; \{6^{24}, 2^{18}\})$	260919294336
6	$\mathcal{O}(3; \{6^{24}, 3^3, 2^{14}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{24}, 3^6, 2^{10}\})$	16698832877952
6	$\mathcal{O}(3; \{6^{24}, 3^9, 2^6\})$	133590662743680
6	$\mathcal{O}(3; \{6^{24}, 3^{12}, 2^2\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{25}, 3, 2^{15}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{25}, 3^4, 2^{11}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{25}, 3^7, 2^7\})$	66795331418496
6	$\mathcal{O}(3; \{6^{25}, 3^{10}, 2^3\})$	534362651068032
6	$\mathcal{O}(3; \{6^{26}, 3^2, 2^{12}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{26}, 3^5, 2^8\})$	33397665662592
6	$\mathcal{O}(3; \{6^{26}, 3^8, 2^4\})$	267181325580672
6	$\mathcal{O}(3; \{6^{26}, 3^{11}\})$	2137450604365440
6	$\mathcal{O}(3; \{6^{27}, 2^{13}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{27}, 3^3, 2^9\})$	16698832877952
6	$\mathcal{O}(3; \{6^{27}, 3^6, 2^5\})$	133590662743680
6	$\mathcal{O}(3; \{6^{27}, 3^9, 2\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{28}, 3, 2^{10}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{28}, 3^4, 2^6\})$	66795331418496
6	$\mathcal{O}(3; \{6^{28}, 3^7, 2^2\})$	534362651068032
6	$\mathcal{O}(3; \{6^{29}, 3^2, 2^7\})$	33397665662592
6	$\mathcal{O}(3; \{6^{29}, 3^5, 2^3\})$	267181325580672
6	$\mathcal{O}(3; \{6^{30}, 2^8\})$	16698832877952
6	$\mathcal{O}(3; \{6^{30}, 3^3, 2^4\})$	133590662743680
6	$\mathcal{O}(3; \{6^{30}, 3^6\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{31}, 3, 2^5\})$	66795331418496
6	$\mathcal{O}(3; \{6^{31}, 3^4, 2\})$	534362651068032
6	$\mathcal{O}(3; \{6^{32}, 3^2, 2^2\})$	267181325580672
6	$\mathcal{O}(3; \{6^{33}, 2^3\})$	133590662743680
6	$\mathcal{O}(3; \{6^{34}, 3\})$	534362651068032
6	$\mathcal{O}(2; \{2^{62}\})$	1280
6	$\mathcal{O}(2; \{3^3, 2^{58}\})$	2592
6	$\mathcal{O}(2; \{3^6, 2^{54}\})$	28512
6	$\mathcal{O}(2; \{3^9, 2^{50}\})$	220320
6	$\mathcal{O}(2; \{3^{12}, 2^{46}\})$	1770336
6	$\mathcal{O}(2; \{3^{15}, 2^{42}\})$	14154912
6	$\mathcal{O}(2; \{3^{18}, 2^{38}\})$	113247072
6	$\mathcal{O}(2; \{3^{21}, 2^{34}\})$	905968800
6	$\mathcal{O}(2; \{3^{24}, 2^{30}\})$	7247758176
6	$\mathcal{O}(2; \{3^{27}, 2^{26}\})$	57982057632
6	$\mathcal{O}(2; \{3^{30}, 2^{22}\})$	463856468832

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{3^{33}, 2^{18}\})$	3710851742880
6	$\mathcal{O}(2; \{3^{36}, 2^{14}\})$	29686813950816
6	$\mathcal{O}(2; \{3^{39}, 2^{10}\})$	237494511598752
6	$\mathcal{O}(2; \{3^{42}, 2^6\})$	1899956092797792
6	$\mathcal{O}(2; \{3^{45}, 2^2\})$	15199648742374560
6	$\mathcal{O}(2; \{6, 3, 2^{59}\})$	2592
6	$\mathcal{O}(2; \{6, 3^4, 2^{55}\})$	12960
6	$\mathcal{O}(2; \{6, 3^7, 2^{51}\})$	111456
6	$\mathcal{O}(2; \{6, 3^{10}, 2^{47}\})$	883872
6	$\mathcal{O}(2; \{6, 3^{13}, 2^{43}\})$	7078752
6	$\mathcal{O}(2; \{6, 3^{16}, 2^{39}\})$	56622240
6	$\mathcal{O}(2; \{6, 3^{19}, 2^{35}\})$	452985696
6	$\mathcal{O}(2; \{6, 3^{22}, 2^{31}\})$	3623877792
6	$\mathcal{O}(2; \{6, 3^{25}, 2^{27}\})$	28991030112
6	$\mathcal{O}(2; \{6, 3^{28}, 2^{23}\})$	231928233120
6	$\mathcal{O}(2; \{6, 3^{31}, 2^{19}\})$	1855425872736
6	$\mathcal{O}(2; \{6, 3^{34}, 2^{15}\})$	14843406974112
6	$\mathcal{O}(2; \{6, 3^{37}, 2^{11}\})$	118747255800672
6	$\mathcal{O}(2; \{6, 3^{40}, 2^7\})$	949978046397600
6	$\mathcal{O}(2; \{6, 3^{43}, 2^3\})$	7599824371188576
6	$\mathcal{O}(2; \{6^2, 3^2, 2^{56}\})$	7776
6	$\mathcal{O}(2; \{6^2, 3^5, 2^{52}\})$	54432
6	$\mathcal{O}(2; \{6^2, 3^8, 2^{48}\})$	443232
6	$\mathcal{O}(2; \{6^2, 3^{11}, 2^{44}\})$	3538080
6	$\mathcal{O}(2; \{6^2, 3^{14}, 2^{40}\})$	28312416
6	$\mathcal{O}(2; \{6^2, 3^{17}, 2^{36}\})$	226491552
6	$\mathcal{O}(2; \{6^2, 3^{20}, 2^{32}\})$	1811940192
6	$\mathcal{O}(2; \{6^2, 3^{23}, 2^{28}\})$	14495513760
6	$\mathcal{O}(2; \{6^2, 3^{26}, 2^{24}\})$	115964117856
6	$\mathcal{O}(2; \{6^2, 3^{29}, 2^{20}\})$	927712935072
6	$\mathcal{O}(2; \{6^2, 3^{32}, 2^{16}\})$	7421703488352
6	$\mathcal{O}(2; \{6^2, 3^{35}, 2^{12}\})$	59373627899040
6	$\mathcal{O}(2; \{6^2, 3^{38}, 2^8\})$	474989023200096
6	$\mathcal{O}(2; \{6^2, 3^{41}, 2^4\})$	3799912185592992
6	$\mathcal{O}(2; \{6^2, 3^{44}\})$	30399297484751712
6	$\mathcal{O}(2; \{6^3, 2^{57}\})$	2592
6	$\mathcal{O}(2; \{6^3, 3^3, 2^{53}\})$	28512
6	$\mathcal{O}(2; \{6^3, 3^6, 2^{49}\})$	220320
6	$\mathcal{O}(2; \{6^3, 3^9, 2^{45}\})$	1770336
6	$\mathcal{O}(2; \{6^3, 3^{12}, 2^{41}\})$	14154912
6	$\mathcal{O}(2; \{6^3, 3^{15}, 2^{37}\})$	113247072
6	$\mathcal{O}(2; \{6^3, 3^{18}, 2^{33}\})$	905968800
6	$\mathcal{O}(2; \{6^3, 3^{21}, 2^{29}\})$	7247758176

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^3, 3^{24}, 2^{25}\})$	57982057632
6	$\mathcal{O}(2; \{6^3, 3^{27}, 2^{21}\})$	463856468832
6	$\mathcal{O}(2; \{6^3, 3^{30}, 2^{17}\})$	3710851742880
6	$\mathcal{O}(2; \{6^3, 3^{33}, 2^{13}\})$	29686813950816
6	$\mathcal{O}(2; \{6^3, 3^{36}, 2^9\})$	237494511598752
6	$\mathcal{O}(2; \{6^3, 3^{39}, 2^5\})$	1899956092797792
6	$\mathcal{O}(2; \{6^3, 3^{42}, 2\})$	15199648742374560
6	$\mathcal{O}(2; \{6^4, 3, 2^{54}\})$	12960
6	$\mathcal{O}(2; \{6^4, 3^4, 2^{50}\})$	111456
6	$\mathcal{O}(2; \{6^4, 3^7, 2^{46}\})$	883872
6	$\mathcal{O}(2; \{6^4, 3^{10}, 2^{42}\})$	7078752
6	$\mathcal{O}(2; \{6^4, 3^{13}, 2^{38}\})$	56622240
6	$\mathcal{O}(2; \{6^4, 3^{16}, 2^{34}\})$	452985696
6	$\mathcal{O}(2; \{6^4, 3^{19}, 2^{30}\})$	3623877792
6	$\mathcal{O}(2; \{6^4, 3^{22}, 2^{26}\})$	28991030112
6	$\mathcal{O}(2; \{6^4, 3^{25}, 2^{22}\})$	231928233120
6	$\mathcal{O}(2; \{6^4, 3^{28}, 2^{18}\})$	1855425872736
6	$\mathcal{O}(2; \{6^4, 3^{31}, 2^{14}\})$	14843406974112
6	$\mathcal{O}(2; \{6^4, 3^{34}, 2^{10}\})$	118747255800672
6	$\mathcal{O}(2; \{6^4, 3^{37}, 2^6\})$	949978046397600
6	$\mathcal{O}(2; \{6^4, 3^{40}, 2^2\})$	7599824371188576
6	$\mathcal{O}(2; \{6^5, 3^2, 2^{51}\})$	54432
6	$\mathcal{O}(2; \{6^5, 3^5, 2^{47}\})$	443232
6	$\mathcal{O}(2; \{6^5, 3^8, 2^{43}\})$	3538080
6	$\mathcal{O}(2; \{6^5, 3^{11}, 2^{39}\})$	28312416
6	$\mathcal{O}(2; \{6^5, 3^{14}, 2^{35}\})$	226491552
6	$\mathcal{O}(2; \{6^5, 3^{17}, 2^{31}\})$	1811940192
6	$\mathcal{O}(2; \{6^5, 3^{20}, 2^{27}\})$	14495513760
6	$\mathcal{O}(2; \{6^5, 3^{23}, 2^{23}\})$	115964117856
6	$\mathcal{O}(2; \{6^5, 3^{26}, 2^{19}\})$	927712935072
6	$\mathcal{O}(2; \{6^5, 3^{29}, 2^{15}\})$	7421703488352
6	$\mathcal{O}(2; \{6^5, 3^{32}, 2^{11}\})$	59373627899040
6	$\mathcal{O}(2; \{6^5, 3^{35}, 2^7\})$	474989023200096
6	$\mathcal{O}(2; \{6^5, 3^{38}, 2^3\})$	3799912185592992
6	$\mathcal{O}(2; \{6^6, 2^{52}\})$	28512
6	$\mathcal{O}(2; \{6^6, 3^3, 2^{48}\})$	220320
6	$\mathcal{O}(2; \{6^6, 3^6, 2^{44}\})$	1770336
6	$\mathcal{O}(2; \{6^6, 3^9, 2^{40}\})$	14154912
6	$\mathcal{O}(2; \{6^6, 3^{12}, 2^{36}\})$	113247072
6	$\mathcal{O}(2; \{6^6, 3^{15}, 2^{32}\})$	905968800
6	$\mathcal{O}(2; \{6^6, 3^{18}, 2^{28}\})$	7247758176
6	$\mathcal{O}(2; \{6^6, 3^{21}, 2^{24}\})$	57982057632
6	$\mathcal{O}(2; \{6^6, 3^{24}, 2^{20}\})$	463856468832

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^6, 3^{27}, 2^{16}\})$	3710851742880
6	$\mathcal{O}(2; \{6^6, 3^{30}, 2^{12}\})$	29686813950816
6	$\mathcal{O}(2; \{6^6, 3^{33}, 2^8\})$	237494511598752
6	$\mathcal{O}(2; \{6^6, 3^{36}, 2^4\})$	1899956092797792
6	$\mathcal{O}(2; \{6^6, 3^{39}\})$	15199648742374560
6	$\mathcal{O}(2; \{6^7, 3, 2^{49}\})$	111456
6	$\mathcal{O}(2; \{6^7, 3^4, 2^{45}\})$	883872
6	$\mathcal{O}(2; \{6^7, 3^7, 2^{41}\})$	7078752
6	$\mathcal{O}(2; \{6^7, 3^{10}, 2^{37}\})$	56622240
6	$\mathcal{O}(2; \{6^7, 3^{13}, 2^{33}\})$	452985696
6	$\mathcal{O}(2; \{6^7, 3^{16}, 2^{29}\})$	3623877792
6	$\mathcal{O}(2; \{6^7, 3^{19}, 2^{25}\})$	28991030112
6	$\mathcal{O}(2; \{6^7, 3^{22}, 2^{21}\})$	231928233120
6	$\mathcal{O}(2; \{6^7, 3^{25}, 2^{17}\})$	1855425872736
6	$\mathcal{O}(2; \{6^7, 3^{28}, 2^{13}\})$	14843406974112
6	$\mathcal{O}(2; \{6^7, 3^{31}, 2^9\})$	118747255800672
6	$\mathcal{O}(2; \{6^7, 3^{34}, 2^5\})$	949978046397600
6	$\mathcal{O}(2; \{6^7, 3^{37}, 2\})$	7599824371188576
6	$\mathcal{O}(2; \{6^8, 3^2, 2^{46}\})$	443232
6	$\mathcal{O}(2; \{6^8, 3^5, 2^{42}\})$	3538080
6	$\mathcal{O}(2; \{6^8, 3^8, 2^{38}\})$	28312416
6	$\mathcal{O}(2; \{6^8, 3^{11}, 2^{34}\})$	226491552
6	$\mathcal{O}(2; \{6^8, 3^{14}, 2^{30}\})$	1811940192
6	$\mathcal{O}(2; \{6^8, 3^{17}, 2^{26}\})$	14495513760
6	$\mathcal{O}(2; \{6^8, 3^{20}, 2^{22}\})$	115964117856
6	$\mathcal{O}(2; \{6^8, 3^{23}, 2^{18}\})$	927712935072
6	$\mathcal{O}(2; \{6^8, 3^{26}, 2^{14}\})$	7421703488352
6	$\mathcal{O}(2; \{6^8, 3^{29}, 2^{10}\})$	59373627899040
6	$\mathcal{O}(2; \{6^8, 3^{32}, 2^6\})$	474989023200096
6	$\mathcal{O}(2; \{6^8, 3^{35}, 2^2\})$	3799912185592992
6	$\mathcal{O}(2; \{6^9, 2^{47}\})$	220320
6	$\mathcal{O}(2; \{6^9, 3^3, 2^{43}\})$	1770336
6	$\mathcal{O}(2; \{6^9, 3^6, 2^{39}\})$	14154912
6	$\mathcal{O}(2; \{6^9, 3^9, 2^{35}\})$	113247072
6	$\mathcal{O}(2; \{6^9, 3^{12}, 2^{31}\})$	905968800
6	$\mathcal{O}(2; \{6^9, 3^{15}, 2^{27}\})$	7247758176
6	$\mathcal{O}(2; \{6^9, 3^{18}, 2^{23}\})$	57982057632
6	$\mathcal{O}(2; \{6^9, 3^{21}, 2^{19}\})$	463856468832
6	$\mathcal{O}(2; \{6^9, 3^{24}, 2^{15}\})$	3710851742880
6	$\mathcal{O}(2; \{6^9, 3^{27}, 2^{11}\})$	29686813950816
6	$\mathcal{O}(2; \{6^9, 3^{30}, 2^7\})$	237494511598752
6	$\mathcal{O}(2; \{6^9, 3^{33}, 2^3\})$	1899956092797792
6	$\mathcal{O}(2; \{6^{10}, 3, 2^{44}\})$	883872

Continued on next page

Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^{10}, 3^4, 2^{40}\})$	7078752
6	$\mathcal{O}(2; \{6^{10}, 3^7, 2^{36}\})$	56622240
6	$\mathcal{O}(2; \{6^{10}, 3^{10}, 2^{32}\})$	452985696
6	$\mathcal{O}(2; \{6^{10}, 3^{13}, 2^{28}\})$	3623877792
6	$\mathcal{O}(2; \{6^{10}, 3^{16}, 2^{24}\})$	28991030112
6	$\mathcal{O}(2; \{6^{10}, 3^{19}, 2^{20}\})$	231928233120
6	$\mathcal{O}(2; \{6^{10}, 3^{22}, 2^{16}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{10}, 3^{25}, 2^{12}\})$	14843406974112
6	$\mathcal{O}(2; \{6^{10}, 3^{28}, 2^8\})$	118747255800672
6	$\mathcal{O}(2; \{6^{10}, 3^{31}, 2^4\})$	949978046397600
6	$\mathcal{O}(2; \{6^{10}, 3^{34}\})$	7599824371188576
6	$\mathcal{O}(2; \{6^{11}, 3^2, 2^{41}\})$	3538080
6	$\mathcal{O}(2; \{6^{11}, 3^5, 2^{37}\})$	28312416
6	$\mathcal{O}(2; \{6^{11}, 3^8, 2^{33}\})$	226491552
6	$\mathcal{O}(2; \{6^{11}, 3^{11}, 2^{29}\})$	1811940192
6	$\mathcal{O}(2; \{6^{11}, 3^{14}, 2^{25}\})$	14495513760
6	$\mathcal{O}(2; \{6^{11}, 3^{17}, 2^{21}\})$	115964117856
6	$\mathcal{O}(2; \{6^{11}, 3^{20}, 2^{17}\})$	927712935072
6	$\mathcal{O}(2; \{6^{11}, 3^{23}, 2^{13}\})$	7421703488352
6	$\mathcal{O}(2; \{6^{11}, 3^{26}, 2^9\})$	59373627899040
6	$\mathcal{O}(2; \{6^{11}, 3^{29}, 2^5\})$	474989023200096
6	$\mathcal{O}(2; \{6^{11}, 3^{32}, 2\})$	3799912185592992
6	$\mathcal{O}(2; \{6^{12}, 2^{42}\})$	1770336
6	$\mathcal{O}(2; \{6^{12}, 3^3, 2^{38}\})$	14154912
6	$\mathcal{O}(2; \{6^{12}, 3^6, 2^{34}\})$	113247072
6	$\mathcal{O}(2; \{6^{12}, 3^9, 2^{30}\})$	905968800
6	$\mathcal{O}(2; \{6^{12}, 3^{12}, 2^{26}\})$	7247758176
6	$\mathcal{O}(2; \{6^{12}, 3^{15}, 2^{22}\})$	57982057632
6	$\mathcal{O}(2; \{6^{12}, 3^{18}, 2^{18}\})$	463856468832
6	$\mathcal{O}(2; \{6^{12}, 3^{21}, 2^{14}\})$	3710851742880
6	$\mathcal{O}(2; \{6^{12}, 3^{24}, 2^{10}\})$	29686813950816
6	$\mathcal{O}(2; \{6^{12}, 3^{27}, 2^6\})$	237494511598752
6	$\mathcal{O}(2; \{6^{12}, 3^{30}, 2^2\})$	1899956092797792
6	$\mathcal{O}(2; \{6^{13}, 3, 2^{39}\})$	7078752
6	$\mathcal{O}(2; \{6^{13}, 3^4, 2^{35}\})$	56622240
6	$\mathcal{O}(2; \{6^{13}, 3^7, 2^{31}\})$	452985696
6	$\mathcal{O}(2; \{6^{13}, 3^{10}, 2^{27}\})$	3623877792
6	$\mathcal{O}(2; \{6^{13}, 3^{13}, 2^{23}\})$	28991030112
6	$\mathcal{O}(2; \{6^{13}, 3^{16}, 2^{19}\})$	231928233120
6	$\mathcal{O}(2; \{6^{13}, 3^{19}, 2^{15}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{13}, 3^{22}, 2^{11}\})$	14843406974112
6	$\mathcal{O}(2; \{6^{13}, 3^{25}, 2^7\})$	118747255800672
6	$\mathcal{O}(2; \{6^{13}, 3^{28}, 2^3\})$	949978046397600

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^{14}, 3^2, 2^{36}\})$	28312416
6	$\mathcal{O}(2; \{6^{14}, 3^5, 2^{32}\})$	226491552
6	$\mathcal{O}(2; \{6^{14}, 3^8, 2^{28}\})$	1811940192
6	$\mathcal{O}(2; \{6^{14}, 3^{11}, 2^{24}\})$	14495513760
6	$\mathcal{O}(2; \{6^{14}, 3^{14}, 2^{20}\})$	115964117856
6	$\mathcal{O}(2; \{6^{14}, 3^{17}, 2^{16}\})$	927712935072
6	$\mathcal{O}(2; \{6^{14}, 3^{20}, 2^{12}\})$	7421703488352
6	$\mathcal{O}(2; \{6^{14}, 3^{23}, 2^8\})$	59373627899040
6	$\mathcal{O}(2; \{6^{14}, 3^{26}, 2^4\})$	474989023200096
6	$\mathcal{O}(2; \{6^{14}, 3^{29}\})$	3799912185592992
6	$\mathcal{O}(2; \{6^{15}, 2^{37}\})$	14154912
6	$\mathcal{O}(2; \{6^{15}, 3^3, 2^{33}\})$	113247072
6	$\mathcal{O}(2; \{6^{15}, 3^6, 2^{29}\})$	905968800
6	$\mathcal{O}(2; \{6^{15}, 3^9, 2^{25}\})$	7247758176
6	$\mathcal{O}(2; \{6^{15}, 3^{12}, 2^{21}\})$	57982057632
6	$\mathcal{O}(2; \{6^{15}, 3^{15}, 2^{17}\})$	463856468832
6	$\mathcal{O}(2; \{6^{15}, 3^{18}, 2^{13}\})$	3710851742880
6	$\mathcal{O}(2; \{6^{15}, 3^{21}, 2^9\})$	29686813950816
6	$\mathcal{O}(2; \{6^{15}, 3^{24}, 2^5\})$	237494511598752
6	$\mathcal{O}(2; \{6^{15}, 3^{27}, 2\})$	1899956092797792
6	$\mathcal{O}(2; \{6^{16}, 3, 2^{34}\})$	56622240
6	$\mathcal{O}(2; \{6^{16}, 3^4, 2^{30}\})$	452985696
6	$\mathcal{O}(2; \{6^{16}, 3^7, 2^{26}\})$	3623877792
6	$\mathcal{O}(2; \{6^{16}, 3^{10}, 2^{22}\})$	28991030112
6	$\mathcal{O}(2; \{6^{16}, 3^{13}, 2^{18}\})$	231928233120
6	$\mathcal{O}(2; \{6^{16}, 3^{16}, 2^{14}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{16}, 3^{19}, 2^{10}\})$	14843406974112
6	$\mathcal{O}(2; \{6^{16}, 3^{22}, 2^6\})$	118747255800672
6	$\mathcal{O}(2; \{6^{16}, 3^{25}, 2^2\})$	949978046397600
6	$\mathcal{O}(2; \{6^{17}, 3^2, 2^{31}\})$	226491552
6	$\mathcal{O}(2; \{6^{17}, 3^5, 2^{27}\})$	1811940192
6	$\mathcal{O}(2; \{6^{17}, 3^8, 2^{23}\})$	14495513760
6	$\mathcal{O}(2; \{6^{17}, 3^{11}, 2^{19}\})$	115964117856
6	$\mathcal{O}(2; \{6^{17}, 3^{14}, 2^{15}\})$	927712935072
6	$\mathcal{O}(2; \{6^{17}, 3^{17}, 2^{11}\})$	7421703488352
6	$\mathcal{O}(2; \{6^{17}, 3^{20}, 2^7\})$	59373627899040
6	$\mathcal{O}(2; \{6^{17}, 3^{23}, 2^3\})$	474989023200096
6	$\mathcal{O}(2; \{6^{18}, 2^{32}\})$	113247072
6	$\mathcal{O}(2; \{6^{18}, 3^3, 2^{28}\})$	905968800
6	$\mathcal{O}(2; \{6^{18}, 3^6, 2^{24}\})$	7247758176
6	$\mathcal{O}(2; \{6^{18}, 3^9, 2^{20}\})$	57982057632
6	$\mathcal{O}(2; \{6^{18}, 3^{12}, 2^{16}\})$	463856468832
6	$\mathcal{O}(2; \{6^{18}, 3^{15}, 2^{12}\})$	3710851742880

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^{18}, 3^{18}, 2^8\})$	29686813950816
6	$\mathcal{O}(2; \{6^{18}, 3^{21}, 2^4\})$	237494511598752
6	$\mathcal{O}(2; \{6^{18}, 3^{24}\})$	1899956092797792
6	$\mathcal{O}(2; \{6^{19}, 3, 2^{29}\})$	452985696
6	$\mathcal{O}(2; \{6^{19}, 3^4, 2^{25}\})$	3623877792
6	$\mathcal{O}(2; \{6^{19}, 3^7, 2^{21}\})$	28991030112
6	$\mathcal{O}(2; \{6^{19}, 3^{10}, 2^{17}\})$	231928233120
6	$\mathcal{O}(2; \{6^{19}, 3^{13}, 2^{13}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{19}, 3^{16}, 2^9\})$	14843406974112
6	$\mathcal{O}(2; \{6^{19}, 3^{19}, 2^5\})$	118747255800672
6	$\mathcal{O}(2; \{6^{19}, 3^{22}, 2\})$	949978046397600
6	$\mathcal{O}(2; \{6^{20}, 3^2, 2^{26}\})$	1811940192
6	$\mathcal{O}(2; \{6^{20}, 3^5, 2^{22}\})$	14495513760
6	$\mathcal{O}(2; \{6^{20}, 3^8, 2^{18}\})$	115964117856
6	$\mathcal{O}(2; \{6^{20}, 3^{11}, 2^{14}\})$	927712935072
6	$\mathcal{O}(2; \{6^{20}, 3^{14}, 2^{10}\})$	7421703488352
6	$\mathcal{O}(2; \{6^{20}, 3^{17}, 2^6\})$	59373627899040
6	$\mathcal{O}(2; \{6^{20}, 3^{20}, 2^2\})$	474989023200096
6	$\mathcal{O}(2; \{6^{21}, 2^{27}\})$	905968800
6	$\mathcal{O}(2; \{6^{21}, 3^3, 2^{23}\})$	7247758176
6	$\mathcal{O}(2; \{6^{21}, 3^6, 2^{19}\})$	57982057632
6	$\mathcal{O}(2; \{6^{21}, 3^9, 2^{15}\})$	463856468832
6	$\mathcal{O}(2; \{6^{21}, 3^{12}, 2^{11}\})$	3710851742880
6	$\mathcal{O}(2; \{6^{21}, 3^{15}, 2^7\})$	29686813950816
6	$\mathcal{O}(2; \{6^{21}, 3^{18}, 2^3\})$	237494511598752
6	$\mathcal{O}(2; \{6^{22}, 3, 2^{24}\})$	3623877792
6	$\mathcal{O}(2; \{6^{22}, 3^4, 2^{20}\})$	28991030112
6	$\mathcal{O}(2; \{6^{22}, 3^7, 2^{16}\})$	231928233120
6	$\mathcal{O}(2; \{6^{22}, 3^{10}, 2^{12}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{22}, 3^{13}, 2^8\})$	14843406974112
6	$\mathcal{O}(2; \{6^{22}, 3^{16}, 2^4\})$	118747255800672
6	$\mathcal{O}(2; \{6^{22}, 3^{19}\})$	949978046397600
6	$\mathcal{O}(2; \{6^{23}, 3^2, 2^{21}\})$	14495513760
6	$\mathcal{O}(2; \{6^{23}, 3^5, 2^{17}\})$	115964117856
6	$\mathcal{O}(2; \{6^{23}, 3^8, 2^{13}\})$	927712935072
6	$\mathcal{O}(2; \{6^{23}, 3^{11}, 2^9\})$	7421703488352
6	$\mathcal{O}(2; \{6^{23}, 3^{14}, 2^5\})$	59373627899040
6	$\mathcal{O}(2; \{6^{23}, 3^{17}, 2\})$	474989023200096
6	$\mathcal{O}(2; \{6^{24}, 2^{22}\})$	7247758176
6	$\mathcal{O}(2; \{6^{24}, 3^3, 2^{18}\})$	57982057632
6	$\mathcal{O}(2; \{6^{24}, 3^6, 2^{14}\})$	463856468832
6	$\mathcal{O}(2; \{6^{24}, 3^9, 2^{10}\})$	3710851742880
6	$\mathcal{O}(2; \{6^{24}, 3^{12}, 2^6\})$	29686813950816

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^{24}, 3^{15}, 2^2\})$	237494511598752
6	$\mathcal{O}(2; \{6^{25}, 3, 2^{19}\})$	28991030112
6	$\mathcal{O}(2; \{6^{25}, 3^4, 2^{15}\})$	231928233120
6	$\mathcal{O}(2; \{6^{25}, 3^7, 2^{11}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{25}, 3^{10}, 2^7\})$	14843406974112
6	$\mathcal{O}(2; \{6^{25}, 3^{13}, 2^3\})$	118747255800672
6	$\mathcal{O}(2; \{6^{26}, 3^2, 2^{16}\})$	115964117856
6	$\mathcal{O}(2; \{6^{26}, 3^5, 2^{12}\})$	927712935072
6	$\mathcal{O}(2; \{6^{26}, 3^8, 2^8\})$	7421703488352
6	$\mathcal{O}(2; \{6^{26}, 3^{11}, 2^4\})$	59373627899040
6	$\mathcal{O}(2; \{6^{26}, 3^{14}\})$	474989023200096
6	$\mathcal{O}(2; \{6^{27}, 2^{17}\})$	57982057632
6	$\mathcal{O}(2; \{6^{27}, 3^3, 2^{13}\})$	463856468832
6	$\mathcal{O}(2; \{6^{27}, 3^6, 2^9\})$	3710851742880
6	$\mathcal{O}(2; \{6^{27}, 3^9, 2^5\})$	29686813950816
6	$\mathcal{O}(2; \{6^{27}, 3^{12}, 2\})$	237494511598752
6	$\mathcal{O}(2; \{6^{28}, 3, 2^{14}\})$	231928233120
6	$\mathcal{O}(2; \{6^{28}, 3^4, 2^{10}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{28}, 3^7, 2^6\})$	14843406974112
6	$\mathcal{O}(2; \{6^{28}, 3^{10}, 2^2\})$	118747255800672
6	$\mathcal{O}(2; \{6^{29}, 3^2, 2^{11}\})$	927712935072
6	$\mathcal{O}(2; \{6^{29}, 3^5, 2^7\})$	7421703488352
6	$\mathcal{O}(2; \{6^{29}, 3^8, 2^3\})$	59373627899040
6	$\mathcal{O}(2; \{6^{30}, 2^{12}\})$	463856468832
6	$\mathcal{O}(2; \{6^{30}, 3^3, 2^8\})$	3710851742880
6	$\mathcal{O}(2; \{6^{30}, 3^6, 2^4\})$	29686813950816
6	$\mathcal{O}(2; \{6^{30}, 3^9\})$	237494511598752
6	$\mathcal{O}(2; \{6^{31}, 3, 2^9\})$	1855425872736
6	$\mathcal{O}(2; \{6^{31}, 3^4, 2^5\})$	14843406974112
6	$\mathcal{O}(2; \{6^{31}, 3^7, 2\})$	118747255800672
6	$\mathcal{O}(2; \{6^{32}, 3^2, 2^6\})$	7421703488352
6	$\mathcal{O}(2; \{6^{32}, 3^5, 2^2\})$	59373627899040
6	$\mathcal{O}(2; \{6^{33}, 2^7\})$	3710851742880
6	$\mathcal{O}(2; \{6^{33}, 3^3, 2^3\})$	29686813950816
6	$\mathcal{O}(2; \{6^{34}, 3, 2^4\})$	14843406974112
6	$\mathcal{O}(2; \{6^{34}, 3^4\})$	118747255800672
6	$\mathcal{O}(2; \{6^{35}, 3^2, 2\})$	59373627899040
6	$\mathcal{O}(2; \{6^{36}, 2^2\})$	29686813950816
6	$\mathcal{O}(1; \{2^{66}\})$	32
6	$\mathcal{O}(1; \{3^3, 2^{62}\})$	72
6	$\mathcal{O}(1; \{3^6, 2^{58}\})$	792
6	$\mathcal{O}(1; \{3^9, 2^{54}\})$	6120
6	$\mathcal{O}(1; \{3^{12}, 2^{50}\})$	49176

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{3^{15}, 2^{46}\})$	393192
6	$\mathcal{O}(1; \{3^{18}, 2^{42}\})$	3145752
6	$\mathcal{O}(1; \{3^{21}, 2^{38}\})$	25165800
6	$\mathcal{O}(1; \{3^{24}, 2^{34}\})$	201326616
6	$\mathcal{O}(1; \{3^{27}, 2^{30}\})$	1610612712
6	$\mathcal{O}(1; \{3^{30}, 2^{26}\})$	12884901912
6	$\mathcal{O}(1; \{3^{33}, 2^{22}\})$	103079215080
6	$\mathcal{O}(1; \{3^{36}, 2^{18}\})$	824633720856
6	$\mathcal{O}(1; \{3^{39}, 2^{14}\})$	6597069766632
6	$\mathcal{O}(1; \{3^{42}, 2^{10}\})$	52776558133272
6	$\mathcal{O}(1; \{3^{45}, 2^6\})$	422212465065960
6	$\mathcal{O}(1; \{3^{48}, 2^2\})$	3377699720527896
6	$\mathcal{O}(1; \{6, 3, 2^{63}\})$	72
6	$\mathcal{O}(1; \{6, 3^4, 2^{59}\})$	360
6	$\mathcal{O}(1; \{6, 3^7, 2^{55}\})$	3096
6	$\mathcal{O}(1; \{6, 3^{10}, 2^{51}\})$	24552
6	$\mathcal{O}(1; \{6, 3^{13}, 2^{47}\})$	196632
6	$\mathcal{O}(1; \{6, 3^{16}, 2^{43}\})$	1572840
6	$\mathcal{O}(1; \{6, 3^{19}, 2^{39}\})$	12582936
6	$\mathcal{O}(1; \{6, 3^{22}, 2^{35}\})$	100663272
6	$\mathcal{O}(1; \{6, 3^{25}, 2^{31}\})$	805306392
6	$\mathcal{O}(1; \{6, 3^{28}, 2^{27}\})$	6442450920
6	$\mathcal{O}(1; \{6, 3^{31}, 2^{23}\})$	51539607576
6	$\mathcal{O}(1; \{6, 3^{34}, 2^{19}\})$	412316860392
6	$\mathcal{O}(1; \{6, 3^{37}, 2^{15}\})$	3298534883352
6	$\mathcal{O}(1; \{6, 3^{40}, 2^{11}\})$	26388279066600
6	$\mathcal{O}(1; \{6, 3^{43}, 2^7\})$	211106232533016
6	$\mathcal{O}(1; \{6, 3^{46}, 2^3\})$	1688849860263912
6	$\mathcal{O}(1; \{6^2, 3^2, 2^{60}\})$	216
6	$\mathcal{O}(1; \{6^2, 3^5, 2^{56}\})$	1512
6	$\mathcal{O}(1; \{6^2, 3^8, 2^{52}\})$	12312
6	$\mathcal{O}(1; \{6^2, 3^{11}, 2^{48}\})$	98280
6	$\mathcal{O}(1; \{6^2, 3^{14}, 2^{44}\})$	786456
6	$\mathcal{O}(1; \{6^2, 3^{17}, 2^{40}\})$	6291432
6	$\mathcal{O}(1; \{6^2, 3^{20}, 2^{36}\})$	50331672
6	$\mathcal{O}(1; \{6^2, 3^{23}, 2^{32}\})$	402653160
6	$\mathcal{O}(1; \{6^2, 3^{26}, 2^{28}\})$	3221225496
6	$\mathcal{O}(1; \{6^2, 3^{29}, 2^{24}\})$	25769803752
6	$\mathcal{O}(1; \{6^2, 3^{32}, 2^{20}\})$	206158430232
6	$\mathcal{O}(1; \{6^2, 3^{35}, 2^{16}\})$	1649267441640
6	$\mathcal{O}(1; \{6^2, 3^{38}, 2^{12}\})$	13194139533336
6	$\mathcal{O}(1; \{6^2, 3^{41}, 2^8\})$	105553116266472
6	$\mathcal{O}(1; \{6^2, 3^{44}, 2^4\})$	844424930131992

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^2, 3^{47}\})$	6755399441055720
6	$\mathcal{O}(1; \{6^3, 2^{61}\})$	72
6	$\mathcal{O}(1; \{6^3, 3^3, 2^{57}\})$	792
6	$\mathcal{O}(1; \{6^3, 3^6, 2^{53}\})$	6120
6	$\mathcal{O}(1; \{6^3, 3^9, 2^{49}\})$	49176
6	$\mathcal{O}(1; \{6^3, 3^{12}, 2^{45}\})$	393192
6	$\mathcal{O}(1; \{6^3, 3^{15}, 2^{41}\})$	3145752
6	$\mathcal{O}(1; \{6^3, 3^{18}, 2^{37}\})$	25165800
6	$\mathcal{O}(1; \{6^3, 3^{21}, 2^{33}\})$	201326616
6	$\mathcal{O}(1; \{6^3, 3^{24}, 2^{29}\})$	1610612712
6	$\mathcal{O}(1; \{6^3, 3^{27}, 2^{25}\})$	12884901912
6	$\mathcal{O}(1; \{6^3, 3^{30}, 2^{21}\})$	103079215080
6	$\mathcal{O}(1; \{6^3, 3^{33}, 2^{17}\})$	824633720856
6	$\mathcal{O}(1; \{6^3, 3^{36}, 2^{13}\})$	6597069766632
6	$\mathcal{O}(1; \{6^3, 3^{39}, 2^9\})$	52776558133272
6	$\mathcal{O}(1; \{6^3, 3^{42}, 2^5\})$	422212465065960
6	$\mathcal{O}(1; \{6^3, 3^{45}, 2\})$	3377699720527896
6	$\mathcal{O}(1; \{6^4, 3, 2^{58}\})$	360
6	$\mathcal{O}(1; \{6^4, 3^4, 2^{54}\})$	3096
6	$\mathcal{O}(1; \{6^4, 3^7, 2^{50}\})$	24552
6	$\mathcal{O}(1; \{6^4, 3^{10}, 2^{46}\})$	196632
6	$\mathcal{O}(1; \{6^4, 3^{13}, 2^{42}\})$	1572840
6	$\mathcal{O}(1; \{6^4, 3^{16}, 2^{38}\})$	12582936
6	$\mathcal{O}(1; \{6^4, 3^{19}, 2^{34}\})$	100663272
6	$\mathcal{O}(1; \{6^4, 3^{22}, 2^{30}\})$	805306392
6	$\mathcal{O}(1; \{6^4, 3^{25}, 2^{26}\})$	6442450920
6	$\mathcal{O}(1; \{6^4, 3^{28}, 2^{22}\})$	51539607576
6	$\mathcal{O}(1; \{6^4, 3^{31}, 2^{18}\})$	412316860392
6	$\mathcal{O}(1; \{6^4, 3^{34}, 2^{14}\})$	3298534883352
6	$\mathcal{O}(1; \{6^4, 3^{37}, 2^{10}\})$	26388279066600
6	$\mathcal{O}(1; \{6^4, 3^{40}, 2^6\})$	211106232533016
6	$\mathcal{O}(1; \{6^4, 3^{43}, 2^2\})$	1688849860263912
6	$\mathcal{O}(1; \{6^5, 3^2, 2^{55}\})$	1512
6	$\mathcal{O}(1; \{6^5, 3^5, 2^{51}\})$	12312
6	$\mathcal{O}(1; \{6^5, 3^8, 2^{47}\})$	98280
6	$\mathcal{O}(1; \{6^5, 3^{11}, 2^{43}\})$	786456
6	$\mathcal{O}(1; \{6^5, 3^{14}, 2^{39}\})$	6291432
6	$\mathcal{O}(1; \{6^5, 3^{17}, 2^{35}\})$	50331672
6	$\mathcal{O}(1; \{6^5, 3^{20}, 2^{31}\})$	402653160
6	$\mathcal{O}(1; \{6^5, 3^{23}, 2^{27}\})$	3221225496
6	$\mathcal{O}(1; \{6^5, 3^{26}, 2^{23}\})$	25769803752
6	$\mathcal{O}(1; \{6^5, 3^{29}, 2^{19}\})$	206158430232
6	$\mathcal{O}(1; \{6^5, 3^{32}, 2^{15}\})$	1649267441640

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^5, 3^{35}, 2^{11}\})$	13194139533336
6	$\mathcal{O}(1; \{6^5, 3^{38}, 2^7\})$	105553116266472
6	$\mathcal{O}(1; \{6^5, 3^{41}, 2^3\})$	844424930131992
6	$\mathcal{O}(1; \{6^6, 2^{56}\})$	792
6	$\mathcal{O}(1; \{6^6, 3^3, 2^{52}\})$	6120
6	$\mathcal{O}(1; \{6^6, 3^6, 2^{48}\})$	49176
6	$\mathcal{O}(1; \{6^6, 3^9, 2^{44}\})$	393192
6	$\mathcal{O}(1; \{6^6, 3^{12}, 2^{40}\})$	3145752
6	$\mathcal{O}(1; \{6^6, 3^{15}, 2^{36}\})$	25165800
6	$\mathcal{O}(1; \{6^6, 3^{18}, 2^{32}\})$	201326616
6	$\mathcal{O}(1; \{6^6, 3^{21}, 2^{28}\})$	1610612712
6	$\mathcal{O}(1; \{6^6, 3^{24}, 2^{24}\})$	12884901912
6	$\mathcal{O}(1; \{6^6, 3^{27}, 2^{20}\})$	103079215080
6	$\mathcal{O}(1; \{6^6, 3^{30}, 2^{16}\})$	824633720856
6	$\mathcal{O}(1; \{6^6, 3^{33}, 2^{12}\})$	6597069766632
6	$\mathcal{O}(1; \{6^6, 3^{36}, 2^8\})$	52776558133272
6	$\mathcal{O}(1; \{6^6, 3^{39}, 2^4\})$	422212465065960
6	$\mathcal{O}(1; \{6^6, 3^{42}\})$	3377699720527896
6	$\mathcal{O}(1; \{6^7, 3, 2^{53}\})$	3096
6	$\mathcal{O}(1; \{6^7, 3^4, 2^{49}\})$	24552
6	$\mathcal{O}(1; \{6^7, 3^7, 2^{45}\})$	196632
6	$\mathcal{O}(1; \{6^7, 3^{10}, 2^{41}\})$	1572840
6	$\mathcal{O}(1; \{6^7, 3^{13}, 2^{37}\})$	12582936
6	$\mathcal{O}(1; \{6^7, 3^{16}, 2^{33}\})$	100663272
6	$\mathcal{O}(1; \{6^7, 3^{19}, 2^{29}\})$	805306392
6	$\mathcal{O}(1; \{6^7, 3^{22}, 2^{25}\})$	6442450920
6	$\mathcal{O}(1; \{6^7, 3^{25}, 2^{21}\})$	51539607576
6	$\mathcal{O}(1; \{6^7, 3^{28}, 2^{17}\})$	412316860392
6	$\mathcal{O}(1; \{6^7, 3^{31}, 2^{13}\})$	3298534883352
6	$\mathcal{O}(1; \{6^7, 3^{34}, 2^9\})$	26388279066600
6	$\mathcal{O}(1; \{6^7, 3^{37}, 2^5\})$	211106232533016
6	$\mathcal{O}(1; \{6^7, 3^{40}, 2\})$	1688849860263912
6	$\mathcal{O}(1; \{6^8, 3^2, 2^{50}\})$	12312
6	$\mathcal{O}(1; \{6^8, 3^5, 2^{46}\})$	98280
6	$\mathcal{O}(1; \{6^8, 3^8, 2^{42}\})$	786456
6	$\mathcal{O}(1; \{6^8, 3^{11}, 2^{38}\})$	6291432
6	$\mathcal{O}(1; \{6^8, 3^{14}, 2^{34}\})$	50331672
6	$\mathcal{O}(1; \{6^8, 3^{17}, 2^{30}\})$	402653160
6	$\mathcal{O}(1; \{6^8, 3^{20}, 2^{26}\})$	3221225496
6	$\mathcal{O}(1; \{6^8, 3^{23}, 2^{22}\})$	25769803752
6	$\mathcal{O}(1; \{6^8, 3^{26}, 2^{18}\})$	206158430232
6	$\mathcal{O}(1; \{6^8, 3^{29}, 2^{14}\})$	1649267441640
6	$\mathcal{O}(1; \{6^8, 3^{32}, 2^{10}\})$	13194139533336

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^8, 3^{35}, 2^6\})$	105553116266472
6	$\mathcal{O}(1; \{6^8, 3^{38}, 2^2\})$	844424930131992
6	$\mathcal{O}(1; \{6^9, 2^{51}\})$	6120
6	$\mathcal{O}(1; \{6^9, 3^3, 2^{47}\})$	49176
6	$\mathcal{O}(1; \{6^9, 3^6, 2^{43}\})$	393192
6	$\mathcal{O}(1; \{6^9, 3^9, 2^{39}\})$	3145752
6	$\mathcal{O}(1; \{6^9, 3^{12}, 2^{35}\})$	25165800
6	$\mathcal{O}(1; \{6^9, 3^{15}, 2^{31}\})$	201326616
6	$\mathcal{O}(1; \{6^9, 3^{18}, 2^{27}\})$	1610612712
6	$\mathcal{O}(1; \{6^9, 3^{21}, 2^{23}\})$	12884901912
6	$\mathcal{O}(1; \{6^9, 3^{24}, 2^{19}\})$	103079215080
6	$\mathcal{O}(1; \{6^9, 3^{27}, 2^{15}\})$	824633720856
6	$\mathcal{O}(1; \{6^9, 3^{30}, 2^{11}\})$	6597069766632
6	$\mathcal{O}(1; \{6^9, 3^{33}, 2^7\})$	52776558133272
6	$\mathcal{O}(1; \{6^9, 3^{36}, 2^3\})$	422212465065960
6	$\mathcal{O}(1; \{6^{10}, 3, 2^{48}\})$	24552
6	$\mathcal{O}(1; \{6^{10}, 3^4, 2^{44}\})$	196632
6	$\mathcal{O}(1; \{6^{10}, 3^7, 2^{40}\})$	1572840
6	$\mathcal{O}(1; \{6^{10}, 3^{10}, 2^{36}\})$	12582936
6	$\mathcal{O}(1; \{6^{10}, 3^{13}, 2^{32}\})$	100663272
6	$\mathcal{O}(1; \{6^{10}, 3^{16}, 2^{28}\})$	805306392
6	$\mathcal{O}(1; \{6^{10}, 3^{19}, 2^{24}\})$	6442450920
6	$\mathcal{O}(1; \{6^{10}, 3^{22}, 2^{20}\})$	51539607576
6	$\mathcal{O}(1; \{6^{10}, 3^{25}, 2^{16}\})$	412316860392
6	$\mathcal{O}(1; \{6^{10}, 3^{28}, 2^{12}\})$	3298534883352
6	$\mathcal{O}(1; \{6^{10}, 3^{31}, 2^8\})$	26388279066600
6	$\mathcal{O}(1; \{6^{10}, 3^{34}, 2^4\})$	211106232533016
6	$\mathcal{O}(1; \{6^{10}, 3^{37}\})$	1688849860263912
6	$\mathcal{O}(1; \{6^{11}, 3^2, 2^{45}\})$	98280
6	$\mathcal{O}(1; \{6^{11}, 3^5, 2^{41}\})$	786456
6	$\mathcal{O}(1; \{6^{11}, 3^8, 2^{37}\})$	6291432
6	$\mathcal{O}(1; \{6^{11}, 3^{11}, 2^{33}\})$	50331672
6	$\mathcal{O}(1; \{6^{11}, 3^{14}, 2^{29}\})$	402653160
6	$\mathcal{O}(1; \{6^{11}, 3^{17}, 2^{25}\})$	3221225496
6	$\mathcal{O}(1; \{6^{11}, 3^{20}, 2^{21}\})$	25769803752
6	$\mathcal{O}(1; \{6^{11}, 3^{23}, 2^{17}\})$	206158430232
6	$\mathcal{O}(1; \{6^{11}, 3^{26}, 2^{13}\})$	1649267441640
6	$\mathcal{O}(1; \{6^{11}, 3^{29}, 2^9\})$	13194139533336
6	$\mathcal{O}(1; \{6^{11}, 3^{32}, 2^5\})$	105553116266472
6	$\mathcal{O}(1; \{6^{11}, 3^{35}, 2\})$	844424930131992
6	$\mathcal{O}(1; \{6^{12}, 2^{46}\})$	49176
6	$\mathcal{O}(1; \{6^{12}, 3^3, 2^{42}\})$	393192
6	$\mathcal{O}(1; \{6^{12}, 3^6, 2^{38}\})$	3145752

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{12}, 3^9, 2^{34}\})$	25165800
6	$\mathcal{O}(1; \{6^{12}, 3^{12}, 2^{30}\})$	201326616
6	$\mathcal{O}(1; \{6^{12}, 3^{15}, 2^{26}\})$	1610612712
6	$\mathcal{O}(1; \{6^{12}, 3^{18}, 2^{22}\})$	12884901912
6	$\mathcal{O}(1; \{6^{12}, 3^{21}, 2^{18}\})$	103079215080
6	$\mathcal{O}(1; \{6^{12}, 3^{24}, 2^{14}\})$	824633720856
6	$\mathcal{O}(1; \{6^{12}, 3^{27}, 2^{10}\})$	6597069766632
6	$\mathcal{O}(1; \{6^{12}, 3^{30}, 2^6\})$	52776558133272
6	$\mathcal{O}(1; \{6^{12}, 3^{33}, 2^2\})$	422212465065960
6	$\mathcal{O}(1; \{6^{13}, 3, 2^{43}\})$	196632
6	$\mathcal{O}(1; \{6^{13}, 3^4, 2^{39}\})$	1572840
6	$\mathcal{O}(1; \{6^{13}, 3^7, 2^{35}\})$	12582936
6	$\mathcal{O}(1; \{6^{13}, 3^{10}, 2^{31}\})$	100663272
6	$\mathcal{O}(1; \{6^{13}, 3^{13}, 2^{27}\})$	805306392
6	$\mathcal{O}(1; \{6^{13}, 3^{16}, 2^{23}\})$	6442450920
6	$\mathcal{O}(1; \{6^{13}, 3^{19}, 2^{19}\})$	51539607576
6	$\mathcal{O}(1; \{6^{13}, 3^{22}, 2^{15}\})$	412316860392
6	$\mathcal{O}(1; \{6^{13}, 3^{25}, 2^{11}\})$	3298534883352
6	$\mathcal{O}(1; \{6^{13}, 3^{28}, 2^7\})$	26388279066600
6	$\mathcal{O}(1; \{6^{13}, 3^{31}, 2^3\})$	211106232533016
6	$\mathcal{O}(1; \{6^{14}, 3^2, 2^{40}\})$	786456
6	$\mathcal{O}(1; \{6^{14}, 3^5, 2^{36}\})$	6291432
6	$\mathcal{O}(1; \{6^{14}, 3^8, 2^{32}\})$	50331672
6	$\mathcal{O}(1; \{6^{14}, 3^{11}, 2^{28}\})$	402653160
6	$\mathcal{O}(1; \{6^{14}, 3^{14}, 2^{24}\})$	3221225496
6	$\mathcal{O}(1; \{6^{14}, 3^{17}, 2^{20}\})$	25769803752
6	$\mathcal{O}(1; \{6^{14}, 3^{20}, 2^{16}\})$	206158430232
6	$\mathcal{O}(1; \{6^{14}, 3^{23}, 2^{12}\})$	1649267441640
6	$\mathcal{O}(1; \{6^{14}, 3^{26}, 2^8\})$	13194139533336
6	$\mathcal{O}(1; \{6^{14}, 3^{29}, 2^4\})$	105553116266472
6	$\mathcal{O}(1; \{6^{14}, 3^{32}\})$	844424930131992
6	$\mathcal{O}(1; \{6^{15}, 2^{41}\})$	393192
6	$\mathcal{O}(1; \{6^{15}, 3^3, 2^{37}\})$	3145752
6	$\mathcal{O}(1; \{6^{15}, 3^6, 2^{33}\})$	25165800
6	$\mathcal{O}(1; \{6^{15}, 3^9, 2^{29}\})$	201326616
6	$\mathcal{O}(1; \{6^{15}, 3^{12}, 2^{25}\})$	1610612712
6	$\mathcal{O}(1; \{6^{15}, 3^{15}, 2^{21}\})$	12884901912
6	$\mathcal{O}(1; \{6^{15}, 3^{18}, 2^{17}\})$	103079215080
6	$\mathcal{O}(1; \{6^{15}, 3^{21}, 2^{13}\})$	824633720856
6	$\mathcal{O}(1; \{6^{15}, 3^{24}, 2^9\})$	6597069766632
6	$\mathcal{O}(1; \{6^{15}, 3^{27}, 2^5\})$	52776558133272
6	$\mathcal{O}(1; \{6^{15}, 3^{30}, 2\})$	422212465065960
6	$\mathcal{O}(1; \{6^{16}, 3, 2^{38}\})$	1572840

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{16}, 3^4, 2^{34}\})$	12582936
6	$\mathcal{O}(1; \{6^{16}, 3^7, 2^{30}\})$	100663272
6	$\mathcal{O}(1; \{6^{16}, 3^{10}, 2^{26}\})$	805306392
6	$\mathcal{O}(1; \{6^{16}, 3^{13}, 2^{22}\})$	6442450920
6	$\mathcal{O}(1; \{6^{16}, 3^{16}, 2^{18}\})$	51539607576
6	$\mathcal{O}(1; \{6^{16}, 3^{19}, 2^{14}\})$	412316860392
6	$\mathcal{O}(1; \{6^{16}, 3^{22}, 2^{10}\})$	3298534883352
6	$\mathcal{O}(1; \{6^{16}, 3^{25}, 2^6\})$	26388279066600
6	$\mathcal{O}(1; \{6^{16}, 3^{28}, 2^2\})$	211106232533016
6	$\mathcal{O}(1; \{6^{17}, 3^2, 2^{35}\})$	6291432
6	$\mathcal{O}(1; \{6^{17}, 3^5, 2^{31}\})$	50331672
6	$\mathcal{O}(1; \{6^{17}, 3^8, 2^{27}\})$	402653160
6	$\mathcal{O}(1; \{6^{17}, 3^{11}, 2^{23}\})$	3221225496
6	$\mathcal{O}(1; \{6^{17}, 3^{14}, 2^{19}\})$	25769803752
6	$\mathcal{O}(1; \{6^{17}, 3^{17}, 2^{15}\})$	206158430232
6	$\mathcal{O}(1; \{6^{17}, 3^{20}, 2^{11}\})$	1649267441640
6	$\mathcal{O}(1; \{6^{17}, 3^{23}, 2^7\})$	13194139533336
6	$\mathcal{O}(1; \{6^{17}, 3^{26}, 2^3\})$	105553116266472
6	$\mathcal{O}(1; \{6^{18}, 2^{36}\})$	3145752
6	$\mathcal{O}(1; \{6^{18}, 3^3, 2^{32}\})$	25165800
6	$\mathcal{O}(1; \{6^{18}, 3^6, 2^{28}\})$	201326616
6	$\mathcal{O}(1; \{6^{18}, 3^9, 2^{24}\})$	1610612712
6	$\mathcal{O}(1; \{6^{18}, 3^{12}, 2^{20}\})$	12884901912
6	$\mathcal{O}(1; \{6^{18}, 3^{15}, 2^{16}\})$	103079215080
6	$\mathcal{O}(1; \{6^{18}, 3^{18}, 2^{12}\})$	824633720856
6	$\mathcal{O}(1; \{6^{18}, 3^{21}, 2^8\})$	6597069766632
6	$\mathcal{O}(1; \{6^{18}, 3^{24}, 2^4\})$	52776558133272
6	$\mathcal{O}(1; \{6^{18}, 3^{27}\})$	422212465065960
6	$\mathcal{O}(1; \{6^{19}, 3, 2^{33}\})$	12582936
6	$\mathcal{O}(1; \{6^{19}, 3^4, 2^{29}\})$	100663272
6	$\mathcal{O}(1; \{6^{19}, 3^7, 2^{25}\})$	805306392
6	$\mathcal{O}(1; \{6^{19}, 3^{10}, 2^{21}\})$	6442450920
6	$\mathcal{O}(1; \{6^{19}, 3^{13}, 2^{17}\})$	51539607576
6	$\mathcal{O}(1; \{6^{19}, 3^{16}, 2^{13}\})$	412316860392
6	$\mathcal{O}(1; \{6^{19}, 3^{19}, 2^9\})$	3298534883352
6	$\mathcal{O}(1; \{6^{19}, 3^{22}, 2^5\})$	26388279066600
6	$\mathcal{O}(1; \{6^{19}, 3^{25}, 2\})$	211106232533016
6	$\mathcal{O}(1; \{6^{20}, 3^2, 2^{30}\})$	50331672
6	$\mathcal{O}(1; \{6^{20}, 3^5, 2^{26}\})$	402653160
6	$\mathcal{O}(1; \{6^{20}, 3^8, 2^{22}\})$	3221225496
6	$\mathcal{O}(1; \{6^{20}, 3^{11}, 2^{18}\})$	25769803752
6	$\mathcal{O}(1; \{6^{20}, 3^{14}, 2^{14}\})$	206158430232
6	$\mathcal{O}(1; \{6^{20}, 3^{17}, 2^{10}\})$	1649267441640

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{20}, 3^{20}, 2^6\})$	13194139533336
6	$\mathcal{O}(1; \{6^{20}, 3^{23}, 2^2\})$	105553116266472
6	$\mathcal{O}(1; \{6^{21}, 2^{31}\})$	25165800
6	$\mathcal{O}(1; \{6^{21}, 3^3, 2^{27}\})$	201326616
6	$\mathcal{O}(1; \{6^{21}, 3^6, 2^{23}\})$	1610612712
6	$\mathcal{O}(1; \{6^{21}, 3^9, 2^{19}\})$	12884901912
6	$\mathcal{O}(1; \{6^{21}, 3^{12}, 2^{15}\})$	103079215080
6	$\mathcal{O}(1; \{6^{21}, 3^{15}, 2^{11}\})$	824633720856
6	$\mathcal{O}(1; \{6^{21}, 3^{18}, 2^7\})$	6597069766632
6	$\mathcal{O}(1; \{6^{21}, 3^{21}, 2^3\})$	52776558133272
6	$\mathcal{O}(1; \{6^{22}, 3, 2^{28}\})$	100663272
6	$\mathcal{O}(1; \{6^{22}, 3^4, 2^{24}\})$	805306392
6	$\mathcal{O}(1; \{6^{22}, 3^7, 2^{20}\})$	6442450920
6	$\mathcal{O}(1; \{6^{22}, 3^{10}, 2^{16}\})$	51539607576
6	$\mathcal{O}(1; \{6^{22}, 3^{13}, 2^{12}\})$	412316860392
6	$\mathcal{O}(1; \{6^{22}, 3^{16}, 2^8\})$	3298534883352
6	$\mathcal{O}(1; \{6^{22}, 3^{19}, 2^4\})$	26388279066600
6	$\mathcal{O}(1; \{6^{22}, 3^{22}\})$	211106232533016
6	$\mathcal{O}(1; \{6^{23}, 3^2, 2^{25}\})$	402653160
6	$\mathcal{O}(1; \{6^{23}, 3^5, 2^{21}\})$	3221225496
6	$\mathcal{O}(1; \{6^{23}, 3^8, 2^{17}\})$	25769803752
6	$\mathcal{O}(1; \{6^{23}, 3^{11}, 2^{13}\})$	206158430232
6	$\mathcal{O}(1; \{6^{23}, 3^{14}, 2^9\})$	1649267441640
6	$\mathcal{O}(1; \{6^{23}, 3^{17}, 2^5\})$	13194139533336
6	$\mathcal{O}(1; \{6^{23}, 3^{20}, 2\})$	105553116266472
6	$\mathcal{O}(1; \{6^{24}, 2^{26}\})$	201326616
6	$\mathcal{O}(1; \{6^{24}, 3^3, 2^{22}\})$	1610612712
6	$\mathcal{O}(1; \{6^{24}, 3^6, 2^{18}\})$	12884901912
6	$\mathcal{O}(1; \{6^{24}, 3^9, 2^{14}\})$	103079215080
6	$\mathcal{O}(1; \{6^{24}, 3^{12}, 2^{10}\})$	824633720856
6	$\mathcal{O}(1; \{6^{24}, 3^{15}, 2^6\})$	6597069766632
6	$\mathcal{O}(1; \{6^{24}, 3^{18}, 2^2\})$	52776558133272
6	$\mathcal{O}(1; \{6^{25}, 3, 2^{23}\})$	805306392
6	$\mathcal{O}(1; \{6^{25}, 3^4, 2^{19}\})$	6442450920
6	$\mathcal{O}(1; \{6^{25}, 3^7, 2^{15}\})$	51539607576
6	$\mathcal{O}(1; \{6^{25}, 3^{10}, 2^{11}\})$	412316860392
6	$\mathcal{O}(1; \{6^{25}, 3^{13}, 2^7\})$	3298534883352
6	$\mathcal{O}(1; \{6^{25}, 3^{16}, 2^3\})$	26388279066600
6	$\mathcal{O}(1; \{6^{26}, 3^2, 2^{20}\})$	3221225496
6	$\mathcal{O}(1; \{6^{26}, 3^5, 2^{16}\})$	25769803752
6	$\mathcal{O}(1; \{6^{26}, 3^8, 2^{12}\})$	206158430232
6	$\mathcal{O}(1; \{6^{26}, 3^{11}, 2^8\})$	1649267441640
6	$\mathcal{O}(1; \{6^{26}, 3^{14}, 2^4\})$	13194139533336

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{26}, 3^{17}\})$	105553116266472
6	$\mathcal{O}(1; \{6^{27}, 2^{21}\})$	1610612712
6	$\mathcal{O}(1; \{6^{27}, 3^3, 2^{17}\})$	12884901912
6	$\mathcal{O}(1; \{6^{27}, 3^6, 2^{13}\})$	103079215080
6	$\mathcal{O}(1; \{6^{27}, 3^9, 2^9\})$	824633720856
6	$\mathcal{O}(1; \{6^{27}, 3^{12}, 2^5\})$	6597069766632
6	$\mathcal{O}(1; \{6^{27}, 3^{15}, 2\})$	52776558133272
6	$\mathcal{O}(1; \{6^{28}, 3, 2^{18}\})$	6442450920
6	$\mathcal{O}(1; \{6^{28}, 3^4, 2^{14}\})$	51539607576
6	$\mathcal{O}(1; \{6^{28}, 3^7, 2^{10}\})$	412316860392
6	$\mathcal{O}(1; \{6^{28}, 3^{10}, 2^6\})$	3298534883352
6	$\mathcal{O}(1; \{6^{28}, 3^{13}, 2^2\})$	26388279066600
6	$\mathcal{O}(1; \{6^{29}, 3^2, 2^{15}\})$	25769803752
6	$\mathcal{O}(1; \{6^{29}, 3^5, 2^{11}\})$	206158430232
6	$\mathcal{O}(1; \{6^{29}, 3^8, 2^7\})$	1649267441640
6	$\mathcal{O}(1; \{6^{29}, 3^{11}, 2^3\})$	13194139533336
6	$\mathcal{O}(1; \{6^{30}, 2^{16}\})$	12884901912
6	$\mathcal{O}(1; \{6^{30}, 3^3, 2^{12}\})$	103079215080
6	$\mathcal{O}(1; \{6^{30}, 3^6, 2^8\})$	824633720856
6	$\mathcal{O}(1; \{6^{30}, 3^9, 2^4\})$	6597069766632
6	$\mathcal{O}(1; \{6^{30}, 3^{12}\})$	52776558133272
6	$\mathcal{O}(1; \{6^{31}, 3, 2^{13}\})$	51539607576
6	$\mathcal{O}(1; \{6^{31}, 3^4, 2^9\})$	412316860392
6	$\mathcal{O}(1; \{6^{31}, 3^7, 2^5\})$	3298534883352
6	$\mathcal{O}(1; \{6^{31}, 3^{10}, 2\})$	26388279066600
6	$\mathcal{O}(1; \{6^{32}, 3^2, 2^{10}\})$	206158430232
6	$\mathcal{O}(1; \{6^{32}, 3^5, 2^6\})$	1649267441640
6	$\mathcal{O}(1; \{6^{32}, 3^8, 2^2\})$	13194139533336
6	$\mathcal{O}(1; \{6^{33}, 2^{11}\})$	103079215080
6	$\mathcal{O}(1; \{6^{33}, 3^3, 2^7\})$	824633720856
6	$\mathcal{O}(1; \{6^{33}, 3^6, 2^3\})$	6597069766632
6	$\mathcal{O}(1; \{6^{34}, 3, 2^8\})$	412316860392
6	$\mathcal{O}(1; \{6^{34}, 3^4, 2^4\})$	3298534883352
6	$\mathcal{O}(1; \{6^{34}, 3^7\})$	26388279066600
6	$\mathcal{O}(1; \{6^{35}, 3^2, 2^5\})$	1649267441640
6	$\mathcal{O}(1; \{6^{35}, 3^5, 2\})$	13194139533336
6	$\mathcal{O}(1; \{6^{36}, 2^6\})$	824633720856
6	$\mathcal{O}(1; \{6^{36}, 3^3, 2^2\})$	6597069766632
6	$\mathcal{O}(1; \{6^{37}, 3, 2^3\})$	3298534883352
6	$\mathcal{O}(1; \{6^{38}, 3^2\})$	13194139533336
6	$\mathcal{O}(1; \{6^{39}, 2\})$	6597069766632
6	$\mathcal{O}(0; \{3^3, 2^{66}\})$	2
6	$\mathcal{O}(0; \{3^6, 2^{62}\})$	22

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{3^9, 2^{58}\})$	170
6	$\mathcal{O}(0; \{3^{12}, 2^{54}\})$	1366
6	$\mathcal{O}(0; \{3^{15}, 2^{50}\})$	10922
6	$\mathcal{O}(0; \{3^{18}, 2^{46}\})$	87382
6	$\mathcal{O}(0; \{3^{21}, 2^{42}\})$	699050
6	$\mathcal{O}(0; \{3^{24}, 2^{38}\})$	5592406
6	$\mathcal{O}(0; \{3^{27}, 2^{34}\})$	44739242
6	$\mathcal{O}(0; \{3^{30}, 2^{30}\})$	357913942
6	$\mathcal{O}(0; \{3^{33}, 2^{26}\})$	2863311530
6	$\mathcal{O}(0; \{3^{36}, 2^{22}\})$	22906492246
6	$\mathcal{O}(0; \{3^{39}, 2^{18}\})$	183251937962
6	$\mathcal{O}(0; \{3^{42}, 2^{14}\})$	1466015503702
6	$\mathcal{O}(0; \{3^{45}, 2^{10}\})$	11728124029610
6	$\mathcal{O}(0; \{3^{48}, 2^6\})$	93824992236886
6	$\mathcal{O}(0; \{3^{51}, 2^2\})$	750599937895082
6	$\mathcal{O}(0; \{6, 3, 2^{67}\})$	2
6	$\mathcal{O}(0; \{6, 3^4, 2^{63}\})$	10
6	$\mathcal{O}(0; \{6, 3^7, 2^{59}\})$	86
6	$\mathcal{O}(0; \{6, 3^{10}, 2^{55}\})$	682
6	$\mathcal{O}(0; \{6, 3^{13}, 2^{51}\})$	5462
6	$\mathcal{O}(0; \{6, 3^{16}, 2^{47}\})$	43690
6	$\mathcal{O}(0; \{6, 3^{19}, 2^{43}\})$	349526
6	$\mathcal{O}(0; \{6, 3^{22}, 2^{39}\})$	2796202
6	$\mathcal{O}(0; \{6, 3^{25}, 2^{35}\})$	22369622
6	$\mathcal{O}(0; \{6, 3^{28}, 2^{31}\})$	178956970
6	$\mathcal{O}(0; \{6, 3^{31}, 2^{27}\})$	1431655766
6	$\mathcal{O}(0; \{6, 3^{34}, 2^{23}\})$	11453246122
6	$\mathcal{O}(0; \{6, 3^{37}, 2^{19}\})$	91625968982
6	$\mathcal{O}(0; \{6, 3^{40}, 2^{15}\})$	733007751850
6	$\mathcal{O}(0; \{6, 3^{43}, 2^{11}\})$	5864062014806
6	$\mathcal{O}(0; \{6, 3^{46}, 2^7\})$	46912496118442
6	$\mathcal{O}(0; \{6, 3^{49}, 2^3\})$	375299968947542
6	$\mathcal{O}(0; \{6^2, 3^2, 2^{64}\})$	6
6	$\mathcal{O}(0; \{6^2, 3^5, 2^{60}\})$	42
6	$\mathcal{O}(0; \{6^2, 3^8, 2^{56}\})$	342
6	$\mathcal{O}(0; \{6^2, 3^{11}, 2^{52}\})$	2730
6	$\mathcal{O}(0; \{6^2, 3^{14}, 2^{48}\})$	21846
6	$\mathcal{O}(0; \{6^2, 3^{17}, 2^{44}\})$	174762
6	$\mathcal{O}(0; \{6^2, 3^{20}, 2^{40}\})$	1398102
6	$\mathcal{O}(0; \{6^2, 3^{23}, 2^{36}\})$	11184810
6	$\mathcal{O}(0; \{6^2, 3^{26}, 2^{32}\})$	89478486
6	$\mathcal{O}(0; \{6^2, 3^{29}, 2^{28}\})$	715827882
6	$\mathcal{O}(0; \{6^2, 3^{32}, 2^{24}\})$	5726623062

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^2, 3^{35}, 2^{20}\})$	45812984490
6	$\mathcal{O}(0; \{6^2, 3^{38}, 2^{16}\})$	366503875926
6	$\mathcal{O}(0; \{6^2, 3^{41}, 2^{12}\})$	2932031007402
6	$\mathcal{O}(0; \{6^2, 3^{44}, 2^8\})$	23456248059222
6	$\mathcal{O}(0; \{6^2, 3^{47}, 2^4\})$	187649984473770
6	$\mathcal{O}(0; \{6^2, 3^{50}\})$	1501199875790166
6	$\mathcal{O}(0; \{6^3, 2^{65}\})$	2
6	$\mathcal{O}(0; \{6^3, 3^3, 2^{61}\})$	22
6	$\mathcal{O}(0; \{6^3, 3^6, 2^{57}\})$	170
6	$\mathcal{O}(0; \{6^3, 3^9, 2^{53}\})$	1366
6	$\mathcal{O}(0; \{6^3, 3^{12}, 2^{49}\})$	10922
6	$\mathcal{O}(0; \{6^3, 3^{15}, 2^{45}\})$	87382
6	$\mathcal{O}(0; \{6^3, 3^{18}, 2^{41}\})$	699050
6	$\mathcal{O}(0; \{6^3, 3^{21}, 2^{37}\})$	5592406
6	$\mathcal{O}(0; \{6^3, 3^{24}, 2^{33}\})$	44739242
6	$\mathcal{O}(0; \{6^3, 3^{27}, 2^{29}\})$	357913942
6	$\mathcal{O}(0; \{6^3, 3^{30}, 2^{25}\})$	2863311530
6	$\mathcal{O}(0; \{6^3, 3^{33}, 2^{21}\})$	22906492246
6	$\mathcal{O}(0; \{6^3, 3^{36}, 2^{17}\})$	183251937962
6	$\mathcal{O}(0; \{6^3, 3^{39}, 2^{13}\})$	1466015503702
6	$\mathcal{O}(0; \{6^3, 3^{42}, 2^9\})$	11728124029610
6	$\mathcal{O}(0; \{6^3, 3^{45}, 2^5\})$	93824992236886
6	$\mathcal{O}(0; \{6^3, 3^{48}, 2\})$	750599937895082
6	$\mathcal{O}(0; \{6^4, 3, 2^{62}\})$	10
6	$\mathcal{O}(0; \{6^4, 3^4, 2^{58}\})$	86
6	$\mathcal{O}(0; \{6^4, 3^7, 2^{54}\})$	682
6	$\mathcal{O}(0; \{6^4, 3^{10}, 2^{50}\})$	5462
6	$\mathcal{O}(0; \{6^4, 3^{13}, 2^{46}\})$	43690
6	$\mathcal{O}(0; \{6^4, 3^{16}, 2^{42}\})$	349526
6	$\mathcal{O}(0; \{6^4, 3^{19}, 2^{38}\})$	2796202
6	$\mathcal{O}(0; \{6^4, 3^{22}, 2^{34}\})$	22369622
6	$\mathcal{O}(0; \{6^4, 3^{25}, 2^{30}\})$	178956970
6	$\mathcal{O}(0; \{6^4, 3^{28}, 2^{26}\})$	1431655766
6	$\mathcal{O}(0; \{6^4, 3^{31}, 2^{22}\})$	11453246122
6	$\mathcal{O}(0; \{6^4, 3^{34}, 2^{18}\})$	91625968982
6	$\mathcal{O}(0; \{6^4, 3^{37}, 2^{14}\})$	733007751850
6	$\mathcal{O}(0; \{6^4, 3^{40}, 2^{10}\})$	5864062014806
6	$\mathcal{O}(0; \{6^4, 3^{43}, 2^6\})$	46912496118442
6	$\mathcal{O}(0; \{6^4, 3^{46}, 2^2\})$	375299968947542
6	$\mathcal{O}(0; \{6^5, 3^2, 2^{59}\})$	42
6	$\mathcal{O}(0; \{6^5, 3^5, 2^{55}\})$	342
6	$\mathcal{O}(0; \{6^5, 3^8, 2^{51}\})$	2730
6	$\mathcal{O}(0; \{6^5, 3^{11}, 2^{47}\})$	21846

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^5, 3^{14}, 2^{43}\})$	174762
6	$\mathcal{O}(0; \{6^5, 3^{17}, 2^{39}\})$	1398102
6	$\mathcal{O}(0; \{6^5, 3^{20}, 2^{35}\})$	11184810
6	$\mathcal{O}(0; \{6^5, 3^{23}, 2^{31}\})$	89478486
6	$\mathcal{O}(0; \{6^5, 3^{26}, 2^{27}\})$	715827882
6	$\mathcal{O}(0; \{6^5, 3^{29}, 2^{23}\})$	5726623062
6	$\mathcal{O}(0; \{6^5, 3^{32}, 2^{19}\})$	45812984490
6	$\mathcal{O}(0; \{6^5, 3^{35}, 2^{15}\})$	366503875926
6	$\mathcal{O}(0; \{6^5, 3^{38}, 2^{11}\})$	2932031007402
6	$\mathcal{O}(0; \{6^5, 3^{41}, 2^7\})$	23456248059222
6	$\mathcal{O}(0; \{6^5, 3^{44}, 2^3\})$	187649984473770
6	$\mathcal{O}(0; \{6^6, 2^{60}\})$	22
6	$\mathcal{O}(0; \{6^6, 3^3, 2^{56}\})$	170
6	$\mathcal{O}(0; \{6^6, 3^6, 2^{52}\})$	1366
6	$\mathcal{O}(0; \{6^6, 3^9, 2^{48}\})$	10922
6	$\mathcal{O}(0; \{6^6, 3^{12}, 2^{44}\})$	87382
6	$\mathcal{O}(0; \{6^6, 3^{15}, 2^{40}\})$	699050
6	$\mathcal{O}(0; \{6^6, 3^{18}, 2^{36}\})$	5592406
6	$\mathcal{O}(0; \{6^6, 3^{21}, 2^{32}\})$	44739242
6	$\mathcal{O}(0; \{6^6, 3^{24}, 2^{28}\})$	357913942
6	$\mathcal{O}(0; \{6^6, 3^{27}, 2^{24}\})$	2863311530
6	$\mathcal{O}(0; \{6^6, 3^{30}, 2^{20}\})$	22906492246
6	$\mathcal{O}(0; \{6^6, 3^{33}, 2^{16}\})$	183251937962
6	$\mathcal{O}(0; \{6^6, 3^{36}, 2^{12}\})$	1466015503702
6	$\mathcal{O}(0; \{6^6, 3^{39}, 2^8\})$	11728124029610
6	$\mathcal{O}(0; \{6^6, 3^{42}, 2^4\})$	93824992236886
6	$\mathcal{O}(0; \{6^6, 3^{45}\})$	750599937895082
6	$\mathcal{O}(0; \{6^7, 3, 2^{57}\})$	86
6	$\mathcal{O}(0; \{6^7, 3^4, 2^{53}\})$	682
6	$\mathcal{O}(0; \{6^7, 3^7, 2^{49}\})$	5462
6	$\mathcal{O}(0; \{6^7, 3^{10}, 2^{45}\})$	43690
6	$\mathcal{O}(0; \{6^7, 3^{13}, 2^{41}\})$	349526
6	$\mathcal{O}(0; \{6^7, 3^{16}, 2^{37}\})$	2796202
6	$\mathcal{O}(0; \{6^7, 3^{19}, 2^{33}\})$	22369622
6	$\mathcal{O}(0; \{6^7, 3^{22}, 2^{29}\})$	178956970
6	$\mathcal{O}(0; \{6^7, 3^{25}, 2^{25}\})$	1431655766
6	$\mathcal{O}(0; \{6^7, 3^{28}, 2^{21}\})$	11453246122
6	$\mathcal{O}(0; \{6^7, 3^{31}, 2^{17}\})$	91625968982
6	$\mathcal{O}(0; \{6^7, 3^{34}, 2^{13}\})$	733007751850
6	$\mathcal{O}(0; \{6^7, 3^{37}, 2^9\})$	5864062014806
6	$\mathcal{O}(0; \{6^7, 3^{40}, 2^5\})$	46912496118442
6	$\mathcal{O}(0; \{6^7, 3^{43}, 2\})$	375299968947542
6	$\mathcal{O}(0; \{6^8, 3^2, 2^{54}\})$	342

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^8, 3^5, 2^{50}\})$	2730
6	$\mathcal{O}(0; \{6^8, 3^8, 2^{46}\})$	21846
6	$\mathcal{O}(0; \{6^8, 3^{11}, 2^{42}\})$	174762
6	$\mathcal{O}(0; \{6^8, 3^{14}, 2^{38}\})$	1398102
6	$\mathcal{O}(0; \{6^8, 3^{17}, 2^{34}\})$	11184810
6	$\mathcal{O}(0; \{6^8, 3^{20}, 2^{30}\})$	89478486
6	$\mathcal{O}(0; \{6^8, 3^{23}, 2^{26}\})$	715827882
6	$\mathcal{O}(0; \{6^8, 3^{26}, 2^{22}\})$	5726623062
6	$\mathcal{O}(0; \{6^8, 3^{29}, 2^{18}\})$	45812984490
6	$\mathcal{O}(0; \{6^8, 3^{32}, 2^{14}\})$	366503875926
6	$\mathcal{O}(0; \{6^8, 3^{35}, 2^{10}\})$	2932031007402
6	$\mathcal{O}(0; \{6^8, 3^{38}, 2^6\})$	23456248059222
6	$\mathcal{O}(0; \{6^8, 3^{41}, 2^2\})$	187649984473770
6	$\mathcal{O}(0; \{6^9, 2^{55}\})$	170
6	$\mathcal{O}(0; \{6^9, 3^3, 2^{51}\})$	1366
6	$\mathcal{O}(0; \{6^9, 3^6, 2^{47}\})$	10922
6	$\mathcal{O}(0; \{6^9, 3^9, 2^{43}\})$	87382
6	$\mathcal{O}(0; \{6^9, 3^{12}, 2^{39}\})$	699050
6	$\mathcal{O}(0; \{6^9, 3^{15}, 2^{35}\})$	5592406
6	$\mathcal{O}(0; \{6^9, 3^{18}, 2^{31}\})$	44739242
6	$\mathcal{O}(0; \{6^9, 3^{21}, 2^{27}\})$	357913942
6	$\mathcal{O}(0; \{6^9, 3^{24}, 2^{23}\})$	2863311530
6	$\mathcal{O}(0; \{6^9, 3^{27}, 2^{19}\})$	22906492246
6	$\mathcal{O}(0; \{6^9, 3^{30}, 2^{15}\})$	183251937962
6	$\mathcal{O}(0; \{6^9, 3^{33}, 2^{11}\})$	1466015503702
6	$\mathcal{O}(0; \{6^9, 3^{36}, 2^7\})$	11728124029610
6	$\mathcal{O}(0; \{6^9, 3^{39}, 2^3\})$	93824992236886
6	$\mathcal{O}(0; \{6^{10}, 3, 2^{52}\})$	682
6	$\mathcal{O}(0; \{6^{10}, 3^4, 2^{48}\})$	5462
6	$\mathcal{O}(0; \{6^{10}, 3^7, 2^{44}\})$	43690
6	$\mathcal{O}(0; \{6^{10}, 3^{10}, 2^{40}\})$	349526
6	$\mathcal{O}(0; \{6^{10}, 3^{13}, 2^{36}\})$	2796202
6	$\mathcal{O}(0; \{6^{10}, 3^{16}, 2^{32}\})$	22369622
6	$\mathcal{O}(0; \{6^{10}, 3^{19}, 2^{28}\})$	178956970
6	$\mathcal{O}(0; \{6^{10}, 3^{22}, 2^{24}\})$	1431655766
6	$\mathcal{O}(0; \{6^{10}, 3^{25}, 2^{20}\})$	11453246122
6	$\mathcal{O}(0; \{6^{10}, 3^{28}, 2^{16}\})$	91625968982
6	$\mathcal{O}(0; \{6^{10}, 3^{31}, 2^{12}\})$	733007751850
6	$\mathcal{O}(0; \{6^{10}, 3^{34}, 2^8\})$	5864062014806
6	$\mathcal{O}(0; \{6^{10}, 3^{37}, 2^4\})$	46912496118442
6	$\mathcal{O}(0; \{6^{10}, 3^{40}\})$	375299968947542
6	$\mathcal{O}(0; \{6^{11}, 3^2, 2^{49}\})$	2730
6	$\mathcal{O}(0; \{6^{11}, 3^5, 2^{45}\})$	21846

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{11}, 3^8, 2^{41}\})$	174762
6	$\mathcal{O}(0; \{6^{11}, 3^{11}, 2^{37}\})$	1398102
6	$\mathcal{O}(0; \{6^{11}, 3^{14}, 2^{33}\})$	11184810
6	$\mathcal{O}(0; \{6^{11}, 3^{17}, 2^{29}\})$	89478486
6	$\mathcal{O}(0; \{6^{11}, 3^{20}, 2^{25}\})$	715827882
6	$\mathcal{O}(0; \{6^{11}, 3^{23}, 2^{21}\})$	5726623062
6	$\mathcal{O}(0; \{6^{11}, 3^{26}, 2^{17}\})$	45812984490
6	$\mathcal{O}(0; \{6^{11}, 3^{29}, 2^{13}\})$	366503875926
6	$\mathcal{O}(0; \{6^{11}, 3^{32}, 2^9\})$	2932031007402
6	$\mathcal{O}(0; \{6^{11}, 3^{35}, 2^5\})$	23456248059222
6	$\mathcal{O}(0; \{6^{11}, 3^{38}, 2\})$	187649984473770
6	$\mathcal{O}(0; \{6^{12}, 2^{50}\})$	1366
6	$\mathcal{O}(0; \{6^{12}, 3^3, 2^{46}\})$	10922
6	$\mathcal{O}(0; \{6^{12}, 3^6, 2^{42}\})$	87382
6	$\mathcal{O}(0; \{6^{12}, 3^9, 2^{38}\})$	699050
6	$\mathcal{O}(0; \{6^{12}, 3^{12}, 2^{34}\})$	5592406
6	$\mathcal{O}(0; \{6^{12}, 3^{15}, 2^{30}\})$	44739242
6	$\mathcal{O}(0; \{6^{12}, 3^{18}, 2^{26}\})$	357913942
6	$\mathcal{O}(0; \{6^{12}, 3^{21}, 2^{22}\})$	2863311530
6	$\mathcal{O}(0; \{6^{12}, 3^{24}, 2^{18}\})$	22906492246
6	$\mathcal{O}(0; \{6^{12}, 3^{27}, 2^{14}\})$	183251937962
6	$\mathcal{O}(0; \{6^{12}, 3^{30}, 2^{10}\})$	1466015503702
6	$\mathcal{O}(0; \{6^{12}, 3^{33}, 2^6\})$	11728124029610
6	$\mathcal{O}(0; \{6^{12}, 3^{36}, 2^2\})$	93824992236886
6	$\mathcal{O}(0; \{6^{13}, 3, 2^{47}\})$	5462
6	$\mathcal{O}(0; \{6^{13}, 3^4, 2^{43}\})$	43690
6	$\mathcal{O}(0; \{6^{13}, 3^7, 2^{39}\})$	349526
6	$\mathcal{O}(0; \{6^{13}, 3^{10}, 2^{35}\})$	2796202
6	$\mathcal{O}(0; \{6^{13}, 3^{13}, 2^{31}\})$	22369622
6	$\mathcal{O}(0; \{6^{13}, 3^{16}, 2^{27}\})$	178956970
6	$\mathcal{O}(0; \{6^{13}, 3^{19}, 2^{23}\})$	1431655766
6	$\mathcal{O}(0; \{6^{13}, 3^{22}, 2^{19}\})$	11453246122
6	$\mathcal{O}(0; \{6^{13}, 3^{25}, 2^{15}\})$	91625968982
6	$\mathcal{O}(0; \{6^{13}, 3^{28}, 2^{11}\})$	733007751850
6	$\mathcal{O}(0; \{6^{13}, 3^{31}, 2^7\})$	5864062014806
6	$\mathcal{O}(0; \{6^{13}, 3^{34}, 2^3\})$	46912496118442
6	$\mathcal{O}(0; \{6^{14}, 3^2, 2^{44}\})$	21846
6	$\mathcal{O}(0; \{6^{14}, 3^5, 2^{40}\})$	174762
6	$\mathcal{O}(0; \{6^{14}, 3^8, 2^{36}\})$	1398102
6	$\mathcal{O}(0; \{6^{14}, 3^{11}, 2^{32}\})$	11184810
6	$\mathcal{O}(0; \{6^{14}, 3^{14}, 2^{28}\})$	89478486
6	$\mathcal{O}(0; \{6^{14}, 3^{17}, 2^{24}\})$	715827882
6	$\mathcal{O}(0; \{6^{14}, 3^{20}, 2^{20}\})$	5726623062

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{14}, 3^{23}, 2^{16}\})$	45812984490
6	$\mathcal{O}(0; \{6^{14}, 3^{26}, 2^{12}\})$	366503875926
6	$\mathcal{O}(0; \{6^{14}, 3^{29}, 2^8\})$	2932031007402
6	$\mathcal{O}(0; \{6^{14}, 3^{32}, 2^4\})$	23456248059222
6	$\mathcal{O}(0; \{6^{14}, 3^{35}\})$	187649984473770
6	$\mathcal{O}(0; \{6^{15}, 2^{45}\})$	10922
6	$\mathcal{O}(0; \{6^{15}, 3^3, 2^{41}\})$	87382
6	$\mathcal{O}(0; \{6^{15}, 3^6, 2^{37}\})$	699050
6	$\mathcal{O}(0; \{6^{15}, 3^9, 2^{33}\})$	5592406
6	$\mathcal{O}(0; \{6^{15}, 3^{12}, 2^{29}\})$	44739242
6	$\mathcal{O}(0; \{6^{15}, 3^{15}, 2^{25}\})$	357913942
6	$\mathcal{O}(0; \{6^{15}, 3^{18}, 2^{21}\})$	2863311530
6	$\mathcal{O}(0; \{6^{15}, 3^{21}, 2^{17}\})$	22906492246
6	$\mathcal{O}(0; \{6^{15}, 3^{24}, 2^{13}\})$	183251937962
6	$\mathcal{O}(0; \{6^{15}, 3^{27}, 2^9\})$	1466015503702
6	$\mathcal{O}(0; \{6^{15}, 3^{30}, 2^5\})$	11728124029610
6	$\mathcal{O}(0; \{6^{15}, 3^{33}, 2\})$	93824992236886
6	$\mathcal{O}(0; \{6^{16}, 3, 2^{42}\})$	43690
6	$\mathcal{O}(0; \{6^{16}, 3^4, 2^{38}\})$	349526
6	$\mathcal{O}(0; \{6^{16}, 3^7, 2^{34}\})$	2796202
6	$\mathcal{O}(0; \{6^{16}, 3^{10}, 2^{30}\})$	22369622
6	$\mathcal{O}(0; \{6^{16}, 3^{13}, 2^{26}\})$	178956970
6	$\mathcal{O}(0; \{6^{16}, 3^{16}, 2^{22}\})$	1431655766
6	$\mathcal{O}(0; \{6^{16}, 3^{19}, 2^{18}\})$	11453246122
6	$\mathcal{O}(0; \{6^{16}, 3^{22}, 2^{14}\})$	91625968982
6	$\mathcal{O}(0; \{6^{16}, 3^{25}, 2^{10}\})$	733007751850
6	$\mathcal{O}(0; \{6^{16}, 3^{28}, 2^6\})$	5864062014806
6	$\mathcal{O}(0; \{6^{16}, 3^{31}, 2^2\})$	46912496118442
6	$\mathcal{O}(0; \{6^{17}, 3^2, 2^{39}\})$	174762
6	$\mathcal{O}(0; \{6^{17}, 3^5, 2^{35}\})$	1398102
6	$\mathcal{O}(0; \{6^{17}, 3^8, 2^{31}\})$	11184810
6	$\mathcal{O}(0; \{6^{17}, 3^{11}, 2^{27}\})$	89478486
6	$\mathcal{O}(0; \{6^{17}, 3^{14}, 2^{23}\})$	715827882
6	$\mathcal{O}(0; \{6^{17}, 3^{17}, 2^{19}\})$	5726623062
6	$\mathcal{O}(0; \{6^{17}, 3^{20}, 2^{15}\})$	45812984490
6	$\mathcal{O}(0; \{6^{17}, 3^{23}, 2^{11}\})$	366503875926
6	$\mathcal{O}(0; \{6^{17}, 3^{26}, 2^7\})$	2932031007402
6	$\mathcal{O}(0; \{6^{17}, 3^{29}, 2^3\})$	23456248059222
6	$\mathcal{O}(0; \{6^{18}, 2^{40}\})$	87382
6	$\mathcal{O}(0; \{6^{18}, 3^3, 2^{36}\})$	699050
6	$\mathcal{O}(0; \{6^{18}, 3^6, 2^{32}\})$	5592406
6	$\mathcal{O}(0; \{6^{18}, 3^9, 2^{28}\})$	44739242
6	$\mathcal{O}(0; \{6^{18}, 3^{12}, 2^{24}\})$	357913942

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{18}, 3^{15}, 2^{20}\})$	2863311530
6	$\mathcal{O}(0; \{6^{18}, 3^{18}, 2^{16}\})$	22906492246
6	$\mathcal{O}(0; \{6^{18}, 3^{21}, 2^{12}\})$	183251937962
6	$\mathcal{O}(0; \{6^{18}, 3^{24}, 2^8\})$	1466015503702
6	$\mathcal{O}(0; \{6^{18}, 3^{27}, 2^4\})$	11728124029610
6	$\mathcal{O}(0; \{6^{18}, 3^{30}\})$	93824992236886
6	$\mathcal{O}(0; \{6^{19}, 3, 2^{37}\})$	349526
6	$\mathcal{O}(0; \{6^{19}, 3^4, 2^{33}\})$	2796202
6	$\mathcal{O}(0; \{6^{19}, 3^7, 2^{29}\})$	22369622
6	$\mathcal{O}(0; \{6^{19}, 3^{10}, 2^{25}\})$	178956970
6	$\mathcal{O}(0; \{6^{19}, 3^{13}, 2^{21}\})$	1431655766
6	$\mathcal{O}(0; \{6^{19}, 3^{16}, 2^{17}\})$	11453246122
6	$\mathcal{O}(0; \{6^{19}, 3^{19}, 2^{13}\})$	91625968982
6	$\mathcal{O}(0; \{6^{19}, 3^{22}, 2^9\})$	733007751850
6	$\mathcal{O}(0; \{6^{19}, 3^{25}, 2^5\})$	5864062014806
6	$\mathcal{O}(0; \{6^{19}, 3^{28}, 2\})$	46912496118442
6	$\mathcal{O}(0; \{6^{20}, 3^2, 2^{34}\})$	1398102
6	$\mathcal{O}(0; \{6^{20}, 3^5, 2^{30}\})$	11184810
6	$\mathcal{O}(0; \{6^{20}, 3^8, 2^{26}\})$	89478486
6	$\mathcal{O}(0; \{6^{20}, 3^{11}, 2^{22}\})$	715827882
6	$\mathcal{O}(0; \{6^{20}, 3^{14}, 2^{18}\})$	5726623062
6	$\mathcal{O}(0; \{6^{20}, 3^{17}, 2^{14}\})$	45812984490
6	$\mathcal{O}(0; \{6^{20}, 3^{20}, 2^{10}\})$	366503875926
6	$\mathcal{O}(0; \{6^{20}, 3^{23}, 2^6\})$	2932031007402
6	$\mathcal{O}(0; \{6^{20}, 3^{26}, 2^2\})$	23456248059222
6	$\mathcal{O}(0; \{6^{21}, 2^{35}\})$	699050
6	$\mathcal{O}(0; \{6^{21}, 3^3, 2^{31}\})$	5592406
6	$\mathcal{O}(0; \{6^{21}, 3^6, 2^{27}\})$	44739242
6	$\mathcal{O}(0; \{6^{21}, 3^9, 2^{23}\})$	357913942
6	$\mathcal{O}(0; \{6^{21}, 3^{12}, 2^{19}\})$	2863311530
6	$\mathcal{O}(0; \{6^{21}, 3^{15}, 2^{15}\})$	22906492246
6	$\mathcal{O}(0; \{6^{21}, 3^{18}, 2^{11}\})$	183251937962
6	$\mathcal{O}(0; \{6^{21}, 3^{21}, 2^7\})$	1466015503702
6	$\mathcal{O}(0; \{6^{21}, 3^{24}, 2^3\})$	11728124029610
6	$\mathcal{O}(0; \{6^{22}, 3, 2^{32}\})$	2796202
6	$\mathcal{O}(0; \{6^{22}, 3^4, 2^{28}\})$	22369622
6	$\mathcal{O}(0; \{6^{22}, 3^7, 2^{24}\})$	178956970
6	$\mathcal{O}(0; \{6^{22}, 3^{10}, 2^{20}\})$	1431655766
6	$\mathcal{O}(0; \{6^{22}, 3^{13}, 2^{16}\})$	11453246122
6	$\mathcal{O}(0; \{6^{22}, 3^{16}, 2^{12}\})$	91625968982
6	$\mathcal{O}(0; \{6^{22}, 3^{19}, 2^8\})$	733007751850
6	$\mathcal{O}(0; \{6^{22}, 3^{22}, 2^4\})$	5864062014806
6	$\mathcal{O}(0; \{6^{22}, 3^{25}\})$	46912496118442

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{23}, 3^2, 2^{29}\})$	11184810
6	$\mathcal{O}(0; \{6^{23}, 3^5, 2^{25}\})$	89478486
6	$\mathcal{O}(0; \{6^{23}, 3^8, 2^{21}\})$	715827882
6	$\mathcal{O}(0; \{6^{23}, 3^{11}, 2^{17}\})$	5726623062
6	$\mathcal{O}(0; \{6^{23}, 3^{14}, 2^{13}\})$	45812984490
6	$\mathcal{O}(0; \{6^{23}, 3^{17}, 2^9\})$	366503875926
6	$\mathcal{O}(0; \{6^{23}, 3^{20}, 2^5\})$	2932031007402
6	$\mathcal{O}(0; \{6^{23}, 3^{23}, 2\})$	23456248059222
6	$\mathcal{O}(0; \{6^{24}, 2^{30}\})$	5592406
6	$\mathcal{O}(0; \{6^{24}, 3^3, 2^{26}\})$	44739242
6	$\mathcal{O}(0; \{6^{24}, 3^6, 2^{22}\})$	357913942
6	$\mathcal{O}(0; \{6^{24}, 3^9, 2^{18}\})$	2863311530
6	$\mathcal{O}(0; \{6^{24}, 3^{12}, 2^{14}\})$	22906492246
6	$\mathcal{O}(0; \{6^{24}, 3^{15}, 2^{10}\})$	183251937962
6	$\mathcal{O}(0; \{6^{24}, 3^{18}, 2^6\})$	1466015503702
6	$\mathcal{O}(0; \{6^{24}, 3^{21}, 2^2\})$	11728124029610
6	$\mathcal{O}(0; \{6^{25}, 3, 2^{27}\})$	22369622
6	$\mathcal{O}(0; \{6^{25}, 3^4, 2^{23}\})$	178956970
6	$\mathcal{O}(0; \{6^{25}, 3^7, 2^{19}\})$	1431655766
6	$\mathcal{O}(0; \{6^{25}, 3^{10}, 2^{15}\})$	11453246122
6	$\mathcal{O}(0; \{6^{25}, 3^{13}, 2^{11}\})$	91625968982
6	$\mathcal{O}(0; \{6^{25}, 3^{16}, 2^7\})$	733007751850
6	$\mathcal{O}(0; \{6^{25}, 3^{19}, 2^3\})$	5864062014806
6	$\mathcal{O}(0; \{6^{26}, 3^2, 2^{24}\})$	89478486
6	$\mathcal{O}(0; \{6^{26}, 3^5, 2^{20}\})$	715827882
6	$\mathcal{O}(0; \{6^{26}, 3^8, 2^{16}\})$	5726623062
6	$\mathcal{O}(0; \{6^{26}, 3^{11}, 2^{12}\})$	45812984490
6	$\mathcal{O}(0; \{6^{26}, 3^{14}, 2^8\})$	366503875926
6	$\mathcal{O}(0; \{6^{26}, 3^{17}, 2^4\})$	2932031007402
6	$\mathcal{O}(0; \{6^{26}, 3^{20}\})$	23456248059222
6	$\mathcal{O}(0; \{6^{27}, 2^{25}\})$	44739242
6	$\mathcal{O}(0; \{6^{27}, 3^3, 2^{21}\})$	357913942
6	$\mathcal{O}(0; \{6^{27}, 3^6, 2^{17}\})$	2863311530
6	$\mathcal{O}(0; \{6^{27}, 3^9, 2^{13}\})$	22906492246
6	$\mathcal{O}(0; \{6^{27}, 3^{12}, 2^9\})$	183251937962
6	$\mathcal{O}(0; \{6^{27}, 3^{15}, 2^5\})$	1466015503702
6	$\mathcal{O}(0; \{6^{27}, 3^{18}, 2\})$	11728124029610
6	$\mathcal{O}(0; \{6^{28}, 3, 2^{22}\})$	178956970
6	$\mathcal{O}(0; \{6^{28}, 3^4, 2^{18}\})$	1431655766
6	$\mathcal{O}(0; \{6^{28}, 3^7, 2^{14}\})$	11453246122
6	$\mathcal{O}(0; \{6^{28}, 3^{10}, 2^{10}\})$	91625968982
6	$\mathcal{O}(0; \{6^{28}, 3^{13}, 2^6\})$	733007751850
6	$\mathcal{O}(0; \{6^{28}, 3^{16}, 2^2\})$	5864062014806

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{29}, 3^2, 2^{19}\})$	715827882
6	$\mathcal{O}(0; \{6^{29}, 3^5, 2^{15}\})$	5726623062
6	$\mathcal{O}(0; \{6^{29}, 3^8, 2^{11}\})$	45812984490
6	$\mathcal{O}(0; \{6^{29}, 3^{11}, 2^7\})$	366503875926
6	$\mathcal{O}(0; \{6^{29}, 3^{14}, 2^3\})$	2932031007402
6	$\mathcal{O}(0; \{6^{30}, 2^{20}\})$	357913942
6	$\mathcal{O}(0; \{6^{30}, 3^3, 2^{16}\})$	2863311530
6	$\mathcal{O}(0; \{6^{30}, 3^6, 2^{12}\})$	22906492246
6	$\mathcal{O}(0; \{6^{30}, 3^9, 2^8\})$	183251937962
6	$\mathcal{O}(0; \{6^{30}, 3^{12}, 2^4\})$	1466015503702
6	$\mathcal{O}(0; \{6^{30}, 3^{15}\})$	11728124029610
6	$\mathcal{O}(0; \{6^{31}, 3, 2^{17}\})$	1431655766
6	$\mathcal{O}(0; \{6^{31}, 3^4, 2^{13}\})$	11453246122
6	$\mathcal{O}(0; \{6^{31}, 3^7, 2^9\})$	91625968982
6	$\mathcal{O}(0; \{6^{31}, 3^{10}, 2^5\})$	733007751850
6	$\mathcal{O}(0; \{6^{31}, 3^{13}, 2\})$	5864062014806
6	$\mathcal{O}(0; \{6^{32}, 3^2, 2^{14}\})$	5726623062
6	$\mathcal{O}(0; \{6^{32}, 3^5, 2^{10}\})$	45812984490
6	$\mathcal{O}(0; \{6^{32}, 3^8, 2^6\})$	366503875926
6	$\mathcal{O}(0; \{6^{32}, 3^{11}, 2^2\})$	2932031007402
6	$\mathcal{O}(0; \{6^{33}, 2^{15}\})$	2863311530
6	$\mathcal{O}(0; \{6^{33}, 3^3, 2^{11}\})$	22906492246
6	$\mathcal{O}(0; \{6^{33}, 3^6, 2^7\})$	183251937962
6	$\mathcal{O}(0; \{6^{33}, 3^9, 2^3\})$	1466015503702
6	$\mathcal{O}(0; \{6^{34}, 3, 2^{12}\})$	11453246122
6	$\mathcal{O}(0; \{6^{34}, 3^4, 2^8\})$	91625968982
6	$\mathcal{O}(0; \{6^{34}, 3^7, 2^4\})$	733007751850
6	$\mathcal{O}(0; \{6^{34}, 3^{10}\})$	5864062014806
6	$\mathcal{O}(0; \{6^{35}, 3^2, 2^9\})$	45812984490
6	$\mathcal{O}(0; \{6^{35}, 3^5, 2^5\})$	366503875926
6	$\mathcal{O}(0; \{6^{35}, 3^8, 2\})$	2932031007402
6	$\mathcal{O}(0; \{6^{36}, 2^{10}\})$	22906492246
6	$\mathcal{O}(0; \{6^{36}, 3^3, 2^6\})$	183251937962
6	$\mathcal{O}(0; \{6^{36}, 3^6, 2^2\})$	1466015503702
6	$\mathcal{O}(0; \{6^{37}, 3, 2^7\})$	91625968982
6	$\mathcal{O}(0; \{6^{37}, 3^4, 2^3\})$	733007751850
6	$\mathcal{O}(0; \{6^{38}, 3^2, 2^4\})$	366503875926
6	$\mathcal{O}(0; \{6^{38}, 3^5\})$	2932031007402
6	$\mathcal{O}(0; \{6^{39}, 2^5\})$	183251937962
6	$\mathcal{O}(0; \{6^{39}, 3^3, 2\})$	1466015503702
6	$\mathcal{O}(0; \{6^{40}, 3, 2^2\})$	733007751850
6	$\mathcal{O}(0; \{6^{42}\})$	1466015503702
7	$\mathcal{O}(13; \{7^5\})$	10420103174789007279270390

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
7	$\mathcal{O}(10; \{7^{12}\})$	24812913757829074363440906
7	$\mathcal{O}(7; \{7^{19}\})$	59040262191483179899169430
7	$\mathcal{O}(4; \{7^{26}\})$	140481388170194376366712266
7	$\mathcal{O}(1; \{7^{33}\})$	334263766617748837144461270
8	$\mathcal{O}(12; \{8^2, 2^2\})$	18889465931478580854784
8	$\mathcal{O}(11; \{8^2, 2^6\})$	295147905179352825856
8	$\mathcal{O}(11; \{8^2, 4^2, 2^3\})$	1180591620717411303424
8	$\mathcal{O}(11; \{8^2, 4^4\})$	4722366482869645213696
8	$\mathcal{O}(11; \{8^4, 4, 2\})$	9444732965739290427392
8	$\mathcal{O}(10; \{8^2, 2^{10}\})$	4611686018427387904
8	$\mathcal{O}(10; \{8^2, 4^2, 2^7\})$	18446744073709551616
8	$\mathcal{O}(10; \{8^2, 4^4, 2^4\})$	73786976294838206464
8	$\mathcal{O}(10; \{8^2, 4^6, 2\})$	295147905179352825856
8	$\mathcal{O}(10; \{8^4, 4, 2^5\})$	147573952589676412928
8	$\mathcal{O}(10; \{8^4, 4^3, 2^2\})$	590295810358705651712
8	$\mathcal{O}(10; \{8^6, 2^3\})$	1180591620717411303424
8	$\mathcal{O}(10; \{8^6, 4^2\})$	4722366482869645213696
8	$\mathcal{O}(9; \{8^2, 2^{14}\})$	72057594037927936
8	$\mathcal{O}(9; \{8^2, 4^2, 2^{11}\})$	288230376151711744
8	$\mathcal{O}(9; \{8^2, 4^4, 2^8\})$	1152921504606846976
8	$\mathcal{O}(9; \{8^2, 4^6, 2^5\})$	4611686018427387904
8	$\mathcal{O}(9; \{8^2, 4^8, 2^2\})$	18446744073709551616
8	$\mathcal{O}(9; \{8^4, 4, 2^9\})$	2305843009213693952
8	$\mathcal{O}(9; \{8^4, 4^3, 2^6\})$	9223372036854775808
8	$\mathcal{O}(9; \{8^4, 4^5, 2^3\})$	36893488147419103232
8	$\mathcal{O}(9; \{8^4, 4^7\})$	147573952589676412928
8	$\mathcal{O}(9; \{8^6, 2^7\})$	18446744073709551616
8	$\mathcal{O}(9; \{8^6, 4^2, 2^4\})$	73786976294838206464
8	$\mathcal{O}(9; \{8^6, 4^4, 2\})$	295147905179352825856
8	$\mathcal{O}(9; \{8^8, 4, 2^2\})$	590295810358705651712
8	$\mathcal{O}(9; \{8^{10}\})$	4722366482869645213696
8	$\mathcal{O}(8; \{8^2, 2^{18}\})$	1125899906842624
8	$\mathcal{O}(8; \{8^2, 4^2, 2^{15}\})$	4503599627370496
8	$\mathcal{O}(8; \{8^2, 4^4, 2^{12}\})$	18014398509481984
8	$\mathcal{O}(8; \{8^2, 4^6, 2^9\})$	72057594037927936
8	$\mathcal{O}(8; \{8^2, 4^8, 2^6\})$	288230376151711744
8	$\mathcal{O}(8; \{8^2, 4^{10}, 2^3\})$	1152921504606846976
8	$\mathcal{O}(8; \{8^2, 4^{12}\})$	4611686018427387904
8	$\mathcal{O}(8; \{8^4, 4, 2^{13}\})$	36028797018963968
8	$\mathcal{O}(8; \{8^4, 4^3, 2^{10}\})$	144115188075855872
8	$\mathcal{O}(8; \{8^4, 4^5, 2^7\})$	576460752303423488
8	$\mathcal{O}(8; \{8^4, 4^7, 2^4\})$	2305843009213693952
8	$\mathcal{O}(8; \{8^4, 4^9, 2\})$	9223372036854775808

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(8; \{8^6, 2^{11}\})$	288230376151711744
8	$\mathcal{O}(8; \{8^6, 4^2, 2^8\})$	1152921504606846976
8	$\mathcal{O}(8; \{8^6, 4^4, 2^5\})$	4611686018427387904
8	$\mathcal{O}(8; \{8^6, 4^6, 2^2\})$	18446744073709551616
8	$\mathcal{O}(8; \{8^8, 4, 2^6\})$	9223372036854775808
8	$\mathcal{O}(8; \{8^8, 4^3, 2^3\})$	36893488147419103232
8	$\mathcal{O}(8; \{8^8, 4^5\})$	147573952589676412928
8	$\mathcal{O}(8; \{8^{10}, 2^4\})$	73786976294838206464
8	$\mathcal{O}(8; \{8^{10}, 4^2, 2\})$	295147905179352825856
8	$\mathcal{O}(7; \{8^2, 2^{22}\})$	17592186044416
8	$\mathcal{O}(7; \{8^2, 4^2, 2^{19}\})$	70368744177664
8	$\mathcal{O}(7; \{8^2, 4^4, 2^{16}\})$	281474976710656
8	$\mathcal{O}(7; \{8^2, 4^6, 2^{13}\})$	1125899906842624
8	$\mathcal{O}(7; \{8^2, 4^8, 2^{10}\})$	4503599627370496
8	$\mathcal{O}(7; \{8^2, 4^{10}, 2^7\})$	18014398509481984
8	$\mathcal{O}(7; \{8^2, 4^{12}, 2^4\})$	72057594037927936
8	$\mathcal{O}(7; \{8^2, 4^{14}, 2\})$	288230376151711744
8	$\mathcal{O}(7; \{8^4, 4, 2^{17}\})$	562949953421312
8	$\mathcal{O}(7; \{8^4, 4^3, 2^{14}\})$	2251799813685248
8	$\mathcal{O}(7; \{8^4, 4^5, 2^{11}\})$	9007199254740992
8	$\mathcal{O}(7; \{8^4, 4^7, 2^8\})$	36028797018963968
8	$\mathcal{O}(7; \{8^4, 4^9, 2^5\})$	144115188075855872
8	$\mathcal{O}(7; \{8^4, 4^{11}, 2^2\})$	576460752303423488
8	$\mathcal{O}(7; \{8^6, 2^{15}\})$	4503599627370496
8	$\mathcal{O}(7; \{8^6, 4^2, 2^{12}\})$	18014398509481984
8	$\mathcal{O}(7; \{8^6, 4^4, 2^9\})$	72057594037927936
8	$\mathcal{O}(7; \{8^6, 4^6, 2^6\})$	288230376151711744
8	$\mathcal{O}(7; \{8^6, 4^8, 2^3\})$	1152921504606846976
8	$\mathcal{O}(7; \{8^6, 4^{10}\})$	4611686018427387904
8	$\mathcal{O}(7; \{8^8, 4, 2^{10}\})$	144115188075855872
8	$\mathcal{O}(7; \{8^8, 4^3, 2^7\})$	576460752303423488
8	$\mathcal{O}(7; \{8^8, 4^5, 2^4\})$	2305843009213693952
8	$\mathcal{O}(7; \{8^8, 4^7, 2\})$	9223372036854775808
8	$\mathcal{O}(7; \{8^{10}, 2^8\})$	1152921504606846976
8	$\mathcal{O}(7; \{8^{10}, 4^2, 2^5\})$	4611686018427387904
8	$\mathcal{O}(7; \{8^{10}, 4^4, 2^2\})$	18446744073709551616
8	$\mathcal{O}(7; \{8^{12}, 4, 2^3\})$	36893488147419103232
8	$\mathcal{O}(7; \{8^{12}, 4^3\})$	147573952589676412928
8	$\mathcal{O}(7; \{8^{14}, 2\})$	295147905179352825856
8	$\mathcal{O}(6; \{8^2, 2^{26}\})$	274877906944
8	$\mathcal{O}(6; \{8^2, 4^2, 2^{23}\})$	1099511627776
8	$\mathcal{O}(6; \{8^2, 4^4, 2^{20}\})$	4398046511104
8	$\mathcal{O}(6; \{8^2, 4^6, 2^{17}\})$	17592186044416

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(6; \{8^2, 4^8, 2^{14}\})$	70368744177664
8	$\mathcal{O}(6; \{8^2, 4^{10}, 2^{11}\})$	281474976710656
8	$\mathcal{O}(6; \{8^2, 4^{12}, 2^8\})$	1125899906842624
8	$\mathcal{O}(6; \{8^2, 4^{14}, 2^5\})$	4503599627370496
8	$\mathcal{O}(6; \{8^2, 4^{16}, 2^2\})$	18014398509481984
8	$\mathcal{O}(6; \{8^4, 4, 2^{21}\})$	8796093022208
8	$\mathcal{O}(6; \{8^4, 4^3, 2^{18}\})$	35184372088832
8	$\mathcal{O}(6; \{8^4, 4^5, 2^{15}\})$	140737488355328
8	$\mathcal{O}(6; \{8^4, 4^7, 2^{12}\})$	562949953421312
8	$\mathcal{O}(6; \{8^4, 4^9, 2^9\})$	2251799813685248
8	$\mathcal{O}(6; \{8^4, 4^{11}, 2^6\})$	9007199254740992
8	$\mathcal{O}(6; \{8^4, 4^{13}, 2^3\})$	36028797018963968
8	$\mathcal{O}(6; \{8^4, 4^{15}\})$	144115188075855872
8	$\mathcal{O}(6; \{8^6, 2^{19}\})$	70368744177664
8	$\mathcal{O}(6; \{8^6, 4^2, 2^{16}\})$	281474976710656
8	$\mathcal{O}(6; \{8^6, 4^4, 2^{13}\})$	1125899906842624
8	$\mathcal{O}(6; \{8^6, 4^6, 2^{10}\})$	4503599627370496
8	$\mathcal{O}(6; \{8^6, 4^8, 2^7\})$	18014398509481984
8	$\mathcal{O}(6; \{8^6, 4^{10}, 2^4\})$	72057594037927936
8	$\mathcal{O}(6; \{8^6, 4^{12}, 2\})$	288230376151711744
8	$\mathcal{O}(6; \{8^8, 4, 2^{14}\})$	2251799813685248
8	$\mathcal{O}(6; \{8^8, 4^3, 2^{11}\})$	9007199254740992
8	$\mathcal{O}(6; \{8^8, 4^5, 2^8\})$	36028797018963968
8	$\mathcal{O}(6; \{8^8, 4^7, 2^5\})$	144115188075855872
8	$\mathcal{O}(6; \{8^8, 4^9, 2^2\})$	576460752303423488
8	$\mathcal{O}(6; \{8^{10}, 2^{12}\})$	18014398509481984
8	$\mathcal{O}(6; \{8^{10}, 4^2, 2^9\})$	72057594037927936
8	$\mathcal{O}(6; \{8^{10}, 4^4, 2^6\})$	288230376151711744
8	$\mathcal{O}(6; \{8^{10}, 4^6, 2^3\})$	1152921504606846976
8	$\mathcal{O}(6; \{8^{10}, 4^8\})$	4611686018427387904
8	$\mathcal{O}(6; \{8^{12}, 4, 2^7\})$	576460752303423488
8	$\mathcal{O}(6; \{8^{12}, 4^3, 2^4\})$	2305843009213693952
8	$\mathcal{O}(6; \{8^{12}, 4^5, 2\})$	9223372036854775808
8	$\mathcal{O}(6; \{8^{14}, 2^5\})$	4611686018427387904
8	$\mathcal{O}(6; \{8^{14}, 4^2, 2^2\})$	18446744073709551616
8	$\mathcal{O}(6; \{8^{16}, 4\})$	147573952589676412928
8	$\mathcal{O}(5; \{8^2, 2^{30}\})$	4294967296
8	$\mathcal{O}(5; \{8^2, 4^2, 2^{27}\})$	17179869184
8	$\mathcal{O}(5; \{8^2, 4^4, 2^{24}\})$	68719476736
8	$\mathcal{O}(5; \{8^2, 4^6, 2^{21}\})$	274877906944
8	$\mathcal{O}(5; \{8^2, 4^8, 2^{18}\})$	1099511627776
8	$\mathcal{O}(5; \{8^2, 4^{10}, 2^{15}\})$	4398046511104
8	$\mathcal{O}(5; \{8^2, 4^{12}, 2^{12}\})$	17592186044416

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(5; \{8^2, 4^{14}, 2^9\})$	70368744177664
8	$\mathcal{O}(5; \{8^2, 4^{16}, 2^6\})$	281474976710656
8	$\mathcal{O}(5; \{8^2, 4^{18}, 2^3\})$	1125899906842624
8	$\mathcal{O}(5; \{8^2, 4^{20}\})$	4503599627370496
8	$\mathcal{O}(5; \{8^4, 4, 2^{25}\})$	137438953472
8	$\mathcal{O}(5; \{8^4, 4^3, 2^{22}\})$	549755813888
8	$\mathcal{O}(5; \{8^4, 4^5, 2^{19}\})$	2199023255552
8	$\mathcal{O}(5; \{8^4, 4^7, 2^{16}\})$	8796093022208
8	$\mathcal{O}(5; \{8^4, 4^9, 2^{13}\})$	35184372088832
8	$\mathcal{O}(5; \{8^4, 4^{11}, 2^{10}\})$	140737488355328
8	$\mathcal{O}(5; \{8^4, 4^{13}, 2^7\})$	562949953421312
8	$\mathcal{O}(5; \{8^4, 4^{15}, 2^4\})$	2251799813685248
8	$\mathcal{O}(5; \{8^4, 4^{17}, 2\})$	9007199254740992
8	$\mathcal{O}(5; \{8^6, 2^{23}\})$	1099511627776
8	$\mathcal{O}(5; \{8^6, 4^2, 2^{20}\})$	4398046511104
8	$\mathcal{O}(5; \{8^6, 4^4, 2^{17}\})$	17592186044416
8	$\mathcal{O}(5; \{8^6, 4^6, 2^{14}\})$	70368744177664
8	$\mathcal{O}(5; \{8^6, 4^8, 2^{11}\})$	281474976710656
8	$\mathcal{O}(5; \{8^6, 4^{10}, 2^8\})$	1125899906842624
8	$\mathcal{O}(5; \{8^6, 4^{12}, 2^5\})$	4503599627370496
8	$\mathcal{O}(5; \{8^6, 4^{14}, 2^2\})$	18014398509481984
8	$\mathcal{O}(5; \{8^8, 4, 2^{18}\})$	35184372088832
8	$\mathcal{O}(5; \{8^8, 4^3, 2^{15}\})$	140737488355328
8	$\mathcal{O}(5; \{8^8, 4^5, 2^{12}\})$	562949953421312
8	$\mathcal{O}(5; \{8^8, 4^7, 2^9\})$	2251799813685248
8	$\mathcal{O}(5; \{8^8, 4^9, 2^6\})$	9007199254740992
8	$\mathcal{O}(5; \{8^8, 4^{11}, 2^3\})$	36028797018963968
8	$\mathcal{O}(5; \{8^8, 4^{13}\})$	144115188075855872
8	$\mathcal{O}(5; \{8^{10}, 2^{16}\})$	281474976710656
8	$\mathcal{O}(5; \{8^{10}, 4^2, 2^{13}\})$	1125899906842624
8	$\mathcal{O}(5; \{8^{10}, 4^4, 2^{10}\})$	4503599627370496
8	$\mathcal{O}(5; \{8^{10}, 4^6, 2^7\})$	18014398509481984
8	$\mathcal{O}(5; \{8^{10}, 4^8, 2^4\})$	72057594037927936
8	$\mathcal{O}(5; \{8^{10}, 4^{10}, 2\})$	288230376151711744
8	$\mathcal{O}(5; \{8^{12}, 4, 2^{11}\})$	9007199254740992
8	$\mathcal{O}(5; \{8^{12}, 4^3, 2^8\})$	36028797018963968
8	$\mathcal{O}(5; \{8^{12}, 4^5, 2^5\})$	144115188075855872
8	$\mathcal{O}(5; \{8^{12}, 4^7, 2^2\})$	576460752303423488
8	$\mathcal{O}(5; \{8^{14}, 2^9\})$	72057594037927936
8	$\mathcal{O}(5; \{8^{14}, 4^2, 2^6\})$	288230376151711744
8	$\mathcal{O}(5; \{8^{14}, 4^4, 2^3\})$	1152921504606846976
8	$\mathcal{O}(5; \{8^{14}, 4^6\})$	4611686018427387904
8	$\mathcal{O}(5; \{8^{16}, 4, 2^4\})$	2305843009213693952

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(5; \{8^{16}, 4^3, 2\})$	9223372036854775808
8	$\mathcal{O}(5; \{8^{18}, 2^2\})$	18446744073709551616
8	$\mathcal{O}(4; \{8^2, 2^{34}\})$	67108864
8	$\mathcal{O}(4; \{8^2, 4^2, 2^{31}\})$	268435456
8	$\mathcal{O}(4; \{8^2, 4^4, 2^{28}\})$	1073741824
8	$\mathcal{O}(4; \{8^2, 4^6, 2^{25}\})$	4294967296
8	$\mathcal{O}(4; \{8^2, 4^8, 2^{22}\})$	17179869184
8	$\mathcal{O}(4; \{8^2, 4^{10}, 2^{19}\})$	68719476736
8	$\mathcal{O}(4; \{8^2, 4^{12}, 2^{16}\})$	274877906944
8	$\mathcal{O}(4; \{8^2, 4^{14}, 2^{13}\})$	1099511627776
8	$\mathcal{O}(4; \{8^2, 4^{16}, 2^{10}\})$	4398046511104
8	$\mathcal{O}(4; \{8^2, 4^{18}, 2^7\})$	17592186044416
8	$\mathcal{O}(4; \{8^2, 4^{20}, 2^4\})$	70368744177664
8	$\mathcal{O}(4; \{8^2, 4^{22}, 2\})$	281474976710656
8	$\mathcal{O}(4; \{8^4, 4, 2^{29}\})$	2147483648
8	$\mathcal{O}(4; \{8^4, 4^3, 2^{26}\})$	8589934592
8	$\mathcal{O}(4; \{8^4, 4^5, 2^{23}\})$	34359738368
8	$\mathcal{O}(4; \{8^4, 4^7, 2^{20}\})$	137438953472
8	$\mathcal{O}(4; \{8^4, 4^9, 2^{17}\})$	549755813888
8	$\mathcal{O}(4; \{8^4, 4^{11}, 2^{14}\})$	2199023255552
8	$\mathcal{O}(4; \{8^4, 4^{13}, 2^{11}\})$	8796093022208
8	$\mathcal{O}(4; \{8^4, 4^{15}, 2^8\})$	35184372088832
8	$\mathcal{O}(4; \{8^4, 4^{17}, 2^5\})$	140737488355328
8	$\mathcal{O}(4; \{8^4, 4^{19}, 2^2\})$	562949953421312
8	$\mathcal{O}(4; \{8^6, 2^{27}\})$	17179869184
8	$\mathcal{O}(4; \{8^6, 4^2, 2^{24}\})$	68719476736
8	$\mathcal{O}(4; \{8^6, 4^4, 2^{21}\})$	274877906944
8	$\mathcal{O}(4; \{8^6, 4^6, 2^{18}\})$	1099511627776
8	$\mathcal{O}(4; \{8^6, 4^8, 2^{15}\})$	4398046511104
8	$\mathcal{O}(4; \{8^6, 4^{10}, 2^{12}\})$	17592186044416
8	$\mathcal{O}(4; \{8^6, 4^{12}, 2^9\})$	70368744177664
8	$\mathcal{O}(4; \{8^6, 4^{14}, 2^6\})$	281474976710656
8	$\mathcal{O}(4; \{8^6, 4^{16}, 2^3\})$	1125899906842624
8	$\mathcal{O}(4; \{8^6, 4^{18}\})$	4503599627370496
8	$\mathcal{O}(4; \{8^8, 4, 2^{22}\})$	549755813888
8	$\mathcal{O}(4; \{8^8, 4^3, 2^{19}\})$	2199023255552
8	$\mathcal{O}(4; \{8^8, 4^5, 2^{16}\})$	8796093022208
8	$\mathcal{O}(4; \{8^8, 4^7, 2^{13}\})$	35184372088832
8	$\mathcal{O}(4; \{8^8, 4^9, 2^{10}\})$	140737488355328
8	$\mathcal{O}(4; \{8^8, 4^{11}, 2^7\})$	562949953421312
8	$\mathcal{O}(4; \{8^8, 4^{13}, 2^4\})$	2251799813685248
8	$\mathcal{O}(4; \{8^8, 4^{15}, 2\})$	9007199254740992
8	$\mathcal{O}(4; \{8^{10}, 2^{20}\})$	4398046511104

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(4; \{8^{10}, 4^2, 2^{17}\})$	17592186044416
8	$\mathcal{O}(4; \{8^{10}, 4^4, 2^{14}\})$	70368744177664
8	$\mathcal{O}(4; \{8^{10}, 4^6, 2^{11}\})$	281474976710656
8	$\mathcal{O}(4; \{8^{10}, 4^8, 2^8\})$	1125899906842624
8	$\mathcal{O}(4; \{8^{10}, 4^{10}, 2^5\})$	4503599627370496
8	$\mathcal{O}(4; \{8^{10}, 4^{12}, 2^2\})$	18014398509481984
8	$\mathcal{O}(4; \{8^{12}, 4, 2^{15}\})$	140737488355328
8	$\mathcal{O}(4; \{8^{12}, 4^3, 2^{12}\})$	562949953421312
8	$\mathcal{O}(4; \{8^{12}, 4^5, 2^9\})$	2251799813685248
8	$\mathcal{O}(4; \{8^{12}, 4^7, 2^6\})$	9007199254740992
8	$\mathcal{O}(4; \{8^{12}, 4^9, 2^3\})$	36028797018963968
8	$\mathcal{O}(4; \{8^{12}, 4^{11}\})$	144115188075855872
8	$\mathcal{O}(4; \{8^{14}, 2^{13}\})$	1125899906842624
8	$\mathcal{O}(4; \{8^{14}, 4^2, 2^{10}\})$	4503599627370496
8	$\mathcal{O}(4; \{8^{14}, 4^4, 2^7\})$	18014398509481984
8	$\mathcal{O}(4; \{8^{14}, 4^6, 2^4\})$	72057594037927936
8	$\mathcal{O}(4; \{8^{14}, 4^8, 2\})$	288230376151711744
8	$\mathcal{O}(4; \{8^{16}, 4, 2^8\})$	36028797018963968
8	$\mathcal{O}(4; \{8^{16}, 4^3, 2^5\})$	144115188075855872
8	$\mathcal{O}(4; \{8^{16}, 4^5, 2^2\})$	576460752303423488
8	$\mathcal{O}(4; \{8^{18}, 2^6\})$	288230376151711744
8	$\mathcal{O}(4; \{8^{18}, 4^2, 2^3\})$	1152921504606846976
8	$\mathcal{O}(4; \{8^{18}, 4^4\})$	4611686018427387904
8	$\mathcal{O}(4; \{8^{20}, 4, 2\})$	9223372036854775808
8	$\mathcal{O}(3; \{8^2, 2^{38}\})$	1048576
8	$\mathcal{O}(3; \{8^2, 4^2, 2^{35}\})$	4194304
8	$\mathcal{O}(3; \{8^2, 4^4, 2^{32}\})$	16777216
8	$\mathcal{O}(3; \{8^2, 4^6, 2^{29}\})$	67108864
8	$\mathcal{O}(3; \{8^2, 4^8, 2^{26}\})$	268435456
8	$\mathcal{O}(3; \{8^2, 4^{10}, 2^{23}\})$	1073741824
8	$\mathcal{O}(3; \{8^2, 4^{12}, 2^{20}\})$	4294967296
8	$\mathcal{O}(3; \{8^2, 4^{14}, 2^{17}\})$	17179869184
8	$\mathcal{O}(3; \{8^2, 4^{16}, 2^{14}\})$	68719476736
8	$\mathcal{O}(3; \{8^2, 4^{18}, 2^{11}\})$	274877906944
8	$\mathcal{O}(3; \{8^2, 4^{20}, 2^8\})$	1099511627776
8	$\mathcal{O}(3; \{8^2, 4^{22}, 2^5\})$	4398046511104
8	$\mathcal{O}(3; \{8^2, 4^{24}, 2^2\})$	17592186044416
8	$\mathcal{O}(3; \{8^4, 4, 2^{33}\})$	33554432
8	$\mathcal{O}(3; \{8^4, 4^3, 2^{30}\})$	134217728
8	$\mathcal{O}(3; \{8^4, 4^5, 2^{27}\})$	536870912
8	$\mathcal{O}(3; \{8^4, 4^7, 2^{24}\})$	2147483648
8	$\mathcal{O}(3; \{8^4, 4^9, 2^{21}\})$	8589934592
8	$\mathcal{O}(3; \{8^4, 4^{11}, 2^{18}\})$	34359738368

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(3; \{8^4, 4^{13}, 2^{15}\})$	137438953472
8	$\mathcal{O}(3; \{8^4, 4^{15}, 2^{12}\})$	549755813888
8	$\mathcal{O}(3; \{8^4, 4^{17}, 2^9\})$	2199023255552
8	$\mathcal{O}(3; \{8^4, 4^{19}, 2^6\})$	8796093022208
8	$\mathcal{O}(3; \{8^4, 4^{21}, 2^3\})$	35184372088832
8	$\mathcal{O}(3; \{8^4, 4^{23}\})$	140737488355328
8	$\mathcal{O}(3; \{8^6, 2^{31}\})$	268435456
8	$\mathcal{O}(3; \{8^6, 4^2, 2^{28}\})$	1073741824
8	$\mathcal{O}(3; \{8^6, 4^4, 2^{25}\})$	4294967296
8	$\mathcal{O}(3; \{8^6, 4^6, 2^{22}\})$	17179869184
8	$\mathcal{O}(3; \{8^6, 4^8, 2^{19}\})$	68719476736
8	$\mathcal{O}(3; \{8^6, 4^{10}, 2^{16}\})$	274877906944
8	$\mathcal{O}(3; \{8^6, 4^{12}, 2^{13}\})$	1099511627776
8	$\mathcal{O}(3; \{8^6, 4^{14}, 2^{10}\})$	4398046511104
8	$\mathcal{O}(3; \{8^6, 4^{16}, 2^7\})$	17592186044416
8	$\mathcal{O}(3; \{8^6, 4^{18}, 2^4\})$	70368744177664
8	$\mathcal{O}(3; \{8^6, 4^{20}, 2\})$	281474976710656
8	$\mathcal{O}(3; \{8^8, 4, 2^{26}\})$	8589934592
8	$\mathcal{O}(3; \{8^8, 4^3, 2^{23}\})$	34359738368
8	$\mathcal{O}(3; \{8^8, 4^5, 2^{20}\})$	137438953472
8	$\mathcal{O}(3; \{8^8, 4^7, 2^{17}\})$	549755813888
8	$\mathcal{O}(3; \{8^8, 4^9, 2^{14}\})$	2199023255552
8	$\mathcal{O}(3; \{8^8, 4^{11}, 2^{11}\})$	8796093022208
8	$\mathcal{O}(3; \{8^8, 4^{13}, 2^8\})$	35184372088832
8	$\mathcal{O}(3; \{8^8, 4^{15}, 2^5\})$	140737488355328
8	$\mathcal{O}(3; \{8^8, 4^{17}, 2^2\})$	562949953421312
8	$\mathcal{O}(3; \{8^{10}, 2^{24}\})$	68719476736
8	$\mathcal{O}(3; \{8^{10}, 4^2, 2^{21}\})$	274877906944
8	$\mathcal{O}(3; \{8^{10}, 4^4, 2^{18}\})$	1099511627776
8	$\mathcal{O}(3; \{8^{10}, 4^6, 2^{15}\})$	4398046511104
8	$\mathcal{O}(3; \{8^{10}, 4^8, 2^{12}\})$	17592186044416
8	$\mathcal{O}(3; \{8^{10}, 4^{10}, 2^9\})$	70368744177664
8	$\mathcal{O}(3; \{8^{10}, 4^{12}, 2^6\})$	281474976710656
8	$\mathcal{O}(3; \{8^{10}, 4^{14}, 2^3\})$	1125899906842624
8	$\mathcal{O}(3; \{8^{10}, 4^{16}\})$	4503599627370496
8	$\mathcal{O}(3; \{8^{12}, 4, 2^{19}\})$	2199023255552
8	$\mathcal{O}(3; \{8^{12}, 4^3, 2^{16}\})$	8796093022208
8	$\mathcal{O}(3; \{8^{12}, 4^5, 2^{13}\})$	35184372088832
8	$\mathcal{O}(3; \{8^{12}, 4^7, 2^{10}\})$	140737488355328
8	$\mathcal{O}(3; \{8^{12}, 4^9, 2^7\})$	562949953421312
8	$\mathcal{O}(3; \{8^{12}, 4^{11}, 2^4\})$	2251799813685248
8	$\mathcal{O}(3; \{8^{12}, 4^{13}, 2\})$	9007199254740992
8	$\mathcal{O}(3; \{8^{14}, 2^{17}\})$	17592186044416

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(3; \{8^{14}, 4^2, 2^{14}\})$	70368744177664
8	$\mathcal{O}(3; \{8^{14}, 4^4, 2^{11}\})$	281474976710656
8	$\mathcal{O}(3; \{8^{14}, 4^6, 2^8\})$	1125899906842624
8	$\mathcal{O}(3; \{8^{14}, 4^8, 2^5\})$	4503599627370496
8	$\mathcal{O}(3; \{8^{14}, 4^{10}, 2^2\})$	18014398509481984
8	$\mathcal{O}(3; \{8^{16}, 4, 2^{12}\})$	562949953421312
8	$\mathcal{O}(3; \{8^{16}, 4^3, 2^9\})$	2251799813685248
8	$\mathcal{O}(3; \{8^{16}, 4^5, 2^6\})$	9007199254740992
8	$\mathcal{O}(3; \{8^{16}, 4^7, 2^3\})$	36028797018963968
8	$\mathcal{O}(3; \{8^{16}, 4^9\})$	144115188075855872
8	$\mathcal{O}(3; \{8^{18}, 2^{10}\})$	4503599627370496
8	$\mathcal{O}(3; \{8^{18}, 4^2, 2^7\})$	18014398509481984
8	$\mathcal{O}(3; \{8^{18}, 4^4, 2^4\})$	72057594037927936
8	$\mathcal{O}(3; \{8^{18}, 4^6, 2\})$	288230376151711744
8	$\mathcal{O}(3; \{8^{20}, 4, 2^5\})$	144115188075855872
8	$\mathcal{O}(3; \{8^{20}, 4^3, 2^2\})$	576460752303423488
8	$\mathcal{O}(3; \{8^{22}, 2^3\})$	1152921504606846976
8	$\mathcal{O}(3; \{8^{22}, 4^2\})$	4611686018427387904
8	$\mathcal{O}(2; \{8^2, 2^{42}\})$	16384
8	$\mathcal{O}(2; \{8^2, 4^2, 2^{39}\})$	65536
8	$\mathcal{O}(2; \{8^2, 4^4, 2^{36}\})$	262144
8	$\mathcal{O}(2; \{8^2, 4^6, 2^{33}\})$	1048576
8	$\mathcal{O}(2; \{8^2, 4^8, 2^{30}\})$	4194304
8	$\mathcal{O}(2; \{8^2, 4^{10}, 2^{27}\})$	16777216
8	$\mathcal{O}(2; \{8^2, 4^{12}, 2^{24}\})$	67108864
8	$\mathcal{O}(2; \{8^2, 4^{14}, 2^{21}\})$	268435456
8	$\mathcal{O}(2; \{8^2, 4^{16}, 2^{18}\})$	1073741824
8	$\mathcal{O}(2; \{8^2, 4^{18}, 2^{15}\})$	4294967296
8	$\mathcal{O}(2; \{8^2, 4^{20}, 2^{12}\})$	17179869184
8	$\mathcal{O}(2; \{8^2, 4^{22}, 2^9\})$	68719476736
8	$\mathcal{O}(2; \{8^2, 4^{24}, 2^6\})$	274877906944
8	$\mathcal{O}(2; \{8^2, 4^{26}, 2^3\})$	1099511627776
8	$\mathcal{O}(2; \{8^2, 4^{28}\})$	4398046511104
8	$\mathcal{O}(2; \{8^4, 4, 2^{37}\})$	524288
8	$\mathcal{O}(2; \{8^4, 4^3, 2^{34}\})$	2097152
8	$\mathcal{O}(2; \{8^4, 4^5, 2^{31}\})$	8388608
8	$\mathcal{O}(2; \{8^4, 4^7, 2^{28}\})$	33554432
8	$\mathcal{O}(2; \{8^4, 4^9, 2^{25}\})$	134217728
8	$\mathcal{O}(2; \{8^4, 4^{11}, 2^{22}\})$	536870912
8	$\mathcal{O}(2; \{8^4, 4^{13}, 2^{19}\})$	2147483648
8	$\mathcal{O}(2; \{8^4, 4^{15}, 2^{16}\})$	8589934592
8	$\mathcal{O}(2; \{8^4, 4^{17}, 2^{13}\})$	34359738368
8	$\mathcal{O}(2; \{8^4, 4^{19}, 2^{10}\})$	137438953472

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{8^4, 4^{21}, 2^7\})$	549755813888
8	$\mathcal{O}(2; \{8^4, 4^{23}, 2^4\})$	2199023255552
8	$\mathcal{O}(2; \{8^4, 4^{25}, 2\})$	8796093022208
8	$\mathcal{O}(2; \{8^6, 2^{35}\})$	4194304
8	$\mathcal{O}(2; \{8^6, 4^2, 2^{32}\})$	16777216
8	$\mathcal{O}(2; \{8^6, 4^4, 2^{29}\})$	67108864
8	$\mathcal{O}(2; \{8^6, 4^6, 2^{26}\})$	268435456
8	$\mathcal{O}(2; \{8^6, 4^8, 2^{23}\})$	1073741824
8	$\mathcal{O}(2; \{8^6, 4^{10}, 2^{20}\})$	4294967296
8	$\mathcal{O}(2; \{8^6, 4^{12}, 2^{17}\})$	17179869184
8	$\mathcal{O}(2; \{8^6, 4^{14}, 2^{14}\})$	68719476736
8	$\mathcal{O}(2; \{8^6, 4^{16}, 2^{11}\})$	274877906944
8	$\mathcal{O}(2; \{8^6, 4^{18}, 2^8\})$	1099511627776
8	$\mathcal{O}(2; \{8^6, 4^{20}, 2^5\})$	4398046511104
8	$\mathcal{O}(2; \{8^6, 4^{22}, 2^2\})$	17592186044416
8	$\mathcal{O}(2; \{8^8, 4, 2^{30}\})$	134217728
8	$\mathcal{O}(2; \{8^8, 4^3, 2^{27}\})$	536870912
8	$\mathcal{O}(2; \{8^8, 4^5, 2^{24}\})$	2147483648
8	$\mathcal{O}(2; \{8^8, 4^7, 2^{21}\})$	8589934592
8	$\mathcal{O}(2; \{8^8, 4^9, 2^{18}\})$	34359738368
8	$\mathcal{O}(2; \{8^8, 4^{11}, 2^{15}\})$	137438953472
8	$\mathcal{O}(2; \{8^8, 4^{13}, 2^{12}\})$	549755813888
8	$\mathcal{O}(2; \{8^8, 4^{15}, 2^9\})$	2199023255552
8	$\mathcal{O}(2; \{8^8, 4^{17}, 2^6\})$	8796093022208
8	$\mathcal{O}(2; \{8^8, 4^{19}, 2^3\})$	35184372088832
8	$\mathcal{O}(2; \{8^8, 4^{21}\})$	140737488355328
8	$\mathcal{O}(2; \{8^{10}, 2^{28}\})$	1073741824
8	$\mathcal{O}(2; \{8^{10}, 4^2, 2^{25}\})$	4294967296
8	$\mathcal{O}(2; \{8^{10}, 4^4, 2^{22}\})$	17179869184
8	$\mathcal{O}(2; \{8^{10}, 4^6, 2^{19}\})$	68719476736
8	$\mathcal{O}(2; \{8^{10}, 4^8, 2^{16}\})$	274877906944
8	$\mathcal{O}(2; \{8^{10}, 4^{10}, 2^{13}\})$	1099511627776
8	$\mathcal{O}(2; \{8^{10}, 4^{12}, 2^{10}\})$	4398046511104
8	$\mathcal{O}(2; \{8^{10}, 4^{14}, 2^7\})$	17592186044416
8	$\mathcal{O}(2; \{8^{10}, 4^{16}, 2^4\})$	70368744177664
8	$\mathcal{O}(2; \{8^{10}, 4^{18}, 2\})$	281474976710656
8	$\mathcal{O}(2; \{8^{12}, 4, 2^{23}\})$	34359738368
8	$\mathcal{O}(2; \{8^{12}, 4^3, 2^{20}\})$	137438953472
8	$\mathcal{O}(2; \{8^{12}, 4^5, 2^{17}\})$	549755813888
8	$\mathcal{O}(2; \{8^{12}, 4^7, 2^{14}\})$	2199023255552
8	$\mathcal{O}(2; \{8^{12}, 4^9, 2^{11}\})$	8796093022208
8	$\mathcal{O}(2; \{8^{12}, 4^{11}, 2^8\})$	35184372088832
8	$\mathcal{O}(2; \{8^{12}, 4^{13}, 2^5\})$	140737488355328

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{8^{12}, 4^{15}, 2^2\})$	562949953421312
8	$\mathcal{O}(2; \{8^{14}, 2^{21}\})$	274877906944
8	$\mathcal{O}(2; \{8^{14}, 4^2, 2^{18}\})$	1099511627776
8	$\mathcal{O}(2; \{8^{14}, 4^4, 2^{15}\})$	4398046511104
8	$\mathcal{O}(2; \{8^{14}, 4^6, 2^{12}\})$	17592186044416
8	$\mathcal{O}(2; \{8^{14}, 4^8, 2^9\})$	70368744177664
8	$\mathcal{O}(2; \{8^{14}, 4^{10}, 2^6\})$	281474976710656
8	$\mathcal{O}(2; \{8^{14}, 4^{12}, 2^3\})$	1125899906842624
8	$\mathcal{O}(2; \{8^{14}, 4^{14}\})$	4503599627370496
8	$\mathcal{O}(2; \{8^{16}, 4, 2^{16}\})$	8796093022208
8	$\mathcal{O}(2; \{8^{16}, 4^3, 2^{13}\})$	35184372088832
8	$\mathcal{O}(2; \{8^{16}, 4^5, 2^{10}\})$	140737488355328
8	$\mathcal{O}(2; \{8^{16}, 4^7, 2^7\})$	562949953421312
8	$\mathcal{O}(2; \{8^{16}, 4^9, 2^4\})$	2251799813685248
8	$\mathcal{O}(2; \{8^{16}, 4^{11}, 2\})$	9007199254740992
8	$\mathcal{O}(2; \{8^{18}, 2^{14}\})$	70368744177664
8	$\mathcal{O}(2; \{8^{18}, 4^2, 2^{11}\})$	281474976710656
8	$\mathcal{O}(2; \{8^{18}, 4^4, 2^8\})$	1125899906842624
8	$\mathcal{O}(2; \{8^{18}, 4^6, 2^5\})$	4503599627370496
8	$\mathcal{O}(2; \{8^{18}, 4^8, 2^2\})$	18014398509481984
8	$\mathcal{O}(2; \{8^{20}, 4, 2^9\})$	2251799813685248
8	$\mathcal{O}(2; \{8^{20}, 4^3, 2^6\})$	9007199254740992
8	$\mathcal{O}(2; \{8^{20}, 4^5, 2^3\})$	36028797018963968
8	$\mathcal{O}(2; \{8^{20}, 4^7\})$	144115188075855872
8	$\mathcal{O}(2; \{8^{22}, 2^7\})$	18014398509481984
8	$\mathcal{O}(2; \{8^{22}, 4^2, 2^4\})$	72057594037927936
8	$\mathcal{O}(2; \{8^{22}, 4^4, 2\})$	288230376151711744
8	$\mathcal{O}(2; \{8^{24}, 4, 2^2\})$	576460752303423488
8	$\mathcal{O}(2; \{8^{26}\})$	4611686018427387904
8	$\mathcal{O}(1; \{8^2, 2^{46}\})$	256
8	$\mathcal{O}(1; \{8^2, 4^2, 2^{43}\})$	1024
8	$\mathcal{O}(1; \{8^2, 4^4, 2^{40}\})$	4096
8	$\mathcal{O}(1; \{8^2, 4^6, 2^{37}\})$	16384
8	$\mathcal{O}(1; \{8^2, 4^8, 2^{34}\})$	65536
8	$\mathcal{O}(1; \{8^2, 4^{10}, 2^{31}\})$	262144
8	$\mathcal{O}(1; \{8^2, 4^{12}, 2^{28}\})$	1048576
8	$\mathcal{O}(1; \{8^2, 4^{14}, 2^{25}\})$	4194304
8	$\mathcal{O}(1; \{8^2, 4^{16}, 2^{22}\})$	16777216
8	$\mathcal{O}(1; \{8^2, 4^{18}, 2^{19}\})$	67108864
8	$\mathcal{O}(1; \{8^2, 4^{20}, 2^{16}\})$	268435456
8	$\mathcal{O}(1; \{8^2, 4^{22}, 2^{13}\})$	1073741824
8	$\mathcal{O}(1; \{8^2, 4^{24}, 2^{10}\})$	4294967296
8	$\mathcal{O}(1; \{8^2, 4^{26}, 2^7\})$	17179869184

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{8^2, 4^{28}, 2^4\})$	68719476736
8	$\mathcal{O}(1; \{8^2, 4^{30}, 2\})$	274877906944
8	$\mathcal{O}(1; \{8^4, 4, 2^{41}\})$	8192
8	$\mathcal{O}(1; \{8^4, 4^3, 2^{38}\})$	32768
8	$\mathcal{O}(1; \{8^4, 4^5, 2^{35}\})$	131072
8	$\mathcal{O}(1; \{8^4, 4^7, 2^{32}\})$	524288
8	$\mathcal{O}(1; \{8^4, 4^9, 2^{29}\})$	2097152
8	$\mathcal{O}(1; \{8^4, 4^{11}, 2^{26}\})$	8388608
8	$\mathcal{O}(1; \{8^4, 4^{13}, 2^{23}\})$	33554432
8	$\mathcal{O}(1; \{8^4, 4^{15}, 2^{20}\})$	134217728
8	$\mathcal{O}(1; \{8^4, 4^{17}, 2^{17}\})$	536870912
8	$\mathcal{O}(1; \{8^4, 4^{19}, 2^{14}\})$	2147483648
8	$\mathcal{O}(1; \{8^4, 4^{21}, 2^{11}\})$	8589934592
8	$\mathcal{O}(1; \{8^4, 4^{23}, 2^8\})$	34359738368
8	$\mathcal{O}(1; \{8^4, 4^{25}, 2^5\})$	137438953472
8	$\mathcal{O}(1; \{8^4, 4^{27}, 2^2\})$	549755813888
8	$\mathcal{O}(1; \{8^6, 2^{39}\})$	65536
8	$\mathcal{O}(1; \{8^6, 4^2, 2^{36}\})$	262144
8	$\mathcal{O}(1; \{8^6, 4^4, 2^{33}\})$	1048576
8	$\mathcal{O}(1; \{8^6, 4^6, 2^{30}\})$	4194304
8	$\mathcal{O}(1; \{8^6, 4^8, 2^{27}\})$	16777216
8	$\mathcal{O}(1; \{8^6, 4^{10}, 2^{24}\})$	67108864
8	$\mathcal{O}(1; \{8^6, 4^{12}, 2^{21}\})$	268435456
8	$\mathcal{O}(1; \{8^6, 4^{14}, 2^{18}\})$	1073741824
8	$\mathcal{O}(1; \{8^6, 4^{16}, 2^{15}\})$	4294967296
8	$\mathcal{O}(1; \{8^6, 4^{18}, 2^{12}\})$	17179869184
8	$\mathcal{O}(1; \{8^6, 4^{20}, 2^9\})$	68719476736
8	$\mathcal{O}(1; \{8^6, 4^{22}, 2^6\})$	274877906944
8	$\mathcal{O}(1; \{8^6, 4^{24}, 2^3\})$	1099511627776
8	$\mathcal{O}(1; \{8^6, 4^{26}\})$	4398046511104
8	$\mathcal{O}(1; \{8^8, 4, 2^{34}\})$	2097152
8	$\mathcal{O}(1; \{8^8, 4^3, 2^{31}\})$	8388608
8	$\mathcal{O}(1; \{8^8, 4^5, 2^{28}\})$	33554432
8	$\mathcal{O}(1; \{8^8, 4^7, 2^{25}\})$	134217728
8	$\mathcal{O}(1; \{8^8, 4^9, 2^{22}\})$	536870912
8	$\mathcal{O}(1; \{8^8, 4^{11}, 2^{19}\})$	2147483648
8	$\mathcal{O}(1; \{8^8, 4^{13}, 2^{16}\})$	8589934592
8	$\mathcal{O}(1; \{8^8, 4^{15}, 2^{13}\})$	34359738368
8	$\mathcal{O}(1; \{8^8, 4^{17}, 2^{10}\})$	137438953472
8	$\mathcal{O}(1; \{8^8, 4^{19}, 2^7\})$	549755813888
8	$\mathcal{O}(1; \{8^8, 4^{21}, 2^4\})$	2199023255552
8	$\mathcal{O}(1; \{8^8, 4^{23}, 2\})$	8796093022208
8	$\mathcal{O}(1; \{8^{10}, 2^{32}\})$	16777216

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{8^{10}, 4^2, 2^{29}\})$	67108864
8	$\mathcal{O}(1; \{8^{10}, 4^4, 2^{26}\})$	268435456
8	$\mathcal{O}(1; \{8^{10}, 4^6, 2^{23}\})$	1073741824
8	$\mathcal{O}(1; \{8^{10}, 4^8, 2^{20}\})$	4294967296
8	$\mathcal{O}(1; \{8^{10}, 4^{10}, 2^{17}\})$	17179869184
8	$\mathcal{O}(1; \{8^{10}, 4^{12}, 2^{14}\})$	68719476736
8	$\mathcal{O}(1; \{8^{10}, 4^{14}, 2^{11}\})$	274877906944
8	$\mathcal{O}(1; \{8^{10}, 4^{16}, 2^8\})$	1099511627776
8	$\mathcal{O}(1; \{8^{10}, 4^{18}, 2^5\})$	4398046511104
8	$\mathcal{O}(1; \{8^{10}, 4^{20}, 2^2\})$	17592186044416
8	$\mathcal{O}(1; \{8^{12}, 4, 2^{27}\})$	536870912
8	$\mathcal{O}(1; \{8^{12}, 4^3, 2^{24}\})$	2147483648
8	$\mathcal{O}(1; \{8^{12}, 4^5, 2^{21}\})$	8589934592
8	$\mathcal{O}(1; \{8^{12}, 4^7, 2^{18}\})$	34359738368
8	$\mathcal{O}(1; \{8^{12}, 4^9, 2^{15}\})$	137438953472
8	$\mathcal{O}(1; \{8^{12}, 4^{11}, 2^{12}\})$	549755813888
8	$\mathcal{O}(1; \{8^{12}, 4^{13}, 2^9\})$	2199023255552
8	$\mathcal{O}(1; \{8^{12}, 4^{15}, 2^6\})$	8796093022208
8	$\mathcal{O}(1; \{8^{12}, 4^{17}, 2^3\})$	35184372088832
8	$\mathcal{O}(1; \{8^{12}, 4^{19}\})$	140737488355328
8	$\mathcal{O}(1; \{8^{14}, 2^{25}\})$	4294967296
8	$\mathcal{O}(1; \{8^{14}, 4^2, 2^{22}\})$	17179869184
8	$\mathcal{O}(1; \{8^{14}, 4^4, 2^{19}\})$	68719476736
8	$\mathcal{O}(1; \{8^{14}, 4^6, 2^{16}\})$	274877906944
8	$\mathcal{O}(1; \{8^{14}, 4^8, 2^{13}\})$	1099511627776
8	$\mathcal{O}(1; \{8^{14}, 4^{10}, 2^{10}\})$	4398046511104
8	$\mathcal{O}(1; \{8^{14}, 4^{12}, 2^7\})$	17592186044416
8	$\mathcal{O}(1; \{8^{14}, 4^{14}, 2^4\})$	70368744177664
8	$\mathcal{O}(1; \{8^{14}, 4^{16}, 2\})$	281474976710656
8	$\mathcal{O}(1; \{8^{16}, 4, 2^{20}\})$	137438953472
8	$\mathcal{O}(1; \{8^{16}, 4^3, 2^{17}\})$	549755813888
8	$\mathcal{O}(1; \{8^{16}, 4^5, 2^{14}\})$	2199023255552
8	$\mathcal{O}(1; \{8^{16}, 4^7, 2^{11}\})$	8796093022208
8	$\mathcal{O}(1; \{8^{16}, 4^9, 2^8\})$	35184372088832
8	$\mathcal{O}(1; \{8^{16}, 4^{11}, 2^5\})$	140737488355328
8	$\mathcal{O}(1; \{8^{16}, 4^{13}, 2^2\})$	562949953421312
8	$\mathcal{O}(1; \{8^{18}, 2^{18}\})$	1099511627776
8	$\mathcal{O}(1; \{8^{18}, 4^2, 2^{15}\})$	4398046511104
8	$\mathcal{O}(1; \{8^{18}, 4^4, 2^{12}\})$	17592186044416
8	$\mathcal{O}(1; \{8^{18}, 4^6, 2^9\})$	70368744177664
8	$\mathcal{O}(1; \{8^{18}, 4^8, 2^6\})$	281474976710656
8	$\mathcal{O}(1; \{8^{18}, 4^{10}, 2^3\})$	1125899906842624
8	$\mathcal{O}(1; \{8^{18}, 4^{12}\})$	4503599627370496

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{8^{20}, 4, 2^{13}\})$	35184372088832
8	$\mathcal{O}(1; \{8^{20}, 4^3, 2^{10}\})$	140737488355328
8	$\mathcal{O}(1; \{8^{20}, 4^5, 2^7\})$	562949953421312
8	$\mathcal{O}(1; \{8^{20}, 4^7, 2^4\})$	2251799813685248
8	$\mathcal{O}(1; \{8^{20}, 4^9, 2\})$	9007199254740992
8	$\mathcal{O}(1; \{8^{22}, 2^{11}\})$	281474976710656
8	$\mathcal{O}(1; \{8^{22}, 4^2, 2^8\})$	1125899906842624
8	$\mathcal{O}(1; \{8^{22}, 4^4, 2^5\})$	4503599627370496
8	$\mathcal{O}(1; \{8^{22}, 4^6, 2^2\})$	18014398509481984
8	$\mathcal{O}(1; \{8^{24}, 4, 2^6\})$	9007199254740992
8	$\mathcal{O}(1; \{8^{24}, 4^3, 2^3\})$	36028797018963968
8	$\mathcal{O}(1; \{8^{24}, 4^5\})$	144115188075855872
8	$\mathcal{O}(1; \{8^{26}, 2^4\})$	72057594037927936
8	$\mathcal{O}(1; \{8^{26}, 4^2, 2\})$	288230376151711744
8	$\mathcal{O}(0; \{8^2, 2^{50}\})$	4
8	$\mathcal{O}(0; \{8^2, 4^2, 2^{47}\})$	16
8	$\mathcal{O}(0; \{8^2, 4^4, 2^{44}\})$	64
8	$\mathcal{O}(0; \{8^2, 4^6, 2^{41}\})$	256
8	$\mathcal{O}(0; \{8^2, 4^8, 2^{38}\})$	1024
8	$\mathcal{O}(0; \{8^2, 4^{10}, 2^{35}\})$	4096
8	$\mathcal{O}(0; \{8^2, 4^{12}, 2^{32}\})$	16384
8	$\mathcal{O}(0; \{8^2, 4^{14}, 2^{29}\})$	65536
8	$\mathcal{O}(0; \{8^2, 4^{16}, 2^{26}\})$	262144
8	$\mathcal{O}(0; \{8^2, 4^{18}, 2^{23}\})$	1048576
8	$\mathcal{O}(0; \{8^2, 4^{20}, 2^{20}\})$	4194304
8	$\mathcal{O}(0; \{8^2, 4^{22}, 2^{17}\})$	16777216
8	$\mathcal{O}(0; \{8^2, 4^{24}, 2^{14}\})$	67108864
8	$\mathcal{O}(0; \{8^2, 4^{26}, 2^{11}\})$	268435456
8	$\mathcal{O}(0; \{8^2, 4^{28}, 2^8\})$	1073741824
8	$\mathcal{O}(0; \{8^2, 4^{30}, 2^5\})$	4294967296
8	$\mathcal{O}(0; \{8^2, 4^{32}, 2^2\})$	17179869184
8	$\mathcal{O}(0; \{8^4, 4, 2^{45}\})$	128
8	$\mathcal{O}(0; \{8^4, 4^3, 2^{42}\})$	512
8	$\mathcal{O}(0; \{8^4, 4^5, 2^{39}\})$	2048
8	$\mathcal{O}(0; \{8^4, 4^7, 2^{36}\})$	8192
8	$\mathcal{O}(0; \{8^4, 4^9, 2^{33}\})$	32768
8	$\mathcal{O}(0; \{8^4, 4^{11}, 2^{30}\})$	131072
8	$\mathcal{O}(0; \{8^4, 4^{13}, 2^{27}\})$	524288
8	$\mathcal{O}(0; \{8^4, 4^{15}, 2^{24}\})$	2097152
8	$\mathcal{O}(0; \{8^4, 4^{17}, 2^{21}\})$	8388608
8	$\mathcal{O}(0; \{8^4, 4^{19}, 2^{18}\})$	33554432
8	$\mathcal{O}(0; \{8^4, 4^{21}, 2^{15}\})$	134217728
8	$\mathcal{O}(0; \{8^4, 4^{23}, 2^{12}\})$	536870912

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{8^4, 4^{25}, 2^9\})$	2147483648
8	$\mathcal{O}(0; \{8^4, 4^{27}, 2^6\})$	8589934592
8	$\mathcal{O}(0; \{8^4, 4^{29}, 2^3\})$	34359738368
8	$\mathcal{O}(0; \{8^4, 4^{31}\})$	137438953472
8	$\mathcal{O}(0; \{8^6, 2^{43}\})$	1024
8	$\mathcal{O}(0; \{8^6, 4^2, 2^{40}\})$	4096
8	$\mathcal{O}(0; \{8^6, 4^4, 2^{37}\})$	16384
8	$\mathcal{O}(0; \{8^6, 4^6, 2^{34}\})$	65536
8	$\mathcal{O}(0; \{8^6, 4^8, 2^{31}\})$	262144
8	$\mathcal{O}(0; \{8^6, 4^{10}, 2^{28}\})$	1048576
8	$\mathcal{O}(0; \{8^6, 4^{12}, 2^{25}\})$	4194304
8	$\mathcal{O}(0; \{8^6, 4^{14}, 2^{22}\})$	16777216
8	$\mathcal{O}(0; \{8^6, 4^{16}, 2^{19}\})$	67108864
8	$\mathcal{O}(0; \{8^6, 4^{18}, 2^{16}\})$	268435456
8	$\mathcal{O}(0; \{8^6, 4^{20}, 2^{13}\})$	1073741824
8	$\mathcal{O}(0; \{8^6, 4^{22}, 2^{10}\})$	4294967296
8	$\mathcal{O}(0; \{8^6, 4^{24}, 2^7\})$	17179869184
8	$\mathcal{O}(0; \{8^6, 4^{26}, 2^4\})$	68719476736
8	$\mathcal{O}(0; \{8^6, 4^{28}, 2\})$	274877906944
8	$\mathcal{O}(0; \{8^8, 4, 2^{38}\})$	32768
8	$\mathcal{O}(0; \{8^8, 4^3, 2^{35}\})$	131072
8	$\mathcal{O}(0; \{8^8, 4^5, 2^{32}\})$	524288
8	$\mathcal{O}(0; \{8^8, 4^7, 2^{29}\})$	2097152
8	$\mathcal{O}(0; \{8^8, 4^9, 2^{26}\})$	8388608
8	$\mathcal{O}(0; \{8^8, 4^{11}, 2^{23}\})$	33554432
8	$\mathcal{O}(0; \{8^8, 4^{13}, 2^{20}\})$	134217728
8	$\mathcal{O}(0; \{8^8, 4^{15}, 2^{17}\})$	536870912
8	$\mathcal{O}(0; \{8^8, 4^{17}, 2^{14}\})$	2147483648
8	$\mathcal{O}(0; \{8^8, 4^{19}, 2^{11}\})$	8589934592
8	$\mathcal{O}(0; \{8^8, 4^{21}, 2^8\})$	34359738368
8	$\mathcal{O}(0; \{8^8, 4^{23}, 2^5\})$	137438953472
8	$\mathcal{O}(0; \{8^8, 4^{25}, 2^2\})$	549755813888
8	$\mathcal{O}(0; \{8^{10}, 2^{36}\})$	262144
8	$\mathcal{O}(0; \{8^{10}, 4^2, 2^{33}\})$	1048576
8	$\mathcal{O}(0; \{8^{10}, 4^4, 2^{30}\})$	4194304
8	$\mathcal{O}(0; \{8^{10}, 4^6, 2^{27}\})$	16777216
8	$\mathcal{O}(0; \{8^{10}, 4^8, 2^{24}\})$	67108864
8	$\mathcal{O}(0; \{8^{10}, 4^{10}, 2^{21}\})$	268435456
8	$\mathcal{O}(0; \{8^{10}, 4^{12}, 2^{18}\})$	1073741824
8	$\mathcal{O}(0; \{8^{10}, 4^{14}, 2^{15}\})$	4294967296
8	$\mathcal{O}(0; \{8^{10}, 4^{16}, 2^{12}\})$	17179869184
8	$\mathcal{O}(0; \{8^{10}, 4^{18}, 2^9\})$	68719476736
8	$\mathcal{O}(0; \{8^{10}, 4^{20}, 2^6\})$	274877906944

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{8^{10}, 4^{22}, 2^3\})$	1099511627776
8	$\mathcal{O}(0; \{8^{10}, 4^{24}\})$	4398046511104
8	$\mathcal{O}(0; \{8^{12}, 4, 2^{31}\})$	8388608
8	$\mathcal{O}(0; \{8^{12}, 4^3, 2^{28}\})$	33554432
8	$\mathcal{O}(0; \{8^{12}, 4^5, 2^{25}\})$	134217728
8	$\mathcal{O}(0; \{8^{12}, 4^7, 2^{22}\})$	536870912
8	$\mathcal{O}(0; \{8^{12}, 4^9, 2^{19}\})$	2147483648
8	$\mathcal{O}(0; \{8^{12}, 4^{11}, 2^{16}\})$	8589934592
8	$\mathcal{O}(0; \{8^{12}, 4^{13}, 2^{13}\})$	34359738368
8	$\mathcal{O}(0; \{8^{12}, 4^{15}, 2^{10}\})$	137438953472
8	$\mathcal{O}(0; \{8^{12}, 4^{17}, 2^7\})$	549755813888
8	$\mathcal{O}(0; \{8^{12}, 4^{19}, 2^4\})$	2199023255552
8	$\mathcal{O}(0; \{8^{12}, 4^{21}, 2\})$	8796093022208
8	$\mathcal{O}(0; \{8^{14}, 2^{29}\})$	67108864
8	$\mathcal{O}(0; \{8^{14}, 4^2, 2^{26}\})$	268435456
8	$\mathcal{O}(0; \{8^{14}, 4^4, 2^{23}\})$	1073741824
8	$\mathcal{O}(0; \{8^{14}, 4^6, 2^{20}\})$	4294967296
8	$\mathcal{O}(0; \{8^{14}, 4^8, 2^{17}\})$	17179869184
8	$\mathcal{O}(0; \{8^{14}, 4^{10}, 2^{14}\})$	68719476736
8	$\mathcal{O}(0; \{8^{14}, 4^{12}, 2^{11}\})$	274877906944
8	$\mathcal{O}(0; \{8^{14}, 4^{14}, 2^8\})$	1099511627776
8	$\mathcal{O}(0; \{8^{14}, 4^{16}, 2^5\})$	4398046511104
8	$\mathcal{O}(0; \{8^{14}, 4^{18}, 2^2\})$	17592186044416
8	$\mathcal{O}(0; \{8^{16}, 4, 2^{24}\})$	2147483648
8	$\mathcal{O}(0; \{8^{16}, 4^3, 2^{21}\})$	8589934592
8	$\mathcal{O}(0; \{8^{16}, 4^5, 2^{18}\})$	34359738368
8	$\mathcal{O}(0; \{8^{16}, 4^7, 2^{15}\})$	137438953472
8	$\mathcal{O}(0; \{8^{16}, 4^9, 2^{12}\})$	549755813888
8	$\mathcal{O}(0; \{8^{16}, 4^{11}, 2^9\})$	2199023255552
8	$\mathcal{O}(0; \{8^{16}, 4^{13}, 2^6\})$	8796093022208
8	$\mathcal{O}(0; \{8^{16}, 4^{15}, 2^3\})$	35184372088832
8	$\mathcal{O}(0; \{8^{16}, 4^{17}\})$	140737488355328
8	$\mathcal{O}(0; \{8^{18}, 2^{22}\})$	17179869184
8	$\mathcal{O}(0; \{8^{18}, 4^2, 2^{19}\})$	68719476736
8	$\mathcal{O}(0; \{8^{18}, 4^4, 2^{16}\})$	274877906944
8	$\mathcal{O}(0; \{8^{18}, 4^6, 2^{13}\})$	1099511627776
8	$\mathcal{O}(0; \{8^{18}, 4^8, 2^{10}\})$	4398046511104
8	$\mathcal{O}(0; \{8^{18}, 4^{10}, 2^7\})$	17592186044416
8	$\mathcal{O}(0; \{8^{18}, 4^{12}, 2^4\})$	70368744177664
8	$\mathcal{O}(0; \{8^{18}, 4^{14}, 2\})$	281474976710656
8	$\mathcal{O}(0; \{8^{20}, 4, 2^{17}\})$	549755813888
8	$\mathcal{O}(0; \{8^{20}, 4^3, 2^{14}\})$	2199023255552
8	$\mathcal{O}(0; \{8^{20}, 4^5, 2^{11}\})$	8796093022208

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{8^{20}, 4^7, 2^8\})$	35184372088832
8	$\mathcal{O}(0; \{8^{20}, 4^9, 2^5\})$	140737488355328
8	$\mathcal{O}(0; \{8^{20}, 4^{11}, 2^2\})$	562949953421312
8	$\mathcal{O}(0; \{8^{22}, 2^{15}\})$	4398046511104
8	$\mathcal{O}(0; \{8^{22}, 4^2, 2^{12}\})$	17592186044416
8	$\mathcal{O}(0; \{8^{22}, 4^4, 2^9\})$	70368744177664
8	$\mathcal{O}(0; \{8^{22}, 4^6, 2^6\})$	281474976710656
8	$\mathcal{O}(0; \{8^{22}, 4^8, 2^3\})$	1125899906842624
8	$\mathcal{O}(0; \{8^{22}, 4^{10}\})$	4503599627370496
8	$\mathcal{O}(0; \{8^{24}, 4, 2^{10}\})$	140737488355328
8	$\mathcal{O}(0; \{8^{24}, 4^3, 2^7\})$	562949953421312
8	$\mathcal{O}(0; \{8^{24}, 4^5, 2^4\})$	2251799813685248
8	$\mathcal{O}(0; \{8^{24}, 4^7, 2\})$	9007199254740992
8	$\mathcal{O}(0; \{8^{26}, 2^8\})$	1125899906842624
8	$\mathcal{O}(0; \{8^{26}, 4^2, 2^5\})$	4503599627370496
8	$\mathcal{O}(0; \{8^{26}, 4^4, 2^2\})$	18014398509481984
8	$\mathcal{O}(0; \{8^{28}, 4, 2^3\})$	36028797018963968
8	$\mathcal{O}(0; \{8^{28}, 4^3\})$	144115188075855872
8	$\mathcal{O}(0; \{8^{30}, 2\})$	288230376151711744
9	$\mathcal{O}(12; \emptyset)$	79766443076590080326880
9	$\mathcal{O}(11; \{3^3\})$	1969541804304460346544
9	$\mathcal{O}(10; \{3^6\})$	267468640022543176800
9	$\mathcal{O}(10; \{9^3, 3^2\})$	875351913052098873672
9	$\mathcal{O}(9; \{3^9\})$	25516087934628367440
9	$\mathcal{O}(9; \{9^3, 3^5\})$	86454509931071493696
9	$\mathcal{O}(9; \{9^6, 3\})$	1604811840595514601732
9	$\mathcal{O}(8; \{3^{12}\})$	2531225519169793920
9	$\mathcal{O}(8; \{9^3, 3^8\})$	8538717030229283328
9	$\mathcal{O}(8; \{9^6, 3^4\})$	158499934873631071776
9	$\mathcal{O}(8; \{9^9\})$	2066803128039677896170
9	$\mathcal{O}(7; \{3^{15}\})$	249860274953496624
9	$\mathcal{O}(7; \{9^3, 3^{11}\})$	843330077059682304
9	$\mathcal{O}(7; \{9^6, 3^7\})$	15654314555420352768
9	$\mathcal{O}(7; \{9^9, 3^3\})$	204128704003918804560
9	$\mathcal{O}(6; \{3^{18}\})$	24679211318405280
9	$\mathcal{O}(6; \{9^3, 3^{14}\})$	83291859462684672
9	$\mathcal{O}(6; \{9^6, 3^{10}\})$	1546105141276084224
9	$\mathcal{O}(6; \{9^9, 3^6\})$	20160859654708030080
9	$\mathcal{O}(6; \{9^{12}, 3^2\})$	273372362420934399048
9	$\mathcal{O}(5; \{3^{21}\})$	2437395357315600
9	$\mathcal{O}(5; \{9^3, 3^{17}\})$	8226356490141696
9	$\mathcal{O}(5; \{9^6, 3^{13}\})$	152701742348255232
9	$\mathcal{O}(5; \{9^9, 3^9\})$	1991196015279805440

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
9	$\mathcal{O}(5; \{9^{12}, 3^5\})$	26999739498363891264
9	$\mathcal{O}(5; \{9^{15}, 3\})$	364296357047516533236
9	$\mathcal{O}(4; \{3^{24}\})$	240698049024960
9	$\mathcal{O}(4; \{9^3, 3^{20}\})$	812479653347328
9	$\mathcal{O}(4; \{9^6, 3^{16}\})$	15081653565259776
9	$\mathcal{O}(4; \{9^9, 3^{12}\})$	196661334842449920
9	$\mathcal{O}(4; \{9^{12}, 3^8\})$	2666640938110013952
9	$\mathcal{O}(4; \{9^{15}, 3^4\})$	35979887115804102048
9	$\mathcal{O}(4; \{9^{18}\})$	485761830426754710786
9	$\mathcal{O}(3; \{3^{27}\})$	23743652600304
9	$\mathcal{O}(3; \{9^3, 3^{23}\})$	80244904034304
9	$\mathcal{O}(3; \{9^6, 3^{19}\})$	1489546031136768
9	$\mathcal{O}(3; \{9^9, 3^{15}\})$	19423341712834560
9	$\mathcal{O}(3; \{9^{12}, 3^{11}\})$	263371944504692736
9	$\mathcal{O}(3; \{9^{15}, 3^7\})$	3553569097857195264
9	$\mathcal{O}(3; \{9^{18}, 3^3\})$	47976477079185650448
9	$\mathcal{O}(2; \{3^{30}\})$	2319282344160
9	$\mathcal{O}(2; \{9^3, 3^{26}\})$	7925422620672
9	$\mathcal{O}(2; \{9^6, 3^{22}\})$	147115657396224
9	$\mathcal{O}(2; \{9^9, 3^{18}\})$	1918354737070080
9	$\mathcal{O}(2; \{9^{12}, 3^{14}\})$	26012043901698048
9	$\mathcal{O}(2; \{9^{15}, 3^{10}\})$	350969787442685952
9	$\mathcal{O}(2; \{9^{18}, 3^6\})$	4738417489302286464
9	$\mathcal{O}(2; \{9^{21}, 3^2\})$	63968087062561948200
9	$\mathcal{O}(1; \{3^{33}\})$	206158430160
9	$\mathcal{O}(1; \{9^3, 3^{29}\})$	782757789696
9	$\mathcal{O}(1; \{9^6, 3^{25}\})$	14529941471232
9	$\mathcal{O}(1; \{9^9, 3^{21}\})$	189467134525440
9	$\mathcal{O}(1; \{9^{12}, 3^{17}\})$	2569090755723264
9	$\mathcal{O}(1; \{9^{15}, 3^{13}\})$	34663682710388736
9	$\mathcal{O}(1; \{9^{18}, 3^9\})$	467991850795287552
9	$\mathcal{O}(1; \{9^{21}, 3^5\})$	6317835759265377600
9	$\mathcal{O}(1; \{9^{24}, 3\})$	85290874257252417444
9	$\mathcal{O}(0; \{9^3, 3^{32}\})$	77309411328
9	$\mathcal{O}(0; \{9^6, 3^{28}\})$	1435055947776
9	$\mathcal{O}(0; \{9^9, 3^{24}\})$	18712803409920
9	$\mathcal{O}(0; \{9^{12}, 3^{20}\})$	253737358589952
9	$\mathcal{O}(0; \{9^{15}, 3^{16}\})$	3423573601026048
9	$\mathcal{O}(0; \{9^{18}, 3^{12}\})$	46221417362497536
9	$\mathcal{O}(0; \{9^{21}, 3^8\})$	623983778692876800
9	$\mathcal{O}(0; \{9^{24}, 3^4\})$	8423790050099004192
9	$\mathcal{O}(0; \{9^{27}\})$	113721150425141586618
10	$\mathcal{O}(10; \{10^2\})$	40000000000000000000

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(9; \{10, 5^3, 2\})$	5200000000000000000
10	$\mathcal{O}(9; \{10^2, 2^4\})$	4000000000000000000
10	$\mathcal{O}(8; \{5^6, 2^2\})$	8200000000000000000
10	$\mathcal{O}(8; \{10, 5^3, 2^5\})$	5200000000000000000
10	$\mathcal{O}(8; \{10^2, 2^8\})$	4000000000000000000
10	$\mathcal{O}(8; \{10^2, 5^5\})$	3276000000000000000
10	$\mathcal{O}(8; \{10^3, 5^2, 2^3\})$	2040000000000000000
10	$\mathcal{O}(8; \{10^5, 5, 2\})$	8200000000000000000
10	$\mathcal{O}(7; \{5^6, 2^6\})$	8200000000000000000
10	$\mathcal{O}(7; \{10, 5^3, 2^9\})$	5200000000000000000
10	$\mathcal{O}(7; \{10, 5^8, 2\})$	5242800000000000000
10	$\mathcal{O}(7; \{10^2, 2^{12}\})$	4000000000000000000
10	$\mathcal{O}(7; \{10^2, 5^5, 2^4\})$	3276000000000000000
10	$\mathcal{O}(7; \{10^3, 5^2, 2^7\})$	2040000000000000000
10	$\mathcal{O}(7; \{10^4, 5^4, 2^2\})$	1310800000000000000
10	$\mathcal{O}(7; \{10^5, 5, 2^5\})$	8200000000000000000
10	$\mathcal{O}(7; \{10^6, 5^3\})$	5242800000000000000
10	$\mathcal{O}(7; \{10^7, 2^3\})$	3276000000000000000
10	$\mathcal{O}(6; \{5^6, 2^{10}\})$	8200000000000000000
10	$\mathcal{O}(6; \{5^{11}, 2^2\})$	8388600000000000000
10	$\mathcal{O}(6; \{10, 5^3, 2^{13}\})$	5200000000000000000
10	$\mathcal{O}(6; \{10, 5^8, 2^5\})$	5242800000000000000
10	$\mathcal{O}(6; \{10^2, 2^{16}\})$	4000000000000000000
10	$\mathcal{O}(6; \{10^2, 5^5, 2^8\})$	3276000000000000000
10	$\mathcal{O}(6; \{10^2, 5^{10}\})$	3355444000000000000
10	$\mathcal{O}(6; \{10^3, 5^2, 2^{11}\})$	2040000000000000000
10	$\mathcal{O}(6; \{10^3, 5^7, 2^3\})$	2097160000000000000
10	$\mathcal{O}(6; \{10^4, 5^4, 2^6\})$	1310800000000000000
10	$\mathcal{O}(6; \{10^5, 5, 2^9\})$	8200000000000000000
10	$\mathcal{O}(6; \{10^5, 5^6, 2\})$	8388600000000000000
10	$\mathcal{O}(6; \{10^6, 5^3, 2^4\})$	5242800000000000000
10	$\mathcal{O}(6; \{10^7, 2^7\})$	3276000000000000000
10	$\mathcal{O}(6; \{10^8, 5^2, 2^2\})$	2097160000000000000
10	$\mathcal{O}(6; \{10^{10}, 5\})$	8388600000000000000
10	$\mathcal{O}(5; \{5^6, 2^{14}\})$	8200000000000000000
10	$\mathcal{O}(5; \{5^{11}, 2^6\})$	8388600000000000000
10	$\mathcal{O}(5; \{10, 5^3, 2^{17}\})$	5200000000000000000
10	$\mathcal{O}(5; \{10, 5^8, 2^9\})$	5242800000000000000
10	$\mathcal{O}(5; \{10, 5^{13}, 2\})$	5368709200000000000
10	$\mathcal{O}(5; \{10^2, 2^{20}\})$	4000000000000000000
10	$\mathcal{O}(5; \{10^2, 5^5, 2^{12}\})$	3276000000000000000
10	$\mathcal{O}(5; \{10^2, 5^{10}, 2^4\})$	3355444000000000000
10	$\mathcal{O}(5; \{10^3, 5^2, 2^{15}\})$	2040000000000000000

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(5; \{10^3, 5^7, 2^7\})$	2097160000000000
10	$\mathcal{O}(5; \{10^4, 5^4, 2^{10}\})$	1310800000000000
10	$\mathcal{O}(5; \{10^4, 5^9, 2^2\})$	134217720000000000
10	$\mathcal{O}(5; \{10^5, 5, 2^{13}\})$	8200000000000000
10	$\mathcal{O}(5; \{10^5, 5^6, 2^5\})$	8388600000000000
10	$\mathcal{O}(5; \{10^6, 5^3, 2^8\})$	5242800000000000
10	$\mathcal{O}(5; \{10^6, 5^8\})$	536870920000000000
10	$\mathcal{O}(5; \{10^7, 2^{11}\})$	3276000000000000
10	$\mathcal{O}(5; \{10^7, 5^5, 2^3\})$	335544400000000000
10	$\mathcal{O}(5; \{10^8, 5^2, 2^6\})$	209716000000000000
10	$\mathcal{O}(5; \{10^9, 5^4, 2\})$	134217720000000000
10	$\mathcal{O}(5; \{10^{10}, 5, 2^4\})$	838860000000000000
10	$\mathcal{O}(5; \{10^{12}, 2^2\})$	335544400000000000
10	$\mathcal{O}(4; \{5^6, 2^{18}\})$	8200000000000000
10	$\mathcal{O}(4; \{5^{11}, 2^{10}\})$	8388600000000000
10	$\mathcal{O}(4; \{5^{16}, 2^2\})$	858993460000000000
10	$\mathcal{O}(4; \{10, 5^3, 2^{21}\})$	5200000000000000
10	$\mathcal{O}(4; \{10, 5^8, 2^{13}\})$	5242800000000000
10	$\mathcal{O}(4; \{10, 5^{13}, 2^5\})$	536870920000000000
10	$\mathcal{O}(4; \{10^2, 2^{24}\})$	4000000000000000
10	$\mathcal{O}(4; \{10^2, 5^5, 2^{16}\})$	3276000000000000
10	$\mathcal{O}(4; \{10^2, 5^{10}, 2^8\})$	335544400000000000
10	$\mathcal{O}(4; \{10^2, 5^{15}\})$	34359738360000000000
10	$\mathcal{O}(4; \{10^3, 5^2, 2^{19}\})$	2040000000000000
10	$\mathcal{O}(4; \{10^3, 5^7, 2^{11}\})$	209716000000000000
10	$\mathcal{O}(4; \{10^3, 5^{12}, 2^3\})$	21474836400000000000
10	$\mathcal{O}(4; \{10^4, 5^4, 2^{14}\})$	131080000000000000
10	$\mathcal{O}(4; \{10^4, 5^9, 2^6\})$	134217720000000000
10	$\mathcal{O}(4; \{10^5, 5, 2^{17}\})$	8200000000000000
10	$\mathcal{O}(4; \{10^5, 5^6, 2^9\})$	8388600000000000
10	$\mathcal{O}(4; \{10^5, 5^{11}, 2\})$	858993460000000000
10	$\mathcal{O}(4; \{10^6, 5^3, 2^{12}\})$	5242800000000000
10	$\mathcal{O}(4; \{10^6, 5^8, 2^4\})$	536870920000000000
10	$\mathcal{O}(4; \{10^7, 2^{15}\})$	3276000000000000
10	$\mathcal{O}(4; \{10^7, 5^5, 2^7\})$	335544400000000000
10	$\mathcal{O}(4; \{10^8, 5^2, 2^{10}\})$	209716000000000000
10	$\mathcal{O}(4; \{10^8, 5^7, 2^2\})$	21474836400000000000
10	$\mathcal{O}(4; \{10^9, 5^4, 2^5\})$	134217720000000000
10	$\mathcal{O}(4; \{10^{10}, 5, 2^8\})$	838860000000000000
10	$\mathcal{O}(4; \{10^{10}, 5^6\})$	858993460000000000
10	$\mathcal{O}(4; \{10^{11}, 5^3, 2^3\})$	536870920000000000
10	$\mathcal{O}(4; \{10^{12}, 2^6\})$	335544400000000000
10	$\mathcal{O}(4; \{10^{13}, 5^2, 2\})$	21474836400000000000

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(3; \{5^6, 2^{22}\})$	820000000
10	$\mathcal{O}(3; \{5^{11}, 2^{14}\})$	83886000000
10	$\mathcal{O}(3; \{5^{16}, 2^6\})$	85899346000000
10	$\mathcal{O}(3; \{10, 5^3, 2^{25}\})$	52000000
10	$\mathcal{O}(3; \{10, 5^8, 2^{17}\})$	5242800000
10	$\mathcal{O}(3; \{10, 5^{13}, 2^9\})$	5368709200000
10	$\mathcal{O}(3; \{10, 5^{18}, 2\})$	5497558138800000
10	$\mathcal{O}(3; \{10^2, 2^{28}\})$	4000000
10	$\mathcal{O}(3; \{10^2, 5^5, 2^{20}\})$	327600000
10	$\mathcal{O}(3; \{10^2, 5^{10}, 2^{12}\})$	335544400000
10	$\mathcal{O}(3; \{10^2, 5^{15}, 2^4\})$	343597383600000
10	$\mathcal{O}(3; \{10^3, 5^2, 2^{23}\})$	204000000
10	$\mathcal{O}(3; \{10^3, 5^7, 2^{15}\})$	20971600000
10	$\mathcal{O}(3; \{10^3, 5^{12}, 2^7\})$	21474836400000
10	$\mathcal{O}(3; \{10^4, 5^4, 2^{18}\})$	1310800000
10	$\mathcal{O}(3; \{10^4, 5^9, 2^{10}\})$	1342177200000
10	$\mathcal{O}(3; \{10^4, 5^{14}, 2^2\})$	1374389534800000
10	$\mathcal{O}(3; \{10^5, 5, 2^{21}\})$	820000000
10	$\mathcal{O}(3; \{10^5, 5^6, 2^{13}\})$	83886000000
10	$\mathcal{O}(3; \{10^5, 5^{11}, 2^5\})$	85899346000000
10	$\mathcal{O}(3; \{10^6, 5^3, 2^{16}\})$	5242800000
10	$\mathcal{O}(3; \{10^6, 5^8, 2^8\})$	5368709200000
10	$\mathcal{O}(3; \{10^6, 5^{13}\})$	5497558138800000
10	$\mathcal{O}(3; \{10^7, 2^{19}\})$	327600000
10	$\mathcal{O}(3; \{10^7, 5^5, 2^{11}\})$	335544400000
10	$\mathcal{O}(3; \{10^7, 5^{10}, 2^3\})$	343597383600000
10	$\mathcal{O}(3; \{10^8, 5^2, 2^{14}\})$	20971600000
10	$\mathcal{O}(3; \{10^8, 5^7, 2^6\})$	21474836400000
10	$\mathcal{O}(3; \{10^9, 5^4, 2^9\})$	1342177200000
10	$\mathcal{O}(3; \{10^9, 5^9, 2\})$	1374389534800000
10	$\mathcal{O}(3; \{10^{10}, 5, 2^{12}\})$	83886000000
10	$\mathcal{O}(3; \{10^{10}, 5^6, 2^4\})$	85899346000000
10	$\mathcal{O}(3; \{10^{11}, 5^3, 2^7\})$	5368709200000
10	$\mathcal{O}(3; \{10^{12}, 2^{10}\})$	335544400000
10	$\mathcal{O}(3; \{10^{12}, 5^5, 2^2\})$	343597383600000
10	$\mathcal{O}(3; \{10^{13}, 5^2, 2^5\})$	21474836400000
10	$\mathcal{O}(3; \{10^{14}, 5^4\})$	1374389534800000
10	$\mathcal{O}(3; \{10^{15}, 5, 2^3\})$	85899346000000
10	$\mathcal{O}(3; \{10^{17}, 2\})$	343597383600000
10	$\mathcal{O}(2; \{5^6, 2^{26}\})$	820000
10	$\mathcal{O}(2; \{5^{11}, 2^{18}\})$	838860000
10	$\mathcal{O}(2; \{5^{16}, 2^{10}\})$	858993460000
10	$\mathcal{O}(2; \{5^{21}, 2^2\})$	879609302220000

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(2; \{10, 5^3, 2^{29}\})$	520000
10	$\mathcal{O}(2; \{10, 5^8, 2^{21}\})$	524280000
10	$\mathcal{O}(2; \{10, 5^{13}, 2^{13}\})$	536870920000
10	$\mathcal{O}(2; \{10, 5^{18}, 2^5\})$	549755813880000
10	$\mathcal{O}(2; \{10^2, 2^{32}\})$	40000
10	$\mathcal{O}(2; \{10^2, 5^5, 2^{24}\})$	32760000
10	$\mathcal{O}(2; \{10^2, 5^{10}, 2^{16}\})$	33554440000
10	$\mathcal{O}(2; \{10^2, 5^{15}, 2^8\})$	34359738360000
10	$\mathcal{O}(2; \{10^2, 5^{20}\})$	35184372088840000
10	$\mathcal{O}(2; \{10^3, 5^2, 2^{27}\})$	2040000
10	$\mathcal{O}(2; \{10^3, 5^7, 2^{19}\})$	2097160000
10	$\mathcal{O}(2; \{10^3, 5^{12}, 2^{11}\})$	2147483640000
10	$\mathcal{O}(2; \{10^3, 5^{17}, 2^3\})$	2199023255560000
10	$\mathcal{O}(2; \{10^4, 5^4, 2^{22}\})$	131080000
10	$\mathcal{O}(2; \{10^4, 5^9, 2^{14}\})$	134217720000
10	$\mathcal{O}(2; \{10^4, 5^{14}, 2^6\})$	137438953480000
10	$\mathcal{O}(2; \{10^5, 5, 2^{25}\})$	8200000
10	$\mathcal{O}(2; \{10^5, 5^6, 2^{17}\})$	8388600000
10	$\mathcal{O}(2; \{10^5, 5^{11}, 2^9\})$	8589934600000
10	$\mathcal{O}(2; \{10^5, 5^{16}, 2\})$	8796093022200000
10	$\mathcal{O}(2; \{10^6, 5^3, 2^{20}\})$	524280000
10	$\mathcal{O}(2; \{10^6, 5^8, 2^{12}\})$	536870920000
10	$\mathcal{O}(2; \{10^6, 5^{13}, 2^4\})$	549755813880000
10	$\mathcal{O}(2; \{10^7, 2^{23}\})$	32760000
10	$\mathcal{O}(2; \{10^7, 5^5, 2^{15}\})$	33554440000
10	$\mathcal{O}(2; \{10^7, 5^{10}, 2^7\})$	34359738360000
10	$\mathcal{O}(2; \{10^8, 5^2, 2^{18}\})$	2097160000
10	$\mathcal{O}(2; \{10^8, 5^7, 2^{10}\})$	2147483640000
10	$\mathcal{O}(2; \{10^8, 5^{12}, 2^2\})$	2199023255560000
10	$\mathcal{O}(2; \{10^9, 5^4, 2^{13}\})$	134217720000
10	$\mathcal{O}(2; \{10^9, 5^9, 2^5\})$	137438953480000
10	$\mathcal{O}(2; \{10^{10}, 5, 2^{16}\})$	8388600000
10	$\mathcal{O}(2; \{10^{10}, 5^6, 2^8\})$	8589934600000
10	$\mathcal{O}(2; \{10^{10}, 5^{11}\})$	8796093022200000
10	$\mathcal{O}(2; \{10^{11}, 5^3, 2^{11}\})$	536870920000
10	$\mathcal{O}(2; \{10^{11}, 5^8, 2^3\})$	549755813880000
10	$\mathcal{O}(2; \{10^{12}, 2^{14}\})$	33554440000
10	$\mathcal{O}(2; \{10^{12}, 5^5, 2^6\})$	34359738360000
10	$\mathcal{O}(2; \{10^{13}, 5^2, 2^9\})$	2147483640000
10	$\mathcal{O}(2; \{10^{13}, 5^7, 2\})$	2199023255560000
10	$\mathcal{O}(2; \{10^{14}, 5^4, 2^4\})$	137438953480000
10	$\mathcal{O}(2; \{10^{15}, 5, 2^7\})$	8589934600000
10	$\mathcal{O}(2; \{10^{16}, 5^3, 2^2\})$	549755813880000

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(2; \{10^{17}, 2^5\})$	34359738360000
10	$\mathcal{O}(2; \{10^{18}, 5^2\})$	2199023255560000
10	$\mathcal{O}(1; \{5^6, 2^{30}\})$	82000
10	$\mathcal{O}(1; \{5^{11}, 2^{22}\})$	83886000
10	$\mathcal{O}(1; \{5^{16}, 2^{14}\})$	85899346000
10	$\mathcal{O}(1; \{5^{21}, 2^6\})$	87960930222000
10	$\mathcal{O}(1; \{10, 5^3, 2^{33}\})$	5200
10	$\mathcal{O}(1; \{10, 5^8, 2^{25}\})$	5242800
10	$\mathcal{O}(1; \{10, 5^{13}, 2^{17}\})$	5368709200
10	$\mathcal{O}(1; \{10, 5^{18}, 2^9\})$	5497558138800
10	$\mathcal{O}(1; \{10, 5^{23}, 2\})$	5629499534213200
10	$\mathcal{O}(1; \{10^2, 2^{36}\})$	400
10	$\mathcal{O}(1; \{10^2, 5^5, 2^{28}\})$	327600
10	$\mathcal{O}(1; \{10^2, 5^{10}, 2^{20}\})$	335544400
10	$\mathcal{O}(1; \{10^2, 5^{15}, 2^{12}\})$	343597383600
10	$\mathcal{O}(1; \{10^2, 5^{20}, 2^4\})$	351843720888400
10	$\mathcal{O}(1; \{10^3, 5^2, 2^{31}\})$	20400
10	$\mathcal{O}(1; \{10^3, 5^7, 2^{23}\})$	20971600
10	$\mathcal{O}(1; \{10^3, 5^{12}, 2^{15}\})$	21474836400
10	$\mathcal{O}(1; \{10^3, 5^{17}, 2^7\})$	21990232555600
10	$\mathcal{O}(1; \{10^4, 5^4, 2^{26}\})$	1310800
10	$\mathcal{O}(1; \{10^4, 5^9, 2^{18}\})$	1342177200
10	$\mathcal{O}(1; \{10^4, 5^{14}, 2^{10}\})$	1374389534800
10	$\mathcal{O}(1; \{10^4, 5^{19}, 2^2\})$	1407374883553200
10	$\mathcal{O}(1; \{10^5, 5, 2^{29}\})$	82000
10	$\mathcal{O}(1; \{10^5, 5^6, 2^{21}\})$	83886000
10	$\mathcal{O}(1; \{10^5, 5^{11}, 2^{13}\})$	85899346000
10	$\mathcal{O}(1; \{10^5, 5^{16}, 2^5\})$	87960930222000
10	$\mathcal{O}(1; \{10^6, 5^3, 2^{24}\})$	5242800
10	$\mathcal{O}(1; \{10^6, 5^8, 2^{16}\})$	5368709200
10	$\mathcal{O}(1; \{10^6, 5^{13}, 2^8\})$	5497558138800
10	$\mathcal{O}(1; \{10^6, 5^{18}\})$	5629499534213200
10	$\mathcal{O}(1; \{10^7, 2^{27}\})$	327600
10	$\mathcal{O}(1; \{10^7, 5^5, 2^{19}\})$	335544400
10	$\mathcal{O}(1; \{10^7, 5^{10}, 2^{11}\})$	343597383600
10	$\mathcal{O}(1; \{10^7, 5^{15}, 2^3\})$	351843720888400
10	$\mathcal{O}(1; \{10^8, 5^2, 2^{22}\})$	20971600
10	$\mathcal{O}(1; \{10^8, 5^7, 2^{14}\})$	21474836400
10	$\mathcal{O}(1; \{10^8, 5^{12}, 2^6\})$	21990232555600
10	$\mathcal{O}(1; \{10^9, 5^4, 2^{17}\})$	1342177200
10	$\mathcal{O}(1; \{10^9, 5^9, 2^9\})$	1374389534800
10	$\mathcal{O}(1; \{10^9, 5^{14}, 2\})$	1407374883553200
10	$\mathcal{O}(1; \{10^{10}, 5, 2^{20}\})$	83886000

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(1; \{10^{10}, 5^6, 2^{12}\})$	85899346000
10	$\mathcal{O}(1; \{10^{10}, 5^{11}, 2^4\})$	87960930222000
10	$\mathcal{O}(1; \{10^{11}, 5^3, 2^{15}\})$	5368709200
10	$\mathcal{O}(1; \{10^{11}, 5^8, 2^7\})$	5497558138800
10	$\mathcal{O}(1; \{10^{12}, 2^{18}\})$	335544400
10	$\mathcal{O}(1; \{10^{12}, 5^5, 2^{10}\})$	343597383600
10	$\mathcal{O}(1; \{10^{12}, 5^{10}, 2^2\})$	351843720888400
10	$\mathcal{O}(1; \{10^{13}, 5^2, 2^{13}\})$	21474836400
10	$\mathcal{O}(1; \{10^{13}, 5^7, 2^5\})$	21990232555600
10	$\mathcal{O}(1; \{10^{14}, 5^4, 2^8\})$	1374389534800
10	$\mathcal{O}(1; \{10^{14}, 5^9\})$	1407374883553200
10	$\mathcal{O}(1; \{10^{15}, 5, 2^{11}\})$	85899346000
10	$\mathcal{O}(1; \{10^{15}, 5^6, 2^3\})$	87960930222000
10	$\mathcal{O}(1; \{10^{16}, 5^3, 2^6\})$	5497558138800
10	$\mathcal{O}(1; \{10^{17}, 2^9\})$	343597383600
10	$\mathcal{O}(1; \{10^{17}, 5^5, 2\})$	351843720888400
10	$\mathcal{O}(1; \{10^{18}, 5^2, 2^4\})$	21990232555600
10	$\mathcal{O}(1; \{10^{20}, 5, 2^2\})$	87960930222000
10	$\mathcal{O}(1; \{10^{22}\})$	351843720888400
10	$\mathcal{O}(0; \{5^6, 2^{34}\})$	820
10	$\mathcal{O}(0; \{5^{11}, 2^{26}\})$	838860
10	$\mathcal{O}(0; \{5^{16}, 2^{18}\})$	858993460
10	$\mathcal{O}(0; \{5^{21}, 2^{10}\})$	879609302220
10	$\mathcal{O}(0; \{5^{26}, 2^2\})$	900719925474100
10	$\mathcal{O}(0; \{10, 5^3, 2^{37}\})$	52
10	$\mathcal{O}(0; \{10, 5^8, 2^{29}\})$	52428
10	$\mathcal{O}(0; \{10, 5^{13}, 2^{21}\})$	53687092
10	$\mathcal{O}(0; \{10, 5^{18}, 2^{13}\})$	54975581388
10	$\mathcal{O}(0; \{10, 5^{23}, 2^5\})$	56294995342132
10	$\mathcal{O}(0; \{10^2, 2^{40}\})$	4
10	$\mathcal{O}(0; \{10^2, 5^5, 2^{32}\})$	3276
10	$\mathcal{O}(0; \{10^2, 5^{10}, 2^{24}\})$	3355444
10	$\mathcal{O}(0; \{10^2, 5^{15}, 2^{16}\})$	3435973836
10	$\mathcal{O}(0; \{10^2, 5^{20}, 2^8\})$	3518437208884
10	$\mathcal{O}(0; \{10^2, 5^{25}\})$	3602879701896396
10	$\mathcal{O}(0; \{10^3, 5^2, 2^{35}\})$	204
10	$\mathcal{O}(0; \{10^3, 5^7, 2^{27}\})$	209716
10	$\mathcal{O}(0; \{10^3, 5^{12}, 2^{19}\})$	214748364
10	$\mathcal{O}(0; \{10^3, 5^{17}, 2^{11}\})$	219902325556
10	$\mathcal{O}(0; \{10^3, 5^{22}, 2^3\})$	225179981368524
10	$\mathcal{O}(0; \{10^4, 5^4, 2^{30}\})$	13108
10	$\mathcal{O}(0; \{10^4, 5^9, 2^{22}\})$	13421772
10	$\mathcal{O}(0; \{10^4, 5^{14}, 2^{14}\})$	13743895348

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(0; \{10^4, 5^{19}, 2^6\})$	14073748835532
10	$\mathcal{O}(0; \{10^5, 5, 2^{33}\})$	820
10	$\mathcal{O}(0; \{10^5, 5^6, 2^{25}\})$	838860
10	$\mathcal{O}(0; \{10^5, 5^{11}, 2^{17}\})$	858993460
10	$\mathcal{O}(0; \{10^5, 5^{16}, 2^9\})$	879609302220
10	$\mathcal{O}(0; \{10^5, 5^{21}, 2\})$	900719925474100
10	$\mathcal{O}(0; \{10^6, 5^3, 2^{28}\})$	52428
10	$\mathcal{O}(0; \{10^6, 5^8, 2^{20}\})$	53687092
10	$\mathcal{O}(0; \{10^6, 5^{13}, 2^{12}\})$	54975581388
10	$\mathcal{O}(0; \{10^6, 5^{18}, 2^4\})$	56294995342132
10	$\mathcal{O}(0; \{10^7, 2^{31}\})$	3276
10	$\mathcal{O}(0; \{10^7, 5^5, 2^{23}\})$	3355444
10	$\mathcal{O}(0; \{10^7, 5^{10}, 2^{15}\})$	3435973836
10	$\mathcal{O}(0; \{10^7, 5^{15}, 2^7\})$	3518437208884
10	$\mathcal{O}(0; \{10^8, 5^2, 2^{26}\})$	209716
10	$\mathcal{O}(0; \{10^8, 5^7, 2^{18}\})$	214748364
10	$\mathcal{O}(0; \{10^8, 5^{12}, 2^{10}\})$	219902325556
10	$\mathcal{O}(0; \{10^8, 5^{17}, 2^2\})$	225179981368524
10	$\mathcal{O}(0; \{10^9, 5^4, 2^{21}\})$	13421772
10	$\mathcal{O}(0; \{10^9, 5^9, 2^{13}\})$	13743895348
10	$\mathcal{O}(0; \{10^9, 5^{14}, 2^5\})$	14073748835532
10	$\mathcal{O}(0; \{10^{10}, 5, 2^{24}\})$	838860
10	$\mathcal{O}(0; \{10^{10}, 5^6, 2^{16}\})$	858993460
10	$\mathcal{O}(0; \{10^{10}, 5^{11}, 2^8\})$	879609302220
10	$\mathcal{O}(0; \{10^{10}, 5^{16}\})$	900719925474100
10	$\mathcal{O}(0; \{10^{11}, 5^3, 2^{19}\})$	53687092
10	$\mathcal{O}(0; \{10^{11}, 5^8, 2^{11}\})$	54975581388
10	$\mathcal{O}(0; \{10^{11}, 5^{13}, 2^3\})$	56294995342132
10	$\mathcal{O}(0; \{10^{12}, 2^{22}\})$	3355444
10	$\mathcal{O}(0; \{10^{12}, 5^5, 2^{14}\})$	3435973836
10	$\mathcal{O}(0; \{10^{12}, 5^{10}, 2^6\})$	3518437208884
10	$\mathcal{O}(0; \{10^{13}, 5^2, 2^{17}\})$	214748364
10	$\mathcal{O}(0; \{10^{13}, 5^7, 2^9\})$	219902325556
10	$\mathcal{O}(0; \{10^{13}, 5^{12}, 2\})$	225179981368524
10	$\mathcal{O}(0; \{10^{14}, 5^4, 2^{12}\})$	13743895348
10	$\mathcal{O}(0; \{10^{14}, 5^9, 2^4\})$	14073748835532
10	$\mathcal{O}(0; \{10^{15}, 5, 2^{15}\})$	858993460
10	$\mathcal{O}(0; \{10^{15}, 5^6, 2^7\})$	879609302220
10	$\mathcal{O}(0; \{10^{16}, 5^3, 2^{10}\})$	54975581388
10	$\mathcal{O}(0; \{10^{16}, 5^8, 2^2\})$	56294995342132
10	$\mathcal{O}(0; \{10^{17}, 2^{13}\})$	3435973836
10	$\mathcal{O}(0; \{10^{17}, 5^5, 2^5\})$	3518437208884
10	$\mathcal{O}(0; \{10^{18}, 5^2, 2^8\})$	219902325556

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(0; \{10^{18}, 5^7\})$	225179981368524
10	$\mathcal{O}(0; \{10^{19}, 5^4, 2^3\})$	14073748835532
10	$\mathcal{O}(0; \{10^{20}, 5, 2^6\})$	879609302220
10	$\mathcal{O}(0; \{10^{21}, 5^3, 2\})$	56294995342132
10	$\mathcal{O}(0; \{10^{22}, 2^4\})$	3518437208884
11	$\mathcal{O}(10; \emptyset)$	672749994932560009200
11	$\mathcal{O}(5; \{11^{11}\})$	235794769076420523090
11	$\mathcal{O}(0; \{11^{22}\})$	909090909090909090910
12	$\mathcal{O}(8; \{4^2, 2^2\})$	369768509200138240
12	$\mathcal{O}(8; \{12, 6, 4\})$	739537035580145664
12	$\mathcal{O}(8; \{12^2, 3\})$	739537035580145664
12	$\mathcal{O}(7; \{4^2, 2^6\})$	2567836392226816
12	$\mathcal{O}(7; \{4^2, 3^3, 2^2\})$	5135673858195456
12	$\mathcal{O}(7; \{4^4, 2^3\})$	10271345568907264
12	$\mathcal{O}(7; \{4^6\})$	41085382275629056
12	$\mathcal{O}(7; \{6, 4^2, 3, 2^3\})$	5135673858195456
12	$\mathcal{O}(7; \{6, 4^4, 3\})$	20542695432781824
12	$\mathcal{O}(7; \{6^2, 4^2, 3^2\})$	15407021574586368
12	$\mathcal{O}(7; \{6^3, 4^2, 2\})$	5135673858195456
12	$\mathcal{O}(7; \{12, 4, 3^2, 2^3\})$	5135673858195456
12	$\mathcal{O}(7; \{12, 4^3, 3^2\})$	20542695432781824
12	$\mathcal{O}(7; \{12, 6, 4, 2^4\})$	5135673858195456
12	$\mathcal{O}(7; \{12, 6, 4, 3^3\})$	25678369290977280
12	$\mathcal{O}(7; \{12, 6, 4^3, 2\})$	20542695432781824
12	$\mathcal{O}(7; \{12, 6^2, 4, 3, 2\})$	15407021574586368
12	$\mathcal{O}(7; \{12^2, 3, 2^4\})$	5135673858195456
12	$\mathcal{O}(7; \{12^2, 3^4\})$	56492412440150016
12	$\mathcal{O}(7; \{12^2, 4^2, 3, 2\})$	20542695432781824
12	$\mathcal{O}(7; \{12^2, 6, 3^2, 2\})$	25678369290977280
12	$\mathcal{O}(7; \{12^2, 6^2, 2^2\})$	15407021574586368
12	$\mathcal{O}(7; \{12^3, 4, 2^2\})$	20542695432781824
12	$\mathcal{O}(7; \{12^4, 6\})$	102713477163909120
12	$\mathcal{O}(6; \{4^2, 2^{10}\})$	17832167342080
12	$\mathcal{O}(6; \{4^2, 3^3, 2^6\})$	35664401793024
12	$\mathcal{O}(6; \{4^2, 3^6, 2^2\})$	392308419723264
12	$\mathcal{O}(6; \{4^4, 2^7\})$	71328669368320
12	$\mathcal{O}(6; \{4^4, 3^3, 2^3\})$	142657607172096
12	$\mathcal{O}(6; \{4^6, 2^4\})$	285314677473280
12	$\mathcal{O}(6; \{4^6, 3^3\})$	570630428688384
12	$\mathcal{O}(6; \{4^8, 2\})$	1141258709893120
12	$\mathcal{O}(6; \{6, 4^2, 3, 2^7\})$	35664401793024
12	$\mathcal{O}(6; \{6, 4^2, 3^4, 2^3\})$	178322008965120
12	$\mathcal{O}(6; \{6, 4^4, 3, 2^4\})$	142657607172096

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(6; \{6, 4^4, 3^4\})$	713288035860480
12	$\mathcal{O}(6; \{6, 4^6, 3, 2\})$	570630428688384
12	$\mathcal{O}(6; \{6^2, 4^2, 3^2, 2^4\})$	106993205379072
12	$\mathcal{O}(6; \{6^2, 4^2, 3^5\})$	748952437653504
12	$\mathcal{O}(6; \{6^2, 4^4, 3^2, 2\})$	427972821516288
12	$\mathcal{O}(6; \{6^3, 4^2, 2^5\})$	35664401793024
12	$\mathcal{O}(6; \{6^3, 4^2, 3^3, 2\})$	392308419723264
12	$\mathcal{O}(6; \{6^3, 4^4, 2^2\})$	142657607172096
12	$\mathcal{O}(6; \{6^4, 4^2, 3, 2^2\})$	178322008965120
12	$\mathcal{O}(6; \{6^6, 4^2\})$	392308419723264
12	$\mathcal{O}(6; \{12, 4, 3^2, 2^7\})$	35664401793024
12	$\mathcal{O}(6; \{12, 4, 3^5, 2^3\})$	392308419723264
12	$\mathcal{O}(6; \{12, 4^3, 3^2, 2^4\})$	142657607172096
12	$\mathcal{O}(6; \{12, 4^3, 3^5\})$	1569233678893056
12	$\mathcal{O}(6; \{12, 4^5, 3^2, 2\})$	570630428688384
12	$\mathcal{O}(6; \{12, 6, 4, 2^8\})$	35664401793024
12	$\mathcal{O}(6; \{12, 6, 4, 3^3, 2^4\})$	178322008965120
12	$\mathcal{O}(6; \{12, 6, 4, 3^6\})$	1533569277100032
12	$\mathcal{O}(6; \{12, 6, 4^3, 2^5\})$	142657607172096
12	$\mathcal{O}(6; \{12, 6, 4^3, 3^3, 2\})$	713288035860480
12	$\mathcal{O}(6; \{12, 6, 4^5, 2^2\})$	570630428688384
12	$\mathcal{O}(6; \{12, 6^2, 4, 3, 2^5\})$	106993205379072
12	$\mathcal{O}(6; \{12, 6^2, 4, 3^4, 2\})$	748952437653504
12	$\mathcal{O}(6; \{12, 6^2, 4^3, 3, 2^2\})$	427972821516288
12	$\mathcal{O}(6; \{12, 6^3, 4, 3^2, 2^2\})$	392308419723264
12	$\mathcal{O}(6; \{12, 6^4, 4, 2^3\})$	178322008965120
12	$\mathcal{O}(6; \{12, 6^4, 4^3\})$	713288035860480
12	$\mathcal{O}(6; \{12, 6^5, 4, 3\})$	748952437653504
12	$\mathcal{O}(6; \{12^2, 3, 2^8\})$	35664401793024
12	$\mathcal{O}(6; \{12^2, 3^4, 2^4\})$	392308419723264
12	$\mathcal{O}(6; \{12^2, 3^7\})$	3031474152407040
12	$\mathcal{O}(6; \{12^2, 4^2, 3, 2^5\})$	142657607172096
12	$\mathcal{O}(6; \{12^2, 4^2, 3^4, 2\})$	1569233678893056
12	$\mathcal{O}(6; \{12^2, 4^4, 3, 2^2\})$	570630428688384
12	$\mathcal{O}(6; \{12^2, 6, 3^2, 2^5\})$	178322008965120
12	$\mathcal{O}(6; \{12^2, 6, 3^5, 2\})$	1533569277100032
12	$\mathcal{O}(6; \{12^2, 6, 4^2, 3^2, 2^2\})$	713288035860480
12	$\mathcal{O}(6; \{12^2, 6^2, 2^6\})$	106993205379072
12	$\mathcal{O}(6; \{12^2, 6^2, 3^3, 2^2\})$	748952437653504
12	$\mathcal{O}(6; \{12^2, 6^2, 4^2, 2^3\})$	427972821516288
12	$\mathcal{O}(6; \{12^2, 6^2, 4^4\})$	1711891286065152
12	$\mathcal{O}(6; \{12^2, 6^3, 3, 2^3\})$	392308419723264
12	$\mathcal{O}(6; \{12^2, 6^3, 4^2, 3\})$	1569233678893056

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(6; \{12^2, 6^4, 3^2\})$	1533569277100032
12	$\mathcal{O}(6; \{12^2, 6^5, 2\})$	748952437653504
12	$\mathcal{O}(6; \{12^3, 4, 2^6\})$	142657607172096
12	$\mathcal{O}(6; \{12^3, 4, 3^3, 2^2\})$	1569233678893056
12	$\mathcal{O}(6; \{12^3, 4^3, 2^3\})$	570630428688384
12	$\mathcal{O}(6; \{12^3, 4^5\})$	2282521714753536
12	$\mathcal{O}(6; \{12^3, 6, 4, 3, 2^3\})$	713288035860480
12	$\mathcal{O}(6; \{12^3, 6, 4^3, 3\})$	2853152143441920
12	$\mathcal{O}(6; \{12^3, 6^2, 4, 3^2\})$	2995809750614016
12	$\mathcal{O}(6; \{12^3, 6^3, 4, 2\})$	1569233678893056
12	$\mathcal{O}(6; \{12^4, 3^2, 2^3\})$	1569233678893056
12	$\mathcal{O}(6; \{12^4, 4^2, 3^2\})$	6276934715572224
12	$\mathcal{O}(6; \{12^4, 6, 2^4\})$	713288035860480
12	$\mathcal{O}(6; \{12^4, 6, 3^3\})$	6134277108400128
12	$\mathcal{O}(6; \{12^4, 6, 4^2, 2\})$	2853152143441920
12	$\mathcal{O}(6; \{12^4, 6^2, 3, 2\})$	2995809750614016
12	$\mathcal{O}(6; \{12^5, 4, 3, 2\})$	6276934715572224
12	$\mathcal{O}(6; \{12^6, 2^2\})$	6276934715572224
12	$\mathcal{O}(5; \{4^2, 2^{14}\})$	123832631296
12	$\mathcal{O}(5; \{4^2, 3^3, 2^{10}\})$	247669456896
12	$\mathcal{O}(5; \{4^2, 3^6, 2^6\})$	2724364025856
12	$\mathcal{O}(5; \{4^2, 3^9, 2^2\})$	21051903836160
12	$\mathcal{O}(5; \{4^4, 2^{11}\})$	495330525184
12	$\mathcal{O}(5; \{4^4, 3^3, 2^7\})$	990677827584
12	$\mathcal{O}(5; \{4^4, 3^6, 2^3\})$	10897456103424
12	$\mathcal{O}(5; \{4^6, 2^8\})$	1981322100736
12	$\mathcal{O}(5; \{4^6, 3^3, 2^4\})$	3962711310336
12	$\mathcal{O}(5; \{4^6, 3^6\})$	43589824413696
12	$\mathcal{O}(5; \{4^8, 2^5\})$	7925288402944
12	$\mathcal{O}(5; \{4^8, 3^3, 2\})$	15850845241344
12	$\mathcal{O}(5; \{4^{10}, 2^2\})$	31701153611776
12	$\mathcal{O}(5; \{6, 4^2, 3, 2^{11}\})$	247669456896
12	$\mathcal{O}(5; \{6, 4^2, 3^4, 2^7\})$	1238347284480
12	$\mathcal{O}(5; \{6, 4^2, 3^7, 2^3\})$	10649786646528
12	$\mathcal{O}(5; \{6, 4^4, 3, 2^8\})$	990677827584
12	$\mathcal{O}(5; \{6, 4^4, 3^4, 2^4\})$	4953389137920
12	$\mathcal{O}(5; \{6, 4^4, 3^7\})$	42599146586112
12	$\mathcal{O}(5; \{6, 4^6, 3, 2^5\})$	3962711310336
12	$\mathcal{O}(5; \{6, 4^6, 3^4, 2\})$	19813556551680
12	$\mathcal{O}(5; \{6, 4^8, 3, 2^2\})$	15850845241344
12	$\mathcal{O}(5; \{6^2, 4^2, 3^2, 2^8\})$	743008370688
12	$\mathcal{O}(5; \{6^2, 4^2, 3^5, 2^4\})$	5201058594816
12	$\mathcal{O}(5; \{6^2, 4^2, 3^8\})$	42351477129216

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{6^2, 4^4, 3^2, 2^5\})$	2972033482752
12	$\mathcal{O}(5; \{6^2, 4^4, 3^5, 2\})$	20804234379264
12	$\mathcal{O}(5; \{6^2, 4^6, 3^2, 2^2\})$	11888133931008
12	$\mathcal{O}(5; \{6^3, 4^2, 2^9\})$	247669456896
12	$\mathcal{O}(5; \{6^3, 4^2, 3^3, 2^5\})$	2724364025856
12	$\mathcal{O}(5; \{6^3, 4^2, 3^6, 2\})$	21051903836160
12	$\mathcal{O}(5; \{6^3, 4^4, 2^6\})$	990677827584
12	$\mathcal{O}(5; \{6^3, 4^4, 3^3, 2^2\})$	10897456103424
12	$\mathcal{O}(5; \{6^3, 4^6, 2^3\})$	3962711310336
12	$\mathcal{O}(5; \{6^3, 4^8\})$	15850845241344
12	$\mathcal{O}(5; \{6^4, 4^2, 3, 2^6\})$	1238347284480
12	$\mathcal{O}(5; \{6^4, 4^2, 3^4, 2^2\})$	10649786646528
12	$\mathcal{O}(5; \{6^4, 4^4, 3, 2^3\})$	4953389137920
12	$\mathcal{O}(5; \{6^4, 4^6, 3\})$	19813556551680
12	$\mathcal{O}(5; \{6^5, 4^2, 3^2, 2^3\})$	5201058594816
12	$\mathcal{O}(5; \{6^5, 4^4, 3^2\})$	20804234379264
12	$\mathcal{O}(5; \{6^6, 4^2, 2^4\})$	2724364025856
12	$\mathcal{O}(5; \{6^6, 4^2, 3^3\})$	21051903836160
12	$\mathcal{O}(5; \{6^6, 4^4, 2\})$	10897456103424
12	$\mathcal{O}(5; \{6^7, 4^2, 3, 2\})$	10649786646528
12	$\mathcal{O}(5; \{12, 4, 3^2, 2^{11}\})$	247669456896
12	$\mathcal{O}(5; \{12, 4, 3^5, 2^7\})$	2724364025856
12	$\mathcal{O}(5; \{12, 4, 3^8, 2^3\})$	21051903836160
12	$\mathcal{O}(5; \{12, 4^3, 3^2, 2^8\})$	990677827584
12	$\mathcal{O}(5; \{12, 4^3, 3^5, 2^4\})$	10897456103424
12	$\mathcal{O}(5; \{12, 4^3, 3^8\})$	84207615344640
12	$\mathcal{O}(5; \{12, 4^5, 3^2, 2^5\})$	3962711310336
12	$\mathcal{O}(5; \{12, 4^5, 3^5, 2\})$	43589824413696
12	$\mathcal{O}(5; \{12, 4^7, 3^2, 2^2\})$	15850845241344
12	$\mathcal{O}(5; \{12, 6, 4, 2^{12}\})$	247669456896
12	$\mathcal{O}(5; \{12, 6, 4, 3^3, 2^8\})$	1238347284480
12	$\mathcal{O}(5; \{12, 6, 4, 3^6, 2^4\})$	10649786646528
12	$\mathcal{O}(5; \{12, 6, 4, 3^9\})$	84455284801536
12	$\mathcal{O}(5; \{12, 6, 4^3, 2^9\})$	990677827584
12	$\mathcal{O}(5; \{12, 6, 4^3, 3^3, 2^5\})$	4953389137920
12	$\mathcal{O}(5; \{12, 6, 4^3, 3^6, 2\})$	42599146586112
12	$\mathcal{O}(5; \{12, 6, 4^5, 2^6\})$	3962711310336
12	$\mathcal{O}(5; \{12, 6, 4^5, 3^3, 2^2\})$	19813556551680
12	$\mathcal{O}(5; \{12, 6, 4^7, 2^3\})$	15850845241344
12	$\mathcal{O}(5; \{12, 6, 4^9\})$	63403380965376
12	$\mathcal{O}(5; \{12, 6^2, 4, 3, 2^9\})$	743008370688
12	$\mathcal{O}(5; \{12, 6^2, 4, 3^4, 2^5\})$	5201058594816
12	$\mathcal{O}(5; \{12, 6^2, 4, 3^7, 2\})$	42351477129216

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{12, 6^2, 4^3, 3, 2^6\})$	2972033482752
12	$\mathcal{O}(5; \{12, 6^2, 4^3, 3^4, 2^2\})$	20804234379264
12	$\mathcal{O}(5; \{12, 6^2, 4^5, 3, 2^3\})$	11888133931008
12	$\mathcal{O}(5; \{12, 6^2, 4^7, 3\})$	47552535724032
12	$\mathcal{O}(5; \{12, 6^3, 4, 3^2, 2^6\})$	2724364025856
12	$\mathcal{O}(5; \{12, 6^3, 4, 3^5, 2^2\})$	21051903836160
12	$\mathcal{O}(5; \{12, 6^3, 4^3, 3^2, 2^3\})$	10897456103424
12	$\mathcal{O}(5; \{12, 6^3, 4^5, 3^2\})$	43589824413696
12	$\mathcal{O}(5; \{12, 6^4, 4, 2^7\})$	1238347284480
12	$\mathcal{O}(5; \{12, 6^4, 4, 3^3, 2^3\})$	10649786646528
12	$\mathcal{O}(5; \{12, 6^4, 4^3, 2^4\})$	4953389137920
12	$\mathcal{O}(5; \{12, 6^4, 4^3, 3^3\})$	42599146586112
12	$\mathcal{O}(5; \{12, 6^4, 4^5, 2\})$	19813556551680
12	$\mathcal{O}(5; \{12, 6^5, 4, 3, 2^4\})$	5201058594816
12	$\mathcal{O}(5; \{12, 6^5, 4, 3^4\})$	42351477129216
12	$\mathcal{O}(5; \{12, 6^5, 4^3, 3, 2\})$	20804234379264
12	$\mathcal{O}(5; \{12, 6^6, 4, 3^2, 2\})$	21051903836160
12	$\mathcal{O}(5; \{12, 6^7, 4, 2^2\})$	10649786646528
12	$\mathcal{O}(5; \{12^2, 3, 2^{12}\})$	247669456896
12	$\mathcal{O}(5; \{12^2, 3^4, 2^8\})$	2724364025856
12	$\mathcal{O}(5; \{12^2, 3^7, 2^4\})$	21051903836160
12	$\mathcal{O}(5; \{12^2, 3^{10}\})$	169158239059968
12	$\mathcal{O}(5; \{12^2, 4^2, 3, 2^9\})$	990677827584
12	$\mathcal{O}(5; \{12^2, 4^2, 3^4, 2^5\})$	10897456103424
12	$\mathcal{O}(5; \{12^2, 4^2, 3^7, 2\})$	84207615344640
12	$\mathcal{O}(5; \{12^2, 4^4, 3, 2^6\})$	3962711310336
12	$\mathcal{O}(5; \{12^2, 4^4, 3^4, 2^2\})$	43589824413696
12	$\mathcal{O}(5; \{12^2, 4^6, 3, 2^3\})$	15850845241344
12	$\mathcal{O}(5; \{12^2, 4^8, 3\})$	63403380965376
12	$\mathcal{O}(5; \{12^2, 6, 3^2, 2^9\})$	1238347284480
12	$\mathcal{O}(5; \{12^2, 6, 3^5, 2^5\})$	10649786646528
12	$\mathcal{O}(5; \{12^2, 6, 3^8, 2\})$	84455284801536
12	$\mathcal{O}(5; \{12^2, 6, 4^2, 3^2, 2^6\})$	4953389137920
12	$\mathcal{O}(5; \{12^2, 6, 4^2, 3^5, 2^2\})$	42599146586112
12	$\mathcal{O}(5; \{12^2, 6, 4^4, 3^2, 2^3\})$	19813556551680
12	$\mathcal{O}(5; \{12^2, 6, 4^6, 3^2\})$	79254226206720
12	$\mathcal{O}(5; \{12^2, 6^2, 2^{10}\})$	743008370688
12	$\mathcal{O}(5; \{12^2, 6^2, 3^3, 2^6\})$	5201058594816
12	$\mathcal{O}(5; \{12^2, 6^2, 3^6, 2^2\})$	42351477129216
12	$\mathcal{O}(5; \{12^2, 6^2, 4^2, 2^7\})$	2972033482752
12	$\mathcal{O}(5; \{12^2, 6^2, 4^2, 3^3, 2^3\})$	20804234379264
12	$\mathcal{O}(5; \{12^2, 6^2, 4^4, 2^4\})$	11888133931008
12	$\mathcal{O}(5; \{12^2, 6^2, 4^4, 3^3\})$	83216937517056

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{12^2, 6^2, 4^6, 2\})$	47552535724032
12	$\mathcal{O}(5; \{12^2, 6^3, 3, 2^7\})$	2724364025856
12	$\mathcal{O}(5; \{12^2, 6^3, 3^4, 2^3\})$	21051903836160
12	$\mathcal{O}(5; \{12^2, 6^3, 4^2, 3, 2^4\})$	10897456103424
12	$\mathcal{O}(5; \{12^2, 6^3, 4^2, 3^4\})$	84207615344640
12	$\mathcal{O}(5; \{12^2, 6^3, 4^4, 3, 2\})$	43589824413696
12	$\mathcal{O}(5; \{12^2, 6^4, 3^2, 2^4\})$	10649786646528
12	$\mathcal{O}(5; \{12^2, 6^4, 3^5\})$	84455284801536
12	$\mathcal{O}(5; \{12^2, 6^4, 4^2, 3^2, 2\})$	42599146586112
12	$\mathcal{O}(5; \{12^2, 6^5, 2^5\})$	5201058594816
12	$\mathcal{O}(5; \{12^2, 6^5, 3^3, 2\})$	42351477129216
12	$\mathcal{O}(5; \{12^2, 6^5, 4^2, 2^2\})$	20804234379264
12	$\mathcal{O}(5; \{12^2, 6^6, 3, 2^2\})$	21051903836160
12	$\mathcal{O}(5; \{12^2, 6^8\})$	42351477129216
12	$\mathcal{O}(5; \{12^3, 4, 2^{10}\})$	990677827584
12	$\mathcal{O}(5; \{12^3, 4, 3^3, 2^6\})$	10897456103424
12	$\mathcal{O}(5; \{12^3, 4, 3^6, 2^2\})$	84207615344640
12	$\mathcal{O}(5; \{12^3, 4^3, 2^7\})$	3962711310336
12	$\mathcal{O}(5; \{12^3, 4^3, 3^3, 2^3\})$	43589824413696
12	$\mathcal{O}(5; \{12^3, 4^5, 2^4\})$	15850845241344
12	$\mathcal{O}(5; \{12^3, 4^5, 3^3\})$	174359297654784
12	$\mathcal{O}(5; \{12^3, 4^7, 2\})$	63403380965376
12	$\mathcal{O}(5; \{12^3, 6, 4, 3, 2^7\})$	4953389137920
12	$\mathcal{O}(5; \{12^3, 6, 4, 3^4, 2^3\})$	42599146586112
12	$\mathcal{O}(5; \{12^3, 6, 4^3, 3, 2^4\})$	19813556551680
12	$\mathcal{O}(5; \{12^3, 6, 4^3, 3^4\})$	170396586344448
12	$\mathcal{O}(5; \{12^3, 6, 4^5, 3, 2\})$	79254226206720
12	$\mathcal{O}(5; \{12^3, 6^2, 4, 3^2, 2^4\})$	20804234379264
12	$\mathcal{O}(5; \{12^3, 6^2, 4, 3^5\})$	169405908516864
12	$\mathcal{O}(5; \{12^3, 6^2, 4^3, 3^2, 2\})$	83216937517056
12	$\mathcal{O}(5; \{12^3, 6^3, 4, 2^5\})$	10897456103424
12	$\mathcal{O}(5; \{12^3, 6^3, 4, 3^3, 2\})$	84207615344640
12	$\mathcal{O}(5; \{12^3, 6^3, 4^3, 2^2\})$	43589824413696
12	$\mathcal{O}(5; \{12^3, 6^4, 4, 3, 2^2\})$	42599146586112
12	$\mathcal{O}(5; \{12^3, 6^6, 4\})$	84207615344640
12	$\mathcal{O}(5; \{12^4, 3^2, 2^7\})$	10897456103424
12	$\mathcal{O}(5; \{12^4, 3^5, 2^3\})$	84207615344640
12	$\mathcal{O}(5; \{12^4, 4^2, 3^2, 2^4\})$	43589824413696
12	$\mathcal{O}(5; \{12^4, 4^2, 3^5\})$	336830461378560
12	$\mathcal{O}(5; \{12^4, 4^4, 3^2, 2\})$	174359297654784
12	$\mathcal{O}(5; \{12^4, 6, 2^8\})$	4953389137920
12	$\mathcal{O}(5; \{12^4, 6, 3^3, 2^4\})$	42599146586112
12	$\mathcal{O}(5; \{12^4, 6, 3^6\})$	337821139206144

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{12^4, 6, 4^2, 2^5\})$	19813556551680
12	$\mathcal{O}(5; \{12^4, 6, 4^2, 3^3, 2\})$	170396586344448
12	$\mathcal{O}(5; \{12^4, 6, 4^4, 2^2\})$	79254226206720
12	$\mathcal{O}(5; \{12^4, 6^2, 3, 2^5\})$	20804234379264
12	$\mathcal{O}(5; \{12^4, 6^2, 3^4, 2\})$	169405908516864
12	$\mathcal{O}(5; \{12^4, 6^2, 4^2, 3, 2^2\})$	83216937517056
12	$\mathcal{O}(5; \{12^4, 6^3, 3^2, 2^2\})$	84207615344640
12	$\mathcal{O}(5; \{12^4, 6^4, 2^3\})$	42599146586112
12	$\mathcal{O}(5; \{12^4, 6^4, 4^2\})$	170396586344448
12	$\mathcal{O}(5; \{12^4, 6^5, 3\})$	169405908516864
12	$\mathcal{O}(5; \{12^5, 4, 3, 2^5\})$	43589824413696
12	$\mathcal{O}(5; \{12^5, 4, 3^4, 2\})$	336830461378560
12	$\mathcal{O}(5; \{12^5, 4^3, 3, 2^2\})$	174359297654784
12	$\mathcal{O}(5; \{12^5, 6, 4, 3^2, 2^2\})$	170396586344448
12	$\mathcal{O}(5; \{12^5, 6^2, 4, 2^3\})$	83216937517056
12	$\mathcal{O}(5; \{12^5, 6^2, 4^3\})$	332867750068224
12	$\mathcal{O}(5; \{12^5, 6^3, 4, 3\})$	336830461378560
12	$\mathcal{O}(5; \{12^6, 2^6\})$	43589824413696
12	$\mathcal{O}(5; \{12^6, 3^3, 2^2\})$	336830461378560
12	$\mathcal{O}(5; \{12^6, 4^2, 2^3\})$	174359297654784
12	$\mathcal{O}(5; \{12^6, 4^4\})$	697437190619136
12	$\mathcal{O}(5; \{12^6, 6, 3, 2^3\})$	170396586344448
12	$\mathcal{O}(5; \{12^6, 6, 4^2, 3\})$	681586345377792
12	$\mathcal{O}(5; \{12^6, 6^2, 3^2\})$	677623634067456
12	$\mathcal{O}(5; \{12^6, 6^3, 2\})$	336830461378560
12	$\mathcal{O}(5; \{12^7, 4, 3^2\})$	1347321845514240
12	$\mathcal{O}(5; \{12^7, 6, 4, 2\})$	681586345377792
12	$\mathcal{O}(5; \{12^8, 3, 2\})$	1347321845514240
12	$\mathcal{O}(4; \{4^2, 2^{18}\})$	859832320
12	$\mathcal{O}(4; \{4^2, 3^3, 2^{14}\})$	1719926784
12	$\mathcal{O}(4; \{4^2, 3^6, 2^{10}\})$	18919194624
12	$\mathcal{O}(4; \{4^2, 3^9, 2^6\})$	146193776640
12	$\mathcal{O}(4; \{4^2, 3^{12}, 2^2\})$	1174709993472
12	$\mathcal{O}(4; \{4^4, 2^{15}\})$	3439329280
12	$\mathcal{O}(4; \{4^4, 3^3, 2^{11}\})$	6879707136
12	$\mathcal{O}(4; \{4^4, 3^6, 2^7\})$	75676778496
12	$\mathcal{O}(4; \{4^4, 3^9, 2^3\})$	584775106560
12	$\mathcal{O}(4; \{4^6, 2^{12}\})$	13757317120
12	$\mathcal{O}(4; \{4^6, 3^3, 2^8\})$	27518828544
12	$\mathcal{O}(4; \{4^6, 3^6, 2^4\})$	302707113984
12	$\mathcal{O}(4; \{4^6, 3^9\})$	2339100426240
12	$\mathcal{O}(4; \{4^8, 2^9\})$	55029268480
12	$\mathcal{O}(4; \{4^8, 3^3, 2^5\})$	110075314176

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{4^8, 3^6, 2\})$	1210828455936
12	$\mathcal{O}(4; \{4^{10}, 2^6\})$	220117073920
12	$\mathcal{O}(4; \{4^{10}, 3^3, 2^2\})$	440301256704
12	$\mathcal{O}(4; \{4^{12}, 2^3\})$	880468295680
12	$\mathcal{O}(4; \{4^{14}\})$	3521873182720
12	$\mathcal{O}(4; \{6, 4^2, 3, 2^{15}\})$	1719926784
12	$\mathcal{O}(4; \{6, 4^2, 3^4, 2^{11}\})$	8599633920
12	$\mathcal{O}(4; \{6, 4^2, 3^7, 2^7\})$	73956851712
12	$\mathcal{O}(4; \{6, 4^2, 3^{10}, 2^3\})$	586495033344
12	$\mathcal{O}(4; \{6, 4^4, 3, 2^{12}\})$	6879707136
12	$\mathcal{O}(4; \{6, 4^4, 3^4, 2^8\})$	34398535680
12	$\mathcal{O}(4; \{6, 4^4, 3^7, 2^4\})$	295827406848
12	$\mathcal{O}(4; \{6, 4^4, 3^{10}\})$	2345980133376
12	$\mathcal{O}(4; \{6, 4^6, 3, 2^9\})$	27518828544
12	$\mathcal{O}(4; \{6, 4^6, 3^4, 2^5\})$	137594142720
12	$\mathcal{O}(4; \{6, 4^6, 3^7, 2\})$	1183309627392
12	$\mathcal{O}(4; \{6, 4^8, 3, 2^6\})$	110075314176
12	$\mathcal{O}(4; \{6, 4^8, 3^4, 2^2\})$	550376570880
12	$\mathcal{O}(4; \{6, 4^{10}, 3, 2^3\})$	440301256704
12	$\mathcal{O}(4; \{6, 4^{12}, 3\})$	1761205026816
12	$\mathcal{O}(4; \{6^2, 4^2, 3^2, 2^{12}\})$	5159780352
12	$\mathcal{O}(4; \{6^2, 4^2, 3^5, 2^8\})$	36118462464
12	$\mathcal{O}(4; \{6^2, 4^2, 3^8, 2^4\})$	294107480064
12	$\mathcal{O}(4; \{6^2, 4^2, 3^{11}\})$	2347700060160
12	$\mathcal{O}(4; \{6^2, 4^4, 3^2, 2^9\})$	20639121408
12	$\mathcal{O}(4; \{6^2, 4^4, 3^5, 2^5\})$	144473849856
12	$\mathcal{O}(4; \{6^2, 4^4, 3^8, 2\})$	1176429920256
12	$\mathcal{O}(4; \{6^2, 4^6, 3^2, 2^6\})$	82556485632
12	$\mathcal{O}(4; \{6^2, 4^6, 3^5, 2^2\})$	577895399424
12	$\mathcal{O}(4; \{6^2, 4^8, 3^2, 2^3\})$	330225942528
12	$\mathcal{O}(4; \{6^2, 4^{10}, 3^2\})$	1320903770112
12	$\mathcal{O}(4; \{6^3, 4^2, 2^{13}\})$	1719926784
12	$\mathcal{O}(4; \{6^3, 4^2, 3^3, 2^9\})$	18919194624
12	$\mathcal{O}(4; \{6^3, 4^2, 3^6, 2^5\})$	146193776640
12	$\mathcal{O}(4; \{6^3, 4^2, 3^9, 2\})$	1174709993472
12	$\mathcal{O}(4; \{6^3, 4^4, 2^{10}\})$	6879707136
12	$\mathcal{O}(4; \{6^3, 4^4, 3^3, 2^6\})$	75676778496
12	$\mathcal{O}(4; \{6^3, 4^4, 3^6, 2^2\})$	584775106560
12	$\mathcal{O}(4; \{6^3, 4^6, 2^7\})$	27518828544
12	$\mathcal{O}(4; \{6^3, 4^6, 3^3, 2^3\})$	302707113984
12	$\mathcal{O}(4; \{6^3, 4^8, 2^4\})$	110075314176
12	$\mathcal{O}(4; \{6^3, 4^8, 3^3\})$	1210828455936
12	$\mathcal{O}(4; \{6^3, 4^{10}, 2\})$	440301256704

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{6^4, 4^2, 3, 2^{10}\})$	8599633920
12	$\mathcal{O}(4; \{6^4, 4^2, 3^4, 2^6\})$	73956851712
12	$\mathcal{O}(4; \{6^4, 4^2, 3^7, 2^2\})$	586495033344
12	$\mathcal{O}(4; \{6^4, 4^4, 3, 2^7\})$	34398535680
12	$\mathcal{O}(4; \{6^4, 4^4, 3^4, 2^3\})$	295827406848
12	$\mathcal{O}(4; \{6^4, 4^6, 3, 2^4\})$	137594142720
12	$\mathcal{O}(4; \{6^4, 4^6, 3^4\})$	1183309627392
12	$\mathcal{O}(4; \{6^4, 4^8, 3, 2\})$	550376570880
12	$\mathcal{O}(4; \{6^5, 4^2, 3^2, 2^7\})$	36118462464
12	$\mathcal{O}(4; \{6^5, 4^2, 3^5, 2^3\})$	294107480064
12	$\mathcal{O}(4; \{6^5, 4^4, 3^2, 2^4\})$	144473849856
12	$\mathcal{O}(4; \{6^5, 4^4, 3^5\})$	1176429920256
12	$\mathcal{O}(4; \{6^5, 4^6, 3^2, 2\})$	577895399424
12	$\mathcal{O}(4; \{6^6, 4^2, 2^8\})$	18919194624
12	$\mathcal{O}(4; \{6^6, 4^2, 3^3, 2^4\})$	146193776640
12	$\mathcal{O}(4; \{6^6, 4^2, 3^6\})$	1174709993472
12	$\mathcal{O}(4; \{6^6, 4^4, 2^5\})$	75676778496
12	$\mathcal{O}(4; \{6^6, 4^4, 3^3, 2\})$	584775106560
12	$\mathcal{O}(4; \{6^6, 4^6, 2^2\})$	302707113984
12	$\mathcal{O}(4; \{6^7, 4^2, 3, 2^5\})$	73956851712
12	$\mathcal{O}(4; \{6^7, 4^2, 3^4, 2\})$	586495033344
12	$\mathcal{O}(4; \{6^7, 4^4, 3, 2^2\})$	295827406848
12	$\mathcal{O}(4; \{6^8, 4^2, 3^2, 2^2\})$	294107480064
12	$\mathcal{O}(4; \{6^9, 4^2, 2^3\})$	146193776640
12	$\mathcal{O}(4; \{6^9, 4^4\})$	584775106560
12	$\mathcal{O}(4; \{6^{10}, 4^2, 3\})$	586495033344
12	$\mathcal{O}(4; \{12, 4, 3^2, 2^{15}\})$	1719926784
12	$\mathcal{O}(4; \{12, 4, 3^5, 2^{11}\})$	18919194624
12	$\mathcal{O}(4; \{12, 4, 3^8, 2^7\})$	146193776640
12	$\mathcal{O}(4; \{12, 4, 3^{11}, 2^3\})$	1174709993472
12	$\mathcal{O}(4; \{12, 4^3, 3^2, 2^{12}\})$	6879707136
12	$\mathcal{O}(4; \{12, 4^3, 3^5, 2^8\})$	75676778496
12	$\mathcal{O}(4; \{12, 4^3, 3^8, 2^4\})$	584775106560
12	$\mathcal{O}(4; \{12, 4^3, 3^{11}\})$	4698839973888
12	$\mathcal{O}(4; \{12, 4^5, 3^2, 2^9\})$	27518828544
12	$\mathcal{O}(4; \{12, 4^5, 3^5, 2^5\})$	302707113984
12	$\mathcal{O}(4; \{12, 4^5, 3^8, 2\})$	2339100426240
12	$\mathcal{O}(4; \{12, 4^7, 3^2, 2^6\})$	110075314176
12	$\mathcal{O}(4; \{12, 4^7, 3^5, 2^2\})$	1210828455936
12	$\mathcal{O}(4; \{12, 4^9, 3^2, 2^3\})$	440301256704
12	$\mathcal{O}(4; \{12, 4^{11}, 3^2\})$	1761205026816
12	$\mathcal{O}(4; \{12, 6, 4, 2^{16}\})$	1719926784
12	$\mathcal{O}(4; \{12, 6, 4, 3^3, 2^{12}\})$	8599633920

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12, 6, 4, 3^6, 2^8\})$	73956851712
12	$\mathcal{O}(4; \{12, 6, 4, 3^9, 2^4\})$	586495033344
12	$\mathcal{O}(4; \{12, 6, 4, 3^{12}\})$	4697120047104
12	$\mathcal{O}(4; \{12, 6, 4^3, 2^{13}\})$	6879707136
12	$\mathcal{O}(4; \{12, 6, 4^3, 3^3, 2^9\})$	34398535680
12	$\mathcal{O}(4; \{12, 6, 4^3, 3^6, 2^5\})$	295827406848
12	$\mathcal{O}(4; \{12, 6, 4^3, 3^9, 2\})$	2345980133376
12	$\mathcal{O}(4; \{12, 6, 4^5, 2^{10}\})$	27518828544
12	$\mathcal{O}(4; \{12, 6, 4^5, 3^3, 2^6\})$	137594142720
12	$\mathcal{O}(4; \{12, 6, 4^5, 3^6, 2^2\})$	1183309627392
12	$\mathcal{O}(4; \{12, 6, 4^7, 2^7\})$	110075314176
12	$\mathcal{O}(4; \{12, 6, 4^7, 3^3, 2^3\})$	550376570880
12	$\mathcal{O}(4; \{12, 6, 4^9, 2^4\})$	440301256704
12	$\mathcal{O}(4; \{12, 6, 4^9, 3^3\})$	2201506283520
12	$\mathcal{O}(4; \{12, 6, 4^{11}, 2\})$	1761205026816
12	$\mathcal{O}(4; \{12, 6^2, 4, 3, 2^{13}\})$	5159780352
12	$\mathcal{O}(4; \{12, 6^2, 4, 3^4, 2^9\})$	36118462464
12	$\mathcal{O}(4; \{12, 6^2, 4, 3^7, 2^5\})$	294107480064
12	$\mathcal{O}(4; \{12, 6^2, 4, 3^{10}, 2\})$	2347700060160
12	$\mathcal{O}(4; \{12, 6^2, 4^3, 3, 2^{10}\})$	20639121408
12	$\mathcal{O}(4; \{12, 6^2, 4^3, 3^4, 2^6\})$	144473849856
12	$\mathcal{O}(4; \{12, 6^2, 4^3, 3^7, 2^2\})$	1176429920256
12	$\mathcal{O}(4; \{12, 6^2, 4^5, 3, 2^7\})$	82556485632
12	$\mathcal{O}(4; \{12, 6^2, 4^5, 3^4, 2^3\})$	577895399424
12	$\mathcal{O}(4; \{12, 6^2, 4^7, 3, 2^4\})$	330225942528
12	$\mathcal{O}(4; \{12, 6^2, 4^7, 3^4\})$	2311581597696
12	$\mathcal{O}(4; \{12, 6^2, 4^9, 3, 2\})$	1320903770112
12	$\mathcal{O}(4; \{12, 6^3, 4, 3^2, 2^{10}\})$	18919194624
12	$\mathcal{O}(4; \{12, 6^3, 4, 3^5, 2^6\})$	146193776640
12	$\mathcal{O}(4; \{12, 6^3, 4, 3^8, 2^2\})$	1174709993472
12	$\mathcal{O}(4; \{12, 6^3, 4^3, 3^2, 2^7\})$	75676778496
12	$\mathcal{O}(4; \{12, 6^3, 4^3, 3^5, 2^3\})$	584775106560
12	$\mathcal{O}(4; \{12, 6^3, 4^5, 3^2, 2^4\})$	302707113984
12	$\mathcal{O}(4; \{12, 6^3, 4^5, 3^5\})$	2339100426240
12	$\mathcal{O}(4; \{12, 6^3, 4^7, 3^2, 2\})$	1210828455936
12	$\mathcal{O}(4; \{12, 6^4, 4, 2^{11}\})$	8599633920
12	$\mathcal{O}(4; \{12, 6^4, 4, 3^3, 2^7\})$	73956851712
12	$\mathcal{O}(4; \{12, 6^4, 4, 3^6, 2^3\})$	586495033344
12	$\mathcal{O}(4; \{12, 6^4, 4^3, 2^8\})$	34398535680
12	$\mathcal{O}(4; \{12, 6^4, 4^3, 3^3, 2^4\})$	295827406848
12	$\mathcal{O}(4; \{12, 6^4, 4^3, 3^6\})$	2345980133376
12	$\mathcal{O}(4; \{12, 6^4, 4^5, 2^5\})$	137594142720
12	$\mathcal{O}(4; \{12, 6^4, 4^5, 3^3, 2\})$	1183309627392

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12, 6^4, 4^7, 2^2\})$	550376570880
12	$\mathcal{O}(4; \{12, 6^5, 4, 3, 2^8\})$	36118462464
12	$\mathcal{O}(4; \{12, 6^5, 4, 3^4, 2^4\})$	294107480064
12	$\mathcal{O}(4; \{12, 6^5, 4, 3^7\})$	2347700060160
12	$\mathcal{O}(4; \{12, 6^5, 4^3, 3, 2^5\})$	144473849856
12	$\mathcal{O}(4; \{12, 6^5, 4^3, 3^4, 2\})$	1176429920256
12	$\mathcal{O}(4; \{12, 6^5, 4^5, 3, 2^2\})$	577895399424
12	$\mathcal{O}(4; \{12, 6^6, 4, 3^2, 2^5\})$	146193776640
12	$\mathcal{O}(4; \{12, 6^6, 4, 3^5, 2\})$	1174709993472
12	$\mathcal{O}(4; \{12, 6^6, 4^3, 3^2, 2^2\})$	584775106560
12	$\mathcal{O}(4; \{12, 6^7, 4, 2^6\})$	73956851712
12	$\mathcal{O}(4; \{12, 6^7, 4, 3^3, 2^2\})$	586495033344
12	$\mathcal{O}(4; \{12, 6^7, 4^3, 2^3\})$	295827406848
12	$\mathcal{O}(4; \{12, 6^7, 4^5\})$	1183309627392
12	$\mathcal{O}(4; \{12, 6^8, 4, 3, 2^3\})$	294107480064
12	$\mathcal{O}(4; \{12, 6^8, 4^3, 3\})$	1176429920256
12	$\mathcal{O}(4; \{12, 6^9, 4, 3^2\})$	1174709993472
12	$\mathcal{O}(4; \{12, 6^{10}, 4, 2\})$	586495033344
12	$\mathcal{O}(4; \{12^2, 3, 2^{16}\})$	1719926784
12	$\mathcal{O}(4; \{12^2, 3^4, 2^{12}\})$	18919194624
12	$\mathcal{O}(4; \{12^2, 3^7, 2^8\})$	146193776640
12	$\mathcal{O}(4; \{12^2, 3^{10}, 2^4\})$	1174709993472
12	$\mathcal{O}(4; \{12^2, 3^{13}\})$	9392520167424
12	$\mathcal{O}(4; \{12^2, 4^2, 3, 2^{13}\})$	6879707136
12	$\mathcal{O}(4; \{12^2, 4^2, 3^4, 2^9\})$	75676778496
12	$\mathcal{O}(4; \{12^2, 4^2, 3^7, 2^5\})$	584775106560
12	$\mathcal{O}(4; \{12^2, 4^2, 3^{10}, 2\})$	4698839973888
12	$\mathcal{O}(4; \{12^2, 4^4, 3, 2^{10}\})$	27518828544
12	$\mathcal{O}(4; \{12^2, 4^4, 3^4, 2^6\})$	302707113984
12	$\mathcal{O}(4; \{12^2, 4^4, 3^7, 2^2\})$	2339100426240
12	$\mathcal{O}(4; \{12^2, 4^6, 3, 2^7\})$	110075314176
12	$\mathcal{O}(4; \{12^2, 4^6, 3^4, 2^3\})$	1210828455936
12	$\mathcal{O}(4; \{12^2, 4^8, 3, 2^4\})$	440301256704
12	$\mathcal{O}(4; \{12^2, 4^8, 3^4\})$	4843313823744
12	$\mathcal{O}(4; \{12^2, 4^{10}, 3, 2\})$	1761205026816
12	$\mathcal{O}(4; \{12^2, 6, 3^2, 2^{13}\})$	8599633920
12	$\mathcal{O}(4; \{12^2, 6, 3^5, 2^9\})$	73956851712
12	$\mathcal{O}(4; \{12^2, 6, 3^8, 2^5\})$	586495033344
12	$\mathcal{O}(4; \{12^2, 6, 3^{11}, 2\})$	4697120047104
12	$\mathcal{O}(4; \{12^2, 6, 4^2, 3^2, 2^{10}\})$	34398535680
12	$\mathcal{O}(4; \{12^2, 6, 4^2, 3^5, 2^6\})$	295827406848
12	$\mathcal{O}(4; \{12^2, 6, 4^2, 3^8, 2^2\})$	2345980133376
12	$\mathcal{O}(4; \{12^2, 6, 4^4, 3^2, 2^7\})$	137594142720

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^2, 6, 4^4, 3^5, 2^3\})$	1183309627392
12	$\mathcal{O}(4; \{12^2, 6, 4^6, 3^2, 2^4\})$	550376570880
12	$\mathcal{O}(4; \{12^2, 6, 4^6, 3^5\})$	4733238509568
12	$\mathcal{O}(4; \{12^2, 6, 4^8, 3^2, 2\})$	2201506283520
12	$\mathcal{O}(4; \{12^2, 6^2, 2^{14}\})$	5159780352
12	$\mathcal{O}(4; \{12^2, 6^2, 3^3, 2^{10}\})$	36118462464
12	$\mathcal{O}(4; \{12^2, 6^2, 3^6, 2^6\})$	294107480064
12	$\mathcal{O}(4; \{12^2, 6^2, 3^9, 2^2\})$	2347700060160
12	$\mathcal{O}(4; \{12^2, 6^2, 4^2, 2^{11}\})$	20639121408
12	$\mathcal{O}(4; \{12^2, 6^2, 4^2, 3^3, 2^7\})$	144473849856
12	$\mathcal{O}(4; \{12^2, 6^2, 4^2, 3^6, 2^3\})$	1176429920256
12	$\mathcal{O}(4; \{12^2, 6^2, 4^4, 2^8\})$	82556485632
12	$\mathcal{O}(4; \{12^2, 6^2, 4^4, 3^3, 2^4\})$	577895399424
12	$\mathcal{O}(4; \{12^2, 6^2, 4^4, 3^6\})$	4705719681024
12	$\mathcal{O}(4; \{12^2, 6^2, 4^6, 2^5\})$	330225942528
12	$\mathcal{O}(4; \{12^2, 6^2, 4^6, 3^3, 2\})$	2311581597696
12	$\mathcal{O}(4; \{12^2, 6^2, 4^8, 2^2\})$	1320903770112
12	$\mathcal{O}(4; \{12^2, 6^3, 3, 2^{11}\})$	18919194624
12	$\mathcal{O}(4; \{12^2, 6^3, 3^4, 2^7\})$	146193776640
12	$\mathcal{O}(4; \{12^2, 6^3, 3^7, 2^3\})$	1174709993472
12	$\mathcal{O}(4; \{12^2, 6^3, 4^2, 3, 2^8\})$	75676778496
12	$\mathcal{O}(4; \{12^2, 6^3, 4^2, 3^4, 2^4\})$	584775106560
12	$\mathcal{O}(4; \{12^2, 6^3, 4^2, 3^7\})$	4698839973888
12	$\mathcal{O}(4; \{12^2, 6^3, 4^4, 3, 2^5\})$	302707113984
12	$\mathcal{O}(4; \{12^2, 6^3, 4^4, 3^4, 2\})$	2339100426240
12	$\mathcal{O}(4; \{12^2, 6^3, 4^6, 3, 2^2\})$	1210828455936
12	$\mathcal{O}(4; \{12^2, 6^4, 3^2, 2^8\})$	73956851712
12	$\mathcal{O}(4; \{12^2, 6^4, 3^5, 2^4\})$	586495033344
12	$\mathcal{O}(4; \{12^2, 6^4, 3^8\})$	4697120047104
12	$\mathcal{O}(4; \{12^2, 6^4, 4^2, 3^2, 2^5\})$	295827406848
12	$\mathcal{O}(4; \{12^2, 6^4, 4^2, 3^5, 2\})$	2345980133376
12	$\mathcal{O}(4; \{12^2, 6^4, 4^4, 3^2, 2^2\})$	1183309627392
12	$\mathcal{O}(4; \{12^2, 6^5, 2^9\})$	36118462464
12	$\mathcal{O}(4; \{12^2, 6^5, 3^3, 2^5\})$	294107480064
12	$\mathcal{O}(4; \{12^2, 6^5, 3^6, 2\})$	2347700060160
12	$\mathcal{O}(4; \{12^2, 6^5, 4^2, 2^6\})$	144473849856
12	$\mathcal{O}(4; \{12^2, 6^5, 4^2, 3^3, 2^2\})$	1176429920256
12	$\mathcal{O}(4; \{12^2, 6^5, 4^4, 2^3\})$	577895399424
12	$\mathcal{O}(4; \{12^2, 6^5, 4^6\})$	2311581597696
12	$\mathcal{O}(4; \{12^2, 6^6, 3, 2^6\})$	146193776640
12	$\mathcal{O}(4; \{12^2, 6^6, 3^4, 2^2\})$	1174709993472
12	$\mathcal{O}(4; \{12^2, 6^6, 4^2, 3, 2^3\})$	584775106560
12	$\mathcal{O}(4; \{12^2, 6^6, 4^4, 3\})$	2339100426240

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^2, 6^7, 3^2, 2^3\})$	586495033344
12	$\mathcal{O}(4; \{12^2, 6^7, 4^2, 3^2\})$	2345980133376
12	$\mathcal{O}(4; \{12^2, 6^8, 2^4\})$	294107480064
12	$\mathcal{O}(4; \{12^2, 6^8, 3^3\})$	2347700060160
12	$\mathcal{O}(4; \{12^2, 6^8, 4^2, 2\})$	1176429920256
12	$\mathcal{O}(4; \{12^2, 6^9, 3, 2\})$	1174709993472
12	$\mathcal{O}(4; \{12^3, 4, 2^{14}\})$	6879707136
12	$\mathcal{O}(4; \{12^3, 4, 3^3, 2^{10}\})$	75676778496
12	$\mathcal{O}(4; \{12^3, 4, 3^6, 2^6\})$	584775106560
12	$\mathcal{O}(4; \{12^3, 4, 3^9, 2^2\})$	4698839973888
12	$\mathcal{O}(4; \{12^3, 4^3, 2^{11}\})$	27518828544
12	$\mathcal{O}(4; \{12^3, 4^3, 3^3, 2^7\})$	302707113984
12	$\mathcal{O}(4; \{12^3, 4^3, 3^6, 2^3\})$	2339100426240
12	$\mathcal{O}(4; \{12^3, 4^5, 2^8\})$	110075314176
12	$\mathcal{O}(4; \{12^3, 4^5, 3^3, 2^4\})$	1210828455936
12	$\mathcal{O}(4; \{12^3, 4^5, 3^6\})$	9356401704960
12	$\mathcal{O}(4; \{12^3, 4^7, 2^5\})$	440301256704
12	$\mathcal{O}(4; \{12^3, 4^7, 3^3, 2\})$	4843313823744
12	$\mathcal{O}(4; \{12^3, 4^9, 2^2\})$	1761205026816
12	$\mathcal{O}(4; \{12^3, 6, 4, 3, 2^{11}\})$	34398535680
12	$\mathcal{O}(4; \{12^3, 6, 4, 3^4, 2^7\})$	295827406848
12	$\mathcal{O}(4; \{12^3, 6, 4, 3^7, 2^3\})$	2345980133376
12	$\mathcal{O}(4; \{12^3, 6, 4^3, 3, 2^8\})$	137594142720
12	$\mathcal{O}(4; \{12^3, 6, 4^3, 3^4, 2^4\})$	1183309627392
12	$\mathcal{O}(4; \{12^3, 6, 4^3, 3^7\})$	9383920533504
12	$\mathcal{O}(4; \{12^3, 6, 4^5, 3, 2^5\})$	550376570880
12	$\mathcal{O}(4; \{12^3, 6, 4^5, 3^4, 2\})$	4733238509568
12	$\mathcal{O}(4; \{12^3, 6, 4^7, 3, 2^2\})$	2201506283520
12	$\mathcal{O}(4; \{12^3, 6^2, 4, 3^2, 2^8\})$	144473849856
12	$\mathcal{O}(4; \{12^3, 6^2, 4, 3^5, 2^4\})$	1176429920256
12	$\mathcal{O}(4; \{12^3, 6^2, 4, 3^8\})$	9390800240640
12	$\mathcal{O}(4; \{12^3, 6^2, 4^3, 3^2, 2^5\})$	577895399424
12	$\mathcal{O}(4; \{12^3, 6^2, 4^3, 3^5, 2\})$	4705719681024
12	$\mathcal{O}(4; \{12^3, 6^2, 4^5, 3^2, 2^2\})$	2311581597696
12	$\mathcal{O}(4; \{12^3, 6^3, 4, 2^9\})$	75676778496
12	$\mathcal{O}(4; \{12^3, 6^3, 4, 3^3, 2^5\})$	584775106560
12	$\mathcal{O}(4; \{12^3, 6^3, 4, 3^6, 2\})$	4698839973888
12	$\mathcal{O}(4; \{12^3, 6^3, 4^3, 2^6\})$	302707113984
12	$\mathcal{O}(4; \{12^3, 6^3, 4^3, 3^3, 2^2\})$	2339100426240
12	$\mathcal{O}(4; \{12^3, 6^3, 4^5, 2^3\})$	1210828455936
12	$\mathcal{O}(4; \{12^3, 6^3, 4^7\})$	4843313823744
12	$\mathcal{O}(4; \{12^3, 6^4, 4, 3, 2^6\})$	295827406848
12	$\mathcal{O}(4; \{12^3, 6^4, 4, 3^4, 2^2\})$	2345980133376

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^3, 6^4, 4^3, 3, 2^3\})$	1183309627392
12	$\mathcal{O}(4; \{12^3, 6^4, 4^5, 3\})$	4733238509568
12	$\mathcal{O}(4; \{12^3, 6^5, 4, 3^2, 2^3\})$	1176429920256
12	$\mathcal{O}(4; \{12^3, 6^5, 4^3, 3^2\})$	4705719681024
12	$\mathcal{O}(4; \{12^3, 6^6, 4, 2^4\})$	584775106560
12	$\mathcal{O}(4; \{12^3, 6^6, 4, 3^3\})$	4698839973888
12	$\mathcal{O}(4; \{12^3, 6^6, 4^3, 2\})$	2339100426240
12	$\mathcal{O}(4; \{12^3, 6^7, 4, 3, 2\})$	2345980133376
12	$\mathcal{O}(4; \{12^4, 3^2, 2^{11}\})$	75676778496
12	$\mathcal{O}(4; \{12^4, 3^5, 2^7\})$	584775106560
12	$\mathcal{O}(4; \{12^4, 3^8, 2^3\})$	4698839973888
12	$\mathcal{O}(4; \{12^4, 4^2, 3^2, 2^8\})$	302707113984
12	$\mathcal{O}(4; \{12^4, 4^2, 3^5, 2^4\})$	2339100426240
12	$\mathcal{O}(4; \{12^4, 4^2, 3^8\})$	18795359895552
12	$\mathcal{O}(4; \{12^4, 4^4, 3^2, 2^5\})$	1210828455936
12	$\mathcal{O}(4; \{12^4, 4^4, 3^5, 2\})$	9356401704960
12	$\mathcal{O}(4; \{12^4, 4^6, 3^2, 2^2\})$	4843313823744
12	$\mathcal{O}(4; \{12^4, 6, 2^{12}\})$	34398535680
12	$\mathcal{O}(4; \{12^4, 6, 3^3, 2^8\})$	295827406848
12	$\mathcal{O}(4; \{12^4, 6, 3^6, 2^4\})$	2345980133376
12	$\mathcal{O}(4; \{12^4, 6, 3^9\})$	18788480188416
12	$\mathcal{O}(4; \{12^4, 6, 4^2, 2^9\})$	137594142720
12	$\mathcal{O}(4; \{12^4, 6, 4^2, 3^3, 2^5\})$	1183309627392
12	$\mathcal{O}(4; \{12^4, 6, 4^2, 3^6, 2\})$	9383920533504
12	$\mathcal{O}(4; \{12^4, 6, 4^4, 2^6\})$	550376570880
12	$\mathcal{O}(4; \{12^4, 6, 4^4, 3^3, 2^2\})$	4733238509568
12	$\mathcal{O}(4; \{12^4, 6, 4^6, 2^3\})$	2201506283520
12	$\mathcal{O}(4; \{12^4, 6, 4^8\})$	8806025134080
12	$\mathcal{O}(4; \{12^4, 6^2, 3, 2^9\})$	144473849856
12	$\mathcal{O}(4; \{12^4, 6^2, 3^4, 2^5\})$	1176429920256
12	$\mathcal{O}(4; \{12^4, 6^2, 3^7, 2\})$	9390800240640
12	$\mathcal{O}(4; \{12^4, 6^2, 4^2, 3, 2^6\})$	577895399424
12	$\mathcal{O}(4; \{12^4, 6^2, 4^2, 3^4, 2^2\})$	4705719681024
12	$\mathcal{O}(4; \{12^4, 6^2, 4^4, 3, 2^3\})$	2311581597696
12	$\mathcal{O}(4; \{12^4, 6^2, 4^6, 3\})$	9246326390784
12	$\mathcal{O}(4; \{12^4, 6^3, 3^2, 2^6\})$	584775106560
12	$\mathcal{O}(4; \{12^4, 6^3, 3^5, 2^2\})$	4698839973888
12	$\mathcal{O}(4; \{12^4, 6^3, 4^2, 3^2, 2^3\})$	2339100426240
12	$\mathcal{O}(4; \{12^4, 6^3, 4^4, 3^2\})$	9356401704960
12	$\mathcal{O}(4; \{12^4, 6^4, 2^7\})$	295827406848
12	$\mathcal{O}(4; \{12^4, 6^4, 3^3, 2^3\})$	2345980133376
12	$\mathcal{O}(4; \{12^4, 6^4, 4^2, 2^4\})$	1183309627392
12	$\mathcal{O}(4; \{12^4, 6^4, 4^2, 3^3\})$	9383920533504

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^4, 6^4, 4^4, 2\})$	4733238509568
12	$\mathcal{O}(4; \{12^4, 6^5, 3, 2^4\})$	1176429920256
12	$\mathcal{O}(4; \{12^4, 6^5, 3^4\})$	9390800240640
12	$\mathcal{O}(4; \{12^4, 6^5, 4^2, 3, 2\})$	4705719681024
12	$\mathcal{O}(4; \{12^4, 6^6, 3^2, 2\})$	4698839973888
12	$\mathcal{O}(4; \{12^4, 6^7, 2^2\})$	2345980133376
12	$\mathcal{O}(4; \{12^5, 4, 3, 2^9\})$	302707113984
12	$\mathcal{O}(4; \{12^5, 4, 3^4, 2^5\})$	2339100426240
12	$\mathcal{O}(4; \{12^5, 4, 3^7, 2\})$	18795359895552
12	$\mathcal{O}(4; \{12^5, 4^3, 3, 2^6\})$	1210828455936
12	$\mathcal{O}(4; \{12^5, 4^3, 3^4, 2^2\})$	9356401704960
12	$\mathcal{O}(4; \{12^5, 4^5, 3, 2^3\})$	4843313823744
12	$\mathcal{O}(4; \{12^5, 4^7, 3\})$	19373255294976
12	$\mathcal{O}(4; \{12^5, 6, 4, 3^2, 2^6\})$	1183309627392
12	$\mathcal{O}(4; \{12^5, 6, 4, 3^5, 2^2\})$	9383920533504
12	$\mathcal{O}(4; \{12^5, 6, 4^3, 3^2, 2^3\})$	4733238509568
12	$\mathcal{O}(4; \{12^5, 6, 4^5, 3^2\})$	18932954038272
12	$\mathcal{O}(4; \{12^5, 6^2, 4, 2^7\})$	577895399424
12	$\mathcal{O}(4; \{12^5, 6^2, 4, 3^3, 2^3\})$	4705719681024
12	$\mathcal{O}(4; \{12^5, 6^2, 4^3, 2^4\})$	2311581597696
12	$\mathcal{O}(4; \{12^5, 6^2, 4^3, 3^3\})$	18822878724096
12	$\mathcal{O}(4; \{12^5, 6^2, 4^5, 2\})$	9246326390784
12	$\mathcal{O}(4; \{12^5, 6^3, 4, 3, 2^4\})$	2339100426240
12	$\mathcal{O}(4; \{12^5, 6^3, 4, 3^4\})$	18795359895552
12	$\mathcal{O}(4; \{12^5, 6^3, 4^3, 3, 2\})$	9356401704960
12	$\mathcal{O}(4; \{12^5, 6^4, 4, 3^2, 2\})$	9383920533504
12	$\mathcal{O}(4; \{12^5, 6^5, 4, 2^2\})$	4705719681024
12	$\mathcal{O}(4; \{12^6, 2^{10}\})$	302707113984
12	$\mathcal{O}(4; \{12^6, 3^3, 2^6\})$	2339100426240
12	$\mathcal{O}(4; \{12^6, 3^6, 2^2\})$	18795359895552
12	$\mathcal{O}(4; \{12^6, 4^2, 2^7\})$	1210828455936
12	$\mathcal{O}(4; \{12^6, 4^2, 3^3, 2^3\})$	9356401704960
12	$\mathcal{O}(4; \{12^6, 4^4, 2^4\})$	4843313823744
12	$\mathcal{O}(4; \{12^6, 4^4, 3^3\})$	37425606819840
12	$\mathcal{O}(4; \{12^6, 4^6, 2\})$	19373255294976
12	$\mathcal{O}(4; \{12^6, 6, 3, 2^7\})$	1183309627392
12	$\mathcal{O}(4; \{12^6, 6, 3^4, 2^3\})$	9383920533504
12	$\mathcal{O}(4; \{12^6, 6, 4^2, 3, 2^4\})$	4733238509568
12	$\mathcal{O}(4; \{12^6, 6, 4^2, 3^4\})$	37535682134016
12	$\mathcal{O}(4; \{12^6, 6, 4^4, 3, 2\})$	18932954038272
12	$\mathcal{O}(4; \{12^6, 6^2, 3^2, 2^4\})$	4705719681024
12	$\mathcal{O}(4; \{12^6, 6^2, 3^5\})$	37563200962560
12	$\mathcal{O}(4; \{12^6, 6^2, 4^2, 3^2, 2\})$	18822878724096

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^6, 6^3, 2^5\})$	2339100426240
12	$\mathcal{O}(4; \{12^6, 6^3, 3^3, 2\})$	18795359895552
12	$\mathcal{O}(4; \{12^6, 6^3, 4^2, 2^2\})$	9356401704960
12	$\mathcal{O}(4; \{12^6, 6^4, 3, 2^2\})$	9383920533504
12	$\mathcal{O}(4; \{12^6, 6^6\})$	18795359895552
12	$\mathcal{O}(4; \{12^7, 4, 3^2, 2^4\})$	9356401704960
12	$\mathcal{O}(4; \{12^7, 4, 3^5\})$	75181439582208
12	$\mathcal{O}(4; \{12^7, 4^3, 3^2, 2\})$	37425606819840
12	$\mathcal{O}(4; \{12^7, 6, 4, 2^5\})$	4733238509568
12	$\mathcal{O}(4; \{12^7, 6, 4, 3^3, 2\})$	37535682134016
12	$\mathcal{O}(4; \{12^7, 6, 4^3, 2^2\})$	18932954038272
12	$\mathcal{O}(4; \{12^7, 6^2, 4, 3, 2^2\})$	18822878724096
12	$\mathcal{O}(4; \{12^7, 6^4, 4\})$	37535682134016
12	$\mathcal{O}(4; \{12^8, 3, 2^5\})$	9356401704960
12	$\mathcal{O}(4; \{12^8, 3^4, 2\})$	75181439582208
12	$\mathcal{O}(4; \{12^8, 4^2, 3, 2^2\})$	37425606819840
12	$\mathcal{O}(4; \{12^8, 6, 3^2, 2^2\})$	37535682134016
12	$\mathcal{O}(4; \{12^8, 6^2, 2^3\})$	18822878724096
12	$\mathcal{O}(4; \{12^8, 6^2, 4^2\})$	75291514896384
12	$\mathcal{O}(4; \{12^8, 6^3, 3\})$	75181439582208
12	$\mathcal{O}(4; \{12^9, 4, 2^3\})$	37425606819840
12	$\mathcal{O}(4; \{12^9, 4^3\})$	149702427279360
12	$\mathcal{O}(4; \{12^9, 6, 4, 3\})$	150142728536064
12	$\mathcal{O}(4; \{12^{10}, 3^2\})$	300725758328832
12	$\mathcal{O}(4; \{12^{10}, 6, 2\})$	150142728536064
12	$\mathcal{O}(3; \{4^2, 2^{22}\})$	5963776
12	$\mathcal{O}(3; \{4^2, 3^3, 2^{18}\})$	11943936
12	$\mathcal{O}(3; \{4^2, 3^6, 2^{14}\})$	131383296
12	$\mathcal{O}(3; \{4^2, 3^9, 2^{10}\})$	1015234560
12	$\mathcal{O}(3; \{4^2, 3^{12}, 2^6\})$	8157708288
12	$\mathcal{O}(3; \{4^2, 3^{15}, 2^2\})$	65225834496
12	$\mathcal{O}(3; \{4^4, 2^{19}\})$	23855104
12	$\mathcal{O}(3; \{4^4, 3^3, 2^{15}\})$	47775744
12	$\mathcal{O}(3; \{4^4, 3^6, 2^{11}\})$	525533184
12	$\mathcal{O}(3; \{4^4, 3^9, 2^7\})$	4060938240
12	$\mathcal{O}(3; \{4^4, 3^{12}, 2^3\})$	32630833152
12	$\mathcal{O}(3; \{4^6, 2^{16}\})$	95420416
12	$\mathcal{O}(3; \{4^6, 3^3, 2^{12}\})$	191102976
12	$\mathcal{O}(3; \{4^6, 3^6, 2^8\})$	2102132736
12	$\mathcal{O}(3; \{4^6, 3^9, 2^4\})$	16243752960
12	$\mathcal{O}(3; \{4^6, 3^{12}\})$	130523332608
12	$\mathcal{O}(3; \{4^8, 2^{13}\})$	381681664
12	$\mathcal{O}(3; \{4^8, 3^3, 2^9\})$	764411904

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{4^8, 3^6, 2^5\})$	8408530944
12	$\mathcal{O}(3; \{4^8, 3^9, 2\})$	64975011840
12	$\mathcal{O}(3; \{4^{10}, 2^{10}\})$	1526726656
12	$\mathcal{O}(3; \{4^{10}, 3^3, 2^6\})$	3057647616
12	$\mathcal{O}(3; \{4^{10}, 3^6, 2^2\})$	33634123776
12	$\mathcal{O}(3; \{4^{12}, 2^7\})$	6106906624
12	$\mathcal{O}(3; \{4^{12}, 3^3, 2^3\})$	12230590464
12	$\mathcal{O}(3; \{4^{14}, 2^4\})$	24427626496
12	$\mathcal{O}(3; \{4^{14}, 3^3\})$	48922361856
12	$\mathcal{O}(3; \{4^{16}, 2\})$	97710505984
12	$\mathcal{O}(3; \{6, 4^2, 3, 2^{19}\})$	11943936
12	$\mathcal{O}(3; \{6, 4^2, 3^4, 2^{15}\})$	59719680
12	$\mathcal{O}(3; \{6, 4^2, 3^7, 2^{11}\})$	513589248
12	$\mathcal{O}(3; \{6, 4^2, 3^{10}, 2^7\})$	4072882176
12	$\mathcal{O}(3; \{6, 4^2, 3^{13}, 2^3\})$	32618889216
12	$\mathcal{O}(3; \{6, 4^4, 3, 2^{16}\})$	47775744
12	$\mathcal{O}(3; \{6, 4^4, 3^4, 2^{12}\})$	238878720
12	$\mathcal{O}(3; \{6, 4^4, 3^7, 2^8\})$	2054356992
12	$\mathcal{O}(3; \{6, 4^4, 3^{10}, 2^4\})$	16291528704
12	$\mathcal{O}(3; \{6, 4^4, 3^{13}\})$	130475556864
12	$\mathcal{O}(3; \{6, 4^6, 3, 2^{13}\})$	191102976
12	$\mathcal{O}(3; \{6, 4^6, 3^4, 2^9\})$	955514880
12	$\mathcal{O}(3; \{6, 4^6, 3^7, 2^5\})$	8217427968
12	$\mathcal{O}(3; \{6, 4^6, 3^{10}, 2\})$	65166114816
12	$\mathcal{O}(3; \{6, 4^8, 3, 2^{10}\})$	764411904
12	$\mathcal{O}(3; \{6, 4^8, 3^4, 2^6\})$	3822059520
12	$\mathcal{O}(3; \{6, 4^8, 3^7, 2^2\})$	32869711872
12	$\mathcal{O}(3; \{6, 4^{10}, 3, 2^7\})$	3057647616
12	$\mathcal{O}(3; \{6, 4^{10}, 3^4, 2^3\})$	15288238080
12	$\mathcal{O}(3; \{6, 4^{12}, 3, 2^4\})$	12230590464
12	$\mathcal{O}(3; \{6, 4^{12}, 3^4\})$	61152952320
12	$\mathcal{O}(3; \{6, 4^{14}, 3, 2\})$	48922361856
12	$\mathcal{O}(3; \{6^2, 4^2, 3^2, 2^{16}\})$	35831808
12	$\mathcal{O}(3; \{6^2, 4^2, 3^5, 2^{12}\})$	250822656
12	$\mathcal{O}(3; \{6^2, 4^2, 3^8, 2^8\})$	2042413056
12	$\mathcal{O}(3; \{6^2, 4^2, 3^{11}, 2^4\})$	16303472640
12	$\mathcal{O}(3; \{6^2, 4^2, 3^{14}\})$	130463612928
12	$\mathcal{O}(3; \{6^2, 4^4, 3^2, 2^{13}\})$	143327232
12	$\mathcal{O}(3; \{6^2, 4^4, 3^5, 2^9\})$	1003290624
12	$\mathcal{O}(3; \{6^2, 4^4, 3^8, 2^5\})$	8169652224
12	$\mathcal{O}(3; \{6^2, 4^4, 3^{11}, 2\})$	65213890560
12	$\mathcal{O}(3; \{6^2, 4^6, 3^2, 2^{10}\})$	573308928
12	$\mathcal{O}(3; \{6^2, 4^6, 3^5, 2^6\})$	4013162496

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{6^2, 4^6, 3^8, 2^2\})$	32678608896
12	$\mathcal{O}(3; \{6^2, 4^8, 3^2, 2^7\})$	2293235712
12	$\mathcal{O}(3; \{6^2, 4^8, 3^5, 2^3\})$	16052649984
12	$\mathcal{O}(3; \{6^2, 4^{10}, 3^2, 2^4\})$	9172942848
12	$\mathcal{O}(3; \{6^2, 4^{10}, 3^5\})$	64210599936
12	$\mathcal{O}(3; \{6^2, 4^{12}, 3^2, 2\})$	36691771392
12	$\mathcal{O}(3; \{6^3, 4^2, 2^{17}\})$	11943936
12	$\mathcal{O}(3; \{6^3, 4^2, 3^3, 2^{13}\})$	131383296
12	$\mathcal{O}(3; \{6^3, 4^2, 3^6, 2^9\})$	1015234560
12	$\mathcal{O}(3; \{6^3, 4^2, 3^9, 2^5\})$	8157708288
12	$\mathcal{O}(3; \{6^3, 4^2, 3^{12}, 2\})$	65225834496
12	$\mathcal{O}(3; \{6^3, 4^4, 2^{14}\})$	47775744
12	$\mathcal{O}(3; \{6^3, 4^4, 3^3, 2^{10}\})$	525533184
12	$\mathcal{O}(3; \{6^3, 4^4, 3^6, 2^6\})$	4060938240
12	$\mathcal{O}(3; \{6^3, 4^4, 3^9, 2^2\})$	32630833152
12	$\mathcal{O}(3; \{6^3, 4^6, 2^{11}\})$	191102976
12	$\mathcal{O}(3; \{6^3, 4^6, 3^3, 2^7\})$	2102132736
12	$\mathcal{O}(3; \{6^3, 4^6, 3^6, 2^3\})$	16243752960
12	$\mathcal{O}(3; \{6^3, 4^8, 2^8\})$	764411904
12	$\mathcal{O}(3; \{6^3, 4^8, 3^3, 2^4\})$	8408530944
12	$\mathcal{O}(3; \{6^3, 4^8, 3^6\})$	64975011840
12	$\mathcal{O}(3; \{6^3, 4^{10}, 2^5\})$	3057647616
12	$\mathcal{O}(3; \{6^3, 4^{10}, 3^3, 2\})$	33634123776
12	$\mathcal{O}(3; \{6^3, 4^{12}, 2^2\})$	12230590464
12	$\mathcal{O}(3; \{6^4, 4^2, 3, 2^{14}\})$	59719680
12	$\mathcal{O}(3; \{6^4, 4^2, 3^4, 2^{10}\})$	513589248
12	$\mathcal{O}(3; \{6^4, 4^2, 3^7, 2^6\})$	4072882176
12	$\mathcal{O}(3; \{6^4, 4^2, 3^{10}, 2^2\})$	32618889216
12	$\mathcal{O}(3; \{6^4, 4^4, 3, 2^{11}\})$	238878720
12	$\mathcal{O}(3; \{6^4, 4^4, 3^4, 2^7\})$	2054356992
12	$\mathcal{O}(3; \{6^4, 4^4, 3^7, 2^3\})$	16291528704
12	$\mathcal{O}(3; \{6^4, 4^6, 3, 2^8\})$	955514880
12	$\mathcal{O}(3; \{6^4, 4^6, 3^4, 2^4\})$	8217427968
12	$\mathcal{O}(3; \{6^4, 4^6, 3^7\})$	65166114816
12	$\mathcal{O}(3; \{6^4, 4^8, 3, 2^5\})$	3822059520
12	$\mathcal{O}(3; \{6^4, 4^8, 3^4, 2\})$	32869711872
12	$\mathcal{O}(3; \{6^4, 4^{10}, 3, 2^2\})$	15288238080
12	$\mathcal{O}(3; \{6^5, 4^2, 3^2, 2^{11}\})$	250822656
12	$\mathcal{O}(3; \{6^5, 4^2, 3^5, 2^7\})$	2042413056
12	$\mathcal{O}(3; \{6^5, 4^2, 3^8, 2^3\})$	16303472640
12	$\mathcal{O}(3; \{6^5, 4^4, 3^2, 2^8\})$	1003290624
12	$\mathcal{O}(3; \{6^5, 4^4, 3^5, 2^4\})$	8169652224
12	$\mathcal{O}(3; \{6^5, 4^4, 3^8\})$	65213890560

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{6^5, 4^6, 3^2, 2^5\})$	4013162496
12	$\mathcal{O}(3; \{6^5, 4^6, 3^5, 2\})$	32678608896
12	$\mathcal{O}(3; \{6^5, 4^8, 3^2, 2^2\})$	16052649984
12	$\mathcal{O}(3; \{6^6, 4^2, 2^{12}\})$	131383296
12	$\mathcal{O}(3; \{6^6, 4^2, 3^3, 2^8\})$	1015234560
12	$\mathcal{O}(3; \{6^6, 4^2, 3^6, 2^4\})$	8157708288
12	$\mathcal{O}(3; \{6^6, 4^2, 3^9\})$	65225834496
12	$\mathcal{O}(3; \{6^6, 4^4, 2^9\})$	525533184
12	$\mathcal{O}(3; \{6^6, 4^4, 3^3, 2^5\})$	4060938240
12	$\mathcal{O}(3; \{6^6, 4^4, 3^6, 2\})$	32630833152
12	$\mathcal{O}(3; \{6^6, 4^6, 2^6\})$	2102132736
12	$\mathcal{O}(3; \{6^6, 4^6, 3^3, 2^2\})$	16243752960
12	$\mathcal{O}(3; \{6^6, 4^8, 2^3\})$	8408530944
12	$\mathcal{O}(3; \{6^6, 4^{10}\})$	33634123776
12	$\mathcal{O}(3; \{6^7, 4^2, 3, 2^9\})$	513589248
12	$\mathcal{O}(3; \{6^7, 4^2, 3^4, 2^5\})$	4072882176
12	$\mathcal{O}(3; \{6^7, 4^2, 3^7, 2\})$	32618889216
12	$\mathcal{O}(3; \{6^7, 4^4, 3, 2^6\})$	2054356992
12	$\mathcal{O}(3; \{6^7, 4^4, 3^4, 2^2\})$	16291528704
12	$\mathcal{O}(3; \{6^7, 4^6, 3, 2^3\})$	8217427968
12	$\mathcal{O}(3; \{6^7, 4^8, 3\})$	32869711872
12	$\mathcal{O}(3; \{6^8, 4^2, 3^2, 2^6\})$	2042413056
12	$\mathcal{O}(3; \{6^8, 4^2, 3^5, 2^2\})$	16303472640
12	$\mathcal{O}(3; \{6^8, 4^4, 3^2, 2^3\})$	8169652224
12	$\mathcal{O}(3; \{6^8, 4^6, 3^2\})$	32678608896
12	$\mathcal{O}(3; \{6^9, 4^2, 2^7\})$	1015234560
12	$\mathcal{O}(3; \{6^9, 4^2, 3^3, 2^3\})$	8157708288
12	$\mathcal{O}(3; \{6^9, 4^4, 2^4\})$	4060938240
12	$\mathcal{O}(3; \{6^9, 4^4, 3^3\})$	32630833152
12	$\mathcal{O}(3; \{6^9, 4^6, 2\})$	16243752960
12	$\mathcal{O}(3; \{6^{10}, 4^2, 3, 2^4\})$	4072882176
12	$\mathcal{O}(3; \{6^{10}, 4^2, 3^4\})$	32618889216
12	$\mathcal{O}(3; \{6^{10}, 4^4, 3, 2\})$	16291528704
12	$\mathcal{O}(3; \{6^{11}, 4^2, 3^2, 2\})$	16303472640
12	$\mathcal{O}(3; \{6^{12}, 4^2, 2^2\})$	8157708288
12	$\mathcal{O}(3; \{12, 4, 3^2, 2^{19}\})$	11943936
12	$\mathcal{O}(3; \{12, 4, 3^5, 2^{15}\})$	131383296
12	$\mathcal{O}(3; \{12, 4, 3^8, 2^{11}\})$	1015234560
12	$\mathcal{O}(3; \{12, 4, 3^{11}, 2^7\})$	8157708288
12	$\mathcal{O}(3; \{12, 4, 3^{14}, 2^3\})$	65225834496
12	$\mathcal{O}(3; \{12, 4^3, 3^2, 2^{16}\})$	47775744
12	$\mathcal{O}(3; \{12, 4^3, 3^5, 2^{12}\})$	525533184
12	$\mathcal{O}(3; \{12, 4^3, 3^8, 2^8\})$	4060938240

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12, 4^3, 3^{11}, 2^4\})$	32630833152
12	$\mathcal{O}(3; \{12, 4^3, 3^{14}\})$	260903337984
12	$\mathcal{O}(3; \{12, 4^5, 3^2, 2^{13}\})$	191102976
12	$\mathcal{O}(3; \{12, 4^5, 3^5, 2^9\})$	2102132736
12	$\mathcal{O}(3; \{12, 4^5, 3^8, 2^5\})$	16243752960
12	$\mathcal{O}(3; \{12, 4^5, 3^{11}, 2\})$	130523332608
12	$\mathcal{O}(3; \{12, 4^7, 3^2, 2^{10}\})$	764411904
12	$\mathcal{O}(3; \{12, 4^7, 3^5, 2^6\})$	8408530944
12	$\mathcal{O}(3; \{12, 4^7, 3^8, 2^2\})$	64975011840
12	$\mathcal{O}(3; \{12, 4^9, 3^2, 2^7\})$	3057647616
12	$\mathcal{O}(3; \{12, 4^9, 3^5, 2^3\})$	33634123776
12	$\mathcal{O}(3; \{12, 4^{11}, 3^2, 2^4\})$	12230590464
12	$\mathcal{O}(3; \{12, 4^{11}, 3^5\})$	134536495104
12	$\mathcal{O}(3; \{12, 4^{13}, 3^2, 2\})$	48922361856
12	$\mathcal{O}(3; \{12, 6, 4, 2^{20}\})$	11943936
12	$\mathcal{O}(3; \{12, 6, 4, 3^3, 2^{16}\})$	59719680
12	$\mathcal{O}(3; \{12, 6, 4, 3^6, 2^{12}\})$	513589248
12	$\mathcal{O}(3; \{12, 6, 4, 3^9, 2^8\})$	4072882176
12	$\mathcal{O}(3; \{12, 6, 4, 3^{12}, 2^4\})$	32618889216
12	$\mathcal{O}(3; \{12, 6, 4, 3^{15}\})$	260915281920
12	$\mathcal{O}(3; \{12, 6, 4^3, 2^{17}\})$	47775744
12	$\mathcal{O}(3; \{12, 6, 4^3, 3^3, 2^{13}\})$	238878720
12	$\mathcal{O}(3; \{12, 6, 4^3, 3^6, 2^9\})$	2054356992
12	$\mathcal{O}(3; \{12, 6, 4^3, 3^9, 2^5\})$	16291528704
12	$\mathcal{O}(3; \{12, 6, 4^3, 3^{12}, 2\})$	130475556864
12	$\mathcal{O}(3; \{12, 6, 4^5, 2^{14}\})$	191102976
12	$\mathcal{O}(3; \{12, 6, 4^5, 3^3, 2^{10}\})$	955514880
12	$\mathcal{O}(3; \{12, 6, 4^5, 3^6, 2^6\})$	8217427968
12	$\mathcal{O}(3; \{12, 6, 4^5, 3^9, 2^2\})$	65166114816
12	$\mathcal{O}(3; \{12, 6, 4^7, 2^{11}\})$	764411904
12	$\mathcal{O}(3; \{12, 6, 4^7, 3^3, 2^7\})$	3822059520
12	$\mathcal{O}(3; \{12, 6, 4^7, 3^6, 2^3\})$	32869711872
12	$\mathcal{O}(3; \{12, 6, 4^9, 2^8\})$	3057647616
12	$\mathcal{O}(3; \{12, 6, 4^9, 3^3, 2^4\})$	15288238080
12	$\mathcal{O}(3; \{12, 6, 4^9, 3^6\})$	131478847488
12	$\mathcal{O}(3; \{12, 6, 4^{11}, 2^5\})$	12230590464
12	$\mathcal{O}(3; \{12, 6, 4^{11}, 3^3, 2\})$	61152952320
12	$\mathcal{O}(3; \{12, 6, 4^{13}, 2^2\})$	48922361856
12	$\mathcal{O}(3; \{12, 6^2, 4, 3, 2^{17}\})$	35831808
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^4, 2^{13}\})$	250822656
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^7, 2^9\})$	2042413056
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^{10}, 2^5\})$	16303472640
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^{13}, 2\})$	130463612928

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 3, 2^{14}\})$	143327232
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 3^4, 2^{10}\})$	1003290624
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 3^7, 2^6\})$	8169652224
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 3^{10}, 2^2\})$	65213890560
12	$\mathcal{O}(3; \{12, 6^2, 4^5, 3, 2^{11}\})$	573308928
12	$\mathcal{O}(3; \{12, 6^2, 4^5, 3^4, 2^7\})$	4013162496
12	$\mathcal{O}(3; \{12, 6^2, 4^5, 3^7, 2^3\})$	32678608896
12	$\mathcal{O}(3; \{12, 6^2, 4^7, 3, 2^8\})$	2293235712
12	$\mathcal{O}(3; \{12, 6^2, 4^7, 3^4, 2^4\})$	16052649984
12	$\mathcal{O}(3; \{12, 6^2, 4^7, 3^7\})$	130714435584
12	$\mathcal{O}(3; \{12, 6^2, 4^9, 3, 2^5\})$	9172942848
12	$\mathcal{O}(3; \{12, 6^2, 4^9, 3^4, 2\})$	64210599936
12	$\mathcal{O}(3; \{12, 6^2, 4^{11}, 3, 2^2\})$	36691771392
12	$\mathcal{O}(3; \{12, 6^3, 4, 3^2, 2^{14}\})$	131383296
12	$\mathcal{O}(3; \{12, 6^3, 4, 3^5, 2^{10}\})$	1015234560
12	$\mathcal{O}(3; \{12, 6^3, 4, 3^8, 2^6\})$	8157708288
12	$\mathcal{O}(3; \{12, 6^3, 4, 3^{11}, 2^2\})$	65225834496
12	$\mathcal{O}(3; \{12, 6^3, 4^3, 3^2, 2^{11}\})$	525533184
12	$\mathcal{O}(3; \{12, 6^3, 4^3, 3^5, 2^7\})$	4060938240
12	$\mathcal{O}(3; \{12, 6^3, 4^3, 3^8, 2^3\})$	32630833152
12	$\mathcal{O}(3; \{12, 6^3, 4^5, 3^2, 2^8\})$	2102132736
12	$\mathcal{O}(3; \{12, 6^3, 4^5, 3^5, 2^4\})$	16243752960
12	$\mathcal{O}(3; \{12, 6^3, 4^5, 3^8\})$	130523332608
12	$\mathcal{O}(3; \{12, 6^3, 4^7, 3^2, 2^5\})$	8408530944
12	$\mathcal{O}(3; \{12, 6^3, 4^7, 3^5, 2\})$	64975011840
12	$\mathcal{O}(3; \{12, 6^3, 4^9, 3^2, 2^2\})$	33634123776
12	$\mathcal{O}(3; \{12, 6^4, 4, 2^{15}\})$	59719680
12	$\mathcal{O}(3; \{12, 6^4, 4, 3^3, 2^{11}\})$	513589248
12	$\mathcal{O}(3; \{12, 6^4, 4, 3^6, 2^7\})$	4072882176
12	$\mathcal{O}(3; \{12, 6^4, 4, 3^9, 2^3\})$	32618889216
12	$\mathcal{O}(3; \{12, 6^4, 4^3, 2^{12}\})$	238878720
12	$\mathcal{O}(3; \{12, 6^4, 4^3, 3^3, 2^8\})$	2054356992
12	$\mathcal{O}(3; \{12, 6^4, 4^3, 3^6, 2^4\})$	16291528704
12	$\mathcal{O}(3; \{12, 6^4, 4^3, 3^9\})$	130475556864
12	$\mathcal{O}(3; \{12, 6^4, 4^5, 2^9\})$	955514880
12	$\mathcal{O}(3; \{12, 6^4, 4^5, 3^3, 2^5\})$	8217427968
12	$\mathcal{O}(3; \{12, 6^4, 4^5, 3^6, 2\})$	65166114816
12	$\mathcal{O}(3; \{12, 6^4, 4^7, 2^6\})$	3822059520
12	$\mathcal{O}(3; \{12, 6^4, 4^7, 3^3, 2^2\})$	32869711872
12	$\mathcal{O}(3; \{12, 6^4, 4^9, 2^3\})$	15288238080
12	$\mathcal{O}(3; \{12, 6^4, 4^{11}\})$	61152952320
12	$\mathcal{O}(3; \{12, 6^5, 4, 3, 2^{12}\})$	250822656
12	$\mathcal{O}(3; \{12, 6^5, 4, 3^4, 2^8\})$	2042413056

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12, 6^5, 4, 3^7, 2^4\})$	16303472640
12	$\mathcal{O}(3; \{12, 6^5, 4, 3^{10}\})$	130463612928
12	$\mathcal{O}(3; \{12, 6^5, 4^3, 3, 2^9\})$	1003290624
12	$\mathcal{O}(3; \{12, 6^5, 4^3, 3^4, 2^5\})$	8169652224
12	$\mathcal{O}(3; \{12, 6^5, 4^3, 3^7, 2\})$	65213890560
12	$\mathcal{O}(3; \{12, 6^5, 4^5, 3, 2^6\})$	4013162496
12	$\mathcal{O}(3; \{12, 6^5, 4^5, 3^4, 2^2\})$	32678608896
12	$\mathcal{O}(3; \{12, 6^5, 4^7, 3, 2^3\})$	16052649984
12	$\mathcal{O}(3; \{12, 6^5, 4^9, 3\})$	64210599936
12	$\mathcal{O}(3; \{12, 6^6, 4, 3^2, 2^9\})$	1015234560
12	$\mathcal{O}(3; \{12, 6^6, 4, 3^5, 2^5\})$	8157708288
12	$\mathcal{O}(3; \{12, 6^6, 4, 3^8, 2\})$	65225834496
12	$\mathcal{O}(3; \{12, 6^6, 4^3, 3^2, 2^6\})$	4060938240
12	$\mathcal{O}(3; \{12, 6^6, 4^3, 3^5, 2^2\})$	32630833152
12	$\mathcal{O}(3; \{12, 6^6, 4^5, 3^2, 2^3\})$	16243752960
12	$\mathcal{O}(3; \{12, 6^6, 4^7, 3^2\})$	64975011840
12	$\mathcal{O}(3; \{12, 6^7, 4, 2^{10}\})$	513589248
12	$\mathcal{O}(3; \{12, 6^7, 4, 3^3, 2^6\})$	4072882176
12	$\mathcal{O}(3; \{12, 6^7, 4, 3^6, 2^2\})$	32618889216
12	$\mathcal{O}(3; \{12, 6^7, 4^3, 2^7\})$	2054356992
12	$\mathcal{O}(3; \{12, 6^7, 4^3, 3^3, 2^3\})$	16291528704
12	$\mathcal{O}(3; \{12, 6^7, 4^5, 2^4\})$	8217427968
12	$\mathcal{O}(3; \{12, 6^7, 4^5, 3^3\})$	65166114816
12	$\mathcal{O}(3; \{12, 6^7, 4^7, 2\})$	32869711872
12	$\mathcal{O}(3; \{12, 6^8, 4, 3, 2^7\})$	2042413056
12	$\mathcal{O}(3; \{12, 6^8, 4, 3^4, 2^3\})$	16303472640
12	$\mathcal{O}(3; \{12, 6^8, 4^3, 3, 2^4\})$	8169652224
12	$\mathcal{O}(3; \{12, 6^8, 4^3, 3^4\})$	65213890560
12	$\mathcal{O}(3; \{12, 6^8, 4^5, 3, 2\})$	32678608896
12	$\mathcal{O}(3; \{12, 6^9, 4, 3^2, 2^4\})$	8157708288
12	$\mathcal{O}(3; \{12, 6^9, 4, 3^5\})$	65225834496
12	$\mathcal{O}(3; \{12, 6^9, 4^3, 3^2, 2\})$	32630833152
12	$\mathcal{O}(3; \{12, 6^{10}, 4, 2^5\})$	4072882176
12	$\mathcal{O}(3; \{12, 6^{10}, 4, 3^3, 2\})$	32618889216
12	$\mathcal{O}(3; \{12, 6^{10}, 4^3, 2^2\})$	16291528704
12	$\mathcal{O}(3; \{12, 6^{11}, 4, 3, 2^2\})$	16303472640
12	$\mathcal{O}(3; \{12, 6^{13}, 4\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 3, 2^{20}\})$	11943936
12	$\mathcal{O}(3; \{12^2, 3^4, 2^{16}\})$	131383296
12	$\mathcal{O}(3; \{12^2, 3^7, 2^{12}\})$	1015234560
12	$\mathcal{O}(3; \{12^2, 3^{10}, 2^8\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 3^{13}, 2^4\})$	65225834496
12	$\mathcal{O}(3; \{12^2, 3^{16}\})$	521842507776

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^2, 4^2, 3, 2^{17}\})$	47775744
12	$\mathcal{O}(3; \{12^2, 4^2, 3^4, 2^{13}\})$	525533184
12	$\mathcal{O}(3; \{12^2, 4^2, 3^7, 2^9\})$	4060938240
12	$\mathcal{O}(3; \{12^2, 4^2, 3^{10}, 2^5\})$	32630833152
12	$\mathcal{O}(3; \{12^2, 4^2, 3^{13}, 2\})$	260903337984
12	$\mathcal{O}(3; \{12^2, 4^4, 3, 2^{14}\})$	191102976
12	$\mathcal{O}(3; \{12^2, 4^4, 3^4, 2^{10}\})$	2102132736
12	$\mathcal{O}(3; \{12^2, 4^4, 3^7, 2^6\})$	16243752960
12	$\mathcal{O}(3; \{12^2, 4^4, 3^{10}, 2^2\})$	130523332608
12	$\mathcal{O}(3; \{12^2, 4^6, 3, 2^{11}\})$	764411904
12	$\mathcal{O}(3; \{12^2, 4^6, 3^4, 2^7\})$	8408530944
12	$\mathcal{O}(3; \{12^2, 4^6, 3^7, 2^3\})$	64975011840
12	$\mathcal{O}(3; \{12^2, 4^8, 3, 2^8\})$	3057647616
12	$\mathcal{O}(3; \{12^2, 4^8, 3^4, 2^4\})$	33634123776
12	$\mathcal{O}(3; \{12^2, 4^8, 3^7\})$	259900047360
12	$\mathcal{O}(3; \{12^2, 4^{10}, 3, 2^5\})$	12230590464
12	$\mathcal{O}(3; \{12^2, 4^{10}, 3^4, 2\})$	134536495104
12	$\mathcal{O}(3; \{12^2, 4^{12}, 3, 2^2\})$	48922361856
12	$\mathcal{O}(3; \{12^2, 6, 3^2, 2^{17}\})$	59719680
12	$\mathcal{O}(3; \{12^2, 6, 3^5, 2^{13}\})$	513589248
12	$\mathcal{O}(3; \{12^2, 6, 3^8, 2^9\})$	4072882176
12	$\mathcal{O}(3; \{12^2, 6, 3^{11}, 2^5\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 6, 3^{14}, 2\})$	260915281920
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3^2, 2^{14}\})$	238878720
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3^5, 2^{10}\})$	2054356992
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3^8, 2^6\})$	16291528704
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3^{11}, 2^2\})$	130475556864
12	$\mathcal{O}(3; \{12^2, 6, 4^4, 3^2, 2^{11}\})$	955514880
12	$\mathcal{O}(3; \{12^2, 6, 4^4, 3^5, 2^7\})$	8217427968
12	$\mathcal{O}(3; \{12^2, 6, 4^4, 3^8, 2^3\})$	65166114816
12	$\mathcal{O}(3; \{12^2, 6, 4^6, 3^2, 2^8\})$	3822059520
12	$\mathcal{O}(3; \{12^2, 6, 4^6, 3^5, 2^4\})$	32869711872
12	$\mathcal{O}(3; \{12^2, 6, 4^6, 3^8\})$	260664459264
12	$\mathcal{O}(3; \{12^2, 6, 4^8, 3^2, 2^5\})$	15288238080
12	$\mathcal{O}(3; \{12^2, 6, 4^8, 3^5, 2\})$	131478847488
12	$\mathcal{O}(3; \{12^2, 6, 4^{10}, 3^2, 2^2\})$	61152952320
12	$\mathcal{O}(3; \{12^2, 6^2, 2^{18}\})$	35831808
12	$\mathcal{O}(3; \{12^2, 6^2, 3^3, 2^{14}\})$	250822656
12	$\mathcal{O}(3; \{12^2, 6^2, 3^6, 2^{10}\})$	2042413056
12	$\mathcal{O}(3; \{12^2, 6^2, 3^9, 2^6\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 6^2, 3^{12}, 2^2\})$	130463612928
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 2^{15}\})$	143327232
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 3^3, 2^{11}\})$	1003290624

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 3^6, 2^7\})$	8169652224
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 3^9, 2^3\})$	65213890560
12	$\mathcal{O}(3; \{12^2, 6^2, 4^4, 2^{12}\})$	573308928
12	$\mathcal{O}(3; \{12^2, 6^2, 4^4, 3^3, 2^8\})$	4013162496
12	$\mathcal{O}(3; \{12^2, 6^2, 4^4, 3^6, 2^4\})$	32678608896
12	$\mathcal{O}(3; \{12^2, 6^2, 4^4, 3^9\})$	260855562240
12	$\mathcal{O}(3; \{12^2, 6^2, 4^6, 2^9\})$	2293235712
12	$\mathcal{O}(3; \{12^2, 6^2, 4^6, 3^3, 2^5\})$	16052649984
12	$\mathcal{O}(3; \{12^2, 6^2, 4^6, 3^6, 2\})$	130714435584
12	$\mathcal{O}(3; \{12^2, 6^2, 4^8, 2^6\})$	9172942848
12	$\mathcal{O}(3; \{12^2, 6^2, 4^8, 3^3, 2^2\})$	64210599936
12	$\mathcal{O}(3; \{12^2, 6^2, 4^{10}, 2^3\})$	36691771392
12	$\mathcal{O}(3; \{12^2, 6^2, 4^{12}\})$	146767085568
12	$\mathcal{O}(3; \{12^2, 6^3, 3, 2^{15}\})$	131383296
12	$\mathcal{O}(3; \{12^2, 6^3, 3^4, 2^{11}\})$	1015234560
12	$\mathcal{O}(3; \{12^2, 6^3, 3^7, 2^7\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 6^3, 3^{10}, 2^3\})$	65225834496
12	$\mathcal{O}(3; \{12^2, 6^3, 4^2, 3, 2^{12}\})$	525533184
12	$\mathcal{O}(3; \{12^2, 6^3, 4^2, 3^4, 2^8\})$	4060938240
12	$\mathcal{O}(3; \{12^2, 6^3, 4^2, 3^7, 2^4\})$	32630833152
12	$\mathcal{O}(3; \{12^2, 6^3, 4^2, 3^{10}\})$	260903337984
12	$\mathcal{O}(3; \{12^2, 6^3, 4^4, 3, 2^9\})$	2102132736
12	$\mathcal{O}(3; \{12^2, 6^3, 4^4, 3^4, 2^5\})$	16243752960
12	$\mathcal{O}(3; \{12^2, 6^3, 4^4, 3^7, 2\})$	130523332608
12	$\mathcal{O}(3; \{12^2, 6^3, 4^6, 3, 2^6\})$	8408530944
12	$\mathcal{O}(3; \{12^2, 6^3, 4^6, 3^4, 2^2\})$	64975011840
12	$\mathcal{O}(3; \{12^2, 6^3, 4^8, 3, 2^3\})$	33634123776
12	$\mathcal{O}(3; \{12^2, 6^3, 4^{10}, 3\})$	134536495104
12	$\mathcal{O}(3; \{12^2, 6^4, 3^2, 2^{12}\})$	513589248
12	$\mathcal{O}(3; \{12^2, 6^4, 3^5, 2^8\})$	4072882176
12	$\mathcal{O}(3; \{12^2, 6^4, 3^8, 2^4\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 6^4, 3^{11}\})$	260915281920
12	$\mathcal{O}(3; \{12^2, 6^4, 4^2, 3^2, 2^9\})$	2054356992
12	$\mathcal{O}(3; \{12^2, 6^4, 4^2, 3^5, 2^5\})$	16291528704
12	$\mathcal{O}(3; \{12^2, 6^4, 4^2, 3^8, 2\})$	130475556864
12	$\mathcal{O}(3; \{12^2, 6^4, 4^4, 3^2, 2^6\})$	8217427968
12	$\mathcal{O}(3; \{12^2, 6^4, 4^4, 3^5, 2^2\})$	65166114816
12	$\mathcal{O}(3; \{12^2, 6^4, 4^6, 3^2, 2^3\})$	32869711872
12	$\mathcal{O}(3; \{12^2, 6^4, 4^8, 3^2\})$	131478847488
12	$\mathcal{O}(3; \{12^2, 6^5, 2^{13}\})$	250822656
12	$\mathcal{O}(3; \{12^2, 6^5, 3^3, 2^9\})$	2042413056
12	$\mathcal{O}(3; \{12^2, 6^5, 3^6, 2^5\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 6^5, 3^9, 2\})$	130463612928

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^2, 6^5, 4^2, 2^{10}\})$	1003290624
12	$\mathcal{O}(3; \{12^2, 6^5, 4^2, 3^3, 2^6\})$	8169652224
12	$\mathcal{O}(3; \{12^2, 6^5, 4^2, 3^6, 2^2\})$	65213890560
12	$\mathcal{O}(3; \{12^2, 6^5, 4^4, 2^7\})$	4013162496
12	$\mathcal{O}(3; \{12^2, 6^5, 4^4, 3^3, 2^3\})$	32678608896
12	$\mathcal{O}(3; \{12^2, 6^5, 4^6, 2^4\})$	16052649984
12	$\mathcal{O}(3; \{12^2, 6^5, 4^6, 3^3\})$	130714435584
12	$\mathcal{O}(3; \{12^2, 6^5, 4^8, 2\})$	64210599936
12	$\mathcal{O}(3; \{12^2, 6^6, 3, 2^{10}\})$	1015234560
12	$\mathcal{O}(3; \{12^2, 6^6, 3^4, 2^6\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 6^6, 3^7, 2^2\})$	65225834496
12	$\mathcal{O}(3; \{12^2, 6^6, 4^2, 3, 2^7\})$	4060938240
12	$\mathcal{O}(3; \{12^2, 6^6, 4^2, 3^4, 2^3\})$	32630833152
12	$\mathcal{O}(3; \{12^2, 6^6, 4^4, 3, 2^4\})$	16243752960
12	$\mathcal{O}(3; \{12^2, 6^6, 4^4, 3^4\})$	130523332608
12	$\mathcal{O}(3; \{12^2, 6^6, 4^6, 3, 2\})$	64975011840
12	$\mathcal{O}(3; \{12^2, 6^7, 3^2, 2^7\})$	4072882176
12	$\mathcal{O}(3; \{12^2, 6^7, 3^5, 2^3\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 6^7, 4^2, 3^2, 2^4\})$	16291528704
12	$\mathcal{O}(3; \{12^2, 6^7, 4^2, 3^5\})$	130475556864
12	$\mathcal{O}(3; \{12^2, 6^7, 4^4, 3^2, 2\})$	65166114816
12	$\mathcal{O}(3; \{12^2, 6^8, 2^8\})$	2042413056
12	$\mathcal{O}(3; \{12^2, 6^8, 3^3, 2^4\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 6^8, 3^6\})$	130463612928
12	$\mathcal{O}(3; \{12^2, 6^8, 4^2, 2^5\})$	8169652224
12	$\mathcal{O}(3; \{12^2, 6^8, 4^2, 3^3, 2\})$	65213890560
12	$\mathcal{O}(3; \{12^2, 6^8, 4^4, 2^2\})$	32678608896
12	$\mathcal{O}(3; \{12^2, 6^9, 3, 2^5\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 6^9, 3^4, 2\})$	65225834496
12	$\mathcal{O}(3; \{12^2, 6^9, 4^2, 3, 2^2\})$	32630833152
12	$\mathcal{O}(3; \{12^2, 6^{10}, 3^2, 2^2\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 6^{11}, 2^3\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 6^{11}, 4^2\})$	65213890560
12	$\mathcal{O}(3; \{12^2, 6^{12}, 3\})$	65225834496
12	$\mathcal{O}(3; \{12^3, 4, 2^{18}\})$	47775744
12	$\mathcal{O}(3; \{12^3, 4, 3^3, 2^{14}\})$	525533184
12	$\mathcal{O}(3; \{12^3, 4, 3^6, 2^{10}\})$	4060938240
12	$\mathcal{O}(3; \{12^3, 4, 3^9, 2^6\})$	32630833152
12	$\mathcal{O}(3; \{12^3, 4, 3^{12}, 2^2\})$	260903337984
12	$\mathcal{O}(3; \{12^3, 4^3, 2^{15}\})$	191102976
12	$\mathcal{O}(3; \{12^3, 4^3, 3^3, 2^{11}\})$	2102132736
12	$\mathcal{O}(3; \{12^3, 4^3, 3^6, 2^7\})$	16243752960
12	$\mathcal{O}(3; \{12^3, 4^3, 3^9, 2^3\})$	130523332608

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(O), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^3, 4^5, 2^{12}\})$	764411904
12	$\mathcal{O}(3; \{12^3, 4^5, 3^3, 2^8\})$	8408530944
12	$\mathcal{O}(3; \{12^3, 4^5, 3^6, 2^4\})$	64975011840
12	$\mathcal{O}(3; \{12^3, 4^5, 3^9\})$	522093330432
12	$\mathcal{O}(3; \{12^3, 4^7, 2^9\})$	3057647616
12	$\mathcal{O}(3; \{12^3, 4^7, 3^3, 2^5\})$	33634123776
12	$\mathcal{O}(3; \{12^3, 4^7, 3^6, 2\})$	259900047360
12	$\mathcal{O}(3; \{12^3, 4^9, 2^6\})$	12230590464
12	$\mathcal{O}(3; \{12^3, 4^9, 3^3, 2^2\})$	134536495104
12	$\mathcal{O}(3; \{12^3, 4^{11}, 2^3\})$	48922361856
12	$\mathcal{O}(3; \{12^3, 4^{13}\})$	195689447424
12	$\mathcal{O}(3; \{12^3, 6, 4, 3, 2^{15}\})$	238878720
12	$\mathcal{O}(3; \{12^3, 6, 4, 3^4, 2^{11}\})$	2054356992
12	$\mathcal{O}(3; \{12^3, 6, 4, 3^7, 2^7\})$	16291528704
12	$\mathcal{O}(3; \{12^3, 6, 4, 3^{10}, 2^3\})$	130475556864
12	$\mathcal{O}(3; \{12^3, 6, 4^3, 3, 2^{12}\})$	955514880
12	$\mathcal{O}(3; \{12^3, 6, 4^3, 3^4, 2^8\})$	8217427968
12	$\mathcal{O}(3; \{12^3, 6, 4^3, 3^7, 2^4\})$	65166114816
12	$\mathcal{O}(3; \{12^3, 6, 4^3, 3^{10}\})$	521902227456
12	$\mathcal{O}(3; \{12^3, 6, 4^5, 3, 2^9\})$	3822059520
12	$\mathcal{O}(3; \{12^3, 6, 4^5, 3^4, 2^5\})$	32869711872
12	$\mathcal{O}(3; \{12^3, 6, 4^5, 3^7, 2\})$	260664459264
12	$\mathcal{O}(3; \{12^3, 6, 4^7, 3, 2^6\})$	15288238080
12	$\mathcal{O}(3; \{12^3, 6, 4^7, 3^4, 2^2\})$	131478847488
12	$\mathcal{O}(3; \{12^3, 6, 4^9, 3, 2^3\})$	61152952320
12	$\mathcal{O}(3; \{12^3, 6, 4^{11}, 3\})$	244611809280
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 3^2, 2^{12}\})$	1003290624
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 3^5, 2^8\})$	8169652224
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 3^8, 2^4\})$	65213890560
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 3^{11}\})$	521854451712
12	$\mathcal{O}(3; \{12^3, 6^2, 4^3, 3^2, 2^9\})$	4013162496
12	$\mathcal{O}(3; \{12^3, 6^2, 4^3, 3^5, 2^5\})$	32678608896
12	$\mathcal{O}(3; \{12^3, 6^2, 4^3, 3^8, 2\})$	260855562240
12	$\mathcal{O}(3; \{12^3, 6^2, 4^5, 3^2, 2^6\})$	16052649984
12	$\mathcal{O}(3; \{12^3, 6^2, 4^5, 3^5, 2^2\})$	130714435584
12	$\mathcal{O}(3; \{12^3, 6^2, 4^7, 3^2, 2^3\})$	64210599936
12	$\mathcal{O}(3; \{12^3, 6^2, 4^9, 3^2\})$	256842399744
12	$\mathcal{O}(3; \{12^3, 6^3, 4, 2^{13}\})$	525533184
12	$\mathcal{O}(3; \{12^3, 6^3, 4, 3^3, 2^9\})$	4060938240
12	$\mathcal{O}(3; \{12^3, 6^3, 4, 3^6, 2^5\})$	32630833152
12	$\mathcal{O}(3; \{12^3, 6^3, 4, 3^9, 2\})$	260903337984
12	$\mathcal{O}(3; \{12^3, 6^3, 4^3, 2^{10}\})$	2102132736
12	$\mathcal{O}(3; \{12^3, 6^3, 4^3, 3^3, 2^6\})$	16243752960

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^3, 6^3, 4^3, 3^6, 2^2\})$	130523332608
12	$\mathcal{O}(3; \{12^3, 6^3, 4^5, 2^7\})$	8408530944
12	$\mathcal{O}(3; \{12^3, 6^3, 4^5, 3^3, 2^3\})$	64975011840
12	$\mathcal{O}(3; \{12^3, 6^3, 4^7, 2^4\})$	33634123776
12	$\mathcal{O}(3; \{12^3, 6^3, 4^7, 3^3\})$	259900047360
12	$\mathcal{O}(3; \{12^3, 6^3, 4^9, 2\})$	134536495104
12	$\mathcal{O}(3; \{12^3, 6^4, 4, 3, 2^{10}\})$	2054356992
12	$\mathcal{O}(3; \{12^3, 6^4, 4, 3^4, 2^6\})$	16291528704
12	$\mathcal{O}(3; \{12^3, 6^4, 4, 3^7, 2^2\})$	130475556864
12	$\mathcal{O}(3; \{12^3, 6^4, 4^3, 3, 2^7\})$	8217427968
12	$\mathcal{O}(3; \{12^3, 6^4, 4^3, 3^4, 2^3\})$	65166114816
12	$\mathcal{O}(3; \{12^3, 6^4, 4^5, 3, 2^4\})$	32869711872
12	$\mathcal{O}(3; \{12^3, 6^4, 4^5, 3^4\})$	260664459264
12	$\mathcal{O}(3; \{12^3, 6^4, 4^7, 3, 2\})$	131478847488
12	$\mathcal{O}(3; \{12^3, 6^5, 4, 3^2, 2^7\})$	8169652224
12	$\mathcal{O}(3; \{12^3, 6^5, 4, 3^5, 2^3\})$	65213890560
12	$\mathcal{O}(3; \{12^3, 6^5, 4^3, 3^2, 2^4\})$	32678608896
12	$\mathcal{O}(3; \{12^3, 6^5, 4^3, 3^5\})$	260855562240
12	$\mathcal{O}(3; \{12^3, 6^5, 4^5, 3^2, 2\})$	130714435584
12	$\mathcal{O}(3; \{12^3, 6^6, 4, 2^8\})$	4060938240
12	$\mathcal{O}(3; \{12^3, 6^6, 4, 3^3, 2^4\})$	32630833152
12	$\mathcal{O}(3; \{12^3, 6^6, 4, 3^6\})$	260903337984
12	$\mathcal{O}(3; \{12^3, 6^6, 4^3, 2^5\})$	16243752960
12	$\mathcal{O}(3; \{12^3, 6^6, 4^3, 3^3, 2\})$	130523332608
12	$\mathcal{O}(3; \{12^3, 6^6, 4^5, 2^2\})$	64975011840
12	$\mathcal{O}(3; \{12^3, 6^7, 4, 3, 2^5\})$	16291528704
12	$\mathcal{O}(3; \{12^3, 6^7, 4, 3^4, 2\})$	130475556864
12	$\mathcal{O}(3; \{12^3, 6^7, 4^3, 3, 2^2\})$	65166114816
12	$\mathcal{O}(3; \{12^3, 6^8, 4, 3^2, 2^2\})$	65213890560
12	$\mathcal{O}(3; \{12^3, 6^9, 4, 2^3\})$	32630833152
12	$\mathcal{O}(3; \{12^3, 6^9, 4^3\})$	130523332608
12	$\mathcal{O}(3; \{12^3, 6^{10}, 4, 3\})$	130475556864
12	$\mathcal{O}(3; \{12^4, 3^2, 2^{15}\})$	525533184
12	$\mathcal{O}(3; \{12^4, 3^5, 2^{11}\})$	4060938240
12	$\mathcal{O}(3; \{12^4, 3^8, 2^7\})$	32630833152
12	$\mathcal{O}(3; \{12^4, 3^{11}, 2^3\})$	260903337984
12	$\mathcal{O}(3; \{12^4, 4^2, 3^2, 2^{12}\})$	2102132736
12	$\mathcal{O}(3; \{12^4, 4^2, 3^5, 2^8\})$	16243752960
12	$\mathcal{O}(3; \{12^4, 4^2, 3^8, 2^4\})$	130523332608
12	$\mathcal{O}(3; \{12^4, 4^2, 3^{11}\})$	1043613351936
12	$\mathcal{O}(3; \{12^4, 4^4, 3^2, 2^9\})$	8408530944
12	$\mathcal{O}(3; \{12^4, 4^4, 3^5, 2^5\})$	64975011840
12	$\mathcal{O}(3; \{12^4, 4^4, 3^8, 2\})$	522093330432

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^4, 4^6, 3^2, 2^6\})$	33634123776
12	$\mathcal{O}(3; \{12^4, 4^6, 3^5, 2^2\})$	259900047360
12	$\mathcal{O}(3; \{12^4, 4^8, 3^2, 2^3\})$	134536495104
12	$\mathcal{O}(3; \{12^4, 4^{10}, 3^2\})$	538145980416
12	$\mathcal{O}(3; \{12^4, 6, 2^{16}\})$	238878720
12	$\mathcal{O}(3; \{12^4, 6, 3^3, 2^{12}\})$	2054356992
12	$\mathcal{O}(3; \{12^4, 6, 3^6, 2^8\})$	16291528704
12	$\mathcal{O}(3; \{12^4, 6, 3^9, 2^4\})$	130475556864
12	$\mathcal{O}(3; \{12^4, 6, 3^{12}\})$	1043661127680
12	$\mathcal{O}(3; \{12^4, 6, 4^2, 2^{13}\})$	955514880
12	$\mathcal{O}(3; \{12^4, 6, 4^2, 3^3, 2^9\})$	8217427968
12	$\mathcal{O}(3; \{12^4, 6, 4^2, 3^6, 2^5\})$	65166114816
12	$\mathcal{O}(3; \{12^4, 6, 4^2, 3^9, 2\})$	521902227456
12	$\mathcal{O}(3; \{12^4, 6, 4^4, 2^{10}\})$	3822059520
12	$\mathcal{O}(3; \{12^4, 6, 4^4, 3^3, 2^6\})$	32869711872
12	$\mathcal{O}(3; \{12^4, 6, 4^4, 3^6, 2^2\})$	260664459264
12	$\mathcal{O}(3; \{12^4, 6, 4^6, 2^7\})$	15288238080
12	$\mathcal{O}(3; \{12^4, 6, 4^6, 3^3, 2^3\})$	131478847488
12	$\mathcal{O}(3; \{12^4, 6, 4^8, 2^4\})$	61152952320
12	$\mathcal{O}(3; \{12^4, 6, 4^8, 3^3\})$	525915389952
12	$\mathcal{O}(3; \{12^4, 6, 4^{10}, 2\})$	244611809280
12	$\mathcal{O}(3; \{12^4, 6^2, 3, 2^{13}\})$	1003290624
12	$\mathcal{O}(3; \{12^4, 6^2, 3^4, 2^9\})$	8169652224
12	$\mathcal{O}(3; \{12^4, 6^2, 3^7, 2^5\})$	65213890560
12	$\mathcal{O}(3; \{12^4, 6^2, 3^{10}, 2\})$	521854451712
12	$\mathcal{O}(3; \{12^4, 6^2, 4^2, 3, 2^{10}\})$	4013162496
12	$\mathcal{O}(3; \{12^4, 6^2, 4^2, 3^4, 2^6\})$	32678608896
12	$\mathcal{O}(3; \{12^4, 6^2, 4^2, 3^7, 2^2\})$	260855562240
12	$\mathcal{O}(3; \{12^4, 6^2, 4^4, 3, 2^7\})$	16052649984
12	$\mathcal{O}(3; \{12^4, 6^2, 4^4, 3^4, 2^3\})$	130714435584
12	$\mathcal{O}(3; \{12^4, 6^2, 4^6, 3, 2^4\})$	64210599936
12	$\mathcal{O}(3; \{12^4, 6^2, 4^6, 3^4\})$	522857742336
12	$\mathcal{O}(3; \{12^4, 6^2, 4^8, 3, 2\})$	256842399744
12	$\mathcal{O}(3; \{12^4, 6^3, 3^2, 2^{10}\})$	4060938240
12	$\mathcal{O}(3; \{12^4, 6^3, 3^5, 2^6\})$	32630833152
12	$\mathcal{O}(3; \{12^4, 6^3, 3^8, 2^2\})$	260903337984
12	$\mathcal{O}(3; \{12^4, 6^3, 4^2, 3^2, 2^7\})$	16243752960
12	$\mathcal{O}(3; \{12^4, 6^3, 4^2, 3^5, 2^3\})$	130523332608
12	$\mathcal{O}(3; \{12^4, 6^3, 4^4, 3^2, 2^4\})$	64975011840
12	$\mathcal{O}(3; \{12^4, 6^3, 4^4, 3^5\})$	522093330432
12	$\mathcal{O}(3; \{12^4, 6^3, 4^6, 3^2, 2\})$	259900047360
12	$\mathcal{O}(3; \{12^4, 6^4, 2^{11}\})$	2054356992
12	$\mathcal{O}(3; \{12^4, 6^4, 3^3, 2^7\})$	16291528704

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^4, 6^4, 3^6, 2^3\})$	130475556864
12	$\mathcal{O}(3; \{12^4, 6^4, 4^2, 2^8\})$	8217427968
12	$\mathcal{O}(3; \{12^4, 6^4, 4^2, 3^3, 2^4\})$	65166114816
12	$\mathcal{O}(3; \{12^4, 6^4, 4^2, 3^6\})$	521902227456
12	$\mathcal{O}(3; \{12^4, 6^4, 4^4, 2^5\})$	32869711872
12	$\mathcal{O}(3; \{12^4, 6^4, 4^4, 3^3, 2\})$	260664459264
12	$\mathcal{O}(3; \{12^4, 6^4, 4^6, 2^2\})$	131478847488
12	$\mathcal{O}(3; \{12^4, 6^5, 3, 2^8\})$	8169652224
12	$\mathcal{O}(3; \{12^4, 6^5, 3^4, 2^4\})$	65213890560
12	$\mathcal{O}(3; \{12^4, 6^5, 3^7\})$	521854451712
12	$\mathcal{O}(3; \{12^4, 6^5, 4^2, 3, 2^5\})$	32678608896
12	$\mathcal{O}(3; \{12^4, 6^5, 4^2, 3^4, 2\})$	260855562240
12	$\mathcal{O}(3; \{12^4, 6^5, 4^4, 3, 2^2\})$	130714435584
12	$\mathcal{O}(3; \{12^4, 6^6, 3^2, 2^5\})$	32630833152
12	$\mathcal{O}(3; \{12^4, 6^6, 3^5, 2\})$	260903337984
12	$\mathcal{O}(3; \{12^4, 6^6, 4^2, 3^2, 2^2\})$	130523332608
12	$\mathcal{O}(3; \{12^4, 6^7, 2^6\})$	16291528704
12	$\mathcal{O}(3; \{12^4, 6^7, 3^3, 2^2\})$	130475556864
12	$\mathcal{O}(3; \{12^4, 6^7, 4^2, 2^3\})$	65166114816
12	$\mathcal{O}(3; \{12^4, 6^7, 4^4\})$	260664459264
12	$\mathcal{O}(3; \{12^4, 6^8, 3, 2^3\})$	65213890560
12	$\mathcal{O}(3; \{12^4, 6^8, 4^2, 3\})$	260855562240
12	$\mathcal{O}(3; \{12^4, 6^9, 3^2\})$	260903337984
12	$\mathcal{O}(3; \{12^4, 6^{10}, 2\})$	130475556864
12	$\mathcal{O}(3; \{12^5, 4, 3, 2^{13}\})$	2102132736
12	$\mathcal{O}(3; \{12^5, 4, 3^4, 2^9\})$	16243752960
12	$\mathcal{O}(3; \{12^5, 4, 3^7, 2^5\})$	130523332608
12	$\mathcal{O}(3; \{12^5, 4, 3^{10}, 2\})$	1043613351936
12	$\mathcal{O}(3; \{12^5, 4^3, 3, 2^{10}\})$	8408530944
12	$\mathcal{O}(3; \{12^5, 4^3, 3^4, 2^6\})$	64975011840
12	$\mathcal{O}(3; \{12^5, 4^3, 3^7, 2^2\})$	522093330432
12	$\mathcal{O}(3; \{12^5, 4^5, 3, 2^7\})$	33634123776
12	$\mathcal{O}(3; \{12^5, 4^5, 3^4, 2^3\})$	259900047360
12	$\mathcal{O}(3; \{12^5, 4^7, 3, 2^4\})$	134536495104
12	$\mathcal{O}(3; \{12^5, 4^7, 3^4\})$	1039600189440
12	$\mathcal{O}(3; \{12^5, 4^9, 3, 2\})$	538145980416
12	$\mathcal{O}(3; \{12^5, 6, 4, 3^2, 2^{10}\})$	8217427968
12	$\mathcal{O}(3; \{12^5, 6, 4, 3^5, 2^6\})$	65166114816
12	$\mathcal{O}(3; \{12^5, 6, 4, 3^8, 2^2\})$	521902227456
12	$\mathcal{O}(3; \{12^5, 6, 4^3, 3^2, 2^7\})$	32869711872
12	$\mathcal{O}(3; \{12^5, 6, 4^3, 3^5, 2^3\})$	260664459264
12	$\mathcal{O}(3; \{12^5, 6, 4^5, 3^2, 2^4\})$	131478847488
12	$\mathcal{O}(3; \{12^5, 6, 4^5, 3^5\})$	1042657837056

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^5, 6, 4^7, 3^2, 2\})$	525915389952
12	$\mathcal{O}(3; \{12^5, 6^2, 4, 2^{11}\})$	4013162496
12	$\mathcal{O}(3; \{12^5, 6^2, 4, 3^3, 2^7\})$	32678608896
12	$\mathcal{O}(3; \{12^5, 6^2, 4, 3^6, 2^3\})$	260855562240
12	$\mathcal{O}(3; \{12^5, 6^2, 4^3, 2^8\})$	16052649984
12	$\mathcal{O}(3; \{12^5, 6^2, 4^3, 3^3, 2^4\})$	130714435584
12	$\mathcal{O}(3; \{12^5, 6^2, 4^3, 3^6\})$	1043422248960
12	$\mathcal{O}(3; \{12^5, 6^2, 4^5, 2^5\})$	64210599936
12	$\mathcal{O}(3; \{12^5, 6^2, 4^5, 3^3, 2\})$	522857742336
12	$\mathcal{O}(3; \{12^5, 6^2, 4^7, 2^2\})$	256842399744
12	$\mathcal{O}(3; \{12^5, 6^3, 4, 3, 2^8\})$	16243752960
12	$\mathcal{O}(3; \{12^5, 6^3, 4, 3^4, 2^4\})$	130523332608
12	$\mathcal{O}(3; \{12^5, 6^3, 4, 3^7\})$	1043613351936
12	$\mathcal{O}(3; \{12^5, 6^3, 4^3, 3, 2^5\})$	64975011840
12	$\mathcal{O}(3; \{12^5, 6^3, 4^3, 3^4, 2\})$	522093330432
12	$\mathcal{O}(3; \{12^5, 6^3, 4^5, 3, 2^2\})$	259900047360
12	$\mathcal{O}(3; \{12^5, 6^4, 4, 3^2, 2^5\})$	65166114816
12	$\mathcal{O}(3; \{12^5, 6^4, 4, 3^5, 2\})$	521902227456
12	$\mathcal{O}(3; \{12^5, 6^4, 4^3, 3^2, 2^2\})$	260664459264
12	$\mathcal{O}(3; \{12^5, 6^5, 4, 2^6\})$	32678608896
12	$\mathcal{O}(3; \{12^5, 6^5, 4, 3^3, 2^2\})$	260855562240
12	$\mathcal{O}(3; \{12^5, 6^5, 4^3, 2^3\})$	130714435584
12	$\mathcal{O}(3; \{12^5, 6^5, 4^5\})$	522857742336
12	$\mathcal{O}(3; \{12^5, 6^6, 4, 3, 2^3\})$	130523332608
12	$\mathcal{O}(3; \{12^5, 6^6, 4^3, 3\})$	522093330432
12	$\mathcal{O}(3; \{12^5, 6^7, 4, 3^2\})$	521902227456
12	$\mathcal{O}(3; \{12^5, 6^8, 4, 2\})$	260855562240
12	$\mathcal{O}(3; \{12^6, 2^{14}\})$	2102132736
12	$\mathcal{O}(3; \{12^6, 3^3, 2^{10}\})$	16243752960
12	$\mathcal{O}(3; \{12^6, 3^6, 2^6\})$	130523332608
12	$\mathcal{O}(3; \{12^6, 3^9, 2^2\})$	1043613351936
12	$\mathcal{O}(3; \{12^6, 4^2, 2^{11}\})$	8408530944
12	$\mathcal{O}(3; \{12^6, 4^2, 3^3, 2^7\})$	64975011840
12	$\mathcal{O}(3; \{12^6, 4^2, 3^6, 2^3\})$	522093330432
12	$\mathcal{O}(3; \{12^6, 4^4, 2^8\})$	33634123776
12	$\mathcal{O}(3; \{12^6, 4^4, 3^3, 2^4\})$	259900047360
12	$\mathcal{O}(3; \{12^6, 4^4, 3^6\})$	2088373321728
12	$\mathcal{O}(3; \{12^6, 4^6, 2^5\})$	134536495104
12	$\mathcal{O}(3; \{12^6, 4^6, 3^3, 2\})$	1039600189440
12	$\mathcal{O}(3; \{12^6, 4^8, 2^2\})$	538145980416
12	$\mathcal{O}(3; \{12^6, 6, 3, 2^{11}\})$	8217427968
12	$\mathcal{O}(3; \{12^6, 6, 3^4, 2^7\})$	65166114816
12	$\mathcal{O}(3; \{12^6, 6, 3^7, 2^3\})$	521902227456

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^6, 6, 4^2, 3, 2^8\})$	32869711872
12	$\mathcal{O}(3; \{12^6, 6, 4^2, 3^4, 2^4\})$	260664459264
12	$\mathcal{O}(3; \{12^6, 6, 4^2, 3^7\})$	2087608909824
12	$\mathcal{O}(3; \{12^6, 6, 4^4, 3, 2^5\})$	131478847488
12	$\mathcal{O}(3; \{12^6, 6, 4^4, 3^4, 2\})$	1042657837056
12	$\mathcal{O}(3; \{12^6, 6, 4^6, 3, 2^2\})$	525915389952
12	$\mathcal{O}(3; \{12^6, 6^2, 3^2, 2^8\})$	32678608896
12	$\mathcal{O}(3; \{12^6, 6^2, 3^5, 2^4\})$	260855562240
12	$\mathcal{O}(3; \{12^6, 6^2, 3^8\})$	2087417806848
12	$\mathcal{O}(3; \{12^6, 6^2, 4^2, 3^2, 2^5\})$	130714435584
12	$\mathcal{O}(3; \{12^6, 6^2, 4^2, 3^5, 2\})$	1043422248960
12	$\mathcal{O}(3; \{12^6, 6^2, 4^4, 3^2, 2^2\})$	522857742336
12	$\mathcal{O}(3; \{12^6, 6^3, 2^9\})$	16243752960
12	$\mathcal{O}(3; \{12^6, 6^3, 3^3, 2^5\})$	130523332608
12	$\mathcal{O}(3; \{12^6, 6^3, 3^6, 2\})$	1043613351936
12	$\mathcal{O}(3; \{12^6, 6^3, 4^2, 2^6\})$	64975011840
12	$\mathcal{O}(3; \{12^6, 6^3, 4^2, 3^3, 2^2\})$	522093330432
12	$\mathcal{O}(3; \{12^6, 6^3, 4^4, 2^3\})$	259900047360
12	$\mathcal{O}(3; \{12^6, 6^3, 4^6\})$	1039600189440
12	$\mathcal{O}(3; \{12^6, 6^4, 3, 2^6\})$	65166114816
12	$\mathcal{O}(3; \{12^6, 6^4, 3^4, 2^2\})$	521902227456
12	$\mathcal{O}(3; \{12^6, 6^4, 4^2, 3, 2^3\})$	260664459264
12	$\mathcal{O}(3; \{12^6, 6^4, 4^4, 3\})$	1042657837056
12	$\mathcal{O}(3; \{12^6, 6^5, 3^2, 2^3\})$	260855562240
12	$\mathcal{O}(3; \{12^6, 6^5, 4^2, 3^2\})$	1043422248960
12	$\mathcal{O}(3; \{12^6, 6^6, 2^4\})$	130523332608
12	$\mathcal{O}(3; \{12^6, 6^6, 3^3\})$	1043613351936
12	$\mathcal{O}(3; \{12^6, 6^6, 4^2, 2\})$	522093330432
12	$\mathcal{O}(3; \{12^6, 6^7, 3, 2\})$	521902227456
12	$\mathcal{O}(3; \{12^7, 4, 3^2, 2^8\})$	64975011840
12	$\mathcal{O}(3; \{12^7, 4, 3^5, 2^4\})$	522093330432
12	$\mathcal{O}(3; \{12^7, 4, 3^8\})$	4174453407744
12	$\mathcal{O}(3; \{12^7, 4^3, 3^2, 2^5\})$	259900047360
12	$\mathcal{O}(3; \{12^7, 4^3, 3^5, 2\})$	2088373321728
12	$\mathcal{O}(3; \{12^7, 4^5, 3^2, 2^2\})$	1039600189440
12	$\mathcal{O}(3; \{12^7, 6, 4, 2^9\})$	32869711872
12	$\mathcal{O}(3; \{12^7, 6, 4, 3^3, 2^5\})$	260664459264
12	$\mathcal{O}(3; \{12^7, 6, 4, 3^6, 2\})$	2087608909824
12	$\mathcal{O}(3; \{12^7, 6, 4^3, 2^6\})$	131478847488
12	$\mathcal{O}(3; \{12^7, 6, 4^3, 3^3, 2^2\})$	1042657837056
12	$\mathcal{O}(3; \{12^7, 6, 4^5, 2^3\})$	525915389952
12	$\mathcal{O}(3; \{12^7, 6, 4^7\})$	2103661559808
12	$\mathcal{O}(3; \{12^7, 6^2, 4, 3, 2^6\})$	130714435584

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^7, 6^2, 4, 3^4, 2^2\})$	1043422248960
12	$\mathcal{O}(3; \{12^7, 6^2, 4^3, 3, 2^3\})$	522857742336
12	$\mathcal{O}(3; \{12^7, 6^2, 4^5, 3\})$	2091430969344
12	$\mathcal{O}(3; \{12^7, 6^3, 4, 3^2, 2^3\})$	522093330432
12	$\mathcal{O}(3; \{12^7, 6^3, 4^3, 3^2\})$	2088373321728
12	$\mathcal{O}(3; \{12^7, 6^4, 4, 2^4\})$	260664459264
12	$\mathcal{O}(3; \{12^7, 6^4, 4, 3^3\})$	2087608909824
12	$\mathcal{O}(3; \{12^7, 6^4, 4^3, 2\})$	1042657837056
12	$\mathcal{O}(3; \{12^7, 6^5, 4, 3, 2\})$	1043422248960
12	$\mathcal{O}(3; \{12^8, 3, 2^9\})$	64975011840
12	$\mathcal{O}(3; \{12^8, 3^4, 2^5\})$	522093330432
12	$\mathcal{O}(3; \{12^8, 3^7, 2\})$	4174453407744
12	$\mathcal{O}(3; \{12^8, 4^2, 3, 2^6\})$	259900047360
12	$\mathcal{O}(3; \{12^8, 4^2, 3^4, 2^2\})$	2088373321728
12	$\mathcal{O}(3; \{12^8, 4^4, 3, 2^3\})$	1039600189440
12	$\mathcal{O}(3; \{12^8, 4^6, 3\})$	4158400757760
12	$\mathcal{O}(3; \{12^8, 6, 3^2, 2^6\})$	260664459264
12	$\mathcal{O}(3; \{12^8, 6, 3^5, 2^2\})$	2087608909824
12	$\mathcal{O}(3; \{12^8, 6, 4^2, 3^2, 2^3\})$	1042657837056
12	$\mathcal{O}(3; \{12^8, 6, 4^4, 3^2\})$	4170631348224
12	$\mathcal{O}(3; \{12^8, 6^2, 2^7\})$	130714435584
12	$\mathcal{O}(3; \{12^8, 6^2, 3^3, 2^3\})$	1043422248960
12	$\mathcal{O}(3; \{12^8, 6^2, 4^2, 2^4\})$	522857742336
12	$\mathcal{O}(3; \{12^8, 6^2, 4^2, 3^3\})$	4173688995840
12	$\mathcal{O}(3; \{12^8, 6^2, 4^4, 2\})$	2091430969344
12	$\mathcal{O}(3; \{12^8, 6^3, 3, 2^4\})$	522093330432
12	$\mathcal{O}(3; \{12^8, 6^3, 3^4\})$	4174453407744
12	$\mathcal{O}(3; \{12^8, 6^3, 4^2, 3, 2\})$	2088373321728
12	$\mathcal{O}(3; \{12^8, 6^4, 3^2, 2\})$	2087608909824
12	$\mathcal{O}(3; \{12^8, 6^5, 2^2\})$	1043422248960
12	$\mathcal{O}(3; \{12^9, 4, 2^7\})$	259900047360
12	$\mathcal{O}(3; \{12^9, 4, 3^3, 2^3\})$	2088373321728
12	$\mathcal{O}(3; \{12^9, 4^3, 2^4\})$	1039600189440
12	$\mathcal{O}(3; \{12^9, 4^3, 3^3\})$	8353493286912
12	$\mathcal{O}(3; \{12^9, 4^5, 2\})$	4158400757760
12	$\mathcal{O}(3; \{12^9, 6, 4, 3, 2^4\})$	1042657837056
12	$\mathcal{O}(3; \{12^9, 6, 4, 3^4\})$	8350435639296
12	$\mathcal{O}(3; \{12^9, 6, 4^3, 3, 2\})$	4170631348224
12	$\mathcal{O}(3; \{12^9, 6^2, 4, 3^2, 2\})$	4173688995840
12	$\mathcal{O}(3; \{12^9, 6^3, 4, 2^2\})$	2088373321728
12	$\mathcal{O}(3; \{12^{10}, 3^2, 2^4\})$	2088373321728
12	$\mathcal{O}(3; \{12^{10}, 3^5\})$	16697813630976
12	$\mathcal{O}(3; \{12^{10}, 4^2, 3^2, 2\})$	8353493286912

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^{10}, 6, 2^5\})$	1042657837056
12	$\mathcal{O}(3; \{12^{10}, 6, 3^3, 2\})$	8350435639296
12	$\mathcal{O}(3; \{12^{10}, 6, 4^2, 2^2\})$	4170631348224
12	$\mathcal{O}(3; \{12^{10}, 6^2, 3, 2^2\})$	4173688995840
12	$\mathcal{O}(3; \{12^{10}, 6^4\})$	8350435639296
12	$\mathcal{O}(3; \{12^{11}, 4, 3, 2^2\})$	8353493286912
12	$\mathcal{O}(3; \{12^{11}, 6^2, 4\})$	16694755983360
12	$\mathcal{O}(3; \{12^{12}, 2^3\})$	8353493286912
12	$\mathcal{O}(3; \{12^{12}, 4^2\})$	33413973147648
12	$\mathcal{O}(3; \{12^{12}, 6, 3\})$	33401742557184
12	$\mathcal{O}(2; \{4^2, 2^{26}\})$	40960
12	$\mathcal{O}(2; \{4^2, 3^3, 2^{22}\})$	82944
12	$\mathcal{O}(2; \{4^2, 3^6, 2^{18}\})$	912384
12	$\mathcal{O}(2; \{4^2, 3^9, 2^{14}\})$	7050240
12	$\mathcal{O}(2; \{4^2, 3^{12}, 2^{10}\})$	56650752
12	$\mathcal{O}(2; \{4^2, 3^{15}, 2^6\})$	452957184
12	$\mathcal{O}(2; \{4^2, 3^{18}, 2^2\})$	3623906304
12	$\mathcal{O}(2; \{4^4, 2^{23}\})$	163840
12	$\mathcal{O}(2; \{4^4, 3^3, 2^{19}\})$	331776
12	$\mathcal{O}(2; \{4^4, 3^6, 2^{15}\})$	3649536
12	$\mathcal{O}(2; \{4^4, 3^9, 2^{11}\})$	28200960
12	$\mathcal{O}(2; \{4^4, 3^{12}, 2^7\})$	226603008
12	$\mathcal{O}(2; \{4^4, 3^{15}, 2^3\})$	1811828736
12	$\mathcal{O}(2; \{4^6, 2^{20}\})$	655360
12	$\mathcal{O}(2; \{4^6, 3^3, 2^{16}\})$	1327104
12	$\mathcal{O}(2; \{4^6, 3^6, 2^{12}\})$	14598144
12	$\mathcal{O}(2; \{4^6, 3^9, 2^8\})$	112803840
12	$\mathcal{O}(2; \{4^6, 3^{12}, 2^4\})$	906412032
12	$\mathcal{O}(2; \{4^6, 3^{15}\})$	7247314944
12	$\mathcal{O}(2; \{4^8, 2^{17}\})$	2621440
12	$\mathcal{O}(2; \{4^8, 3^3, 2^{13}\})$	5308416
12	$\mathcal{O}(2; \{4^8, 3^6, 2^9\})$	58392576
12	$\mathcal{O}(2; \{4^8, 3^9, 2^5\})$	451215360
12	$\mathcal{O}(2; \{4^8, 3^{12}, 2\})$	3625648128
12	$\mathcal{O}(2; \{4^{10}, 2^{14}\})$	10485760
12	$\mathcal{O}(2; \{4^{10}, 3^3, 2^{10}\})$	21233664
12	$\mathcal{O}(2; \{4^{10}, 3^6, 2^6\})$	233570304
12	$\mathcal{O}(2; \{4^{10}, 3^9, 2^2\})$	1804861440
12	$\mathcal{O}(2; \{4^{12}, 2^{11}\})$	41943040
12	$\mathcal{O}(2; \{4^{12}, 3^3, 2^7\})$	84934656
12	$\mathcal{O}(2; \{4^{12}, 3^6, 2^3\})$	934281216
12	$\mathcal{O}(2; \{4^{14}, 2^8\})$	167772160
12	$\mathcal{O}(2; \{4^{14}, 3^3, 2^4\})$	339738624

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{4^{14}, 3^6\})$	3737124864
12	$\mathcal{O}(2; \{4^{16}, 2^5\})$	671088640
12	$\mathcal{O}(2; \{4^{16}, 3^3, 2\})$	1358954496
12	$\mathcal{O}(2; \{4^{18}, 2^2\})$	2684354560
12	$\mathcal{O}(2; \{6, 4^2, 3, 2^{23}\})$	82944
12	$\mathcal{O}(2; \{6, 4^2, 3^4, 2^{19}\})$	414720
12	$\mathcal{O}(2; \{6, 4^2, 3^7, 2^{15}\})$	3566592
12	$\mathcal{O}(2; \{6, 4^2, 3^{10}, 2^{11}\})$	28283904
12	$\mathcal{O}(2; \{6, 4^2, 3^{13}, 2^7\})$	226520064
12	$\mathcal{O}(2; \{6, 4^2, 3^{16}, 2^3\})$	1811911680
12	$\mathcal{O}(2; \{6, 4^4, 3, 2^{20}\})$	331776
12	$\mathcal{O}(2; \{6, 4^4, 3^4, 2^{16}\})$	1658880
12	$\mathcal{O}(2; \{6, 4^4, 3^7, 2^{12}\})$	14266368
12	$\mathcal{O}(2; \{6, 4^4, 3^{10}, 2^8\})$	113135616
12	$\mathcal{O}(2; \{6, 4^4, 3^{13}, 2^4\})$	906080256
12	$\mathcal{O}(2; \{6, 4^4, 3^{16}\})$	7247646720
12	$\mathcal{O}(2; \{6, 4^6, 3, 2^{17}\})$	1327104
12	$\mathcal{O}(2; \{6, 4^6, 3^4, 2^{13}\})$	6635520
12	$\mathcal{O}(2; \{6, 4^6, 3^7, 2^9\})$	57065472
12	$\mathcal{O}(2; \{6, 4^6, 3^{10}, 2^5\})$	452542464
12	$\mathcal{O}(2; \{6, 4^6, 3^{13}, 2\})$	3624321024
12	$\mathcal{O}(2; \{6, 4^8, 3, 2^{14}\})$	5308416
12	$\mathcal{O}(2; \{6, 4^8, 3^4, 2^{10}\})$	26542080
12	$\mathcal{O}(2; \{6, 4^8, 3^7, 2^6\})$	228261888
12	$\mathcal{O}(2; \{6, 4^8, 3^{10}, 2^2\})$	1810169856
12	$\mathcal{O}(2; \{6, 4^{10}, 3, 2^{11}\})$	21233664
12	$\mathcal{O}(2; \{6, 4^{10}, 3^4, 2^7\})$	106168320
12	$\mathcal{O}(2; \{6, 4^{10}, 3^7, 2^3\})$	913047552
12	$\mathcal{O}(2; \{6, 4^{12}, 3, 2^8\})$	84934656
12	$\mathcal{O}(2; \{6, 4^{12}, 3^4, 2^4\})$	424673280
12	$\mathcal{O}(2; \{6, 4^{12}, 3^7\})$	3652190208
12	$\mathcal{O}(2; \{6, 4^{14}, 3, 2^5\})$	339738624
12	$\mathcal{O}(2; \{6, 4^{14}, 3^4, 2\})$	1698693120
12	$\mathcal{O}(2; \{6, 4^{16}, 3, 2^2\})$	1358954496
12	$\mathcal{O}(2; \{6^2, 4^2, 3^2, 2^{20}\})$	248832
12	$\mathcal{O}(2; \{6^2, 4^2, 3^5, 2^{16}\})$	1741824
12	$\mathcal{O}(2; \{6^2, 4^2, 3^8, 2^{12}\})$	14183424
12	$\mathcal{O}(2; \{6^2, 4^2, 3^{11}, 2^8\})$	113218560
12	$\mathcal{O}(2; \{6^2, 4^2, 3^{14}, 2^4\})$	905997312
12	$\mathcal{O}(2; \{6^2, 4^2, 3^{17}\})$	7247729664
12	$\mathcal{O}(2; \{6^2, 4^4, 3^2, 2^{17}\})$	995328
12	$\mathcal{O}(2; \{6^2, 4^4, 3^5, 2^{13}\})$	6967296
12	$\mathcal{O}(2; \{6^2, 4^4, 3^8, 2^9\})$	56733696

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^2, 4^4, 3^{11}, 2^5\})$	452874240
12	$\mathcal{O}(2; \{6^2, 4^4, 3^{14}, 2\})$	3623989248
12	$\mathcal{O}(2; \{6^2, 4^6, 3^2, 2^{14}\})$	3981312
12	$\mathcal{O}(2; \{6^2, 4^6, 3^5, 2^{10}\})$	27869184
12	$\mathcal{O}(2; \{6^2, 4^6, 3^8, 2^6\})$	226934784
12	$\mathcal{O}(2; \{6^2, 4^6, 3^{11}, 2^2\})$	1811496960
12	$\mathcal{O}(2; \{6^2, 4^8, 3^2, 2^{11}\})$	15925248
12	$\mathcal{O}(2; \{6^2, 4^8, 3^5, 2^7\})$	111476736
12	$\mathcal{O}(2; \{6^2, 4^8, 3^8, 2^3\})$	907739136
12	$\mathcal{O}(2; \{6^2, 4^{10}, 3^2, 2^8\})$	63700992
12	$\mathcal{O}(2; \{6^2, 4^{10}, 3^5, 2^4\})$	445906944
12	$\mathcal{O}(2; \{6^2, 4^{10}, 3^8\})$	3630956544
12	$\mathcal{O}(2; \{6^2, 4^{12}, 3^2, 2^5\})$	254803968
12	$\mathcal{O}(2; \{6^2, 4^{12}, 3^5, 2\})$	1783627776
12	$\mathcal{O}(2; \{6^2, 4^{14}, 3^2, 2^2\})$	1019215872
12	$\mathcal{O}(2; \{6^3, 4^2, 2^{21}\})$	82944
12	$\mathcal{O}(2; \{6^3, 4^2, 3^3, 2^{17}\})$	912384
12	$\mathcal{O}(2; \{6^3, 4^2, 3^6, 2^{13}\})$	7050240
12	$\mathcal{O}(2; \{6^3, 4^2, 3^9, 2^9\})$	56650752
12	$\mathcal{O}(2; \{6^3, 4^2, 3^{12}, 2^5\})$	452957184
12	$\mathcal{O}(2; \{6^3, 4^2, 3^{15}, 2\})$	3623906304
12	$\mathcal{O}(2; \{6^3, 4^4, 2^{18}\})$	331776
12	$\mathcal{O}(2; \{6^3, 4^4, 3^3, 2^{14}\})$	3649536
12	$\mathcal{O}(2; \{6^3, 4^4, 3^6, 2^{10}\})$	28200960
12	$\mathcal{O}(2; \{6^3, 4^4, 3^9, 2^6\})$	226603008
12	$\mathcal{O}(2; \{6^3, 4^4, 3^{12}, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{6^3, 4^6, 2^{15}\})$	1327104
12	$\mathcal{O}(2; \{6^3, 4^6, 3^3, 2^{11}\})$	14598144
12	$\mathcal{O}(2; \{6^3, 4^6, 3^6, 2^7\})$	112803840
12	$\mathcal{O}(2; \{6^3, 4^6, 3^9, 2^3\})$	906412032
12	$\mathcal{O}(2; \{6^3, 4^8, 2^{12}\})$	5308416
12	$\mathcal{O}(2; \{6^3, 4^8, 3^3, 2^8\})$	58392576
12	$\mathcal{O}(2; \{6^3, 4^8, 3^6, 2^4\})$	451215360
12	$\mathcal{O}(2; \{6^3, 4^8, 3^9\})$	3625648128
12	$\mathcal{O}(2; \{6^3, 4^{10}, 2^9\})$	21233664
12	$\mathcal{O}(2; \{6^3, 4^{10}, 3^3, 2^5\})$	233570304
12	$\mathcal{O}(2; \{6^3, 4^{10}, 3^6, 2\})$	1804861440
12	$\mathcal{O}(2; \{6^3, 4^{12}, 2^6\})$	84934656
12	$\mathcal{O}(2; \{6^3, 4^{12}, 3^3, 2^2\})$	934281216
12	$\mathcal{O}(2; \{6^3, 4^{14}, 2^3\})$	339738624
12	$\mathcal{O}(2; \{6^3, 4^{16}\})$	1358954496
12	$\mathcal{O}(2; \{6^4, 4^2, 3, 2^{18}\})$	414720
12	$\mathcal{O}(2; \{6^4, 4^2, 3^4, 2^{14}\})$	3566592

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^4, 4^2, 3^7, 2^{10}\})$	28283904
12	$\mathcal{O}(2; \{6^4, 4^2, 3^{10}, 2^6\})$	226520064
12	$\mathcal{O}(2; \{6^4, 4^2, 3^{13}, 2^2\})$	1811911680
12	$\mathcal{O}(2; \{6^4, 4^4, 3, 2^{15}\})$	1658880
12	$\mathcal{O}(2; \{6^4, 4^4, 3^4, 2^{11}\})$	14266368
12	$\mathcal{O}(2; \{6^4, 4^4, 3^7, 2^7\})$	113135616
12	$\mathcal{O}(2; \{6^4, 4^4, 3^{10}, 2^3\})$	906080256
12	$\mathcal{O}(2; \{6^4, 4^6, 3, 2^{12}\})$	6635520
12	$\mathcal{O}(2; \{6^4, 4^6, 3^4, 2^8\})$	57065472
12	$\mathcal{O}(2; \{6^4, 4^6, 3^7, 2^4\})$	452542464
12	$\mathcal{O}(2; \{6^4, 4^6, 3^{10}\})$	3624321024
12	$\mathcal{O}(2; \{6^4, 4^8, 3, 2^9\})$	26542080
12	$\mathcal{O}(2; \{6^4, 4^8, 3^4, 2^5\})$	228261888
12	$\mathcal{O}(2; \{6^4, 4^8, 3^7, 2\})$	1810169856
12	$\mathcal{O}(2; \{6^4, 4^{10}, 3, 2^6\})$	106168320
12	$\mathcal{O}(2; \{6^4, 4^{10}, 3^4, 2^2\})$	913047552
12	$\mathcal{O}(2; \{6^4, 4^{12}, 3, 2^3\})$	424673280
12	$\mathcal{O}(2; \{6^4, 4^{14}, 3\})$	1698693120
12	$\mathcal{O}(2; \{6^5, 4^2, 3^2, 2^{15}\})$	1741824
12	$\mathcal{O}(2; \{6^5, 4^2, 3^5, 2^{11}\})$	14183424
12	$\mathcal{O}(2; \{6^5, 4^2, 3^8, 2^7\})$	113218560
12	$\mathcal{O}(2; \{6^5, 4^2, 3^{11}, 2^3\})$	905997312
12	$\mathcal{O}(2; \{6^5, 4^4, 3^2, 2^{12}\})$	6967296
12	$\mathcal{O}(2; \{6^5, 4^4, 3^5, 2^8\})$	56733696
12	$\mathcal{O}(2; \{6^5, 4^4, 3^8, 2^4\})$	452874240
12	$\mathcal{O}(2; \{6^5, 4^4, 3^{11}\})$	3623989248
12	$\mathcal{O}(2; \{6^5, 4^6, 3^2, 2^9\})$	27869184
12	$\mathcal{O}(2; \{6^5, 4^6, 3^5, 2^5\})$	226934784
12	$\mathcal{O}(2; \{6^5, 4^6, 3^8, 2\})$	1811496960
12	$\mathcal{O}(2; \{6^5, 4^8, 3^2, 2^6\})$	111476736
12	$\mathcal{O}(2; \{6^5, 4^8, 3^5, 2^2\})$	907739136
12	$\mathcal{O}(2; \{6^5, 4^{10}, 3^2, 2^3\})$	445906944
12	$\mathcal{O}(2; \{6^5, 4^{12}, 3^2\})$	1783627776
12	$\mathcal{O}(2; \{6^6, 4^2, 2^{16}\})$	912384
12	$\mathcal{O}(2; \{6^6, 4^2, 3^3, 2^{12}\})$	7050240
12	$\mathcal{O}(2; \{6^6, 4^2, 3^6, 2^8\})$	56650752
12	$\mathcal{O}(2; \{6^6, 4^2, 3^9, 2^4\})$	452957184
12	$\mathcal{O}(2; \{6^6, 4^2, 3^{12}\})$	3623906304
12	$\mathcal{O}(2; \{6^6, 4^4, 2^{13}\})$	3649536
12	$\mathcal{O}(2; \{6^6, 4^4, 3^3, 2^9\})$	28200960
12	$\mathcal{O}(2; \{6^6, 4^4, 3^6, 2^5\})$	226603008
12	$\mathcal{O}(2; \{6^6, 4^4, 3^9, 2\})$	1811828736
12	$\mathcal{O}(2; \{6^6, 4^6, 2^{10}\})$	14598144

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^6, 4^6, 3^3, 2^6\})$	112803840
12	$\mathcal{O}(2; \{6^6, 4^6, 3^6, 2^2\})$	906412032
12	$\mathcal{O}(2; \{6^6, 4^8, 2^7\})$	58392576
12	$\mathcal{O}(2; \{6^6, 4^8, 3^3, 2^3\})$	451215360
12	$\mathcal{O}(2; \{6^6, 4^{10}, 2^4\})$	233570304
12	$\mathcal{O}(2; \{6^6, 4^{10}, 3^3\})$	1804861440
12	$\mathcal{O}(2; \{6^6, 4^{12}, 2\})$	934281216
12	$\mathcal{O}(2; \{6^7, 4^2, 3, 2^{13}\})$	3566592
12	$\mathcal{O}(2; \{6^7, 4^2, 3^4, 2^9\})$	28283904
12	$\mathcal{O}(2; \{6^7, 4^2, 3^7, 2^5\})$	226520064
12	$\mathcal{O}(2; \{6^7, 4^2, 3^{10}, 2\})$	1811911680
12	$\mathcal{O}(2; \{6^7, 4^4, 3, 2^{10}\})$	14266368
12	$\mathcal{O}(2; \{6^7, 4^4, 3^4, 2^6\})$	113135616
12	$\mathcal{O}(2; \{6^7, 4^4, 3^7, 2^2\})$	906080256
12	$\mathcal{O}(2; \{6^7, 4^6, 3, 2^7\})$	57065472
12	$\mathcal{O}(2; \{6^7, 4^6, 3^4, 2^3\})$	452542464
12	$\mathcal{O}(2; \{6^7, 4^8, 3, 2^4\})$	228261888
12	$\mathcal{O}(2; \{6^7, 4^8, 3^4\})$	1810169856
12	$\mathcal{O}(2; \{6^7, 4^{10}, 3, 2\})$	913047552
12	$\mathcal{O}(2; \{6^8, 4^2, 3^2, 2^{10}\})$	14183424
12	$\mathcal{O}(2; \{6^8, 4^2, 3^5, 2^6\})$	113218560
12	$\mathcal{O}(2; \{6^8, 4^2, 3^8, 2^2\})$	905997312
12	$\mathcal{O}(2; \{6^8, 4^4, 3^2, 2^7\})$	56733696
12	$\mathcal{O}(2; \{6^8, 4^4, 3^5, 2^3\})$	452874240
12	$\mathcal{O}(2; \{6^8, 4^6, 3^2, 2^4\})$	226934784
12	$\mathcal{O}(2; \{6^8, 4^6, 3^5\})$	1811496960
12	$\mathcal{O}(2; \{6^8, 4^8, 3^2, 2\})$	907739136
12	$\mathcal{O}(2; \{6^9, 4^2, 2^{11}\})$	7050240
12	$\mathcal{O}(2; \{6^9, 4^2, 3^3, 2^7\})$	56650752
12	$\mathcal{O}(2; \{6^9, 4^2, 3^6, 2^3\})$	452957184
12	$\mathcal{O}(2; \{6^9, 4^4, 2^8\})$	28200960
12	$\mathcal{O}(2; \{6^9, 4^4, 3^3, 2^4\})$	226603008
12	$\mathcal{O}(2; \{6^9, 4^4, 3^6\})$	1811828736
12	$\mathcal{O}(2; \{6^9, 4^6, 2^5\})$	112803840
12	$\mathcal{O}(2; \{6^9, 4^6, 3^3, 2\})$	906412032
12	$\mathcal{O}(2; \{6^9, 4^8, 2^2\})$	451215360
12	$\mathcal{O}(2; \{6^{10}, 4^2, 3, 2^8\})$	28283904
12	$\mathcal{O}(2; \{6^{10}, 4^2, 3^4, 2^4\})$	226520064
12	$\mathcal{O}(2; \{6^{10}, 4^2, 3^7\})$	1811911680
12	$\mathcal{O}(2; \{6^{10}, 4^4, 3, 2^5\})$	113135616
12	$\mathcal{O}(2; \{6^{10}, 4^4, 3^4, 2\})$	906080256
12	$\mathcal{O}(2; \{6^{10}, 4^6, 3, 2^2\})$	452542464
12	$\mathcal{O}(2; \{6^{11}, 4^2, 3^2, 2^5\})$	113218560

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^{11}, 4^2, 3^5, 2\})$	905997312
12	$\mathcal{O}(2; \{6^{11}, 4^4, 3^2, 2^2\})$	452874240
12	$\mathcal{O}(2; \{6^{12}, 4^2, 2^6\})$	56650752
12	$\mathcal{O}(2; \{6^{12}, 4^2, 3^3, 2^2\})$	452957184
12	$\mathcal{O}(2; \{6^{12}, 4^4, 2^3\})$	226603008
12	$\mathcal{O}(2; \{6^{12}, 4^6\})$	906412032
12	$\mathcal{O}(2; \{6^{13}, 4^2, 3, 2^3\})$	226520064
12	$\mathcal{O}(2; \{6^{13}, 4^4, 3\})$	906080256
12	$\mathcal{O}(2; \{6^{14}, 4^2, 3^2\})$	905997312
12	$\mathcal{O}(2; \{6^{15}, 4^2, 2\})$	452957184
12	$\mathcal{O}(2; \{12, 4, 3^2, 2^{23}\})$	82944
12	$\mathcal{O}(2; \{12, 4, 3^5, 2^{19}\})$	912384
12	$\mathcal{O}(2; \{12, 4, 3^8, 2^{15}\})$	7050240
12	$\mathcal{O}(2; \{12, 4, 3^{11}, 2^{11}\})$	56650752
12	$\mathcal{O}(2; \{12, 4, 3^{14}, 2^7\})$	452957184
12	$\mathcal{O}(2; \{12, 4, 3^{17}, 2^3\})$	3623906304
12	$\mathcal{O}(2; \{12, 4^3, 3^2, 2^{20}\})$	331776
12	$\mathcal{O}(2; \{12, 4^3, 3^5, 2^{16}\})$	3649536
12	$\mathcal{O}(2; \{12, 4^3, 3^8, 2^{12}\})$	28200960
12	$\mathcal{O}(2; \{12, 4^3, 3^{11}, 2^8\})$	226603008
12	$\mathcal{O}(2; \{12, 4^3, 3^{14}, 2^4\})$	1811828736
12	$\mathcal{O}(2; \{12, 4^3, 3^{17}\})$	14495625216
12	$\mathcal{O}(2; \{12, 4^5, 3^2, 2^{17}\})$	1327104
12	$\mathcal{O}(2; \{12, 4^5, 3^5, 2^{13}\})$	14598144
12	$\mathcal{O}(2; \{12, 4^5, 3^8, 2^9\})$	112803840
12	$\mathcal{O}(2; \{12, 4^5, 3^{11}, 2^5\})$	906412032
12	$\mathcal{O}(2; \{12, 4^5, 3^{14}, 2\})$	7247314944
12	$\mathcal{O}(2; \{12, 4^7, 3^2, 2^{14}\})$	5308416
12	$\mathcal{O}(2; \{12, 4^7, 3^5, 2^{10}\})$	58392576
12	$\mathcal{O}(2; \{12, 4^7, 3^8, 2^6\})$	451215360
12	$\mathcal{O}(2; \{12, 4^7, 3^{11}, 2^2\})$	3625648128
12	$\mathcal{O}(2; \{12, 4^9, 3^2, 2^{11}\})$	21233664
12	$\mathcal{O}(2; \{12, 4^9, 3^5, 2^7\})$	233570304
12	$\mathcal{O}(2; \{12, 4^9, 3^8, 2^3\})$	1804861440
12	$\mathcal{O}(2; \{12, 4^{11}, 3^2, 2^8\})$	84934656
12	$\mathcal{O}(2; \{12, 4^{11}, 3^5, 2^4\})$	934281216
12	$\mathcal{O}(2; \{12, 4^{11}, 3^8\})$	7219445760
12	$\mathcal{O}(2; \{12, 4^{13}, 3^2, 2^5\})$	339738624
12	$\mathcal{O}(2; \{12, 4^{13}, 3^5, 2\})$	3737124864
12	$\mathcal{O}(2; \{12, 4^{15}, 3^2, 2^2\})$	1358954496
12	$\mathcal{O}(2; \{12, 6, 4, 2^{24}\})$	82944
12	$\mathcal{O}(2; \{12, 6, 4, 3^3, 2^{20}\})$	414720
12	$\mathcal{O}(2; \{12, 6, 4, 3^6, 2^{16}\})$	3566592

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 6, 4, 3^9, 2^{12}\})$	28283904
12	$\mathcal{O}(2; \{12, 6, 4, 3^{12}, 2^8\})$	226520064
12	$\mathcal{O}(2; \{12, 6, 4, 3^{15}, 2^4\})$	1811911680
12	$\mathcal{O}(2; \{12, 6, 4, 3^{18}\})$	14495542272
12	$\mathcal{O}(2; \{12, 6, 4^3, 2^{21}\})$	331776
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^3, 2^{17}\})$	1658880
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^6, 2^{13}\})$	14266368
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^9, 2^9\})$	113135616
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^{12}, 2^5\})$	906080256
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^{15}, 2\})$	7247646720
12	$\mathcal{O}(2; \{12, 6, 4^5, 2^{18}\})$	1327104
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^3, 2^{14}\})$	6635520
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^6, 2^{10}\})$	57065472
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^9, 2^6\})$	452542464
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^{12}, 2^2\})$	3624321024
12	$\mathcal{O}(2; \{12, 6, 4^7, 2^{15}\})$	5308416
12	$\mathcal{O}(2; \{12, 6, 4^7, 3^3, 2^{11}\})$	26542080
12	$\mathcal{O}(2; \{12, 6, 4^7, 3^6, 2^7\})$	228261888
12	$\mathcal{O}(2; \{12, 6, 4^7, 3^9, 2^3\})$	1810169856
12	$\mathcal{O}(2; \{12, 6, 4^9, 2^{12}\})$	21233664
12	$\mathcal{O}(2; \{12, 6, 4^9, 3^3, 2^8\})$	106168320
12	$\mathcal{O}(2; \{12, 6, 4^9, 3^6, 2^4\})$	913047552
12	$\mathcal{O}(2; \{12, 6, 4^9, 3^9\})$	7240679424
12	$\mathcal{O}(2; \{12, 6, 4^{11}, 2^9\})$	84934656
12	$\mathcal{O}(2; \{12, 6, 4^{11}, 3^3, 2^5\})$	424673280
12	$\mathcal{O}(2; \{12, 6, 4^{11}, 3^6, 2\})$	3652190208
12	$\mathcal{O}(2; \{12, 6, 4^{13}, 2^6\})$	339738624
12	$\mathcal{O}(2; \{12, 6, 4^{13}, 3^3, 2^2\})$	1698693120
12	$\mathcal{O}(2; \{12, 6, 4^{15}, 2^3\})$	1358954496
12	$\mathcal{O}(2; \{12, 6, 4^{17}\})$	5435817984
12	$\mathcal{O}(2; \{12, 6^2, 4, 3, 2^{21}\})$	248832
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^4, 2^{17}\})$	1741824
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^7, 2^{13}\})$	14183424
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^{10}, 2^9\})$	113218560
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^{13}, 2^5\})$	905997312
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^{16}, 2\})$	7247729664
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3, 2^{18}\})$	995328
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^4, 2^{14}\})$	6967296
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^7, 2^{10}\})$	56733696
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^{10}, 2^6\})$	452874240
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^{13}, 2^2\})$	3623989248
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3, 2^{15}\})$	3981312
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3^4, 2^{11}\})$	27869184

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3^7, 2^7\})$	226934784
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3^{10}, 2^3\})$	1811496960
12	$\mathcal{O}(2; \{12, 6^2, 4^7, 3, 2^{12}\})$	15925248
12	$\mathcal{O}(2; \{12, 6^2, 4^7, 3^4, 2^8\})$	111476736
12	$\mathcal{O}(2; \{12, 6^2, 4^7, 3^7, 2^4\})$	907739136
12	$\mathcal{O}(2; \{12, 6^2, 4^7, 3^{10}\})$	7245987840
12	$\mathcal{O}(2; \{12, 6^2, 4^9, 3, 2^9\})$	63700992
12	$\mathcal{O}(2; \{12, 6^2, 4^9, 3^4, 2^5\})$	445906944
12	$\mathcal{O}(2; \{12, 6^2, 4^9, 3^7, 2\})$	3630956544
12	$\mathcal{O}(2; \{12, 6^2, 4^{11}, 3, 2^6\})$	254803968
12	$\mathcal{O}(2; \{12, 6^2, 4^{11}, 3^4, 2^2\})$	1783627776
12	$\mathcal{O}(2; \{12, 6^2, 4^{13}, 3, 2^3\})$	1019215872
12	$\mathcal{O}(2; \{12, 6^2, 4^{15}, 3\})$	4076863488
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^2, 2^{18}\})$	912384
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^5, 2^{14}\})$	7050240
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^8, 2^{10}\})$	56650752
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^{11}, 2^6\})$	452957184
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^{14}, 2^2\})$	3623906304
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^2, 2^{15}\})$	3649536
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^5, 2^{11}\})$	28200960
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^8, 2^7\})$	226603008
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^{11}, 2^3\})$	1811828736
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 3^2, 2^{12}\})$	14598144
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 3^5, 2^8\})$	112803840
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 3^8, 2^4\})$	906412032
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 3^{11}\})$	7247314944
12	$\mathcal{O}(2; \{12, 6^3, 4^7, 3^2, 2^9\})$	58392576
12	$\mathcal{O}(2; \{12, 6^3, 4^7, 3^5, 2^5\})$	451215360
12	$\mathcal{O}(2; \{12, 6^3, 4^7, 3^8, 2\})$	3625648128
12	$\mathcal{O}(2; \{12, 6^3, 4^9, 3^2, 2^6\})$	233570304
12	$\mathcal{O}(2; \{12, 6^3, 4^9, 3^5, 2^2\})$	1804861440
12	$\mathcal{O}(2; \{12, 6^3, 4^{11}, 3^2, 2^3\})$	934281216
12	$\mathcal{O}(2; \{12, 6^3, 4^{13}, 3^2\})$	3737124864
12	$\mathcal{O}(2; \{12, 6^4, 4, 2^{19}\})$	414720
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^3, 2^{15}\})$	3566592
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^6, 2^{11}\})$	28283904
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^9, 2^7\})$	226520064
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^{12}, 2^3\})$	1811911680
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 2^{16}\})$	1658880
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3^3, 2^{12}\})$	14266368
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3^6, 2^8\})$	113135616
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3^9, 2^4\})$	906080256
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3^{12}\})$	7247646720

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 6^4, 4^5, 2^{13}\})$	6635520
12	$\mathcal{O}(2; \{12, 6^4, 4^5, 3^3, 2^9\})$	57065472
12	$\mathcal{O}(2; \{12, 6^4, 4^5, 3^6, 2^5\})$	452542464
12	$\mathcal{O}(2; \{12, 6^4, 4^5, 3^9, 2\})$	3624321024
12	$\mathcal{O}(2; \{12, 6^4, 4^7, 2^{10}\})$	26542080
12	$\mathcal{O}(2; \{12, 6^4, 4^7, 3^3, 2^6\})$	228261888
12	$\mathcal{O}(2; \{12, 6^4, 4^7, 3^6, 2^2\})$	1810169856
12	$\mathcal{O}(2; \{12, 6^4, 4^9, 2^7\})$	106168320
12	$\mathcal{O}(2; \{12, 6^4, 4^9, 3^3, 2^3\})$	913047552
12	$\mathcal{O}(2; \{12, 6^4, 4^{11}, 2^4\})$	424673280
12	$\mathcal{O}(2; \{12, 6^4, 4^{11}, 3^3\})$	3652190208
12	$\mathcal{O}(2; \{12, 6^4, 4^{13}, 2\})$	1698693120
12	$\mathcal{O}(2; \{12, 6^5, 4, 3, 2^{16}\})$	1741824
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^4, 2^{12}\})$	14183424
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^7, 2^8\})$	113218560
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^{10}, 2^4\})$	905997312
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^{13}\})$	7247729664
12	$\mathcal{O}(2; \{12, 6^5, 4^3, 3, 2^{13}\})$	6967296
12	$\mathcal{O}(2; \{12, 6^5, 4^3, 3^4, 2^9\})$	56733696
12	$\mathcal{O}(2; \{12, 6^5, 4^3, 3^7, 2^5\})$	452874240
12	$\mathcal{O}(2; \{12, 6^5, 4^3, 3^{10}, 2\})$	3623989248
12	$\mathcal{O}(2; \{12, 6^5, 4^5, 3, 2^{10}\})$	27869184
12	$\mathcal{O}(2; \{12, 6^5, 4^5, 3^4, 2^6\})$	226934784
12	$\mathcal{O}(2; \{12, 6^5, 4^5, 3^7, 2^2\})$	1811496960
12	$\mathcal{O}(2; \{12, 6^5, 4^7, 3, 2^7\})$	111476736
12	$\mathcal{O}(2; \{12, 6^5, 4^7, 3^4, 2^3\})$	907739136
12	$\mathcal{O}(2; \{12, 6^5, 4^9, 3, 2^4\})$	445906944
12	$\mathcal{O}(2; \{12, 6^5, 4^9, 3^4\})$	3630956544
12	$\mathcal{O}(2; \{12, 6^5, 4^{11}, 3, 2\})$	1783627776
12	$\mathcal{O}(2; \{12, 6^6, 4, 3^2, 2^{13}\})$	7050240
12	$\mathcal{O}(2; \{12, 6^6, 4, 3^5, 2^9\})$	56650752
12	$\mathcal{O}(2; \{12, 6^6, 4, 3^8, 2^5\})$	452957184
12	$\mathcal{O}(2; \{12, 6^6, 4, 3^{11}, 2\})$	3623906304
12	$\mathcal{O}(2; \{12, 6^6, 4^3, 3^2, 2^{10}\})$	28200960
12	$\mathcal{O}(2; \{12, 6^6, 4^3, 3^5, 2^6\})$	226603008
12	$\mathcal{O}(2; \{12, 6^6, 4^3, 3^8, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{12, 6^6, 4^5, 3^2, 2^7\})$	112803840
12	$\mathcal{O}(2; \{12, 6^6, 4^5, 3^5, 2^3\})$	906412032
12	$\mathcal{O}(2; \{12, 6^6, 4^7, 3^2, 2^4\})$	451215360
12	$\mathcal{O}(2; \{12, 6^6, 4^7, 3^5\})$	3625648128
12	$\mathcal{O}(2; \{12, 6^6, 4^9, 3^2, 2\})$	1804861440
12	$\mathcal{O}(2; \{12, 6^7, 4, 2^{14}\})$	3566592
12	$\mathcal{O}(2; \{12, 6^7, 4, 3^3, 2^{10}\})$	28283904

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 6^7, 4, 3^6, 2^6\})$	226520064
12	$\mathcal{O}(2; \{12, 6^7, 4, 3^9, 2^2\})$	1811911680
12	$\mathcal{O}(2; \{12, 6^7, 4^3, 2^{11}\})$	14266368
12	$\mathcal{O}(2; \{12, 6^7, 4^3, 3^3, 2^7\})$	113135616
12	$\mathcal{O}(2; \{12, 6^7, 4^3, 3^6, 2^3\})$	906080256
12	$\mathcal{O}(2; \{12, 6^7, 4^5, 2^8\})$	57065472
12	$\mathcal{O}(2; \{12, 6^7, 4^5, 3^3, 2^4\})$	452542464
12	$\mathcal{O}(2; \{12, 6^7, 4^5, 3^6\})$	3624321024
12	$\mathcal{O}(2; \{12, 6^7, 4^7, 2^5\})$	228261888
12	$\mathcal{O}(2; \{12, 6^7, 4^7, 3^3, 2\})$	1810169856
12	$\mathcal{O}(2; \{12, 6^7, 4^9, 2^2\})$	913047552
12	$\mathcal{O}(2; \{12, 6^8, 4, 3, 2^{11}\})$	14183424
12	$\mathcal{O}(2; \{12, 6^8, 4, 3^4, 2^7\})$	113218560
12	$\mathcal{O}(2; \{12, 6^8, 4, 3^7, 2^3\})$	905997312
12	$\mathcal{O}(2; \{12, 6^8, 4^3, 3, 2^8\})$	56733696
12	$\mathcal{O}(2; \{12, 6^8, 4^3, 3^4, 2^4\})$	452874240
12	$\mathcal{O}(2; \{12, 6^8, 4^3, 3^7\})$	3623989248
12	$\mathcal{O}(2; \{12, 6^8, 4^5, 3, 2^5\})$	226934784
12	$\mathcal{O}(2; \{12, 6^8, 4^5, 3^4, 2\})$	1811496960
12	$\mathcal{O}(2; \{12, 6^8, 4^7, 3, 2^2\})$	907739136
12	$\mathcal{O}(2; \{12, 6^9, 4, 3^2, 2^8\})$	56650752
12	$\mathcal{O}(2; \{12, 6^9, 4, 3^5, 2^4\})$	452957184
12	$\mathcal{O}(2; \{12, 6^9, 4, 3^8\})$	3623906304
12	$\mathcal{O}(2; \{12, 6^9, 4^3, 3^2, 2^5\})$	226603008
12	$\mathcal{O}(2; \{12, 6^9, 4^3, 3^5, 2\})$	1811828736
12	$\mathcal{O}(2; \{12, 6^9, 4^5, 3^2, 2^2\})$	906412032
12	$\mathcal{O}(2; \{12, 6^{10}, 4, 2^9\})$	28283904
12	$\mathcal{O}(2; \{12, 6^{10}, 4, 3^3, 2^5\})$	226520064
12	$\mathcal{O}(2; \{12, 6^{10}, 4, 3^6, 2\})$	1811911680
12	$\mathcal{O}(2; \{12, 6^{10}, 4^3, 2^6\})$	113135616
12	$\mathcal{O}(2; \{12, 6^{10}, 4^3, 3^3, 2^2\})$	906080256
12	$\mathcal{O}(2; \{12, 6^{10}, 4^5, 2^3\})$	452542464
12	$\mathcal{O}(2; \{12, 6^{10}, 4^7\})$	1810169856
12	$\mathcal{O}(2; \{12, 6^{11}, 4, 3, 2^6\})$	113218560
12	$\mathcal{O}(2; \{12, 6^{11}, 4, 3^4, 2^2\})$	905997312
12	$\mathcal{O}(2; \{12, 6^{11}, 4^3, 3, 2^3\})$	452874240
12	$\mathcal{O}(2; \{12, 6^{11}, 4^5, 3\})$	1811496960
12	$\mathcal{O}(2; \{12, 6^{12}, 4, 3^2, 2^3\})$	452957184
12	$\mathcal{O}(2; \{12, 6^{12}, 4^3, 3^2\})$	1811828736
12	$\mathcal{O}(2; \{12, 6^{13}, 4, 2^4\})$	226520064
12	$\mathcal{O}(2; \{12, 6^{13}, 4, 3^3\})$	1811911680
12	$\mathcal{O}(2; \{12, 6^{13}, 4^3, 2\})$	906080256
12	$\mathcal{O}(2; \{12, 6^{14}, 4, 3, 2\})$	905997312

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 3, 2^{24}\})$	82944
12	$\mathcal{O}(2; \{12^2, 3^4, 2^{20}\})$	912384
12	$\mathcal{O}(2; \{12^2, 3^7, 2^{16}\})$	7050240
12	$\mathcal{O}(2; \{12^2, 3^{10}, 2^{12}\})$	56650752
12	$\mathcal{O}(2; \{12^2, 3^{13}, 2^8\})$	452957184
12	$\mathcal{O}(2; \{12^2, 3^{16}, 2^4\})$	3623906304
12	$\mathcal{O}(2; \{12^2, 3^{19}\})$	28991001600
12	$\mathcal{O}(2; \{12^2, 4^2, 3, 2^{21}\})$	331776
12	$\mathcal{O}(2; \{12^2, 4^2, 3^4, 2^{17}\})$	3649536
12	$\mathcal{O}(2; \{12^2, 4^2, 3^7, 2^{13}\})$	28200960
12	$\mathcal{O}(2; \{12^2, 4^2, 3^{10}, 2^9\})$	226603008
12	$\mathcal{O}(2; \{12^2, 4^2, 3^{13}, 2^5\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 4^2, 3^{16}, 2\})$	14495625216
12	$\mathcal{O}(2; \{12^2, 4^4, 3, 2^{18}\})$	1327104
12	$\mathcal{O}(2; \{12^2, 4^4, 3^4, 2^{14}\})$	14598144
12	$\mathcal{O}(2; \{12^2, 4^4, 3^7, 2^{10}\})$	112803840
12	$\mathcal{O}(2; \{12^2, 4^4, 3^{10}, 2^6\})$	906412032
12	$\mathcal{O}(2; \{12^2, 4^4, 3^{13}, 2^2\})$	7247314944
12	$\mathcal{O}(2; \{12^2, 4^6, 3, 2^{15}\})$	5308416
12	$\mathcal{O}(2; \{12^2, 4^6, 3^4, 2^{11}\})$	58392576
12	$\mathcal{O}(2; \{12^2, 4^6, 3^7, 2^7\})$	451215360
12	$\mathcal{O}(2; \{12^2, 4^6, 3^{10}, 2^3\})$	3625648128
12	$\mathcal{O}(2; \{12^2, 4^8, 3, 2^{12}\})$	21233664
12	$\mathcal{O}(2; \{12^2, 4^8, 3^4, 2^8\})$	233570304
12	$\mathcal{O}(2; \{12^2, 4^8, 3^7, 2^4\})$	1804861440
12	$\mathcal{O}(2; \{12^2, 4^8, 3^{10}\})$	14502592512
12	$\mathcal{O}(2; \{12^2, 4^{10}, 3, 2^9\})$	84934656
12	$\mathcal{O}(2; \{12^2, 4^{10}, 3^4, 2^5\})$	934281216
12	$\mathcal{O}(2; \{12^2, 4^{10}, 3^7, 2\})$	7219445760
12	$\mathcal{O}(2; \{12^2, 4^{12}, 3, 2^6\})$	339738624
12	$\mathcal{O}(2; \{12^2, 4^{12}, 3^4, 2^2\})$	3737124864
12	$\mathcal{O}(2; \{12^2, 4^{14}, 3, 2^3\})$	1358954496
12	$\mathcal{O}(2; \{12^2, 4^{16}, 3\})$	5435817984
12	$\mathcal{O}(2; \{12^2, 6, 3^2, 2^{21}\})$	414720
12	$\mathcal{O}(2; \{12^2, 6, 3^5, 2^{17}\})$	3566592
12	$\mathcal{O}(2; \{12^2, 6, 3^8, 2^{13}\})$	28283904
12	$\mathcal{O}(2; \{12^2, 6, 3^{11}, 2^9\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6, 3^{14}, 2^5\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6, 3^{17}, 2\})$	14495542272
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^2, 2^{18}\})$	1658880
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^5, 2^{14}\})$	14266368
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^8, 2^{10}\})$	113135616
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^{11}, 2^6\})$	906080256

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^{14}, 2^2\})$	7247646720
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^2, 2^{15}\})$	6635520
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^5, 2^{11}\})$	57065472
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^8, 2^7\})$	452542464
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^{11}, 2^3\})$	3624321024
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 3^2, 2^{12}\})$	26542080
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 3^5, 2^8\})$	228261888
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 3^8, 2^4\})$	1810169856
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 3^{11}\})$	14497284096
12	$\mathcal{O}(2; \{12^2, 6, 4^8, 3^2, 2^9\})$	106168320
12	$\mathcal{O}(2; \{12^2, 6, 4^8, 3^5, 2^5\})$	913047552
12	$\mathcal{O}(2; \{12^2, 6, 4^8, 3^8, 2\})$	7240679424
12	$\mathcal{O}(2; \{12^2, 6, 4^{10}, 3^2, 2^6\})$	424673280
12	$\mathcal{O}(2; \{12^2, 6, 4^{10}, 3^5, 2^2\})$	3652190208
12	$\mathcal{O}(2; \{12^2, 6, 4^{12}, 3^2, 2^3\})$	1698693120
12	$\mathcal{O}(2; \{12^2, 6, 4^{14}, 3^2\})$	6794772480
12	$\mathcal{O}(2; \{12^2, 6^2, 2^{22}\})$	248832
12	$\mathcal{O}(2; \{12^2, 6^2, 3^3, 2^{18}\})$	1741824
12	$\mathcal{O}(2; \{12^2, 6^2, 3^6, 2^{14}\})$	14183424
12	$\mathcal{O}(2; \{12^2, 6^2, 3^9, 2^{10}\})$	113218560
12	$\mathcal{O}(2; \{12^2, 6^2, 3^{12}, 2^6\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^2, 3^{15}, 2^2\})$	7247729664
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 2^{19}\})$	995328
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^3, 2^{15}\})$	6967296
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^6, 2^{11}\})$	56733696
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^9, 2^7\})$	452874240
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^{12}, 2^3\})$	3623989248
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 2^{16}\})$	3981312
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3^3, 2^{12}\})$	27869184
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3^6, 2^8\})$	226934784
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3^9, 2^4\})$	1811496960
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3^{12}\})$	14495956992
12	$\mathcal{O}(2; \{12^2, 6^2, 4^6, 2^{13}\})$	15925248
12	$\mathcal{O}(2; \{12^2, 6^2, 4^6, 3^3, 2^9\})$	111476736
12	$\mathcal{O}(2; \{12^2, 6^2, 4^6, 3^6, 2^5\})$	907739136
12	$\mathcal{O}(2; \{12^2, 6^2, 4^6, 3^9, 2\})$	7245987840
12	$\mathcal{O}(2; \{12^2, 6^2, 4^8, 2^{10}\})$	63700992
12	$\mathcal{O}(2; \{12^2, 6^2, 4^8, 3^3, 2^6\})$	445906944
12	$\mathcal{O}(2; \{12^2, 6^2, 4^8, 3^6, 2^2\})$	3630956544
12	$\mathcal{O}(2; \{12^2, 6^2, 4^{10}, 2^7\})$	254803968
12	$\mathcal{O}(2; \{12^2, 6^2, 4^{10}, 3^3, 2^3\})$	1783627776
12	$\mathcal{O}(2; \{12^2, 6^2, 4^{12}, 2^4\})$	1019215872
12	$\mathcal{O}(2; \{12^2, 6^2, 4^{12}, 3^3\})$	7134511104

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 6^2, 4^{14}, 2\})$	4076863488
12	$\mathcal{O}(2; \{12^2, 6^3, 3, 2^{19}\})$	912384
12	$\mathcal{O}(2; \{12^2, 6^3, 3^4, 2^{15}\})$	7050240
12	$\mathcal{O}(2; \{12^2, 6^3, 3^7, 2^{11}\})$	56650752
12	$\mathcal{O}(2; \{12^2, 6^3, 3^{10}, 2^7\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^3, 3^{13}, 2^3\})$	3623906304
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3, 2^{16}\})$	3649536
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^4, 2^{12}\})$	28200960
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^7, 2^8\})$	226603008
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^{10}, 2^4\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^{13}\})$	14495625216
12	$\mathcal{O}(2; \{12^2, 6^3, 4^4, 3, 2^{13}\})$	14598144
12	$\mathcal{O}(2; \{12^2, 6^3, 4^4, 3^4, 2^9\})$	112803840
12	$\mathcal{O}(2; \{12^2, 6^3, 4^4, 3^7, 2^5\})$	906412032
12	$\mathcal{O}(2; \{12^2, 6^3, 4^4, 3^{10}, 2\})$	7247314944
12	$\mathcal{O}(2; \{12^2, 6^3, 4^6, 3, 2^{10}\})$	58392576
12	$\mathcal{O}(2; \{12^2, 6^3, 4^6, 3^4, 2^6\})$	451215360
12	$\mathcal{O}(2; \{12^2, 6^3, 4^6, 3^7, 2^2\})$	3625648128
12	$\mathcal{O}(2; \{12^2, 6^3, 4^8, 3, 2^7\})$	233570304
12	$\mathcal{O}(2; \{12^2, 6^3, 4^8, 3^4, 2^3\})$	1804861440
12	$\mathcal{O}(2; \{12^2, 6^3, 4^{10}, 3, 2^4\})$	934281216
12	$\mathcal{O}(2; \{12^2, 6^3, 4^{10}, 3^4\})$	7219445760
12	$\mathcal{O}(2; \{12^2, 6^3, 4^{12}, 3, 2\})$	3737124864
12	$\mathcal{O}(2; \{12^2, 6^4, 3^2, 2^{16}\})$	3566592
12	$\mathcal{O}(2; \{12^2, 6^4, 3^5, 2^{12}\})$	28283904
12	$\mathcal{O}(2; \{12^2, 6^4, 3^8, 2^8\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^4, 3^{11}, 2^4\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6^4, 3^{14}\})$	14495542272
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 3^2, 2^{13}\})$	14266368
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 3^5, 2^9\})$	113135616
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 3^8, 2^5\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 3^{11}, 2\})$	7247646720
12	$\mathcal{O}(2; \{12^2, 6^4, 4^4, 3^2, 2^{10}\})$	57065472
12	$\mathcal{O}(2; \{12^2, 6^4, 4^4, 3^5, 2^6\})$	452542464
12	$\mathcal{O}(2; \{12^2, 6^4, 4^4, 3^8, 2^2\})$	3624321024
12	$\mathcal{O}(2; \{12^2, 6^4, 4^6, 3^2, 2^7\})$	228261888
12	$\mathcal{O}(2; \{12^2, 6^4, 4^6, 3^5, 2^3\})$	1810169856
12	$\mathcal{O}(2; \{12^2, 6^4, 4^8, 3^2, 2^4\})$	913047552
12	$\mathcal{O}(2; \{12^2, 6^4, 4^8, 3^5\})$	7240679424
12	$\mathcal{O}(2; \{12^2, 6^4, 4^{10}, 3^2, 2\})$	3652190208
12	$\mathcal{O}(2; \{12^2, 6^5, 2^{17}\})$	1741824
12	$\mathcal{O}(2; \{12^2, 6^5, 3^3, 2^{13}\})$	14183424
12	$\mathcal{O}(2; \{12^2, 6^5, 3^6, 2^9\})$	113218560

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 6^5, 3^9, 2^5\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^5, 3^{12}, 2\})$	7247729664
12	$\mathcal{O}(2; \{12^2, 6^5, 4^2, 2^{14}\})$	6967296
12	$\mathcal{O}(2; \{12^2, 6^5, 4^2, 3^3, 2^{10}\})$	56733696
12	$\mathcal{O}(2; \{12^2, 6^5, 4^2, 3^6, 2^6\})$	452874240
12	$\mathcal{O}(2; \{12^2, 6^5, 4^2, 3^9, 2^2\})$	3623989248
12	$\mathcal{O}(2; \{12^2, 6^5, 4^4, 2^{11}\})$	27869184
12	$\mathcal{O}(2; \{12^2, 6^5, 4^4, 3^3, 2^7\})$	226934784
12	$\mathcal{O}(2; \{12^2, 6^5, 4^4, 3^6, 2^3\})$	1811496960
12	$\mathcal{O}(2; \{12^2, 6^5, 4^6, 2^8\})$	111476736
12	$\mathcal{O}(2; \{12^2, 6^5, 4^6, 3^3, 2^4\})$	907739136
12	$\mathcal{O}(2; \{12^2, 6^5, 4^6, 3^6\})$	7245987840
12	$\mathcal{O}(2; \{12^2, 6^5, 4^8, 2^5\})$	445906944
12	$\mathcal{O}(2; \{12^2, 6^5, 4^8, 3^3, 2\})$	3630956544
12	$\mathcal{O}(2; \{12^2, 6^5, 4^{10}, 2^2\})$	1783627776
12	$\mathcal{O}(2; \{12^2, 6^6, 3, 2^{14}\})$	7050240
12	$\mathcal{O}(2; \{12^2, 6^6, 3^4, 2^{10}\})$	56650752
12	$\mathcal{O}(2; \{12^2, 6^6, 3^7, 2^6\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^6, 3^{10}, 2^2\})$	3623906304
12	$\mathcal{O}(2; \{12^2, 6^6, 4^2, 3, 2^{11}\})$	28200960
12	$\mathcal{O}(2; \{12^2, 6^6, 4^2, 3^4, 2^7\})$	226603008
12	$\mathcal{O}(2; \{12^2, 6^6, 4^2, 3^7, 2^3\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6^6, 4^4, 3, 2^8\})$	112803840
12	$\mathcal{O}(2; \{12^2, 6^6, 4^4, 3^4, 2^4\})$	906412032
12	$\mathcal{O}(2; \{12^2, 6^6, 4^4, 3^7\})$	7247314944
12	$\mathcal{O}(2; \{12^2, 6^6, 4^6, 3, 2^5\})$	451215360
12	$\mathcal{O}(2; \{12^2, 6^6, 4^6, 3^4, 2\})$	3625648128
12	$\mathcal{O}(2; \{12^2, 6^6, 4^8, 3, 2^2\})$	1804861440
12	$\mathcal{O}(2; \{12^2, 6^7, 3^2, 2^{11}\})$	28283904
12	$\mathcal{O}(2; \{12^2, 6^7, 3^5, 2^7\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^7, 3^8, 2^3\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6^7, 4^2, 3^2, 2^8\})$	113135616
12	$\mathcal{O}(2; \{12^2, 6^7, 4^2, 3^5, 2^4\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^7, 4^2, 3^8\})$	7247646720
12	$\mathcal{O}(2; \{12^2, 6^7, 4^4, 3^2, 2^5\})$	452542464
12	$\mathcal{O}(2; \{12^2, 6^7, 4^4, 3^5, 2\})$	3624321024
12	$\mathcal{O}(2; \{12^2, 6^7, 4^6, 3^2, 2^2\})$	1810169856
12	$\mathcal{O}(2; \{12^2, 6^8, 2^{12}\})$	14183424
12	$\mathcal{O}(2; \{12^2, 6^8, 3^3, 2^8\})$	113218560
12	$\mathcal{O}(2; \{12^2, 6^8, 3^6, 2^4\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^8, 3^9\})$	7247729664
12	$\mathcal{O}(2; \{12^2, 6^8, 4^2, 2^9\})$	56733696
12	$\mathcal{O}(2; \{12^2, 6^8, 4^2, 3^3, 2^5\})$	452874240

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 6^8, 4^2, 3^6, 2\})$	3623989248
12	$\mathcal{O}(2; \{12^2, 6^8, 4^4, 2^6\})$	226934784
12	$\mathcal{O}(2; \{12^2, 6^8, 4^4, 3^3, 2^2\})$	1811496960
12	$\mathcal{O}(2; \{12^2, 6^8, 4^6, 2^3\})$	907739136
12	$\mathcal{O}(2; \{12^2, 6^8, 4^8\})$	3630956544
12	$\mathcal{O}(2; \{12^2, 6^9, 3, 2^9\})$	56650752
12	$\mathcal{O}(2; \{12^2, 6^9, 3^4, 2^5\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^9, 3^7, 2\})$	3623906304
12	$\mathcal{O}(2; \{12^2, 6^9, 4^2, 3, 2^6\})$	226603008
12	$\mathcal{O}(2; \{12^2, 6^9, 4^2, 3^4, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6^9, 4^4, 3, 2^3\})$	906412032
12	$\mathcal{O}(2; \{12^2, 6^9, 4^6, 3\})$	3625648128
12	$\mathcal{O}(2; \{12^2, 6^{10}, 3^2, 2^6\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^{10}, 3^5, 2^2\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6^{10}, 4^2, 3^2, 2^3\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^{10}, 4^4, 3^2\})$	3624321024
12	$\mathcal{O}(2; \{12^2, 6^{11}, 2^7\})$	113218560
12	$\mathcal{O}(2; \{12^2, 6^{11}, 3^3, 2^3\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^{11}, 4^2, 2^4\})$	452874240
12	$\mathcal{O}(2; \{12^2, 6^{11}, 4^2, 3^3\})$	3623989248
12	$\mathcal{O}(2; \{12^2, 6^{11}, 4^4, 2\})$	1811496960
12	$\mathcal{O}(2; \{12^2, 6^{12}, 3, 2^4\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^{12}, 3^4\})$	3623906304
12	$\mathcal{O}(2; \{12^2, 6^{12}, 4^2, 3, 2\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6^{13}, 3^2, 2\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6^{14}, 2^2\})$	905997312
12	$\mathcal{O}(2; \{12^3, 4, 2^{22}\})$	331776
12	$\mathcal{O}(2; \{12^3, 4, 3^3, 2^{18}\})$	3649536
12	$\mathcal{O}(2; \{12^3, 4, 3^6, 2^{14}\})$	28200960
12	$\mathcal{O}(2; \{12^3, 4, 3^9, 2^{10}\})$	226603008
12	$\mathcal{O}(2; \{12^3, 4, 3^{12}, 2^6\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 4, 3^{15}, 2^2\})$	14495625216
12	$\mathcal{O}(2; \{12^3, 4^3, 2^{19}\})$	1327104
12	$\mathcal{O}(2; \{12^3, 4^3, 3^3, 2^{15}\})$	14598144
12	$\mathcal{O}(2; \{12^3, 4^3, 3^6, 2^{11}\})$	112803840
12	$\mathcal{O}(2; \{12^3, 4^3, 3^9, 2^7\})$	906412032
12	$\mathcal{O}(2; \{12^3, 4^3, 3^{12}, 2^3\})$	7247314944
12	$\mathcal{O}(2; \{12^3, 4^5, 2^{16}\})$	5308416
12	$\mathcal{O}(2; \{12^3, 4^5, 3^3, 2^{12}\})$	58392576
12	$\mathcal{O}(2; \{12^3, 4^5, 3^6, 2^8\})$	451215360
12	$\mathcal{O}(2; \{12^3, 4^5, 3^9, 2^4\})$	3625648128
12	$\mathcal{O}(2; \{12^3, 4^5, 3^{12}\})$	28989259776
12	$\mathcal{O}(2; \{12^3, 4^7, 2^{13}\})$	21233664

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^3, 4^7, 3^3, 2^9\})$	233570304
12	$\mathcal{O}(2; \{12^3, 4^7, 3^6, 2^5\})$	1804861440
12	$\mathcal{O}(2; \{12^3, 4^7, 3^9, 2\})$	14502592512
12	$\mathcal{O}(2; \{12^3, 4^9, 2^{10}\})$	84934656
12	$\mathcal{O}(2; \{12^3, 4^9, 3^3, 2^6\})$	934281216
12	$\mathcal{O}(2; \{12^3, 4^9, 3^6, 2^2\})$	7219445760
12	$\mathcal{O}(2; \{12^3, 4^{11}, 2^7\})$	339738624
12	$\mathcal{O}(2; \{12^3, 4^{11}, 3^3, 2^3\})$	3737124864
12	$\mathcal{O}(2; \{12^3, 4^{13}, 2^4\})$	1358954496
12	$\mathcal{O}(2; \{12^3, 4^{13}, 3^3\})$	14948499456
12	$\mathcal{O}(2; \{12^3, 4^{15}, 2\})$	5435817984
12	$\mathcal{O}(2; \{12^3, 6, 4, 3, 2^{19}\})$	1658880
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^4, 2^{15}\})$	14266368
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^7, 2^{11}\})$	113135616
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^{10}, 2^7\})$	906080256
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^{13}, 2^3\})$	7247646720
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3, 2^{16}\})$	6635520
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^4, 2^{12}\})$	57065472
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^7, 2^8\})$	452542464
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^{10}, 2^4\})$	3624321024
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^{13}\})$	28990586880
12	$\mathcal{O}(2; \{12^3, 6, 4^5, 3, 2^{13}\})$	26542080
12	$\mathcal{O}(2; \{12^3, 6, 4^5, 3^4, 2^9\})$	228261888
12	$\mathcal{O}(2; \{12^3, 6, 4^5, 3^7, 2^5\})$	1810169856
12	$\mathcal{O}(2; \{12^3, 6, 4^5, 3^{10}, 2\})$	14497284096
12	$\mathcal{O}(2; \{12^3, 6, 4^7, 3, 2^{10}\})$	106168320
12	$\mathcal{O}(2; \{12^3, 6, 4^7, 3^4, 2^6\})$	913047552
12	$\mathcal{O}(2; \{12^3, 6, 4^7, 3^7, 2^2\})$	7240679424
12	$\mathcal{O}(2; \{12^3, 6, 4^9, 3, 2^7\})$	424673280
12	$\mathcal{O}(2; \{12^3, 6, 4^9, 3^4, 2^3\})$	3652190208
12	$\mathcal{O}(2; \{12^3, 6, 4^{11}, 3, 2^4\})$	1698693120
12	$\mathcal{O}(2; \{12^3, 6, 4^{11}, 3^4\})$	14608760832
12	$\mathcal{O}(2; \{12^3, 6, 4^{13}, 3, 2\})$	6794772480
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^2, 2^{16}\})$	6967296
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^5, 2^{12}\})$	56733696
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^8, 2^8\})$	452874240
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^{11}, 2^4\})$	3623989248
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^{14}\})$	28990918656
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 3^2, 2^{13}\})$	27869184
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 3^5, 2^9\})$	226934784
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 3^8, 2^5\})$	1811496960
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 3^{11}, 2\})$	14495956992
12	$\mathcal{O}(2; \{12^3, 6^2, 4^5, 3^2, 2^{10}\})$	111476736

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^3, 6^2, 4^5, 3^5, 2^6\})$	907739136
12	$\mathcal{O}(2; \{12^3, 6^2, 4^5, 3^8, 2^2\})$	7245987840
12	$\mathcal{O}(2; \{12^3, 6^2, 4^7, 3^2, 2^7\})$	445906944
12	$\mathcal{O}(2; \{12^3, 6^2, 4^7, 3^5, 2^3\})$	3630956544
12	$\mathcal{O}(2; \{12^3, 6^2, 4^9, 3^2, 2^4\})$	1783627776
12	$\mathcal{O}(2; \{12^3, 6^2, 4^9, 3^5\})$	14523826176
12	$\mathcal{O}(2; \{12^3, 6^2, 4^{11}, 3^2, 2\})$	7134511104
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 2^{17}\})$	3649536
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3^3, 2^{13}\})$	28200960
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3^6, 2^9\})$	226603008
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3^9, 2^5\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3^{12}, 2\})$	14495625216
12	$\mathcal{O}(2; \{12^3, 6^3, 4^3, 2^{14}\})$	14598144
12	$\mathcal{O}(2; \{12^3, 6^3, 4^3, 3^3, 2^{10}\})$	112803840
12	$\mathcal{O}(2; \{12^3, 6^3, 4^3, 3^6, 2^6\})$	906412032
12	$\mathcal{O}(2; \{12^3, 6^3, 4^3, 3^9, 2^2\})$	7247314944
12	$\mathcal{O}(2; \{12^3, 6^3, 4^5, 2^{11}\})$	58392576
12	$\mathcal{O}(2; \{12^3, 6^3, 4^5, 3^3, 2^7\})$	451215360
12	$\mathcal{O}(2; \{12^3, 6^3, 4^5, 3^6, 2^3\})$	3625648128
12	$\mathcal{O}(2; \{12^3, 6^3, 4^7, 2^8\})$	233570304
12	$\mathcal{O}(2; \{12^3, 6^3, 4^7, 3^3, 2^4\})$	1804861440
12	$\mathcal{O}(2; \{12^3, 6^3, 4^7, 3^6\})$	14502592512
12	$\mathcal{O}(2; \{12^3, 6^3, 4^9, 2^5\})$	934281216
12	$\mathcal{O}(2; \{12^3, 6^3, 4^9, 3^3, 2\})$	7219445760
12	$\mathcal{O}(2; \{12^3, 6^3, 4^{11}, 2^2\})$	3737124864
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 3, 2^{14}\})$	14266368
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 3^4, 2^{10}\})$	113135616
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 3^7, 2^6\})$	906080256
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 3^{10}, 2^2\})$	7247646720
12	$\mathcal{O}(2; \{12^3, 6^4, 4^3, 3, 2^{11}\})$	57065472
12	$\mathcal{O}(2; \{12^3, 6^4, 4^3, 3^4, 2^7\})$	452542464
12	$\mathcal{O}(2; \{12^3, 6^4, 4^3, 3^7, 2^3\})$	3624321024
12	$\mathcal{O}(2; \{12^3, 6^4, 4^5, 3, 2^8\})$	228261888
12	$\mathcal{O}(2; \{12^3, 6^4, 4^5, 3^4, 2^4\})$	1810169856
12	$\mathcal{O}(2; \{12^3, 6^4, 4^5, 3^7\})$	14497284096
12	$\mathcal{O}(2; \{12^3, 6^4, 4^7, 3, 2^5\})$	913047552
12	$\mathcal{O}(2; \{12^3, 6^4, 4^7, 3^4, 2\})$	7240679424
12	$\mathcal{O}(2; \{12^3, 6^4, 4^9, 3, 2^2\})$	3652190208
12	$\mathcal{O}(2; \{12^3, 6^5, 4, 3^2, 2^{11}\})$	56733696
12	$\mathcal{O}(2; \{12^3, 6^5, 4, 3^5, 2^7\})$	452874240
12	$\mathcal{O}(2; \{12^3, 6^5, 4, 3^8, 2^3\})$	3623989248
12	$\mathcal{O}(2; \{12^3, 6^5, 4^3, 3^2, 2^8\})$	226934784
12	$\mathcal{O}(2; \{12^3, 6^5, 4^3, 3^5, 2^4\})$	1811496960

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^3, 6^5, 4^3, 3^8\})$	14495956992
12	$\mathcal{O}(2; \{12^3, 6^5, 4^5, 3^2, 2^5\})$	907739136
12	$\mathcal{O}(2; \{12^3, 6^5, 4^5, 3^5, 2\})$	7245987840
12	$\mathcal{O}(2; \{12^3, 6^5, 4^7, 3^2, 2^2\})$	3630956544
12	$\mathcal{O}(2; \{12^3, 6^6, 4, 2^{12}\})$	28200960
12	$\mathcal{O}(2; \{12^3, 6^6, 4, 3^3, 2^8\})$	226603008
12	$\mathcal{O}(2; \{12^3, 6^6, 4, 3^6, 2^4\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 6^6, 4, 3^9\})$	14495625216
12	$\mathcal{O}(2; \{12^3, 6^6, 4^3, 2^9\})$	112803840
12	$\mathcal{O}(2; \{12^3, 6^6, 4^3, 3^3, 2^5\})$	906412032
12	$\mathcal{O}(2; \{12^3, 6^6, 4^3, 3^6, 2\})$	7247314944
12	$\mathcal{O}(2; \{12^3, 6^6, 4^5, 2^6\})$	451215360
12	$\mathcal{O}(2; \{12^3, 6^6, 4^5, 3^3, 2^2\})$	3625648128
12	$\mathcal{O}(2; \{12^3, 6^6, 4^7, 2^3\})$	1804861440
12	$\mathcal{O}(2; \{12^3, 6^6, 4^9\})$	7219445760
12	$\mathcal{O}(2; \{12^3, 6^7, 4, 3, 2^9\})$	113135616
12	$\mathcal{O}(2; \{12^3, 6^7, 4, 3^4, 2^5\})$	906080256
12	$\mathcal{O}(2; \{12^3, 6^7, 4, 3^7, 2\})$	7247646720
12	$\mathcal{O}(2; \{12^3, 6^7, 4^3, 3, 2^6\})$	452542464
12	$\mathcal{O}(2; \{12^3, 6^7, 4^3, 3^4, 2^2\})$	3624321024
12	$\mathcal{O}(2; \{12^3, 6^7, 4^5, 3, 2^3\})$	1810169856
12	$\mathcal{O}(2; \{12^3, 6^7, 4^7, 3\})$	7240679424
12	$\mathcal{O}(2; \{12^3, 6^8, 4, 3^2, 2^6\})$	452874240
12	$\mathcal{O}(2; \{12^3, 6^8, 4, 3^5, 2^2\})$	3623989248
12	$\mathcal{O}(2; \{12^3, 6^8, 4^3, 3^2, 2^3\})$	1811496960
12	$\mathcal{O}(2; \{12^3, 6^8, 4^5, 3^2\})$	7245987840
12	$\mathcal{O}(2; \{12^3, 6^9, 4, 2^7\})$	226603008
12	$\mathcal{O}(2; \{12^3, 6^9, 4, 3^3, 2^3\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 6^9, 4^3, 2^4\})$	906412032
12	$\mathcal{O}(2; \{12^3, 6^9, 4^3, 3^3\})$	7247314944
12	$\mathcal{O}(2; \{12^3, 6^9, 4^5, 2\})$	3625648128
12	$\mathcal{O}(2; \{12^3, 6^{10}, 4, 3, 2^4\})$	906080256
12	$\mathcal{O}(2; \{12^3, 6^{10}, 4, 3^4\})$	7247646720
12	$\mathcal{O}(2; \{12^3, 6^{10}, 4^3, 3, 2\})$	3624321024
12	$\mathcal{O}(2; \{12^3, 6^{11}, 4, 3^2, 2\})$	3623989248
12	$\mathcal{O}(2; \{12^3, 6^{12}, 4, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 3^2, 2^{19}\})$	3649536
12	$\mathcal{O}(2; \{12^4, 3^5, 2^{15}\})$	28200960
12	$\mathcal{O}(2; \{12^4, 3^8, 2^{11}\})$	226603008
12	$\mathcal{O}(2; \{12^4, 3^{11}, 2^7\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 3^{14}, 2^3\})$	14495625216
12	$\mathcal{O}(2; \{12^4, 4^2, 3^2, 2^{16}\})$	14598144
12	$\mathcal{O}(2; \{12^4, 4^2, 3^5, 2^{12}\})$	112803840

Continued on next page

Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^4, 4^2, 3^8, 2^8\})$	906412032
12	$\mathcal{O}(2; \{12^4, 4^2, 3^{11}, 2^4\})$	7247314944
12	$\mathcal{O}(2; \{12^4, 4^2, 3^{14}\})$	57982500864
12	$\mathcal{O}(2; \{12^4, 4^4, 3^2, 2^{13}\})$	58392576
12	$\mathcal{O}(2; \{12^4, 4^4, 3^5, 2^9\})$	451215360
12	$\mathcal{O}(2; \{12^4, 4^4, 3^8, 2^5\})$	3625648128
12	$\mathcal{O}(2; \{12^4, 4^4, 3^{11}, 2\})$	28989259776
12	$\mathcal{O}(2; \{12^4, 4^6, 3^2, 2^{10}\})$	233570304
12	$\mathcal{O}(2; \{12^4, 4^6, 3^5, 2^6\})$	1804861440
12	$\mathcal{O}(2; \{12^4, 4^6, 3^8, 2^2\})$	14502592512
12	$\mathcal{O}(2; \{12^4, 4^8, 3^2, 2^7\})$	934281216
12	$\mathcal{O}(2; \{12^4, 4^8, 3^5, 2^3\})$	7219445760
12	$\mathcal{O}(2; \{12^4, 4^{10}, 3^2, 2^4\})$	3737124864
12	$\mathcal{O}(2; \{12^4, 4^{10}, 3^5\})$	28877783040
12	$\mathcal{O}(2; \{12^4, 4^{12}, 3^2, 2\})$	14948499456
12	$\mathcal{O}(2; \{12^4, 6, 2^{20}\})$	1658880
12	$\mathcal{O}(2; \{12^4, 6, 3^3, 2^{16}\})$	14266368
12	$\mathcal{O}(2; \{12^4, 6, 3^6, 2^{12}\})$	113135616
12	$\mathcal{O}(2; \{12^4, 6, 3^9, 2^8\})$	906080256
12	$\mathcal{O}(2; \{12^4, 6, 3^{12}, 2^4\})$	7247646720
12	$\mathcal{O}(2; \{12^4, 6, 3^{15}\})$	57982169088
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 2^{17}\})$	6635520
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3^3, 2^{13}\})$	57065472
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3^6, 2^9\})$	452542464
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3^9, 2^5\})$	3624321024
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3^{12}, 2\})$	28990586880
12	$\mathcal{O}(2; \{12^4, 6, 4^4, 2^{14}\})$	26542080
12	$\mathcal{O}(2; \{12^4, 6, 4^4, 3^3, 2^{10}\})$	228261888
12	$\mathcal{O}(2; \{12^4, 6, 4^4, 3^6, 2^6\})$	1810169856
12	$\mathcal{O}(2; \{12^4, 6, 4^4, 3^9, 2^2\})$	14497284096
12	$\mathcal{O}(2; \{12^4, 6, 4^6, 2^{11}\})$	106168320
12	$\mathcal{O}(2; \{12^4, 6, 4^6, 3^3, 2^7\})$	913047552
12	$\mathcal{O}(2; \{12^4, 6, 4^6, 3^6, 2^3\})$	7240679424
12	$\mathcal{O}(2; \{12^4, 6, 4^8, 2^8\})$	424673280
12	$\mathcal{O}(2; \{12^4, 6, 4^8, 3^3, 2^4\})$	3652190208
12	$\mathcal{O}(2; \{12^4, 6, 4^8, 3^6\})$	28962717696
12	$\mathcal{O}(2; \{12^4, 6, 4^{10}, 2^5\})$	1698693120
12	$\mathcal{O}(2; \{12^4, 6, 4^{10}, 3^3, 2\})$	14608760832
12	$\mathcal{O}(2; \{12^4, 6, 4^{12}, 2^2\})$	6794772480
12	$\mathcal{O}(2; \{12^4, 6^2, 3, 2^{17}\})$	6967296
12	$\mathcal{O}(2; \{12^4, 6^2, 3^4, 2^{13}\})$	56733696
12	$\mathcal{O}(2; \{12^4, 6^2, 3^7, 2^9\})$	452874240
12	$\mathcal{O}(2; \{12^4, 6^2, 3^{10}, 2^5\})$	3623989248

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^4, 6^2, 3^{13}, 2\})$	28990918656
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 3, 2^{14}\})$	27869184
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 3^4, 2^{10}\})$	226934784
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 3^7, 2^6\})$	1811496960
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 3^{10}, 2^2\})$	14495956992
12	$\mathcal{O}(2; \{12^4, 6^2, 4^4, 3, 2^{11}\})$	111476736
12	$\mathcal{O}(2; \{12^4, 6^2, 4^4, 3^4, 2^7\})$	907739136
12	$\mathcal{O}(2; \{12^4, 6^2, 4^4, 3^7, 2^3\})$	7245987840
12	$\mathcal{O}(2; \{12^4, 6^2, 4^6, 3, 2^8\})$	445906944
12	$\mathcal{O}(2; \{12^4, 6^2, 4^6, 3^4, 2^4\})$	3630956544
12	$\mathcal{O}(2; \{12^4, 6^2, 4^6, 3^7\})$	28983951360
12	$\mathcal{O}(2; \{12^4, 6^2, 4^8, 3, 2^5\})$	1783627776
12	$\mathcal{O}(2; \{12^4, 6^2, 4^8, 3^4, 2\})$	14523826176
12	$\mathcal{O}(2; \{12^4, 6^2, 4^{10}, 3, 2^2\})$	7134511104
12	$\mathcal{O}(2; \{12^4, 6^3, 3^2, 2^{14}\})$	28200960
12	$\mathcal{O}(2; \{12^4, 6^3, 3^5, 2^{10}\})$	226603008
12	$\mathcal{O}(2; \{12^4, 6^3, 3^8, 2^6\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 6^3, 3^{11}, 2^2\})$	14495625216
12	$\mathcal{O}(2; \{12^4, 6^3, 4^2, 3^2, 2^{11}\})$	112803840
12	$\mathcal{O}(2; \{12^4, 6^3, 4^2, 3^5, 2^7\})$	906412032
12	$\mathcal{O}(2; \{12^4, 6^3, 4^2, 3^8, 2^3\})$	7247314944
12	$\mathcal{O}(2; \{12^4, 6^3, 4^4, 3^2, 2^8\})$	451215360
12	$\mathcal{O}(2; \{12^4, 6^3, 4^4, 3^5, 2^4\})$	3625648128
12	$\mathcal{O}(2; \{12^4, 6^3, 4^4, 3^8\})$	28989259776
12	$\mathcal{O}(2; \{12^4, 6^3, 4^6, 3^2, 2^5\})$	1804861440
12	$\mathcal{O}(2; \{12^4, 6^3, 4^6, 3^5, 2\})$	14502592512
12	$\mathcal{O}(2; \{12^4, 6^3, 4^8, 3^2, 2^2\})$	7219445760
12	$\mathcal{O}(2; \{12^4, 6^4, 2^{15}\})$	14266368
12	$\mathcal{O}(2; \{12^4, 6^4, 3^3, 2^{11}\})$	113135616
12	$\mathcal{O}(2; \{12^4, 6^4, 3^6, 2^7\})$	906080256
12	$\mathcal{O}(2; \{12^4, 6^4, 3^9, 2^3\})$	7247646720
12	$\mathcal{O}(2; \{12^4, 6^4, 4^2, 2^{12}\})$	57065472
12	$\mathcal{O}(2; \{12^4, 6^4, 4^2, 3^3, 2^8\})$	452542464
12	$\mathcal{O}(2; \{12^4, 6^4, 4^2, 3^6, 2^4\})$	3624321024
12	$\mathcal{O}(2; \{12^4, 6^4, 4^2, 3^9\})$	28990586880
12	$\mathcal{O}(2; \{12^4, 6^4, 4^4, 2^9\})$	228261888
12	$\mathcal{O}(2; \{12^4, 6^4, 4^4, 3^3, 2^5\})$	1810169856
12	$\mathcal{O}(2; \{12^4, 6^4, 4^4, 3^6, 2\})$	14497284096
12	$\mathcal{O}(2; \{12^4, 6^4, 4^6, 2^6\})$	913047552
12	$\mathcal{O}(2; \{12^4, 6^4, 4^6, 3^3, 2^2\})$	7240679424
12	$\mathcal{O}(2; \{12^4, 6^4, 4^8, 2^3\})$	3652190208
12	$\mathcal{O}(2; \{12^4, 6^4, 4^{10}\})$	14608760832
12	$\mathcal{O}(2; \{12^4, 6^5, 3, 2^{12}\})$	56733696

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^4, 6^5, 3^4, 2^8\})$	452874240
12	$\mathcal{O}(2; \{12^4, 6^5, 3^7, 2^4\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 6^5, 3^{10}\})$	28990918656
12	$\mathcal{O}(2; \{12^4, 6^5, 4^2, 3, 2^9\})$	226934784
12	$\mathcal{O}(2; \{12^4, 6^5, 4^2, 3^4, 2^5\})$	1811496960
12	$\mathcal{O}(2; \{12^4, 6^5, 4^2, 3^7, 2\})$	14495956992
12	$\mathcal{O}(2; \{12^4, 6^5, 4^4, 3, 2^6\})$	907739136
12	$\mathcal{O}(2; \{12^4, 6^5, 4^4, 3^4, 2^2\})$	7245987840
12	$\mathcal{O}(2; \{12^4, 6^5, 4^6, 3, 2^3\})$	3630956544
12	$\mathcal{O}(2; \{12^4, 6^5, 4^8, 3\})$	14523826176
12	$\mathcal{O}(2; \{12^4, 6^6, 3^2, 2^9\})$	226603008
12	$\mathcal{O}(2; \{12^4, 6^6, 3^5, 2^5\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 6^6, 3^8, 2\})$	14495625216
12	$\mathcal{O}(2; \{12^4, 6^6, 4^2, 3^2, 2^6\})$	906412032
12	$\mathcal{O}(2; \{12^4, 6^6, 4^2, 3^5, 2^2\})$	7247314944
12	$\mathcal{O}(2; \{12^4, 6^6, 4^4, 3^2, 2^3\})$	3625648128
12	$\mathcal{O}(2; \{12^4, 6^6, 4^6, 3^2\})$	14502592512
12	$\mathcal{O}(2; \{12^4, 6^7, 2^{10}\})$	113135616
12	$\mathcal{O}(2; \{12^4, 6^7, 3^3, 2^6\})$	906080256
12	$\mathcal{O}(2; \{12^4, 6^7, 3^6, 2^2\})$	7247646720
12	$\mathcal{O}(2; \{12^4, 6^7, 4^2, 2^7\})$	452542464
12	$\mathcal{O}(2; \{12^4, 6^7, 4^2, 3^3, 2^3\})$	3624321024
12	$\mathcal{O}(2; \{12^4, 6^7, 4^4, 2^4\})$	1810169856
12	$\mathcal{O}(2; \{12^4, 6^7, 4^4, 3^3\})$	14497284096
12	$\mathcal{O}(2; \{12^4, 6^7, 4^6, 2\})$	7240679424
12	$\mathcal{O}(2; \{12^4, 6^8, 3, 2^7\})$	452874240
12	$\mathcal{O}(2; \{12^4, 6^8, 3^4, 2^3\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 6^8, 4^2, 3, 2^4\})$	1811496960
12	$\mathcal{O}(2; \{12^4, 6^8, 4^2, 3^4\})$	14495956992
12	$\mathcal{O}(2; \{12^4, 6^8, 4^4, 3, 2\})$	7245987840
12	$\mathcal{O}(2; \{12^4, 6^9, 3^2, 2^4\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 6^9, 3^5\})$	14495625216
12	$\mathcal{O}(2; \{12^4, 6^9, 4^2, 3^2, 2\})$	7247314944
12	$\mathcal{O}(2; \{12^4, 6^{10}, 2^5\})$	906080256
12	$\mathcal{O}(2; \{12^4, 6^{10}, 3^3, 2\})$	7247646720
12	$\mathcal{O}(2; \{12^4, 6^{10}, 4^2, 2^2\})$	3624321024
12	$\mathcal{O}(2; \{12^4, 6^{11}, 3, 2^2\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 6^{13}\})$	7247646720
12	$\mathcal{O}(2; \{12^5, 4, 3, 2^{17}\})$	14598144
12	$\mathcal{O}(2; \{12^5, 4, 3^4, 2^{13}\})$	112803840
12	$\mathcal{O}(2; \{12^5, 4, 3^7, 2^9\})$	906412032
12	$\mathcal{O}(2; \{12^5, 4, 3^{10}, 2^5\})$	7247314944
12	$\mathcal{O}(2; \{12^5, 4, 3^{13}, 2\})$	57982500864

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^5, 4^3, 3, 2^{14}\})$	58392576
12	$\mathcal{O}(2; \{12^5, 4^3, 3^4, 2^{10}\})$	451215360
12	$\mathcal{O}(2; \{12^5, 4^3, 3^7, 2^6\})$	3625648128
12	$\mathcal{O}(2; \{12^5, 4^3, 3^{10}, 2^2\})$	28989259776
12	$\mathcal{O}(2; \{12^5, 4^5, 3, 2^{11}\})$	233570304
12	$\mathcal{O}(2; \{12^5, 4^5, 3^4, 2^7\})$	1804861440
12	$\mathcal{O}(2; \{12^5, 4^5, 3^7, 2^3\})$	14502592512
12	$\mathcal{O}(2; \{12^5, 4^7, 3, 2^8\})$	934281216
12	$\mathcal{O}(2; \{12^5, 4^7, 3^4, 2^4\})$	7219445760
12	$\mathcal{O}(2; \{12^5, 4^7, 3^7\})$	58010370048
12	$\mathcal{O}(2; \{12^5, 4^9, 3, 2^5\})$	3737124864
12	$\mathcal{O}(2; \{12^5, 4^9, 3^4, 2\})$	28877783040
12	$\mathcal{O}(2; \{12^5, 4^{11}, 3, 2^2\})$	14948499456
12	$\mathcal{O}(2; \{12^5, 6, 4, 3^2, 2^{14}\})$	57065472
12	$\mathcal{O}(2; \{12^5, 6, 4, 3^5, 2^{10}\})$	452542464
12	$\mathcal{O}(2; \{12^5, 6, 4, 3^8, 2^6\})$	3624321024
12	$\mathcal{O}(2; \{12^5, 6, 4, 3^{11}, 2^2\})$	28990586880
12	$\mathcal{O}(2; \{12^5, 6, 4^3, 3^2, 2^{11}\})$	228261888
12	$\mathcal{O}(2; \{12^5, 6, 4^3, 3^5, 2^7\})$	1810169856
12	$\mathcal{O}(2; \{12^5, 6, 4^3, 3^8, 2^3\})$	14497284096
12	$\mathcal{O}(2; \{12^5, 6, 4^5, 3^2, 2^8\})$	913047552
12	$\mathcal{O}(2; \{12^5, 6, 4^5, 3^5, 2^4\})$	7240679424
12	$\mathcal{O}(2; \{12^5, 6, 4^5, 3^8\})$	57989136384
12	$\mathcal{O}(2; \{12^5, 6, 4^7, 3^2, 2^5\})$	3652190208
12	$\mathcal{O}(2; \{12^5, 6, 4^7, 3^5, 2\})$	28962717696
12	$\mathcal{O}(2; \{12^5, 6, 4^9, 3^2, 2^2\})$	14608760832
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 2^{15}\})$	27869184
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 3^3, 2^{11}\})$	226934784
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 3^6, 2^7\})$	1811496960
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 3^9, 2^3\})$	14495956992
12	$\mathcal{O}(2; \{12^5, 6^2, 4^3, 2^{12}\})$	111476736
12	$\mathcal{O}(2; \{12^5, 6^2, 4^3, 3^3, 2^8\})$	907739136
12	$\mathcal{O}(2; \{12^5, 6^2, 4^3, 3^6, 2^4\})$	7245987840
12	$\mathcal{O}(2; \{12^5, 6^2, 4^3, 3^9\})$	57983827968
12	$\mathcal{O}(2; \{12^5, 6^2, 4^5, 2^9\})$	445906944
12	$\mathcal{O}(2; \{12^5, 6^2, 4^5, 3^3, 2^5\})$	3630956544
12	$\mathcal{O}(2; \{12^5, 6^2, 4^5, 3^6, 2\})$	28983951360
12	$\mathcal{O}(2; \{12^5, 6^2, 4^7, 2^6\})$	1783627776
12	$\mathcal{O}(2; \{12^5, 6^2, 4^7, 3^3, 2^2\})$	14523826176
12	$\mathcal{O}(2; \{12^5, 6^2, 4^9, 2^3\})$	7134511104
12	$\mathcal{O}(2; \{12^5, 6^2, 4^{11}\})$	28538044416
12	$\mathcal{O}(2; \{12^5, 6^3, 4, 3, 2^{12}\})$	112803840
12	$\mathcal{O}(2; \{12^5, 6^3, 4, 3^4, 2^8\})$	906412032

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^5, 6^3, 4, 3^7, 2^4\})$	7247314944
12	$\mathcal{O}(2; \{12^5, 6^3, 4, 3^{10}\})$	57982500864
12	$\mathcal{O}(2; \{12^5, 6^3, 4^3, 3, 2^9\})$	451215360
12	$\mathcal{O}(2; \{12^5, 6^3, 4^3, 3^4, 2^5\})$	3625648128
12	$\mathcal{O}(2; \{12^5, 6^3, 4^3, 3^7, 2\})$	28989259776
12	$\mathcal{O}(2; \{12^5, 6^3, 4^5, 3, 2^6\})$	1804861440
12	$\mathcal{O}(2; \{12^5, 6^3, 4^5, 3^4, 2^2\})$	14502592512
12	$\mathcal{O}(2; \{12^5, 6^3, 4^7, 3, 2^3\})$	7219445760
12	$\mathcal{O}(2; \{12^5, 6^3, 4^9, 3\})$	28877783040
12	$\mathcal{O}(2; \{12^5, 6^4, 4, 3^2, 2^9\})$	452542464
12	$\mathcal{O}(2; \{12^5, 6^4, 4, 3^5, 2^5\})$	3624321024
12	$\mathcal{O}(2; \{12^5, 6^4, 4, 3^8, 2\})$	28990586880
12	$\mathcal{O}(2; \{12^5, 6^4, 4^3, 3^2, 2^6\})$	1810169856
12	$\mathcal{O}(2; \{12^5, 6^4, 4^3, 3^5, 2^2\})$	14497284096
12	$\mathcal{O}(2; \{12^5, 6^4, 4^5, 3^2, 2^3\})$	7240679424
12	$\mathcal{O}(2; \{12^5, 6^4, 4^7, 3^2\})$	28962717696
12	$\mathcal{O}(2; \{12^5, 6^5, 4, 2^{10}\})$	226934784
12	$\mathcal{O}(2; \{12^5, 6^5, 4, 3^3, 2^6\})$	1811496960
12	$\mathcal{O}(2; \{12^5, 6^5, 4, 3^6, 2^2\})$	14495956992
12	$\mathcal{O}(2; \{12^5, 6^5, 4^3, 2^7\})$	907739136
12	$\mathcal{O}(2; \{12^5, 6^5, 4^3, 3^3, 2^3\})$	7245987840
12	$\mathcal{O}(2; \{12^5, 6^5, 4^5, 2^4\})$	3630956544
12	$\mathcal{O}(2; \{12^5, 6^5, 4^5, 3^3\})$	28983951360
12	$\mathcal{O}(2; \{12^5, 6^5, 4^7, 2\})$	14523826176
12	$\mathcal{O}(2; \{12^5, 6^6, 4, 3, 2^7\})$	906412032
12	$\mathcal{O}(2; \{12^5, 6^6, 4, 3^4, 2^3\})$	7247314944
12	$\mathcal{O}(2; \{12^5, 6^6, 4^3, 3, 2^4\})$	3625648128
12	$\mathcal{O}(2; \{12^5, 6^6, 4^3, 3^4\})$	28989259776
12	$\mathcal{O}(2; \{12^5, 6^6, 4^5, 3, 2\})$	14502592512
12	$\mathcal{O}(2; \{12^5, 6^7, 4, 3^2, 2^4\})$	3624321024
12	$\mathcal{O}(2; \{12^5, 6^7, 4, 3^5\})$	28990586880
12	$\mathcal{O}(2; \{12^5, 6^7, 4^3, 3^2, 2\})$	14497284096
12	$\mathcal{O}(2; \{12^5, 6^8, 4, 2^5\})$	1811496960
12	$\mathcal{O}(2; \{12^5, 6^8, 4, 3^3, 2\})$	14495956992
12	$\mathcal{O}(2; \{12^5, 6^8, 4^3, 2^2\})$	7245987840
12	$\mathcal{O}(2; \{12^5, 6^9, 4, 3, 2^2\})$	7247314944
12	$\mathcal{O}(2; \{12^5, 6^{11}, 4\})$	14495956992
12	$\mathcal{O}(2; \{12^6, 2^{18}\})$	14598144
12	$\mathcal{O}(2; \{12^6, 3^3, 2^{14}\})$	112803840
12	$\mathcal{O}(2; \{12^6, 3^6, 2^{10}\})$	906412032
12	$\mathcal{O}(2; \{12^6, 3^9, 2^6\})$	7247314944
12	$\mathcal{O}(2; \{12^6, 3^{12}, 2^2\})$	57982500864
12	$\mathcal{O}(2; \{12^6, 4^2, 2^{15}\})$	58392576

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^6, 4^2, 3^3, 2^{11}\})$	451215360
12	$\mathcal{O}(2; \{12^6, 4^2, 3^6, 2^7\})$	3625648128
12	$\mathcal{O}(2; \{12^6, 4^2, 3^9, 2^3\})$	28989259776
12	$\mathcal{O}(2; \{12^6, 4^4, 2^{12}\})$	233570304
12	$\mathcal{O}(2; \{12^6, 4^4, 3^3, 2^8\})$	1804861440
12	$\mathcal{O}(2; \{12^6, 4^4, 3^6, 2^4\})$	14502592512
12	$\mathcal{O}(2; \{12^6, 4^4, 3^9\})$	115957039104
12	$\mathcal{O}(2; \{12^6, 4^6, 2^9\})$	934281216
12	$\mathcal{O}(2; \{12^6, 4^6, 3^3, 2^5\})$	7219445760
12	$\mathcal{O}(2; \{12^6, 4^6, 3^6, 2\})$	58010370048
12	$\mathcal{O}(2; \{12^6, 4^8, 2^6\})$	3737124864
12	$\mathcal{O}(2; \{12^6, 4^8, 3^3, 2^2\})$	28877783040
12	$\mathcal{O}(2; \{12^6, 4^{10}, 2^3\})$	14948499456
12	$\mathcal{O}(2; \{12^6, 4^{12}\})$	59793997824
12	$\mathcal{O}(2; \{12^6, 6, 3, 2^{15}\})$	57065472
12	$\mathcal{O}(2; \{12^6, 6, 3^4, 2^{11}\})$	452542464
12	$\mathcal{O}(2; \{12^6, 6, 3^7, 2^7\})$	3624321024
12	$\mathcal{O}(2; \{12^6, 6, 3^{10}, 2^3\})$	28990586880
12	$\mathcal{O}(2; \{12^6, 6, 4^2, 3, 2^{12}\})$	228261888
12	$\mathcal{O}(2; \{12^6, 6, 4^2, 3^4, 2^8\})$	1810169856
12	$\mathcal{O}(2; \{12^6, 6, 4^2, 3^7, 2^4\})$	14497284096
12	$\mathcal{O}(2; \{12^6, 6, 4^2, 3^{10}\})$	115962347520
12	$\mathcal{O}(2; \{12^6, 6, 4^4, 3, 2^9\})$	913047552
12	$\mathcal{O}(2; \{12^6, 6, 4^4, 3^4, 2^5\})$	7240679424
12	$\mathcal{O}(2; \{12^6, 6, 4^4, 3^7, 2\})$	57989136384
12	$\mathcal{O}(2; \{12^6, 6, 4^6, 3, 2^6\})$	3652190208
12	$\mathcal{O}(2; \{12^6, 6, 4^6, 3^4, 2^2\})$	28962717696
12	$\mathcal{O}(2; \{12^6, 6, 4^8, 3, 2^3\})$	14608760832
12	$\mathcal{O}(2; \{12^6, 6, 4^{10}, 3\})$	58435043328
12	$\mathcal{O}(2; \{12^6, 6^2, 3^2, 2^{12}\})$	226934784
12	$\mathcal{O}(2; \{12^6, 6^2, 3^5, 2^8\})$	1811496960
12	$\mathcal{O}(2; \{12^6, 6^2, 3^8, 2^4\})$	14495956992
12	$\mathcal{O}(2; \{12^6, 6^2, 3^{11}\})$	115963674624
12	$\mathcal{O}(2; \{12^6, 6^2, 4^2, 3^2, 2^9\})$	907739136
12	$\mathcal{O}(2; \{12^6, 6^2, 4^2, 3^5, 2^5\})$	7245987840
12	$\mathcal{O}(2; \{12^6, 6^2, 4^2, 3^8, 2\})$	57983827968
12	$\mathcal{O}(2; \{12^6, 6^2, 4^4, 3^2, 2^6\})$	3630956544
12	$\mathcal{O}(2; \{12^6, 6^2, 4^4, 3^5, 2^2\})$	28983951360
12	$\mathcal{O}(2; \{12^6, 6^2, 4^6, 3^2, 2^3\})$	14523826176
12	$\mathcal{O}(2; \{12^6, 6^2, 4^8, 3^2\})$	58095304704
12	$\mathcal{O}(2; \{12^6, 6^3, 2^{13}\})$	112803840
12	$\mathcal{O}(2; \{12^6, 6^3, 3^3, 2^9\})$	906412032
12	$\mathcal{O}(2; \{12^6, 6^3, 3^6, 2^5\})$	7247314944

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^6, 6^3, 3^9, 2\})$	57982500864
12	$\mathcal{O}(2; \{12^6, 6^3, 4^2, 2^{10}\})$	451215360
12	$\mathcal{O}(2; \{12^6, 6^3, 4^2, 3^3, 2^6\})$	3625648128
12	$\mathcal{O}(2; \{12^6, 6^3, 4^2, 3^6, 2^2\})$	28989259776
12	$\mathcal{O}(2; \{12^6, 6^3, 4^4, 2^7\})$	1804861440
12	$\mathcal{O}(2; \{12^6, 6^3, 4^4, 3^3, 2^3\})$	14502592512
12	$\mathcal{O}(2; \{12^6, 6^3, 4^6, 2^4\})$	7219445760
12	$\mathcal{O}(2; \{12^6, 6^3, 4^6, 3^3\})$	58010370048
12	$\mathcal{O}(2; \{12^6, 6^3, 4^8, 2\})$	28877783040
12	$\mathcal{O}(2; \{12^6, 6^4, 3, 2^{10}\})$	452542464
12	$\mathcal{O}(2; \{12^6, 6^4, 3^4, 2^6\})$	3624321024
12	$\mathcal{O}(2; \{12^6, 6^4, 3^7, 2^2\})$	28990586880
12	$\mathcal{O}(2; \{12^6, 6^4, 4^2, 3, 2^7\})$	1810169856
12	$\mathcal{O}(2; \{12^6, 6^4, 4^2, 3^4, 2^3\})$	14497284096
12	$\mathcal{O}(2; \{12^6, 6^4, 4^4, 3, 2^4\})$	7240679424
12	$\mathcal{O}(2; \{12^6, 6^4, 4^4, 3^4\})$	57989136384
12	$\mathcal{O}(2; \{12^6, 6^4, 4^6, 3, 2\})$	28962717696
12	$\mathcal{O}(2; \{12^6, 6^5, 3^2, 2^7\})$	1811496960
12	$\mathcal{O}(2; \{12^6, 6^5, 3^5, 2^3\})$	14495956992
12	$\mathcal{O}(2; \{12^6, 6^5, 4^2, 3^2, 2^4\})$	7245987840
12	$\mathcal{O}(2; \{12^6, 6^5, 4^2, 3^5\})$	57983827968
12	$\mathcal{O}(2; \{12^6, 6^5, 4^4, 3^2, 2\})$	28983951360
12	$\mathcal{O}(2; \{12^6, 6^6, 2^8\})$	906412032
12	$\mathcal{O}(2; \{12^6, 6^6, 3^3, 2^4\})$	7247314944
12	$\mathcal{O}(2; \{12^6, 6^6, 3^6\})$	57982500864
12	$\mathcal{O}(2; \{12^6, 6^6, 4^2, 2^5\})$	3625648128
12	$\mathcal{O}(2; \{12^6, 6^6, 4^2, 3^3, 2\})$	28989259776
12	$\mathcal{O}(2; \{12^6, 6^6, 4^4, 2^2\})$	14502592512
12	$\mathcal{O}(2; \{12^6, 6^7, 3, 2^5\})$	3624321024
12	$\mathcal{O}(2; \{12^6, 6^7, 3^4, 2\})$	28990586880
12	$\mathcal{O}(2; \{12^6, 6^7, 4^2, 3, 2^2\})$	14497284096
12	$\mathcal{O}(2; \{12^6, 6^8, 3^2, 2^2\})$	14495956992
12	$\mathcal{O}(2; \{12^6, 6^9, 2^3\})$	7247314944
12	$\mathcal{O}(2; \{12^6, 6^9, 4^2\})$	28989259776
12	$\mathcal{O}(2; \{12^6, 6^{10}, 3\})$	28990586880
12	$\mathcal{O}(2; \{12^7, 4, 3^2, 2^{12}\})$	451215360
12	$\mathcal{O}(2; \{12^7, 4, 3^5, 2^8\})$	3625648128
12	$\mathcal{O}(2; \{12^7, 4, 3^8, 2^4\})$	28989259776
12	$\mathcal{O}(2; \{12^7, 4, 3^{11}\})$	231930003456
12	$\mathcal{O}(2; \{12^7, 4^3, 3^2, 2^9\})$	1804861440
12	$\mathcal{O}(2; \{12^7, 4^3, 3^5, 2^5\})$	14502592512
12	$\mathcal{O}(2; \{12^7, 4^3, 3^8, 2\})$	115957039104
12	$\mathcal{O}(2; \{12^7, 4^5, 3^2, 2^6\})$	7219445760

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^7, 4^5, 3^5, 2^2\})$	58010370048
12	$\mathcal{O}(2; \{12^7, 4^7, 3^2, 2^3\})$	28877783040
12	$\mathcal{O}(2; \{12^7, 4^9, 3^2\})$	115511132160
12	$\mathcal{O}(2; \{12^7, 6, 4, 2^{13}\})$	228261888
12	$\mathcal{O}(2; \{12^7, 6, 4, 3^3, 2^9\})$	1810169856
12	$\mathcal{O}(2; \{12^7, 6, 4, 3^6, 2^5\})$	14497284096
12	$\mathcal{O}(2; \{12^7, 6, 4, 3^9, 2\})$	115962347520
12	$\mathcal{O}(2; \{12^7, 6, 4^3, 2^{10}\})$	913047552
12	$\mathcal{O}(2; \{12^7, 6, 4^3, 3^3, 2^6\})$	7240679424
12	$\mathcal{O}(2; \{12^7, 6, 4^3, 3^6, 2^2\})$	57989136384
12	$\mathcal{O}(2; \{12^7, 6, 4^5, 2^7\})$	3652190208
12	$\mathcal{O}(2; \{12^7, 6, 4^5, 3^3, 2^3\})$	28962717696
12	$\mathcal{O}(2; \{12^7, 6, 4^7, 2^4\})$	14608760832
12	$\mathcal{O}(2; \{12^7, 6, 4^7, 3^3\})$	115850870784
12	$\mathcal{O}(2; \{12^7, 6, 4^9, 2\})$	58435043328
12	$\mathcal{O}(2; \{12^7, 6^2, 4, 3, 2^{10}\})$	907739136
12	$\mathcal{O}(2; \{12^7, 6^2, 4, 3^4, 2^6\})$	7245987840
12	$\mathcal{O}(2; \{12^7, 6^2, 4, 3^7, 2^2\})$	57983827968
12	$\mathcal{O}(2; \{12^7, 6^2, 4^3, 3, 2^7\})$	3630956544
12	$\mathcal{O}(2; \{12^7, 6^2, 4^3, 3^4, 2^3\})$	28983951360
12	$\mathcal{O}(2; \{12^7, 6^2, 4^5, 3, 2^4\})$	14523826176
12	$\mathcal{O}(2; \{12^7, 6^2, 4^5, 3^4\})$	115935805440
12	$\mathcal{O}(2; \{12^7, 6^2, 4^7, 3, 2\})$	58095304704
12	$\mathcal{O}(2; \{12^7, 6^3, 4, 3^2, 2^7\})$	3625648128
12	$\mathcal{O}(2; \{12^7, 6^3, 4, 3^5, 2^3\})$	28989259776
12	$\mathcal{O}(2; \{12^7, 6^3, 4^3, 3^2, 2^4\})$	14502592512
12	$\mathcal{O}(2; \{12^7, 6^3, 4^3, 3^5\})$	115957039104
12	$\mathcal{O}(2; \{12^7, 6^3, 4^5, 3^2, 2\})$	58010370048
12	$\mathcal{O}(2; \{12^7, 6^4, 4, 2^8\})$	1810169856
12	$\mathcal{O}(2; \{12^7, 6^4, 4, 3^3, 2^4\})$	14497284096
12	$\mathcal{O}(2; \{12^7, 6^4, 4, 3^6\})$	115962347520
12	$\mathcal{O}(2; \{12^7, 6^4, 4^3, 2^5\})$	7240679424
12	$\mathcal{O}(2; \{12^7, 6^4, 4^3, 3^3, 2\})$	57989136384
12	$\mathcal{O}(2; \{12^7, 6^4, 4^5, 2^2\})$	28962717696
12	$\mathcal{O}(2; \{12^7, 6^5, 4, 3, 2^5\})$	7245987840
12	$\mathcal{O}(2; \{12^7, 6^5, 4, 3^4, 2\})$	57983827968
12	$\mathcal{O}(2; \{12^7, 6^5, 4^3, 3, 2^2\})$	28983951360
12	$\mathcal{O}(2; \{12^7, 6^6, 4, 3^2, 2^2\})$	28989259776
12	$\mathcal{O}(2; \{12^7, 6^7, 4, 2^3\})$	14497284096
12	$\mathcal{O}(2; \{12^7, 6^7, 4^3\})$	57989136384
12	$\mathcal{O}(2; \{12^7, 6^8, 4, 3\})$	57983827968
12	$\mathcal{O}(2; \{12^8, 3, 2^{13}\})$	451215360
12	$\mathcal{O}(2; \{12^8, 3^4, 2^9\})$	3625648128

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^8, 3^7, 2^5\})$	28989259776
12	$\mathcal{O}(2; \{12^8, 3^{10}, 2\})$	231930003456
12	$\mathcal{O}(2; \{12^8, 4^2, 3, 2^{10}\})$	1804861440
12	$\mathcal{O}(2; \{12^8, 4^2, 3^4, 2^6\})$	14502592512
12	$\mathcal{O}(2; \{12^8, 4^2, 3^7, 2^2\})$	115957039104
12	$\mathcal{O}(2; \{12^8, 4^4, 3, 2^7\})$	7219445760
12	$\mathcal{O}(2; \{12^8, 4^4, 3^4, 2^3\})$	58010370048
12	$\mathcal{O}(2; \{12^8, 4^6, 3, 2^4\})$	28877783040
12	$\mathcal{O}(2; \{12^8, 4^6, 3^4\})$	232041480192
12	$\mathcal{O}(2; \{12^8, 4^8, 3, 2\})$	115511132160
12	$\mathcal{O}(2; \{12^8, 6, 3^2, 2^{10}\})$	1810169856
12	$\mathcal{O}(2; \{12^8, 6, 3^5, 2^6\})$	14497284096
12	$\mathcal{O}(2; \{12^8, 6, 3^8, 2^2\})$	115962347520
12	$\mathcal{O}(2; \{12^8, 6, 4^2, 3^2, 2^7\})$	7240679424
12	$\mathcal{O}(2; \{12^8, 6, 4^2, 3^5, 2^3\})$	57989136384
12	$\mathcal{O}(2; \{12^8, 6, 4^4, 3^2, 2^4\})$	28962717696
12	$\mathcal{O}(2; \{12^8, 6, 4^4, 3^5\})$	231956545536
12	$\mathcal{O}(2; \{12^8, 6, 4^6, 3^2, 2\})$	115850870784
12	$\mathcal{O}(2; \{12^8, 6^2, 2^{11}\})$	907739136
12	$\mathcal{O}(2; \{12^8, 6^2, 3^3, 2^7\})$	7245987840
12	$\mathcal{O}(2; \{12^8, 6^2, 3^6, 2^3\})$	57983827968
12	$\mathcal{O}(2; \{12^8, 6^2, 4^2, 2^8\})$	3630956544
12	$\mathcal{O}(2; \{12^8, 6^2, 4^2, 3^3, 2^4\})$	28983951360
12	$\mathcal{O}(2; \{12^8, 6^2, 4^2, 3^6\})$	231935311872
12	$\mathcal{O}(2; \{12^8, 6^2, 4^4, 2^5\})$	14523826176
12	$\mathcal{O}(2; \{12^8, 6^2, 4^4, 3^3, 2\})$	115935805440
12	$\mathcal{O}(2; \{12^8, 6^2, 4^6, 2^2\})$	58095304704
12	$\mathcal{O}(2; \{12^8, 6^3, 3, 2^8\})$	3625648128
12	$\mathcal{O}(2; \{12^8, 6^3, 3^4, 2^4\})$	28989259776
12	$\mathcal{O}(2; \{12^8, 6^3, 3^7\})$	231930003456
12	$\mathcal{O}(2; \{12^8, 6^3, 4^2, 3, 2^5\})$	14502592512
12	$\mathcal{O}(2; \{12^8, 6^3, 4^2, 3^4, 2\})$	115957039104
12	$\mathcal{O}(2; \{12^8, 6^3, 4^4, 3, 2^2\})$	58010370048
12	$\mathcal{O}(2; \{12^8, 6^4, 3^2, 2^5\})$	14497284096
12	$\mathcal{O}(2; \{12^8, 6^4, 3^5, 2\})$	115962347520
12	$\mathcal{O}(2; \{12^8, 6^4, 4^2, 3^2, 2^2\})$	57989136384
12	$\mathcal{O}(2; \{12^8, 6^5, 2^6\})$	7245987840
12	$\mathcal{O}(2; \{12^8, 6^5, 3^3, 2^2\})$	57983827968
12	$\mathcal{O}(2; \{12^8, 6^5, 4^2, 2^3\})$	28983951360
12	$\mathcal{O}(2; \{12^8, 6^5, 4^4\})$	115935805440
12	$\mathcal{O}(2; \{12^8, 6^6, 3, 2^3\})$	28989259776
12	$\mathcal{O}(2; \{12^8, 6^6, 4^2, 3\})$	115957039104
12	$\mathcal{O}(2; \{12^8, 6^7, 3^2\})$	115962347520

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^8, 6^8, 2\})$	57983827968
12	$\mathcal{O}(2; \{12^9, 4, 2^{11}\})$	1804861440
12	$\mathcal{O}(2; \{12^9, 4, 3^3, 2^7\})$	14502592512
12	$\mathcal{O}(2; \{12^9, 4, 3^6, 2^3\})$	115957039104
12	$\mathcal{O}(2; \{12^9, 4^3, 2^8\})$	7219445760
12	$\mathcal{O}(2; \{12^9, 4^3, 3^3, 2^4\})$	58010370048
12	$\mathcal{O}(2; \{12^9, 4^3, 3^6\})$	463828156416
12	$\mathcal{O}(2; \{12^9, 4^5, 2^5\})$	28877783040
12	$\mathcal{O}(2; \{12^9, 4^5, 3^3, 2\})$	232041480192
12	$\mathcal{O}(2; \{12^9, 4^7, 2^2\})$	115511132160
12	$\mathcal{O}(2; \{12^9, 6, 4, 3, 2^8\})$	7240679424
12	$\mathcal{O}(2; \{12^9, 6, 4, 3^4, 2^4\})$	57989136384
12	$\mathcal{O}(2; \{12^9, 6, 4, 3^7\})$	463849390080
12	$\mathcal{O}(2; \{12^9, 6, 4^3, 3, 2^5\})$	28962717696
12	$\mathcal{O}(2; \{12^9, 6, 4^3, 3^4, 2\})$	231956545536
12	$\mathcal{O}(2; \{12^9, 6, 4^5, 3, 2^2\})$	115850870784
12	$\mathcal{O}(2; \{12^9, 6^2, 4, 3^2, 2^5\})$	28983951360
12	$\mathcal{O}(2; \{12^9, 6^2, 4, 3^5, 2\})$	231935311872
12	$\mathcal{O}(2; \{12^9, 6^2, 4^3, 3^2, 2^2\})$	115935805440
12	$\mathcal{O}(2; \{12^9, 6^3, 4, 2^6\})$	14502592512
12	$\mathcal{O}(2; \{12^9, 6^3, 4, 3^3, 2^2\})$	115957039104
12	$\mathcal{O}(2; \{12^9, 6^3, 4^3, 2^3\})$	58010370048
12	$\mathcal{O}(2; \{12^9, 6^3, 4^5\})$	232041480192
12	$\mathcal{O}(2; \{12^9, 6^4, 4, 3, 2^3\})$	57989136384
12	$\mathcal{O}(2; \{12^9, 6^4, 4^3, 3\})$	231956545536
12	$\mathcal{O}(2; \{12^9, 6^5, 4, 3^2\})$	231935311872
12	$\mathcal{O}(2; \{12^9, 6^6, 4, 2\})$	115957039104
12	$\mathcal{O}(2; \{12^{10}, 3^2, 2^8\})$	14502592512
12	$\mathcal{O}(2; \{12^{10}, 3^5, 2^4\})$	115957039104
12	$\mathcal{O}(2; \{12^{10}, 3^8\})$	927720013824
12	$\mathcal{O}(2; \{12^{10}, 4^2, 3^2, 2^5\})$	58010370048
12	$\mathcal{O}(2; \{12^{10}, 4^2, 3^5, 2\})$	463828156416
12	$\mathcal{O}(2; \{12^{10}, 4^4, 3^2, 2^2\})$	232041480192
12	$\mathcal{O}(2; \{12^{10}, 6, 2^9\})$	7240679424
12	$\mathcal{O}(2; \{12^{10}, 6, 3^3, 2^5\})$	57989136384
12	$\mathcal{O}(2; \{12^{10}, 6, 3^6, 2\})$	463849390080
12	$\mathcal{O}(2; \{12^{10}, 6, 4^2, 2^6\})$	28962717696
12	$\mathcal{O}(2; \{12^{10}, 6, 4^2, 3^3, 2^2\})$	231956545536
12	$\mathcal{O}(2; \{12^{10}, 6, 4^4, 2^3\})$	115850870784
12	$\mathcal{O}(2; \{12^{10}, 6, 4^6\})$	463403483136
12	$\mathcal{O}(2; \{12^{10}, 6^2, 3, 2^6\})$	28983951360
12	$\mathcal{O}(2; \{12^{10}, 6^2, 3^4, 2^2\})$	231935311872
12	$\mathcal{O}(2; \{12^{10}, 6^2, 4^2, 3, 2^3\})$	115935805440

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^{10}, 6^2, 4^4, 3\})$	463743221760
12	$\mathcal{O}(2; \{12^{10}, 6^3, 3^2, 2^3\})$	115957039104
12	$\mathcal{O}(2; \{12^{10}, 6^3, 4^2, 3^2\})$	463828156416
12	$\mathcal{O}(2; \{12^{10}, 6^4, 2^4\})$	57989136384
12	$\mathcal{O}(2; \{12^{10}, 6^4, 3^3\})$	463849390080
12	$\mathcal{O}(2; \{12^{10}, 6^4, 4^2, 2\})$	231956545536
12	$\mathcal{O}(2; \{12^{10}, 6^5, 3, 2\})$	231935311872
12	$\mathcal{O}(2; \{12^{11}, 4, 3, 2^6\})$	58010370048
12	$\mathcal{O}(2; \{12^{11}, 4, 3^4, 2^2\})$	463828156416
12	$\mathcal{O}(2; \{12^{11}, 4^3, 3, 2^3\})$	232041480192
12	$\mathcal{O}(2; \{12^{11}, 4^5, 3\})$	928165920768
12	$\mathcal{O}(2; \{12^{11}, 6, 4, 3^2, 2^3\})$	231956545536
12	$\mathcal{O}(2; \{12^{11}, 6, 4^3, 3^2\})$	927826182144
12	$\mathcal{O}(2; \{12^{11}, 6^2, 4, 2^4\})$	115935805440
12	$\mathcal{O}(2; \{12^{11}, 6^2, 4, 3^3\})$	927741247488
12	$\mathcal{O}(2; \{12^{11}, 6^2, 4^3, 2\})$	463743221760
12	$\mathcal{O}(2; \{12^{11}, 6^3, 4, 3, 2\})$	463828156416
12	$\mathcal{O}(2; \{12^{12}, 2^7\})$	58010370048
12	$\mathcal{O}(2; \{12^{12}, 3^3, 2^3\})$	463828156416
12	$\mathcal{O}(2; \{12^{12}, 4^2, 2^4\})$	232041480192
12	$\mathcal{O}(2; \{12^{12}, 4^2, 3^3\})$	1855312625664
12	$\mathcal{O}(2; \{12^{12}, 4^4, 2\})$	928165920768
12	$\mathcal{O}(2; \{12^{12}, 6, 3, 2^4\})$	231956545536
12	$\mathcal{O}(2; \{12^{12}, 6, 3^4\})$	1855397560320
12	$\mathcal{O}(2; \{12^{12}, 6, 4^2, 3, 2\})$	927826182144
12	$\mathcal{O}(2; \{12^{12}, 6^2, 3^2, 2\})$	927741247488
12	$\mathcal{O}(2; \{12^{12}, 6^3, 2^2\})$	463828156416
12	$\mathcal{O}(2; \{12^{13}, 4, 3^2, 2\})$	1855312625664
12	$\mathcal{O}(2; \{12^{13}, 6, 4, 2^2\})$	927826182144
12	$\mathcal{O}(2; \{12^{14}, 3, 2^2\})$	1855312625664
12	$\mathcal{O}(2; \{12^{14}, 6^2\})$	3710964989952
12	$\mathcal{O}(2; \{12^{15}, 4\})$	7421250502656
12	$\mathcal{O}(1; \{4^2, 2^{30}\})$	256
12	$\mathcal{O}(1; \{4^2, 3^3, 2^{26}\})$	576
12	$\mathcal{O}(1; \{4^2, 3^6, 2^{22}\})$	6336
12	$\mathcal{O}(1; \{4^2, 3^9, 2^{18}\})$	48960
12	$\mathcal{O}(1; \{4^2, 3^{12}, 2^{14}\})$	393408
12	$\mathcal{O}(1; \{4^2, 3^{15}, 2^{10}\})$	3145536
12	$\mathcal{O}(1; \{4^2, 3^{18}, 2^6\})$	25166016
12	$\mathcal{O}(1; \{4^2, 3^{21}, 2^2\})$	201326400
12	$\mathcal{O}(1; \{4^4, 2^{27}\})$	1024
12	$\mathcal{O}(1; \{4^4, 3^3, 2^{23}\})$	2304
12	$\mathcal{O}(1; \{4^4, 3^6, 2^{19}\})$	25344

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{4^4, 3^9, 2^{15}\})$	195840
12	$\mathcal{O}(1; \{4^4, 3^{12}, 2^{11}\})$	1573632
12	$\mathcal{O}(1; \{4^4, 3^{15}, 2^7\})$	12582144
12	$\mathcal{O}(1; \{4^4, 3^{18}, 2^3\})$	100664064
12	$\mathcal{O}(1; \{4^6, 2^{24}\})$	4096
12	$\mathcal{O}(1; \{4^6, 3^3, 2^{20}\})$	9216
12	$\mathcal{O}(1; \{4^6, 3^6, 2^{16}\})$	101376
12	$\mathcal{O}(1; \{4^6, 3^9, 2^{12}\})$	783360
12	$\mathcal{O}(1; \{4^6, 3^{12}, 2^8\})$	6294528
12	$\mathcal{O}(1; \{4^6, 3^{15}, 2^4\})$	50328576
12	$\mathcal{O}(1; \{4^6, 3^{18}\})$	402656256
12	$\mathcal{O}(1; \{4^8, 2^{21}\})$	16384
12	$\mathcal{O}(1; \{4^8, 3^3, 2^{17}\})$	36864
12	$\mathcal{O}(1; \{4^8, 3^6, 2^{13}\})$	405504
12	$\mathcal{O}(1; \{4^8, 3^9, 2^9\})$	3133440
12	$\mathcal{O}(1; \{4^8, 3^{12}, 2^5\})$	25178112
12	$\mathcal{O}(1; \{4^8, 3^{15}, 2\})$	201314304
12	$\mathcal{O}(1; \{4^{10}, 2^{18}\})$	65536
12	$\mathcal{O}(1; \{4^{10}, 3^3, 2^{14}\})$	147456
12	$\mathcal{O}(1; \{4^{10}, 3^6, 2^{10}\})$	1622016
12	$\mathcal{O}(1; \{4^{10}, 3^9, 2^6\})$	12533760
12	$\mathcal{O}(1; \{4^{10}, 3^{12}, 2^2\})$	100712448
12	$\mathcal{O}(1; \{4^{12}, 2^{15}\})$	262144
12	$\mathcal{O}(1; \{4^{12}, 3^3, 2^{11}\})$	589824
12	$\mathcal{O}(1; \{4^{12}, 3^6, 2^7\})$	6488064
12	$\mathcal{O}(1; \{4^{12}, 3^9, 2^3\})$	50135040
12	$\mathcal{O}(1; \{4^{14}, 2^{12}\})$	1048576
12	$\mathcal{O}(1; \{4^{14}, 3^3, 2^8\})$	2359296
12	$\mathcal{O}(1; \{4^{14}, 3^6, 2^4\})$	25952256
12	$\mathcal{O}(1; \{4^{14}, 3^9\})$	200540160
12	$\mathcal{O}(1; \{4^{16}, 2^9\})$	4194304
12	$\mathcal{O}(1; \{4^{16}, 3^3, 2^5\})$	9437184
12	$\mathcal{O}(1; \{4^{16}, 3^6, 2\})$	103809024
12	$\mathcal{O}(1; \{4^{18}, 2^6\})$	16777216
12	$\mathcal{O}(1; \{4^{18}, 3^3, 2^2\})$	37748736
12	$\mathcal{O}(1; \{4^{20}, 2^3\})$	67108864
12	$\mathcal{O}(1; \{4^{22}\})$	268435456
12	$\mathcal{O}(1; \{6, 4^2, 3, 2^{27}\})$	576
12	$\mathcal{O}(1; \{6, 4^2, 3^4, 2^{23}\})$	2880
12	$\mathcal{O}(1; \{6, 4^2, 3^7, 2^{19}\})$	24768
12	$\mathcal{O}(1; \{6, 4^2, 3^{10}, 2^{15}\})$	196416
12	$\mathcal{O}(1; \{6, 4^2, 3^{13}, 2^{11}\})$	1573056
12	$\mathcal{O}(1; \{6, 4^2, 3^{16}, 2^7\})$	12582720

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6, 4^2, 3^{19}, 2^3\})$	100663488
12	$\mathcal{O}(1; \{6, 4^4, 3, 2^{24}\})$	2304
12	$\mathcal{O}(1; \{6, 4^4, 3^4, 2^{20}\})$	11520
12	$\mathcal{O}(1; \{6, 4^4, 3^7, 2^{16}\})$	99072
12	$\mathcal{O}(1; \{6, 4^4, 3^{10}, 2^{12}\})$	785664
12	$\mathcal{O}(1; \{6, 4^4, 3^{13}, 2^8\})$	6292224
12	$\mathcal{O}(1; \{6, 4^4, 3^{16}, 2^4\})$	50330880
12	$\mathcal{O}(1; \{6, 4^4, 3^{19}\})$	402653952
12	$\mathcal{O}(1; \{6, 4^6, 3, 2^{21}\})$	9216
12	$\mathcal{O}(1; \{6, 4^6, 3^4, 2^{17}\})$	46080
12	$\mathcal{O}(1; \{6, 4^6, 3^7, 2^{13}\})$	396288
12	$\mathcal{O}(1; \{6, 4^6, 3^{10}, 2^9\})$	3142656
12	$\mathcal{O}(1; \{6, 4^6, 3^{13}, 2^5\})$	25168896
12	$\mathcal{O}(1; \{6, 4^6, 3^{16}, 2\})$	201323520
12	$\mathcal{O}(1; \{6, 4^8, 3, 2^{18}\})$	36864
12	$\mathcal{O}(1; \{6, 4^8, 3^4, 2^{14}\})$	184320
12	$\mathcal{O}(1; \{6, 4^8, 3^7, 2^{10}\})$	1585152
12	$\mathcal{O}(1; \{6, 4^8, 3^{10}, 2^6\})$	12570624
12	$\mathcal{O}(1; \{6, 4^8, 3^{13}, 2^2\})$	100675584
12	$\mathcal{O}(1; \{6, 4^{10}, 3, 2^{15}\})$	147456
12	$\mathcal{O}(1; \{6, 4^{10}, 3^4, 2^{11}\})$	737280
12	$\mathcal{O}(1; \{6, 4^{10}, 3^7, 2^7\})$	6340608
12	$\mathcal{O}(1; \{6, 4^{10}, 3^{10}, 2^3\})$	50282496
12	$\mathcal{O}(1; \{6, 4^{12}, 3, 2^{12}\})$	589824
12	$\mathcal{O}(1; \{6, 4^{12}, 3^4, 2^8\})$	2949120
12	$\mathcal{O}(1; \{6, 4^{12}, 3^7, 2^4\})$	25362432
12	$\mathcal{O}(1; \{6, 4^{12}, 3^{10}\})$	201129984
12	$\mathcal{O}(1; \{6, 4^{14}, 3, 2^9\})$	2359296
12	$\mathcal{O}(1; \{6, 4^{14}, 3^4, 2^5\})$	11796480
12	$\mathcal{O}(1; \{6, 4^{14}, 3^7, 2\})$	101449728
12	$\mathcal{O}(1; \{6, 4^{16}, 3, 2^6\})$	9437184
12	$\mathcal{O}(1; \{6, 4^{16}, 3^4, 2^2\})$	47185920
12	$\mathcal{O}(1; \{6, 4^{18}, 3, 2^3\})$	37748736
12	$\mathcal{O}(1; \{6, 4^{20}, 3\})$	150994944
12	$\mathcal{O}(1; \{6^2, 4^2, 3^2, 2^{24}\})$	1728
12	$\mathcal{O}(1; \{6^2, 4^2, 3^5, 2^{20}\})$	12096
12	$\mathcal{O}(1; \{6^2, 4^2, 3^8, 2^{16}\})$	98496
12	$\mathcal{O}(1; \{6^2, 4^2, 3^{11}, 2^{12}\})$	786240
12	$\mathcal{O}(1; \{6^2, 4^2, 3^{14}, 2^8\})$	6291648
12	$\mathcal{O}(1; \{6^2, 4^2, 3^{17}, 2^4\})$	50331456
12	$\mathcal{O}(1; \{6^2, 4^2, 3^{20}\})$	402653376
12	$\mathcal{O}(1; \{6^2, 4^4, 3^2, 2^{21}\})$	6912
12	$\mathcal{O}(1; \{6^2, 4^4, 3^5, 2^{17}\})$	48384

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^2, 4^4, 3^8, 2^{13}\})$	393984
12	$\mathcal{O}(1; \{6^2, 4^4, 3^{11}, 2^9\})$	3144960
12	$\mathcal{O}(1; \{6^2, 4^4, 3^{14}, 2^5\})$	25166592
12	$\mathcal{O}(1; \{6^2, 4^4, 3^{17}, 2\})$	201325824
12	$\mathcal{O}(1; \{6^2, 4^6, 3^2, 2^{18}\})$	27648
12	$\mathcal{O}(1; \{6^2, 4^6, 3^5, 2^{14}\})$	193536
12	$\mathcal{O}(1; \{6^2, 4^6, 3^8, 2^{10}\})$	1575936
12	$\mathcal{O}(1; \{6^2, 4^6, 3^{11}, 2^6\})$	12579840
12	$\mathcal{O}(1; \{6^2, 4^6, 3^{14}, 2^2\})$	100666368
12	$\mathcal{O}(1; \{6^2, 4^8, 3^2, 2^{15}\})$	110592
12	$\mathcal{O}(1; \{6^2, 4^8, 3^5, 2^{11}\})$	774144
12	$\mathcal{O}(1; \{6^2, 4^8, 3^8, 2^7\})$	6303744
12	$\mathcal{O}(1; \{6^2, 4^8, 3^{11}, 2^3\})$	50319360
12	$\mathcal{O}(1; \{6^2, 4^{10}, 3^2, 2^{12}\})$	442368
12	$\mathcal{O}(1; \{6^2, 4^{10}, 3^5, 2^8\})$	3096576
12	$\mathcal{O}(1; \{6^2, 4^{10}, 3^8, 2^4\})$	25214976
12	$\mathcal{O}(1; \{6^2, 4^{10}, 3^{11}\})$	201277440
12	$\mathcal{O}(1; \{6^2, 4^{12}, 3^2, 2^9\})$	1769472
12	$\mathcal{O}(1; \{6^2, 4^{12}, 3^5, 2^5\})$	12386304
12	$\mathcal{O}(1; \{6^2, 4^{12}, 3^8, 2\})$	100859904
12	$\mathcal{O}(1; \{6^2, 4^{14}, 3^2, 2^6\})$	7077888
12	$\mathcal{O}(1; \{6^2, 4^{14}, 3^5, 2^2\})$	49545216
12	$\mathcal{O}(1; \{6^2, 4^{16}, 3^2, 2^3\})$	28311552
12	$\mathcal{O}(1; \{6^2, 4^{18}, 3^2\})$	113246208
12	$\mathcal{O}(1; \{6^3, 4^2, 2^{25}\})$	576
12	$\mathcal{O}(1; \{6^3, 4^2, 3^3, 2^{21}\})$	6336
12	$\mathcal{O}(1; \{6^3, 4^2, 3^6, 2^{17}\})$	48960
12	$\mathcal{O}(1; \{6^3, 4^2, 3^9, 2^{13}\})$	393408
12	$\mathcal{O}(1; \{6^3, 4^2, 3^{12}, 2^9\})$	3145536
12	$\mathcal{O}(1; \{6^3, 4^2, 3^{15}, 2^5\})$	25166016
12	$\mathcal{O}(1; \{6^3, 4^2, 3^{18}, 2\})$	201326400
12	$\mathcal{O}(1; \{6^3, 4^4, 2^{22}\})$	2304
12	$\mathcal{O}(1; \{6^3, 4^4, 3^3, 2^{18}\})$	25344
12	$\mathcal{O}(1; \{6^3, 4^4, 3^6, 2^{14}\})$	195840
12	$\mathcal{O}(1; \{6^3, 4^4, 3^9, 2^{10}\})$	1573632
12	$\mathcal{O}(1; \{6^3, 4^4, 3^{12}, 2^6\})$	12582144
12	$\mathcal{O}(1; \{6^3, 4^4, 3^{15}, 2^2\})$	100664064
12	$\mathcal{O}(1; \{6^3, 4^6, 2^{19}\})$	9216
12	$\mathcal{O}(1; \{6^3, 4^6, 3^3, 2^{15}\})$	101376
12	$\mathcal{O}(1; \{6^3, 4^6, 3^6, 2^{11}\})$	783360
12	$\mathcal{O}(1; \{6^3, 4^6, 3^9, 2^7\})$	6294528
12	$\mathcal{O}(1; \{6^3, 4^6, 3^{12}, 2^3\})$	50328576
12	$\mathcal{O}(1; \{6^3, 4^8, 2^{16}\})$	36864

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^3, 4^8, 3^3, 2^{12}\})$	405504
12	$\mathcal{O}(1; \{6^3, 4^8, 3^6, 2^8\})$	3133440
12	$\mathcal{O}(1; \{6^3, 4^8, 3^9, 2^4\})$	25178112
12	$\mathcal{O}(1; \{6^3, 4^8, 3^{12}\})$	201314304
12	$\mathcal{O}(1; \{6^3, 4^{10}, 2^{13}\})$	147456
12	$\mathcal{O}(1; \{6^3, 4^{10}, 3^3, 2^9\})$	1622016
12	$\mathcal{O}(1; \{6^3, 4^{10}, 3^6, 2^5\})$	12533760
12	$\mathcal{O}(1; \{6^3, 4^{10}, 3^9, 2\})$	100712448
12	$\mathcal{O}(1; \{6^3, 4^{12}, 2^{10}\})$	589824
12	$\mathcal{O}(1; \{6^3, 4^{12}, 3^3, 2^6\})$	6488064
12	$\mathcal{O}(1; \{6^3, 4^{12}, 3^6, 2^2\})$	50135040
12	$\mathcal{O}(1; \{6^3, 4^{14}, 2^7\})$	2359296
12	$\mathcal{O}(1; \{6^3, 4^{14}, 3^3, 2^3\})$	25952256
12	$\mathcal{O}(1; \{6^3, 4^{16}, 2^4\})$	9437184
12	$\mathcal{O}(1; \{6^3, 4^{16}, 3^3\})$	103809024
12	$\mathcal{O}(1; \{6^3, 4^{18}, 2\})$	37748736
12	$\mathcal{O}(1; \{6^4, 4^2, 3, 2^{22}\})$	2880
12	$\mathcal{O}(1; \{6^4, 4^2, 3^4, 2^{18}\})$	24768
12	$\mathcal{O}(1; \{6^4, 4^2, 3^7, 2^{14}\})$	196416
12	$\mathcal{O}(1; \{6^4, 4^2, 3^{10}, 2^{10}\})$	1573056
12	$\mathcal{O}(1; \{6^4, 4^2, 3^{13}, 2^6\})$	12582720
12	$\mathcal{O}(1; \{6^4, 4^2, 3^{16}, 2^2\})$	100663488
12	$\mathcal{O}(1; \{6^4, 4^4, 3, 2^{19}\})$	11520
12	$\mathcal{O}(1; \{6^4, 4^4, 3^4, 2^{15}\})$	99072
12	$\mathcal{O}(1; \{6^4, 4^4, 3^7, 2^{11}\})$	785664
12	$\mathcal{O}(1; \{6^4, 4^4, 3^{10}, 2^7\})$	6292224
12	$\mathcal{O}(1; \{6^4, 4^4, 3^{13}, 2^3\})$	50330880
12	$\mathcal{O}(1; \{6^4, 4^6, 3, 2^{16}\})$	46080
12	$\mathcal{O}(1; \{6^4, 4^6, 3^4, 2^{12}\})$	396288
12	$\mathcal{O}(1; \{6^4, 4^6, 3^7, 2^8\})$	3142656
12	$\mathcal{O}(1; \{6^4, 4^6, 3^{10}, 2^4\})$	25168896
12	$\mathcal{O}(1; \{6^4, 4^6, 3^{13}\})$	201323520
12	$\mathcal{O}(1; \{6^4, 4^8, 3, 2^{13}\})$	184320
12	$\mathcal{O}(1; \{6^4, 4^8, 3^4, 2^9\})$	1585152
12	$\mathcal{O}(1; \{6^4, 4^8, 3^7, 2^5\})$	12570624
12	$\mathcal{O}(1; \{6^4, 4^8, 3^{10}, 2\})$	100675584
12	$\mathcal{O}(1; \{6^4, 4^{10}, 3, 2^{10}\})$	737280
12	$\mathcal{O}(1; \{6^4, 4^{10}, 3^4, 2^6\})$	6340608
12	$\mathcal{O}(1; \{6^4, 4^{10}, 3^7, 2^2\})$	50282496
12	$\mathcal{O}(1; \{6^4, 4^{12}, 3, 2^7\})$	2949120
12	$\mathcal{O}(1; \{6^4, 4^{12}, 3^4, 2^3\})$	25362432
12	$\mathcal{O}(1; \{6^4, 4^{14}, 3, 2^4\})$	11796480
12	$\mathcal{O}(1; \{6^4, 4^{14}, 3^4\})$	101449728

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^4, 4^{16}, 3, 2\})$	47185920
12	$\mathcal{O}(1; \{6^5, 4^2, 3^2, 2^{19}\})$	12096
12	$\mathcal{O}(1; \{6^5, 4^2, 3^5, 2^{15}\})$	98496
12	$\mathcal{O}(1; \{6^5, 4^2, 3^8, 2^{11}\})$	786240
12	$\mathcal{O}(1; \{6^5, 4^2, 3^{11}, 2^7\})$	6291648
12	$\mathcal{O}(1; \{6^5, 4^2, 3^{14}, 2^3\})$	50331456
12	$\mathcal{O}(1; \{6^5, 4^4, 3^2, 2^{16}\})$	48384
12	$\mathcal{O}(1; \{6^5, 4^4, 3^5, 2^{12}\})$	393984
12	$\mathcal{O}(1; \{6^5, 4^4, 3^8, 2^8\})$	3144960
12	$\mathcal{O}(1; \{6^5, 4^4, 3^{11}, 2^4\})$	25166592
12	$\mathcal{O}(1; \{6^5, 4^4, 3^{14}\})$	201325824
12	$\mathcal{O}(1; \{6^5, 4^6, 3^2, 2^{13}\})$	193536
12	$\mathcal{O}(1; \{6^5, 4^6, 3^5, 2^9\})$	1575936
12	$\mathcal{O}(1; \{6^5, 4^6, 3^8, 2^5\})$	12579840
12	$\mathcal{O}(1; \{6^5, 4^6, 3^{11}, 2\})$	100666368
12	$\mathcal{O}(1; \{6^5, 4^8, 3^2, 2^{10}\})$	774144
12	$\mathcal{O}(1; \{6^5, 4^8, 3^5, 2^6\})$	6303744
12	$\mathcal{O}(1; \{6^5, 4^8, 3^8, 2^2\})$	50319360
12	$\mathcal{O}(1; \{6^5, 4^{10}, 3^2, 2^7\})$	3096576
12	$\mathcal{O}(1; \{6^5, 4^{10}, 3^5, 2^3\})$	25214976
12	$\mathcal{O}(1; \{6^5, 4^{12}, 3^2, 2^4\})$	12386304
12	$\mathcal{O}(1; \{6^5, 4^{12}, 3^5\})$	100859904
12	$\mathcal{O}(1; \{6^5, 4^{14}, 3^2, 2\})$	49545216
12	$\mathcal{O}(1; \{6^6, 4^2, 2^{20}\})$	6336
12	$\mathcal{O}(1; \{6^6, 4^2, 3^3, 2^{16}\})$	48960
12	$\mathcal{O}(1; \{6^6, 4^2, 3^6, 2^{12}\})$	393408
12	$\mathcal{O}(1; \{6^6, 4^2, 3^9, 2^8\})$	3145536
12	$\mathcal{O}(1; \{6^6, 4^2, 3^{12}, 2^4\})$	25166016
12	$\mathcal{O}(1; \{6^6, 4^2, 3^{15}\})$	201326400
12	$\mathcal{O}(1; \{6^6, 4^4, 2^{17}\})$	25344
12	$\mathcal{O}(1; \{6^6, 4^4, 3^3, 2^{13}\})$	195840
12	$\mathcal{O}(1; \{6^6, 4^4, 3^6, 2^9\})$	1573632
12	$\mathcal{O}(1; \{6^6, 4^4, 3^9, 2^5\})$	12582144
12	$\mathcal{O}(1; \{6^6, 4^4, 3^{12}, 2\})$	100664064
12	$\mathcal{O}(1; \{6^6, 4^6, 2^{14}\})$	101376
12	$\mathcal{O}(1; \{6^6, 4^6, 3^3, 2^{10}\})$	783360
12	$\mathcal{O}(1; \{6^6, 4^6, 3^6, 2^6\})$	6294528
12	$\mathcal{O}(1; \{6^6, 4^6, 3^9, 2^2\})$	50328576
12	$\mathcal{O}(1; \{6^6, 4^8, 2^{11}\})$	405504
12	$\mathcal{O}(1; \{6^6, 4^8, 3^3, 2^7\})$	3133440
12	$\mathcal{O}(1; \{6^6, 4^8, 3^6, 2^3\})$	25178112
12	$\mathcal{O}(1; \{6^6, 4^{10}, 2^8\})$	1622016
12	$\mathcal{O}(1; \{6^6, 4^{10}, 3^3, 2^4\})$	12533760

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^6, 4^{10}, 3^6\})$	100712448
12	$\mathcal{O}(1; \{6^6, 4^{12}, 2^5\})$	6488064
12	$\mathcal{O}(1; \{6^6, 4^{12}, 3^3, 2\})$	50135040
12	$\mathcal{O}(1; \{6^6, 4^{14}, 2^2\})$	25952256
12	$\mathcal{O}(1; \{6^7, 4^2, 3, 2^{17}\})$	24768
12	$\mathcal{O}(1; \{6^7, 4^2, 3^4, 2^{13}\})$	196416
12	$\mathcal{O}(1; \{6^7, 4^2, 3^7, 2^9\})$	1573056
12	$\mathcal{O}(1; \{6^7, 4^2, 3^{10}, 2^5\})$	12582720
12	$\mathcal{O}(1; \{6^7, 4^2, 3^{13}, 2\})$	100663488
12	$\mathcal{O}(1; \{6^7, 4^4, 3, 2^{14}\})$	99072
12	$\mathcal{O}(1; \{6^7, 4^4, 3^4, 2^{10}\})$	785664
12	$\mathcal{O}(1; \{6^7, 4^4, 3^7, 2^6\})$	6292224
12	$\mathcal{O}(1; \{6^7, 4^4, 3^{10}, 2^2\})$	50330880
12	$\mathcal{O}(1; \{6^7, 4^6, 3, 2^{11}\})$	396288
12	$\mathcal{O}(1; \{6^7, 4^6, 3^4, 2^7\})$	3142656
12	$\mathcal{O}(1; \{6^7, 4^6, 3^7, 2^3\})$	25168896
12	$\mathcal{O}(1; \{6^7, 4^8, 3, 2^8\})$	1585152
12	$\mathcal{O}(1; \{6^7, 4^8, 3^4, 2^4\})$	12570624
12	$\mathcal{O}(1; \{6^7, 4^8, 3^7\})$	100675584
12	$\mathcal{O}(1; \{6^7, 4^{10}, 3, 2^5\})$	6340608
12	$\mathcal{O}(1; \{6^7, 4^{10}, 3^4, 2\})$	50282496
12	$\mathcal{O}(1; \{6^7, 4^{12}, 3, 2^2\})$	25362432
12	$\mathcal{O}(1; \{6^8, 4^2, 3^2, 2^{14}\})$	98496
12	$\mathcal{O}(1; \{6^8, 4^2, 3^5, 2^{10}\})$	786240
12	$\mathcal{O}(1; \{6^8, 4^2, 3^8, 2^6\})$	6291648
12	$\mathcal{O}(1; \{6^8, 4^2, 3^{11}, 2^2\})$	50331456
12	$\mathcal{O}(1; \{6^8, 4^4, 3^2, 2^{11}\})$	393984
12	$\mathcal{O}(1; \{6^8, 4^4, 3^5, 2^7\})$	3144960
12	$\mathcal{O}(1; \{6^8, 4^4, 3^8, 2^3\})$	25166592
12	$\mathcal{O}(1; \{6^8, 4^6, 3^2, 2^8\})$	1575936
12	$\mathcal{O}(1; \{6^8, 4^6, 3^5, 2^4\})$	12579840
12	$\mathcal{O}(1; \{6^8, 4^6, 3^8\})$	100666368
12	$\mathcal{O}(1; \{6^8, 4^8, 3^2, 2^5\})$	6303744
12	$\mathcal{O}(1; \{6^8, 4^8, 3^5, 2\})$	50319360
12	$\mathcal{O}(1; \{6^8, 4^{10}, 3^2, 2^2\})$	25214976
12	$\mathcal{O}(1; \{6^9, 4^2, 2^{15}\})$	48960
12	$\mathcal{O}(1; \{6^9, 4^2, 3^3, 2^{11}\})$	393408
12	$\mathcal{O}(1; \{6^9, 4^2, 3^6, 2^7\})$	3145536
12	$\mathcal{O}(1; \{6^9, 4^2, 3^9, 2^3\})$	25166016
12	$\mathcal{O}(1; \{6^9, 4^4, 2^{12}\})$	195840
12	$\mathcal{O}(1; \{6^9, 4^4, 3^3, 2^8\})$	1573632
12	$\mathcal{O}(1; \{6^9, 4^4, 3^6, 2^4\})$	12582144
12	$\mathcal{O}(1; \{6^9, 4^4, 3^9\})$	100664064

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^9, 4^6, 2^9\})$	783360
12	$\mathcal{O}(1; \{6^9, 4^6, 3^3, 2^5\})$	6294528
12	$\mathcal{O}(1; \{6^9, 4^6, 3^6, 2\})$	50328576
12	$\mathcal{O}(1; \{6^9, 4^8, 2^6\})$	3133440
12	$\mathcal{O}(1; \{6^9, 4^8, 3^3, 2^2\})$	25178112
12	$\mathcal{O}(1; \{6^9, 4^{10}, 2^3\})$	12533760
12	$\mathcal{O}(1; \{6^9, 4^{12}\})$	50135040
12	$\mathcal{O}(1; \{6^{10}, 4^2, 3, 2^{12}\})$	196416
12	$\mathcal{O}(1; \{6^{10}, 4^2, 3^4, 2^8\})$	1573056
12	$\mathcal{O}(1; \{6^{10}, 4^2, 3^7, 2^4\})$	12582720
12	$\mathcal{O}(1; \{6^{10}, 4^2, 3^{10}\})$	100663488
12	$\mathcal{O}(1; \{6^{10}, 4^4, 3, 2^9\})$	785664
12	$\mathcal{O}(1; \{6^{10}, 4^4, 3^4, 2^5\})$	6292224
12	$\mathcal{O}(1; \{6^{10}, 4^4, 3^7, 2\})$	50330880
12	$\mathcal{O}(1; \{6^{10}, 4^6, 3, 2^6\})$	3142656
12	$\mathcal{O}(1; \{6^{10}, 4^6, 3^4, 2^2\})$	25168896
12	$\mathcal{O}(1; \{6^{10}, 4^8, 3, 2^3\})$	12570624
12	$\mathcal{O}(1; \{6^{10}, 4^{10}, 3\})$	50282496
12	$\mathcal{O}(1; \{6^{11}, 4^2, 3^2, 2^9\})$	786240
12	$\mathcal{O}(1; \{6^{11}, 4^2, 3^5, 2^5\})$	6291648
12	$\mathcal{O}(1; \{6^{11}, 4^2, 3^8, 2\})$	50331456
12	$\mathcal{O}(1; \{6^{11}, 4^4, 3^2, 2^6\})$	3144960
12	$\mathcal{O}(1; \{6^{11}, 4^4, 3^5, 2^2\})$	25166592
12	$\mathcal{O}(1; \{6^{11}, 4^6, 3^2, 2^3\})$	12579840
12	$\mathcal{O}(1; \{6^{11}, 4^8, 3^2\})$	50319360
12	$\mathcal{O}(1; \{6^{12}, 4^2, 2^{10}\})$	393408
12	$\mathcal{O}(1; \{6^{12}, 4^2, 3^3, 2^6\})$	3145536
12	$\mathcal{O}(1; \{6^{12}, 4^2, 3^6, 2^2\})$	25166016
12	$\mathcal{O}(1; \{6^{12}, 4^4, 2^7\})$	1573632
12	$\mathcal{O}(1; \{6^{12}, 4^4, 3^3, 2^3\})$	12582144
12	$\mathcal{O}(1; \{6^{12}, 4^6, 2^4\})$	6294528
12	$\mathcal{O}(1; \{6^{12}, 4^6, 3^3\})$	50328576
12	$\mathcal{O}(1; \{6^{12}, 4^8, 2\})$	25178112
12	$\mathcal{O}(1; \{6^{13}, 4^2, 3, 2^7\})$	1573056
12	$\mathcal{O}(1; \{6^{13}, 4^2, 3^4, 2^3\})$	12582720
12	$\mathcal{O}(1; \{6^{13}, 4^4, 3, 2^4\})$	6292224
12	$\mathcal{O}(1; \{6^{13}, 4^4, 3^4\})$	50330880
12	$\mathcal{O}(1; \{6^{13}, 4^6, 3, 2\})$	25168896
12	$\mathcal{O}(1; \{6^{14}, 4^2, 3^2, 2^4\})$	6291648
12	$\mathcal{O}(1; \{6^{14}, 4^2, 3^5\})$	50331456
12	$\mathcal{O}(1; \{6^{14}, 4^4, 3^2, 2\})$	25166592
12	$\mathcal{O}(1; \{6^{15}, 4^2, 2^5\})$	3145536
12	$\mathcal{O}(1; \{6^{15}, 4^2, 3^3, 2\})$	25166016

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^{15}, 4^4, 2^2\})$	12582144
12	$\mathcal{O}(1; \{6^{16}, 4^2, 3, 2^2\})$	12582720
12	$\mathcal{O}(1; \{6^{18}, 4^2\})$	25166016
12	$\mathcal{O}(1; \{12, 4, 3^2, 2^{27}\})$	576
12	$\mathcal{O}(1; \{12, 4, 3^5, 2^{23}\})$	6336
12	$\mathcal{O}(1; \{12, 4, 3^8, 2^{19}\})$	48960
12	$\mathcal{O}(1; \{12, 4, 3^{11}, 2^{15}\})$	393408
12	$\mathcal{O}(1; \{12, 4, 3^{14}, 2^{11}\})$	3145536
12	$\mathcal{O}(1; \{12, 4, 3^{17}, 2^7\})$	25166016
12	$\mathcal{O}(1; \{12, 4, 3^{20}, 2^3\})$	201326400
12	$\mathcal{O}(1; \{12, 4^3, 3^2, 2^{24}\})$	2304
12	$\mathcal{O}(1; \{12, 4^3, 3^5, 2^{20}\})$	25344
12	$\mathcal{O}(1; \{12, 4^3, 3^8, 2^{16}\})$	195840
12	$\mathcal{O}(1; \{12, 4^3, 3^{11}, 2^{12}\})$	1573632
12	$\mathcal{O}(1; \{12, 4^3, 3^{14}, 2^8\})$	12582144
12	$\mathcal{O}(1; \{12, 4^3, 3^{17}, 2^4\})$	100664064
12	$\mathcal{O}(1; \{12, 4^3, 3^{20}\})$	805305600
12	$\mathcal{O}(1; \{12, 4^5, 3^2, 2^{21}\})$	9216
12	$\mathcal{O}(1; \{12, 4^5, 3^5, 2^{17}\})$	101376
12	$\mathcal{O}(1; \{12, 4^5, 3^8, 2^{13}\})$	783360
12	$\mathcal{O}(1; \{12, 4^5, 3^{11}, 2^9\})$	6294528
12	$\mathcal{O}(1; \{12, 4^5, 3^{14}, 2^5\})$	50328576
12	$\mathcal{O}(1; \{12, 4^5, 3^{17}, 2\})$	402656256
12	$\mathcal{O}(1; \{12, 4^7, 3^2, 2^{18}\})$	36864
12	$\mathcal{O}(1; \{12, 4^7, 3^5, 2^{14}\})$	405504
12	$\mathcal{O}(1; \{12, 4^7, 3^8, 2^{10}\})$	3133440
12	$\mathcal{O}(1; \{12, 4^7, 3^{11}, 2^6\})$	25178112
12	$\mathcal{O}(1; \{12, 4^7, 3^{14}, 2^2\})$	201314304
12	$\mathcal{O}(1; \{12, 4^9, 3^2, 2^{15}\})$	147456
12	$\mathcal{O}(1; \{12, 4^9, 3^5, 2^{11}\})$	1622016
12	$\mathcal{O}(1; \{12, 4^9, 3^8, 2^7\})$	12533760
12	$\mathcal{O}(1; \{12, 4^9, 3^{11}, 2^3\})$	100712448
12	$\mathcal{O}(1; \{12, 4^{11}, 3^2, 2^{12}\})$	589824
12	$\mathcal{O}(1; \{12, 4^{11}, 3^5, 2^8\})$	6488064
12	$\mathcal{O}(1; \{12, 4^{11}, 3^8, 2^4\})$	50135040
12	$\mathcal{O}(1; \{12, 4^{11}, 3^{11}\})$	402849792
12	$\mathcal{O}(1; \{12, 4^{13}, 3^2, 2^9\})$	2359296
12	$\mathcal{O}(1; \{12, 4^{13}, 3^5, 2^5\})$	25952256
12	$\mathcal{O}(1; \{12, 4^{13}, 3^8, 2\})$	200540160
12	$\mathcal{O}(1; \{12, 4^{15}, 3^2, 2^6\})$	9437184
12	$\mathcal{O}(1; \{12, 4^{15}, 3^5, 2^2\})$	103809024
12	$\mathcal{O}(1; \{12, 4^{17}, 3^2, 2^3\})$	37748736
12	$\mathcal{O}(1; \{12, 4^{19}, 3^2\})$	150994944

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6, 4, 2^{28}\})$	576
12	$\mathcal{O}(1; \{12, 6, 4, 3^3, 2^{24}\})$	2880
12	$\mathcal{O}(1; \{12, 6, 4, 3^6, 2^{20}\})$	24768
12	$\mathcal{O}(1; \{12, 6, 4, 3^9, 2^{16}\})$	196416
12	$\mathcal{O}(1; \{12, 6, 4, 3^{12}, 2^{12}\})$	1573056
12	$\mathcal{O}(1; \{12, 6, 4, 3^{15}, 2^8\})$	12582720
12	$\mathcal{O}(1; \{12, 6, 4, 3^{18}, 2^4\})$	100663488
12	$\mathcal{O}(1; \{12, 6, 4, 3^{21}\})$	805306176
12	$\mathcal{O}(1; \{12, 6, 4^3, 2^{25}\})$	2304
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^3, 2^{21}\})$	11520
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^6, 2^{17}\})$	99072
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^9, 2^{13}\})$	785664
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^{12}, 2^9\})$	6292224
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^{15}, 2^5\})$	50330880
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^{18}, 2\})$	402653952
12	$\mathcal{O}(1; \{12, 6, 4^5, 2^{22}\})$	9216
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^3, 2^{18}\})$	46080
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^6, 2^{14}\})$	396288
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^9, 2^{10}\})$	3142656
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^{12}, 2^6\})$	25168896
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^{15}, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12, 6, 4^7, 2^{19}\})$	36864
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^3, 2^{15}\})$	184320
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^6, 2^{11}\})$	1585152
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^9, 2^7\})$	12570624
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^{12}, 2^3\})$	100675584
12	$\mathcal{O}(1; \{12, 6, 4^9, 2^{16}\})$	147456
12	$\mathcal{O}(1; \{12, 6, 4^9, 3^3, 2^{12}\})$	737280
12	$\mathcal{O}(1; \{12, 6, 4^9, 3^6, 2^8\})$	6340608
12	$\mathcal{O}(1; \{12, 6, 4^9, 3^9, 2^4\})$	50282496
12	$\mathcal{O}(1; \{12, 6, 4^9, 3^{12}\})$	402702336
12	$\mathcal{O}(1; \{12, 6, 4^{11}, 2^{13}\})$	589824
12	$\mathcal{O}(1; \{12, 6, 4^{11}, 3^3, 2^9\})$	2949120
12	$\mathcal{O}(1; \{12, 6, 4^{11}, 3^6, 2^5\})$	25362432
12	$\mathcal{O}(1; \{12, 6, 4^{11}, 3^9, 2\})$	201129984
12	$\mathcal{O}(1; \{12, 6, 4^{13}, 2^{10}\})$	2359296
12	$\mathcal{O}(1; \{12, 6, 4^{13}, 3^3, 2^6\})$	11796480
12	$\mathcal{O}(1; \{12, 6, 4^{13}, 3^6, 2^2\})$	101449728
12	$\mathcal{O}(1; \{12, 6, 4^{15}, 2^7\})$	9437184
12	$\mathcal{O}(1; \{12, 6, 4^{15}, 3^3, 2^3\})$	47185920
12	$\mathcal{O}(1; \{12, 6, 4^{17}, 2^4\})$	37748736
12	$\mathcal{O}(1; \{12, 6, 4^{17}, 3^3\})$	188743680
12	$\mathcal{O}(1; \{12, 6, 4^{19}, 2\})$	150994944

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^2, 4, 3, 2^{25}\})$	1728
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^4, 2^{21}\})$	12096
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^7, 2^{17}\})$	98496
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^{10}, 2^{13}\})$	786240
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^{13}, 2^9\})$	6291648
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^{16}, 2^5\})$	50331456
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^{19}, 2\})$	402653376
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3, 2^{22}\})$	6912
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^4, 2^{18}\})$	48384
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^7, 2^{14}\})$	393984
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^{10}, 2^{10}\})$	3144960
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^{13}, 2^6\})$	25166592
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^{16}, 2^2\})$	201325824
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3, 2^{19}\})$	27648
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^4, 2^{15}\})$	193536
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^7, 2^{11}\})$	1575936
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^{10}, 2^7\})$	12579840
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^{13}, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3, 2^{16}\})$	110592
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^4, 2^{12}\})$	774144
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^7, 2^8\})$	6303744
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^{10}, 2^4\})$	50319360
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^{13}\})$	402665472
12	$\mathcal{O}(1; \{12, 6^2, 4^9, 3, 2^{13}\})$	442368
12	$\mathcal{O}(1; \{12, 6^2, 4^9, 3^4, 2^9\})$	3096576
12	$\mathcal{O}(1; \{12, 6^2, 4^9, 3^7, 2^5\})$	25214976
12	$\mathcal{O}(1; \{12, 6^2, 4^9, 3^{10}, 2\})$	201277440
12	$\mathcal{O}(1; \{12, 6^2, 4^{11}, 3, 2^{10}\})$	1769472
12	$\mathcal{O}(1; \{12, 6^2, 4^{11}, 3^4, 2^6\})$	12386304
12	$\mathcal{O}(1; \{12, 6^2, 4^{11}, 3^7, 2^2\})$	100859904
12	$\mathcal{O}(1; \{12, 6^2, 4^{13}, 3, 2^7\})$	7077888
12	$\mathcal{O}(1; \{12, 6^2, 4^{13}, 3^4, 2^3\})$	49545216
12	$\mathcal{O}(1; \{12, 6^2, 4^{15}, 3, 2^4\})$	28311552
12	$\mathcal{O}(1; \{12, 6^2, 4^{15}, 3^4\})$	198180864
12	$\mathcal{O}(1; \{12, 6^2, 4^{17}, 3, 2\})$	113246208
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^2, 2^{22}\})$	6336
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^5, 2^{18}\})$	48960
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^8, 2^{14}\})$	393408
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^{11}, 2^{10}\})$	3145536
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^{14}, 2^6\})$	25166016
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^{17}, 2^2\})$	201326400
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^2, 2^{19}\})$	25344
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^5, 2^{15}\})$	195840

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^8, 2^{11}\})$	1573632
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^{11}, 2^7\})$	12582144
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^{14}, 2^3\})$	100664064
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^2, 2^{16}\})$	101376
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^5, 2^{12}\})$	783360
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^8, 2^8\})$	6294528
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^{11}, 2^4\})$	50328576
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^{14}\})$	402656256
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 3^2, 2^{13}\})$	405504
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 3^5, 2^9\})$	3133440
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 3^8, 2^5\})$	25178112
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 3^{11}, 2\})$	201314304
12	$\mathcal{O}(1; \{12, 6^3, 4^9, 3^2, 2^{10}\})$	1622016
12	$\mathcal{O}(1; \{12, 6^3, 4^9, 3^5, 2^6\})$	12533760
12	$\mathcal{O}(1; \{12, 6^3, 4^9, 3^8, 2^2\})$	100712448
12	$\mathcal{O}(1; \{12, 6^3, 4^{11}, 3^2, 2^7\})$	6488064
12	$\mathcal{O}(1; \{12, 6^3, 4^{11}, 3^5, 2^3\})$	50135040
12	$\mathcal{O}(1; \{12, 6^3, 4^{13}, 3^2, 2^4\})$	25952256
12	$\mathcal{O}(1; \{12, 6^3, 4^{13}, 3^5\})$	200540160
12	$\mathcal{O}(1; \{12, 6^3, 4^{15}, 3^2, 2\})$	103809024
12	$\mathcal{O}(1; \{12, 6^4, 4, 2^{23}\})$	2880
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^3, 2^{19}\})$	24768
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^6, 2^{15}\})$	196416
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^9, 2^{11}\})$	1573056
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^{12}, 2^7\})$	12582720
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^{15}, 2^3\})$	100663488
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 2^{20}\})$	11520
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^3, 2^{16}\})$	99072
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^6, 2^{12}\})$	785664
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^9, 2^8\})$	6292224
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^{12}, 2^4\})$	50330880
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^{15}\})$	402653952
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 2^{17}\})$	46080
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3^3, 2^{13}\})$	396288
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3^6, 2^9\})$	3142656
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3^9, 2^5\})$	25168896
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3^{12}, 2\})$	201323520
12	$\mathcal{O}(1; \{12, 6^4, 4^7, 2^{14}\})$	184320
12	$\mathcal{O}(1; \{12, 6^4, 4^7, 3^3, 2^{10}\})$	1585152
12	$\mathcal{O}(1; \{12, 6^4, 4^7, 3^6, 2^6\})$	12570624
12	$\mathcal{O}(1; \{12, 6^4, 4^7, 3^9, 2^2\})$	100675584
12	$\mathcal{O}(1; \{12, 6^4, 4^9, 2^{11}\})$	737280
12	$\mathcal{O}(1; \{12, 6^4, 4^9, 3^3, 2^7\})$	6340608

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^4, 4^9, 3^6, 2^3\})$	50282496
12	$\mathcal{O}(1; \{12, 6^4, 4^{11}, 2^8\})$	2949120
12	$\mathcal{O}(1; \{12, 6^4, 4^{11}, 3^3, 2^4\})$	25362432
12	$\mathcal{O}(1; \{12, 6^4, 4^{11}, 3^6\})$	201129984
12	$\mathcal{O}(1; \{12, 6^4, 4^{13}, 2^5\})$	11796480
12	$\mathcal{O}(1; \{12, 6^4, 4^{13}, 3^3, 2\})$	101449728
12	$\mathcal{O}(1; \{12, 6^4, 4^{15}, 2^2\})$	47185920
12	$\mathcal{O}(1; \{12, 6^5, 4, 3, 2^{20}\})$	12096
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^4, 2^{16}\})$	98496
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^7, 2^{12}\})$	786240
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^{10}, 2^8\})$	6291648
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^{13}, 2^4\})$	50331456
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^{16}\})$	402653376
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3, 2^{17}\})$	48384
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^4, 2^{13}\})$	393984
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^7, 2^9\})$	3144960
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^{10}, 2^5\})$	25166592
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^{13}, 2\})$	201325824
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 3, 2^{14}\})$	193536
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 3^4, 2^{10}\})$	1575936
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 3^7, 2^6\})$	12579840
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 3^{10}, 2^2\})$	100666368
12	$\mathcal{O}(1; \{12, 6^5, 4^7, 3, 2^{11}\})$	774144
12	$\mathcal{O}(1; \{12, 6^5, 4^7, 3^4, 2^7\})$	6303744
12	$\mathcal{O}(1; \{12, 6^5, 4^7, 3^7, 2^3\})$	50319360
12	$\mathcal{O}(1; \{12, 6^5, 4^9, 3, 2^8\})$	3096576
12	$\mathcal{O}(1; \{12, 6^5, 4^9, 3^4, 2^4\})$	25214976
12	$\mathcal{O}(1; \{12, 6^5, 4^9, 3^7\})$	201277440
12	$\mathcal{O}(1; \{12, 6^5, 4^{11}, 3, 2^5\})$	12386304
12	$\mathcal{O}(1; \{12, 6^5, 4^{11}, 3^4, 2\})$	100859904
12	$\mathcal{O}(1; \{12, 6^5, 4^{13}, 3, 2^2\})$	49545216
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^2, 2^{17}\})$	48960
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^5, 2^{13}\})$	393408
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^8, 2^9\})$	3145536
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^{11}, 2^5\})$	25166016
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^{14}, 2\})$	201326400
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3^2, 2^{14}\})$	195840
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3^5, 2^{10}\})$	1573632
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3^8, 2^6\})$	12582144
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3^{11}, 2^2\})$	100664064
12	$\mathcal{O}(1; \{12, 6^6, 4^5, 3^2, 2^{11}\})$	783360
12	$\mathcal{O}(1; \{12, 6^6, 4^5, 3^5, 2^7\})$	6294528
12	$\mathcal{O}(1; \{12, 6^6, 4^5, 3^8, 2^3\})$	50328576

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^6, 4^7, 3^2, 2^8\})$	3133440
12	$\mathcal{O}(1; \{12, 6^6, 4^7, 3^5, 2^4\})$	25178112
12	$\mathcal{O}(1; \{12, 6^6, 4^7, 3^8\})$	201314304
12	$\mathcal{O}(1; \{12, 6^6, 4^9, 3^2, 2^5\})$	12533760
12	$\mathcal{O}(1; \{12, 6^6, 4^9, 3^5, 2\})$	100712448
12	$\mathcal{O}(1; \{12, 6^6, 4^{11}, 3^2, 2^2\})$	50135040
12	$\mathcal{O}(1; \{12, 6^7, 4, 2^{18}\})$	24768
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^3, 2^{14}\})$	196416
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^6, 2^{10}\})$	1573056
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^9, 2^6\})$	12582720
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^{12}, 2^2\})$	100663488
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 2^{15}\})$	99072
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 3^3, 2^{11}\})$	785664
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 3^6, 2^7\})$	6292224
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 3^9, 2^3\})$	50330880
12	$\mathcal{O}(1; \{12, 6^7, 4^5, 2^{12}\})$	396288
12	$\mathcal{O}(1; \{12, 6^7, 4^5, 3^3, 2^8\})$	3142656
12	$\mathcal{O}(1; \{12, 6^7, 4^5, 3^6, 2^4\})$	25168896
12	$\mathcal{O}(1; \{12, 6^7, 4^5, 3^9\})$	201323520
12	$\mathcal{O}(1; \{12, 6^7, 4^7, 2^9\})$	1585152
12	$\mathcal{O}(1; \{12, 6^7, 4^7, 3^3, 2^5\})$	12570624
12	$\mathcal{O}(1; \{12, 6^7, 4^7, 3^6, 2\})$	100675584
12	$\mathcal{O}(1; \{12, 6^7, 4^9, 2^6\})$	6340608
12	$\mathcal{O}(1; \{12, 6^7, 4^9, 3^3, 2^2\})$	50282496
12	$\mathcal{O}(1; \{12, 6^7, 4^{11}, 2^3\})$	25362432
12	$\mathcal{O}(1; \{12, 6^7, 4^{13}\})$	101449728
12	$\mathcal{O}(1; \{12, 6^8, 4, 3, 2^{15}\})$	98496
12	$\mathcal{O}(1; \{12, 6^8, 4, 3^4, 2^{11}\})$	786240
12	$\mathcal{O}(1; \{12, 6^8, 4, 3^7, 2^7\})$	6291648
12	$\mathcal{O}(1; \{12, 6^8, 4, 3^{10}, 2^3\})$	50331456
12	$\mathcal{O}(1; \{12, 6^8, 4^3, 3, 2^{12}\})$	393984
12	$\mathcal{O}(1; \{12, 6^8, 4^3, 3^4, 2^8\})$	3144960
12	$\mathcal{O}(1; \{12, 6^8, 4^3, 3^7, 2^4\})$	25166592
12	$\mathcal{O}(1; \{12, 6^8, 4^3, 3^{10}\})$	201325824
12	$\mathcal{O}(1; \{12, 6^8, 4^5, 3, 2^9\})$	1575936
12	$\mathcal{O}(1; \{12, 6^8, 4^5, 3^4, 2^5\})$	12579840
12	$\mathcal{O}(1; \{12, 6^8, 4^5, 3^7, 2\})$	100666368
12	$\mathcal{O}(1; \{12, 6^8, 4^7, 3, 2^6\})$	6303744
12	$\mathcal{O}(1; \{12, 6^8, 4^7, 3^4, 2^2\})$	50319360
12	$\mathcal{O}(1; \{12, 6^8, 4^9, 3, 2^3\})$	25214976
12	$\mathcal{O}(1; \{12, 6^8, 4^{11}, 3\})$	100859904
12	$\mathcal{O}(1; \{12, 6^9, 4, 3^2, 2^{12}\})$	393408
12	$\mathcal{O}(1; \{12, 6^9, 4, 3^5, 2^8\})$	3145536

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^9, 4, 3^8, 2^4\})$	25166016
12	$\mathcal{O}(1; \{12, 6^9, 4, 3^{11}\})$	201326400
12	$\mathcal{O}(1; \{12, 6^9, 4^3, 3^2, 2^9\})$	1573632
12	$\mathcal{O}(1; \{12, 6^9, 4^3, 3^5, 2^5\})$	12582144
12	$\mathcal{O}(1; \{12, 6^9, 4^3, 3^8, 2\})$	100664064
12	$\mathcal{O}(1; \{12, 6^9, 4^5, 3^2, 2^6\})$	6294528
12	$\mathcal{O}(1; \{12, 6^9, 4^5, 3^5, 2^2\})$	50328576
12	$\mathcal{O}(1; \{12, 6^9, 4^7, 3^2, 2^3\})$	25178112
12	$\mathcal{O}(1; \{12, 6^9, 4^9, 3^2\})$	100712448
12	$\mathcal{O}(1; \{12, 6^{10}, 4, 2^{13}\})$	196416
12	$\mathcal{O}(1; \{12, 6^{10}, 4, 3^3, 2^9\})$	1573056
12	$\mathcal{O}(1; \{12, 6^{10}, 4, 3^6, 2^5\})$	12582720
12	$\mathcal{O}(1; \{12, 6^{10}, 4, 3^9, 2\})$	100663488
12	$\mathcal{O}(1; \{12, 6^{10}, 4^3, 2^{10}\})$	785664
12	$\mathcal{O}(1; \{12, 6^{10}, 4^3, 3^3, 2^6\})$	6292224
12	$\mathcal{O}(1; \{12, 6^{10}, 4^3, 3^6, 2^2\})$	50330880
12	$\mathcal{O}(1; \{12, 6^{10}, 4^5, 2^7\})$	3142656
12	$\mathcal{O}(1; \{12, 6^{10}, 4^5, 3^3, 2^3\})$	25168896
12	$\mathcal{O}(1; \{12, 6^{10}, 4^7, 2^4\})$	12570624
12	$\mathcal{O}(1; \{12, 6^{10}, 4^7, 3^3\})$	100675584
12	$\mathcal{O}(1; \{12, 6^{10}, 4^9, 2\})$	50282496
12	$\mathcal{O}(1; \{12, 6^{11}, 4, 3, 2^{10}\})$	786240
12	$\mathcal{O}(1; \{12, 6^{11}, 4, 3^4, 2^6\})$	6291648
12	$\mathcal{O}(1; \{12, 6^{11}, 4, 3^7, 2^2\})$	50331456
12	$\mathcal{O}(1; \{12, 6^{11}, 4^3, 3, 2^7\})$	3144960
12	$\mathcal{O}(1; \{12, 6^{11}, 4^3, 3^4, 2^3\})$	25166592
12	$\mathcal{O}(1; \{12, 6^{11}, 4^5, 3, 2^4\})$	12579840
12	$\mathcal{O}(1; \{12, 6^{11}, 4^5, 3^4\})$	100666368
12	$\mathcal{O}(1; \{12, 6^{11}, 4^7, 3, 2\})$	50319360
12	$\mathcal{O}(1; \{12, 6^{12}, 4, 3^2, 2^7\})$	3145536
12	$\mathcal{O}(1; \{12, 6^{12}, 4, 3^5, 2^3\})$	25166016
12	$\mathcal{O}(1; \{12, 6^{12}, 4^3, 3^2, 2^4\})$	12582144
12	$\mathcal{O}(1; \{12, 6^{12}, 4^3, 3^5\})$	100664064
12	$\mathcal{O}(1; \{12, 6^{12}, 4^5, 3^2, 2\})$	50328576
12	$\mathcal{O}(1; \{12, 6^{13}, 4, 2^8\})$	1573056
12	$\mathcal{O}(1; \{12, 6^{13}, 4, 3^3, 2^4\})$	12582720
12	$\mathcal{O}(1; \{12, 6^{13}, 4, 3^6\})$	100663488
12	$\mathcal{O}(1; \{12, 6^{13}, 4^3, 2^9\})$	6292224
12	$\mathcal{O}(1; \{12, 6^{13}, 4^3, 3^3, 2\})$	50330880
12	$\mathcal{O}(1; \{12, 6^{13}, 4^5, 2^2\})$	25168896
12	$\mathcal{O}(1; \{12, 6^{14}, 4, 3, 2^5\})$	6291648
12	$\mathcal{O}(1; \{12, 6^{14}, 4, 3^4, 2\})$	50331456
12	$\mathcal{O}(1; \{12, 6^{14}, 4^3, 3, 2^2\})$	25166592

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^{15}, 4, 3^2, 2^2\})$	25166016
12	$\mathcal{O}(1; \{12, 6^{16}, 4, 2^3\})$	12582720
12	$\mathcal{O}(1; \{12, 6^{16}, 4^3\})$	50330880
12	$\mathcal{O}(1; \{12, 6^{17}, 4, 3\})$	50331456
12	$\mathcal{O}(1; \{12^2, 3, 2^{28}\})$	576
12	$\mathcal{O}(1; \{12^2, 3^4, 2^{24}\})$	6336
12	$\mathcal{O}(1; \{12^2, 3^7, 2^{20}\})$	48960
12	$\mathcal{O}(1; \{12^2, 3^{10}, 2^{16}\})$	393408
12	$\mathcal{O}(1; \{12^2, 3^{13}, 2^{12}\})$	3145536
12	$\mathcal{O}(1; \{12^2, 3^{16}, 2^8\})$	25166016
12	$\mathcal{O}(1; \{12^2, 3^{19}, 2^4\})$	201326400
12	$\mathcal{O}(1; \{12^2, 3^{22}\})$	1610612928
12	$\mathcal{O}(1; \{12^2, 4^2, 3, 2^{25}\})$	2304
12	$\mathcal{O}(1; \{12^2, 4^2, 3^4, 2^{21}\})$	25344
12	$\mathcal{O}(1; \{12^2, 4^2, 3^7, 2^{17}\})$	195840
12	$\mathcal{O}(1; \{12^2, 4^2, 3^{10}, 2^{13}\})$	1573632
12	$\mathcal{O}(1; \{12^2, 4^2, 3^{13}, 2^9\})$	12582144
12	$\mathcal{O}(1; \{12^2, 4^2, 3^{16}, 2^5\})$	100664064
12	$\mathcal{O}(1; \{12^2, 4^2, 3^{19}, 2\})$	805305600
12	$\mathcal{O}(1; \{12^2, 4^4, 3, 2^{22}\})$	9216
12	$\mathcal{O}(1; \{12^2, 4^4, 3^4, 2^{18}\})$	101376
12	$\mathcal{O}(1; \{12^2, 4^4, 3^7, 2^{14}\})$	783360
12	$\mathcal{O}(1; \{12^2, 4^4, 3^{10}, 2^{10}\})$	6294528
12	$\mathcal{O}(1; \{12^2, 4^4, 3^{13}, 2^6\})$	50328576
12	$\mathcal{O}(1; \{12^2, 4^4, 3^{16}, 2^2\})$	402656256
12	$\mathcal{O}(1; \{12^2, 4^6, 3, 2^{19}\})$	36864
12	$\mathcal{O}(1; \{12^2, 4^6, 3^4, 2^{15}\})$	405504
12	$\mathcal{O}(1; \{12^2, 4^6, 3^7, 2^{11}\})$	3133440
12	$\mathcal{O}(1; \{12^2, 4^6, 3^{10}, 2^7\})$	25178112
12	$\mathcal{O}(1; \{12^2, 4^6, 3^{13}, 2^3\})$	201314304
12	$\mathcal{O}(1; \{12^2, 4^8, 3, 2^{16}\})$	147456
12	$\mathcal{O}(1; \{12^2, 4^8, 3^4, 2^{12}\})$	1622016
12	$\mathcal{O}(1; \{12^2, 4^8, 3^7, 2^8\})$	12533760
12	$\mathcal{O}(1; \{12^2, 4^8, 3^{10}, 2^4\})$	100712448
12	$\mathcal{O}(1; \{12^2, 4^8, 3^{13}\})$	805257216
12	$\mathcal{O}(1; \{12^2, 4^{10}, 3, 2^{13}\})$	589824
12	$\mathcal{O}(1; \{12^2, 4^{10}, 3^4, 2^9\})$	6488064
12	$\mathcal{O}(1; \{12^2, 4^{10}, 3^7, 2^5\})$	50135040
12	$\mathcal{O}(1; \{12^2, 4^{10}, 3^{10}, 2\})$	402849792
12	$\mathcal{O}(1; \{12^2, 4^{12}, 3, 2^{10}\})$	2359296
12	$\mathcal{O}(1; \{12^2, 4^{12}, 3^4, 2^6\})$	25952256
12	$\mathcal{O}(1; \{12^2, 4^{12}, 3^7, 2^2\})$	200540160
12	$\mathcal{O}(1; \{12^2, 4^{14}, 3, 2^7\})$	9437184

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 4^{14}, 3^4, 2^3\})$	103809024
12	$\mathcal{O}(1; \{12^2, 4^{16}, 3, 2^4\})$	37748736
12	$\mathcal{O}(1; \{12^2, 4^{16}, 3^4\})$	415236096
12	$\mathcal{O}(1; \{12^2, 4^{18}, 3, 2\})$	150994944
12	$\mathcal{O}(1; \{12^2, 6, 3^2, 2^{25}\})$	2880
12	$\mathcal{O}(1; \{12^2, 6, 3^5, 2^{21}\})$	24768
12	$\mathcal{O}(1; \{12^2, 6, 3^8, 2^{17}\})$	196416
12	$\mathcal{O}(1; \{12^2, 6, 3^{11}, 2^{13}\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6, 3^{14}, 2^9\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6, 3^{17}, 2^5\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6, 3^{20}, 2\})$	805306176
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^2, 2^{22}\})$	11520
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^5, 2^{18}\})$	99072
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^8, 2^{14}\})$	785664
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^{11}, 2^{10}\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^{14}, 2^6\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^{17}, 2^2\})$	402653952
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^2, 2^{19}\})$	46080
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^5, 2^{15}\})$	396288
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^8, 2^{11}\})$	3142656
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^{11}, 2^7\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^{14}, 2^3\})$	201323520
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^2, 2^{16}\})$	184320
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^5, 2^{12}\})$	1585152
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^8, 2^8\})$	12570624
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^{11}, 2^4\})$	100675584
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^{14}\})$	805294080
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 3^2, 2^{13}\})$	737280
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 3^5, 2^9\})$	6340608
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 3^8, 2^5\})$	50282496
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 3^{11}, 2\})$	402702336
12	$\mathcal{O}(1; \{12^2, 6, 4^{10}, 3^2, 2^{10}\})$	2949120
12	$\mathcal{O}(1; \{12^2, 6, 4^{10}, 3^5, 2^6\})$	25362432
12	$\mathcal{O}(1; \{12^2, 6, 4^{10}, 3^8, 2^2\})$	201129984
12	$\mathcal{O}(1; \{12^2, 6, 4^{12}, 3^2, 2^7\})$	11796480
12	$\mathcal{O}(1; \{12^2, 6, 4^{12}, 3^5, 2^3\})$	101449728
12	$\mathcal{O}(1; \{12^2, 6, 4^{14}, 3^2, 2^4\})$	47185920
12	$\mathcal{O}(1; \{12^2, 6, 4^{14}, 3^5\})$	405798912
12	$\mathcal{O}(1; \{12^2, 6, 4^{16}, 3^2, 2\})$	188743680
12	$\mathcal{O}(1; \{12^2, 6^2, 2^{26}\})$	1728
12	$\mathcal{O}(1; \{12^2, 6^2, 3^3, 2^{22}\})$	12096
12	$\mathcal{O}(1; \{12^2, 6^2, 3^6, 2^{18}\})$	98496
12	$\mathcal{O}(1; \{12^2, 6^2, 3^9, 2^{14}\})$	786240

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^2, 3^{12}, 2^{10}\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^2, 3^{15}, 2^6\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^2, 3^{18}, 2^2\})$	402653376
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 2^{23}\})$	6912
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^3, 2^{19}\})$	48384
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^6, 2^{15}\})$	393984
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^9, 2^{11}\})$	3144960
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^{12}, 2^7\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^{15}, 2^3\})$	201325824
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 2^{20}\})$	27648
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^3, 2^{16}\})$	193536
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^6, 2^{12}\})$	1575936
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^9, 2^8\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^{12}, 2^4\})$	100666368
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^{15}\})$	805303296
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 2^{17}\})$	110592
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3^3, 2^{13}\})$	774144
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3^6, 2^9\})$	6303744
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3^9, 2^5\})$	50319360
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3^{12}, 2\})$	402665472
12	$\mathcal{O}(1; \{12^2, 6^2, 4^8, 2^{14}\})$	442368
12	$\mathcal{O}(1; \{12^2, 6^2, 4^8, 3^3, 2^{10}\})$	3096576
12	$\mathcal{O}(1; \{12^2, 6^2, 4^8, 3^6, 2^6\})$	25214976
12	$\mathcal{O}(1; \{12^2, 6^2, 4^8, 3^9, 2^2\})$	201277440
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{10}, 2^{11}\})$	1769472
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{10}, 3^3, 2^7\})$	12386304
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{10}, 3^6, 2^3\})$	100859904
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{12}, 2^8\})$	7077888
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{12}, 3^3, 2^4\})$	49545216
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{12}, 3^6\})$	403439616
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{14}, 2^5\})$	28311552
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{14}, 3^3, 2\})$	198180864
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{16}, 2^2\})$	113246208
12	$\mathcal{O}(1; \{12^2, 6^3, 3, 2^{23}\})$	6336
12	$\mathcal{O}(1; \{12^2, 6^3, 3^4, 2^{19}\})$	48960
12	$\mathcal{O}(1; \{12^2, 6^3, 3^7, 2^{15}\})$	393408
12	$\mathcal{O}(1; \{12^2, 6^3, 3^{10}, 2^{11}\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^3, 3^{13}, 2^7\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^3, 3^{16}, 2^3\})$	201326400
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3, 2^{20}\})$	25344
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^4, 2^{16}\})$	195840
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^7, 2^{12}\})$	1573632
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^{10}, 2^8\})$	12582144

Continued on next page

Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^{13}, 2^4\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^{16}\})$	805305600
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3, 2^{17}\})$	101376
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^4, 2^{13}\})$	783360
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^7, 2^9\})$	6294528
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^{10}, 2^5\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^{13}, 2\})$	402656256
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 3, 2^{14}\})$	405504
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 3^4, 2^{10}\})$	3133440
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 3^7, 2^6\})$	25178112
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 3^{10}, 2^2\})$	201314304
12	$\mathcal{O}(1; \{12^2, 6^3, 4^8, 3, 2^{11}\})$	1622016
12	$\mathcal{O}(1; \{12^2, 6^3, 4^8, 3^4, 2^7\})$	12533760
12	$\mathcal{O}(1; \{12^2, 6^3, 4^8, 3^7, 2^3\})$	100712448
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{10}, 3, 2^8\})$	6488064
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{10}, 3^4, 2^4\})$	50135040
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{10}, 3^7\})$	402849792
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{12}, 3, 2^5\})$	25952256
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{12}, 3^4, 2\})$	200540160
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{14}, 3, 2^2\})$	103809024
12	$\mathcal{O}(1; \{12^2, 6^4, 3^2, 2^{20}\})$	24768
12	$\mathcal{O}(1; \{12^2, 6^4, 3^5, 2^{16}\})$	196416
12	$\mathcal{O}(1; \{12^2, 6^4, 3^8, 2^{12}\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^4, 3^{11}, 2^8\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^4, 3^{14}, 2^4\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^4, 3^{17}\})$	805306176
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^2, 2^{17}\})$	99072
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^5, 2^{13}\})$	785664
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^8, 2^9\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^{11}, 2^5\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^{14}, 2\})$	402653952
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3^2, 2^{14}\})$	396288
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3^5, 2^{10}\})$	3142656
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3^8, 2^6\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3^{11}, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12^2, 6^4, 4^6, 3^2, 2^{11}\})$	1585152
12	$\mathcal{O}(1; \{12^2, 6^4, 4^6, 3^5, 2^7\})$	12570624
12	$\mathcal{O}(1; \{12^2, 6^4, 4^6, 3^8, 2^3\})$	100675584
12	$\mathcal{O}(1; \{12^2, 6^4, 4^8, 3^2, 2^8\})$	6340608
12	$\mathcal{O}(1; \{12^2, 6^4, 4^8, 3^5, 2^4\})$	50282496
12	$\mathcal{O}(1; \{12^2, 6^4, 4^8, 3^8\})$	402702336
12	$\mathcal{O}(1; \{12^2, 6^4, 4^{10}, 3^2, 2^5\})$	25362432
12	$\mathcal{O}(1; \{12^2, 6^4, 4^{10}, 3^5, 2\})$	201129984

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^4, 4^{12}, 3^2, 2^2\})$	101449728
12	$\mathcal{O}(1; \{12^2, 6^5, 2^{21}\})$	12096
12	$\mathcal{O}(1; \{12^2, 6^5, 3^3, 2^{17}\})$	98496
12	$\mathcal{O}(1; \{12^2, 6^5, 3^6, 2^{13}\})$	786240
12	$\mathcal{O}(1; \{12^2, 6^5, 3^9, 2^9\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^5, 3^{12}, 2^5\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^5, 3^{15}, 2\})$	402653376
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 2^{18}\})$	48384
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^3, 2^{14}\})$	393984
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^6, 2^{10}\})$	3144960
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^9, 2^6\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^{12}, 2^2\})$	201325824
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 2^{15}\})$	193536
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 3^3, 2^{11}\})$	1575936
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 3^6, 2^7\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 3^9, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12^2, 6^5, 4^6, 2^{12}\})$	774144
12	$\mathcal{O}(1; \{12^2, 6^5, 4^6, 3^3, 2^8\})$	6303744
12	$\mathcal{O}(1; \{12^2, 6^5, 4^6, 3^6, 2^4\})$	50319360
12	$\mathcal{O}(1; \{12^2, 6^5, 4^6, 3^9\})$	402665472
12	$\mathcal{O}(1; \{12^2, 6^5, 4^8, 2^9\})$	3096576
12	$\mathcal{O}(1; \{12^2, 6^5, 4^8, 3^3, 2^5\})$	25214976
12	$\mathcal{O}(1; \{12^2, 6^5, 4^8, 3^6, 2\})$	201277440
12	$\mathcal{O}(1; \{12^2, 6^5, 4^{10}, 2^6\})$	12386304
12	$\mathcal{O}(1; \{12^2, 6^5, 4^{10}, 3^3, 2^2\})$	100859904
12	$\mathcal{O}(1; \{12^2, 6^5, 4^{12}, 2^3\})$	49545216
12	$\mathcal{O}(1; \{12^2, 6^5, 4^{14}\})$	198180864
12	$\mathcal{O}(1; \{12^2, 6^6, 3, 2^{18}\})$	48960
12	$\mathcal{O}(1; \{12^2, 6^6, 3^4, 2^{14}\})$	393408
12	$\mathcal{O}(1; \{12^2, 6^6, 3^7, 2^{10}\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^6, 3^{10}, 2^6\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^6, 3^{13}, 2^2\})$	201326400
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3, 2^{15}\})$	195840
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3^4, 2^{11}\})$	1573632
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3^7, 2^7\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3^{10}, 2^3\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6^6, 4^4, 3, 2^{12}\})$	783360
12	$\mathcal{O}(1; \{12^2, 6^6, 4^4, 3^4, 2^8\})$	6294528
12	$\mathcal{O}(1; \{12^2, 6^6, 4^4, 3^7, 2^4\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^6, 4^4, 3^{10}\})$	402656256
12	$\mathcal{O}(1; \{12^2, 6^6, 4^6, 3, 2^9\})$	3133440
12	$\mathcal{O}(1; \{12^2, 6^6, 4^6, 3^4, 2^5\})$	25178112
12	$\mathcal{O}(1; \{12^2, 6^6, 4^6, 3^7, 2\})$	201314304

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^6, 4^8, 3, 2^6\})$	12533760
12	$\mathcal{O}(1; \{12^2, 6^6, 4^8, 3^4, 2^2\})$	100712448
12	$\mathcal{O}(1; \{12^2, 6^6, 4^{10}, 3, 2^3\})$	50135040
12	$\mathcal{O}(1; \{12^2, 6^6, 4^{12}, 3\})$	200540160
12	$\mathcal{O}(1; \{12^2, 6^7, 3^2, 2^{15}\})$	196416
12	$\mathcal{O}(1; \{12^2, 6^7, 3^5, 2^{11}\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^7, 3^8, 2^7\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^7, 3^{11}, 2^3\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 3^2, 2^{12}\})$	785664
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 3^5, 2^8\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 3^8, 2^4\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 3^{11}\})$	402653952
12	$\mathcal{O}(1; \{12^2, 6^7, 4^4, 3^2, 2^9\})$	3142656
12	$\mathcal{O}(1; \{12^2, 6^7, 4^4, 3^5, 2^5\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6^7, 4^4, 3^8, 2\})$	201323520
12	$\mathcal{O}(1; \{12^2, 6^7, 4^6, 3^2, 2^6\})$	12570624
12	$\mathcal{O}(1; \{12^2, 6^7, 4^6, 3^5, 2^2\})$	100675584
12	$\mathcal{O}(1; \{12^2, 6^7, 4^8, 3^2, 2^3\})$	50282496
12	$\mathcal{O}(1; \{12^2, 6^7, 4^{10}, 3^2\})$	201129984
12	$\mathcal{O}(1; \{12^2, 6^8, 2^{16}\})$	98496
12	$\mathcal{O}(1; \{12^2, 6^8, 3^3, 2^{12}\})$	786240
12	$\mathcal{O}(1; \{12^2, 6^8, 3^6, 2^8\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^8, 3^9, 2^4\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^8, 3^{12}\})$	402653376
12	$\mathcal{O}(1; \{12^2, 6^8, 4^2, 2^{13}\})$	393984
12	$\mathcal{O}(1; \{12^2, 6^8, 4^2, 3^3, 2^9\})$	3144960
12	$\mathcal{O}(1; \{12^2, 6^8, 4^2, 3^6, 2^5\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^8, 4^2, 3^9, 2\})$	201325824
12	$\mathcal{O}(1; \{12^2, 6^8, 4^4, 2^{10}\})$	1575936
12	$\mathcal{O}(1; \{12^2, 6^8, 4^4, 3^3, 2^6\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6^8, 4^4, 3^6, 2^2\})$	100666368
12	$\mathcal{O}(1; \{12^2, 6^8, 4^6, 2^7\})$	6303744
12	$\mathcal{O}(1; \{12^2, 6^8, 4^6, 3^3, 2^3\})$	50319360
12	$\mathcal{O}(1; \{12^2, 6^8, 4^8, 2^4\})$	25214976
12	$\mathcal{O}(1; \{12^2, 6^8, 4^8, 3^3\})$	201277440
12	$\mathcal{O}(1; \{12^2, 6^8, 4^{10}, 2\})$	100859904
12	$\mathcal{O}(1; \{12^2, 6^9, 3, 2^{13}\})$	393408
12	$\mathcal{O}(1; \{12^2, 6^9, 3^4, 2^9\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^9, 3^7, 2^5\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^9, 3^{10}, 2\})$	201326400
12	$\mathcal{O}(1; \{12^2, 6^9, 4^2, 3, 2^{10}\})$	1573632
12	$\mathcal{O}(1; \{12^2, 6^9, 4^2, 3^4, 2^6\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^9, 4^2, 3^7, 2^2\})$	100664064

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^9, 4^4, 3, 2^7\})$	6294528
12	$\mathcal{O}(1; \{12^2, 6^9, 4^4, 3^4, 2^3\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^9, 4^6, 3, 2^4\})$	25178112
12	$\mathcal{O}(1; \{12^2, 6^9, 4^6, 3^4\})$	201314304
12	$\mathcal{O}(1; \{12^2, 6^9, 4^8, 3, 2\})$	100712448
12	$\mathcal{O}(1; \{12^2, 6^{10}, 3^2, 2^{10}\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^{10}, 3^5, 2^6\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^{10}, 3^8, 2^2\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^2, 3^2, 2^7\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^2, 3^5, 2^3\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^4, 3^2, 2^4\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^4, 3^5\})$	201323520
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^6, 3^2, 2\})$	100675584
12	$\mathcal{O}(1; \{12^2, 6^{11}, 2^{11}\})$	786240
12	$\mathcal{O}(1; \{12^2, 6^{11}, 3^3, 2^7\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^{11}, 3^6, 2^3\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^2, 2^8\})$	3144960
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^2, 3^3, 2^4\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^2, 3^6\})$	201325824
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^4, 2^5\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^4, 3^3, 2\})$	100666368
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^6, 2^2\})$	50319360
12	$\mathcal{O}(1; \{12^2, 6^{12}, 3, 2^8\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^{12}, 3^4, 2^4\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^{12}, 3^7\})$	201326400
12	$\mathcal{O}(1; \{12^2, 6^{12}, 4^2, 3, 2^5\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^{12}, 4^2, 3^4, 2\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6^{12}, 4^4, 3, 2^2\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^{13}, 3^2, 2^5\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^{13}, 3^5, 2\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^{13}, 4^2, 3^2, 2^2\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^{14}, 2^6\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^{14}, 3^3, 2^2\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^{14}, 4^2, 2^3\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^{14}, 4^4\})$	100666368
12	$\mathcal{O}(1; \{12^2, 6^{15}, 3, 2^3\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^{15}, 4^2, 3\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6^{16}, 3^2\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^{17}, 2\})$	50331456
12	$\mathcal{O}(1; \{12^3, 4, 2^{26}\})$	2304
12	$\mathcal{O}(1; \{12^3, 4, 3^3, 2^{22}\})$	25344
12	$\mathcal{O}(1; \{12^3, 4, 3^6, 2^{18}\})$	195840
12	$\mathcal{O}(1; \{12^3, 4, 3^9, 2^{14}\})$	1573632

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 4, 3^{12}, 2^{10}\})$	12582144
12	$\mathcal{O}(1; \{12^3, 4, 3^{15}, 2^6\})$	100664064
12	$\mathcal{O}(1; \{12^3, 4, 3^{18}, 2^2\})$	805305600
12	$\mathcal{O}(1; \{12^3, 4^3, 2^{23}\})$	9216
12	$\mathcal{O}(1; \{12^3, 4^3, 3^3, 2^{19}\})$	101376
12	$\mathcal{O}(1; \{12^3, 4^3, 3^6, 2^{15}\})$	783360
12	$\mathcal{O}(1; \{12^3, 4^3, 3^9, 2^{11}\})$	6294528
12	$\mathcal{O}(1; \{12^3, 4^3, 3^{12}, 2^7\})$	50328576
12	$\mathcal{O}(1; \{12^3, 4^3, 3^{15}, 2^3\})$	402656256
12	$\mathcal{O}(1; \{12^3, 4^5, 2^{20}\})$	36864
12	$\mathcal{O}(1; \{12^3, 4^5, 3^3, 2^{16}\})$	405504
12	$\mathcal{O}(1; \{12^3, 4^5, 3^6, 2^{12}\})$	3133440
12	$\mathcal{O}(1; \{12^3, 4^5, 3^9, 2^8\})$	25178112
12	$\mathcal{O}(1; \{12^3, 4^5, 3^{12}, 2^4\})$	201314304
12	$\mathcal{O}(1; \{12^3, 4^5, 3^{15}\})$	1610625024
12	$\mathcal{O}(1; \{12^3, 4^7, 2^{17}\})$	147456
12	$\mathcal{O}(1; \{12^3, 4^7, 3^3, 2^{13}\})$	1622016
12	$\mathcal{O}(1; \{12^3, 4^7, 3^6, 2^9\})$	12533760
12	$\mathcal{O}(1; \{12^3, 4^7, 3^9, 2^5\})$	100712448
12	$\mathcal{O}(1; \{12^3, 4^7, 3^{12}, 2\})$	805257216
12	$\mathcal{O}(1; \{12^3, 4^9, 2^{14}\})$	589824
12	$\mathcal{O}(1; \{12^3, 4^9, 3^3, 2^{10}\})$	6488064
12	$\mathcal{O}(1; \{12^3, 4^9, 3^6, 2^6\})$	50135040
12	$\mathcal{O}(1; \{12^3, 4^9, 3^9, 2^2\})$	402849792
12	$\mathcal{O}(1; \{12^3, 4^{11}, 2^{11}\})$	2359296
12	$\mathcal{O}(1; \{12^3, 4^{11}, 3^3, 2^7\})$	25952256
12	$\mathcal{O}(1; \{12^3, 4^{11}, 3^6, 2^3\})$	200540160
12	$\mathcal{O}(1; \{12^3, 4^{13}, 2^8\})$	9437184
12	$\mathcal{O}(1; \{12^3, 4^{13}, 3^3, 2^4\})$	103809024
12	$\mathcal{O}(1; \{12^3, 4^{13}, 3^6\})$	802160640
12	$\mathcal{O}(1; \{12^3, 4^{15}, 2^5\})$	37748736
12	$\mathcal{O}(1; \{12^3, 4^{15}, 3^3, 2\})$	415236096
12	$\mathcal{O}(1; \{12^3, 4^{17}, 2^2\})$	150994944
12	$\mathcal{O}(1; \{12^3, 6, 4, 3, 2^{23}\})$	11520
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^4, 2^{19}\})$	99072
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^7, 2^{15}\})$	785664
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^{10}, 2^{11}\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^{13}, 2^7\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^{16}, 2^3\})$	402653952
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3, 2^{20}\})$	46080
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^4, 2^{16}\})$	396288
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^7, 2^{12}\})$	3142656
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^{10}, 2^8\})$	25168896

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^{13}, 2^4\})$	201323520
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^{16}\})$	1610615808
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3, 2^{17}\})$	184320
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^4, 2^{13}\})$	1585152
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^7, 2^9\})$	12570624
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^{10}, 2^5\})$	100675584
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^{13}, 2\})$	805294080
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 3, 2^{14}\})$	737280
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 3^4, 2^{10}\})$	6340608
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 3^7, 2^6\})$	50282496
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 3^{10}, 2^2\})$	402702336
12	$\mathcal{O}(1; \{12^3, 6, 4^9, 3, 2^{11}\})$	2949120
12	$\mathcal{O}(1; \{12^3, 6, 4^9, 3^4, 2^7\})$	25362432
12	$\mathcal{O}(1; \{12^3, 6, 4^9, 3^7, 2^3\})$	201129984
12	$\mathcal{O}(1; \{12^3, 6, 4^{11}, 3, 2^8\})$	11796480
12	$\mathcal{O}(1; \{12^3, 6, 4^{11}, 3^4, 2^4\})$	101449728
12	$\mathcal{O}(1; \{12^3, 6, 4^{11}, 3^7\})$	804519936
12	$\mathcal{O}(1; \{12^3, 6, 4^{13}, 3, 2^5\})$	47185920
12	$\mathcal{O}(1; \{12^3, 6, 4^{13}, 3^4, 2\})$	405798912
12	$\mathcal{O}(1; \{12^3, 6, 4^{15}, 3, 2^2\})$	188743680
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^2, 2^{20}\})$	48384
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^5, 2^{16}\})$	393984
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^8, 2^{12}\})$	3144960
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^{11}, 2^8\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^{14}, 2^4\})$	201325824
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^{17}\})$	1610613504
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^2, 2^{17}\})$	193536
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^5, 2^{13}\})$	1575936
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^8, 2^9\})$	12579840
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^{11}, 2^5\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^{14}, 2\})$	805303296
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3^2, 2^{14}\})$	774144
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3^5, 2^{10}\})$	6303744
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3^8, 2^6\})$	50319360
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3^{11}, 2^2\})$	402665472
12	$\mathcal{O}(1; \{12^3, 6^2, 4^7, 3^2, 2^{11}\})$	3096576
12	$\mathcal{O}(1; \{12^3, 6^2, 4^7, 3^5, 2^7\})$	25214976
12	$\mathcal{O}(1; \{12^3, 6^2, 4^7, 3^8, 2^3\})$	201277440
12	$\mathcal{O}(1; \{12^3, 6^2, 4^9, 3^2, 2^8\})$	12386304
12	$\mathcal{O}(1; \{12^3, 6^2, 4^9, 3^5, 2^4\})$	100859904
12	$\mathcal{O}(1; \{12^3, 6^2, 4^9, 3^8\})$	805109760
12	$\mathcal{O}(1; \{12^3, 6^2, 4^{11}, 3^2, 2^5\})$	49545216
12	$\mathcal{O}(1; \{12^3, 6^2, 4^{11}, 3^5, 2\})$	403439616

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 6^2, 4^{13}, 3^2, 2^2\})$	198180864
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 2^{21}\})$	25344
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^3, 2^{17}\})$	195840
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^6, 2^{13}\})$	1573632
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^9, 2^9\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^{12}, 2^5\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^{15}, 2\})$	805305600
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 2^{18}\})$	101376
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^3, 2^{14}\})$	783360
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^6, 2^{10}\})$	6294528
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^9, 2^6\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^{12}, 2^2\})$	402656256
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 2^{15}\})$	405504
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 3^3, 2^{11}\})$	3133440
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 3^6, 2^7\})$	25178112
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 3^9, 2^3\})$	201314304
12	$\mathcal{O}(1; \{12^3, 6^3, 4^7, 2^{12}\})$	1622016
12	$\mathcal{O}(1; \{12^3, 6^3, 4^7, 3^3, 2^8\})$	12533760
12	$\mathcal{O}(1; \{12^3, 6^3, 4^7, 3^6, 2^4\})$	100712448
12	$\mathcal{O}(1; \{12^3, 6^3, 4^7, 3^9\})$	805257216
12	$\mathcal{O}(1; \{12^3, 6^3, 4^9, 2^9\})$	6488064
12	$\mathcal{O}(1; \{12^3, 6^3, 4^9, 3^3, 2^5\})$	50135040
12	$\mathcal{O}(1; \{12^3, 6^3, 4^9, 3^6, 2\})$	402849792
12	$\mathcal{O}(1; \{12^3, 6^3, 4^{11}, 2^6\})$	25952256
12	$\mathcal{O}(1; \{12^3, 6^3, 4^{11}, 3^3, 2^2\})$	200540160
12	$\mathcal{O}(1; \{12^3, 6^3, 4^{13}, 2^3\})$	103809024
12	$\mathcal{O}(1; \{12^3, 6^3, 4^{15}\})$	415236096
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3, 2^{18}\})$	99072
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^4, 2^{14}\})$	785664
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^7, 2^{10}\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^{10}, 2^6\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^{13}, 2^2\})$	402653952
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3, 2^{15}\})$	396288
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3^4, 2^{11}\})$	3142656
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3^7, 2^7\})$	25168896
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3^{10}, 2^3\})$	201323520
12	$\mathcal{O}(1; \{12^3, 6^4, 4^5, 3, 2^{12}\})$	1585152
12	$\mathcal{O}(1; \{12^3, 6^4, 4^5, 3^4, 2^8\})$	12570624
12	$\mathcal{O}(1; \{12^3, 6^4, 4^5, 3^7, 2^4\})$	100675584
12	$\mathcal{O}(1; \{12^3, 6^4, 4^5, 3^{10}\})$	805294080
12	$\mathcal{O}(1; \{12^3, 6^4, 4^7, 3, 2^9\})$	6340608
12	$\mathcal{O}(1; \{12^3, 6^4, 4^7, 3^4, 2^5\})$	50282496
12	$\mathcal{O}(1; \{12^3, 6^4, 4^7, 3^7, 2\})$	402702336

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 6^4, 4^9, 3, 2^6\})$	25362432
12	$\mathcal{O}(1; \{12^3, 6^4, 4^9, 3^4, 2^2\})$	201129984
12	$\mathcal{O}(1; \{12^3, 6^4, 4^{11}, 3, 2^3\})$	101449728
12	$\mathcal{O}(1; \{12^3, 6^4, 4^{13}, 3\})$	405798912
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^2, 2^{15}\})$	393984
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^5, 2^{11}\})$	3144960
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^8, 2^7\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^{11}, 2^3\})$	201325824
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 3^2, 2^{12}\})$	1575936
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 3^5, 2^8\})$	12579840
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 3^8, 2^4\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 3^{11}\})$	805303296
12	$\mathcal{O}(1; \{12^3, 6^5, 4^5, 3^2, 2^9\})$	6303744
12	$\mathcal{O}(1; \{12^3, 6^5, 4^5, 3^5, 2^5\})$	50319360
12	$\mathcal{O}(1; \{12^3, 6^5, 4^5, 3^8, 2\})$	402665472
12	$\mathcal{O}(1; \{12^3, 6^5, 4^7, 3^2, 2^6\})$	25214976
12	$\mathcal{O}(1; \{12^3, 6^5, 4^7, 3^5, 2^2\})$	201277440
12	$\mathcal{O}(1; \{12^3, 6^5, 4^9, 3^2, 2^3\})$	100859904
12	$\mathcal{O}(1; \{12^3, 6^5, 4^{11}, 3^2\})$	403439616
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 2^{16}\})$	195840
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3^3, 2^{12}\})$	1573632
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3^6, 2^8\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3^9, 2^4\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3^{12}\})$	805305600
12	$\mathcal{O}(1; \{12^3, 6^6, 4^3, 2^{13}\})$	783360
12	$\mathcal{O}(1; \{12^3, 6^6, 4^3, 3^3, 2^9\})$	6294528
12	$\mathcal{O}(1; \{12^3, 6^6, 4^3, 3^6, 2^5\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6^6, 4^3, 3^9, 2\})$	402656256
12	$\mathcal{O}(1; \{12^3, 6^6, 4^5, 2^{10}\})$	3133440
12	$\mathcal{O}(1; \{12^3, 6^6, 4^5, 3^3, 2^6\})$	25178112
12	$\mathcal{O}(1; \{12^3, 6^6, 4^5, 3^6, 2^2\})$	201314304
12	$\mathcal{O}(1; \{12^3, 6^6, 4^7, 2^7\})$	12533760
12	$\mathcal{O}(1; \{12^3, 6^6, 4^7, 3^3, 2^3\})$	100712448
12	$\mathcal{O}(1; \{12^3, 6^6, 4^9, 2^4\})$	50135040
12	$\mathcal{O}(1; \{12^3, 6^6, 4^9, 3^3\})$	402849792
12	$\mathcal{O}(1; \{12^3, 6^6, 4^{11}, 2\})$	200540160
12	$\mathcal{O}(1; \{12^3, 6^7, 4, 3, 2^{13}\})$	785664
12	$\mathcal{O}(1; \{12^3, 6^7, 4, 3^4, 2^9\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6^7, 4, 3^7, 2^5\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^7, 4, 3^{10}, 2\})$	402653952
12	$\mathcal{O}(1; \{12^3, 6^7, 4^3, 3, 2^{10}\})$	3142656
12	$\mathcal{O}(1; \{12^3, 6^7, 4^3, 3^4, 2^6\})$	25168896
12	$\mathcal{O}(1; \{12^3, 6^7, 4^3, 3^7, 2^2\})$	201323520

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 6^7, 4^5, 3, 2^7\})$	12570624
12	$\mathcal{O}(1; \{12^3, 6^7, 4^5, 3^4, 2^3\})$	100675584
12	$\mathcal{O}(1; \{12^3, 6^7, 4^7, 3, 2^4\})$	50282496
12	$\mathcal{O}(1; \{12^3, 6^7, 4^7, 3^4\})$	402702336
12	$\mathcal{O}(1; \{12^3, 6^7, 4^9, 3, 2\})$	201129984
12	$\mathcal{O}(1; \{12^3, 6^8, 4, 3^2, 2^{10}\})$	3144960
12	$\mathcal{O}(1; \{12^3, 6^8, 4, 3^5, 2^6\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^8, 4, 3^8, 2^2\})$	201325824
12	$\mathcal{O}(1; \{12^3, 6^8, 4^3, 3^2, 2^7\})$	12579840
12	$\mathcal{O}(1; \{12^3, 6^8, 4^3, 3^5, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^8, 4^5, 3^2, 2^4\})$	50319360
12	$\mathcal{O}(1; \{12^3, 6^8, 4^5, 3^5\})$	402665472
12	$\mathcal{O}(1; \{12^3, 6^8, 4^7, 3^2, 2\})$	201277440
12	$\mathcal{O}(1; \{12^3, 6^9, 4, 2^{11}\})$	1573632
12	$\mathcal{O}(1; \{12^3, 6^9, 4, 3^3, 2^7\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6^9, 4, 3^6, 2^3\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^9, 4^3, 2^8\})$	6294528
12	$\mathcal{O}(1; \{12^3, 6^9, 4^3, 3^3, 2^4\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6^9, 4^3, 3^6\})$	402656256
12	$\mathcal{O}(1; \{12^3, 6^9, 4^5, 2^5\})$	25178112
12	$\mathcal{O}(1; \{12^3, 6^9, 4^5, 3^3, 2\})$	201314304
12	$\mathcal{O}(1; \{12^3, 6^9, 4^7, 2^2\})$	100712448
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4, 3, 2^8\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4, 3^4, 2^4\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4, 3^7\})$	402653952
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4^3, 3, 2^5\})$	25168896
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4^3, 3^4, 2\})$	201323520
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4^5, 3, 2^2\})$	100675584
12	$\mathcal{O}(1; \{12^3, 6^{11}, 4, 3^2, 2^5\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^{11}, 4, 3^5, 2\})$	201325824
12	$\mathcal{O}(1; \{12^3, 6^{11}, 4^3, 3^2, 2^2\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^{12}, 4, 2^6\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6^{12}, 4, 3^3, 2^2\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^{12}, 4^3, 2^3\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6^{12}, 4^5\})$	201314304
12	$\mathcal{O}(1; \{12^3, 6^{13}, 4, 3, 2^3\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^{13}, 4^3, 3\})$	201323520
12	$\mathcal{O}(1; \{12^3, 6^{14}, 4, 3^2\})$	201325824
12	$\mathcal{O}(1; \{12^3, 6^{15}, 4, 2\})$	100664064
12	$\mathcal{O}(1; \{12^4, 3^2, 2^{23}\})$	25344
12	$\mathcal{O}(1; \{12^4, 3^5, 2^{19}\})$	195840
12	$\mathcal{O}(1; \{12^4, 3^8, 2^{15}\})$	1573632
12	$\mathcal{O}(1; \{12^4, 3^{11}, 2^{11}\})$	12582144

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 3^{14}, 2^7\})$	100664064
12	$\mathcal{O}(1; \{12^4, 3^{17}, 2^3\})$	805305600
12	$\mathcal{O}(1; \{12^4, 4^2, 3^2, 2^{20}\})$	101376
12	$\mathcal{O}(1; \{12^4, 4^2, 3^5, 2^{16}\})$	783360
12	$\mathcal{O}(1; \{12^4, 4^2, 3^8, 2^{12}\})$	6294528
12	$\mathcal{O}(1; \{12^4, 4^2, 3^{11}, 2^8\})$	50328576
12	$\mathcal{O}(1; \{12^4, 4^2, 3^{14}, 2^4\})$	402656256
12	$\mathcal{O}(1; \{12^4, 4^2, 3^{17}\})$	3221222400
12	$\mathcal{O}(1; \{12^4, 4^4, 3^2, 2^{17}\})$	405504
12	$\mathcal{O}(1; \{12^4, 4^4, 3^5, 2^{13}\})$	3133440
12	$\mathcal{O}(1; \{12^4, 4^4, 3^8, 2^9\})$	25178112
12	$\mathcal{O}(1; \{12^4, 4^4, 3^{11}, 2^5\})$	201314304
12	$\mathcal{O}(1; \{12^4, 4^4, 3^{14}, 2\})$	1610625024
12	$\mathcal{O}(1; \{12^4, 4^6, 3^2, 2^{14}\})$	1622016
12	$\mathcal{O}(1; \{12^4, 4^6, 3^5, 2^{10}\})$	12533760
12	$\mathcal{O}(1; \{12^4, 4^6, 3^8, 2^6\})$	100712448
12	$\mathcal{O}(1; \{12^4, 4^6, 3^{11}, 2^2\})$	805257216
12	$\mathcal{O}(1; \{12^4, 4^8, 3^2, 2^{11}\})$	6488064
12	$\mathcal{O}(1; \{12^4, 4^8, 3^5, 2^7\})$	50135040
12	$\mathcal{O}(1; \{12^4, 4^8, 3^8, 2^3\})$	402849792
12	$\mathcal{O}(1; \{12^4, 4^{10}, 3^2, 2^8\})$	25952256
12	$\mathcal{O}(1; \{12^4, 4^{10}, 3^5, 2^4\})$	200540160
12	$\mathcal{O}(1; \{12^4, 4^{10}, 3^8\})$	1611399168
12	$\mathcal{O}(1; \{12^4, 4^{12}, 3^2, 2^5\})$	103809024
12	$\mathcal{O}(1; \{12^4, 4^{12}, 3^5, 2\})$	802160640
12	$\mathcal{O}(1; \{12^4, 4^{14}, 3^2, 2^2\})$	415236096
12	$\mathcal{O}(1; \{12^4, 6, 2^{24}\})$	11520
12	$\mathcal{O}(1; \{12^4, 6, 3^3, 2^{20}\})$	99072
12	$\mathcal{O}(1; \{12^4, 6, 3^6, 2^{16}\})$	785664
12	$\mathcal{O}(1; \{12^4, 6, 3^9, 2^{12}\})$	6292224
12	$\mathcal{O}(1; \{12^4, 6, 3^{12}, 2^8\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6, 3^{15}, 2^4\})$	402653952
12	$\mathcal{O}(1; \{12^4, 6, 3^{18}\})$	3221224704
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 2^{21}\})$	46080
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^3, 2^{17}\})$	396288
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^6, 2^{13}\})$	3142656
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^9, 2^9\})$	25168896
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^{12}, 2^5\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^{15}, 2\})$	1610615808
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 2^{18}\})$	184320
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^3, 2^{14}\})$	1585152
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^6, 2^{10}\})$	12570624
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^9, 2^6\})$	100675584

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^{12}, 2^2\})$	805294080
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 2^{15}\})$	737280
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 3^3, 2^{11}\})$	6340608
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 3^6, 2^7\})$	50282496
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 3^9, 2^3\})$	402702336
12	$\mathcal{O}(1; \{12^4, 6, 4^8, 2^{12}\})$	2949120
12	$\mathcal{O}(1; \{12^4, 6, 4^8, 3^3, 2^8\})$	25362432
12	$\mathcal{O}(1; \{12^4, 6, 4^8, 3^6, 2^4\})$	201129984
12	$\mathcal{O}(1; \{12^4, 6, 4^8, 3^9\})$	1610809344
12	$\mathcal{O}(1; \{12^4, 6, 4^{10}, 2^9\})$	11796480
12	$\mathcal{O}(1; \{12^4, 6, 4^{10}, 3^3, 2^5\})$	101449728
12	$\mathcal{O}(1; \{12^4, 6, 4^{10}, 3^6, 2\})$	804519936
12	$\mathcal{O}(1; \{12^4, 6, 4^{12}, 2^6\})$	47185920
12	$\mathcal{O}(1; \{12^4, 6, 4^{12}, 3^3, 2^2\})$	405798912
12	$\mathcal{O}(1; \{12^4, 6, 4^{14}, 2^3\})$	188743680
12	$\mathcal{O}(1; \{12^4, 6, 4^{16}\})$	754974720
12	$\mathcal{O}(1; \{12^4, 6^2, 3, 2^{21}\})$	48384
12	$\mathcal{O}(1; \{12^4, 6^2, 3^4, 2^{17}\})$	393984
12	$\mathcal{O}(1; \{12^4, 6^2, 3^7, 2^{13}\})$	3144960
12	$\mathcal{O}(1; \{12^4, 6^2, 3^{10}, 2^9\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^2, 3^{13}, 2^5\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6^2, 3^{16}, 2\})$	1610613504
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3, 2^{18}\})$	193536
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^4, 2^{14}\})$	1575936
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^7, 2^{10}\})$	12579840
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^{10}, 2^6\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^{13}, 2^2\})$	805303296
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3, 2^{15}\})$	774144
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3^4, 2^{11}\})$	6303744
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3^7, 2^7\})$	50319360
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3^{10}, 2^3\})$	402665472
12	$\mathcal{O}(1; \{12^4, 6^2, 4^6, 3, 2^{12}\})$	3096576
12	$\mathcal{O}(1; \{12^4, 6^2, 4^6, 3^4, 2^8\})$	25214976
12	$\mathcal{O}(1; \{12^4, 6^2, 4^6, 3^7, 2^4\})$	201277440
12	$\mathcal{O}(1; \{12^4, 6^2, 4^6, 3^{10}\})$	1610661888
12	$\mathcal{O}(1; \{12^4, 6^2, 4^8, 3, 2^9\})$	12386304
12	$\mathcal{O}(1; \{12^4, 6^2, 4^8, 3^4, 2^5\})$	100859904
12	$\mathcal{O}(1; \{12^4, 6^2, 4^8, 3^7, 2\})$	805109760
12	$\mathcal{O}(1; \{12^4, 6^2, 4^{10}, 3, 2^6\})$	49545216
12	$\mathcal{O}(1; \{12^4, 6^2, 4^{10}, 3^4, 2^2\})$	403439616
12	$\mathcal{O}(1; \{12^4, 6^2, 4^{12}, 3, 2^3\})$	198180864
12	$\mathcal{O}(1; \{12^4, 6^2, 4^{14}, 3\})$	792723456
12	$\mathcal{O}(1; \{12^4, 6^3, 3^2, 2^{18}\})$	195840

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 6^3, 3^5, 2^{14}\})$	1573632
12	$\mathcal{O}(1; \{12^4, 6^3, 3^8, 2^{10}\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6^3, 3^{11}, 2^6\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^3, 3^{14}, 2^2\})$	805305600
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^2, 2^{15}\})$	783360
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^5, 2^{11}\})$	6294528
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^8, 2^7\})$	50328576
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^{11}, 2^3\})$	402656256
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 3^2, 2^{12}\})$	3133440
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 3^5, 2^8\})$	25178112
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 3^8, 2^4\})$	201314304
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 3^{11}\})$	1610625024
12	$\mathcal{O}(1; \{12^4, 6^3, 4^6, 3^2, 2^9\})$	12533760
12	$\mathcal{O}(1; \{12^4, 6^3, 4^6, 3^5, 2^5\})$	100712448
12	$\mathcal{O}(1; \{12^4, 6^3, 4^6, 3^8, 2\})$	805257216
12	$\mathcal{O}(1; \{12^4, 6^3, 4^8, 3^2, 2^6\})$	50135040
12	$\mathcal{O}(1; \{12^4, 6^3, 4^8, 3^5, 2^2\})$	402849792
12	$\mathcal{O}(1; \{12^4, 6^3, 4^{10}, 3^2, 2^3\})$	200540160
12	$\mathcal{O}(1; \{12^4, 6^3, 4^{12}, 3^2\})$	802160640
12	$\mathcal{O}(1; \{12^4, 6^4, 2^{19}\})$	99072
12	$\mathcal{O}(1; \{12^4, 6^4, 3^3, 2^{15}\})$	785664
12	$\mathcal{O}(1; \{12^4, 6^4, 3^6, 2^{11}\})$	6292224
12	$\mathcal{O}(1; \{12^4, 6^4, 3^9, 2^7\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^4, 3^{12}, 2^3\})$	402653952
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 2^{16}\})$	396288
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3^3, 2^{12}\})$	3142656
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3^6, 2^8\})$	25168896
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3^9, 2^4\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3^{12}\})$	1610615808
12	$\mathcal{O}(1; \{12^4, 6^4, 4^4, 2^{13}\})$	1585152
12	$\mathcal{O}(1; \{12^4, 6^4, 4^4, 3^3, 2^9\})$	12570624
12	$\mathcal{O}(1; \{12^4, 6^4, 4^4, 3^6, 2^5\})$	100675584
12	$\mathcal{O}(1; \{12^4, 6^4, 4^4, 3^9, 2\})$	805294080
12	$\mathcal{O}(1; \{12^4, 6^4, 4^6, 2^{10}\})$	6340608
12	$\mathcal{O}(1; \{12^4, 6^4, 4^6, 3^3, 2^6\})$	50282496
12	$\mathcal{O}(1; \{12^4, 6^4, 4^6, 3^6, 2^2\})$	402702336
12	$\mathcal{O}(1; \{12^4, 6^4, 4^8, 2^7\})$	25362432
12	$\mathcal{O}(1; \{12^4, 6^4, 4^8, 3^3, 2^3\})$	201129984
12	$\mathcal{O}(1; \{12^4, 6^4, 4^{10}, 2^4\})$	101449728
12	$\mathcal{O}(1; \{12^4, 6^4, 4^{10}, 3^3\})$	804519936
12	$\mathcal{O}(1; \{12^4, 6^4, 4^{12}, 2\})$	405798912
12	$\mathcal{O}(1; \{12^4, 6^5, 3, 2^{16}\})$	393984
12	$\mathcal{O}(1; \{12^4, 6^5, 3^4, 2^{12}\})$	3144960

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 6^5, 3^7, 2^8\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^5, 3^{10}, 2^4\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6^5, 3^{13}\})$	1610613504
12	$\mathcal{O}(1; \{12^4, 6^5, 4^2, 3, 2^{13}\})$	1575936
12	$\mathcal{O}(1; \{12^4, 6^5, 4^2, 3^4, 2^9\})$	12579840
12	$\mathcal{O}(1; \{12^4, 6^5, 4^2, 3^7, 2^5\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^5, 4^2, 3^{10}, 2\})$	805303296
12	$\mathcal{O}(1; \{12^4, 6^5, 4^4, 3, 2^{10}\})$	6303744
12	$\mathcal{O}(1; \{12^4, 6^5, 4^4, 3^4, 2^6\})$	50319360
12	$\mathcal{O}(1; \{12^4, 6^5, 4^4, 3^7, 2^2\})$	402665472
12	$\mathcal{O}(1; \{12^4, 6^5, 4^6, 3, 2^7\})$	25214976
12	$\mathcal{O}(1; \{12^4, 6^5, 4^6, 3^4, 2^3\})$	201277440
12	$\mathcal{O}(1; \{12^4, 6^5, 4^8, 3, 2^4\})$	100859904
12	$\mathcal{O}(1; \{12^4, 6^5, 4^8, 3^4\})$	805109760
12	$\mathcal{O}(1; \{12^4, 6^5, 4^{10}, 3, 2\})$	403439616
12	$\mathcal{O}(1; \{12^4, 6^6, 3^2, 2^{13}\})$	1573632
12	$\mathcal{O}(1; \{12^4, 6^6, 3^5, 2^9\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6^6, 3^8, 2^5\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^6, 3^{11}, 2\})$	805305600
12	$\mathcal{O}(1; \{12^4, 6^6, 4^2, 3^2, 2^{10}\})$	6294528
12	$\mathcal{O}(1; \{12^4, 6^6, 4^2, 3^5, 2^6\})$	50328576
12	$\mathcal{O}(1; \{12^4, 6^6, 4^2, 3^8, 2^2\})$	402656256
12	$\mathcal{O}(1; \{12^4, 6^6, 4^4, 3^2, 2^7\})$	25178112
12	$\mathcal{O}(1; \{12^4, 6^6, 4^4, 3^5, 2^3\})$	201314304
12	$\mathcal{O}(1; \{12^4, 6^6, 4^6, 3^2, 2^4\})$	100712448
12	$\mathcal{O}(1; \{12^4, 6^6, 4^6, 3^5\})$	805257216
12	$\mathcal{O}(1; \{12^4, 6^6, 4^8, 3^2, 2\})$	402849792
12	$\mathcal{O}(1; \{12^4, 6^7, 2^{14}\})$	785664
12	$\mathcal{O}(1; \{12^4, 6^7, 3^3, 2^{10}\})$	6292224
12	$\mathcal{O}(1; \{12^4, 6^7, 3^6, 2^6\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^7, 3^9, 2^2\})$	402653952
12	$\mathcal{O}(1; \{12^4, 6^7, 4^2, 2^{11}\})$	3142656
12	$\mathcal{O}(1; \{12^4, 6^7, 4^2, 3^3, 2^7\})$	25168896
12	$\mathcal{O}(1; \{12^4, 6^7, 4^2, 3^6, 2^3\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6^7, 4^4, 2^8\})$	12570624
12	$\mathcal{O}(1; \{12^4, 6^7, 4^4, 3^3, 2^4\})$	100675584
12	$\mathcal{O}(1; \{12^4, 6^7, 4^4, 3^6\})$	805294080
12	$\mathcal{O}(1; \{12^4, 6^7, 4^6, 2^5\})$	50282496
12	$\mathcal{O}(1; \{12^4, 6^7, 4^6, 3^3, 2\})$	402702336
12	$\mathcal{O}(1; \{12^4, 6^7, 4^8, 2^2\})$	201129984
12	$\mathcal{O}(1; \{12^4, 6^8, 3, 2^{11}\})$	3144960
12	$\mathcal{O}(1; \{12^4, 6^8, 3^4, 2^7\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^8, 3^7, 2^3\})$	201325824

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 6^8, 4^2, 3, 2^8\})$	12579840
12	$\mathcal{O}(1; \{12^4, 6^8, 4^2, 3^4, 2^4\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^8, 4^2, 3^7\})$	805303296
12	$\mathcal{O}(1; \{12^4, 6^8, 4^4, 3, 2^5\})$	50319360
12	$\mathcal{O}(1; \{12^4, 6^8, 4^4, 3^4, 2\})$	402665472
12	$\mathcal{O}(1; \{12^4, 6^8, 4^6, 3, 2^2\})$	201277440
12	$\mathcal{O}(1; \{12^4, 6^9, 3^2, 2^8\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6^9, 3^5, 2^4\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^9, 3^8\})$	805305600
12	$\mathcal{O}(1; \{12^4, 6^9, 4^2, 3^2, 2^5\})$	50328576
12	$\mathcal{O}(1; \{12^4, 6^9, 4^2, 3^5, 2\})$	402656256
12	$\mathcal{O}(1; \{12^4, 6^9, 4^4, 3^2, 2^2\})$	201314304
12	$\mathcal{O}(1; \{12^4, 6^{10}, 2^9\})$	6292224
12	$\mathcal{O}(1; \{12^4, 6^{10}, 3^3, 2^5\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^{10}, 3^6, 2\})$	402653952
12	$\mathcal{O}(1; \{12^4, 6^{10}, 4^2, 2^6\})$	25168896
12	$\mathcal{O}(1; \{12^4, 6^{10}, 4^2, 3^3, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6^{10}, 4^4, 2^3\})$	100675584
12	$\mathcal{O}(1; \{12^4, 6^{10}, 4^6\})$	402702336
12	$\mathcal{O}(1; \{12^4, 6^{11}, 3, 2^6\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^{11}, 3^4, 2^2\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6^{11}, 4^2, 3, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^{11}, 4^4, 3\})$	402665472
12	$\mathcal{O}(1; \{12^4, 6^{12}, 3^2, 2^3\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^{12}, 4^2, 3^2\})$	402656256
12	$\mathcal{O}(1; \{12^4, 6^{13}, 2^4\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^{13}, 3^3\})$	402653952
12	$\mathcal{O}(1; \{12^4, 6^{13}, 4^2, 2\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6^{14}, 3, 2\})$	201325824
12	$\mathcal{O}(1; \{12^5, 4, 3, 2^{21}\})$	101376
12	$\mathcal{O}(1; \{12^5, 4, 3^4, 2^{17}\})$	783360
12	$\mathcal{O}(1; \{12^5, 4, 3^7, 2^{13}\})$	6294528
12	$\mathcal{O}(1; \{12^5, 4, 3^{10}, 2^9\})$	50328576
12	$\mathcal{O}(1; \{12^5, 4, 3^{13}, 2^5\})$	402656256
12	$\mathcal{O}(1; \{12^5, 4, 3^{16}, 2\})$	3221222400
12	$\mathcal{O}(1; \{12^5, 4^3, 3, 2^{18}\})$	405504
12	$\mathcal{O}(1; \{12^5, 4^3, 3^4, 2^{14}\})$	3133440
12	$\mathcal{O}(1; \{12^5, 4^3, 3^7, 2^{10}\})$	25178112
12	$\mathcal{O}(1; \{12^5, 4^3, 3^{10}, 2^6\})$	201314304
12	$\mathcal{O}(1; \{12^5, 4^3, 3^{13}, 2^2\})$	1610625024
12	$\mathcal{O}(1; \{12^5, 4^5, 3, 2^{15}\})$	1622016
12	$\mathcal{O}(1; \{12^5, 4^5, 3^4, 2^{11}\})$	12533760
12	$\mathcal{O}(1; \{12^5, 4^5, 3^7, 2^7\})$	100712448

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^5, 4^5, 3^{10}, 2^3\})$	805257216
12	$\mathcal{O}(1; \{12^5, 4^7, 3, 2^{12}\})$	6488064
12	$\mathcal{O}(1; \{12^5, 4^7, 3^4, 2^8\})$	50135040
12	$\mathcal{O}(1; \{12^5, 4^7, 3^7, 2^4\})$	402849792
12	$\mathcal{O}(1; \{12^5, 4^7, 3^{10}\})$	3221028864
12	$\mathcal{O}(1; \{12^5, 4^9, 3, 2^9\})$	25952256
12	$\mathcal{O}(1; \{12^5, 4^9, 3^4, 2^5\})$	200540160
12	$\mathcal{O}(1; \{12^5, 4^9, 3^7, 2\})$	1611399168
12	$\mathcal{O}(1; \{12^5, 4^{11}, 3, 2^6\})$	103809024
12	$\mathcal{O}(1; \{12^5, 4^{11}, 3^4, 2^2\})$	802160640
12	$\mathcal{O}(1; \{12^5, 4^{13}, 3, 2^3\})$	415236096
12	$\mathcal{O}(1; \{12^5, 4^{15}, 3\})$	1660944384
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^2, 2^{18}\})$	396288
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^5, 2^{14}\})$	3142656
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^8, 2^{10}\})$	25168896
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^{11}, 2^6\})$	201323520
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^{14}, 2^2\})$	1610615808
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^2, 2^{15}\})$	1585152
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^5, 2^{11}\})$	12570624
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^8, 2^7\})$	100675584
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^{11}, 2^3\})$	805294080
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 3^2, 2^{12}\})$	6340608
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 3^5, 2^8\})$	50282496
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 3^8, 2^4\})$	402702336
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 3^{11}\})$	3221176320
12	$\mathcal{O}(1; \{12^5, 6, 4^7, 3^2, 2^9\})$	25362432
12	$\mathcal{O}(1; \{12^5, 6, 4^7, 3^5, 2^5\})$	201129984
12	$\mathcal{O}(1; \{12^5, 6, 4^7, 3^8, 2\})$	1610809344
12	$\mathcal{O}(1; \{12^5, 6, 4^9, 3^2, 2^6\})$	101449728
12	$\mathcal{O}(1; \{12^5, 6, 4^9, 3^5, 2^2\})$	804519936
12	$\mathcal{O}(1; \{12^5, 6, 4^{11}, 3^2, 2^3\})$	405798912
12	$\mathcal{O}(1; \{12^5, 6, 4^{13}, 3^2\})$	1623195648
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 2^{19}\})$	193536
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^3, 2^{15}\})$	1575936
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^6, 2^{11}\})$	12579840
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^9, 2^7\})$	100666368
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^{12}, 2^3\})$	805303296
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 2^{16}\})$	774144
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3^3, 2^{12}\})$	6303744
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3^6, 2^8\})$	50319360
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3^9, 2^4\})$	402665472
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3^{12}\})$	3221213184
12	$\mathcal{O}(1; \{12^5, 6^2, 4^5, 2^{13}\})$	3096576

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^5, 6^2, 4^5, 3^3, 2^9\})$	25214976
12	$\mathcal{O}(1; \{12^5, 6^2, 4^5, 3^6, 2^5\})$	201277440
12	$\mathcal{O}(1; \{12^5, 6^2, 4^5, 3^9, 2\})$	1610661888
12	$\mathcal{O}(1; \{12^5, 6^2, 4^7, 2^{10}\})$	12386304
12	$\mathcal{O}(1; \{12^5, 6^2, 4^7, 3^3, 2^6\})$	100859904
12	$\mathcal{O}(1; \{12^5, 6^2, 4^7, 3^6, 2^2\})$	805109760
12	$\mathcal{O}(1; \{12^5, 6^2, 4^9, 2^7\})$	49545216
12	$\mathcal{O}(1; \{12^5, 6^2, 4^9, 3^3, 2^3\})$	403439616
12	$\mathcal{O}(1; \{12^5, 6^2, 4^{11}, 2^4\})$	198180864
12	$\mathcal{O}(1; \{12^5, 6^2, 4^{11}, 3^3\})$	1613758464
12	$\mathcal{O}(1; \{12^5, 6^2, 4^{13}, 2\})$	792723456
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3, 2^{16}\})$	783360
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^4, 2^{12}\})$	6294528
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^7, 2^8\})$	50328576
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^{10}, 2^4\})$	402656256
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^{13}\})$	3221222400
12	$\mathcal{O}(1; \{12^5, 6^3, 4^3, 3, 2^{13}\})$	3133440
12	$\mathcal{O}(1; \{12^5, 6^3, 4^3, 3^4, 2^9\})$	25178112
12	$\mathcal{O}(1; \{12^5, 6^3, 4^3, 3^7, 2^5\})$	201314304
12	$\mathcal{O}(1; \{12^5, 6^3, 4^3, 3^{10}, 2\})$	1610625024
12	$\mathcal{O}(1; \{12^5, 6^3, 4^5, 3, 2^{10}\})$	12533760
12	$\mathcal{O}(1; \{12^5, 6^3, 4^5, 3^4, 2^6\})$	100712448
12	$\mathcal{O}(1; \{12^5, 6^3, 4^5, 3^7, 2^2\})$	805257216
12	$\mathcal{O}(1; \{12^5, 6^3, 4^7, 3, 2^7\})$	50135040
12	$\mathcal{O}(1; \{12^5, 6^3, 4^7, 3^4, 2^3\})$	402849792
12	$\mathcal{O}(1; \{12^5, 6^3, 4^9, 3, 2^4\})$	200540160
12	$\mathcal{O}(1; \{12^5, 6^3, 4^9, 3^4\})$	1611399168
12	$\mathcal{O}(1; \{12^5, 6^3, 4^{11}, 3, 2\})$	802160640
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 3^2, 2^{13}\})$	3142656
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 3^5, 2^9\})$	25168896
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 3^8, 2^5\})$	201323520
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 3^{11}, 2\})$	1610615808
12	$\mathcal{O}(1; \{12^5, 6^4, 4^3, 3^2, 2^{10}\})$	12570624
12	$\mathcal{O}(1; \{12^5, 6^4, 4^3, 3^5, 2^6\})$	100675584
12	$\mathcal{O}(1; \{12^5, 6^4, 4^3, 3^8, 2^2\})$	805294080
12	$\mathcal{O}(1; \{12^5, 6^4, 4^5, 3^2, 2^7\})$	50282496
12	$\mathcal{O}(1; \{12^5, 6^4, 4^5, 3^5, 2^3\})$	402702336
12	$\mathcal{O}(1; \{12^5, 6^4, 4^7, 3^2, 2^4\})$	201129984
12	$\mathcal{O}(1; \{12^5, 6^4, 4^7, 3^5\})$	1610809344
12	$\mathcal{O}(1; \{12^5, 6^4, 4^9, 3^2, 2\})$	804519936
12	$\mathcal{O}(1; \{12^5, 6^5, 4, 2^{14}\})$	1575936
12	$\mathcal{O}(1; \{12^5, 6^5, 4, 3^3, 2^{10}\})$	12579840
12	$\mathcal{O}(1; \{12^5, 6^5, 4, 3^6, 2^6\})$	100666368

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^5, 6^5, 4, 3^9, 2^2\})$	805303296
12	$\mathcal{O}(1; \{12^5, 6^5, 4^3, 2^{11}\})$	6303744
12	$\mathcal{O}(1; \{12^5, 6^5, 4^3, 3^3, 2^7\})$	50319360
12	$\mathcal{O}(1; \{12^5, 6^5, 4^3, 3^6, 2^3\})$	402665472
12	$\mathcal{O}(1; \{12^5, 6^5, 4^5, 2^8\})$	25214976
12	$\mathcal{O}(1; \{12^5, 6^5, 4^5, 3^3, 2^4\})$	201277440
12	$\mathcal{O}(1; \{12^5, 6^5, 4^5, 3^6\})$	1610661888
12	$\mathcal{O}(1; \{12^5, 6^5, 4^7, 2^5\})$	100859904
12	$\mathcal{O}(1; \{12^5, 6^5, 4^7, 3^3, 2\})$	805109760
12	$\mathcal{O}(1; \{12^5, 6^5, 4^9, 2^2\})$	403439616
12	$\mathcal{O}(1; \{12^5, 6^6, 4, 3, 2^{11}\})$	6294528
12	$\mathcal{O}(1; \{12^5, 6^6, 4, 3^4, 2^7\})$	50328576
12	$\mathcal{O}(1; \{12^5, 6^6, 4, 3^7, 2^3\})$	402656256
12	$\mathcal{O}(1; \{12^5, 6^6, 4^3, 3, 2^8\})$	25178112
12	$\mathcal{O}(1; \{12^5, 6^6, 4^3, 3^4, 2^4\})$	201314304
12	$\mathcal{O}(1; \{12^5, 6^6, 4^3, 3^7\})$	1610625024
12	$\mathcal{O}(1; \{12^5, 6^6, 4^5, 3, 2^5\})$	100712448
12	$\mathcal{O}(1; \{12^5, 6^6, 4^5, 3^4, 2\})$	805257216
12	$\mathcal{O}(1; \{12^5, 6^6, 4^7, 3, 2^2\})$	402849792
12	$\mathcal{O}(1; \{12^5, 6^7, 4, 3^2, 2^8\})$	25168896
12	$\mathcal{O}(1; \{12^5, 6^7, 4, 3^5, 2^4\})$	201323520
12	$\mathcal{O}(1; \{12^5, 6^7, 4, 3^8\})$	1610615808
12	$\mathcal{O}(1; \{12^5, 6^7, 4^3, 3^2, 2^5\})$	100675584
12	$\mathcal{O}(1; \{12^5, 6^7, 4^3, 3^5, 2\})$	805294080
12	$\mathcal{O}(1; \{12^5, 6^7, 4^5, 3^2, 2^2\})$	402702336
12	$\mathcal{O}(1; \{12^5, 6^8, 4, 2^9\})$	12579840
12	$\mathcal{O}(1; \{12^5, 6^8, 4, 3^3, 2^5\})$	100666368
12	$\mathcal{O}(1; \{12^5, 6^8, 4, 3^6, 2\})$	805303296
12	$\mathcal{O}(1; \{12^5, 6^8, 4^3, 2^6\})$	50319360
12	$\mathcal{O}(1; \{12^5, 6^8, 4^3, 3^3, 2^2\})$	402665472
12	$\mathcal{O}(1; \{12^5, 6^8, 4^5, 2^3\})$	201277440
12	$\mathcal{O}(1; \{12^5, 6^8, 4^7\})$	805109760
12	$\mathcal{O}(1; \{12^5, 6^9, 4, 3, 2^6\})$	50328576
12	$\mathcal{O}(1; \{12^5, 6^9, 4, 3^4, 2^2\})$	402656256
12	$\mathcal{O}(1; \{12^5, 6^9, 4^3, 3, 2^3\})$	201314304
12	$\mathcal{O}(1; \{12^5, 6^9, 4^5, 3\})$	805257216
12	$\mathcal{O}(1; \{12^5, 6^{10}, 4, 3^2, 2^3\})$	201323520
12	$\mathcal{O}(1; \{12^5, 6^{10}, 4^3, 3^2\})$	805294080
12	$\mathcal{O}(1; \{12^5, 6^{11}, 4, 2^4\})$	100666368
12	$\mathcal{O}(1; \{12^5, 6^{11}, 4, 3^3\})$	805303296
12	$\mathcal{O}(1; \{12^5, 6^{11}, 4^3, 2\})$	402665472
12	$\mathcal{O}(1; \{12^5, 6^{12}, 4, 3, 2\})$	402656256
12	$\mathcal{O}(1; \{12^6, 2^{22}\})$	101376

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^6, 3^3, 2^{18}\})$	783360
12	$\mathcal{O}(1; \{12^6, 3^6, 2^{14}\})$	6294528
12	$\mathcal{O}(1; \{12^6, 3^9, 2^{10}\})$	50328576
12	$\mathcal{O}(1; \{12^6, 3^{12}, 2^6\})$	402656256
12	$\mathcal{O}(1; \{12^6, 3^{15}, 2^2\})$	3221222400
12	$\mathcal{O}(1; \{12^6, 4^2, 2^{19}\})$	405504
12	$\mathcal{O}(1; \{12^6, 4^2, 3^3, 2^{15}\})$	3133440
12	$\mathcal{O}(1; \{12^6, 4^2, 3^6, 2^{11}\})$	25178112
12	$\mathcal{O}(1; \{12^6, 4^2, 3^9, 2^7\})$	201314304
12	$\mathcal{O}(1; \{12^6, 4^2, 3^{12}, 2^3\})$	1610625024
12	$\mathcal{O}(1; \{12^6, 4^4, 2^{16}\})$	1622016
12	$\mathcal{O}(1; \{12^6, 4^4, 3^3, 2^{12}\})$	12533760
12	$\mathcal{O}(1; \{12^6, 4^4, 3^6, 2^8\})$	100712448
12	$\mathcal{O}(1; \{12^6, 4^4, 3^9, 2^4\})$	805257216
12	$\mathcal{O}(1; \{12^6, 4^4, 3^{12}\})$	6442500096
12	$\mathcal{O}(1; \{12^6, 4^6, 2^{13}\})$	6488064
12	$\mathcal{O}(1; \{12^6, 4^6, 3^3, 2^9\})$	50135040
12	$\mathcal{O}(1; \{12^6, 4^6, 3^6, 2^5\})$	402849792
12	$\mathcal{O}(1; \{12^6, 4^6, 3^9, 2\})$	3221028864
12	$\mathcal{O}(1; \{12^6, 4^8, 2^{10}\})$	25952256
12	$\mathcal{O}(1; \{12^6, 4^8, 3^3, 2^6\})$	200540160
12	$\mathcal{O}(1; \{12^6, 4^8, 3^6, 2^2\})$	1611399168
12	$\mathcal{O}(1; \{12^6, 4^{10}, 2^7\})$	103809024
12	$\mathcal{O}(1; \{12^6, 4^{10}, 3^3, 2^3\})$	802160640
12	$\mathcal{O}(1; \{12^6, 4^{12}, 2^4\})$	415236096
12	$\mathcal{O}(1; \{12^6, 4^{12}, 3^3\})$	3208642560
12	$\mathcal{O}(1; \{12^6, 4^{14}, 2\})$	1660944384
12	$\mathcal{O}(1; \{12^6, 6, 3, 2^{19}\})$	396288
12	$\mathcal{O}(1; \{12^6, 6, 3^4, 2^{15}\})$	3142656
12	$\mathcal{O}(1; \{12^6, 6, 3^7, 2^{11}\})$	25168896
12	$\mathcal{O}(1; \{12^6, 6, 3^{10}, 2^7\})$	201323520
12	$\mathcal{O}(1; \{12^6, 6, 3^{13}, 2^3\})$	1610615808
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3, 2^{16}\})$	1585152
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^4, 2^{12}\})$	12570624
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^7, 2^8\})$	100675584
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^{10}, 2^4\})$	805294080
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^{13}\})$	6442463232
12	$\mathcal{O}(1; \{12^6, 6, 4^4, 3, 2^{13}\})$	6340608
12	$\mathcal{O}(1; \{12^6, 6, 4^4, 3^4, 2^9\})$	50282496
12	$\mathcal{O}(1; \{12^6, 6, 4^4, 3^7, 2^5\})$	402702336
12	$\mathcal{O}(1; \{12^6, 6, 4^4, 3^{10}, 2\})$	3221176320
12	$\mathcal{O}(1; \{12^6, 6, 4^6, 3, 2^{10}\})$	25362432
12	$\mathcal{O}(1; \{12^6, 6, 4^6, 3^4, 2^6\})$	201129984

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^6, 6, 4^6, 3^7, 2^2\})$	1610809344
12	$\mathcal{O}(1; \{12^6, 6, 4^8, 3, 2^7\})$	101449728
12	$\mathcal{O}(1; \{12^6, 6, 4^8, 3^4, 2^3\})$	804519936
12	$\mathcal{O}(1; \{12^6, 6, 4^{10}, 3, 2^4\})$	405798912
12	$\mathcal{O}(1; \{12^6, 6, 4^{10}, 3^4\})$	3218079744
12	$\mathcal{O}(1; \{12^6, 6, 4^{12}, 3, 2\})$	1623195648
12	$\mathcal{O}(1; \{12^6, 6^2, 3^2, 2^{16}\})$	1575936
12	$\mathcal{O}(1; \{12^6, 6^2, 3^5, 2^{12}\})$	12579840
12	$\mathcal{O}(1; \{12^6, 6^2, 3^8, 2^8\})$	100666368
12	$\mathcal{O}(1; \{12^6, 6^2, 3^{11}, 2^4\})$	805303296
12	$\mathcal{O}(1; \{12^6, 6^2, 3^{14}\})$	6442454016
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 3^2, 2^{13}\})$	6303744
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 3^5, 2^9\})$	50319360
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 3^8, 2^5\})$	402665472
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 3^{11}, 2\})$	3221213184
12	$\mathcal{O}(1; \{12^6, 6^2, 4^4, 3^2, 2^{10}\})$	25214976
12	$\mathcal{O}(1; \{12^6, 6^2, 4^4, 3^5, 2^6\})$	201277440
12	$\mathcal{O}(1; \{12^6, 6^2, 4^4, 3^8, 2^2\})$	1610661888
12	$\mathcal{O}(1; \{12^6, 6^2, 4^6, 3^2, 2^7\})$	100859904
12	$\mathcal{O}(1; \{12^6, 6^2, 4^6, 3^5, 2^3\})$	805109760
12	$\mathcal{O}(1; \{12^6, 6^2, 4^8, 3^2, 2^4\})$	403439616
12	$\mathcal{O}(1; \{12^6, 6^2, 4^8, 3^5\})$	3220439040
12	$\mathcal{O}(1; \{12^6, 6^2, 4^{10}, 3^2, 2\})$	1613758464
12	$\mathcal{O}(1; \{12^6, 6^3, 2^{17}\})$	783360
12	$\mathcal{O}(1; \{12^6, 6^3, 3^3, 2^{13}\})$	6294528
12	$\mathcal{O}(1; \{12^6, 6^3, 3^6, 2^9\})$	50328576
12	$\mathcal{O}(1; \{12^6, 6^3, 3^9, 2^5\})$	402656256
12	$\mathcal{O}(1; \{12^6, 6^3, 3^{12}, 2\})$	3221222400
12	$\mathcal{O}(1; \{12^6, 6^3, 4^2, 2^{14}\})$	3133440
12	$\mathcal{O}(1; \{12^6, 6^3, 4^2, 3^3, 2^{10}\})$	25178112
12	$\mathcal{O}(1; \{12^6, 6^3, 4^2, 3^6, 2^6\})$	201314304
12	$\mathcal{O}(1; \{12^6, 6^3, 4^2, 3^9, 2^2\})$	1610625024
12	$\mathcal{O}(1; \{12^6, 6^3, 4^4, 2^{11}\})$	12533760
12	$\mathcal{O}(1; \{12^6, 6^3, 4^4, 3^3, 2^7\})$	100712448
12	$\mathcal{O}(1; \{12^6, 6^3, 4^4, 3^6, 2^3\})$	805257216
12	$\mathcal{O}(1; \{12^6, 6^3, 4^6, 2^8\})$	50135040
12	$\mathcal{O}(1; \{12^6, 6^3, 4^6, 3^3, 2^4\})$	402849792
12	$\mathcal{O}(1; \{12^6, 6^3, 4^6, 3^6\})$	3221028864
12	$\mathcal{O}(1; \{12^6, 6^3, 4^8, 2^5\})$	200540160
12	$\mathcal{O}(1; \{12^6, 6^3, 4^8, 3^3, 2\})$	1611399168
12	$\mathcal{O}(1; \{12^6, 6^3, 4^{10}, 2^2\})$	802160640
12	$\mathcal{O}(1; \{12^6, 6^4, 3, 2^{14}\})$	3142656
12	$\mathcal{O}(1; \{12^6, 6^4, 3^4, 2^{10}\})$	25168896

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^6, 6^4, 3^7, 2^6\})$	201323520
12	$\mathcal{O}(1; \{12^6, 6^4, 3^{10}, 2^2\})$	1610615808
12	$\mathcal{O}(1; \{12^6, 6^4, 4^2, 3, 2^{11}\})$	12570624
12	$\mathcal{O}(1; \{12^6, 6^4, 4^2, 3^4, 2^7\})$	100675584
12	$\mathcal{O}(1; \{12^6, 6^4, 4^2, 3^7, 2^3\})$	805294080
12	$\mathcal{O}(1; \{12^6, 6^4, 4^4, 3, 2^8\})$	50282496
12	$\mathcal{O}(1; \{12^6, 6^4, 4^4, 3^4, 2^4\})$	402702336
12	$\mathcal{O}(1; \{12^6, 6^4, 4^4, 3^7\})$	3221176320
12	$\mathcal{O}(1; \{12^6, 6^4, 4^6, 3, 2^5\})$	201129984
12	$\mathcal{O}(1; \{12^6, 6^4, 4^6, 3^4, 2\})$	1610809344
12	$\mathcal{O}(1; \{12^6, 6^4, 4^8, 3, 2^2\})$	804519936
12	$\mathcal{O}(1; \{12^6, 6^5, 3^2, 2^{11}\})$	12579840
12	$\mathcal{O}(1; \{12^6, 6^5, 3^5, 2^7\})$	100666368
12	$\mathcal{O}(1; \{12^6, 6^5, 3^8, 2^3\})$	805303296
12	$\mathcal{O}(1; \{12^6, 6^5, 4^2, 3^2, 2^8\})$	50319360
12	$\mathcal{O}(1; \{12^6, 6^5, 4^2, 3^5, 2^4\})$	402665472
12	$\mathcal{O}(1; \{12^6, 6^5, 4^2, 3^8\})$	3221213184
12	$\mathcal{O}(1; \{12^6, 6^5, 4^4, 3^2, 2^5\})$	201277440
12	$\mathcal{O}(1; \{12^6, 6^5, 4^4, 3^5, 2\})$	1610661888
12	$\mathcal{O}(1; \{12^6, 6^5, 4^6, 3^2, 2^2\})$	805109760
12	$\mathcal{O}(1; \{12^6, 6^6, 2^{12}\})$	6294528
12	$\mathcal{O}(1; \{12^6, 6^6, 3^3, 2^8\})$	50328576
12	$\mathcal{O}(1; \{12^6, 6^6, 3^6, 2^4\})$	402656256
12	$\mathcal{O}(1; \{12^6, 6^6, 3^9\})$	3221222400
12	$\mathcal{O}(1; \{12^6, 6^6, 4^2, 2^9\})$	25178112
12	$\mathcal{O}(1; \{12^6, 6^6, 4^2, 3^3, 2^5\})$	201314304
12	$\mathcal{O}(1; \{12^6, 6^6, 4^2, 3^6, 2\})$	1610625024
12	$\mathcal{O}(1; \{12^6, 6^6, 4^4, 2^6\})$	100712448
12	$\mathcal{O}(1; \{12^6, 6^6, 4^4, 3^3, 2^2\})$	805257216
12	$\mathcal{O}(1; \{12^6, 6^6, 4^6, 2^3\})$	402849792
12	$\mathcal{O}(1; \{12^6, 6^6, 4^8\})$	1611399168
12	$\mathcal{O}(1; \{12^6, 6^7, 3, 2^9\})$	25168896
12	$\mathcal{O}(1; \{12^6, 6^7, 3^4, 2^5\})$	201323520
12	$\mathcal{O}(1; \{12^6, 6^7, 3^7, 2\})$	1610615808
12	$\mathcal{O}(1; \{12^6, 6^7, 4^2, 3, 2^6\})$	100675584
12	$\mathcal{O}(1; \{12^6, 6^7, 4^2, 3^4, 2^2\})$	805294080
12	$\mathcal{O}(1; \{12^6, 6^7, 4^4, 3, 2^3\})$	402702336
12	$\mathcal{O}(1; \{12^6, 6^7, 4^6, 3\})$	1610809344
12	$\mathcal{O}(1; \{12^6, 6^8, 3^2, 2^6\})$	100666368
12	$\mathcal{O}(1; \{12^6, 6^8, 3^5, 2^2\})$	805303296
12	$\mathcal{O}(1; \{12^6, 6^8, 4^2, 3^2, 2^3\})$	402665472
12	$\mathcal{O}(1; \{12^6, 6^8, 4^4, 3^2\})$	1610661888
12	$\mathcal{O}(1; \{12^6, 6^9, 2^7\})$	50328576

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^6, 6^9, 3^3, 2^3\})$	402656256
12	$\mathcal{O}(1; \{12^6, 6^9, 4^2, 2^4\})$	201314304
12	$\mathcal{O}(1; \{12^6, 6^9, 4^2, 3^3\})$	1610625024
12	$\mathcal{O}(1; \{12^6, 6^9, 4^4, 2\})$	805257216
12	$\mathcal{O}(1; \{12^6, 6^{10}, 3, 2^4\})$	201323520
12	$\mathcal{O}(1; \{12^6, 6^{10}, 3^4\})$	1610615808
12	$\mathcal{O}(1; \{12^6, 6^{10}, 4^2, 3, 2\})$	805294080
12	$\mathcal{O}(1; \{12^6, 6^{11}, 3^2, 2\})$	805303296
12	$\mathcal{O}(1; \{12^6, 6^{12}, 2^2\})$	402656256
12	$\mathcal{O}(1; \{12^7, 4, 3^2, 2^{16}\})$	3133440
12	$\mathcal{O}(1; \{12^7, 4, 3^5, 2^{12}\})$	25178112
12	$\mathcal{O}(1; \{12^7, 4, 3^8, 2^8\})$	201314304
12	$\mathcal{O}(1; \{12^7, 4, 3^{11}, 2^4\})$	1610625024
12	$\mathcal{O}(1; \{12^7, 4, 3^{14}\})$	12884889600
12	$\mathcal{O}(1; \{12^7, 4^3, 3^2, 2^{13}\})$	12533760
12	$\mathcal{O}(1; \{12^7, 4^3, 3^5, 2^9\})$	100712448
12	$\mathcal{O}(1; \{12^7, 4^3, 3^8, 2^5\})$	805257216
12	$\mathcal{O}(1; \{12^7, 4^3, 3^{11}, 2\})$	6442500096
12	$\mathcal{O}(1; \{12^7, 4^5, 3^2, 2^{10}\})$	50135040
12	$\mathcal{O}(1; \{12^7, 4^5, 3^5, 2^6\})$	402849792
12	$\mathcal{O}(1; \{12^7, 4^5, 3^8, 2^2\})$	3221028864
12	$\mathcal{O}(1; \{12^7, 4^7, 3^2, 2^7\})$	200540160
12	$\mathcal{O}(1; \{12^7, 4^7, 3^5, 2^3\})$	1611399168
12	$\mathcal{O}(1; \{12^7, 4^9, 3^2, 2^4\})$	802160640
12	$\mathcal{O}(1; \{12^7, 4^9, 3^5\})$	6445596672
12	$\mathcal{O}(1; \{12^7, 4^{11}, 3^2, 2\})$	3208642560
12	$\mathcal{O}(1; \{12^7, 6, 4, 2^{17}\})$	1585152
12	$\mathcal{O}(1; \{12^7, 6, 4, 3^3, 2^{13}\})$	12570624
12	$\mathcal{O}(1; \{12^7, 6, 4, 3^6, 2^9\})$	100675584
12	$\mathcal{O}(1; \{12^7, 6, 4, 3^9, 2^5\})$	805294080
12	$\mathcal{O}(1; \{12^7, 6, 4, 3^{12}, 2\})$	6442463232
12	$\mathcal{O}(1; \{12^7, 6, 4^3, 2^{14}\})$	6340608
12	$\mathcal{O}(1; \{12^7, 6, 4^3, 3^3, 2^{10}\})$	50282496
12	$\mathcal{O}(1; \{12^7, 6, 4^3, 3^6, 2^6\})$	402702336
12	$\mathcal{O}(1; \{12^7, 6, 4^3, 3^9, 2^2\})$	3221176320
12	$\mathcal{O}(1; \{12^7, 6, 4^5, 2^{11}\})$	25362432
12	$\mathcal{O}(1; \{12^7, 6, 4^5, 3^3, 2^7\})$	201129984
12	$\mathcal{O}(1; \{12^7, 6, 4^5, 3^6, 2^3\})$	1610809344
12	$\mathcal{O}(1; \{12^7, 6, 4^7, 2^8\})$	101449728
12	$\mathcal{O}(1; \{12^7, 6, 4^7, 3^3, 2^4\})$	804519936
12	$\mathcal{O}(1; \{12^7, 6, 4^7, 3^6\})$	6443237376
12	$\mathcal{O}(1; \{12^7, 6, 4^9, 2^5\})$	405798912
12	$\mathcal{O}(1; \{12^7, 6, 4^9, 3^3, 2\})$	3218079744

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^7, 6, 4^{11}, 2^2\})$	1623195648
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 3, 2^{14}\})$	6303744
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 3^4, 2^{10}\})$	50319360
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 3^7, 2^6\})$	402665472
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 3^{10}, 2^2\})$	3221213184
12	$\mathcal{O}(1; \{12^7, 6^2, 4^3, 3, 2^{11}\})$	25214976
12	$\mathcal{O}(1; \{12^7, 6^2, 4^3, 3^4, 2^7\})$	201277440
12	$\mathcal{O}(1; \{12^7, 6^2, 4^3, 3^7, 2^3\})$	1610661888
12	$\mathcal{O}(1; \{12^7, 6^2, 4^5, 3, 2^8\})$	100859904
12	$\mathcal{O}(1; \{12^7, 6^2, 4^5, 3^4, 2^4\})$	805109760
12	$\mathcal{O}(1; \{12^7, 6^2, 4^5, 3^7\})$	6442647552
12	$\mathcal{O}(1; \{12^7, 6^2, 4^7, 3, 2^5\})$	403439616
12	$\mathcal{O}(1; \{12^7, 6^2, 4^7, 3^4, 2\})$	3220439040
12	$\mathcal{O}(1; \{12^7, 6^2, 4^9, 3, 2^2\})$	1613758464
12	$\mathcal{O}(1; \{12^7, 6^3, 4, 3^2, 2^{11}\})$	25178112
12	$\mathcal{O}(1; \{12^7, 6^3, 4, 3^5, 2^7\})$	201314304
12	$\mathcal{O}(1; \{12^7, 6^3, 4, 3^8, 2^3\})$	1610625024
12	$\mathcal{O}(1; \{12^7, 6^3, 4^3, 3^2, 2^8\})$	100712448
12	$\mathcal{O}(1; \{12^7, 6^3, 4^3, 3^5, 2^4\})$	805257216
12	$\mathcal{O}(1; \{12^7, 6^3, 4^3, 3^8\})$	6442500096
12	$\mathcal{O}(1; \{12^7, 6^3, 4^5, 3^2, 2^5\})$	402849792
12	$\mathcal{O}(1; \{12^7, 6^3, 4^5, 3^5, 2\})$	3221028864
12	$\mathcal{O}(1; \{12^7, 6^3, 4^7, 3^2, 2^2\})$	1611399168
12	$\mathcal{O}(1; \{12^7, 6^4, 4, 2^{12}\})$	12570624
12	$\mathcal{O}(1; \{12^7, 6^4, 4, 3^3, 2^8\})$	100675584
12	$\mathcal{O}(1; \{12^7, 6^4, 4, 3^6, 2^4\})$	805294080
12	$\mathcal{O}(1; \{12^7, 6^4, 4, 3^9\})$	6442463232
12	$\mathcal{O}(1; \{12^7, 6^4, 4^3, 2^9\})$	50282496
12	$\mathcal{O}(1; \{12^7, 6^4, 4^3, 3^3, 2^5\})$	402702336
12	$\mathcal{O}(1; \{12^7, 6^4, 4^3, 3^6, 2\})$	3221176320
12	$\mathcal{O}(1; \{12^7, 6^4, 4^5, 2^6\})$	201129984
12	$\mathcal{O}(1; \{12^7, 6^4, 4^5, 3^3, 2^2\})$	1610809344
12	$\mathcal{O}(1; \{12^7, 6^4, 4^7, 2^3\})$	804519936
12	$\mathcal{O}(1; \{12^7, 6^4, 4^9\})$	3218079744
12	$\mathcal{O}(1; \{12^7, 6^5, 4, 3, 2^9\})$	50319360
12	$\mathcal{O}(1; \{12^7, 6^5, 4, 3^4, 2^5\})$	402665472
12	$\mathcal{O}(1; \{12^7, 6^5, 4, 3^7, 2\})$	3221213184
12	$\mathcal{O}(1; \{12^7, 6^5, 4^3, 3, 2^6\})$	201277440
12	$\mathcal{O}(1; \{12^7, 6^5, 4^3, 3^4, 2^2\})$	1610661888
12	$\mathcal{O}(1; \{12^7, 6^5, 4^5, 3, 2^3\})$	805109760
12	$\mathcal{O}(1; \{12^7, 6^5, 4^7, 3\})$	3220439040
12	$\mathcal{O}(1; \{12^7, 6^6, 4, 3^2, 2^6\})$	201314304
12	$\mathcal{O}(1; \{12^7, 6^6, 4, 3^5, 2^2\})$	1610625024

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^7, 6^6, 4^3, 3^2, 2^3\})$	805257216
12	$\mathcal{O}(1; \{12^7, 6^6, 4^5, 3^2\})$	3221028864
12	$\mathcal{O}(1; \{12^7, 6^7, 4, 2^7\})$	100675584
12	$\mathcal{O}(1; \{12^7, 6^7, 4, 3^3, 2^3\})$	805294080
12	$\mathcal{O}(1; \{12^7, 6^7, 4^3, 2^4\})$	402702336
12	$\mathcal{O}(1; \{12^7, 6^7, 4^3, 3^3\})$	3221176320
12	$\mathcal{O}(1; \{12^7, 6^7, 4^5, 2\})$	1610809344
12	$\mathcal{O}(1; \{12^7, 6^8, 4, 3, 2^4\})$	402665472
12	$\mathcal{O}(1; \{12^7, 6^8, 4, 3^4\})$	3221213184
12	$\mathcal{O}(1; \{12^7, 6^8, 4^3, 3, 2\})$	1610661888
12	$\mathcal{O}(1; \{12^7, 6^9, 4, 3^2, 2\})$	1610625024
12	$\mathcal{O}(1; \{12^7, 6^{10}, 4, 2^2\})$	805294080
12	$\mathcal{O}(1; \{12^8, 3, 2^{17}\})$	3133440
12	$\mathcal{O}(1; \{12^8, 3^4, 2^{13}\})$	25178112
12	$\mathcal{O}(1; \{12^8, 3^7, 2^9\})$	201314304
12	$\mathcal{O}(1; \{12^8, 3^{10}, 2^5\})$	1610625024
12	$\mathcal{O}(1; \{12^8, 3^{13}, 2\})$	12884889600
12	$\mathcal{O}(1; \{12^8, 4^2, 3, 2^{14}\})$	12533760
12	$\mathcal{O}(1; \{12^8, 4^2, 3^4, 2^{10}\})$	100712448
12	$\mathcal{O}(1; \{12^8, 4^2, 3^7, 2^6\})$	805257216
12	$\mathcal{O}(1; \{12^8, 4^2, 3^{10}, 2^2\})$	6442500096
12	$\mathcal{O}(1; \{12^8, 4^4, 3, 2^{11}\})$	50135040
12	$\mathcal{O}(1; \{12^8, 4^4, 3^4, 2^7\})$	402849792
12	$\mathcal{O}(1; \{12^8, 4^4, 3^7, 2^3\})$	3221028864
12	$\mathcal{O}(1; \{12^8, 4^6, 3, 2^8\})$	200540160
12	$\mathcal{O}(1; \{12^8, 4^6, 3^4, 2^4\})$	1611399168
12	$\mathcal{O}(1; \{12^8, 4^6, 3^7\})$	12884115456
12	$\mathcal{O}(1; \{12^8, 4^8, 3, 2^5\})$	802160640
12	$\mathcal{O}(1; \{12^8, 4^8, 3^4, 2\})$	6445596672
12	$\mathcal{O}(1; \{12^8, 4^{10}, 3, 2^2\})$	3208642560
12	$\mathcal{O}(1; \{12^8, 6, 3^2, 2^{14}\})$	12570624
12	$\mathcal{O}(1; \{12^8, 6, 3^5, 2^{10}\})$	100675584
12	$\mathcal{O}(1; \{12^8, 6, 3^8, 2^6\})$	805294080
12	$\mathcal{O}(1; \{12^8, 6, 3^{11}, 2^2\})$	6442463232
12	$\mathcal{O}(1; \{12^8, 6, 4^2, 3^2, 2^{11}\})$	50282496
12	$\mathcal{O}(1; \{12^8, 6, 4^2, 3^5, 2^7\})$	402702336
12	$\mathcal{O}(1; \{12^8, 6, 4^2, 3^8, 2^3\})$	3221176320
12	$\mathcal{O}(1; \{12^8, 6, 4^4, 3^2, 2^8\})$	201129984
12	$\mathcal{O}(1; \{12^8, 6, 4^4, 3^5, 2^4\})$	1610809344
12	$\mathcal{O}(1; \{12^8, 6, 4^4, 3^8\})$	12884705280
12	$\mathcal{O}(1; \{12^8, 6, 4^6, 3^2, 2^5\})$	804519936
12	$\mathcal{O}(1; \{12^8, 6, 4^6, 3^5, 2\})$	6443237376
12	$\mathcal{O}(1; \{12^8, 6, 4^8, 3^2, 2^2\})$	3218079744

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^8, 6^2, 2^{15}\})$	6303744
12	$\mathcal{O}(1; \{12^8, 6^2, 3^3, 2^{11}\})$	50319360
12	$\mathcal{O}(1; \{12^8, 6^2, 3^6, 2^7\})$	402665472
12	$\mathcal{O}(1; \{12^8, 6^2, 3^9, 2^3\})$	3221213184
12	$\mathcal{O}(1; \{12^8, 6^2, 4^2, 2^{12}\})$	25214976
12	$\mathcal{O}(1; \{12^8, 6^2, 4^2, 3^3, 2^8\})$	201277440
12	$\mathcal{O}(1; \{12^8, 6^2, 4^2, 3^6, 2^4\})$	1610661888
12	$\mathcal{O}(1; \{12^8, 6^2, 4^2, 3^9\})$	12884852736
12	$\mathcal{O}(1; \{12^8, 6^2, 4^4, 2^9\})$	100859904
12	$\mathcal{O}(1; \{12^8, 6^2, 4^4, 3^3, 2^5\})$	805109760
12	$\mathcal{O}(1; \{12^8, 6^2, 4^4, 3^6, 2\})$	6442647552
12	$\mathcal{O}(1; \{12^8, 6^2, 4^6, 2^6\})$	403439616
12	$\mathcal{O}(1; \{12^8, 6^2, 4^6, 3^3, 2^2\})$	3220439040
12	$\mathcal{O}(1; \{12^8, 6^2, 4^8, 2^3\})$	1613758464
12	$\mathcal{O}(1; \{12^8, 6^2, 4^{10}\})$	6455033856
12	$\mathcal{O}(1; \{12^8, 6^3, 3, 2^{12}\})$	25178112
12	$\mathcal{O}(1; \{12^8, 6^3, 3^4, 2^8\})$	201314304
12	$\mathcal{O}(1; \{12^8, 6^3, 3^7, 2^4\})$	1610625024
12	$\mathcal{O}(1; \{12^8, 6^3, 3^{10}\})$	12884889600
12	$\mathcal{O}(1; \{12^8, 6^3, 4^2, 3, 2^9\})$	100712448
12	$\mathcal{O}(1; \{12^8, 6^3, 4^2, 3^4, 2^5\})$	805257216
12	$\mathcal{O}(1; \{12^8, 6^3, 4^2, 3^7, 2\})$	6442500096
12	$\mathcal{O}(1; \{12^8, 6^3, 4^4, 3, 2^6\})$	402849792
12	$\mathcal{O}(1; \{12^8, 6^3, 4^4, 3^4, 2^2\})$	3221028864
12	$\mathcal{O}(1; \{12^8, 6^3, 4^6, 3, 2^3\})$	1611399168
12	$\mathcal{O}(1; \{12^8, 6^3, 4^8, 3\})$	6445596672
12	$\mathcal{O}(1; \{12^8, 6^4, 3^2, 2^9\})$	100675584
12	$\mathcal{O}(1; \{12^8, 6^4, 3^5, 2^5\})$	805294080
12	$\mathcal{O}(1; \{12^8, 6^4, 3^8, 2\})$	6442463232
12	$\mathcal{O}(1; \{12^8, 6^4, 4^2, 3^2, 2^6\})$	402702336
12	$\mathcal{O}(1; \{12^8, 6^4, 4^2, 3^5, 2^2\})$	3221176320
12	$\mathcal{O}(1; \{12^8, 6^4, 4^4, 3^2, 2^3\})$	1610809344
12	$\mathcal{O}(1; \{12^8, 6^4, 4^6, 3^2\})$	6443237376
12	$\mathcal{O}(1; \{12^8, 6^5, 2^{10}\})$	50319360
12	$\mathcal{O}(1; \{12^8, 6^5, 3^3, 2^6\})$	402665472
12	$\mathcal{O}(1; \{12^8, 6^5, 3^6, 2^2\})$	3221213184
12	$\mathcal{O}(1; \{12^8, 6^5, 4^2, 2^7\})$	201277440
12	$\mathcal{O}(1; \{12^8, 6^5, 4^2, 3^3, 2^3\})$	1610661888
12	$\mathcal{O}(1; \{12^8, 6^5, 4^4, 2^4\})$	805109760
12	$\mathcal{O}(1; \{12^8, 6^5, 4^4, 3^3\})$	6442647552
12	$\mathcal{O}(1; \{12^8, 6^5, 4^6, 2\})$	3220439040
12	$\mathcal{O}(1; \{12^8, 6^6, 3, 2^7\})$	201314304
12	$\mathcal{O}(1; \{12^8, 6^6, 3^4, 2^3\})$	1610625024

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^8, 6^6, 4^2, 3, 2^4\})$	805257216
12	$\mathcal{O}(1; \{12^8, 6^6, 4^2, 3^4\})$	6442500096
12	$\mathcal{O}(1; \{12^8, 6^6, 4^4, 3, 2\})$	3221028864
12	$\mathcal{O}(1; \{12^8, 6^7, 3^2, 2^4\})$	805294080
12	$\mathcal{O}(1; \{12^8, 6^7, 3^5\})$	6442463232
12	$\mathcal{O}(1; \{12^8, 6^7, 4^2, 3^2, 2\})$	3221176320
12	$\mathcal{O}(1; \{12^8, 6^8, 2^5\})$	402665472
12	$\mathcal{O}(1; \{12^8, 6^8, 3^3, 2\})$	3221213184
12	$\mathcal{O}(1; \{12^8, 6^8, 4^2, 2^2\})$	1610661888
12	$\mathcal{O}(1; \{12^8, 6^9, 3, 2^2\})$	1610625024
12	$\mathcal{O}(1; \{12^8, 6^{11}\})$	3221213184
12	$\mathcal{O}(1; \{12^9, 4, 2^{15}\})$	12533760
12	$\mathcal{O}(1; \{12^9, 4, 3^3, 2^{11}\})$	100712448
12	$\mathcal{O}(1; \{12^9, 4, 3^6, 2^7\})$	805257216
12	$\mathcal{O}(1; \{12^9, 4, 3^9, 2^3\})$	6442500096
12	$\mathcal{O}(1; \{12^9, 4^3, 2^{12}\})$	50135040
12	$\mathcal{O}(1; \{12^9, 4^3, 3^3, 2^8\})$	402849792
12	$\mathcal{O}(1; \{12^9, 4^3, 3^6, 2^4\})$	3221028864
12	$\mathcal{O}(1; \{12^9, 4^3, 3^9\})$	25770000384
12	$\mathcal{O}(1; \{12^9, 4^5, 2^9\})$	200540160
12	$\mathcal{O}(1; \{12^9, 4^5, 3^3, 2^5\})$	1611399168
12	$\mathcal{O}(1; \{12^9, 4^5, 3^6, 2\})$	12884115456
12	$\mathcal{O}(1; \{12^9, 4^7, 2^6\})$	802160640
12	$\mathcal{O}(1; \{12^9, 4^7, 3^3, 2^2\})$	6445596672
12	$\mathcal{O}(1; \{12^9, 4^9, 2^3\})$	3208642560
12	$\mathcal{O}(1; \{12^9, 4^{11}\})$	12834570240
12	$\mathcal{O}(1; \{12^9, 6, 4, 3, 2^{12}\})$	50282496
12	$\mathcal{O}(1; \{12^9, 6, 4, 3^4, 2^8\})$	402702336
12	$\mathcal{O}(1; \{12^9, 6, 4, 3^7, 2^4\})$	3221176320
12	$\mathcal{O}(1; \{12^9, 6, 4, 3^{10}\})$	25769852928
12	$\mathcal{O}(1; \{12^9, 6, 4^3, 3, 2^9\})$	201129984
12	$\mathcal{O}(1; \{12^9, 6, 4^3, 3^4, 2^5\})$	1610809344
12	$\mathcal{O}(1; \{12^9, 6, 4^3, 3^7, 2\})$	12884705280
12	$\mathcal{O}(1; \{12^9, 6, 4^5, 3, 2^6\})$	804519936
12	$\mathcal{O}(1; \{12^9, 6, 4^5, 3^4, 2^2\})$	6443237376
12	$\mathcal{O}(1; \{12^9, 6, 4^7, 3, 2^3\})$	3218079744
12	$\mathcal{O}(1; \{12^9, 6, 4^9, 3\})$	12872318976
12	$\mathcal{O}(1; \{12^9, 6^2, 4, 3^2, 2^9\})$	201277440
12	$\mathcal{O}(1; \{12^9, 6^2, 4, 3^5, 2^5\})$	1610661888
12	$\mathcal{O}(1; \{12^9, 6^2, 4, 3^8, 2\})$	12884852736
12	$\mathcal{O}(1; \{12^9, 6^2, 4^3, 3^2, 2^6\})$	805109760
12	$\mathcal{O}(1; \{12^9, 6^2, 4^3, 3^5, 2^2\})$	6442647552
12	$\mathcal{O}(1; \{12^9, 6^2, 4^5, 3^2, 2^3\})$	3220439040

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^9, 6^2, 4^7, 3^2\})$	12881756160
12	$\mathcal{O}(1; \{12^9, 6^3, 4, 2^{10}\})$	100712448
12	$\mathcal{O}(1; \{12^9, 6^3, 4, 3^3, 2^6\})$	805257216
12	$\mathcal{O}(1; \{12^9, 6^3, 4, 3^6, 2^2\})$	6442500096
12	$\mathcal{O}(1; \{12^9, 6^3, 4^3, 2^7\})$	402849792
12	$\mathcal{O}(1; \{12^9, 6^3, 4^3, 3^3, 2^3\})$	3221028864
12	$\mathcal{O}(1; \{12^9, 6^3, 4^5, 2^4\})$	1611399168
12	$\mathcal{O}(1; \{12^9, 6^3, 4^5, 3^3\})$	12884115456
12	$\mathcal{O}(1; \{12^9, 6^3, 4^7, 2\})$	6445596672
12	$\mathcal{O}(1; \{12^9, 6^4, 4, 3, 2^7\})$	402702336
12	$\mathcal{O}(1; \{12^9, 6^4, 4, 3^4, 2^3\})$	3221176320
12	$\mathcal{O}(1; \{12^9, 6^4, 4^3, 3, 2^4\})$	1610809344
12	$\mathcal{O}(1; \{12^9, 6^4, 4^3, 3^4\})$	12884705280
12	$\mathcal{O}(1; \{12^9, 6^4, 4^5, 3, 2\})$	6443237376
12	$\mathcal{O}(1; \{12^9, 6^5, 4, 3^2, 2^4\})$	1610661888
12	$\mathcal{O}(1; \{12^9, 6^5, 4, 3^5\})$	12884852736
12	$\mathcal{O}(1; \{12^9, 6^5, 4^3, 3^2, 2\})$	6442647552
12	$\mathcal{O}(1; \{12^9, 6^6, 4, 2^5\})$	805257216
12	$\mathcal{O}(1; \{12^9, 6^6, 4, 3^3, 2\})$	6442500096
12	$\mathcal{O}(1; \{12^9, 6^6, 4^3, 2^2\})$	3221028864
12	$\mathcal{O}(1; \{12^9, 6^7, 4, 3, 2^2\})$	3221176320
12	$\mathcal{O}(1; \{12^9, 6^9, 4\})$	6442500096
12	$\mathcal{O}(1; \{12^{10}, 3^2, 2^{12}\})$	100712448
12	$\mathcal{O}(1; \{12^{10}, 3^5, 2^8\})$	805257216
12	$\mathcal{O}(1; \{12^{10}, 3^8, 2^4\})$	6442500096
12	$\mathcal{O}(1; \{12^{10}, 3^{11}\})$	51539558400
12	$\mathcal{O}(1; \{12^{10}, 4^2, 3^2, 2^9\})$	402849792
12	$\mathcal{O}(1; \{12^{10}, 4^2, 3^5, 2^5\})$	3221028864
12	$\mathcal{O}(1; \{12^{10}, 4^2, 3^8, 2\})$	25770000384
12	$\mathcal{O}(1; \{12^{10}, 4^4, 3^2, 2^6\})$	1611399168
12	$\mathcal{O}(1; \{12^{10}, 4^4, 3^5, 2^2\})$	12884115456
12	$\mathcal{O}(1; \{12^{10}, 4^6, 3^2, 2^3\})$	6445596672
12	$\mathcal{O}(1; \{12^{10}, 4^8, 3^2\})$	25782386688
12	$\mathcal{O}(1; \{12^{10}, 6, 2^{13}\})$	50282496
12	$\mathcal{O}(1; \{12^{10}, 6, 3^3, 2^9\})$	402702336
12	$\mathcal{O}(1; \{12^{10}, 6, 3^6, 2^5\})$	3221176320
12	$\mathcal{O}(1; \{12^{10}, 6, 3^9, 2\})$	25769852928
12	$\mathcal{O}(1; \{12^{10}, 6, 4^2, 2^{10}\})$	201129984
12	$\mathcal{O}(1; \{12^{10}, 6, 4^2, 3^3, 2^6\})$	1610809344
12	$\mathcal{O}(1; \{12^{10}, 6, 4^2, 3^6, 2^2\})$	12884705280
12	$\mathcal{O}(1; \{12^{10}, 6, 4^4, 2^7\})$	804519936
12	$\mathcal{O}(1; \{12^{10}, 6, 4^4, 3^3, 2^3\})$	6443237376
12	$\mathcal{O}(1; \{12^{10}, 6, 4^6, 2^4\})$	3218079744

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^{10}, 6, 4^6, 3^3\})$	25772949504
12	$\mathcal{O}(1; \{12^{10}, 6, 4^8, 2\})$	12872318976
12	$\mathcal{O}(1; \{12^{10}, 6^2, 3, 2^{10}\})$	201277440
12	$\mathcal{O}(1; \{12^{10}, 6^2, 3^4, 2^6\})$	1610661888
12	$\mathcal{O}(1; \{12^{10}, 6^2, 3^7, 2^2\})$	12884852736
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^2, 3, 2^7\})$	805109760
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^2, 3^4, 2^3\})$	6442647552
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^4, 3, 2^4\})$	3220439040
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^4, 3^4\})$	25770590208
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^6, 3, 2\})$	12881756160
12	$\mathcal{O}(1; \{12^{10}, 6^3, 3^2, 2^7\})$	805257216
12	$\mathcal{O}(1; \{12^{10}, 6^3, 3^5, 2^3\})$	6442500096
12	$\mathcal{O}(1; \{12^{10}, 6^3, 4^2, 3^2, 2^4\})$	3221028864
12	$\mathcal{O}(1; \{12^{10}, 6^3, 4^2, 3^5\})$	25770000384
12	$\mathcal{O}(1; \{12^{10}, 6^3, 4^4, 3^2, 2\})$	12884115456
12	$\mathcal{O}(1; \{12^{10}, 6^4, 2^8\})$	402702336
12	$\mathcal{O}(1; \{12^{10}, 6^4, 3^3, 2^4\})$	3221176320
12	$\mathcal{O}(1; \{12^{10}, 6^4, 3^6\})$	25769852928
12	$\mathcal{O}(1; \{12^{10}, 6^4, 4^2, 2^5\})$	1610809344
12	$\mathcal{O}(1; \{12^{10}, 6^4, 4^2, 3^3, 2\})$	12884705280
12	$\mathcal{O}(1; \{12^{10}, 6^4, 4^4, 2^2\})$	6443237376
12	$\mathcal{O}(1; \{12^{10}, 6^5, 3, 2^5\})$	1610661888
12	$\mathcal{O}(1; \{12^{10}, 6^5, 3^4, 2\})$	12884852736
12	$\mathcal{O}(1; \{12^{10}, 6^5, 4^2, 3, 2^2\})$	6442647552
12	$\mathcal{O}(1; \{12^{10}, 6^6, 3^2, 2^2\})$	6442500096
12	$\mathcal{O}(1; \{12^{10}, 6^7, 2^3\})$	3221176320
12	$\mathcal{O}(1; \{12^{10}, 6^7, 4^2\})$	12884705280
12	$\mathcal{O}(1; \{12^{10}, 6^8, 3\})$	12884852736
12	$\mathcal{O}(1; \{12^{11}, 4, 3, 2^{10}\})$	402849792
12	$\mathcal{O}(1; \{12^{11}, 4, 3^4, 2^6\})$	3221028864
12	$\mathcal{O}(1; \{12^{11}, 4, 3^7, 2^2\})$	25770000384
12	$\mathcal{O}(1; \{12^{11}, 4^3, 3, 2^7\})$	1611399168
12	$\mathcal{O}(1; \{12^{11}, 4^3, 3^4, 2^3\})$	12884115456
12	$\mathcal{O}(1; \{12^{11}, 4^5, 3, 2^4\})$	6445596672
12	$\mathcal{O}(1; \{12^{11}, 4^5, 3^4\})$	51536461824
12	$\mathcal{O}(1; \{12^{11}, 4^7, 3, 2\})$	25782386688
12	$\mathcal{O}(1; \{12^{11}, 6, 4, 3^2, 2^7\})$	1610809344
12	$\mathcal{O}(1; \{12^{11}, 6, 4, 3^5, 2^3\})$	12884705280
12	$\mathcal{O}(1; \{12^{11}, 6, 4^3, 3^2, 2^4\})$	6443237376
12	$\mathcal{O}(1; \{12^{11}, 6, 4^3, 3^5\})$	51538821120
12	$\mathcal{O}(1; \{12^{11}, 6, 4^5, 3^2, 2\})$	25772949504
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4, 2^8\})$	805109760
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4, 3^3, 2^4\})$	6442647552

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4, 3^6\})$	51539410944
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4^3, 2^5\})$	3220439040
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4^3, 3^3, 2\})$	25770590208
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4^5, 2^2\})$	12881756160
12	$\mathcal{O}(1; \{12^{11}, 6^3, 4, 3, 2^5\})$	3221028864
12	$\mathcal{O}(1; \{12^{11}, 6^3, 4, 3^4, 2\})$	25770000384
12	$\mathcal{O}(1; \{12^{11}, 6^3, 4^3, 3, 2^2\})$	12884115456
12	$\mathcal{O}(1; \{12^{11}, 6^4, 4, 3^2, 2^2\})$	12884705280
12	$\mathcal{O}(1; \{12^{11}, 6^5, 4, 2^3\})$	6442647552
12	$\mathcal{O}(1; \{12^{11}, 6^5, 4^3\})$	25770590208
12	$\mathcal{O}(1; \{12^{11}, 6^6, 4, 3\})$	25770000384
12	$\mathcal{O}(1; \{12^{12}, 2^{11}\})$	402849792
12	$\mathcal{O}(1; \{12^{12}, 3^3, 2^7\})$	3221028864
12	$\mathcal{O}(1; \{12^{12}, 3^6, 2^3\})$	25770000384
12	$\mathcal{O}(1; \{12^{12}, 4^2, 2^8\})$	1611399168
12	$\mathcal{O}(1; \{12^{12}, 4^2, 3^3, 2^4\})$	12884115456
12	$\mathcal{O}(1; \{12^{12}, 4^2, 3^6\})$	103080001536
12	$\mathcal{O}(1; \{12^{12}, 4^4, 2^5\})$	6445596672
12	$\mathcal{O}(1; \{12^{12}, 4^4, 3^3, 2\})$	51536461824
12	$\mathcal{O}(1; \{12^{12}, 4^6, 2^2\})$	25782386688
12	$\mathcal{O}(1; \{12^{12}, 6, 3, 2^8\})$	1610809344
12	$\mathcal{O}(1; \{12^{12}, 6, 3^4, 2^4\})$	12884705280
12	$\mathcal{O}(1; \{12^{12}, 6, 3^7\})$	103079411712
12	$\mathcal{O}(1; \{12^{12}, 6, 4^2, 3, 2^5\})$	6443237376
12	$\mathcal{O}(1; \{12^{12}, 6, 4^2, 3^4, 2\})$	51538821120
12	$\mathcal{O}(1; \{12^{12}, 6, 4^4, 3, 2^2\})$	25772949504
12	$\mathcal{O}(1; \{12^{12}, 6^2, 3^2, 2^5\})$	6442647552
12	$\mathcal{O}(1; \{12^{12}, 6^2, 3^5, 2\})$	51539410944
12	$\mathcal{O}(1; \{12^{12}, 6^2, 4^2, 3^2, 2^2\})$	25770590208
12	$\mathcal{O}(1; \{12^{12}, 6^3, 2^6\})$	3221028864
12	$\mathcal{O}(1; \{12^{12}, 6^3, 3^3, 2^2\})$	25770000384
12	$\mathcal{O}(1; \{12^{12}, 6^3, 4^2, 2^3\})$	12884115456
12	$\mathcal{O}(1; \{12^{12}, 6^3, 4^4\})$	51536461824
12	$\mathcal{O}(1; \{12^{12}, 6^4, 3, 2^3\})$	12884705280
12	$\mathcal{O}(1; \{12^{12}, 6^4, 4^2, 3\})$	51538821120
12	$\mathcal{O}(1; \{12^{12}, 6^5, 3^2\})$	51539410944
12	$\mathcal{O}(1; \{12^{12}, 6^6, 2\})$	25770000384
12	$\mathcal{O}(1; \{12^{13}, 4, 3^2, 2^5\})$	12884115456
12	$\mathcal{O}(1; \{12^{13}, 4, 3^5, 2\})$	103080001536
12	$\mathcal{O}(1; \{12^{13}, 4^3, 3^2, 2^2\})$	51536461824
12	$\mathcal{O}(1; \{12^{13}, 6, 4, 2^6\})$	6443237376
12	$\mathcal{O}(1; \{12^{13}, 6, 4, 3^3, 2^2\})$	51538821120
12	$\mathcal{O}(1; \{12^{13}, 6, 4^3, 2^3\})$	25772949504

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^{13}, 6, 4^5\})$	103091798016
12	$\mathcal{O}(1; \{12^{13}, 6^2, 4, 3, 2^3\})$	25770590208
12	$\mathcal{O}(1; \{12^{13}, 6^2, 4^3, 3\})$	103082360832
12	$\mathcal{O}(1; \{12^{13}, 6^3, 4, 3^2\})$	103080001536
12	$\mathcal{O}(1; \{12^{13}, 6^4, 4, 2\})$	51538821120
12	$\mathcal{O}(1; \{12^{14}, 3, 2^6\})$	12884115456
12	$\mathcal{O}(1; \{12^{14}, 3^4, 2^2\})$	103080001536
12	$\mathcal{O}(1; \{12^{14}, 4^2, 3, 2^3\})$	51536461824
12	$\mathcal{O}(1; \{12^{14}, 4^4, 3\})$	206145847296
12	$\mathcal{O}(1; \{12^{14}, 6, 3^2, 2^3\})$	51538821120
12	$\mathcal{O}(1; \{12^{14}, 6, 4^2, 3^2\})$	206155284480
12	$\mathcal{O}(1; \{12^{14}, 6^2, 2^4\})$	25770590208
12	$\mathcal{O}(1; \{12^{14}, 6^2, 3^3\})$	206157643776
12	$\mathcal{O}(1; \{12^{14}, 6^2, 4^2, 2\})$	103082360832
12	$\mathcal{O}(1; \{12^{14}, 6^3, 3, 2\})$	103080001536
12	$\mathcal{O}(1; \{12^{15}, 4, 2^4\})$	51536461824
12	$\mathcal{O}(1; \{12^{15}, 4, 3^3\})$	412320006144
12	$\mathcal{O}(1; \{12^{15}, 4^3, 2\})$	206145847296
12	$\mathcal{O}(1; \{12^{15}, 6, 4, 3, 2\})$	206155284480
12	$\mathcal{O}(1; \{12^{16}, 3^2, 2\})$	412320006144
12	$\mathcal{O}(1; \{12^{16}, 6, 2^2\})$	206155284480
12	$\mathcal{O}(1; \{12^{18}\})$	1649280024576
12	$\mathcal{O}(0; \{4^2, 3^3, 2^{30}\})$	4
12	$\mathcal{O}(0; \{4^2, 3^6, 2^{26}\})$	44
12	$\mathcal{O}(0; \{4^2, 3^9, 2^{22}\})$	340
12	$\mathcal{O}(0; \{4^2, 3^{12}, 2^{18}\})$	2732
12	$\mathcal{O}(0; \{4^2, 3^{15}, 2^{14}\})$	21844
12	$\mathcal{O}(0; \{4^2, 3^{18}, 2^{10}\})$	174764
12	$\mathcal{O}(0; \{4^2, 3^{21}, 2^6\})$	1398100
12	$\mathcal{O}(0; \{4^2, 3^{24}, 2^2\})$	11184812
12	$\mathcal{O}(0; \{4^4, 3^3, 2^{27}\})$	16
12	$\mathcal{O}(0; \{4^4, 3^6, 2^{23}\})$	176
12	$\mathcal{O}(0; \{4^4, 3^9, 2^{19}\})$	1360
12	$\mathcal{O}(0; \{4^4, 3^{12}, 2^{15}\})$	10928
12	$\mathcal{O}(0; \{4^4, 3^{15}, 2^{11}\})$	87376
12	$\mathcal{O}(0; \{4^4, 3^{18}, 2^7\})$	699056
12	$\mathcal{O}(0; \{4^4, 3^{21}, 2^3\})$	5592400
12	$\mathcal{O}(0; \{4^6, 3^3, 2^{24}\})$	64
12	$\mathcal{O}(0; \{4^6, 3^6, 2^{20}\})$	704
12	$\mathcal{O}(0; \{4^6, 3^9, 2^{16}\})$	5440
12	$\mathcal{O}(0; \{4^6, 3^{12}, 2^{12}\})$	43712
12	$\mathcal{O}(0; \{4^6, 3^{15}, 2^8\})$	349504
12	$\mathcal{O}(0; \{4^6, 3^{18}, 2^4\})$	2796224

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{4^6, 3^{21}\})$	22369600
12	$\mathcal{O}(0; \{4^8, 3^3, 2^{21}\})$	256
12	$\mathcal{O}(0; \{4^8, 3^6, 2^{17}\})$	2816
12	$\mathcal{O}(0; \{4^8, 3^9, 2^{13}\})$	21760
12	$\mathcal{O}(0; \{4^8, 3^{12}, 2^9\})$	174848
12	$\mathcal{O}(0; \{4^8, 3^{15}, 2^5\})$	1398016
12	$\mathcal{O}(0; \{4^8, 3^{18}, 2\})$	11184896
12	$\mathcal{O}(0; \{4^{10}, 3^3, 2^{18}\})$	1024
12	$\mathcal{O}(0; \{4^{10}, 3^6, 2^{14}\})$	11264
12	$\mathcal{O}(0; \{4^{10}, 3^9, 2^{10}\})$	87040
12	$\mathcal{O}(0; \{4^{10}, 3^{12}, 2^6\})$	699392
12	$\mathcal{O}(0; \{4^{10}, 3^{15}, 2^2\})$	5592064
12	$\mathcal{O}(0; \{4^{12}, 3^3, 2^{15}\})$	4096
12	$\mathcal{O}(0; \{4^{12}, 3^6, 2^{11}\})$	45056
12	$\mathcal{O}(0; \{4^{12}, 3^9, 2^7\})$	348160
12	$\mathcal{O}(0; \{4^{12}, 3^{12}, 2^3\})$	2797568
12	$\mathcal{O}(0; \{4^{14}, 3^3, 2^{12}\})$	16384
12	$\mathcal{O}(0; \{4^{14}, 3^6, 2^8\})$	180224
12	$\mathcal{O}(0; \{4^{14}, 3^9, 2^4\})$	1392640
12	$\mathcal{O}(0; \{4^{14}, 3^{12}\})$	11190272
12	$\mathcal{O}(0; \{4^{16}, 3^3, 2^9\})$	65536
12	$\mathcal{O}(0; \{4^{16}, 3^6, 2^5\})$	720896
12	$\mathcal{O}(0; \{4^{16}, 3^9, 2\})$	5570560
12	$\mathcal{O}(0; \{4^{18}, 3^3, 2^6\})$	262144
12	$\mathcal{O}(0; \{4^{18}, 3^6, 2^2\})$	2883584
12	$\mathcal{O}(0; \{4^{20}, 3^3, 2^3\})$	1048576
12	$\mathcal{O}(0; \{4^{22}, 3^3\})$	4194304
12	$\mathcal{O}(0; \{6, 4^2, 3, 2^{31}\})$	4
12	$\mathcal{O}(0; \{6, 4^2, 3^4, 2^{27}\})$	20
12	$\mathcal{O}(0; \{6, 4^2, 3^7, 2^{23}\})$	172
12	$\mathcal{O}(0; \{6, 4^2, 3^{10}, 2^{19}\})$	1364
12	$\mathcal{O}(0; \{6, 4^2, 3^{13}, 2^{15}\})$	10924
12	$\mathcal{O}(0; \{6, 4^2, 3^{16}, 2^{11}\})$	87380
12	$\mathcal{O}(0; \{6, 4^2, 3^{19}, 2^7\})$	699052
12	$\mathcal{O}(0; \{6, 4^2, 3^{22}, 2^3\})$	5592404
12	$\mathcal{O}(0; \{6, 4^4, 3, 2^{28}\})$	16
12	$\mathcal{O}(0; \{6, 4^4, 3^4, 2^{24}\})$	80
12	$\mathcal{O}(0; \{6, 4^4, 3^7, 2^{20}\})$	688
12	$\mathcal{O}(0; \{6, 4^4, 3^{10}, 2^{16}\})$	5456
12	$\mathcal{O}(0; \{6, 4^4, 3^{13}, 2^{12}\})$	43696
12	$\mathcal{O}(0; \{6, 4^4, 3^{16}, 2^8\})$	349520
12	$\mathcal{O}(0; \{6, 4^4, 3^{19}, 2^4\})$	2796208
12	$\mathcal{O}(0; \{6, 4^4, 3^{22}\})$	22369616

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6, 4^6, 3, 2^{25}\})$	64
12	$\mathcal{O}(0; \{6, 4^6, 3^4, 2^{21}\})$	320
12	$\mathcal{O}(0; \{6, 4^6, 3^7, 2^{17}\})$	2752
12	$\mathcal{O}(0; \{6, 4^6, 3^{10}, 2^{13}\})$	21824
12	$\mathcal{O}(0; \{6, 4^6, 3^{13}, 2^9\})$	174784
12	$\mathcal{O}(0; \{6, 4^6, 3^{16}, 2^5\})$	1398080
12	$\mathcal{O}(0; \{6, 4^6, 3^{19}, 2\})$	11184832
12	$\mathcal{O}(0; \{6, 4^8, 3, 2^{22}\})$	256
12	$\mathcal{O}(0; \{6, 4^8, 3^4, 2^{18}\})$	1280
12	$\mathcal{O}(0; \{6, 4^8, 3^7, 2^{14}\})$	11008
12	$\mathcal{O}(0; \{6, 4^8, 3^{10}, 2^{10}\})$	87296
12	$\mathcal{O}(0; \{6, 4^8, 3^{13}, 2^6\})$	699136
12	$\mathcal{O}(0; \{6, 4^8, 3^{16}, 2^2\})$	5592320
12	$\mathcal{O}(0; \{6, 4^{10}, 3, 2^{19}\})$	1024
12	$\mathcal{O}(0; \{6, 4^{10}, 3^4, 2^{15}\})$	5120
12	$\mathcal{O}(0; \{6, 4^{10}, 3^7, 2^{11}\})$	44032
12	$\mathcal{O}(0; \{6, 4^{10}, 3^{10}, 2^7\})$	349184
12	$\mathcal{O}(0; \{6, 4^{10}, 3^{13}, 2^3\})$	2796544
12	$\mathcal{O}(0; \{6, 4^{12}, 3, 2^{16}\})$	4096
12	$\mathcal{O}(0; \{6, 4^{12}, 3^4, 2^{12}\})$	20480
12	$\mathcal{O}(0; \{6, 4^{12}, 3^7, 2^8\})$	176128
12	$\mathcal{O}(0; \{6, 4^{12}, 3^{10}, 2^4\})$	1396736
12	$\mathcal{O}(0; \{6, 4^{12}, 3^{13}\})$	11186176
12	$\mathcal{O}(0; \{6, 4^{14}, 3, 2^{13}\})$	16384
12	$\mathcal{O}(0; \{6, 4^{14}, 3^4, 2^9\})$	81920
12	$\mathcal{O}(0; \{6, 4^{14}, 3^7, 2^5\})$	704512
12	$\mathcal{O}(0; \{6, 4^{14}, 3^{10}, 2\})$	5586944
12	$\mathcal{O}(0; \{6, 4^{16}, 3, 2^{10}\})$	65536
12	$\mathcal{O}(0; \{6, 4^{16}, 3^4, 2^6\})$	327680
12	$\mathcal{O}(0; \{6, 4^{16}, 3^7, 2^2\})$	2818048
12	$\mathcal{O}(0; \{6, 4^{18}, 3, 2^7\})$	262144
12	$\mathcal{O}(0; \{6, 4^{18}, 3^4, 2^3\})$	1310720
12	$\mathcal{O}(0; \{6, 4^{20}, 3, 2^4\})$	1048576
12	$\mathcal{O}(0; \{6, 4^{20}, 3^4\})$	5242880
12	$\mathcal{O}(0; \{6, 4^{22}, 3, 2\})$	4194304
12	$\mathcal{O}(0; \{6^2, 4^2, 3^2, 2^{28}\})$	12
12	$\mathcal{O}(0; \{6^2, 4^2, 3^5, 2^{24}\})$	84
12	$\mathcal{O}(0; \{6^2, 4^2, 3^8, 2^{20}\})$	684
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{11}, 2^{16}\})$	5460
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{14}, 2^{12}\})$	43692
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{17}, 2^8\})$	349524
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{20}, 2^4\})$	2796204
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{23}\})$	22369620

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^2, 4^4, 3^2, 2^{25}\})$	48
12	$\mathcal{O}(0; \{6^2, 4^4, 3^5, 2^{21}\})$	336
12	$\mathcal{O}(0; \{6^2, 4^4, 3^8, 2^{17}\})$	2736
12	$\mathcal{O}(0; \{6^2, 4^4, 3^{11}, 2^{13}\})$	21840
12	$\mathcal{O}(0; \{6^2, 4^4, 3^{14}, 2^9\})$	174768
12	$\mathcal{O}(0; \{6^2, 4^4, 3^{17}, 2^5\})$	1398096
12	$\mathcal{O}(0; \{6^2, 4^4, 3^{20}, 2\})$	11184816
12	$\mathcal{O}(0; \{6^2, 4^6, 3^2, 2^{22}\})$	192
12	$\mathcal{O}(0; \{6^2, 4^6, 3^5, 2^{18}\})$	1344
12	$\mathcal{O}(0; \{6^2, 4^6, 3^8, 2^{14}\})$	10944
12	$\mathcal{O}(0; \{6^2, 4^6, 3^{11}, 2^{10}\})$	87360
12	$\mathcal{O}(0; \{6^2, 4^6, 3^{14}, 2^6\})$	699072
12	$\mathcal{O}(0; \{6^2, 4^6, 3^{17}, 2^2\})$	5592384
12	$\mathcal{O}(0; \{6^2, 4^8, 3^2, 2^{19}\})$	768
12	$\mathcal{O}(0; \{6^2, 4^8, 3^5, 2^{15}\})$	5376
12	$\mathcal{O}(0; \{6^2, 4^8, 3^8, 2^{11}\})$	43776
12	$\mathcal{O}(0; \{6^2, 4^8, 3^{11}, 2^7\})$	349440
12	$\mathcal{O}(0; \{6^2, 4^8, 3^{14}, 2^3\})$	2796288
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^2, 2^{16}\})$	3072
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^5, 2^{12}\})$	21504
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^8, 2^8\})$	175104
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^{11}, 2^4\})$	1397760
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^{14}\})$	11185152
12	$\mathcal{O}(0; \{6^2, 4^{12}, 3^2, 2^{13}\})$	12288
12	$\mathcal{O}(0; \{6^2, 4^{12}, 3^5, 2^9\})$	86016
12	$\mathcal{O}(0; \{6^2, 4^{12}, 3^8, 2^5\})$	700416
12	$\mathcal{O}(0; \{6^2, 4^{12}, 3^{11}, 2\})$	5591040
12	$\mathcal{O}(0; \{6^2, 4^{14}, 3^2, 2^{10}\})$	49152
12	$\mathcal{O}(0; \{6^2, 4^{14}, 3^5, 2^6\})$	344064
12	$\mathcal{O}(0; \{6^2, 4^{14}, 3^8, 2^2\})$	2801664
12	$\mathcal{O}(0; \{6^2, 4^{16}, 3^2, 2^7\})$	196608
12	$\mathcal{O}(0; \{6^2, 4^{16}, 3^5, 2^3\})$	1376256
12	$\mathcal{O}(0; \{6^2, 4^{18}, 3^2, 2^4\})$	786432
12	$\mathcal{O}(0; \{6^2, 4^{18}, 3^5\})$	5505024
12	$\mathcal{O}(0; \{6^2, 4^{20}, 3^2, 2\})$	3145728
12	$\mathcal{O}(0; \{6^3, 4^2, 2^{29}\})$	4
12	$\mathcal{O}(0; \{6^3, 4^2, 3^3, 2^{25}\})$	44
12	$\mathcal{O}(0; \{6^3, 4^2, 3^6, 2^{21}\})$	340
12	$\mathcal{O}(0; \{6^3, 4^2, 3^9, 2^{17}\})$	2732
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{12}, 2^{13}\})$	21844
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{15}, 2^9\})$	174764
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{18}, 2^5\})$	1398100
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{21}, 2\})$	11184812

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^3, 4^4, 2^{26}\})$	16
12	$\mathcal{O}(0; \{6^3, 4^4, 3^3, 2^{22}\})$	176
12	$\mathcal{O}(0; \{6^3, 4^4, 3^6, 2^{18}\})$	1360
12	$\mathcal{O}(0; \{6^3, 4^4, 3^9, 2^{14}\})$	10928
12	$\mathcal{O}(0; \{6^3, 4^4, 3^{12}, 2^{10}\})$	87376
12	$\mathcal{O}(0; \{6^3, 4^4, 3^{15}, 2^6\})$	699056
12	$\mathcal{O}(0; \{6^3, 4^4, 3^{18}, 2^2\})$	5592400
12	$\mathcal{O}(0; \{6^3, 4^6, 2^{23}\})$	64
12	$\mathcal{O}(0; \{6^3, 4^6, 3^3, 2^{19}\})$	704
12	$\mathcal{O}(0; \{6^3, 4^6, 3^6, 2^{15}\})$	5440
12	$\mathcal{O}(0; \{6^3, 4^6, 3^9, 2^{11}\})$	43712
12	$\mathcal{O}(0; \{6^3, 4^6, 3^{12}, 2^7\})$	349504
12	$\mathcal{O}(0; \{6^3, 4^6, 3^{15}, 2^3\})$	2796224
12	$\mathcal{O}(0; \{6^3, 4^8, 2^{20}\})$	256
12	$\mathcal{O}(0; \{6^3, 4^8, 3^3, 2^{16}\})$	2816
12	$\mathcal{O}(0; \{6^3, 4^8, 3^6, 2^{12}\})$	21760
12	$\mathcal{O}(0; \{6^3, 4^8, 3^9, 2^8\})$	174848
12	$\mathcal{O}(0; \{6^3, 4^8, 3^{12}, 2^4\})$	1398016
12	$\mathcal{O}(0; \{6^3, 4^8, 3^{15}\})$	11184896
12	$\mathcal{O}(0; \{6^3, 4^{10}, 2^{17}\})$	1024
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3^3, 2^{13}\})$	11264
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3^6, 2^9\})$	87040
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3^9, 2^5\})$	699392
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3^{12}, 2\})$	5592064
12	$\mathcal{O}(0; \{6^3, 4^{12}, 2^{14}\})$	4096
12	$\mathcal{O}(0; \{6^3, 4^{12}, 3^3, 2^{10}\})$	45056
12	$\mathcal{O}(0; \{6^3, 4^{12}, 3^6, 2^6\})$	348160
12	$\mathcal{O}(0; \{6^3, 4^{12}, 3^9, 2^2\})$	2797568
12	$\mathcal{O}(0; \{6^3, 4^{14}, 2^{11}\})$	16384
12	$\mathcal{O}(0; \{6^3, 4^{14}, 3^3, 2^7\})$	180224
12	$\mathcal{O}(0; \{6^3, 4^{14}, 3^6, 2^3\})$	1392640
12	$\mathcal{O}(0; \{6^3, 4^{16}, 2^8\})$	65536
12	$\mathcal{O}(0; \{6^3, 4^{16}, 3^3, 2^4\})$	720896
12	$\mathcal{O}(0; \{6^3, 4^{16}, 3^6\})$	5570560
12	$\mathcal{O}(0; \{6^3, 4^{18}, 2^5\})$	262144
12	$\mathcal{O}(0; \{6^3, 4^{18}, 3^3, 2\})$	2883584
12	$\mathcal{O}(0; \{6^3, 4^{20}, 2^2\})$	1048576
12	$\mathcal{O}(0; \{6^4, 4^2, 3, 2^{26}\})$	20
12	$\mathcal{O}(0; \{6^4, 4^2, 3^4, 2^{22}\})$	172
12	$\mathcal{O}(0; \{6^4, 4^2, 3^7, 2^{18}\})$	1364
12	$\mathcal{O}(0; \{6^4, 4^2, 3^{10}, 2^{14}\})$	10924
12	$\mathcal{O}(0; \{6^4, 4^2, 3^{13}, 2^{10}\})$	87380
12	$\mathcal{O}(0; \{6^4, 4^2, 3^{16}, 2^6\})$	699052

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^4, 4^2, 3^{19}, 2^2\})$	5592404
12	$\mathcal{O}(0; \{6^4, 4^4, 3, 2^{23}\})$	80
12	$\mathcal{O}(0; \{6^4, 4^4, 3^4, 2^{19}\})$	688
12	$\mathcal{O}(0; \{6^4, 4^4, 3^7, 2^{15}\})$	5456
12	$\mathcal{O}(0; \{6^4, 4^4, 3^{10}, 2^{11}\})$	43696
12	$\mathcal{O}(0; \{6^4, 4^4, 3^{13}, 2^7\})$	349520
12	$\mathcal{O}(0; \{6^4, 4^4, 3^{16}, 2^3\})$	2796208
12	$\mathcal{O}(0; \{6^4, 4^6, 3, 2^{20}\})$	320
12	$\mathcal{O}(0; \{6^4, 4^6, 3^4, 2^{16}\})$	2752
12	$\mathcal{O}(0; \{6^4, 4^6, 3^7, 2^{12}\})$	21824
12	$\mathcal{O}(0; \{6^4, 4^6, 3^{10}, 2^8\})$	174784
12	$\mathcal{O}(0; \{6^4, 4^6, 3^{13}, 2^4\})$	1398080
12	$\mathcal{O}(0; \{6^4, 4^6, 3^{16}\})$	11184832
12	$\mathcal{O}(0; \{6^4, 4^8, 3, 2^{17}\})$	1280
12	$\mathcal{O}(0; \{6^4, 4^8, 3^4, 2^{13}\})$	11008
12	$\mathcal{O}(0; \{6^4, 4^8, 3^7, 2^9\})$	87296
12	$\mathcal{O}(0; \{6^4, 4^8, 3^{10}, 2^5\})$	699136
12	$\mathcal{O}(0; \{6^4, 4^8, 3^{13}, 2\})$	5592320
12	$\mathcal{O}(0; \{6^4, 4^{10}, 3, 2^{14}\})$	5120
12	$\mathcal{O}(0; \{6^4, 4^{10}, 3^4, 2^{10}\})$	44032
12	$\mathcal{O}(0; \{6^4, 4^{10}, 3^7, 2^6\})$	349184
12	$\mathcal{O}(0; \{6^4, 4^{10}, 3^{10}, 2^2\})$	2796544
12	$\mathcal{O}(0; \{6^4, 4^{12}, 3, 2^{11}\})$	20480
12	$\mathcal{O}(0; \{6^4, 4^{12}, 3^4, 2^7\})$	176128
12	$\mathcal{O}(0; \{6^4, 4^{12}, 3^7, 2^3\})$	1396736
12	$\mathcal{O}(0; \{6^4, 4^{14}, 3, 2^8\})$	81920
12	$\mathcal{O}(0; \{6^4, 4^{14}, 3^4, 2^4\})$	704512
12	$\mathcal{O}(0; \{6^4, 4^{14}, 3^7\})$	5586944
12	$\mathcal{O}(0; \{6^4, 4^{16}, 3, 2^5\})$	327680
12	$\mathcal{O}(0; \{6^4, 4^{16}, 3^4, 2\})$	2818048
12	$\mathcal{O}(0; \{6^4, 4^{18}, 3, 2^2\})$	1310720
12	$\mathcal{O}(0; \{6^5, 4^2, 3^2, 2^{23}\})$	84
12	$\mathcal{O}(0; \{6^5, 4^2, 3^5, 2^{19}\})$	684
12	$\mathcal{O}(0; \{6^5, 4^2, 3^8, 2^{15}\})$	5460
12	$\mathcal{O}(0; \{6^5, 4^2, 3^{11}, 2^{11}\})$	43692
12	$\mathcal{O}(0; \{6^5, 4^2, 3^{14}, 2^7\})$	349524
12	$\mathcal{O}(0; \{6^5, 4^2, 3^{17}, 2^3\})$	2796204
12	$\mathcal{O}(0; \{6^5, 4^4, 3^2, 2^{20}\})$	336
12	$\mathcal{O}(0; \{6^5, 4^4, 3^5, 2^{16}\})$	2736
12	$\mathcal{O}(0; \{6^5, 4^4, 3^8, 2^{12}\})$	21840
12	$\mathcal{O}(0; \{6^5, 4^4, 3^{11}, 2^8\})$	174768
12	$\mathcal{O}(0; \{6^5, 4^4, 3^{14}, 2^4\})$	1398096
12	$\mathcal{O}(0; \{6^5, 4^4, 3^{17}\})$	11184816

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^5, 4^6, 3^2, 2^{17}\})$	1344
12	$\mathcal{O}(0; \{6^5, 4^6, 3^5, 2^{13}\})$	10944
12	$\mathcal{O}(0; \{6^5, 4^6, 3^8, 2^9\})$	87360
12	$\mathcal{O}(0; \{6^5, 4^6, 3^{11}, 2^5\})$	699072
12	$\mathcal{O}(0; \{6^5, 4^6, 3^{14}, 2\})$	5592384
12	$\mathcal{O}(0; \{6^5, 4^8, 3^2, 2^{14}\})$	5376
12	$\mathcal{O}(0; \{6^5, 4^8, 3^5, 2^{10}\})$	43776
12	$\mathcal{O}(0; \{6^5, 4^8, 3^8, 2^6\})$	349440
12	$\mathcal{O}(0; \{6^5, 4^8, 3^{11}, 2^2\})$	2796288
12	$\mathcal{O}(0; \{6^5, 4^{10}, 3^2, 2^{11}\})$	21504
12	$\mathcal{O}(0; \{6^5, 4^{10}, 3^5, 2^7\})$	175104
12	$\mathcal{O}(0; \{6^5, 4^{10}, 3^8, 2^3\})$	1397760
12	$\mathcal{O}(0; \{6^5, 4^{12}, 3^2, 2^8\})$	86016
12	$\mathcal{O}(0; \{6^5, 4^{12}, 3^5, 2^4\})$	700416
12	$\mathcal{O}(0; \{6^5, 4^{12}, 3^8\})$	5591040
12	$\mathcal{O}(0; \{6^5, 4^{14}, 3^2, 2^5\})$	344064
12	$\mathcal{O}(0; \{6^5, 4^{14}, 3^5, 2\})$	2801664
12	$\mathcal{O}(0; \{6^5, 4^{16}, 3^2, 2^2\})$	1376256
12	$\mathcal{O}(0; \{6^6, 4^2, 2^{24}\})$	44
12	$\mathcal{O}(0; \{6^6, 4^2, 3^3, 2^{20}\})$	340
12	$\mathcal{O}(0; \{6^6, 4^2, 3^6, 2^{16}\})$	2732
12	$\mathcal{O}(0; \{6^6, 4^2, 3^9, 2^{12}\})$	21844
12	$\mathcal{O}(0; \{6^6, 4^2, 3^{12}, 2^8\})$	174764
12	$\mathcal{O}(0; \{6^6, 4^2, 3^{15}, 2^4\})$	1398100
12	$\mathcal{O}(0; \{6^6, 4^2, 3^{18}\})$	11184812
12	$\mathcal{O}(0; \{6^6, 4^4, 2^{21}\})$	176
12	$\mathcal{O}(0; \{6^6, 4^4, 3^3, 2^{17}\})$	1360
12	$\mathcal{O}(0; \{6^6, 4^4, 3^6, 2^{13}\})$	10928
12	$\mathcal{O}(0; \{6^6, 4^4, 3^9, 2^9\})$	87376
12	$\mathcal{O}(0; \{6^6, 4^4, 3^{12}, 2^5\})$	699056
12	$\mathcal{O}(0; \{6^6, 4^4, 3^{15}, 2\})$	5592400
12	$\mathcal{O}(0; \{6^6, 4^6, 2^{18}\})$	704
12	$\mathcal{O}(0; \{6^6, 4^6, 3^3, 2^{14}\})$	5440
12	$\mathcal{O}(0; \{6^6, 4^6, 3^6, 2^{10}\})$	43712
12	$\mathcal{O}(0; \{6^6, 4^6, 3^9, 2^6\})$	349504
12	$\mathcal{O}(0; \{6^6, 4^6, 3^{12}, 2^2\})$	2796224
12	$\mathcal{O}(0; \{6^6, 4^8, 2^{15}\})$	2816
12	$\mathcal{O}(0; \{6^6, 4^8, 3^3, 2^{11}\})$	21760
12	$\mathcal{O}(0; \{6^6, 4^8, 3^6, 2^7\})$	174848
12	$\mathcal{O}(0; \{6^6, 4^8, 3^9, 2^3\})$	1398016
12	$\mathcal{O}(0; \{6^6, 4^{10}, 2^{12}\})$	11264
12	$\mathcal{O}(0; \{6^6, 4^{10}, 3^3, 2^8\})$	87040
12	$\mathcal{O}(0; \{6^6, 4^{10}, 3^6, 2^4\})$	699392

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^6, 4^{10}, 3^9\})$	5592064
12	$\mathcal{O}(0; \{6^6, 4^{12}, 2^9\})$	45056
12	$\mathcal{O}(0; \{6^6, 4^{12}, 3^3, 2^5\})$	348160
12	$\mathcal{O}(0; \{6^6, 4^{12}, 3^6, 2\})$	2797568
12	$\mathcal{O}(0; \{6^6, 4^{14}, 2^6\})$	180224
12	$\mathcal{O}(0; \{6^6, 4^{14}, 3^3, 2^2\})$	1392640
12	$\mathcal{O}(0; \{6^6, 4^{16}, 2^3\})$	720896
12	$\mathcal{O}(0; \{6^6, 4^{18}\})$	2883584
12	$\mathcal{O}(0; \{6^7, 4^2, 3, 2^{21}\})$	172
12	$\mathcal{O}(0; \{6^7, 4^2, 3^4, 2^{17}\})$	1364
12	$\mathcal{O}(0; \{6^7, 4^2, 3^7, 2^{13}\})$	10924
12	$\mathcal{O}(0; \{6^7, 4^2, 3^{10}, 2^9\})$	87380
12	$\mathcal{O}(0; \{6^7, 4^2, 3^{13}, 2^5\})$	699052
12	$\mathcal{O}(0; \{6^7, 4^2, 3^{16}, 2\})$	5592404
12	$\mathcal{O}(0; \{6^7, 4^4, 3, 2^{18}\})$	688
12	$\mathcal{O}(0; \{6^7, 4^4, 3^4, 2^{14}\})$	5456
12	$\mathcal{O}(0; \{6^7, 4^4, 3^7, 2^{10}\})$	43696
12	$\mathcal{O}(0; \{6^7, 4^4, 3^{10}, 2^6\})$	349520
12	$\mathcal{O}(0; \{6^7, 4^4, 3^{13}, 2^2\})$	2796208
12	$\mathcal{O}(0; \{6^7, 4^6, 3, 2^{15}\})$	2752
12	$\mathcal{O}(0; \{6^7, 4^6, 3^4, 2^{11}\})$	21824
12	$\mathcal{O}(0; \{6^7, 4^6, 3^7, 2^7\})$	174784
12	$\mathcal{O}(0; \{6^7, 4^6, 3^{10}, 2^3\})$	1398080
12	$\mathcal{O}(0; \{6^7, 4^8, 3, 2^{12}\})$	11008
12	$\mathcal{O}(0; \{6^7, 4^8, 3^4, 2^8\})$	87296
12	$\mathcal{O}(0; \{6^7, 4^8, 3^7, 2^4\})$	699136
12	$\mathcal{O}(0; \{6^7, 4^8, 3^{10}\})$	5592320
12	$\mathcal{O}(0; \{6^7, 4^{10}, 3, 2^9\})$	44032
12	$\mathcal{O}(0; \{6^7, 4^{10}, 3^4, 2^5\})$	349184
12	$\mathcal{O}(0; \{6^7, 4^{10}, 3^7, 2\})$	2796544
12	$\mathcal{O}(0; \{6^7, 4^{12}, 3, 2^6\})$	176128
12	$\mathcal{O}(0; \{6^7, 4^{12}, 3^4, 2^2\})$	1396736
12	$\mathcal{O}(0; \{6^7, 4^{14}, 3, 2^3\})$	704512
12	$\mathcal{O}(0; \{6^7, 4^{16}, 3\})$	2818048
12	$\mathcal{O}(0; \{6^8, 4^2, 3^2, 2^{18}\})$	684
12	$\mathcal{O}(0; \{6^8, 4^2, 3^5, 2^{14}\})$	5460
12	$\mathcal{O}(0; \{6^8, 4^2, 3^8, 2^{10}\})$	43692
12	$\mathcal{O}(0; \{6^8, 4^2, 3^{11}, 2^6\})$	349524
12	$\mathcal{O}(0; \{6^8, 4^2, 3^{14}, 2^2\})$	2796204
12	$\mathcal{O}(0; \{6^8, 4^4, 3^2, 2^{15}\})$	2736
12	$\mathcal{O}(0; \{6^8, 4^4, 3^5, 2^{11}\})$	21840
12	$\mathcal{O}(0; \{6^8, 4^4, 3^8, 2^7\})$	174768
12	$\mathcal{O}(0; \{6^8, 4^4, 3^{11}, 2^3\})$	1398096

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^8, 4^6, 3^2, 2^{12}\})$	10944
12	$\mathcal{O}(0; \{6^8, 4^6, 3^5, 2^8\})$	87360
12	$\mathcal{O}(0; \{6^8, 4^6, 3^8, 2^4\})$	699072
12	$\mathcal{O}(0; \{6^8, 4^6, 3^{11}\})$	5592384
12	$\mathcal{O}(0; \{6^8, 4^8, 3^2, 2^9\})$	43776
12	$\mathcal{O}(0; \{6^8, 4^8, 3^5, 2^5\})$	349440
12	$\mathcal{O}(0; \{6^8, 4^8, 3^8, 2\})$	2796288
12	$\mathcal{O}(0; \{6^8, 4^{10}, 3^2, 2^6\})$	175104
12	$\mathcal{O}(0; \{6^8, 4^{10}, 3^5, 2^2\})$	1397760
12	$\mathcal{O}(0; \{6^8, 4^{12}, 3^2, 2^3\})$	700416
12	$\mathcal{O}(0; \{6^8, 4^{14}, 3^2\})$	2801664
12	$\mathcal{O}(0; \{6^9, 4^2, 2^{19}\})$	340
12	$\mathcal{O}(0; \{6^9, 4^2, 3^3, 2^{15}\})$	2732
12	$\mathcal{O}(0; \{6^9, 4^2, 3^6, 2^{11}\})$	21844
12	$\mathcal{O}(0; \{6^9, 4^2, 3^9, 2^7\})$	174764
12	$\mathcal{O}(0; \{6^9, 4^2, 3^{12}, 2^3\})$	1398100
12	$\mathcal{O}(0; \{6^9, 4^4, 2^{16}\})$	1360
12	$\mathcal{O}(0; \{6^9, 4^4, 3^3, 2^{12}\})$	10928
12	$\mathcal{O}(0; \{6^9, 4^4, 3^6, 2^8\})$	87376
12	$\mathcal{O}(0; \{6^9, 4^4, 3^9, 2^4\})$	699056
12	$\mathcal{O}(0; \{6^9, 4^4, 3^{12}\})$	5592400
12	$\mathcal{O}(0; \{6^9, 4^6, 2^{13}\})$	5440
12	$\mathcal{O}(0; \{6^9, 4^6, 3^3, 2^9\})$	43712
12	$\mathcal{O}(0; \{6^9, 4^6, 3^6, 2^5\})$	349504
12	$\mathcal{O}(0; \{6^9, 4^6, 3^9, 2\})$	2796224
12	$\mathcal{O}(0; \{6^9, 4^8, 2^{10}\})$	21760
12	$\mathcal{O}(0; \{6^9, 4^8, 3^3, 2^6\})$	174848
12	$\mathcal{O}(0; \{6^9, 4^8, 3^6, 2^2\})$	1398016
12	$\mathcal{O}(0; \{6^9, 4^{10}, 2^7\})$	87040
12	$\mathcal{O}(0; \{6^9, 4^{10}, 3^3, 2^3\})$	699392
12	$\mathcal{O}(0; \{6^9, 4^{12}, 2^4\})$	348160
12	$\mathcal{O}(0; \{6^9, 4^{12}, 3^3\})$	2797568
12	$\mathcal{O}(0; \{6^9, 4^{14}, 2\})$	1392640
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3, 2^{16}\})$	1364
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^4, 2^{12}\})$	10924
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^7, 2^8\})$	87380
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^{10}, 2^4\})$	699052
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^{13}\})$	5592404
12	$\mathcal{O}(0; \{6^{10}, 4^4, 3, 2^{13}\})$	5456
12	$\mathcal{O}(0; \{6^{10}, 4^4, 3^4, 2^9\})$	43696
12	$\mathcal{O}(0; \{6^{10}, 4^4, 3^7, 2^5\})$	349520
12	$\mathcal{O}(0; \{6^{10}, 4^4, 3^{10}, 2\})$	2796208
12	$\mathcal{O}(0; \{6^{10}, 4^6, 3, 2^{10}\})$	21824

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_{\mathcal{O}}(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^{10}, 4^6, 3^4, 2^6\})$	174784
12	$\mathcal{O}(0; \{6^{10}, 4^6, 3^7, 2^2\})$	1398080
12	$\mathcal{O}(0; \{6^{10}, 4^8, 3, 2^7\})$	87296
12	$\mathcal{O}(0; \{6^{10}, 4^8, 3^4, 2^3\})$	699136
12	$\mathcal{O}(0; \{6^{10}, 4^{10}, 3, 2^4\})$	349184
12	$\mathcal{O}(0; \{6^{10}, 4^{10}, 3^4\})$	2796544
12	$\mathcal{O}(0; \{6^{10}, 4^{12}, 3, 2\})$	1396736
12	$\mathcal{O}(0; \{6^{11}, 4^2, 3^2, 2^{13}\})$	5460
12	$\mathcal{O}(0; \{6^{11}, 4^2, 3^5, 2^9\})$	43692
12	$\mathcal{O}(0; \{6^{11}, 4^2, 3^8, 2^5\})$	349524
12	$\mathcal{O}(0; \{6^{11}, 4^2, 3^{11}, 2\})$	2796204
12	$\mathcal{O}(0; \{6^{11}, 4^4, 3^2, 2^{10}\})$	21840
12	$\mathcal{O}(0; \{6^{11}, 4^4, 3^5, 2^6\})$	174768
12	$\mathcal{O}(0; \{6^{11}, 4^4, 3^8, 2^2\})$	1398096
12	$\mathcal{O}(0; \{6^{11}, 4^6, 3^2, 2^7\})$	87360
12	$\mathcal{O}(0; \{6^{11}, 4^6, 3^5, 2^3\})$	699072
12	$\mathcal{O}(0; \{6^{11}, 4^8, 3^2, 2^4\})$	349440
12	$\mathcal{O}(0; \{6^{11}, 4^8, 3^5\})$	2796288
12	$\mathcal{O}(0; \{6^{11}, 4^{10}, 3^2, 2\})$	1397760
12	$\mathcal{O}(0; \{6^{12}, 4^2, 2^{14}\})$	2732
12	$\mathcal{O}(0; \{6^{12}, 4^2, 3^3, 2^{10}\})$	21844
12	$\mathcal{O}(0; \{6^{12}, 4^2, 3^6, 2^6\})$	174764
12	$\mathcal{O}(0; \{6^{12}, 4^2, 3^9, 2^2\})$	1398100
12	$\mathcal{O}(0; \{6^{12}, 4^4, 2^{11}\})$	10928
12	$\mathcal{O}(0; \{6^{12}, 4^4, 3^3, 2^7\})$	87376
12	$\mathcal{O}(0; \{6^{12}, 4^4, 3^6, 2^3\})$	699056
12	$\mathcal{O}(0; \{6^{12}, 4^6, 2^8\})$	43712
12	$\mathcal{O}(0; \{6^{12}, 4^6, 3^3, 2^4\})$	349504
12	$\mathcal{O}(0; \{6^{12}, 4^6, 3^6\})$	2796224
12	$\mathcal{O}(0; \{6^{12}, 4^8, 2^5\})$	174848
12	$\mathcal{O}(0; \{6^{12}, 4^8, 3^3, 2\})$	1398016
12	$\mathcal{O}(0; \{6^{12}, 4^{10}, 2^2\})$	699392
12	$\mathcal{O}(0; \{6^{13}, 4^2, 3, 2^{11}\})$	10924
12	$\mathcal{O}(0; \{6^{13}, 4^2, 3^4, 2^7\})$	87380
12	$\mathcal{O}(0; \{6^{13}, 4^2, 3^7, 2^3\})$	699052
12	$\mathcal{O}(0; \{6^{13}, 4^4, 3, 2^8\})$	43696
12	$\mathcal{O}(0; \{6^{13}, 4^4, 3^4, 2^4\})$	349520
12	$\mathcal{O}(0; \{6^{13}, 4^4, 3^7\})$	2796208
12	$\mathcal{O}(0; \{6^{13}, 4^6, 3, 2^5\})$	174784
12	$\mathcal{O}(0; \{6^{13}, 4^6, 3^4, 2\})$	1398080
12	$\mathcal{O}(0; \{6^{13}, 4^8, 3, 2^2\})$	699136
12	$\mathcal{O}(0; \{6^{14}, 4^2, 3^2, 2^8\})$	43692
12	$\mathcal{O}(0; \{6^{14}, 4^2, 3^5, 2^4\})$	349524

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^{14}, 4^2, 3^8\})$	2796204
12	$\mathcal{O}(0; \{6^{14}, 4^4, 3^2, 2^5\})$	174768
12	$\mathcal{O}(0; \{6^{14}, 4^4, 3^5, 2\})$	1398096
12	$\mathcal{O}(0; \{6^{14}, 4^6, 3^2, 2^2\})$	699072
12	$\mathcal{O}(0; \{6^{15}, 4^2, 2^9\})$	21844
12	$\mathcal{O}(0; \{6^{15}, 4^2, 3^3, 2^5\})$	174764
12	$\mathcal{O}(0; \{6^{15}, 4^2, 3^6, 2\})$	1398100
12	$\mathcal{O}(0; \{6^{15}, 4^4, 2^6\})$	87376
12	$\mathcal{O}(0; \{6^{15}, 4^4, 3^3, 2^2\})$	699056
12	$\mathcal{O}(0; \{6^{15}, 4^6, 2^3\})$	349504
12	$\mathcal{O}(0; \{6^{15}, 4^8\})$	1398016
12	$\mathcal{O}(0; \{6^{16}, 4^2, 3, 2^6\})$	87380
12	$\mathcal{O}(0; \{6^{16}, 4^2, 3^4, 2^2\})$	699052
12	$\mathcal{O}(0; \{6^{16}, 4^4, 3, 2^3\})$	349520
12	$\mathcal{O}(0; \{6^{16}, 4^6, 3\})$	1398080
12	$\mathcal{O}(0; \{6^{17}, 4^2, 3^2, 2^3\})$	349524
12	$\mathcal{O}(0; \{6^{17}, 4^4, 3^2\})$	1398096
12	$\mathcal{O}(0; \{6^{18}, 4^2, 2^4\})$	174764
12	$\mathcal{O}(0; \{6^{18}, 4^2, 3^3\})$	1398100
12	$\mathcal{O}(0; \{6^{18}, 4^4, 2\})$	699056
12	$\mathcal{O}(0; \{6^{19}, 4^2, 3, 2\})$	699052
12	$\mathcal{O}(0; \{12, 4, 3^2, 2^{31}\})$	4
12	$\mathcal{O}(0; \{12, 4, 3^5, 2^{27}\})$	44
12	$\mathcal{O}(0; \{12, 4, 3^8, 2^{23}\})$	340
12	$\mathcal{O}(0; \{12, 4, 3^{11}, 2^{19}\})$	2732
12	$\mathcal{O}(0; \{12, 4, 3^{14}, 2^{15}\})$	21844
12	$\mathcal{O}(0; \{12, 4, 3^{17}, 2^{11}\})$	174764
12	$\mathcal{O}(0; \{12, 4, 3^{20}, 2^7\})$	1398100
12	$\mathcal{O}(0; \{12, 4, 3^{23}, 2^3\})$	11184812
12	$\mathcal{O}(0; \{12, 4^3, 3^2, 2^{28}\})$	16
12	$\mathcal{O}(0; \{12, 4^3, 3^5, 2^{24}\})$	176
12	$\mathcal{O}(0; \{12, 4^3, 3^8, 2^{20}\})$	1360
12	$\mathcal{O}(0; \{12, 4^3, 3^{11}, 2^{16}\})$	10928
12	$\mathcal{O}(0; \{12, 4^3, 3^{14}, 2^{12}\})$	87376
12	$\mathcal{O}(0; \{12, 4^3, 3^{17}, 2^8\})$	699056
12	$\mathcal{O}(0; \{12, 4^3, 3^{20}, 2^4\})$	5592400
12	$\mathcal{O}(0; \{12, 4^3, 3^{23}\})$	44739248
12	$\mathcal{O}(0; \{12, 4^5, 3^2, 2^{25}\})$	64
12	$\mathcal{O}(0; \{12, 4^5, 3^5, 2^{21}\})$	704
12	$\mathcal{O}(0; \{12, 4^5, 3^8, 2^{17}\})$	5440
12	$\mathcal{O}(0; \{12, 4^5, 3^{11}, 2^{13}\})$	43712
12	$\mathcal{O}(0; \{12, 4^5, 3^{14}, 2^9\})$	349504
12	$\mathcal{O}(0; \{12, 4^5, 3^{17}, 2^5\})$	2796224

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 4^5, 3^{20}, 2\})$	22369600
12	$\mathcal{O}(0; \{12, 4^7, 3^2, 2^{22}\})$	256
12	$\mathcal{O}(0; \{12, 4^7, 3^5, 2^{18}\})$	2816
12	$\mathcal{O}(0; \{12, 4^7, 3^8, 2^{14}\})$	21760
12	$\mathcal{O}(0; \{12, 4^7, 3^{11}, 2^{10}\})$	174848
12	$\mathcal{O}(0; \{12, 4^7, 3^{14}, 2^6\})$	1398016
12	$\mathcal{O}(0; \{12, 4^7, 3^{17}, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12, 4^9, 3^2, 2^{19}\})$	1024
12	$\mathcal{O}(0; \{12, 4^9, 3^5, 2^{15}\})$	11264
12	$\mathcal{O}(0; \{12, 4^9, 3^8, 2^{11}\})$	87040
12	$\mathcal{O}(0; \{12, 4^9, 3^{11}, 2^7\})$	699392
12	$\mathcal{O}(0; \{12, 4^9, 3^{14}, 2^3\})$	5592064
12	$\mathcal{O}(0; \{12, 4^{11}, 3^2, 2^{16}\})$	4096
12	$\mathcal{O}(0; \{12, 4^{11}, 3^5, 2^{12}\})$	45056
12	$\mathcal{O}(0; \{12, 4^{11}, 3^8, 2^8\})$	348160
12	$\mathcal{O}(0; \{12, 4^{11}, 3^{11}, 2^4\})$	2797568
12	$\mathcal{O}(0; \{12, 4^{11}, 3^{14}\})$	22368256
12	$\mathcal{O}(0; \{12, 4^{13}, 3^2, 2^{13}\})$	16384
12	$\mathcal{O}(0; \{12, 4^{13}, 3^5, 2^9\})$	180224
12	$\mathcal{O}(0; \{12, 4^{13}, 3^8, 2^5\})$	1392640
12	$\mathcal{O}(0; \{12, 4^{13}, 3^{11}, 2\})$	11190272
12	$\mathcal{O}(0; \{12, 4^{15}, 3^2, 2^{10}\})$	65536
12	$\mathcal{O}(0; \{12, 4^{15}, 3^5, 2^6\})$	720896
12	$\mathcal{O}(0; \{12, 4^{15}, 3^8, 2^2\})$	5570560
12	$\mathcal{O}(0; \{12, 4^{17}, 3^2, 2^7\})$	262144
12	$\mathcal{O}(0; \{12, 4^{17}, 3^5, 2^3\})$	2883584
12	$\mathcal{O}(0; \{12, 4^{19}, 3^2, 2^4\})$	1048576
12	$\mathcal{O}(0; \{12, 4^{19}, 3^5\})$	11534336
12	$\mathcal{O}(0; \{12, 4^{21}, 3^2, 2\})$	4194304
12	$\mathcal{O}(0; \{12, 6, 4, 2^{32}\})$	4
12	$\mathcal{O}(0; \{12, 6, 4, 3^3, 2^{28}\})$	20
12	$\mathcal{O}(0; \{12, 6, 4, 3^6, 2^{24}\})$	172
12	$\mathcal{O}(0; \{12, 6, 4, 3^9, 2^{20}\})$	1364
12	$\mathcal{O}(0; \{12, 6, 4, 3^{12}, 2^{16}\})$	10924
12	$\mathcal{O}(0; \{12, 6, 4, 3^{15}, 2^{12}\})$	87380
12	$\mathcal{O}(0; \{12, 6, 4, 3^{18}, 2^8\})$	699052
12	$\mathcal{O}(0; \{12, 6, 4, 3^{21}, 2^4\})$	5592404
12	$\mathcal{O}(0; \{12, 6, 4, 3^{24}\})$	44739244
12	$\mathcal{O}(0; \{12, 6, 4^3, 2^{29}\})$	16
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^3, 2^{25}\})$	80
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^6, 2^{21}\})$	688
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^9, 2^{17}\})$	5456
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{12}, 2^{13}\})$	43696

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{15}, 2^9\})$	349520
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{18}, 2^5\})$	2796208
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{21}, 2\})$	22369616
12	$\mathcal{O}(0; \{12, 6, 4^5, 2^{26}\})$	64
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^3, 2^{22}\})$	320
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^6, 2^{18}\})$	2752
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^9, 2^{14}\})$	21824
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^{12}, 2^{10}\})$	174784
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^{15}, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^{18}, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12, 6, 4^7, 2^{23}\})$	256
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^3, 2^{19}\})$	1280
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^6, 2^{15}\})$	11008
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^9, 2^{11}\})$	87296
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^{12}, 2^7\})$	699136
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^{15}, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12, 6, 4^9, 2^{20}\})$	1024
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^3, 2^{16}\})$	5120
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^6, 2^{12}\})$	44032
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^9, 2^8\})$	349184
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^{12}, 2^4\})$	2796544
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^{15}\})$	22369280
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 2^{17}\})$	4096
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3^3, 2^{13}\})$	20480
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3^6, 2^9\})$	176128
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3^9, 2^5\})$	1396736
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3^{12}, 2\})$	11186176
12	$\mathcal{O}(0; \{12, 6, 4^{13}, 2^{14}\})$	16384
12	$\mathcal{O}(0; \{12, 6, 4^{13}, 3^3, 2^{10}\})$	81920
12	$\mathcal{O}(0; \{12, 6, 4^{13}, 3^6, 2^6\})$	704512
12	$\mathcal{O}(0; \{12, 6, 4^{13}, 3^9, 2^2\})$	5586944
12	$\mathcal{O}(0; \{12, 6, 4^{15}, 2^{11}\})$	65536
12	$\mathcal{O}(0; \{12, 6, 4^{15}, 3^3, 2^7\})$	327680
12	$\mathcal{O}(0; \{12, 6, 4^{15}, 3^6, 2^3\})$	2818048
12	$\mathcal{O}(0; \{12, 6, 4^{17}, 2^8\})$	262144
12	$\mathcal{O}(0; \{12, 6, 4^{17}, 3^3, 2^4\})$	1310720
12	$\mathcal{O}(0; \{12, 6, 4^{17}, 3^6\})$	11272192
12	$\mathcal{O}(0; \{12, 6, 4^{19}, 2^5\})$	1048576
12	$\mathcal{O}(0; \{12, 6, 4^{19}, 3^3, 2\})$	5242880
12	$\mathcal{O}(0; \{12, 6, 4^{21}, 2^2\})$	4194304
12	$\mathcal{O}(0; \{12, 6^2, 4, 3, 2^{29}\})$	12
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^4, 2^{25}\})$	84
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^7, 2^{21}\})$	684

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{10}, 2^{17}\})$	5460
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{13}, 2^{13}\})$	43692
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{16}, 2^9\})$	349524
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{19}, 2^5\})$	2796204
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{22}, 2\})$	22369620
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3, 2^{26}\})$	48
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^4, 2^{22}\})$	336
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^7, 2^{18}\})$	2736
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^{10}, 2^{14}\})$	21840
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^{13}, 2^{10}\})$	174768
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^{16}, 2^6\})$	1398096
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^{19}, 2^2\})$	11184816
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3, 2^{23}\})$	192
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^4, 2^{19}\})$	1344
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^7, 2^{15}\})$	10944
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^{10}, 2^{11}\})$	87360
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^{13}, 2^7\})$	699072
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^{16}, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3, 2^{20}\})$	768
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^4, 2^{16}\})$	5376
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^7, 2^{12}\})$	43776
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^{10}, 2^8\})$	349440
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^{13}, 2^4\})$	2796288
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^{16}\})$	22369536
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3, 2^{17}\})$	3072
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^4, 2^{13}\})$	21504
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^7, 2^9\})$	175104
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^{10}, 2^5\})$	1397760
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^{13}, 2\})$	11185152
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 3, 2^{14}\})$	12288
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 3^4, 2^{10}\})$	86016
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 3^7, 2^6\})$	700416
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 3^{10}, 2^2\})$	5591040
12	$\mathcal{O}(0; \{12, 6^2, 4^{13}, 3, 2^{11}\})$	49152
12	$\mathcal{O}(0; \{12, 6^2, 4^{13}, 3^4, 2^7\})$	344064
12	$\mathcal{O}(0; \{12, 6^2, 4^{13}, 3^7, 2^3\})$	2801664
12	$\mathcal{O}(0; \{12, 6^2, 4^{15}, 3, 2^8\})$	196608
12	$\mathcal{O}(0; \{12, 6^2, 4^{15}, 3^4, 2^4\})$	1376256
12	$\mathcal{O}(0; \{12, 6^2, 4^{15}, 3^7\})$	11206656
12	$\mathcal{O}(0; \{12, 6^2, 4^{17}, 3, 2^5\})$	786432
12	$\mathcal{O}(0; \{12, 6^2, 4^{17}, 3^4, 2\})$	5505024
12	$\mathcal{O}(0; \{12, 6^2, 4^{19}, 3, 2^2\})$	3145728
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^2, 2^{26}\})$	44

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^5, 2^{22}\})$	340
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^8, 2^{18}\})$	2732
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{11}, 2^{14}\})$	21844
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{14}, 2^{10}\})$	174764
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{17}, 2^6\})$	1398100
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{20}, 2^2\})$	11184812
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^2, 2^{23}\})$	176
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^5, 2^{19}\})$	1360
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^8, 2^{15}\})$	10928
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^{11}, 2^{11}\})$	87376
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^{14}, 2^7\})$	699056
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^{17}, 2^3\})$	5592400
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^2, 2^{20}\})$	704
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^5, 2^{16}\})$	5440
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^8, 2^{12}\})$	43712
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^{11}, 2^8\})$	349504
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^{14}, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^{17}\})$	22369600
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^2, 2^{17}\})$	2816
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^5, 2^{13}\})$	21760
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^8, 2^9\})$	174848
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^{11}, 2^5\})$	1398016
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^{14}, 2\})$	11184896
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3^2, 2^{14}\})$	11264
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3^5, 2^{10}\})$	87040
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3^8, 2^6\})$	699392
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3^{11}, 2^2\})$	5592064
12	$\mathcal{O}(0; \{12, 6^3, 4^{11}, 3^2, 2^{11}\})$	45056
12	$\mathcal{O}(0; \{12, 6^3, 4^{11}, 3^5, 2^7\})$	348160
12	$\mathcal{O}(0; \{12, 6^3, 4^{11}, 3^8, 2^3\})$	2797568
12	$\mathcal{O}(0; \{12, 6^3, 4^{13}, 3^2, 2^8\})$	180224
12	$\mathcal{O}(0; \{12, 6^3, 4^{13}, 3^5, 2^4\})$	1392640
12	$\mathcal{O}(0; \{12, 6^3, 4^{13}, 3^8\})$	11190272
12	$\mathcal{O}(0; \{12, 6^3, 4^{15}, 3^2, 2^5\})$	720896
12	$\mathcal{O}(0; \{12, 6^3, 4^{15}, 3^5, 2\})$	5570560
12	$\mathcal{O}(0; \{12, 6^3, 4^{17}, 3^2, 2^2\})$	2883584
12	$\mathcal{O}(0; \{12, 6^4, 4, 2^{27}\})$	20
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^3, 2^{23}\})$	172
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^6, 2^{19}\})$	1364
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^9, 2^{15}\})$	10924
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^{12}, 2^{11}\})$	87380
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^{15}, 2^7\})$	699052
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^{18}, 2^3\})$	5592404

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 2^{24}\})$	80
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^3, 2^{20}\})$	688
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^6, 2^{16}\})$	5456
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^9, 2^{12}\})$	43696
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^{12}, 2^8\})$	349520
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^{15}, 2^4\})$	2796208
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^{18}\})$	22369616
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 2^{21}\})$	320
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^3, 2^{17}\})$	2752
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^6, 2^{13}\})$	21824
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^9, 2^9\})$	174784
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^{12}, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^{15}, 2\})$	11184832
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 2^{18}\})$	1280
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^3, 2^{14}\})$	11008
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^6, 2^{10}\})$	87296
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^9, 2^6\})$	699136
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^{12}, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 2^{15}\})$	5120
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 3^3, 2^{11}\})$	44032
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 3^6, 2^7\})$	349184
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 3^9, 2^3\})$	2796544
12	$\mathcal{O}(0; \{12, 6^4, 4^{11}, 2^{12}\})$	20480
12	$\mathcal{O}(0; \{12, 6^4, 4^{11}, 3^3, 2^8\})$	176128
12	$\mathcal{O}(0; \{12, 6^4, 4^{11}, 3^6, 2^4\})$	1396736
12	$\mathcal{O}(0; \{12, 6^4, 4^{11}, 3^9\})$	11186176
12	$\mathcal{O}(0; \{12, 6^4, 4^{13}, 2^9\})$	81920
12	$\mathcal{O}(0; \{12, 6^4, 4^{13}, 3^3, 2^5\})$	704512
12	$\mathcal{O}(0; \{12, 6^4, 4^{13}, 3^6, 2\})$	5586944
12	$\mathcal{O}(0; \{12, 6^4, 4^{15}, 2^6\})$	327680
12	$\mathcal{O}(0; \{12, 6^4, 4^{15}, 3^3, 2^2\})$	2818048
12	$\mathcal{O}(0; \{12, 6^4, 4^{17}, 2^3\})$	1310720
12	$\mathcal{O}(0; \{12, 6^4, 4^{19}\})$	5242880
12	$\mathcal{O}(0; \{12, 6^5, 4, 3, 2^{24}\})$	84
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^4, 2^{20}\})$	684
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^7, 2^{16}\})$	5460
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^{10}, 2^{12}\})$	43692
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^{13}, 2^8\})$	349524
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^{16}, 2^4\})$	2796204
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^{19}\})$	22369620
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3, 2^{21}\})$	336
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^4, 2^{17}\})$	2736
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^7, 2^{13}\})$	21840

Continued on next page

Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^{10}, 2^9\})$	174768
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^{13}, 2^5\})$	1398096
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^{16}, 2\})$	11184816
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3, 2^{18}\})$	1344
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^4, 2^{14}\})$	10944
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^7, 2^{10}\})$	87360
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^{10}, 2^6\})$	699072
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^{13}, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3, 2^{15}\})$	5376
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3^4, 2^{11}\})$	43776
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3^7, 2^7\})$	349440
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3^{10}, 2^3\})$	2796288
12	$\mathcal{O}(0; \{12, 6^5, 4^9, 3, 2^{12}\})$	21504
12	$\mathcal{O}(0; \{12, 6^5, 4^9, 3^4, 2^8\})$	175104
12	$\mathcal{O}(0; \{12, 6^5, 4^9, 3^7, 2^4\})$	1397760
12	$\mathcal{O}(0; \{12, 6^5, 4^9, 3^{10}\})$	11185152
12	$\mathcal{O}(0; \{12, 6^5, 4^{11}, 3, 2^9\})$	86016
12	$\mathcal{O}(0; \{12, 6^5, 4^{11}, 3^4, 2^5\})$	700416
12	$\mathcal{O}(0; \{12, 6^5, 4^{11}, 3^7, 2\})$	5591040
12	$\mathcal{O}(0; \{12, 6^5, 4^{13}, 3, 2^6\})$	344064
12	$\mathcal{O}(0; \{12, 6^5, 4^{13}, 3^4, 2^2\})$	2801664
12	$\mathcal{O}(0; \{12, 6^5, 4^{15}, 3, 2^3\})$	1376256
12	$\mathcal{O}(0; \{12, 6^5, 4^{17}, 3\})$	5505024
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^2, 2^{21}\})$	340
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^5, 2^{17}\})$	2732
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^8, 2^{13}\})$	21844
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^{11}, 2^9\})$	174764
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^{14}, 2^5\})$	1398100
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^{17}, 2\})$	11184812
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^2, 2^{18}\})$	1360
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^5, 2^{14}\})$	10928
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^8, 2^{10}\})$	87376
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^{11}, 2^6\})$	699056
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^{14}, 2^2\})$	5592400
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^2, 2^{15}\})$	5440
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^5, 2^{11}\})$	43712
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^8, 2^7\})$	349504
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^{11}, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 3^2, 2^{12}\})$	21760
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 3^5, 2^8\})$	174848
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 3^8, 2^4\})$	1398016
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 3^{11}\})$	11184896
12	$\mathcal{O}(0; \{12, 6^6, 4^9, 3^2, 2^9\})$	87040

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^6, 4^9, 3^5, 2^5\})$	699392
12	$\mathcal{O}(0; \{12, 6^6, 4^9, 3^8, 2\})$	5592064
12	$\mathcal{O}(0; \{12, 6^6, 4^{11}, 3^2, 2^6\})$	348160
12	$\mathcal{O}(0; \{12, 6^6, 4^{11}, 3^5, 2^2\})$	2797568
12	$\mathcal{O}(0; \{12, 6^6, 4^{13}, 3^2, 2^3\})$	1392640
12	$\mathcal{O}(0; \{12, 6^6, 4^{15}, 3^2\})$	5570560
12	$\mathcal{O}(0; \{12, 6^7, 4, 2^{22}\})$	172
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^3, 2^{18}\})$	1364
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^6, 2^{14}\})$	10924
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^9, 2^{10}\})$	87380
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^{12}, 2^6\})$	699052
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^{15}, 2^2\})$	5592404
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 2^{19}\})$	688
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^3, 2^{15}\})$	5456
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^6, 2^{11}\})$	43696
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^9, 2^7\})$	349520
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^{12}, 2^3\})$	2796208
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 2^{16}\})$	2752
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3^3, 2^{12}\})$	21824
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3^6, 2^8\})$	174784
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3^9, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3^{12}\})$	11184832
12	$\mathcal{O}(0; \{12, 6^7, 4^7, 2^{13}\})$	11008
12	$\mathcal{O}(0; \{12, 6^7, 4^7, 3^3, 2^9\})$	87296
12	$\mathcal{O}(0; \{12, 6^7, 4^7, 3^6, 2^5\})$	699136
12	$\mathcal{O}(0; \{12, 6^7, 4^7, 3^9, 2\})$	5592320
12	$\mathcal{O}(0; \{12, 6^7, 4^9, 2^{10}\})$	44032
12	$\mathcal{O}(0; \{12, 6^7, 4^9, 3^3, 2^6\})$	349184
12	$\mathcal{O}(0; \{12, 6^7, 4^9, 3^6, 2^2\})$	2796544
12	$\mathcal{O}(0; \{12, 6^7, 4^{11}, 2^7\})$	176128
12	$\mathcal{O}(0; \{12, 6^7, 4^{11}, 3^3, 2^3\})$	1396736
12	$\mathcal{O}(0; \{12, 6^7, 4^{13}, 2^4\})$	704512
12	$\mathcal{O}(0; \{12, 6^7, 4^{13}, 3^3\})$	5586944
12	$\mathcal{O}(0; \{12, 6^7, 4^{15}, 2\})$	2818048
12	$\mathcal{O}(0; \{12, 6^8, 4, 3, 2^{19}\})$	684
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^4, 2^{15}\})$	5460
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^7, 2^{11}\})$	43692
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^{10}, 2^7\})$	349524
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^{13}, 2^3\})$	2796204
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3, 2^{16}\})$	2736
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^4, 2^{12}\})$	21840
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^7, 2^8\})$	174768
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^{10}, 2^4\})$	1398096

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^{13}\})$	11184816
12	$\mathcal{O}(0; \{12, 6^8, 4^5, 3, 2^{13}\})$	10944
12	$\mathcal{O}(0; \{12, 6^8, 4^5, 3^4, 2^9\})$	87360
12	$\mathcal{O}(0; \{12, 6^8, 4^5, 3^7, 2^5\})$	699072
12	$\mathcal{O}(0; \{12, 6^8, 4^5, 3^{10}, 2\})$	5592384
12	$\mathcal{O}(0; \{12, 6^8, 4^7, 3, 2^{10}\})$	43776
12	$\mathcal{O}(0; \{12, 6^8, 4^7, 3^4, 2^6\})$	349440
12	$\mathcal{O}(0; \{12, 6^8, 4^7, 3^7, 2^2\})$	2796288
12	$\mathcal{O}(0; \{12, 6^8, 4^9, 3, 2^7\})$	175104
12	$\mathcal{O}(0; \{12, 6^8, 4^9, 3^4, 2^3\})$	1397760
12	$\mathcal{O}(0; \{12, 6^8, 4^{11}, 3, 2^4\})$	700416
12	$\mathcal{O}(0; \{12, 6^8, 4^{11}, 3^4\})$	5591040
12	$\mathcal{O}(0; \{12, 6^8, 4^{13}, 3, 2\})$	2801664
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^2, 2^{16}\})$	2732
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^5, 2^{12}\})$	21844
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^8, 2^8\})$	174764
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^{11}, 2^4\})$	1398100
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^{14}\})$	11184812
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 3^2, 2^{13}\})$	10928
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 3^5, 2^9\})$	87376
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 3^8, 2^5\})$	699056
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 3^{11}, 2\})$	5592400
12	$\mathcal{O}(0; \{12, 6^9, 4^5, 3^2, 2^{10}\})$	43712
12	$\mathcal{O}(0; \{12, 6^9, 4^5, 3^5, 2^6\})$	349504
12	$\mathcal{O}(0; \{12, 6^9, 4^5, 3^8, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12, 6^9, 4^7, 3^2, 2^7\})$	174848
12	$\mathcal{O}(0; \{12, 6^9, 4^7, 3^5, 2^3\})$	1398016
12	$\mathcal{O}(0; \{12, 6^9, 4^9, 3^2, 2^4\})$	699392
12	$\mathcal{O}(0; \{12, 6^9, 4^9, 3^5\})$	5592064
12	$\mathcal{O}(0; \{12, 6^9, 4^{11}, 3^2, 2\})$	2797568
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 2^{17}\})$	1364
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3^3, 2^{13}\})$	10924
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3^6, 2^9\})$	87380
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3^9, 2^5\})$	699052
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3^{12}, 2\})$	5592404
12	$\mathcal{O}(0; \{12, 6^{10}, 4^3, 2^{14}\})$	5456
12	$\mathcal{O}(0; \{12, 6^{10}, 4^3, 3^3, 2^{10}\})$	43696
12	$\mathcal{O}(0; \{12, 6^{10}, 4^3, 3^6, 2^6\})$	349520
12	$\mathcal{O}(0; \{12, 6^{10}, 4^3, 3^9, 2^2\})$	2796208
12	$\mathcal{O}(0; \{12, 6^{10}, 4^5, 2^{11}\})$	21824
12	$\mathcal{O}(0; \{12, 6^{10}, 4^5, 3^3, 2^7\})$	174784
12	$\mathcal{O}(0; \{12, 6^{10}, 4^5, 3^6, 2^3\})$	1398080
12	$\mathcal{O}(0; \{12, 6^{10}, 4^7, 2^8\})$	87296

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^{10}, 4^7, 3^3, 2^4\})$	699136
12	$\mathcal{O}(0; \{12, 6^{10}, 4^7, 3^6\})$	5592320
12	$\mathcal{O}(0; \{12, 6^{10}, 4^9, 2^5\})$	349184
12	$\mathcal{O}(0; \{12, 6^{10}, 4^9, 3^3, 2\})$	2796544
12	$\mathcal{O}(0; \{12, 6^{10}, 4^{11}, 2^2\})$	1396736
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 3, 2^{14}\})$	5460
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 3^4, 2^{10}\})$	43692
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 3^7, 2^6\})$	349524
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 3^{10}, 2^2\})$	2796204
12	$\mathcal{O}(0; \{12, 6^{11}, 4^3, 3, 2^{11}\})$	21840
12	$\mathcal{O}(0; \{12, 6^{11}, 4^3, 3^4, 2^7\})$	174768
12	$\mathcal{O}(0; \{12, 6^{11}, 4^3, 3^7, 2^3\})$	1398096
12	$\mathcal{O}(0; \{12, 6^{11}, 4^5, 3, 2^8\})$	87360
12	$\mathcal{O}(0; \{12, 6^{11}, 4^5, 3^4, 2^4\})$	699072
12	$\mathcal{O}(0; \{12, 6^{11}, 4^5, 3^7\})$	5592384
12	$\mathcal{O}(0; \{12, 6^{11}, 4^7, 3, 2^5\})$	349440
12	$\mathcal{O}(0; \{12, 6^{11}, 4^7, 3^4, 2\})$	2796288
12	$\mathcal{O}(0; \{12, 6^{11}, 4^9, 3, 2^2\})$	1397760
12	$\mathcal{O}(0; \{12, 6^{12}, 4, 3^2, 2^{11}\})$	21844
12	$\mathcal{O}(0; \{12, 6^{12}, 4, 3^5, 2^7\})$	174764
12	$\mathcal{O}(0; \{12, 6^{12}, 4, 3^8, 2^3\})$	1398100
12	$\mathcal{O}(0; \{12, 6^{12}, 4^3, 3^2, 2^8\})$	87376
12	$\mathcal{O}(0; \{12, 6^{12}, 4^3, 3^5, 2^4\})$	699056
12	$\mathcal{O}(0; \{12, 6^{12}, 4^3, 3^8\})$	5592400
12	$\mathcal{O}(0; \{12, 6^{12}, 4^5, 3^2, 2^5\})$	349504
12	$\mathcal{O}(0; \{12, 6^{12}, 4^5, 3^5, 2\})$	2796224
12	$\mathcal{O}(0; \{12, 6^{12}, 4^7, 3^2, 2^2\})$	1398016
12	$\mathcal{O}(0; \{12, 6^{13}, 4, 2^{12}\})$	10924
12	$\mathcal{O}(0; \{12, 6^{13}, 4, 3^3, 2^8\})$	87380
12	$\mathcal{O}(0; \{12, 6^{13}, 4, 3^6, 2^4\})$	699052
12	$\mathcal{O}(0; \{12, 6^{13}, 4, 3^9\})$	5592404
12	$\mathcal{O}(0; \{12, 6^{13}, 4^3, 2^9\})$	43696
12	$\mathcal{O}(0; \{12, 6^{13}, 4^3, 3^3, 2^5\})$	349520
12	$\mathcal{O}(0; \{12, 6^{13}, 4^3, 3^6, 2\})$	2796208
12	$\mathcal{O}(0; \{12, 6^{13}, 4^5, 2^6\})$	174784
12	$\mathcal{O}(0; \{12, 6^{13}, 4^5, 3^3, 2^2\})$	1398080
12	$\mathcal{O}(0; \{12, 6^{13}, 4^7, 2^3\})$	699136
12	$\mathcal{O}(0; \{12, 6^{13}, 4^9\})$	2796544
12	$\mathcal{O}(0; \{12, 6^{14}, 4, 3, 2^9\})$	43692
12	$\mathcal{O}(0; \{12, 6^{14}, 4, 3^4, 2^5\})$	349524
12	$\mathcal{O}(0; \{12, 6^{14}, 4, 3^7, 2\})$	2796204
12	$\mathcal{O}(0; \{12, 6^{14}, 4^3, 3, 2^6\})$	174768
12	$\mathcal{O}(0; \{12, 6^{14}, 4^3, 3^4, 2^2\})$	1398096

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^{14}, 4^5, 3, 2^3\})$	699072
12	$\mathcal{O}(0; \{12, 6^{14}, 4^7, 3\})$	2796288
12	$\mathcal{O}(0; \{12, 6^{15}, 4, 3^2, 2^6\})$	174764
12	$\mathcal{O}(0; \{12, 6^{15}, 4, 3^5, 2^2\})$	1398100
12	$\mathcal{O}(0; \{12, 6^{15}, 4^3, 3^2, 2^3\})$	699056
12	$\mathcal{O}(0; \{12, 6^{15}, 4^5, 3^2\})$	2796224
12	$\mathcal{O}(0; \{12, 6^{16}, 4, 2^7\})$	87380
12	$\mathcal{O}(0; \{12, 6^{16}, 4, 3^3, 2^3\})$	699052
12	$\mathcal{O}(0; \{12, 6^{16}, 4^3, 2^4\})$	349520
12	$\mathcal{O}(0; \{12, 6^{16}, 4^3, 3^3\})$	2796208
12	$\mathcal{O}(0; \{12, 6^{16}, 4^5, 2\})$	1398080
12	$\mathcal{O}(0; \{12, 6^{17}, 4, 3, 2^4\})$	349524
12	$\mathcal{O}(0; \{12, 6^{17}, 4, 3^4\})$	2796204
12	$\mathcal{O}(0; \{12, 6^{17}, 4^3, 3, 2\})$	1398096
12	$\mathcal{O}(0; \{12, 6^{18}, 4, 3^2, 2\})$	1398100
12	$\mathcal{O}(0; \{12, 6^{19}, 4, 2^2\})$	699052
12	$\mathcal{O}(0; \{12^2, 3, 2^{32}\})$	4
12	$\mathcal{O}(0; \{12^2, 3^4, 2^{28}\})$	44
12	$\mathcal{O}(0; \{12^2, 3^7, 2^{24}\})$	340
12	$\mathcal{O}(0; \{12^2, 3^{10}, 2^{20}\})$	2732
12	$\mathcal{O}(0; \{12^2, 3^{13}, 2^{16}\})$	21844
12	$\mathcal{O}(0; \{12^2, 3^{16}, 2^{12}\})$	174764
12	$\mathcal{O}(0; \{12^2, 3^{19}, 2^8\})$	1398100
12	$\mathcal{O}(0; \{12^2, 3^{22}, 2^4\})$	11184812
12	$\mathcal{O}(0; \{12^2, 3^{25}\})$	89478484
12	$\mathcal{O}(0; \{12^2, 4^2, 3, 2^{29}\})$	16
12	$\mathcal{O}(0; \{12^2, 4^2, 3^4, 2^{25}\})$	176
12	$\mathcal{O}(0; \{12^2, 4^2, 3^7, 2^{21}\})$	1360
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{10}, 2^{17}\})$	10928
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{13}, 2^{13}\})$	87376
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{16}, 2^9\})$	699056
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{19}, 2^5\})$	5592400
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{22}, 2\})$	44739248
12	$\mathcal{O}(0; \{12^2, 4^4, 3, 2^{26}\})$	64
12	$\mathcal{O}(0; \{12^2, 4^4, 3^4, 2^{22}\})$	704
12	$\mathcal{O}(0; \{12^2, 4^4, 3^7, 2^{18}\})$	5440
12	$\mathcal{O}(0; \{12^2, 4^4, 3^{10}, 2^{14}\})$	43712
12	$\mathcal{O}(0; \{12^2, 4^4, 3^{13}, 2^{10}\})$	349504
12	$\mathcal{O}(0; \{12^2, 4^4, 3^{16}, 2^6\})$	2796224
12	$\mathcal{O}(0; \{12^2, 4^4, 3^{19}, 2^2\})$	22369600
12	$\mathcal{O}(0; \{12^2, 4^6, 3, 2^{23}\})$	256
12	$\mathcal{O}(0; \{12^2, 4^6, 3^4, 2^{19}\})$	2816
12	$\mathcal{O}(0; \{12^2, 4^6, 3^7, 2^{15}\})$	21760

Continued on next page

Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 4^6, 3^{10}, 2^{11}\})$	174848
12	$\mathcal{O}(0; \{12^2, 4^6, 3^{13}, 2^7\})$	1398016
12	$\mathcal{O}(0; \{12^2, 4^6, 3^{16}, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^2, 4^8, 3, 2^{20}\})$	1024
12	$\mathcal{O}(0; \{12^2, 4^8, 3^4, 2^{16}\})$	11264
12	$\mathcal{O}(0; \{12^2, 4^8, 3^7, 2^{12}\})$	87040
12	$\mathcal{O}(0; \{12^2, 4^8, 3^{10}, 2^8\})$	699392
12	$\mathcal{O}(0; \{12^2, 4^8, 3^{13}, 2^4\})$	5592064
12	$\mathcal{O}(0; \{12^2, 4^8, 3^{16}\})$	44739584
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3, 2^{17}\})$	4096
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^4, 2^{13}\})$	45056
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^7, 2^9\})$	348160
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^{10}, 2^5\})$	2797568
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^{13}, 2\})$	22368256
12	$\mathcal{O}(0; \{12^2, 4^{12}, 3, 2^{14}\})$	16384
12	$\mathcal{O}(0; \{12^2, 4^{12}, 3^4, 2^{10}\})$	180224
12	$\mathcal{O}(0; \{12^2, 4^{12}, 3^7, 2^6\})$	1392640
12	$\mathcal{O}(0; \{12^2, 4^{12}, 3^{10}, 2^2\})$	11190272
12	$\mathcal{O}(0; \{12^2, 4^{14}, 3, 2^{11}\})$	65536
12	$\mathcal{O}(0; \{12^2, 4^{14}, 3^4, 2^7\})$	720896
12	$\mathcal{O}(0; \{12^2, 4^{14}, 3^7, 2^3\})$	5570560
12	$\mathcal{O}(0; \{12^2, 4^{16}, 3, 2^8\})$	262144
12	$\mathcal{O}(0; \{12^2, 4^{16}, 3^4, 2^4\})$	2883584
12	$\mathcal{O}(0; \{12^2, 4^{16}, 3^7\})$	22282240
12	$\mathcal{O}(0; \{12^2, 4^{18}, 3, 2^5\})$	1048576
12	$\mathcal{O}(0; \{12^2, 4^{18}, 3^4, 2\})$	11534336
12	$\mathcal{O}(0; \{12^2, 4^{20}, 3, 2^2\})$	4194304
12	$\mathcal{O}(0; \{12^2, 6, 3^2, 2^{29}\})$	20
12	$\mathcal{O}(0; \{12^2, 6, 3^5, 2^{25}\})$	172
12	$\mathcal{O}(0; \{12^2, 6, 3^8, 2^{21}\})$	1364
12	$\mathcal{O}(0; \{12^2, 6, 3^{11}, 2^{17}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6, 3^{14}, 2^{13}\})$	87380
12	$\mathcal{O}(0; \{12^2, 6, 3^{17}, 2^9\})$	699052
12	$\mathcal{O}(0; \{12^2, 6, 3^{20}, 2^5\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6, 3^{23}, 2\})$	44739244
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^2, 2^{26}\})$	80
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^5, 2^{22}\})$	688
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^8, 2^{18}\})$	5456
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{11}, 2^{14}\})$	43696
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{14}, 2^{10}\})$	349520
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{17}, 2^6\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{20}, 2^2\})$	22369616
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^2, 2^{23}\})$	320

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^5, 2^{19}\})$	2752
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^8, 2^{15}\})$	21824
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^{11}, 2^{11}\})$	174784
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^{14}, 2^7\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^{17}, 2^3\})$	11184832
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^2, 2^{20}\})$	1280
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^5, 2^{16}\})$	11008
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^8, 2^{12}\})$	87296
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^{11}, 2^8\})$	699136
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^{14}, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^{17}\})$	44739328
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^2, 2^{17}\})$	5120
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^5, 2^{13}\})$	44032
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^8, 2^9\})$	349184
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^{11}, 2^5\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^{14}, 2\})$	22369280
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3^2, 2^{14}\})$	20480
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3^5, 2^{10}\})$	176128
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3^8, 2^6\})$	1396736
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3^{11}, 2^2\})$	11186176
12	$\mathcal{O}(0; \{12^2, 6, 4^{12}, 3^2, 2^{11}\})$	81920
12	$\mathcal{O}(0; \{12^2, 6, 4^{12}, 3^5, 2^7\})$	704512
12	$\mathcal{O}(0; \{12^2, 6, 4^{12}, 3^8, 2^3\})$	5586944
12	$\mathcal{O}(0; \{12^2, 6, 4^{14}, 3^2, 2^8\})$	327680
12	$\mathcal{O}(0; \{12^2, 6, 4^{14}, 3^5, 2^4\})$	2818048
12	$\mathcal{O}(0; \{12^2, 6, 4^{14}, 3^8\})$	22347776
12	$\mathcal{O}(0; \{12^2, 6, 4^{16}, 3^2, 2^5\})$	1310720
12	$\mathcal{O}(0; \{12^2, 6, 4^{16}, 3^5, 2\})$	11272192
12	$\mathcal{O}(0; \{12^2, 6, 4^{18}, 3^2, 2^2\})$	5242880
12	$\mathcal{O}(0; \{12^2, 6^2, 2^{30}\})$	12
12	$\mathcal{O}(0; \{12^2, 6^2, 3^3, 2^{26}\})$	84
12	$\mathcal{O}(0; \{12^2, 6^2, 3^6, 2^{22}\})$	684
12	$\mathcal{O}(0; \{12^2, 6^2, 3^9, 2^{18}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{12}, 2^{14}\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{15}, 2^{10}\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{18}, 2^6\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{21}, 2^2\})$	22369620
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 2^{27}\})$	48
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^3, 2^{23}\})$	336
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^6, 2^{19}\})$	2736
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^9, 2^{15}\})$	21840
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^{12}, 2^{11}\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^{15}, 2^7\})$	1398096

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^{18}, 2^3\})$	11184816
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 2^{24}\})$	192
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^3, 2^{20}\})$	1344
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^6, 2^{16}\})$	10944
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^9, 2^{12}\})$	87360
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^{12}, 2^8\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^{15}, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^{18}\})$	44739264
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 2^{21}\})$	768
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^3, 2^{17}\})$	5376
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^6, 2^{13}\})$	43776
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^9, 2^9\})$	349440
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^{12}, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^{15}, 2\})$	22369536
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 2^{18}\})$	3072
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^3, 2^{14}\})$	21504
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^6, 2^{10}\})$	175104
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^9, 2^6\})$	1397760
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^{12}, 2^2\})$	11185152
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 2^{15}\})$	12288
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 3^3, 2^{11}\})$	86016
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 3^6, 2^7\})$	700416
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 3^9, 2^3\})$	5591040
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{12}, 2^{12}\})$	49152
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{12}, 3^3, 2^8\})$	344064
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{12}, 3^6, 2^4\})$	2801664
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{12}, 3^9\})$	22364160
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{14}, 2^9\})$	196608
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{14}, 3^3, 2^5\})$	1376256
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{14}, 3^6, 2\})$	11206656
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{16}, 2^6\})$	786432
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{16}, 3^3, 2^2\})$	5505024
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{18}, 2^3\})$	3145728
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{20}\})$	12582912
12	$\mathcal{O}(0; \{12^2, 6^3, 3, 2^{27}\})$	44
12	$\mathcal{O}(0; \{12^2, 6^3, 3^4, 2^{23}\})$	340
12	$\mathcal{O}(0; \{12^2, 6^3, 3^7, 2^{19}\})$	2732
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{10}, 2^{15}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{13}, 2^{11}\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{16}, 2^7\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{19}, 2^3\})$	11184812
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3, 2^{24}\})$	176
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^4, 2^{20}\})$	1360

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^7, 2^{16}\})$	10928
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^{10}, 2^{12}\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^{13}, 2^8\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^{16}, 2^4\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^{19}\})$	44739248
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3, 2^{21}\})$	704
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^4, 2^{17}\})$	5440
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^7, 2^{13}\})$	43712
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^{10}, 2^9\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^{13}, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^{16}, 2\})$	22369600
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3, 2^{18}\})$	2816
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^4, 2^{14}\})$	21760
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^7, 2^{10}\})$	174848
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^{10}, 2^6\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^{13}, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3, 2^{15}\})$	11264
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3^4, 2^{11}\})$	87040
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3^7, 2^7\})$	699392
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3^{10}, 2^3\})$	5592064
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{10}, 3, 2^{12}\})$	45056
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{10}, 3^4, 2^8\})$	348160
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{10}, 3^7, 2^4\})$	2797568
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{10}, 3^{10}\})$	22368256
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{12}, 3, 2^9\})$	180224
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{12}, 3^4, 2^5\})$	1392640
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{12}, 3^7, 2\})$	11190272
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{14}, 3, 2^6\})$	720896
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{14}, 3^4, 2^2\})$	5570560
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{16}, 3, 2^3\})$	2883584
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{18}, 3\})$	11534336
12	$\mathcal{O}(0; \{12^2, 6^4, 3^2, 2^{24}\})$	172
12	$\mathcal{O}(0; \{12^2, 6^4, 3^5, 2^{20}\})$	1364
12	$\mathcal{O}(0; \{12^2, 6^4, 3^8, 2^{16}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6^4, 3^{11}, 2^{12}\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^4, 3^{14}, 2^8\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^4, 3^{17}, 2^4\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^4, 3^{20}\})$	44739244
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^2, 2^{21}\})$	688
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^5, 2^{17}\})$	5456
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^8, 2^{13}\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^{11}, 2^9\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^{14}, 2^5\})$	2796208

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^{17}, 2\})$	22369616
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^2, 2^{18}\})$	2752
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^5, 2^{14}\})$	21824
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^8, 2^{10}\})$	174784
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^{11}, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^{14}, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^2, 2^{15}\})$	11008
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^5, 2^{11}\})$	87296
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^8, 2^7\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^{11}, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 3^2, 2^{12}\})$	44032
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 3^5, 2^8\})$	349184
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 3^8, 2^4\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 3^{11}\})$	22369280
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{10}, 3^2, 2^9\})$	176128
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{10}, 3^5, 2^5\})$	1396736
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{10}, 3^8, 2\})$	11186176
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{12}, 3^2, 2^6\})$	704512
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{12}, 3^5, 2^2\})$	5586944
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{14}, 3^2, 2^3\})$	2818048
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{16}, 3^2\})$	11272192
12	$\mathcal{O}(0; \{12^2, 6^5, 2^{25}\})$	84
12	$\mathcal{O}(0; \{12^2, 6^5, 3^3, 2^{21}\})$	684
12	$\mathcal{O}(0; \{12^2, 6^5, 3^6, 2^{17}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6^5, 3^9, 2^{13}\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^5, 3^{12}, 2^9\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^5, 3^{15}, 2^5\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^5, 3^{18}, 2\})$	22369620
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 2^{22}\})$	336
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^3, 2^{18}\})$	2736
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^6, 2^{14}\})$	21840
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^9, 2^{10}\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^{12}, 2^6\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^{15}, 2^2\})$	11184816
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 2^{19}\})$	1344
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^3, 2^{15}\})$	10944
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^6, 2^{11}\})$	87360
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^9, 2^7\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^{12}, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 2^{16}\})$	5376
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3^3, 2^{12}\})$	43776
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3^6, 2^8\})$	349440
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3^9, 2^4\})$	2796288

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3^{12}\})$	22369536
12	$\mathcal{O}(0; \{12^2, 6^5, 4^8, 2^{13}\})$	21504
12	$\mathcal{O}(0; \{12^2, 6^5, 4^8, 3^3, 2^9\})$	175104
12	$\mathcal{O}(0; \{12^2, 6^5, 4^8, 3^6, 2^5\})$	1397760
12	$\mathcal{O}(0; \{12^2, 6^5, 4^8, 3^9, 2\})$	11185152
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{10}, 2^{10}\})$	86016
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{10}, 3^3, 2^6\})$	700416
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{10}, 3^6, 2^2\})$	5591040
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{12}, 2^7\})$	344064
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{12}, 3^3, 2^3\})$	2801664
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{14}, 2^4\})$	1376256
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{14}, 3^3\})$	11206656
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{16}, 2\})$	5505024
12	$\mathcal{O}(0; \{12^2, 6^6, 3, 2^{22}\})$	340
12	$\mathcal{O}(0; \{12^2, 6^6, 3^4, 2^{18}\})$	2732
12	$\mathcal{O}(0; \{12^2, 6^6, 3^7, 2^{14}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^6, 3^{10}, 2^{10}\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^6, 3^{13}, 2^6\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^6, 3^{16}, 2^2\})$	11184812
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3, 2^{19}\})$	1360
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^4, 2^{15}\})$	10928
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^7, 2^{11}\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^{10}, 2^7\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^{13}, 2^3\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3, 2^{16}\})$	5440
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^4, 2^{12}\})$	43712
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^7, 2^8\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^{10}, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^{13}\})$	22369600
12	$\mathcal{O}(0; \{12^2, 6^6, 4^6, 3, 2^{13}\})$	21760
12	$\mathcal{O}(0; \{12^2, 6^6, 4^6, 3^4, 2^9\})$	174848
12	$\mathcal{O}(0; \{12^2, 6^6, 4^6, 3^7, 2^5\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^6, 4^6, 3^{10}, 2\})$	11184896
12	$\mathcal{O}(0; \{12^2, 6^6, 4^8, 3, 2^{10}\})$	87040
12	$\mathcal{O}(0; \{12^2, 6^6, 4^8, 3^4, 2^6\})$	699392
12	$\mathcal{O}(0; \{12^2, 6^6, 4^8, 3^7, 2^2\})$	5592064
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{10}, 3, 2^7\})$	348160
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{10}, 3^4, 2^3\})$	2797568
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{12}, 3, 2^4\})$	1392640
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{12}, 3^4\})$	11190272
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{14}, 3, 2\})$	5570560
12	$\mathcal{O}(0; \{12^2, 6^7, 3^2, 2^{19}\})$	1364
12	$\mathcal{O}(0; \{12^2, 6^7, 3^5, 2^{15}\})$	10924

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^7, 3^8, 2^{11}\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^7, 3^{11}, 2^7\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^7, 3^{14}, 2^3\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^2, 2^{16}\})$	5456
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^5, 2^{12}\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^8, 2^8\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^{11}, 2^4\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^{14}\})$	22369616
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 3^2, 2^{13}\})$	21824
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 3^5, 2^9\})$	174784
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 3^8, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 3^{11}, 2\})$	11184832
12	$\mathcal{O}(0; \{12^2, 6^7, 4^6, 3^2, 2^{10}\})$	87296
12	$\mathcal{O}(0; \{12^2, 6^7, 4^6, 3^5, 2^6\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^7, 4^6, 3^8, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12^2, 6^7, 4^8, 3^2, 2^7\})$	349184
12	$\mathcal{O}(0; \{12^2, 6^7, 4^8, 3^5, 2^3\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6^7, 4^{10}, 3^2, 2^4\})$	1396736
12	$\mathcal{O}(0; \{12^2, 6^7, 4^{10}, 3^5\})$	11186176
12	$\mathcal{O}(0; \{12^2, 6^7, 4^{12}, 3^2, 2\})$	5586944
12	$\mathcal{O}(0; \{12^2, 6^8, 2^{20}\})$	684
12	$\mathcal{O}(0; \{12^2, 6^8, 3^3, 2^{16}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6^8, 3^6, 2^{12}\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^8, 3^9, 2^8\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^8, 3^{12}, 2^4\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^8, 3^{15}\})$	22369620
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 2^{17}\})$	2736
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3^3, 2^{13}\})$	21840
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3^6, 2^9\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3^9, 2^5\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3^{12}, 2\})$	11184816
12	$\mathcal{O}(0; \{12^2, 6^8, 4^4, 2^{14}\})$	10944
12	$\mathcal{O}(0; \{12^2, 6^8, 4^4, 3^3, 2^{10}\})$	87360
12	$\mathcal{O}(0; \{12^2, 6^8, 4^4, 3^6, 2^6\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^8, 4^4, 3^9, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^2, 6^8, 4^6, 2^{11}\})$	43776
12	$\mathcal{O}(0; \{12^2, 6^8, 4^6, 3^3, 2^7\})$	349440
12	$\mathcal{O}(0; \{12^2, 6^8, 4^6, 3^6, 2^3\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^8, 4^8, 2^8\})$	175104
12	$\mathcal{O}(0; \{12^2, 6^8, 4^8, 3^3, 2^4\})$	1397760
12	$\mathcal{O}(0; \{12^2, 6^8, 4^8, 3^6\})$	11185152
12	$\mathcal{O}(0; \{12^2, 6^8, 4^{10}, 2^5\})$	700416
12	$\mathcal{O}(0; \{12^2, 6^8, 4^{10}, 3^3, 2\})$	5591040

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^8, 4^{12}, 2^2\})$	2801664
12	$\mathcal{O}(0; \{12^2, 6^9, 3, 2^{17}\})$	2732
12	$\mathcal{O}(0; \{12^2, 6^9, 3^4, 2^{13}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^9, 3^7, 2^9\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^9, 3^{10}, 2^5\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^9, 3^{13}, 2\})$	11184812
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 3, 2^{14}\})$	10928
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 3^4, 2^{10}\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 3^7, 2^6\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 3^{10}, 2^2\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6^9, 4^4, 3, 2^{11}\})$	43712
12	$\mathcal{O}(0; \{12^2, 6^9, 4^4, 3^4, 2^7\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^9, 4^4, 3^7, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^9, 4^6, 3, 2^8\})$	174848
12	$\mathcal{O}(0; \{12^2, 6^9, 4^6, 3^4, 2^4\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^9, 4^6, 3^7\})$	11184896
12	$\mathcal{O}(0; \{12^2, 6^9, 4^8, 3, 2^5\})$	699392
12	$\mathcal{O}(0; \{12^2, 6^9, 4^8, 3^4, 2\})$	5592064
12	$\mathcal{O}(0; \{12^2, 6^9, 4^{10}, 3, 2^2\})$	2797568
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3^2, 2^{14}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3^5, 2^{10}\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3^8, 2^6\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3^{11}, 2^2\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^2, 3^2, 2^{11}\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^2, 3^5, 2^7\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^2, 3^8, 2^3\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^4, 3^2, 2^8\})$	174784
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^4, 3^5, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^4, 3^8\})$	11184832
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^6, 3^2, 2^5\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^6, 3^5, 2\})$	5592320
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^8, 3^2, 2^2\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6^{11}, 2^{15}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6^{11}, 3^3, 2^{11}\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^{11}, 3^6, 2^7\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^{11}, 3^9, 2^3\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^2, 2^{12}\})$	21840
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^2, 3^3, 2^8\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^2, 3^6, 2^4\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^2, 3^9\})$	11184816
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^4, 2^9\})$	87360
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^4, 3^3, 2^5\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^4, 3^6, 2\})$	5592384

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^6, 2^6\})$	349440
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^6, 3^3, 2^2\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^8, 2^3\})$	1397760
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^{10}\})$	5591040
12	$\mathcal{O}(0; \{12^2, 6^{12}, 3, 2^{12}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^{12}, 3^4, 2^8\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^{12}, 3^7, 2^4\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^{12}, 3^{10}\})$	11184812
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^2, 3, 2^9\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^2, 3^4, 2^5\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^2, 3^7, 2\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^4, 3, 2^6\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^4, 3^4, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^6, 3, 2^3\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^8, 3\})$	5592064
12	$\mathcal{O}(0; \{12^2, 6^{13}, 3^2, 2^9\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^{13}, 3^5, 2^5\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^{13}, 3^8, 2\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^2, 3^2, 2^6\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^2, 3^5, 2^2\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^4, 3^2, 2^3\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^6, 3^2\})$	5592320
12	$\mathcal{O}(0; \{12^2, 6^{14}, 2^{10}\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^{14}, 3^3, 2^6\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^{14}, 3^6, 2^2\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^{14}, 4^2, 2^7\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^{14}, 4^2, 3^3, 2^3\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^{14}, 4^4, 2^4\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^{14}, 4^4, 3^3\})$	5592384
12	$\mathcal{O}(0; \{12^2, 6^{14}, 4^6, 2\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^{15}, 3, 2^7\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^{15}, 3^4, 2^3\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^{15}, 4^2, 3, 2^4\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^{15}, 4^2, 3^4\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6^{15}, 4^4, 3, 2\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^{16}, 3^2, 2^4\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^{16}, 3^5\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^{16}, 4^2, 3^2, 2\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^{17}, 2^5\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^{17}, 3^3, 2\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^{17}, 4^2, 2^2\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^{18}, 3, 2^2\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^{20}\})$	2796204

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 4, 2^{30}\})$	16
12	$\mathcal{O}(0; \{12^3, 4, 3^3, 2^{26}\})$	176
12	$\mathcal{O}(0; \{12^3, 4, 3^6, 2^{22}\})$	1360
12	$\mathcal{O}(0; \{12^3, 4, 3^9, 2^{18}\})$	10928
12	$\mathcal{O}(0; \{12^3, 4, 3^{12}, 2^{14}\})$	87376
12	$\mathcal{O}(0; \{12^3, 4, 3^{15}, 2^{10}\})$	699056
12	$\mathcal{O}(0; \{12^3, 4, 3^{18}, 2^6\})$	5592400
12	$\mathcal{O}(0; \{12^3, 4, 3^{21}, 2^2\})$	44739248
12	$\mathcal{O}(0; \{12^3, 4^3, 2^{27}\})$	64
12	$\mathcal{O}(0; \{12^3, 4^3, 3^3, 2^{23}\})$	704
12	$\mathcal{O}(0; \{12^3, 4^3, 3^6, 2^{19}\})$	5440
12	$\mathcal{O}(0; \{12^3, 4^3, 3^9, 2^{15}\})$	43712
12	$\mathcal{O}(0; \{12^3, 4^3, 3^{12}, 2^{11}\})$	349504
12	$\mathcal{O}(0; \{12^3, 4^3, 3^{15}, 2^7\})$	2796224
12	$\mathcal{O}(0; \{12^3, 4^3, 3^{18}, 2^3\})$	22369600
12	$\mathcal{O}(0; \{12^3, 4^5, 2^{24}\})$	256
12	$\mathcal{O}(0; \{12^3, 4^5, 3^3, 2^{20}\})$	2816
12	$\mathcal{O}(0; \{12^3, 4^5, 3^6, 2^{16}\})$	21760
12	$\mathcal{O}(0; \{12^3, 4^5, 3^9, 2^{12}\})$	174848
12	$\mathcal{O}(0; \{12^3, 4^5, 3^{12}, 2^8\})$	1398016
12	$\mathcal{O}(0; \{12^3, 4^5, 3^{15}, 2^4\})$	11184896
12	$\mathcal{O}(0; \{12^3, 4^5, 3^{18}\})$	89478400
12	$\mathcal{O}(0; \{12^3, 4^7, 2^{21}\})$	1024
12	$\mathcal{O}(0; \{12^3, 4^7, 3^3, 2^{17}\})$	11264
12	$\mathcal{O}(0; \{12^3, 4^7, 3^6, 2^{13}\})$	87040
12	$\mathcal{O}(0; \{12^3, 4^7, 3^9, 2^9\})$	699392
12	$\mathcal{O}(0; \{12^3, 4^7, 3^{12}, 2^5\})$	5592064
12	$\mathcal{O}(0; \{12^3, 4^7, 3^{15}, 2\})$	44739584
12	$\mathcal{O}(0; \{12^3, 4^9, 2^{18}\})$	4096
12	$\mathcal{O}(0; \{12^3, 4^9, 3^3, 2^{14}\})$	45056
12	$\mathcal{O}(0; \{12^3, 4^9, 3^6, 2^{10}\})$	348160
12	$\mathcal{O}(0; \{12^3, 4^9, 3^9, 2^6\})$	2797568
12	$\mathcal{O}(0; \{12^3, 4^9, 3^{12}, 2^2\})$	22368256
12	$\mathcal{O}(0; \{12^3, 4^{11}, 2^{15}\})$	16384
12	$\mathcal{O}(0; \{12^3, 4^{11}, 3^3, 2^{11}\})$	180224
12	$\mathcal{O}(0; \{12^3, 4^{11}, 3^6, 2^7\})$	1392640
12	$\mathcal{O}(0; \{12^3, 4^{11}, 3^9, 2^3\})$	11190272
12	$\mathcal{O}(0; \{12^3, 4^{13}, 2^{12}\})$	65536
12	$\mathcal{O}(0; \{12^3, 4^{13}, 3^3, 2^8\})$	720896
12	$\mathcal{O}(0; \{12^3, 4^{13}, 3^6, 2^4\})$	5570560
12	$\mathcal{O}(0; \{12^3, 4^{13}, 3^9\})$	44761088
12	$\mathcal{O}(0; \{12^3, 4^{15}, 2^9\})$	262144
12	$\mathcal{O}(0; \{12^3, 4^{15}, 3^3, 2^5\})$	2883584

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 4^{15}, 3^6, 2\})$	22282240
12	$\mathcal{O}(0; \{12^3, 4^{17}, 2^6\})$	1048576
12	$\mathcal{O}(0; \{12^3, 4^{17}, 3^3, 2^2\})$	11534336
12	$\mathcal{O}(0; \{12^3, 4^{19}, 2^3\})$	4194304
12	$\mathcal{O}(0; \{12^3, 4^{21}\})$	16777216
12	$\mathcal{O}(0; \{12^3, 6, 4, 3, 2^{27}\})$	80
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^4, 2^{23}\})$	688
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^7, 2^{19}\})$	5456
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{10}, 2^{15}\})$	43696
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{13}, 2^{11}\})$	349520
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{16}, 2^7\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{19}, 2^3\})$	22369616
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3, 2^{24}\})$	320
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^4, 2^{20}\})$	2752
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^7, 2^{16}\})$	21824
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^{10}, 2^{12}\})$	174784
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^{13}, 2^8\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^{16}, 2^4\})$	11184832
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^{19}\})$	89478464
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3, 2^{21}\})$	1280
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^4, 2^{17}\})$	11008
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^7, 2^{13}\})$	87296
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^{10}, 2^9\})$	699136
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^{13}, 2^5\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^{16}, 2\})$	44739328
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3, 2^{18}\})$	5120
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^4, 2^{14}\})$	44032
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^7, 2^{10}\})$	349184
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^{10}, 2^6\})$	2796544
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^{13}, 2^2\})$	22369280
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3, 2^{15}\})$	20480
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3^4, 2^{11}\})$	176128
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3^7, 2^7\})$	1396736
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3^{10}, 2^3\})$	11186176
12	$\mathcal{O}(0; \{12^3, 6, 4^{11}, 3, 2^{12}\})$	81920
12	$\mathcal{O}(0; \{12^3, 6, 4^{11}, 3^4, 2^8\})$	704512
12	$\mathcal{O}(0; \{12^3, 6, 4^{11}, 3^7, 2^4\})$	5586944
12	$\mathcal{O}(0; \{12^3, 6, 4^{11}, 3^{10}\})$	44744704
12	$\mathcal{O}(0; \{12^3, 6, 4^{13}, 3, 2^9\})$	327680
12	$\mathcal{O}(0; \{12^3, 6, 4^{13}, 3^4, 2^5\})$	2818048
12	$\mathcal{O}(0; \{12^3, 6, 4^{13}, 3^7, 2\})$	22347776
12	$\mathcal{O}(0; \{12^3, 6, 4^{15}, 3, 2^6\})$	1310720
12	$\mathcal{O}(0; \{12^3, 6, 4^{15}, 3^4, 2^2\})$	11272192

Continued on next page

Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6, 4^{17}, 3, 2^3\})$	5242880
12	$\mathcal{O}(0; \{12^3, 6, 4^{19}, 3\})$	20971520
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^2, 2^{24}\})$	336
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^5, 2^{20}\})$	2736
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^8, 2^{16}\})$	21840
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^{11}, 2^{12}\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^{14}, 2^8\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^{17}, 2^4\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^{20}\})$	89478480
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^2, 2^{21}\})$	1344
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^5, 2^{17}\})$	10944
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^8, 2^{13}\})$	87360
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^{11}, 2^9\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^{14}, 2^5\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^{17}, 2\})$	44739264
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^2, 2^{18}\})$	5376
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^5, 2^{14}\})$	43776
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^8, 2^{10}\})$	349440
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^{11}, 2^6\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^{14}, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^2, 2^{15}\})$	21504
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^5, 2^{11}\})$	175104
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^8, 2^7\})$	1397760
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^{11}, 2^3\})$	11185152
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 3^2, 2^{12}\})$	86016
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 3^5, 2^8\})$	700416
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 3^8, 2^4\})$	5591040
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 3^{11}\})$	44740608
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{11}, 3^2, 2^9\})$	344064
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{11}, 3^5, 2^5\})$	2801664
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{11}, 3^8, 2\})$	22364160
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{13}, 3^2, 2^6\})$	1376256
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{13}, 3^5, 2^2\})$	11206656
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{15}, 3^2, 2^3\})$	5505024
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{17}, 3^2\})$	22020096
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 2^{25}\})$	176
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^3, 2^{21}\})$	1360
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^6, 2^{17}\})$	10928
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^9, 2^{13}\})$	87376
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^{12}, 2^9\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^{15}, 2^5\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^{18}, 2\})$	44739248
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 2^{22}\})$	704

Continued on next page

Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^3, 2^{18}\})$	5440
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^6, 2^{14}\})$	43712
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^9, 2^{10}\})$	349504
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^{12}, 2^6\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^{15}, 2^2\})$	22369600
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 2^{19}\})$	2816
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^3, 2^{15}\})$	21760
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^6, 2^{11}\})$	174848
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^9, 2^7\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^{12}, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 2^{16}\})$	11264
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3^3, 2^{12}\})$	87040
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3^6, 2^8\})$	699392
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3^9, 2^4\})$	5592064
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3^{12}\})$	44739584
12	$\mathcal{O}(0; \{12^3, 6^3, 4^9, 2^{13}\})$	45056
12	$\mathcal{O}(0; \{12^3, 6^3, 4^9, 3^3, 2^9\})$	348160
12	$\mathcal{O}(0; \{12^3, 6^3, 4^9, 3^6, 2^5\})$	2797568
12	$\mathcal{O}(0; \{12^3, 6^3, 4^9, 3^9, 2\})$	22368256
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{11}, 2^{10}\})$	180224
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{11}, 3^3, 2^6\})$	1392640
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{11}, 3^6, 2^2\})$	11190272
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{13}, 2^7\})$	720896
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{13}, 3^3, 2^3\})$	5570560
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{15}, 2^4\})$	2883584
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{15}, 3^3\})$	22282240
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{17}, 2\})$	11534336
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3, 2^{22}\})$	688
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^4, 2^{18}\})$	5456
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^7, 2^{14}\})$	43696
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^{10}, 2^{10}\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^{13}, 2^6\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^{16}, 2^2\})$	22369616
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3, 2^{19}\})$	2752
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^4, 2^{15}\})$	21824
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^7, 2^{11}\})$	174784
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^{10}, 2^7\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^{13}, 2^3\})$	11184832
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3, 2^{16}\})$	11008
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^4, 2^{12}\})$	87296
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^7, 2^8\})$	699136
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^{10}, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^{13}\})$	44739328

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^4, 4^7, 3, 2^{13}\})$	44032
12	$\mathcal{O}(0; \{12^3, 6^4, 4^7, 3^4, 2^9\})$	349184
12	$\mathcal{O}(0; \{12^3, 6^4, 4^7, 3^7, 2^5\})$	2796544
12	$\mathcal{O}(0; \{12^3, 6^4, 4^7, 3^{10}, 2\})$	22369280
12	$\mathcal{O}(0; \{12^3, 6^4, 4^9, 3, 2^{10}\})$	176128
12	$\mathcal{O}(0; \{12^3, 6^4, 4^9, 3^4, 2^6\})$	1396736
12	$\mathcal{O}(0; \{12^3, 6^4, 4^9, 3^7, 2^2\})$	11186176
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{11}, 3, 2^7\})$	704512
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{11}, 3^4, 2^3\})$	5586944
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{13}, 3, 2^4\})$	2818048
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{13}, 3^4\})$	22347776
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{15}, 3, 2\})$	11272192
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^2, 2^{19}\})$	2736
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^5, 2^{15}\})$	21840
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^8, 2^{11}\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^{11}, 2^7\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^{14}, 2^3\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^2, 2^{16}\})$	10944
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^5, 2^{12}\})$	87360
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^8, 2^8\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^{11}, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^{14}\})$	44739264
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 3^2, 2^{13}\})$	43776
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 3^5, 2^9\})$	349440
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 3^8, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 3^{11}, 2\})$	22369536
12	$\mathcal{O}(0; \{12^3, 6^5, 4^7, 3^2, 2^{10}\})$	175104
12	$\mathcal{O}(0; \{12^3, 6^5, 4^7, 3^5, 2^6\})$	1397760
12	$\mathcal{O}(0; \{12^3, 6^5, 4^7, 3^8, 2^2\})$	11185152
12	$\mathcal{O}(0; \{12^3, 6^5, 4^9, 3^2, 2^7\})$	700416
12	$\mathcal{O}(0; \{12^3, 6^5, 4^9, 3^5, 2^3\})$	5591040
12	$\mathcal{O}(0; \{12^3, 6^5, 4^{11}, 3^2, 2^4\})$	2801664
12	$\mathcal{O}(0; \{12^3, 6^5, 4^{11}, 3^5\})$	22364160
12	$\mathcal{O}(0; \{12^3, 6^5, 4^{13}, 3^2, 2\})$	11206656
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 2^{20}\})$	1360
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^3, 2^{16}\})$	10928
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^6, 2^{12}\})$	87376
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^9, 2^8\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^{12}, 2^4\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^{15}\})$	44739248
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 2^{17}\})$	5440
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3^3, 2^{13}\})$	43712
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3^6, 2^9\})$	349504

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3^9, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3^{12}, 2\})$	22369600
12	$\mathcal{O}(0; \{12^3, 6^6, 4^5, 2^{14}\})$	21760
12	$\mathcal{O}(0; \{12^3, 6^6, 4^5, 3^3, 2^{10}\})$	174848
12	$\mathcal{O}(0; \{12^3, 6^6, 4^5, 3^6, 2^6\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^6, 4^5, 3^9, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^3, 6^6, 4^7, 2^{11}\})$	87040
12	$\mathcal{O}(0; \{12^3, 6^6, 4^7, 3^3, 2^7\})$	699392
12	$\mathcal{O}(0; \{12^3, 6^6, 4^7, 3^6, 2^3\})$	5592064
12	$\mathcal{O}(0; \{12^3, 6^6, 4^9, 2^8\})$	348160
12	$\mathcal{O}(0; \{12^3, 6^6, 4^9, 3^3, 2^4\})$	2797568
12	$\mathcal{O}(0; \{12^3, 6^6, 4^9, 3^6\})$	22368256
12	$\mathcal{O}(0; \{12^3, 6^6, 4^{11}, 2^5\})$	1392640
12	$\mathcal{O}(0; \{12^3, 6^6, 4^{11}, 3^3, 2\})$	11190272
12	$\mathcal{O}(0; \{12^3, 6^6, 4^{13}, 2^2\})$	5570560
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3, 2^{17}\})$	5456
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^4, 2^{13}\})$	43696
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^7, 2^9\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^{10}, 2^5\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^{13}, 2\})$	22369616
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 3, 2^{14}\})$	21824
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 3^4, 2^{10}\})$	174784
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 3^7, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 3^{10}, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^3, 6^7, 4^5, 3, 2^{11}\})$	87296
12	$\mathcal{O}(0; \{12^3, 6^7, 4^5, 3^4, 2^7\})$	699136
12	$\mathcal{O}(0; \{12^3, 6^7, 4^5, 3^7, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^7, 4^7, 3, 2^8\})$	349184
12	$\mathcal{O}(0; \{12^3, 6^7, 4^7, 3^4, 2^4\})$	2796544
12	$\mathcal{O}(0; \{12^3, 6^7, 4^7, 3^7\})$	22369280
12	$\mathcal{O}(0; \{12^3, 6^7, 4^9, 3, 2^5\})$	1396736
12	$\mathcal{O}(0; \{12^3, 6^7, 4^9, 3^4, 2\})$	11186176
12	$\mathcal{O}(0; \{12^3, 6^7, 4^{11}, 3, 2^2\})$	5586944
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3^2, 2^{14}\})$	21840
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3^5, 2^{10}\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3^8, 2^6\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3^{11}, 2^2\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6^8, 4^3, 3^2, 2^{11}\})$	87360
12	$\mathcal{O}(0; \{12^3, 6^8, 4^3, 3^5, 2^7\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^8, 4^3, 3^8, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^8, 4^5, 3^2, 2^8\})$	349440
12	$\mathcal{O}(0; \{12^3, 6^8, 4^5, 3^5, 2^4\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^8, 4^5, 3^8\})$	22369536

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^8, 4^7, 3^2, 2^5\})$	1397760
12	$\mathcal{O}(0; \{12^3, 6^8, 4^7, 3^5, 2\})$	11185152
12	$\mathcal{O}(0; \{12^3, 6^8, 4^9, 3^2, 2^2\})$	5591040
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 2^{15}\})$	10928
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 3^3, 2^{11}\})$	87376
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 3^6, 2^7\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 3^9, 2^3\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^9, 4^3, 2^{12}\})$	43712
12	$\mathcal{O}(0; \{12^3, 6^9, 4^3, 3^3, 2^8\})$	349504
12	$\mathcal{O}(0; \{12^3, 6^9, 4^3, 3^6, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^9, 4^3, 3^9\})$	22369600
12	$\mathcal{O}(0; \{12^3, 6^9, 4^5, 2^9\})$	174848
12	$\mathcal{O}(0; \{12^3, 6^9, 4^5, 3^3, 2^5\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^9, 4^5, 3^6, 2\})$	11184896
12	$\mathcal{O}(0; \{12^3, 6^9, 4^7, 2^6\})$	699392
12	$\mathcal{O}(0; \{12^3, 6^9, 4^7, 3^3, 2^2\})$	5592064
12	$\mathcal{O}(0; \{12^3, 6^9, 4^9, 2^3\})$	2797568
12	$\mathcal{O}(0; \{12^3, 6^9, 4^{11}\})$	11190272
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4, 3, 2^{12}\})$	43696
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4, 3^4, 2^8\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4, 3^7, 2^4\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4, 3^{10}\})$	22369616
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^3, 3, 2^9\})$	174784
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^3, 3^4, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^3, 3^7, 2\})$	11184832
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^5, 3, 2^6\})$	699136
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^5, 3^4, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^7, 3, 2^3\})$	2796544
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^9, 3\})$	11186176
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4, 3^2, 2^9\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4, 3^5, 2^5\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4, 3^8, 2\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^3, 3^2, 2^6\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^3, 3^5, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^5, 3^2, 2^3\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^7, 3^2\})$	11185152
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4, 2^{10}\})$	87376
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4, 3^3, 2^6\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4, 3^6, 2^2\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4^3, 2^7\})$	349504
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4^3, 3^3, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4^5, 2^4\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4^5, 3^3\})$	11184896

Continued on next page

Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4^7, 2\})$	5592064
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4, 3, 2^7\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4, 3^4, 2^3\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4^3, 3, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4^3, 3^4\})$	11184832
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4^5, 3, 2\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^{14}, 4, 3^2, 2^4\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^{14}, 4, 3^5\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6^{14}, 4^3, 3^2, 2\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^{15}, 4, 2^5\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^{15}, 4, 3^3, 2\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^{15}, 4^3, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^{16}, 4, 3, 2^2\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^{18}, 4\})$	5592400
12	$\mathcal{O}(0; \{12^4, 3^2, 2^{27}\})$	176
12	$\mathcal{O}(0; \{12^4, 3^5, 2^{23}\})$	1360
12	$\mathcal{O}(0; \{12^4, 3^8, 2^{19}\})$	10928
12	$\mathcal{O}(0; \{12^4, 3^{11}, 2^{15}\})$	87376
12	$\mathcal{O}(0; \{12^4, 3^{14}, 2^{11}\})$	699056
12	$\mathcal{O}(0; \{12^4, 3^{17}, 2^7\})$	5592400
12	$\mathcal{O}(0; \{12^4, 3^{20}, 2^3\})$	44739248
12	$\mathcal{O}(0; \{12^4, 4^2, 3^2, 2^{24}\})$	704
12	$\mathcal{O}(0; \{12^4, 4^2, 3^5, 2^{20}\})$	5440
12	$\mathcal{O}(0; \{12^4, 4^2, 3^8, 2^{16}\})$	43712
12	$\mathcal{O}(0; \{12^4, 4^2, 3^{11}, 2^{12}\})$	349504
12	$\mathcal{O}(0; \{12^4, 4^2, 3^{14}, 2^8\})$	2796224
12	$\mathcal{O}(0; \{12^4, 4^2, 3^{17}, 2^4\})$	22369600
12	$\mathcal{O}(0; \{12^4, 4^2, 3^{20}\})$	178956992
12	$\mathcal{O}(0; \{12^4, 4^4, 3^2, 2^{21}\})$	2816
12	$\mathcal{O}(0; \{12^4, 4^4, 3^5, 2^{17}\})$	21760
12	$\mathcal{O}(0; \{12^4, 4^4, 3^8, 2^{13}\})$	174848
12	$\mathcal{O}(0; \{12^4, 4^4, 3^{11}, 2^9\})$	1398016
12	$\mathcal{O}(0; \{12^4, 4^4, 3^{14}, 2^5\})$	11184896
12	$\mathcal{O}(0; \{12^4, 4^4, 3^{17}, 2\})$	89478400
12	$\mathcal{O}(0; \{12^4, 4^6, 3^2, 2^{18}\})$	11264
12	$\mathcal{O}(0; \{12^4, 4^6, 3^5, 2^{14}\})$	87040
12	$\mathcal{O}(0; \{12^4, 4^6, 3^8, 2^{10}\})$	699392
12	$\mathcal{O}(0; \{12^4, 4^6, 3^{11}, 2^6\})$	5592064
12	$\mathcal{O}(0; \{12^4, 4^6, 3^{14}, 2^2\})$	44739584
12	$\mathcal{O}(0; \{12^4, 4^8, 3^2, 2^{15}\})$	45056
12	$\mathcal{O}(0; \{12^4, 4^8, 3^5, 2^{11}\})$	348160
12	$\mathcal{O}(0; \{12^4, 4^8, 3^8, 2^7\})$	2797568
12	$\mathcal{O}(0; \{12^4, 4^8, 3^{11}, 2^3\})$	22368256

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 4^{10}, 3^2, 2^{12}\})$	180224
12	$\mathcal{O}(0; \{12^4, 4^{10}, 3^5, 2^8\})$	1392640
12	$\mathcal{O}(0; \{12^4, 4^{10}, 3^8, 2^4\})$	11190272
12	$\mathcal{O}(0; \{12^4, 4^{10}, 3^{11}\})$	89473024
12	$\mathcal{O}(0; \{12^4, 4^{12}, 3^2, 2^9\})$	720896
12	$\mathcal{O}(0; \{12^4, 4^{12}, 3^5, 2^5\})$	5570560
12	$\mathcal{O}(0; \{12^4, 4^{12}, 3^8, 2\})$	44761088
12	$\mathcal{O}(0; \{12^4, 4^{14}, 3^2, 2^6\})$	2883584
12	$\mathcal{O}(0; \{12^4, 4^{14}, 3^5, 2^2\})$	22282240
12	$\mathcal{O}(0; \{12^4, 4^{16}, 3^2, 2^3\})$	11534336
12	$\mathcal{O}(0; \{12^4, 4^{18}, 3^2\})$	46137344
12	$\mathcal{O}(0; \{12^4, 6, 2^{28}\})$	80
12	$\mathcal{O}(0; \{12^4, 6, 3^3, 2^{24}\})$	688
12	$\mathcal{O}(0; \{12^4, 6, 3^6, 2^{20}\})$	5456
12	$\mathcal{O}(0; \{12^4, 6, 3^9, 2^{16}\})$	43696
12	$\mathcal{O}(0; \{12^4, 6, 3^{12}, 2^{12}\})$	349520
12	$\mathcal{O}(0; \{12^4, 6, 3^{15}, 2^8\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6, 3^{18}, 2^4\})$	22369616
12	$\mathcal{O}(0; \{12^4, 6, 3^{21}\})$	178956976
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 2^{25}\})$	320
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^3, 2^{21}\})$	2752
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^6, 2^{17}\})$	21824
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^9, 2^{13}\})$	174784
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^{12}, 2^9\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^{15}, 2^5\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^{18}, 2\})$	89478464
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 2^{22}\})$	1280
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^3, 2^{18}\})$	11008
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^6, 2^{14}\})$	87296
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^9, 2^{10}\})$	699136
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^{12}, 2^6\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^{15}, 2^2\})$	44739328
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 2^{19}\})$	5120
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^3, 2^{15}\})$	44032
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^6, 2^{11}\})$	349184
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^9, 2^7\})$	2796544
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^{12}, 2^3\})$	22369280
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 2^{16}\})$	20480
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3^3, 2^{12}\})$	176128
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3^6, 2^8\})$	1396736
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3^9, 2^4\})$	11186176
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3^{12}\})$	89477120
12	$\mathcal{O}(0; \{12^4, 6, 4^{10}, 2^{13}\})$	81920

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6, 4^{10}, 3^3, 2^9\})$	704512
12	$\mathcal{O}(0; \{12^4, 6, 4^{10}, 3^6, 2^5\})$	5586944
12	$\mathcal{O}(0; \{12^4, 6, 4^{10}, 3^9, 2\})$	44744704
12	$\mathcal{O}(0; \{12^4, 6, 4^{12}, 2^{10}\})$	327680
12	$\mathcal{O}(0; \{12^4, 6, 4^{12}, 3^3, 2^6\})$	2818048
12	$\mathcal{O}(0; \{12^4, 6, 4^{12}, 3^6, 2^2\})$	22347776
12	$\mathcal{O}(0; \{12^4, 6, 4^{14}, 2^7\})$	1310720
12	$\mathcal{O}(0; \{12^4, 6, 4^{14}, 3^3, 2^3\})$	11272192
12	$\mathcal{O}(0; \{12^4, 6, 4^{16}, 2^4\})$	5242880
12	$\mathcal{O}(0; \{12^4, 6, 4^{16}, 3^3\})$	45088768
12	$\mathcal{O}(0; \{12^4, 6, 4^{18}, 2\})$	20971520
12	$\mathcal{O}(0; \{12^4, 6^2, 3, 2^{25}\})$	336
12	$\mathcal{O}(0; \{12^4, 6^2, 3^4, 2^{21}\})$	2736
12	$\mathcal{O}(0; \{12^4, 6^2, 3^7, 2^{17}\})$	21840
12	$\mathcal{O}(0; \{12^4, 6^2, 3^{10}, 2^{13}\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^2, 3^{13}, 2^9\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^2, 3^{16}, 2^5\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^2, 3^{19}, 2\})$	89478480
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3, 2^{22}\})$	1344
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^4, 2^{18}\})$	10944
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^7, 2^{14}\})$	87360
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^{10}, 2^{10}\})$	699072
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^{13}, 2^6\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^{16}, 2^2\})$	44739264
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3, 2^{19}\})$	5376
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^4, 2^{15}\})$	43776
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^7, 2^{11}\})$	349440
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^{10}, 2^7\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^{13}, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3, 2^{16}\})$	21504
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^4, 2^{12}\})$	175104
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^7, 2^8\})$	1397760
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^{10}, 2^4\})$	11185152
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^{13}\})$	89478144
12	$\mathcal{O}(0; \{12^4, 6^2, 4^8, 3, 2^{13}\})$	86016
12	$\mathcal{O}(0; \{12^4, 6^2, 4^8, 3^4, 2^9\})$	700416
12	$\mathcal{O}(0; \{12^4, 6^2, 4^8, 3^7, 2^5\})$	5591040
12	$\mathcal{O}(0; \{12^4, 6^2, 4^8, 3^{10}, 2\})$	44740608
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{10}, 3, 2^{10}\})$	344064
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{10}, 3^4, 2^6\})$	2801664
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{10}, 3^7, 2^2\})$	22364160
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{12}, 3, 2^7\})$	1376256
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{12}, 3^4, 2^3\})$	11206656

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{14}, 3, 2^4\})$	5505024
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{14}, 3^4\})$	44826624
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{16}, 3, 2\})$	22020096
12	$\mathcal{O}(0; \{12^4, 6^3, 3^2, 2^{22}\})$	1360
12	$\mathcal{O}(0; \{12^4, 6^3, 3^5, 2^{18}\})$	10928
12	$\mathcal{O}(0; \{12^4, 6^3, 3^8, 2^{14}\})$	87376
12	$\mathcal{O}(0; \{12^4, 6^3, 3^{11}, 2^{10}\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^3, 3^{14}, 2^6\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^3, 3^{17}, 2^2\})$	44739248
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^2, 2^{19}\})$	5440
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^5, 2^{15}\})$	43712
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^8, 2^{11}\})$	349504
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^{11}, 2^7\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^{14}, 2^3\})$	22369600
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^2, 2^{16}\})$	21760
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^5, 2^{12}\})$	174848
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^8, 2^8\})$	1398016
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^{11}, 2^4\})$	11184896
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^{14}\})$	89478400
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 3^2, 2^{13}\})$	87040
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 3^5, 2^9\})$	699392
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 3^8, 2^5\})$	5592064
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 3^{11}, 2\})$	44739584
12	$\mathcal{O}(0; \{12^4, 6^3, 4^8, 3^2, 2^{10}\})$	348160
12	$\mathcal{O}(0; \{12^4, 6^3, 4^8, 3^5, 2^6\})$	2797568
12	$\mathcal{O}(0; \{12^4, 6^3, 4^8, 3^8, 2^2\})$	22368256
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{10}, 3^2, 2^7\})$	1392640
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{10}, 3^5, 2^3\})$	11190272
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{12}, 3^2, 2^4\})$	5570560
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{12}, 3^5\})$	44761088
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{14}, 3^2, 2\})$	22282240
12	$\mathcal{O}(0; \{12^4, 6^4, 2^{23}\})$	688
12	$\mathcal{O}(0; \{12^4, 6^4, 3^3, 2^{19}\})$	5456
12	$\mathcal{O}(0; \{12^4, 6^4, 3^6, 2^{15}\})$	43696
12	$\mathcal{O}(0; \{12^4, 6^4, 3^9, 2^{11}\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^4, 3^{12}, 2^7\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^4, 3^{15}, 2^3\})$	22369616
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 2^{20}\})$	2752
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^3, 2^{16}\})$	21824
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^6, 2^{12}\})$	174784
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^9, 2^8\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^{12}, 2^4\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^{15}\})$	89478464

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 2^{17}\})$	11008
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3^3, 2^{13}\})$	87296
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3^6, 2^9\})$	699136
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3^9, 2^5\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3^{12}, 2\})$	44739328
12	$\mathcal{O}(0; \{12^4, 6^4, 4^6, 2^{14}\})$	44032
12	$\mathcal{O}(0; \{12^4, 6^4, 4^6, 3^3, 2^{10}\})$	349184
12	$\mathcal{O}(0; \{12^4, 6^4, 4^6, 3^6, 2^6\})$	2796544
12	$\mathcal{O}(0; \{12^4, 6^4, 4^6, 3^9, 2^2\})$	22369280
12	$\mathcal{O}(0; \{12^4, 6^4, 4^8, 2^{11}\})$	176128
12	$\mathcal{O}(0; \{12^4, 6^4, 4^8, 3^3, 2^7\})$	1396736
12	$\mathcal{O}(0; \{12^4, 6^4, 4^8, 3^6, 2^3\})$	11186176
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{10}, 2^8\})$	704512
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{10}, 3^3, 2^4\})$	5586944
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{10}, 3^6\})$	44744704
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{12}, 2^5\})$	2818048
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{12}, 3^3, 2\})$	22347776
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{14}, 2^2\})$	11272192
12	$\mathcal{O}(0; \{12^4, 6^5, 3, 2^{20}\})$	2736
12	$\mathcal{O}(0; \{12^4, 6^5, 3^4, 2^{16}\})$	21840
12	$\mathcal{O}(0; \{12^4, 6^5, 3^7, 2^{12}\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^5, 3^{10}, 2^8\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^5, 3^{13}, 2^4\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^5, 3^{16}\})$	89478480
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3, 2^{17}\})$	10944
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^4, 2^{13}\})$	87360
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^7, 2^9\})$	699072
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^{10}, 2^5\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^{13}, 2\})$	44739264
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 3, 2^{14}\})$	43776
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 3^4, 2^{10}\})$	349440
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 3^7, 2^6\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 3^{10}, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^4, 6^5, 4^6, 3, 2^{11}\})$	175104
12	$\mathcal{O}(0; \{12^4, 6^5, 4^6, 3^4, 2^7\})$	1397760
12	$\mathcal{O}(0; \{12^4, 6^5, 4^6, 3^7, 2^3\})$	11185152
12	$\mathcal{O}(0; \{12^4, 6^5, 4^8, 3, 2^8\})$	700416
12	$\mathcal{O}(0; \{12^4, 6^5, 4^8, 3^4, 2^4\})$	5591040
12	$\mathcal{O}(0; \{12^4, 6^5, 4^8, 3^7\})$	44740608
12	$\mathcal{O}(0; \{12^4, 6^5, 4^{10}, 3, 2^5\})$	2801664
12	$\mathcal{O}(0; \{12^4, 6^5, 4^{10}, 3^4, 2\})$	22364160
12	$\mathcal{O}(0; \{12^4, 6^5, 4^{12}, 3, 2^2\})$	11206656
12	$\mathcal{O}(0; \{12^4, 6^6, 3^2, 2^{17}\})$	10928

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^6, 3^5, 2^{13}\})$	87376
12	$\mathcal{O}(0; \{12^4, 6^6, 3^8, 2^9\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^6, 3^{11}, 2^5\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^6, 3^{14}, 2\})$	44739248
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3^2, 2^{14}\})$	43712
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3^5, 2^{10}\})$	349504
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3^8, 2^6\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3^{11}, 2^2\})$	22369600
12	$\mathcal{O}(0; \{12^4, 6^6, 4^4, 3^2, 2^{11}\})$	174848
12	$\mathcal{O}(0; \{12^4, 6^6, 4^4, 3^5, 2^7\})$	1398016
12	$\mathcal{O}(0; \{12^4, 6^6, 4^4, 3^8, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^4, 6^6, 4^6, 3^2, 2^8\})$	699392
12	$\mathcal{O}(0; \{12^4, 6^6, 4^6, 3^5, 2^4\})$	5592064
12	$\mathcal{O}(0; \{12^4, 6^6, 4^6, 3^8\})$	44739584
12	$\mathcal{O}(0; \{12^4, 6^6, 4^8, 3^2, 2^5\})$	2797568
12	$\mathcal{O}(0; \{12^4, 6^6, 4^8, 3^5, 2\})$	22368256
12	$\mathcal{O}(0; \{12^4, 6^6, 4^{10}, 3^2, 2^2\})$	11190272
12	$\mathcal{O}(0; \{12^4, 6^7, 2^{18}\})$	5456
12	$\mathcal{O}(0; \{12^4, 6^7, 3^3, 2^{14}\})$	43696
12	$\mathcal{O}(0; \{12^4, 6^7, 3^6, 2^{10}\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^7, 3^9, 2^6\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^7, 3^{12}, 2^2\})$	22369616
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 2^{15}\})$	21824
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 3^3, 2^{11}\})$	174784
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 3^6, 2^7\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 3^9, 2^3\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^7, 4^4, 2^{12}\})$	87296
12	$\mathcal{O}(0; \{12^4, 6^7, 4^4, 3^3, 2^8\})$	699136
12	$\mathcal{O}(0; \{12^4, 6^7, 4^4, 3^6, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^7, 4^4, 3^9\})$	44739328
12	$\mathcal{O}(0; \{12^4, 6^7, 4^6, 2^9\})$	349184
12	$\mathcal{O}(0; \{12^4, 6^7, 4^6, 3^3, 2^5\})$	2796544
12	$\mathcal{O}(0; \{12^4, 6^7, 4^6, 3^6, 2\})$	22369280
12	$\mathcal{O}(0; \{12^4, 6^7, 4^8, 2^6\})$	1396736
12	$\mathcal{O}(0; \{12^4, 6^7, 4^8, 3^3, 2^2\})$	11186176
12	$\mathcal{O}(0; \{12^4, 6^7, 4^{10}, 2^3\})$	5586944
12	$\mathcal{O}(0; \{12^4, 6^7, 4^{12}\})$	22347776
12	$\mathcal{O}(0; \{12^4, 6^8, 3, 2^{15}\})$	21840
12	$\mathcal{O}(0; \{12^4, 6^8, 3^4, 2^{11}\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^8, 3^7, 2^7\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^8, 3^{10}, 2^3\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^8, 4^2, 3, 2^{12}\})$	87360
12	$\mathcal{O}(0; \{12^4, 6^8, 4^2, 3^4, 2^8\})$	699072

Continued on next page

Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^8, 4^2, 3^7, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^8, 4^2, 3^{10}\})$	44739264
12	$\mathcal{O}(0; \{12^4, 6^8, 4^4, 3, 2^9\})$	349440
12	$\mathcal{O}(0; \{12^4, 6^8, 4^4, 3^4, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6^8, 4^4, 3^7, 2\})$	22369536
12	$\mathcal{O}(0; \{12^4, 6^8, 4^6, 3, 2^6\})$	1397760
12	$\mathcal{O}(0; \{12^4, 6^8, 4^6, 3^4, 2^2\})$	11185152
12	$\mathcal{O}(0; \{12^4, 6^8, 4^8, 3, 2^3\})$	5591040
12	$\mathcal{O}(0; \{12^4, 6^8, 4^{10}, 3\})$	22364160
12	$\mathcal{O}(0; \{12^4, 6^9, 3^2, 2^{12}\})$	87376
12	$\mathcal{O}(0; \{12^4, 6^9, 3^5, 2^8\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^9, 3^8, 2^4\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^9, 3^{11}\})$	44739248
12	$\mathcal{O}(0; \{12^4, 6^9, 4^2, 3^2, 2^9\})$	349504
12	$\mathcal{O}(0; \{12^4, 6^9, 4^2, 3^5, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^9, 4^2, 3^8, 2\})$	22369600
12	$\mathcal{O}(0; \{12^4, 6^9, 4^4, 3^2, 2^6\})$	1398016
12	$\mathcal{O}(0; \{12^4, 6^9, 4^4, 3^5, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^4, 6^9, 4^6, 3^2, 2^3\})$	5592064
12	$\mathcal{O}(0; \{12^4, 6^9, 4^8, 3^2\})$	22368256
12	$\mathcal{O}(0; \{12^4, 6^{10}, 2^{13}\})$	43696
12	$\mathcal{O}(0; \{12^4, 6^{10}, 3^3, 2^9\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^{10}, 3^6, 2^5\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^{10}, 3^9, 2\})$	22369616
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^2, 2^{10}\})$	174784
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^2, 3^3, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^2, 3^6, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^4, 2^7\})$	699136
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^4, 3^3, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^6, 2^4\})$	2796544
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^6, 3^3\})$	22369280
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^8, 2\})$	11186176
12	$\mathcal{O}(0; \{12^4, 6^{11}, 3, 2^{10}\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^{11}, 3^4, 2^6\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^{11}, 3^7, 2^2\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^2, 3, 2^7\})$	699072
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^2, 3^4, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^4, 3, 2^4\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^4, 3^4\})$	22369536
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^6, 3, 2\})$	11185152
12	$\mathcal{O}(0; \{12^4, 6^{12}, 3^2, 2^7\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^{12}, 3^5, 2^3\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^{12}, 4^2, 3^2, 2^4\})$	2796224

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^{12}, 4^2, 3^5\})$	22369600
12	$\mathcal{O}(0; \{12^4, 6^{12}, 4^4, 3^2, 2\})$	11184896
12	$\mathcal{O}(0; \{12^4, 6^{13}, 2^8\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^{13}, 3^3, 2^4\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^{13}, 3^6\})$	22369616
12	$\mathcal{O}(0; \{12^4, 6^{13}, 4^2, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^{13}, 4^2, 3^3, 2\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^{13}, 4^4, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^{14}, 3, 2^5\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^{14}, 3^4, 2\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^{14}, 4^2, 3, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^{15}, 3^2, 2^2\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^{16}, 2^3\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^{16}, 4^2\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^{17}, 3\})$	11184816
12	$\mathcal{O}(0; \{12^5, 4, 3, 2^{25}\})$	704
12	$\mathcal{O}(0; \{12^5, 4, 3^4, 2^{21}\})$	5440
12	$\mathcal{O}(0; \{12^5, 4, 3^7, 2^{17}\})$	43712
12	$\mathcal{O}(0; \{12^5, 4, 3^{10}, 2^{13}\})$	349504
12	$\mathcal{O}(0; \{12^5, 4, 3^{13}, 2^9\})$	2796224
12	$\mathcal{O}(0; \{12^5, 4, 3^{16}, 2^5\})$	22369600
12	$\mathcal{O}(0; \{12^5, 4, 3^{19}, 2\})$	178956992
12	$\mathcal{O}(0; \{12^5, 4^3, 3, 2^{22}\})$	2816
12	$\mathcal{O}(0; \{12^5, 4^3, 3^4, 2^{18}\})$	21760
12	$\mathcal{O}(0; \{12^5, 4^3, 3^7, 2^{14}\})$	174848
12	$\mathcal{O}(0; \{12^5, 4^3, 3^{10}, 2^{10}\})$	1398016
12	$\mathcal{O}(0; \{12^5, 4^3, 3^{13}, 2^6\})$	11184896
12	$\mathcal{O}(0; \{12^5, 4^3, 3^{16}, 2^2\})$	89478400
12	$\mathcal{O}(0; \{12^5, 4^5, 3, 2^{19}\})$	11264
12	$\mathcal{O}(0; \{12^5, 4^5, 3^4, 2^{15}\})$	87040
12	$\mathcal{O}(0; \{12^5, 4^5, 3^7, 2^{11}\})$	699392
12	$\mathcal{O}(0; \{12^5, 4^5, 3^{10}, 2^7\})$	5592064
12	$\mathcal{O}(0; \{12^5, 4^5, 3^{13}, 2^3\})$	44739584
12	$\mathcal{O}(0; \{12^5, 4^7, 3, 2^{16}\})$	45056
12	$\mathcal{O}(0; \{12^5, 4^7, 3^4, 2^{12}\})$	348160
12	$\mathcal{O}(0; \{12^5, 4^7, 3^7, 2^8\})$	2797568
12	$\mathcal{O}(0; \{12^5, 4^7, 3^{10}, 2^4\})$	22368256
12	$\mathcal{O}(0; \{12^5, 4^7, 3^{13}\})$	178958336
12	$\mathcal{O}(0; \{12^5, 4^9, 3, 2^{13}\})$	180224
12	$\mathcal{O}(0; \{12^5, 4^9, 3^4, 2^9\})$	1392640
12	$\mathcal{O}(0; \{12^5, 4^9, 3^7, 2^5\})$	11190272
12	$\mathcal{O}(0; \{12^5, 4^9, 3^{10}, 2\})$	89473024
12	$\mathcal{O}(0; \{12^5, 4^{11}, 3, 2^{10}\})$	720896

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 4^{11}, 3^4, 2^6\})$	5570560
12	$\mathcal{O}(0; \{12^5, 4^{11}, 3^7, 2^2\})$	44761088
12	$\mathcal{O}(0; \{12^5, 4^{13}, 3, 2^7\})$	2883584
12	$\mathcal{O}(0; \{12^5, 4^{13}, 3^4, 2^3\})$	22282240
12	$\mathcal{O}(0; \{12^5, 4^{15}, 3, 2^4\})$	11534336
12	$\mathcal{O}(0; \{12^5, 4^{15}, 3^4\})$	89128960
12	$\mathcal{O}(0; \{12^5, 4^{17}, 3, 2\})$	46137344
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^2, 2^{22}\})$	2752
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^5, 2^{18}\})$	21824
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^8, 2^{14}\})$	174784
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^{11}, 2^{10}\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^{14}, 2^6\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^{17}, 2^2\})$	89478464
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^2, 2^{19}\})$	11008
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^5, 2^{15}\})$	87296
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^8, 2^{11}\})$	699136
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^{11}, 2^7\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^{14}, 2^3\})$	44739328
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^2, 2^{16}\})$	44032
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^5, 2^{12}\})$	349184
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^8, 2^8\})$	2796544
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^{11}, 2^4\})$	22369280
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^{14}\})$	178957312
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 3^2, 2^{13}\})$	176128
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 3^5, 2^9\})$	1396736
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 3^8, 2^5\})$	11186176
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 3^{11}, 2\})$	89477120
12	$\mathcal{O}(0; \{12^5, 6, 4^9, 3^2, 2^{10}\})$	704512
12	$\mathcal{O}(0; \{12^5, 6, 4^9, 3^5, 2^6\})$	5586944
12	$\mathcal{O}(0; \{12^5, 6, 4^9, 3^8, 2^2\})$	44744704
12	$\mathcal{O}(0; \{12^5, 6, 4^{11}, 3^2, 2^7\})$	2818048
12	$\mathcal{O}(0; \{12^5, 6, 4^{11}, 3^5, 2^3\})$	22347776
12	$\mathcal{O}(0; \{12^5, 6, 4^{13}, 3^2, 2^4\})$	11272192
12	$\mathcal{O}(0; \{12^5, 6, 4^{13}, 3^5\})$	89391104
12	$\mathcal{O}(0; \{12^5, 6, 4^{15}, 3^2, 2\})$	45088768
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 2^{23}\})$	1344
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^3, 2^{19}\})$	10944
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^6, 2^{15}\})$	87360
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^9, 2^{11}\})$	699072
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^{12}, 2^7\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^{15}, 2^3\})$	44739264
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 2^{20}\})$	5376
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^3, 2^{16}\})$	43776

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^6, 2^{12}\})$	349440
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^9, 2^8\})$	2796288
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^{12}, 2^4\})$	22369536
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^{15}\})$	178957056
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 2^{17}\})$	21504
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3^3, 2^{13}\})$	175104
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3^6, 2^9\})$	1397760
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3^9, 2^5\})$	11185152
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3^{12}, 2\})$	89478144
12	$\mathcal{O}(0; \{12^5, 6^2, 4^7, 2^{14}\})$	86016
12	$\mathcal{O}(0; \{12^5, 6^2, 4^7, 3^3, 2^{10}\})$	700416
12	$\mathcal{O}(0; \{12^5, 6^2, 4^7, 3^6, 2^6\})$	5591040
12	$\mathcal{O}(0; \{12^5, 6^2, 4^7, 3^9, 2^2\})$	44740608
12	$\mathcal{O}(0; \{12^5, 6^2, 4^9, 2^{11}\})$	344064
12	$\mathcal{O}(0; \{12^5, 6^2, 4^9, 3^3, 2^7\})$	2801664
12	$\mathcal{O}(0; \{12^5, 6^2, 4^9, 3^6, 2^3\})$	22364160
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{11}, 2^8\})$	1376256
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{11}, 3^3, 2^4\})$	11206656
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{11}, 3^6\})$	89456640
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{13}, 2^5\})$	5505024
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{13}, 3^3, 2\})$	44826624
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{15}, 2^2\})$	22020096
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3, 2^{20}\})$	5440
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^4, 2^{16}\})$	43712
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^7, 2^{12}\})$	349504
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^{10}, 2^8\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^{13}, 2^4\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^{16}\})$	178956992
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3, 2^{17}\})$	21760
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^4, 2^{13}\})$	174848
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^7, 2^9\})$	1398016
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^{10}, 2^5\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^{13}, 2\})$	89478400
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 3, 2^{14}\})$	87040
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 3^4, 2^{10}\})$	699392
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 3^7, 2^6\})$	5592064
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 3^{10}, 2^2\})$	44739584
12	$\mathcal{O}(0; \{12^5, 6^3, 4^7, 3, 2^{11}\})$	348160
12	$\mathcal{O}(0; \{12^5, 6^3, 4^7, 3^4, 2^7\})$	2797568
12	$\mathcal{O}(0; \{12^5, 6^3, 4^7, 3^7, 2^3\})$	22368256
12	$\mathcal{O}(0; \{12^5, 6^3, 4^9, 3, 2^8\})$	1392640
12	$\mathcal{O}(0; \{12^5, 6^3, 4^9, 3^4, 2^4\})$	11190272
12	$\mathcal{O}(0; \{12^5, 6^3, 4^9, 3^7\})$	89473024

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6^3, 4^{11}, 3, 2^5\})$	5570560
12	$\mathcal{O}(0; \{12^5, 6^3, 4^{11}, 3^4, 2\})$	44761088
12	$\mathcal{O}(0; \{12^5, 6^3, 4^{13}, 3, 2^2\})$	22282240
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^2, 2^{17}\})$	21824
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^5, 2^{13}\})$	174784
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^8, 2^9\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^{11}, 2^5\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^{14}, 2\})$	89478464
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3^2, 2^{14}\})$	87296
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3^5, 2^{10}\})$	699136
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3^8, 2^6\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3^{11}, 2^2\})$	44739328
12	$\mathcal{O}(0; \{12^5, 6^4, 4^5, 3^2, 2^{11}\})$	349184
12	$\mathcal{O}(0; \{12^5, 6^4, 4^5, 3^5, 2^7\})$	2796544
12	$\mathcal{O}(0; \{12^5, 6^4, 4^5, 3^8, 2^3\})$	22369280
12	$\mathcal{O}(0; \{12^5, 6^4, 4^7, 3^2, 2^8\})$	1396736
12	$\mathcal{O}(0; \{12^5, 6^4, 4^7, 3^5, 2^4\})$	11186176
12	$\mathcal{O}(0; \{12^5, 6^4, 4^7, 3^8\})$	89477120
12	$\mathcal{O}(0; \{12^5, 6^4, 4^9, 3^2, 2^5\})$	5586944
12	$\mathcal{O}(0; \{12^5, 6^4, 4^9, 3^5, 2\})$	44744704
12	$\mathcal{O}(0; \{12^5, 6^4, 4^{11}, 3^2, 2^2\})$	22347776
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 2^{18}\})$	10944
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^3, 2^{14}\})$	87360
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^6, 2^{10}\})$	699072
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^9, 2^6\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^{12}, 2^2\})$	44739264
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 2^{15}\})$	43776
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 3^3, 2^{11}\})$	349440
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 3^6, 2^7\})$	2796288
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 3^9, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^5, 6^5, 4^5, 2^{12}\})$	175104
12	$\mathcal{O}(0; \{12^5, 6^5, 4^5, 3^3, 2^8\})$	1397760
12	$\mathcal{O}(0; \{12^5, 6^5, 4^5, 3^6, 2^4\})$	11185152
12	$\mathcal{O}(0; \{12^5, 6^5, 4^5, 3^9\})$	89478144
12	$\mathcal{O}(0; \{12^5, 6^5, 4^7, 2^9\})$	700416
12	$\mathcal{O}(0; \{12^5, 6^5, 4^7, 3^3, 2^5\})$	5591040
12	$\mathcal{O}(0; \{12^5, 6^5, 4^7, 3^6, 2\})$	44740608
12	$\mathcal{O}(0; \{12^5, 6^5, 4^9, 2^6\})$	2801664
12	$\mathcal{O}(0; \{12^5, 6^5, 4^9, 3^3, 2^2\})$	22364160
12	$\mathcal{O}(0; \{12^5, 6^5, 4^{11}, 2^3\})$	11206656
12	$\mathcal{O}(0; \{12^5, 6^5, 4^{13}\})$	44826624
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3, 2^{15}\})$	43712
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3^4, 2^{11}\})$	349504

Continued on next page

Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3^7, 2^7\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3^{10}, 2^3\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6^6, 4^3, 3, 2^{12}\})$	174848
12	$\mathcal{O}(0; \{12^5, 6^6, 4^3, 3^4, 2^8\})$	1398016
12	$\mathcal{O}(0; \{12^5, 6^6, 4^3, 3^7, 2^4\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^6, 4^3, 3^{10}\})$	89478400
12	$\mathcal{O}(0; \{12^5, 6^6, 4^5, 3, 2^9\})$	699392
12	$\mathcal{O}(0; \{12^5, 6^6, 4^5, 3^4, 2^5\})$	5592064
12	$\mathcal{O}(0; \{12^5, 6^6, 4^5, 3^7, 2\})$	44739584
12	$\mathcal{O}(0; \{12^5, 6^6, 4^7, 3, 2^6\})$	2797568
12	$\mathcal{O}(0; \{12^5, 6^6, 4^7, 3^4, 2^2\})$	22368256
12	$\mathcal{O}(0; \{12^5, 6^6, 4^9, 3, 2^3\})$	11190272
12	$\mathcal{O}(0; \{12^5, 6^6, 4^{11}, 3\})$	44761088
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 3^2, 2^{12}\})$	174784
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 3^5, 2^8\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 3^8, 2^4\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 3^{11}\})$	89478464
12	$\mathcal{O}(0; \{12^5, 6^7, 4^3, 3^2, 2^9\})$	699136
12	$\mathcal{O}(0; \{12^5, 6^7, 4^3, 3^5, 2^5\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^7, 4^3, 3^8, 2\})$	44739328
12	$\mathcal{O}(0; \{12^5, 6^7, 4^5, 3^2, 2^6\})$	2796544
12	$\mathcal{O}(0; \{12^5, 6^7, 4^5, 3^5, 2^2\})$	22369280
12	$\mathcal{O}(0; \{12^5, 6^7, 4^7, 3^2, 2^3\})$	11186176
12	$\mathcal{O}(0; \{12^5, 6^7, 4^9, 3^2\})$	44744704
12	$\mathcal{O}(0; \{12^5, 6^8, 4, 2^{13}\})$	87360
12	$\mathcal{O}(0; \{12^5, 6^8, 4, 3^3, 2^9\})$	699072
12	$\mathcal{O}(0; \{12^5, 6^8, 4, 3^6, 2^5\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^8, 4, 3^9, 2\})$	44739264
12	$\mathcal{O}(0; \{12^5, 6^8, 4^3, 2^{10}\})$	349440
12	$\mathcal{O}(0; \{12^5, 6^8, 4^3, 3^3, 2^6\})$	2796288
12	$\mathcal{O}(0; \{12^5, 6^8, 4^3, 3^6, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^5, 6^8, 4^5, 2^7\})$	1397760
12	$\mathcal{O}(0; \{12^5, 6^8, 4^5, 3^3, 2^3\})$	11185152
12	$\mathcal{O}(0; \{12^5, 6^8, 4^7, 2^4\})$	5591040
12	$\mathcal{O}(0; \{12^5, 6^8, 4^7, 3^3\})$	44740608
12	$\mathcal{O}(0; \{12^5, 6^8, 4^9, 2\})$	22364160
12	$\mathcal{O}(0; \{12^5, 6^9, 4, 3, 2^{10}\})$	349504
12	$\mathcal{O}(0; \{12^5, 6^9, 4, 3^4, 2^6\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^9, 4, 3^7, 2^2\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6^9, 4^3, 3, 2^7\})$	1398016
12	$\mathcal{O}(0; \{12^5, 6^9, 4^3, 3^4, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^9, 4^5, 3, 2^4\})$	5592064
12	$\mathcal{O}(0; \{12^5, 6^9, 4^5, 3^4\})$	44739584

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6^9, 4^7, 3, 2\})$	22368256
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4, 3^2, 2^7\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4, 3^5, 2^3\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4^3, 3^2, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4^3, 3^5\})$	44739328
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4^5, 3^2, 2\})$	22369280
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4, 2^8\})$	699072
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4, 3^3, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4, 3^6\})$	44739264
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4^3, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4^3, 3^3, 2\})$	22369536
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4^5, 2^2\})$	11185152
12	$\mathcal{O}(0; \{12^5, 6^{12}, 4, 3, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^{12}, 4, 3^4, 2\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6^{12}, 4^3, 3, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^{13}, 4, 3^2, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^{14}, 4, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^{14}, 4^3\})$	22369536
12	$\mathcal{O}(0; \{12^5, 6^{15}, 4, 3\})$	22369600
12	$\mathcal{O}(0; \{12^6, 2^{26}\})$	704
12	$\mathcal{O}(0; \{12^6, 3^3, 2^{22}\})$	5440
12	$\mathcal{O}(0; \{12^6, 3^6, 2^{18}\})$	43712
12	$\mathcal{O}(0; \{12^6, 3^9, 2^{14}\})$	349504
12	$\mathcal{O}(0; \{12^6, 3^{12}, 2^{10}\})$	2796224
12	$\mathcal{O}(0; \{12^6, 3^{15}, 2^6\})$	22369600
12	$\mathcal{O}(0; \{12^6, 3^{18}, 2^2\})$	178956992
12	$\mathcal{O}(0; \{12^6, 4^2, 2^{23}\})$	2816
12	$\mathcal{O}(0; \{12^6, 4^2, 3^3, 2^{19}\})$	21760
12	$\mathcal{O}(0; \{12^6, 4^2, 3^6, 2^{15}\})$	174848
12	$\mathcal{O}(0; \{12^6, 4^2, 3^9, 2^{11}\})$	1398016
12	$\mathcal{O}(0; \{12^6, 4^2, 3^{12}, 2^7\})$	11184896
12	$\mathcal{O}(0; \{12^6, 4^2, 3^{15}, 2^3\})$	89478400
12	$\mathcal{O}(0; \{12^6, 4^4, 2^{20}\})$	11264
12	$\mathcal{O}(0; \{12^6, 4^4, 3^3, 2^{16}\})$	87040
12	$\mathcal{O}(0; \{12^6, 4^4, 3^6, 2^{12}\})$	699392
12	$\mathcal{O}(0; \{12^6, 4^4, 3^9, 2^8\})$	5592064
12	$\mathcal{O}(0; \{12^6, 4^4, 3^{12}, 2^4\})$	44739584
12	$\mathcal{O}(0; \{12^6, 4^4, 3^{15}\})$	357913600
12	$\mathcal{O}(0; \{12^6, 4^6, 2^{17}\})$	45056
12	$\mathcal{O}(0; \{12^6, 4^6, 3^3, 2^{13}\})$	348160
12	$\mathcal{O}(0; \{12^6, 4^6, 3^6, 2^9\})$	2797568
12	$\mathcal{O}(0; \{12^6, 4^6, 3^9, 2^5\})$	22368256
12	$\mathcal{O}(0; \{12^6, 4^6, 3^{12}, 2\})$	178958336

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 4^8, 2^{14}\})$	180224
12	$\mathcal{O}(0; \{12^6, 4^8, 3^3, 2^{10}\})$	1392640
12	$\mathcal{O}(0; \{12^6, 4^8, 3^6, 2^6\})$	11190272
12	$\mathcal{O}(0; \{12^6, 4^8, 3^9, 2^2\})$	89473024
12	$\mathcal{O}(0; \{12^6, 4^{10}, 2^{11}\})$	720896
12	$\mathcal{O}(0; \{12^6, 4^{10}, 3^3, 2^7\})$	5570560
12	$\mathcal{O}(0; \{12^6, 4^{10}, 3^6, 2^3\})$	44761088
12	$\mathcal{O}(0; \{12^6, 4^{12}, 2^8\})$	2883584
12	$\mathcal{O}(0; \{12^6, 4^{12}, 3^3, 2^4\})$	22282240
12	$\mathcal{O}(0; \{12^6, 4^{12}, 3^6\})$	179044352
12	$\mathcal{O}(0; \{12^6, 4^{14}, 2^5\})$	11534336
12	$\mathcal{O}(0; \{12^6, 4^{14}, 3^3, 2\})$	89128960
12	$\mathcal{O}(0; \{12^6, 4^{16}, 2^2\})$	46137344
12	$\mathcal{O}(0; \{12^6, 6, 3, 2^{23}\})$	2752
12	$\mathcal{O}(0; \{12^6, 6, 3^4, 2^{19}\})$	21824
12	$\mathcal{O}(0; \{12^6, 6, 3^7, 2^{15}\})$	174784
12	$\mathcal{O}(0; \{12^6, 6, 3^{10}, 2^{11}\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6, 3^{13}, 2^7\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6, 3^{16}, 2^3\})$	89478464
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3, 2^{20}\})$	11008
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^4, 2^{16}\})$	87296
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^7, 2^{12}\})$	699136
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^{10}, 2^8\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^{13}, 2^4\})$	44739328
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^{16}\})$	357913856
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3, 2^{17}\})$	44032
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^4, 2^{13}\})$	349184
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^7, 2^9\})$	2796544
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^{10}, 2^5\})$	22369280
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^{13}, 2\})$	178957312
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 3, 2^{14}\})$	176128
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 3^4, 2^{10}\})$	1396736
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 3^7, 2^6\})$	11186176
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 3^{10}, 2^2\})$	89477120
12	$\mathcal{O}(0; \{12^6, 6, 4^8, 3, 2^{11}\})$	704512
12	$\mathcal{O}(0; \{12^6, 6, 4^8, 3^4, 2^7\})$	5586944
12	$\mathcal{O}(0; \{12^6, 6, 4^8, 3^7, 2^3\})$	44744704
12	$\mathcal{O}(0; \{12^6, 6, 4^{10}, 3, 2^8\})$	2818048
12	$\mathcal{O}(0; \{12^6, 6, 4^{10}, 3^4, 2^4\})$	22347776
12	$\mathcal{O}(0; \{12^6, 6, 4^{10}, 3^7\})$	178978816
12	$\mathcal{O}(0; \{12^6, 6, 4^{12}, 3, 2^5\})$	11272192
12	$\mathcal{O}(0; \{12^6, 6, 4^{12}, 3^4, 2\})$	89391104
12	$\mathcal{O}(0; \{12^6, 6, 4^{14}, 3, 2^2\})$	45088768

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6^2, 3^2, 2^{20}\})$	10944
12	$\mathcal{O}(0; \{12^6, 6^2, 3^5, 2^{16}\})$	87360
12	$\mathcal{O}(0; \{12^6, 6^2, 3^8, 2^{12}\})$	699072
12	$\mathcal{O}(0; \{12^6, 6^2, 3^{11}, 2^8\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^2, 3^{14}, 2^4\})$	44739264
12	$\mathcal{O}(0; \{12^6, 6^2, 3^{17}\})$	357913920
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^2, 2^{17}\})$	43776
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^5, 2^{13}\})$	349440
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^8, 2^9\})$	2796288
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^{11}, 2^5\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^{14}, 2\})$	178957056
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3^2, 2^{14}\})$	175104
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3^5, 2^{10}\})$	1397760
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3^8, 2^6\})$	11185152
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3^{11}, 2^2\})$	89478144
12	$\mathcal{O}(0; \{12^6, 6^2, 4^6, 3^2, 2^{11}\})$	700416
12	$\mathcal{O}(0; \{12^6, 6^2, 4^6, 3^5, 2^7\})$	5591040
12	$\mathcal{O}(0; \{12^6, 6^2, 4^6, 3^8, 2^3\})$	44740608
12	$\mathcal{O}(0; \{12^6, 6^2, 4^8, 3^2, 2^8\})$	2801664
12	$\mathcal{O}(0; \{12^6, 6^2, 4^8, 3^5, 2^4\})$	22364160
12	$\mathcal{O}(0; \{12^6, 6^2, 4^8, 3^8\})$	178962432
12	$\mathcal{O}(0; \{12^6, 6^2, 4^{10}, 3^2, 2^5\})$	11206656
12	$\mathcal{O}(0; \{12^6, 6^2, 4^{10}, 3^5, 2\})$	89456640
12	$\mathcal{O}(0; \{12^6, 6^2, 4^{12}, 3^2, 2^2\})$	44826624
12	$\mathcal{O}(0; \{12^6, 6^3, 2^{21}\})$	5440
12	$\mathcal{O}(0; \{12^6, 6^3, 3^3, 2^{17}\})$	43712
12	$\mathcal{O}(0; \{12^6, 6^3, 3^6, 2^{13}\})$	349504
12	$\mathcal{O}(0; \{12^6, 6^3, 3^9, 2^9\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^3, 3^{12}, 2^5\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^3, 3^{15}, 2\})$	178956992
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 2^{18}\})$	21760
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^3, 2^{14}\})$	174848
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^6, 2^{10}\})$	1398016
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^9, 2^6\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^{12}, 2^2\})$	89478400
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 2^{15}\})$	87040
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 3^3, 2^{11}\})$	699392
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 3^6, 2^7\})$	5592064
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 3^9, 2^3\})$	44739584
12	$\mathcal{O}(0; \{12^6, 6^3, 4^6, 2^{12}\})$	348160
12	$\mathcal{O}(0; \{12^6, 6^3, 4^6, 3^3, 2^8\})$	2797568
12	$\mathcal{O}(0; \{12^6, 6^3, 4^6, 3^6, 2^4\})$	22368256
12	$\mathcal{O}(0; \{12^6, 6^3, 4^6, 3^9\})$	178958336

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6^3, 4^8, 2^9\})$	1392640
12	$\mathcal{O}(0; \{12^6, 6^3, 4^8, 3^3, 2^5\})$	11190272
12	$\mathcal{O}(0; \{12^6, 6^3, 4^8, 3^6, 2\})$	89473024
12	$\mathcal{O}(0; \{12^6, 6^3, 4^{10}, 2^6\})$	5570560
12	$\mathcal{O}(0; \{12^6, 6^3, 4^{10}, 3^3, 2^2\})$	44761088
12	$\mathcal{O}(0; \{12^6, 6^3, 4^{12}, 2^3\})$	22282240
12	$\mathcal{O}(0; \{12^6, 6^3, 4^{14}\})$	89128960
12	$\mathcal{O}(0; \{12^6, 6^4, 3, 2^{18}\})$	21824
12	$\mathcal{O}(0; \{12^6, 6^4, 3^4, 2^{14}\})$	174784
12	$\mathcal{O}(0; \{12^6, 6^4, 3^7, 2^{10}\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6^4, 3^{10}, 2^6\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^4, 3^{13}, 2^2\})$	89478464
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3, 2^{15}\})$	87296
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3^4, 2^{11}\})$	699136
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3^7, 2^7\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3^{10}, 2^3\})$	44739328
12	$\mathcal{O}(0; \{12^6, 6^4, 4^4, 3, 2^{12}\})$	349184
12	$\mathcal{O}(0; \{12^6, 6^4, 4^4, 3^4, 2^8\})$	2796544
12	$\mathcal{O}(0; \{12^6, 6^4, 4^4, 3^7, 2^4\})$	22369280
12	$\mathcal{O}(0; \{12^6, 6^4, 4^4, 3^{10}\})$	178957312
12	$\mathcal{O}(0; \{12^6, 6^4, 4^6, 3, 2^9\})$	1396736
12	$\mathcal{O}(0; \{12^6, 6^4, 4^6, 3^4, 2^5\})$	11186176
12	$\mathcal{O}(0; \{12^6, 6^4, 4^6, 3^7, 2\})$	89477120
12	$\mathcal{O}(0; \{12^6, 6^4, 4^8, 3, 2^6\})$	5586944
12	$\mathcal{O}(0; \{12^6, 6^4, 4^8, 3^4, 2^2\})$	44744704
12	$\mathcal{O}(0; \{12^6, 6^4, 4^{10}, 3, 2^3\})$	22347776
12	$\mathcal{O}(0; \{12^6, 6^4, 4^{12}, 3\})$	89391104
12	$\mathcal{O}(0; \{12^6, 6^5, 3^2, 2^{15}\})$	87360
12	$\mathcal{O}(0; \{12^6, 6^5, 3^5, 2^{11}\})$	699072
12	$\mathcal{O}(0; \{12^6, 6^5, 3^8, 2^7\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^5, 3^{11}, 2^3\})$	44739264
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 3^2, 2^{12}\})$	349440
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 3^5, 2^8\})$	2796288
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 3^8, 2^4\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 3^{11}\})$	178957056
12	$\mathcal{O}(0; \{12^6, 6^5, 4^4, 3^2, 2^9\})$	1397760
12	$\mathcal{O}(0; \{12^6, 6^5, 4^4, 3^5, 2^5\})$	11185152
12	$\mathcal{O}(0; \{12^6, 6^5, 4^4, 3^8, 2\})$	89478144
12	$\mathcal{O}(0; \{12^6, 6^5, 4^6, 3^2, 2^6\})$	5591040
12	$\mathcal{O}(0; \{12^6, 6^5, 4^6, 3^5, 2^2\})$	44740608
12	$\mathcal{O}(0; \{12^6, 6^5, 4^8, 3^2, 2^3\})$	22364160
12	$\mathcal{O}(0; \{12^6, 6^5, 4^{10}, 3^2\})$	89456640
12	$\mathcal{O}(0; \{12^6, 6^6, 2^{16}\})$	43712

Continued on next page

Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6^6, 3^3, 2^{12}\})$	349504
12	$\mathcal{O}(0; \{12^6, 6^6, 3^6, 2^8\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^6, 3^9, 2^4\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^6, 3^{12}\})$	178956992
12	$\mathcal{O}(0; \{12^6, 6^6, 4^2, 2^{13}\})$	174848
12	$\mathcal{O}(0; \{12^6, 6^6, 4^2, 3^3, 2^9\})$	1398016
12	$\mathcal{O}(0; \{12^6, 6^6, 4^2, 3^6, 2^5\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^6, 4^2, 3^9, 2\})$	89478400
12	$\mathcal{O}(0; \{12^6, 6^6, 4^4, 2^{10}\})$	699392
12	$\mathcal{O}(0; \{12^6, 6^6, 4^4, 3^3, 2^6\})$	5592064
12	$\mathcal{O}(0; \{12^6, 6^6, 4^4, 3^6, 2^2\})$	44739584
12	$\mathcal{O}(0; \{12^6, 6^6, 4^6, 2^7\})$	2797568
12	$\mathcal{O}(0; \{12^6, 6^6, 4^6, 3^3, 2^3\})$	22368256
12	$\mathcal{O}(0; \{12^6, 6^6, 4^8, 2^4\})$	11190272
12	$\mathcal{O}(0; \{12^6, 6^6, 4^8, 3^3\})$	89473024
12	$\mathcal{O}(0; \{12^6, 6^6, 4^{10}, 2\})$	44761088
12	$\mathcal{O}(0; \{12^6, 6^7, 3, 2^{13}\})$	174784
12	$\mathcal{O}(0; \{12^6, 6^7, 3^4, 2^9\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6^7, 3^7, 2^5\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^7, 3^{10}, 2\})$	89478464
12	$\mathcal{O}(0; \{12^6, 6^7, 4^2, 3, 2^{10}\})$	699136
12	$\mathcal{O}(0; \{12^6, 6^7, 4^2, 3^4, 2^6\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6^7, 4^2, 3^7, 2^2\})$	44739328
12	$\mathcal{O}(0; \{12^6, 6^7, 4^4, 3, 2^7\})$	2796544
12	$\mathcal{O}(0; \{12^6, 6^7, 4^4, 3^4, 2^3\})$	22369280
12	$\mathcal{O}(0; \{12^6, 6^7, 4^6, 3, 2^4\})$	11186176
12	$\mathcal{O}(0; \{12^6, 6^7, 4^6, 3^4\})$	89477120
12	$\mathcal{O}(0; \{12^6, 6^7, 4^8, 3, 2\})$	44744704
12	$\mathcal{O}(0; \{12^6, 6^8, 3^2, 2^{10}\})$	699072
12	$\mathcal{O}(0; \{12^6, 6^8, 3^5, 2^6\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^8, 3^8, 2^2\})$	44739264
12	$\mathcal{O}(0; \{12^6, 6^8, 4^2, 3^2, 2^7\})$	2796288
12	$\mathcal{O}(0; \{12^6, 6^8, 4^2, 3^5, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^8, 4^4, 3^2, 2^4\})$	11185152
12	$\mathcal{O}(0; \{12^6, 6^8, 4^4, 3^5\})$	89478144
12	$\mathcal{O}(0; \{12^6, 6^8, 4^6, 3^2, 2\})$	44740608
12	$\mathcal{O}(0; \{12^6, 6^9, 2^{11}\})$	349504
12	$\mathcal{O}(0; \{12^6, 6^9, 3^3, 2^7\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^9, 3^6, 2^3\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^9, 4^2, 2^8\})$	1398016
12	$\mathcal{O}(0; \{12^6, 6^9, 4^2, 3^3, 2^4\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^9, 4^2, 3^6\})$	89478400
12	$\mathcal{O}(0; \{12^6, 6^9, 4^4, 2^5\})$	5592064

Continued on next page

Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6^9, 4^4, 3^3, 2\})$	44739584
12	$\mathcal{O}(0; \{12^6, 6^9, 4^6, 2^2\})$	22368256
12	$\mathcal{O}(0; \{12^6, 6^{10}, 3, 2^8\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6^{10}, 3^4, 2^4\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^{10}, 3^7\})$	89478464
12	$\mathcal{O}(0; \{12^6, 6^{10}, 4^2, 3, 2^5\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6^{10}, 4^2, 3^4, 2\})$	44739328
12	$\mathcal{O}(0; \{12^6, 6^{10}, 4^4, 3, 2^2\})$	22369280
12	$\mathcal{O}(0; \{12^6, 6^{11}, 3^2, 2^5\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^{11}, 3^5, 2\})$	44739264
12	$\mathcal{O}(0; \{12^6, 6^{11}, 4^2, 3^2, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^{12}, 2^6\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^{12}, 3^3, 2^2\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^{12}, 4^2, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^{12}, 4^4\})$	44739584
12	$\mathcal{O}(0; \{12^6, 6^{13}, 3, 2^3\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^{13}, 4^2, 3\})$	44739328
12	$\mathcal{O}(0; \{12^6, 6^{14}, 3^2\})$	44739264
12	$\mathcal{O}(0; \{12^6, 6^{15}, 2\})$	22369600
12	$\mathcal{O}(0; \{12^7, 4, 3^2, 2^{20}\})$	21760
12	$\mathcal{O}(0; \{12^7, 4, 3^5, 2^{16}\})$	174848
12	$\mathcal{O}(0; \{12^7, 4, 3^8, 2^{12}\})$	1398016
12	$\mathcal{O}(0; \{12^7, 4, 3^{11}, 2^8\})$	11184896
12	$\mathcal{O}(0; \{12^7, 4, 3^{14}, 2^4\})$	89478400
12	$\mathcal{O}(0; \{12^7, 4, 3^{17}\})$	715827968
12	$\mathcal{O}(0; \{12^7, 4^3, 3^2, 2^{17}\})$	87040
12	$\mathcal{O}(0; \{12^7, 4^3, 3^5, 2^{13}\})$	699392
12	$\mathcal{O}(0; \{12^7, 4^3, 3^8, 2^9\})$	5592064
12	$\mathcal{O}(0; \{12^7, 4^3, 3^{11}, 2^5\})$	44739584
12	$\mathcal{O}(0; \{12^7, 4^3, 3^{14}, 2\})$	357913600
12	$\mathcal{O}(0; \{12^7, 4^5, 3^2, 2^{14}\})$	348160
12	$\mathcal{O}(0; \{12^7, 4^5, 3^5, 2^{10}\})$	2797568
12	$\mathcal{O}(0; \{12^7, 4^5, 3^8, 2^6\})$	22368256
12	$\mathcal{O}(0; \{12^7, 4^5, 3^{11}, 2^2\})$	178958336
12	$\mathcal{O}(0; \{12^7, 4^7, 3^2, 2^{11}\})$	1392640
12	$\mathcal{O}(0; \{12^7, 4^7, 3^5, 2^7\})$	11190272
12	$\mathcal{O}(0; \{12^7, 4^7, 3^8, 2^3\})$	89473024
12	$\mathcal{O}(0; \{12^7, 4^9, 3^2, 2^8\})$	5570560
12	$\mathcal{O}(0; \{12^7, 4^9, 3^5, 2^4\})$	44761088
12	$\mathcal{O}(0; \{12^7, 4^9, 3^8\})$	357892096
12	$\mathcal{O}(0; \{12^7, 4^{11}, 3^2, 2^5\})$	22282240
12	$\mathcal{O}(0; \{12^7, 4^{11}, 3^5, 2\})$	179044352
12	$\mathcal{O}(0; \{12^7, 4^{13}, 3^2, 2^2\})$	89128960

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^7, 6, 4, 2^{21}\})$	11008
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^3, 2^{17}\})$	87296
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^6, 2^{13}\})$	699136
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^9, 2^9\})$	5592320
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^{12}, 2^5\})$	44739328
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^{15}, 2\})$	357913856
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 2^{18}\})$	44032
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^3, 2^{14}\})$	349184
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^6, 2^{10}\})$	2796544
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^9, 2^6\})$	22369280
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^{12}, 2^2\})$	178957312
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 2^{15}\})$	176128
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 3^3, 2^{11}\})$	1396736
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 3^6, 2^7\})$	11186176
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 3^9, 2^3\})$	89477120
12	$\mathcal{O}(0; \{12^7, 6, 4^7, 2^{12}\})$	704512
12	$\mathcal{O}(0; \{12^7, 6, 4^7, 3^3, 2^8\})$	5586944
12	$\mathcal{O}(0; \{12^7, 6, 4^7, 3^6, 2^4\})$	44744704
12	$\mathcal{O}(0; \{12^7, 6, 4^7, 3^9\})$	357908480
12	$\mathcal{O}(0; \{12^7, 6, 4^9, 2^9\})$	2818048
12	$\mathcal{O}(0; \{12^7, 6, 4^9, 3^3, 2^5\})$	22347776
12	$\mathcal{O}(0; \{12^7, 6, 4^9, 3^6, 2\})$	178978816
12	$\mathcal{O}(0; \{12^7, 6, 4^{11}, 2^6\})$	11272192
12	$\mathcal{O}(0; \{12^7, 6, 4^{11}, 3^3, 2^2\})$	89391104
12	$\mathcal{O}(0; \{12^7, 6, 4^{13}, 2^3\})$	45088768
12	$\mathcal{O}(0; \{12^7, 6, 4^{15}\})$	180355072
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3, 2^{18}\})$	43776
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^4, 2^{14}\})$	349440
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^7, 2^{10}\})$	2796288
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^{10}, 2^6\})$	22369536
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^{13}, 2^2\})$	178957056
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3, 2^{15}\})$	175104
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3^4, 2^{11}\})$	1397760
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3^7, 2^7\})$	11185152
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3^{10}, 2^3\})$	89478144
12	$\mathcal{O}(0; \{12^7, 6^2, 4^5, 3, 2^{12}\})$	700416
12	$\mathcal{O}(0; \{12^7, 6^2, 4^5, 3^4, 2^8\})$	5591040
12	$\mathcal{O}(0; \{12^7, 6^2, 4^5, 3^7, 2^4\})$	44740608
12	$\mathcal{O}(0; \{12^7, 6^2, 4^5, 3^{10}\})$	357912576
12	$\mathcal{O}(0; \{12^7, 6^2, 4^7, 3, 2^9\})$	2801664
12	$\mathcal{O}(0; \{12^7, 6^2, 4^7, 3^4, 2^5\})$	22364160
12	$\mathcal{O}(0; \{12^7, 6^2, 4^7, 3^7, 2\})$	178962432
12	$\mathcal{O}(0; \{12^7, 6^2, 4^9, 3, 2^6\})$	11206656

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^7, 6^2, 4^9, 3^4, 2^2\})$	89456640
12	$\mathcal{O}(0; \{12^7, 6^2, 4^{11}, 3, 2^3\})$	44826624
12	$\mathcal{O}(0; \{12^7, 6^2, 4^{13}, 3\})$	179306496
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^2, 2^{15}\})$	174848
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^5, 2^{11}\})$	1398016
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^8, 2^7\})$	11184896
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^{11}, 2^3\})$	89478400
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 3^2, 2^{12}\})$	699392
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 3^5, 2^8\})$	5592064
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 3^8, 2^4\})$	44739584
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 3^{11}\})$	357913600
12	$\mathcal{O}(0; \{12^7, 6^3, 4^5, 3^2, 2^9\})$	2797568
12	$\mathcal{O}(0; \{12^7, 6^3, 4^5, 3^5, 2^5\})$	22368256
12	$\mathcal{O}(0; \{12^7, 6^3, 4^5, 3^8, 2\})$	178958336
12	$\mathcal{O}(0; \{12^7, 6^3, 4^7, 3^2, 2^6\})$	11190272
12	$\mathcal{O}(0; \{12^7, 6^3, 4^7, 3^5, 2^2\})$	89473024
12	$\mathcal{O}(0; \{12^7, 6^3, 4^9, 3^2, 2^3\})$	44761088
12	$\mathcal{O}(0; \{12^7, 6^3, 4^{11}, 3^2\})$	179044352
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 2^{16}\})$	87296
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3^3, 2^{12}\})$	699136
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3^6, 2^8\})$	5592320
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3^9, 2^4\})$	44739328
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3^{12}\})$	357913856
12	$\mathcal{O}(0; \{12^7, 6^4, 4^3, 2^{13}\})$	349184
12	$\mathcal{O}(0; \{12^7, 6^4, 4^3, 3^3, 2^9\})$	2796544
12	$\mathcal{O}(0; \{12^7, 6^4, 4^3, 3^6, 2^5\})$	22369280
12	$\mathcal{O}(0; \{12^7, 6^4, 4^3, 3^9, 2\})$	178957312
12	$\mathcal{O}(0; \{12^7, 6^4, 4^5, 2^{10}\})$	1396736
12	$\mathcal{O}(0; \{12^7, 6^4, 4^5, 3^3, 2^6\})$	11186176
12	$\mathcal{O}(0; \{12^7, 6^4, 4^5, 3^6, 2^2\})$	89477120
12	$\mathcal{O}(0; \{12^7, 6^4, 4^7, 2^7\})$	5586944
12	$\mathcal{O}(0; \{12^7, 6^4, 4^7, 3^3, 2^3\})$	44744704
12	$\mathcal{O}(0; \{12^7, 6^4, 4^9, 2^4\})$	22347776
12	$\mathcal{O}(0; \{12^7, 6^4, 4^9, 3^3\})$	178978816
12	$\mathcal{O}(0; \{12^7, 6^4, 4^{11}, 2\})$	89391104
12	$\mathcal{O}(0; \{12^7, 6^5, 4, 3, 2^{13}\})$	349440
12	$\mathcal{O}(0; \{12^7, 6^5, 4, 3^4, 2^9\})$	2796288
12	$\mathcal{O}(0; \{12^7, 6^5, 4, 3^7, 2^5\})$	22369536
12	$\mathcal{O}(0; \{12^7, 6^5, 4, 3^{10}, 2\})$	178957056
12	$\mathcal{O}(0; \{12^7, 6^5, 4^3, 3, 2^{10}\})$	1397760
12	$\mathcal{O}(0; \{12^7, 6^5, 4^3, 3^4, 2^6\})$	11185152
12	$\mathcal{O}(0; \{12^7, 6^5, 4^3, 3^7, 2^2\})$	89478144
12	$\mathcal{O}(0; \{12^7, 6^5, 4^5, 3, 2^7\})$	5591040

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^7, 6^5, 4^5, 3^4, 2^3\})$	44740608
12	$\mathcal{O}(0; \{12^7, 6^5, 4^7, 3, 2^4\})$	22364160
12	$\mathcal{O}(0; \{12^7, 6^5, 4^7, 3^4\})$	178962432
12	$\mathcal{O}(0; \{12^7, 6^5, 4^9, 3, 2\})$	89456640
12	$\mathcal{O}(0; \{12^7, 6^6, 4, 3^2, 2^{10}\})$	1398016
12	$\mathcal{O}(0; \{12^7, 6^6, 4, 3^5, 2^6\})$	11184896
12	$\mathcal{O}(0; \{12^7, 6^6, 4, 3^8, 2^2\})$	89478400
12	$\mathcal{O}(0; \{12^7, 6^6, 4^3, 3^2, 2^7\})$	5592064
12	$\mathcal{O}(0; \{12^7, 6^6, 4^3, 3^5, 2^3\})$	44739584
12	$\mathcal{O}(0; \{12^7, 6^6, 4^5, 3^2, 2^4\})$	22368256
12	$\mathcal{O}(0; \{12^7, 6^6, 4^5, 3^5\})$	178958336
12	$\mathcal{O}(0; \{12^7, 6^6, 4^7, 3^2, 2\})$	89473024
12	$\mathcal{O}(0; \{12^7, 6^7, 4, 2^{11}\})$	699136
12	$\mathcal{O}(0; \{12^7, 6^7, 4, 3^3, 2^7\})$	5592320
12	$\mathcal{O}(0; \{12^7, 6^7, 4, 3^6, 2^3\})$	44739328
12	$\mathcal{O}(0; \{12^7, 6^7, 4^3, 2^8\})$	2796544
12	$\mathcal{O}(0; \{12^7, 6^7, 4^3, 3^3, 2^4\})$	22369280
12	$\mathcal{O}(0; \{12^7, 6^7, 4^3, 3^6\})$	178957312
12	$\mathcal{O}(0; \{12^7, 6^7, 4^5, 2^5\})$	11186176
12	$\mathcal{O}(0; \{12^7, 6^7, 4^5, 3^3, 2\})$	89477120
12	$\mathcal{O}(0; \{12^7, 6^7, 4^7, 2^2\})$	44744704
12	$\mathcal{O}(0; \{12^7, 6^8, 4, 3, 2^8\})$	2796288
12	$\mathcal{O}(0; \{12^7, 6^8, 4, 3^4, 2^4\})$	22369536
12	$\mathcal{O}(0; \{12^7, 6^8, 4, 3^7\})$	178957056
12	$\mathcal{O}(0; \{12^7, 6^8, 4^3, 3, 2^5\})$	11185152
12	$\mathcal{O}(0; \{12^7, 6^8, 4^3, 3^4, 2\})$	89478144
12	$\mathcal{O}(0; \{12^7, 6^8, 4^5, 3, 2^2\})$	44740608
12	$\mathcal{O}(0; \{12^7, 6^9, 4, 3^2, 2^5\})$	11184896
12	$\mathcal{O}(0; \{12^7, 6^9, 4, 3^5, 2\})$	89478400
12	$\mathcal{O}(0; \{12^7, 6^9, 4^3, 3^2, 2^2\})$	44739584
12	$\mathcal{O}(0; \{12^7, 6^{10}, 4, 2^6\})$	5592320
12	$\mathcal{O}(0; \{12^7, 6^{10}, 4, 3^3, 2^2\})$	44739328
12	$\mathcal{O}(0; \{12^7, 6^{10}, 4^3, 2^3\})$	22369280
12	$\mathcal{O}(0; \{12^7, 6^{10}, 4^5\})$	89477120
12	$\mathcal{O}(0; \{12^7, 6^{11}, 4, 3, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^7, 6^{11}, 4^3, 3\})$	89478144
12	$\mathcal{O}(0; \{12^7, 6^{12}, 4, 3^2\})$	89478400
12	$\mathcal{O}(0; \{12^7, 6^{13}, 4, 2\})$	44739328
12	$\mathcal{O}(0; \{12^8, 3, 2^{21}\})$	21760
12	$\mathcal{O}(0; \{12^8, 3^4, 2^{17}\})$	174848
12	$\mathcal{O}(0; \{12^8, 3^7, 2^{13}\})$	1398016
12	$\mathcal{O}(0; \{12^8, 3^{10}, 2^9\})$	11184896
12	$\mathcal{O}(0; \{12^8, 3^{13}, 2^5\})$	89478400

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^8, 3^{16}, 2\})$	715827968
12	$\mathcal{O}(0; \{12^8, 4^2, 3, 2^{18}\})$	87040
12	$\mathcal{O}(0; \{12^8, 4^2, 3^4, 2^{14}\})$	699392
12	$\mathcal{O}(0; \{12^8, 4^2, 3^7, 2^{10}\})$	5592064
12	$\mathcal{O}(0; \{12^8, 4^2, 3^{10}, 2^6\})$	44739584
12	$\mathcal{O}(0; \{12^8, 4^2, 3^{13}, 2^2\})$	357913600
12	$\mathcal{O}(0; \{12^8, 4^4, 3, 2^{15}\})$	348160
12	$\mathcal{O}(0; \{12^8, 4^4, 3^4, 2^{11}\})$	2797568
12	$\mathcal{O}(0; \{12^8, 4^4, 3^7, 2^7\})$	22368256
12	$\mathcal{O}(0; \{12^8, 4^4, 3^{10}, 2^3\})$	178958336
12	$\mathcal{O}(0; \{12^8, 4^6, 3, 2^{12}\})$	1392640
12	$\mathcal{O}(0; \{12^8, 4^6, 3^4, 2^8\})$	11190272
12	$\mathcal{O}(0; \{12^8, 4^6, 3^7, 2^4\})$	89473024
12	$\mathcal{O}(0; \{12^8, 4^6, 3^{10}\})$	715833344
12	$\mathcal{O}(0; \{12^8, 4^8, 3, 2^9\})$	5570560
12	$\mathcal{O}(0; \{12^8, 4^8, 3^4, 2^5\})$	44761088
12	$\mathcal{O}(0; \{12^8, 4^8, 3^7, 2\})$	357892096
12	$\mathcal{O}(0; \{12^8, 4^{10}, 3, 2^6\})$	22282240
12	$\mathcal{O}(0; \{12^8, 4^{10}, 3^4, 2^2\})$	179044352
12	$\mathcal{O}(0; \{12^8, 4^{12}, 3, 2^3\})$	89128960
12	$\mathcal{O}(0; \{12^8, 4^{14}, 3\})$	356515840
12	$\mathcal{O}(0; \{12^8, 6, 3^2, 2^{18}\})$	87296
12	$\mathcal{O}(0; \{12^8, 6, 3^5, 2^{14}\})$	699136
12	$\mathcal{O}(0; \{12^8, 6, 3^8, 2^{10}\})$	5592320
12	$\mathcal{O}(0; \{12^8, 6, 3^{11}, 2^6\})$	44739328
12	$\mathcal{O}(0; \{12^8, 6, 3^{14}, 2^2\})$	357913856
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^2, 2^{15}\})$	349184
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^5, 2^{11}\})$	2796544
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^8, 2^7\})$	22369280
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^{11}, 2^3\})$	178957312
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 3^2, 2^{12}\})$	1396736
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 3^5, 2^8\})$	11186176
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 3^8, 2^4\})$	89477120
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 3^{11}\})$	715829248
12	$\mathcal{O}(0; \{12^8, 6, 4^6, 3^2, 2^9\})$	5586944
12	$\mathcal{O}(0; \{12^8, 6, 4^6, 3^5, 2^5\})$	44744704
12	$\mathcal{O}(0; \{12^8, 6, 4^6, 3^8, 2\})$	357908480
12	$\mathcal{O}(0; \{12^8, 6, 4^8, 3^2, 2^6\})$	22347776
12	$\mathcal{O}(0; \{12^8, 6, 4^8, 3^5, 2^2\})$	178978816
12	$\mathcal{O}(0; \{12^8, 6, 4^{10}, 3^2, 2^3\})$	89391104
12	$\mathcal{O}(0; \{12^8, 6, 4^{12}, 3^2\})$	357564416
12	$\mathcal{O}(0; \{12^8, 6^2, 2^{19}\})$	43776
12	$\mathcal{O}(0; \{12^8, 6^2, 3^3, 2^{15}\})$	349440

Continued on next page

Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^8, 6^2, 3^6, 2^{11}\})$	2796288
12	$\mathcal{O}(0; \{12^8, 6^2, 3^9, 2^7\})$	22369536
12	$\mathcal{O}(0; \{12^8, 6^2, 3^{12}, 2^3\})$	178957056
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 2^{16}\})$	175104
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3^3, 2^{12}\})$	1397760
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3^6, 2^8\})$	11185152
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3^9, 2^4\})$	89478144
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3^{12}\})$	715828224
12	$\mathcal{O}(0; \{12^8, 6^2, 4^4, 2^{13}\})$	700416
12	$\mathcal{O}(0; \{12^8, 6^2, 4^4, 3^3, 2^9\})$	5591040
12	$\mathcal{O}(0; \{12^8, 6^2, 4^4, 3^6, 2^5\})$	44740608
12	$\mathcal{O}(0; \{12^8, 6^2, 4^4, 3^9, 2\})$	357912576
12	$\mathcal{O}(0; \{12^8, 6^2, 4^6, 2^{10}\})$	2801664
12	$\mathcal{O}(0; \{12^8, 6^2, 4^6, 3^3, 2^6\})$	22364160
12	$\mathcal{O}(0; \{12^8, 6^2, 4^6, 3^6, 2^2\})$	178962432
12	$\mathcal{O}(0; \{12^8, 6^2, 4^8, 2^7\})$	11206656
12	$\mathcal{O}(0; \{12^8, 6^2, 4^8, 3^3, 2^3\})$	89456640
12	$\mathcal{O}(0; \{12^8, 6^2, 4^{10}, 2^4\})$	44826624
12	$\mathcal{O}(0; \{12^8, 6^2, 4^{10}, 3^3\})$	357826560
12	$\mathcal{O}(0; \{12^8, 6^2, 4^{12}, 2\})$	179306496
12	$\mathcal{O}(0; \{12^8, 6^3, 3, 2^{16}\})$	174848
12	$\mathcal{O}(0; \{12^8, 6^3, 3^4, 2^{12}\})$	1398016
12	$\mathcal{O}(0; \{12^8, 6^3, 3^7, 2^8\})$	11184896
12	$\mathcal{O}(0; \{12^8, 6^3, 3^{10}, 2^4\})$	89478400
12	$\mathcal{O}(0; \{12^8, 6^3, 3^{13}\})$	715827968
12	$\mathcal{O}(0; \{12^8, 6^3, 4^2, 3, 2^{13}\})$	699392
12	$\mathcal{O}(0; \{12^8, 6^3, 4^2, 3^4, 2^9\})$	5592064
12	$\mathcal{O}(0; \{12^8, 6^3, 4^2, 3^7, 2^5\})$	44739584
12	$\mathcal{O}(0; \{12^8, 6^3, 4^2, 3^{10}, 2\})$	357913600
12	$\mathcal{O}(0; \{12^8, 6^3, 4^4, 3, 2^{10}\})$	2797568
12	$\mathcal{O}(0; \{12^8, 6^3, 4^4, 3^4, 2^6\})$	22368256
12	$\mathcal{O}(0; \{12^8, 6^3, 4^4, 3^7, 2^2\})$	178958336
12	$\mathcal{O}(0; \{12^8, 6^3, 4^6, 3, 2^7\})$	11190272
12	$\mathcal{O}(0; \{12^8, 6^3, 4^6, 3^4, 2^3\})$	89473024
12	$\mathcal{O}(0; \{12^8, 6^3, 4^8, 3, 2^4\})$	44761088
12	$\mathcal{O}(0; \{12^8, 6^3, 4^8, 3^4\})$	357892096
12	$\mathcal{O}(0; \{12^8, 6^3, 4^{10}, 3, 2\})$	179044352
12	$\mathcal{O}(0; \{12^8, 6^4, 3^2, 2^{13}\})$	699136
12	$\mathcal{O}(0; \{12^8, 6^4, 3^5, 2^9\})$	5592320
12	$\mathcal{O}(0; \{12^8, 6^4, 3^8, 2^5\})$	44739328
12	$\mathcal{O}(0; \{12^8, 6^4, 3^{11}, 2\})$	357913856
12	$\mathcal{O}(0; \{12^8, 6^4, 4^2, 3^2, 2^{10}\})$	2796544
12	$\mathcal{O}(0; \{12^8, 6^4, 4^2, 3^5, 2^6\})$	22369280

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^8, 6^4, 4^2, 3^8, 2^2\})$	178957312
12	$\mathcal{O}(0; \{12^8, 6^4, 4^4, 3^2, 2^7\})$	11186176
12	$\mathcal{O}(0; \{12^8, 6^4, 4^4, 3^5, 2^3\})$	89477120
12	$\mathcal{O}(0; \{12^8, 6^4, 4^6, 3^2, 2^4\})$	44744704
12	$\mathcal{O}(0; \{12^8, 6^4, 4^6, 3^5\})$	357908480
12	$\mathcal{O}(0; \{12^8, 6^4, 4^8, 3^2, 2\})$	178978816
12	$\mathcal{O}(0; \{12^8, 6^5, 2^{14}\})$	349440
12	$\mathcal{O}(0; \{12^8, 6^5, 3^3, 2^{10}\})$	2796288
12	$\mathcal{O}(0; \{12^8, 6^5, 3^6, 2^6\})$	22369536
12	$\mathcal{O}(0; \{12^8, 6^5, 3^9, 2^2\})$	178957056
12	$\mathcal{O}(0; \{12^8, 6^5, 4^2, 2^{11}\})$	1397760
12	$\mathcal{O}(0; \{12^8, 6^5, 4^2, 3^3, 2^7\})$	11185152
12	$\mathcal{O}(0; \{12^8, 6^5, 4^2, 3^6, 2^3\})$	89478144
12	$\mathcal{O}(0; \{12^8, 6^5, 4^4, 2^8\})$	5591040
12	$\mathcal{O}(0; \{12^8, 6^5, 4^4, 3^3, 2^4\})$	44740608
12	$\mathcal{O}(0; \{12^8, 6^5, 4^4, 3^6\})$	357912576
12	$\mathcal{O}(0; \{12^8, 6^5, 4^6, 2^5\})$	22364160
12	$\mathcal{O}(0; \{12^8, 6^5, 4^6, 3^3, 2\})$	178962432
12	$\mathcal{O}(0; \{12^8, 6^5, 4^8, 2^2\})$	89456640
12	$\mathcal{O}(0; \{12^8, 6^6, 3, 2^{11}\})$	1398016
12	$\mathcal{O}(0; \{12^8, 6^6, 3^4, 2^7\})$	11184896
12	$\mathcal{O}(0; \{12^8, 6^6, 3^7, 2^3\})$	89478400
12	$\mathcal{O}(0; \{12^8, 6^6, 4^2, 3, 2^8\})$	5592064
12	$\mathcal{O}(0; \{12^8, 6^6, 4^2, 3^4, 2^4\})$	44739584
12	$\mathcal{O}(0; \{12^8, 6^6, 4^2, 3^7\})$	357913600
12	$\mathcal{O}(0; \{12^8, 6^6, 4^4, 3, 2^5\})$	22368256
12	$\mathcal{O}(0; \{12^8, 6^6, 4^4, 3^4, 2\})$	178958336
12	$\mathcal{O}(0; \{12^8, 6^6, 4^6, 3, 2^2\})$	89473024
12	$\mathcal{O}(0; \{12^8, 6^7, 3^2, 2^8\})$	5592320
12	$\mathcal{O}(0; \{12^8, 6^7, 3^5, 2^4\})$	44739328
12	$\mathcal{O}(0; \{12^8, 6^7, 3^8\})$	357913856
12	$\mathcal{O}(0; \{12^8, 6^7, 4^2, 3^2, 2^5\})$	22369280
12	$\mathcal{O}(0; \{12^8, 6^7, 4^2, 3^5, 2\})$	178957312
12	$\mathcal{O}(0; \{12^8, 6^7, 4^4, 3^2, 2^2\})$	89477120
12	$\mathcal{O}(0; \{12^8, 6^8, 2^9\})$	2796288
12	$\mathcal{O}(0; \{12^8, 6^8, 3^3, 2^5\})$	22369536
12	$\mathcal{O}(0; \{12^8, 6^8, 3^6, 2\})$	178957056
12	$\mathcal{O}(0; \{12^8, 6^8, 4^2, 2^6\})$	11185152
12	$\mathcal{O}(0; \{12^8, 6^8, 4^2, 3^3, 2^2\})$	89478144
12	$\mathcal{O}(0; \{12^8, 6^8, 4^4, 2^3\})$	44740608
12	$\mathcal{O}(0; \{12^8, 6^8, 4^6\})$	178962432
12	$\mathcal{O}(0; \{12^8, 6^9, 3, 2^6\})$	11184896
12	$\mathcal{O}(0; \{12^8, 6^9, 3^4, 2^2\})$	89478400

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^8, 6^9, 4^2, 3, 2^3\})$	44739584
12	$\mathcal{O}(0; \{12^8, 6^9, 4^4, 3\})$	178958336
12	$\mathcal{O}(0; \{12^8, 6^{10}, 3^2, 2^3\})$	44739328
12	$\mathcal{O}(0; \{12^8, 6^{10}, 4^2, 3^2\})$	178957312
12	$\mathcal{O}(0; \{12^8, 6^{11}, 2^4\})$	22369536
12	$\mathcal{O}(0; \{12^8, 6^{11}, 3^3\})$	178957056
12	$\mathcal{O}(0; \{12^8, 6^{11}, 4^2, 2\})$	89478144
12	$\mathcal{O}(0; \{12^8, 6^{12}, 3, 2\})$	89478400
12	$\mathcal{O}(0; \{12^9, 4, 2^{19}\})$	87040
12	$\mathcal{O}(0; \{12^9, 4, 3^3, 2^{15}\})$	699392
12	$\mathcal{O}(0; \{12^9, 4, 3^6, 2^{11}\})$	5592064
12	$\mathcal{O}(0; \{12^9, 4, 3^9, 2^7\})$	44739584
12	$\mathcal{O}(0; \{12^9, 4, 3^{12}, 2^3\})$	357913600
12	$\mathcal{O}(0; \{12^9, 4^3, 2^{16}\})$	348160
12	$\mathcal{O}(0; \{12^9, 4^3, 3^3, 2^{12}\})$	2797568
12	$\mathcal{O}(0; \{12^9, 4^3, 3^6, 2^8\})$	22368256
12	$\mathcal{O}(0; \{12^9, 4^3, 3^9, 2^4\})$	178958336
12	$\mathcal{O}(0; \{12^9, 4^3, 3^{12}\})$	1431654400
12	$\mathcal{O}(0; \{12^9, 4^5, 2^{13}\})$	1392640
12	$\mathcal{O}(0; \{12^9, 4^5, 3^3, 2^9\})$	11190272
12	$\mathcal{O}(0; \{12^9, 4^5, 3^6, 2^5\})$	89473024
12	$\mathcal{O}(0; \{12^9, 4^5, 3^9, 2\})$	715833344
12	$\mathcal{O}(0; \{12^9, 4^7, 2^{10}\})$	5570560
12	$\mathcal{O}(0; \{12^9, 4^7, 3^3, 2^6\})$	44761088
12	$\mathcal{O}(0; \{12^9, 4^7, 3^6, 2^2\})$	357892096
12	$\mathcal{O}(0; \{12^9, 4^9, 2^7\})$	22282240
12	$\mathcal{O}(0; \{12^9, 4^9, 3^3, 2^3\})$	179044352
12	$\mathcal{O}(0; \{12^9, 4^{11}, 2^4\})$	89128960
12	$\mathcal{O}(0; \{12^9, 4^{11}, 3^3\})$	716177408
12	$\mathcal{O}(0; \{12^9, 4^{13}, 2\})$	356515840
12	$\mathcal{O}(0; \{12^9, 6, 4, 3, 2^{16}\})$	349184
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^4, 2^{12}\})$	2796544
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^7, 2^8\})$	22369280
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^{10}, 2^4\})$	178957312
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^{13}\})$	1431655424
12	$\mathcal{O}(0; \{12^9, 6, 4^3, 3, 2^{13}\})$	1396736
12	$\mathcal{O}(0; \{12^9, 6, 4^3, 3^4, 2^9\})$	11186176
12	$\mathcal{O}(0; \{12^9, 6, 4^3, 3^7, 2^5\})$	89477120
12	$\mathcal{O}(0; \{12^9, 6, 4^3, 3^{10}, 2\})$	715829248
12	$\mathcal{O}(0; \{12^9, 6, 4^5, 3, 2^{10}\})$	5586944
12	$\mathcal{O}(0; \{12^9, 6, 4^5, 3^4, 2^6\})$	44744704
12	$\mathcal{O}(0; \{12^9, 6, 4^5, 3^7, 2^2\})$	357908480
12	$\mathcal{O}(0; \{12^9, 6, 4^7, 3, 2^7\})$	22347776

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^9, 6, 4^7, 3^4, 2^3\})$	178978816
12	$\mathcal{O}(0; \{12^9, 6, 4^9, 3, 2^4\})$	89391104
12	$\mathcal{O}(0; \{12^9, 6, 4^9, 3^4\})$	715915264
12	$\mathcal{O}(0; \{12^9, 6, 4^{11}, 3, 2\})$	357564416
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 3^2, 2^{13}\})$	1397760
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 3^5, 2^9\})$	11185152
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 3^8, 2^5\})$	89478144
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 3^{11}, 2\})$	715828224
12	$\mathcal{O}(0; \{12^9, 6^2, 4^3, 3^2, 2^{10}\})$	5591040
12	$\mathcal{O}(0; \{12^9, 6^2, 4^3, 3^5, 2^6\})$	44740608
12	$\mathcal{O}(0; \{12^9, 6^2, 4^3, 3^8, 2^2\})$	357912576
12	$\mathcal{O}(0; \{12^9, 6^2, 4^5, 3^2, 2^7\})$	22364160
12	$\mathcal{O}(0; \{12^9, 6^2, 4^5, 3^5, 2^3\})$	178962432
12	$\mathcal{O}(0; \{12^9, 6^2, 4^7, 3^2, 2^4\})$	89456640
12	$\mathcal{O}(0; \{12^9, 6^2, 4^7, 3^5\})$	715849728
12	$\mathcal{O}(0; \{12^9, 6^2, 4^9, 3^2, 2\})$	357826560
12	$\mathcal{O}(0; \{12^9, 6^3, 4, 2^{14}\})$	699392
12	$\mathcal{O}(0; \{12^9, 6^3, 4, 3^3, 2^{10}\})$	5592064
12	$\mathcal{O}(0; \{12^9, 6^3, 4, 3^6, 2^6\})$	44739584
12	$\mathcal{O}(0; \{12^9, 6^3, 4, 3^9, 2^2\})$	357913600
12	$\mathcal{O}(0; \{12^9, 6^3, 4^3, 2^{11}\})$	2797568
12	$\mathcal{O}(0; \{12^9, 6^3, 4^3, 3^3, 2^7\})$	22368256
12	$\mathcal{O}(0; \{12^9, 6^3, 4^3, 3^6, 2^3\})$	178958336
12	$\mathcal{O}(0; \{12^9, 6^3, 4^5, 2^8\})$	11190272
12	$\mathcal{O}(0; \{12^9, 6^3, 4^5, 3^3, 2^4\})$	89473024
12	$\mathcal{O}(0; \{12^9, 6^3, 4^5, 3^6\})$	715833344
12	$\mathcal{O}(0; \{12^9, 6^3, 4^7, 2^5\})$	44761088
12	$\mathcal{O}(0; \{12^9, 6^3, 4^7, 3^3, 2\})$	357892096
12	$\mathcal{O}(0; \{12^9, 6^3, 4^9, 2^2\})$	179044352
12	$\mathcal{O}(0; \{12^9, 6^4, 4, 3, 2^{11}\})$	2796544
12	$\mathcal{O}(0; \{12^9, 6^4, 4, 3^4, 2^7\})$	22369280
12	$\mathcal{O}(0; \{12^9, 6^4, 4, 3^7, 2^3\})$	178957312
12	$\mathcal{O}(0; \{12^9, 6^4, 4^3, 3, 2^8\})$	11186176
12	$\mathcal{O}(0; \{12^9, 6^4, 4^3, 3^4, 2^4\})$	89477120
12	$\mathcal{O}(0; \{12^9, 6^4, 4^3, 3^7\})$	715829248
12	$\mathcal{O}(0; \{12^9, 6^4, 4^5, 3, 2^5\})$	44744704
12	$\mathcal{O}(0; \{12^9, 6^4, 4^5, 3^4, 2\})$	357908480
12	$\mathcal{O}(0; \{12^9, 6^4, 4^7, 3, 2^2\})$	178978816
12	$\mathcal{O}(0; \{12^9, 6^5, 4, 3^2, 2^8\})$	11185152
12	$\mathcal{O}(0; \{12^9, 6^5, 4, 3^5, 2^4\})$	89478144
12	$\mathcal{O}(0; \{12^9, 6^5, 4, 3^8\})$	715828224
12	$\mathcal{O}(0; \{12^9, 6^5, 4^3, 3^2, 2^5\})$	44740608
12	$\mathcal{O}(0; \{12^9, 6^5, 4^3, 3^5, 2\})$	357912576

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^9, 6^5, 4^5, 3^2, 2^2\})$	178962432
12	$\mathcal{O}(0; \{12^9, 6^6, 4, 2^9\})$	5592064
12	$\mathcal{O}(0; \{12^9, 6^6, 4, 3^3, 2^5\})$	44739584
12	$\mathcal{O}(0; \{12^9, 6^6, 4, 3^6, 2\})$	357913600
12	$\mathcal{O}(0; \{12^9, 6^6, 4^3, 2^6\})$	22368256
12	$\mathcal{O}(0; \{12^9, 6^6, 4^3, 3^3, 2^2\})$	178958336
12	$\mathcal{O}(0; \{12^9, 6^6, 4^5, 2^3\})$	89473024
12	$\mathcal{O}(0; \{12^9, 6^6, 4^7\})$	357892096
12	$\mathcal{O}(0; \{12^9, 6^7, 4, 3, 2^6\})$	22369280
12	$\mathcal{O}(0; \{12^9, 6^7, 4, 3^4, 2^2\})$	178957312
12	$\mathcal{O}(0; \{12^9, 6^7, 4^3, 3, 2^3\})$	89477120
12	$\mathcal{O}(0; \{12^9, 6^7, 4^5, 3\})$	357908480
12	$\mathcal{O}(0; \{12^9, 6^8, 4, 3^2, 2^3\})$	89478144
12	$\mathcal{O}(0; \{12^9, 6^8, 4^3, 3^2\})$	357912576
12	$\mathcal{O}(0; \{12^9, 6^9, 4, 2^4\})$	44739584
12	$\mathcal{O}(0; \{12^9, 6^9, 4, 3^3\})$	357913600
12	$\mathcal{O}(0; \{12^9, 6^9, 4^3, 2\})$	178958336
12	$\mathcal{O}(0; \{12^9, 6^{10}, 4, 3, 2\})$	178957312
12	$\mathcal{O}(0; \{12^{10}, 3^2, 2^{16}\})$	699392
12	$\mathcal{O}(0; \{12^{10}, 3^5, 2^{12}\})$	5592064
12	$\mathcal{O}(0; \{12^{10}, 3^8, 2^8\})$	44739584
12	$\mathcal{O}(0; \{12^{10}, 3^{11}, 2^4\})$	357913600
12	$\mathcal{O}(0; \{12^{10}, 3^{14}\})$	2863311872
12	$\mathcal{O}(0; \{12^{10}, 4^2, 3^2, 2^{13}\})$	2797568
12	$\mathcal{O}(0; \{12^{10}, 4^2, 3^5, 2^9\})$	22368256
12	$\mathcal{O}(0; \{12^{10}, 4^2, 3^8, 2^5\})$	178958336
12	$\mathcal{O}(0; \{12^{10}, 4^2, 3^{11}, 2\})$	1431654400
12	$\mathcal{O}(0; \{12^{10}, 4^4, 3^2, 2^{10}\})$	11190272
12	$\mathcal{O}(0; \{12^{10}, 4^4, 3^5, 2^6\})$	89473024
12	$\mathcal{O}(0; \{12^{10}, 4^4, 3^8, 2^2\})$	715833344
12	$\mathcal{O}(0; \{12^{10}, 4^6, 3^2, 2^7\})$	44761088
12	$\mathcal{O}(0; \{12^{10}, 4^6, 3^5, 2^3\})$	357892096
12	$\mathcal{O}(0; \{12^{10}, 4^8, 3^2, 2^4\})$	179044352
12	$\mathcal{O}(0; \{12^{10}, 4^8, 3^5\})$	1431568384
12	$\mathcal{O}(0; \{12^{10}, 4^{10}, 3^2, 2\})$	716177408
12	$\mathcal{O}(0; \{12^{10}, 6, 2^{17}\})$	349184
12	$\mathcal{O}(0; \{12^{10}, 6, 3^3, 2^{13}\})$	2796544
12	$\mathcal{O}(0; \{12^{10}, 6, 3^6, 2^9\})$	22369280
12	$\mathcal{O}(0; \{12^{10}, 6, 3^9, 2^5\})$	178957312
12	$\mathcal{O}(0; \{12^{10}, 6, 3^{12}, 2\})$	1431655424
12	$\mathcal{O}(0; \{12^{10}, 6, 4^2, 2^{14}\})$	1396736
12	$\mathcal{O}(0; \{12^{10}, 6, 4^2, 3^3, 2^{10}\})$	11186176
12	$\mathcal{O}(0; \{12^{10}, 6, 4^2, 3^6, 2^6\})$	89477120

Continued on next page

Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{10}, 6, 4^2, 3^9, 2^2\})$	715829248
12	$\mathcal{O}(0; \{12^{10}, 6, 4^4, 2^{11}\})$	5586944
12	$\mathcal{O}(0; \{12^{10}, 6, 4^4, 3^3, 2^7\})$	44744704
12	$\mathcal{O}(0; \{12^{10}, 6, 4^4, 3^6, 2^3\})$	357908480
12	$\mathcal{O}(0; \{12^{10}, 6, 4^6, 2^8\})$	22347776
12	$\mathcal{O}(0; \{12^{10}, 6, 4^6, 3^3, 2^4\})$	178978816
12	$\mathcal{O}(0; \{12^{10}, 6, 4^6, 3^6\})$	1431633920
12	$\mathcal{O}(0; \{12^{10}, 6, 4^8, 2^5\})$	89391104
12	$\mathcal{O}(0; \{12^{10}, 6, 4^8, 3^3, 2\})$	715915264
12	$\mathcal{O}(0; \{12^{10}, 6, 4^{10}, 2^2\})$	357564416
12	$\mathcal{O}(0; \{12^{10}, 6^2, 3, 2^{14}\})$	1397760
12	$\mathcal{O}(0; \{12^{10}, 6^2, 3^4, 2^{10}\})$	11185152
12	$\mathcal{O}(0; \{12^{10}, 6^2, 3^7, 2^6\})$	89478144
12	$\mathcal{O}(0; \{12^{10}, 6^2, 3^{10}, 2^2\})$	715828224
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^2, 3, 2^{11}\})$	5591040
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^2, 3^4, 2^7\})$	44740608
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^2, 3^7, 2^3\})$	357912576
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^4, 3, 2^8\})$	22364160
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^4, 3^4, 2^4\})$	178962432
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^4, 3^7\})$	1431650304
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^6, 3, 2^5\})$	89456640
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^6, 3^4, 2\})$	715849728
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^8, 3, 2^2\})$	357826560
12	$\mathcal{O}(0; \{12^{10}, 6^3, 3^2, 2^{11}\})$	5592064
12	$\mathcal{O}(0; \{12^{10}, 6^3, 3^5, 2^7\})$	44739584
12	$\mathcal{O}(0; \{12^{10}, 6^3, 3^8, 2^3\})$	357913600
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^2, 3^2, 2^8\})$	22368256
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^2, 3^5, 2^4\})$	178958336
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^2, 3^8\})$	1431654400
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^4, 3^2, 2^5\})$	89473024
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^4, 3^5, 2\})$	715833344
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^6, 3^2, 2^2\})$	357892096
12	$\mathcal{O}(0; \{12^{10}, 6^4, 2^{12}\})$	2796544
12	$\mathcal{O}(0; \{12^{10}, 6^4, 3^3, 2^8\})$	22369280
12	$\mathcal{O}(0; \{12^{10}, 6^4, 3^6, 2^4\})$	178957312
12	$\mathcal{O}(0; \{12^{10}, 6^4, 3^9\})$	1431655424
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^2, 2^9\})$	11186176
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^2, 3^3, 2^5\})$	89477120
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^2, 3^6, 2\})$	715829248
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^4, 2^6\})$	44744704
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^4, 3^3, 2^2\})$	357908480
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^6, 2^3\})$	178978816
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^8\})$	715915264

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{10}, 6^5, 3, 2^9\})$	11185152
12	$\mathcal{O}(0; \{12^{10}, 6^5, 3^4, 2^5\})$	89478144
12	$\mathcal{O}(0; \{12^{10}, 6^5, 3^7, 2\})$	715828224
12	$\mathcal{O}(0; \{12^{10}, 6^5, 4^2, 3, 2^6\})$	44740608
12	$\mathcal{O}(0; \{12^{10}, 6^5, 4^2, 3^4, 2^2\})$	357912576
12	$\mathcal{O}(0; \{12^{10}, 6^5, 4^4, 3, 2^3\})$	178962432
12	$\mathcal{O}(0; \{12^{10}, 6^5, 4^6, 3\})$	715849728
12	$\mathcal{O}(0; \{12^{10}, 6^6, 3^2, 2^6\})$	44739584
12	$\mathcal{O}(0; \{12^{10}, 6^6, 3^5, 2^2\})$	357913600
12	$\mathcal{O}(0; \{12^{10}, 6^6, 4^2, 3^2, 2^3\})$	178958336
12	$\mathcal{O}(0; \{12^{10}, 6^6, 4^4, 3^2\})$	715833344
12	$\mathcal{O}(0; \{12^{10}, 6^7, 2^7\})$	22369280
12	$\mathcal{O}(0; \{12^{10}, 6^7, 3^3, 2^3\})$	178957312
12	$\mathcal{O}(0; \{12^{10}, 6^7, 4^2, 2^4\})$	89477120
12	$\mathcal{O}(0; \{12^{10}, 6^7, 4^2, 3^3\})$	715829248
12	$\mathcal{O}(0; \{12^{10}, 6^7, 4^4, 2\})$	357908480
12	$\mathcal{O}(0; \{12^{10}, 6^8, 3, 2^4\})$	89478144
12	$\mathcal{O}(0; \{12^{10}, 6^8, 3^4\})$	715828224
12	$\mathcal{O}(0; \{12^{10}, 6^8, 4^2, 3, 2\})$	357912576
12	$\mathcal{O}(0; \{12^{10}, 6^9, 3^2, 2\})$	357913600
12	$\mathcal{O}(0; \{12^{10}, 6^{10}, 2^2\})$	178957312
12	$\mathcal{O}(0; \{12^{11}, 4, 3, 2^{14}\})$	2797568
12	$\mathcal{O}(0; \{12^{11}, 4, 3^4, 2^{10}\})$	22368256
12	$\mathcal{O}(0; \{12^{11}, 4, 3^7, 2^6\})$	178958336
12	$\mathcal{O}(0; \{12^{11}, 4, 3^{10}, 2^2\})$	1431654400
12	$\mathcal{O}(0; \{12^{11}, 4^3, 3, 2^{11}\})$	11190272
12	$\mathcal{O}(0; \{12^{11}, 4^3, 3^4, 2^7\})$	89473024
12	$\mathcal{O}(0; \{12^{11}, 4^3, 3^7, 2^3\})$	715833344
12	$\mathcal{O}(0; \{12^{11}, 4^5, 3, 2^8\})$	44761088
12	$\mathcal{O}(0; \{12^{11}, 4^5, 3^4, 2^4\})$	357892096
12	$\mathcal{O}(0; \{12^{11}, 4^5, 3^7\})$	2863333376
12	$\mathcal{O}(0; \{12^{11}, 4^7, 3, 2^5\})$	179044352
12	$\mathcal{O}(0; \{12^{11}, 4^7, 3^4, 2\})$	1431568384
12	$\mathcal{O}(0; \{12^{11}, 4^9, 3, 2^2\})$	716177408
12	$\mathcal{O}(0; \{12^{11}, 6, 4, 3^2, 2^{11}\})$	11186176
12	$\mathcal{O}(0; \{12^{11}, 6, 4, 3^5, 2^7\})$	89477120
12	$\mathcal{O}(0; \{12^{11}, 6, 4, 3^8, 2^3\})$	715829248
12	$\mathcal{O}(0; \{12^{11}, 6, 4^3, 3^2, 2^8\})$	44744704
12	$\mathcal{O}(0; \{12^{11}, 6, 4^3, 3^5, 2^4\})$	357908480
12	$\mathcal{O}(0; \{12^{11}, 6, 4^3, 3^8\})$	2863316992
12	$\mathcal{O}(0; \{12^{11}, 6, 4^5, 3^2, 2^5\})$	178978816
12	$\mathcal{O}(0; \{12^{11}, 6, 4^5, 3^5, 2\})$	1431633920
12	$\mathcal{O}(0; \{12^{11}, 6, 4^7, 3^2, 2^2\})$	715915264

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4, 2^{12}\})$	5591040
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4, 3^3, 2^8\})$	44740608
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4, 3^6, 2^4\})$	357912576
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4, 3^9\})$	2863312896
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^3, 2^9\})$	22364160
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^3, 3^3, 2^5\})$	178962432
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^3, 3^6, 2\})$	1431650304
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^5, 2^6\})$	89456640
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^5, 3^3, 2^2\})$	715849728
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^7, 2^3\})$	357826560
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^9\})$	1431306240
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4, 3, 2^9\})$	22368256
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4, 3^4, 2^5\})$	178958336
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4, 3^7, 2\})$	1431654400
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4^3, 3, 2^6\})$	89473024
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4^3, 3^4, 2^2\})$	715833344
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4^5, 3, 2^3\})$	357892096
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4^7, 3\})$	1431568384
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4, 3^2, 2^6\})$	89477120
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4, 3^5, 2^2\})$	715829248
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4^3, 3^2, 2^3\})$	357908480
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4^5, 3^2\})$	1431633920
12	$\mathcal{O}(0; \{12^{11}, 6^5, 4, 2^7\})$	44740608
12	$\mathcal{O}(0; \{12^{11}, 6^5, 4, 3^3, 2^3\})$	357912576
12	$\mathcal{O}(0; \{12^{11}, 6^5, 4^3, 2^4\})$	178962432
12	$\mathcal{O}(0; \{12^{11}, 6^5, 4^3, 3^3\})$	1431650304
12	$\mathcal{O}(0; \{12^{11}, 6^5, 4^5, 2\})$	715849728
12	$\mathcal{O}(0; \{12^{11}, 6^6, 4, 3, 2^4\})$	178958336
12	$\mathcal{O}(0; \{12^{11}, 6^6, 4, 3^4\})$	1431654400
12	$\mathcal{O}(0; \{12^{11}, 6^6, 4^3, 3, 2\})$	715833344
12	$\mathcal{O}(0; \{12^{11}, 6^7, 4, 3^2, 2\})$	715829248
12	$\mathcal{O}(0; \{12^{11}, 6^8, 4, 2^2\})$	357912576
12	$\mathcal{O}(0; \{12^{12}, 2^{15}\})$	2797568
12	$\mathcal{O}(0; \{12^{12}, 3^3, 2^{11}\})$	22368256
12	$\mathcal{O}(0; \{12^{12}, 3^6, 2^7\})$	178958336
12	$\mathcal{O}(0; \{12^{12}, 3^9, 2^3\})$	1431654400
12	$\mathcal{O}(0; \{12^{12}, 4^2, 2^{12}\})$	11190272
12	$\mathcal{O}(0; \{12^{12}, 4^2, 3^3, 2^8\})$	89473024
12	$\mathcal{O}(0; \{12^{12}, 4^2, 3^6, 2^4\})$	715833344
12	$\mathcal{O}(0; \{12^{12}, 4^2, 3^9\})$	5726617600
12	$\mathcal{O}(0; \{12^{12}, 4^4, 2^9\})$	44761088
12	$\mathcal{O}(0; \{12^{12}, 4^4, 3^3, 2^5\})$	357892096
12	$\mathcal{O}(0; \{12^{12}, 4^4, 3^6, 2\})$	2863333376

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{12}, 4^6, 2^6\})$	179044352
12	$\mathcal{O}(0; \{12^{12}, 4^6, 3^3, 2^2\})$	1431568384
12	$\mathcal{O}(0; \{12^{12}, 4^8, 2^3\})$	716177408
12	$\mathcal{O}(0; \{12^{12}, 4^{10}\})$	2864709632
12	$\mathcal{O}(0; \{12^{12}, 6, 3, 2^{12}\})$	11186176
12	$\mathcal{O}(0; \{12^{12}, 6, 3^4, 2^8\})$	89477120
12	$\mathcal{O}(0; \{12^{12}, 6, 3^7, 2^4\})$	715829248
12	$\mathcal{O}(0; \{12^{12}, 6, 3^{10}\})$	5726621696
12	$\mathcal{O}(0; \{12^{12}, 6, 4^2, 3, 2^9\})$	44744704
12	$\mathcal{O}(0; \{12^{12}, 6, 4^2, 3^4, 2^5\})$	357908480
12	$\mathcal{O}(0; \{12^{12}, 6, 4^2, 3^7, 2\})$	2863316992
12	$\mathcal{O}(0; \{12^{12}, 6, 4^4, 3, 2^6\})$	178978816
12	$\mathcal{O}(0; \{12^{12}, 6, 4^4, 3^4, 2^2\})$	1431633920
12	$\mathcal{O}(0; \{12^{12}, 6, 4^6, 3, 2^3\})$	715915264
12	$\mathcal{O}(0; \{12^{12}, 6, 4^8, 3\})$	2863661056
12	$\mathcal{O}(0; \{12^{12}, 6^2, 3^2, 2^9\})$	44740608
12	$\mathcal{O}(0; \{12^{12}, 6^2, 3^5, 2^5\})$	357912576
12	$\mathcal{O}(0; \{12^{12}, 6^2, 3^8, 2\})$	2863312896
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^2, 3^2, 2^6\})$	178962432
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^2, 3^5, 2^2\})$	1431650304
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^4, 3^2, 2^3\})$	715849728
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^6, 3^2\})$	2863398912
12	$\mathcal{O}(0; \{12^{12}, 6^3, 2^{10}\})$	22368256
12	$\mathcal{O}(0; \{12^{12}, 6^3, 3^3, 2^6\})$	178958336
12	$\mathcal{O}(0; \{12^{12}, 6^3, 3^6, 2^2\})$	1431654400
12	$\mathcal{O}(0; \{12^{12}, 6^3, 4^2, 2^7\})$	89473024
12	$\mathcal{O}(0; \{12^{12}, 6^3, 4^2, 3^3, 2^3\})$	715833344
12	$\mathcal{O}(0; \{12^{12}, 6^3, 4^4, 2^4\})$	357892096
12	$\mathcal{O}(0; \{12^{12}, 6^3, 4^4, 3^3\})$	2863333376
12	$\mathcal{O}(0; \{12^{12}, 6^3, 4^6, 2\})$	1431568384
12	$\mathcal{O}(0; \{12^{12}, 6^4, 3, 2^7\})$	89477120
12	$\mathcal{O}(0; \{12^{12}, 6^4, 3^4, 2^3\})$	715829248
12	$\mathcal{O}(0; \{12^{12}, 6^4, 4^2, 3, 2^4\})$	357908480
12	$\mathcal{O}(0; \{12^{12}, 6^4, 4^2, 3^4\})$	2863316992
12	$\mathcal{O}(0; \{12^{12}, 6^4, 4^4, 3, 2\})$	1431633920
12	$\mathcal{O}(0; \{12^{12}, 6^5, 3^2, 2^4\})$	357912576
12	$\mathcal{O}(0; \{12^{12}, 6^5, 3^5\})$	2863312896
12	$\mathcal{O}(0; \{12^{12}, 6^5, 4^2, 3^2, 2\})$	1431650304
12	$\mathcal{O}(0; \{12^{12}, 6^6, 2^5\})$	178958336
12	$\mathcal{O}(0; \{12^{12}, 6^6, 3^3, 2\})$	1431654400
12	$\mathcal{O}(0; \{12^{12}, 6^6, 4^2, 2^2\})$	715833344
12	$\mathcal{O}(0; \{12^{12}, 6^7, 3, 2^2\})$	715829248
12	$\mathcal{O}(0; \{12^{12}, 6^9\})$	1431654400

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{13}, 4, 3^2, 2^9\})$	89473024
12	$\mathcal{O}(0; \{12^{13}, 4, 3^5, 2^5\})$	715833344
12	$\mathcal{O}(0; \{12^{13}, 4, 3^8, 2\})$	5726617600
12	$\mathcal{O}(0; \{12^{13}, 4^3, 3^2, 2^6\})$	357892096
12	$\mathcal{O}(0; \{12^{13}, 4^3, 3^5, 2^2\})$	2863333376
12	$\mathcal{O}(0; \{12^{13}, 4^5, 3^2, 2^3\})$	1431568384
12	$\mathcal{O}(0; \{12^{13}, 4^7, 3^2\})$	5726273536
12	$\mathcal{O}(0; \{12^{13}, 6, 4, 2^{10}\})$	44744704
12	$\mathcal{O}(0; \{12^{13}, 6, 4, 3^3, 2^6\})$	357908480
12	$\mathcal{O}(0; \{12^{13}, 6, 4, 3^6, 2^2\})$	2863316992
12	$\mathcal{O}(0; \{12^{13}, 6, 4^3, 2^7\})$	178978816
12	$\mathcal{O}(0; \{12^{13}, 6, 4^3, 3^3, 2^3\})$	1431633920
12	$\mathcal{O}(0; \{12^{13}, 6, 4^5, 2^4\})$	715915264
12	$\mathcal{O}(0; \{12^{13}, 6, 4^5, 3^3\})$	5726535680
12	$\mathcal{O}(0; \{12^{13}, 6, 4^7, 2\})$	2863661056
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4, 3, 2^7\})$	178962432
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4, 3^4, 2^3\})$	1431650304
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4^3, 3, 2^4\})$	715849728
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4^3, 3^4\})$	5726601216
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4^5, 3, 2\})$	2863398912
12	$\mathcal{O}(0; \{12^{13}, 6^3, 4, 3^2, 2^4\})$	715833344
12	$\mathcal{O}(0; \{12^{13}, 6^3, 4, 3^5\})$	5726617600
12	$\mathcal{O}(0; \{12^{13}, 6^3, 4^3, 3^2, 2\})$	2863333376
12	$\mathcal{O}(0; \{12^{13}, 6^4, 4, 2^5\})$	357908480
12	$\mathcal{O}(0; \{12^{13}, 6^4, 4, 3^3, 2\})$	2863316992
12	$\mathcal{O}(0; \{12^{13}, 6^4, 4^3, 2^2\})$	1431633920
12	$\mathcal{O}(0; \{12^{13}, 6^5, 4, 3, 2^2\})$	1431650304
12	$\mathcal{O}(0; \{12^{13}, 6^7, 4\})$	2863316992
12	$\mathcal{O}(0; \{12^{14}, 3, 2^{10}\})$	89473024
12	$\mathcal{O}(0; \{12^{14}, 3^4, 2^6\})$	715833344
12	$\mathcal{O}(0; \{12^{14}, 3^7, 2^2\})$	5726617600
12	$\mathcal{O}(0; \{12^{14}, 4^2, 3, 2^7\})$	357892096
12	$\mathcal{O}(0; \{12^{14}, 4^2, 3^4, 2^3\})$	2863333376
12	$\mathcal{O}(0; \{12^{14}, 4^4, 3, 2^4\})$	1431568384
12	$\mathcal{O}(0; \{12^{14}, 4^4, 3^4\})$	11453333504
12	$\mathcal{O}(0; \{12^{14}, 4^6, 3, 2\})$	5726273536
12	$\mathcal{O}(0; \{12^{14}, 6, 3^2, 2^7\})$	357908480
12	$\mathcal{O}(0; \{12^{14}, 6, 3^5, 2^3\})$	2863316992
12	$\mathcal{O}(0; \{12^{14}, 6, 4^2, 3^2, 2^4\})$	1431633920
12	$\mathcal{O}(0; \{12^{14}, 6, 4^2, 3^5\})$	11453267968
12	$\mathcal{O}(0; \{12^{14}, 6, 4^4, 3^2, 2\})$	5726535680
12	$\mathcal{O}(0; \{12^{14}, 6^2, 2^8\})$	178962432
12	$\mathcal{O}(0; \{12^{14}, 6^2, 3^3, 2^4\})$	1431650304

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{14}, 6^2, 3^6\})$	11453251584
12	$\mathcal{O}(0; \{12^{14}, 6^2, 4^2, 2^5\})$	715849728
12	$\mathcal{O}(0; \{12^{14}, 6^2, 4^2, 3^3, 2\})$	5726601216
12	$\mathcal{O}(0; \{12^{14}, 6^2, 4^4, 2^2\})$	2863398912
12	$\mathcal{O}(0; \{12^{14}, 6^3, 3, 2^5\})$	715833344
12	$\mathcal{O}(0; \{12^{14}, 6^3, 3^4, 2\})$	5726617600
12	$\mathcal{O}(0; \{12^{14}, 6^3, 4^2, 3, 2^2\})$	2863333376
12	$\mathcal{O}(0; \{12^{14}, 6^4, 3^2, 2^2\})$	2863316992
12	$\mathcal{O}(0; \{12^{14}, 6^5, 2^3\})$	1431650304
12	$\mathcal{O}(0; \{12^{14}, 6^5, 4^2\})$	5726601216
12	$\mathcal{O}(0; \{12^{14}, 6^6, 3\})$	5726617600
12	$\mathcal{O}(0; \{12^{15}, 4, 2^8\})$	357892096
12	$\mathcal{O}(0; \{12^{15}, 4, 3^3, 2^4\})$	2863333376
12	$\mathcal{O}(0; \{12^{15}, 4, 3^6\})$	22906470400
12	$\mathcal{O}(0; \{12^{15}, 4^3, 2^5\})$	1431568384
12	$\mathcal{O}(0; \{12^{15}, 4^3, 3^3, 2\})$	11453333504
12	$\mathcal{O}(0; \{12^{15}, 4^5, 2^2\})$	5726273536
12	$\mathcal{O}(0; \{12^{15}, 6, 4, 3, 2^5\})$	1431633920
12	$\mathcal{O}(0; \{12^{15}, 6, 4, 3^4, 2\})$	11453267968
12	$\mathcal{O}(0; \{12^{15}, 6, 4^3, 3, 2^2\})$	5726535680
12	$\mathcal{O}(0; \{12^{15}, 6^2, 4, 3^2, 2^2\})$	5726601216
12	$\mathcal{O}(0; \{12^{15}, 6^3, 4, 2^3\})$	2863333376
12	$\mathcal{O}(0; \{12^{15}, 6^3, 4^3\})$	11453333504
12	$\mathcal{O}(0; \{12^{15}, 6^4, 4, 3\})$	11453267968
12	$\mathcal{O}(0; \{12^{16}, 3^2, 2^5\})$	2863333376
12	$\mathcal{O}(0; \{12^{16}, 3^5, 2\})$	22906470400
12	$\mathcal{O}(0; \{12^{16}, 4^2, 3^2, 2^2\})$	11453333504
12	$\mathcal{O}(0; \{12^{16}, 6, 2^6\})$	1431633920
12	$\mathcal{O}(0; \{12^{16}, 6, 3^3, 2^2\})$	11453267968
12	$\mathcal{O}(0; \{12^{16}, 6, 4^2, 2^3\})$	5726535680
12	$\mathcal{O}(0; \{12^{16}, 6, 4^4\})$	22906142720
12	$\mathcal{O}(0; \{12^{16}, 6^2, 3, 2^3\})$	5726601216
12	$\mathcal{O}(0; \{12^{16}, 6^2, 4^2, 3\})$	22906404864
12	$\mathcal{O}(0; \{12^{16}, 6^3, 3^2\})$	22906470400
12	$\mathcal{O}(0; \{12^{16}, 6^4, 2\})$	11453267968
12	$\mathcal{O}(0; \{12^{17}, 4, 3, 2^3\})$	11453333504
12	$\mathcal{O}(0; \{12^{17}, 4^3, 3\})$	45813334016
12	$\mathcal{O}(0; \{12^{17}, 6, 4, 3^2\})$	45813071872
12	$\mathcal{O}(0; \{12^{17}, 6^2, 4, 2\})$	22906404864
12	$\mathcal{O}(0; \{12^{18}, 2^4\})$	11453333504
12	$\mathcal{O}(0; \{12^{18}, 3^3\})$	91625881600
12	$\mathcal{O}(0; \{12^{18}, 4^2, 2\})$	45813334016
12	$\mathcal{O}(0; \{12^{18}, 6, 3, 2\})$	45813071872

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
13	$\mathcal{O}(4; \{13^{10}\})$	3885222782357838012
14	$\mathcal{O}(6; \{14, 7^2, 2^3\})$	1700817371258880
14	$\mathcal{O}(6; \{14^3, 7, 2\})$	10545067701805056
14	$\mathcal{O}(5; \{7^6, 2^2\})$	1928171530070016
14	$\mathcal{O}(5; \{14, 7^2, 2^7\})$	8677639649280
14	$\mathcal{O}(5; \{14^2, 7^5\})$	11567293652490240
14	$\mathcal{O}(5; \{14^3, 7, 2^5\})$	53801365825536
14	$\mathcal{O}(5; \{14^5, 2^3\})$	321072667023360
14	$\mathcal{O}(4; \{7^6, 2^6\})$	9837609847296
14	$\mathcal{O}(4; \{14, 7^2, 2^{11}\})$	44273671680
14	$\mathcal{O}(4; \{14^2, 7^5, 2^4\})$	59016804349440
14	$\mathcal{O}(4; \{14^3, 7, 2^9\})$	274496764416
14	$\mathcal{O}(4; \{14^4, 7^4, 2^2\})$	354109680830976
14	$\mathcal{O}(4; \{14^5, 2^7\})$	1638125852160
14	$\mathcal{O}(4; \{14^6, 7^3\})$	2124649230251520
14	$\mathcal{O}(3; \{7^6, 2^{10}\})$	50191886976
14	$\mathcal{O}(3; \{14, 7^2, 2^{15}\})$	225886080
14	$\mathcal{O}(3; \{14, 7^9, 2^3\})$	65040327735936
14	$\mathcal{O}(3; \{14^2, 7^5, 2^8\})$	301106144640
14	$\mathcal{O}(3; \{14^3, 7, 2^{13}\})$	1400493696
14	$\mathcal{O}(3; \{14^3, 7^8, 2\})$	390241921238400
14	$\mathcal{O}(3; \{14^4, 7^4, 2^6\})$	1806682045056
14	$\mathcal{O}(3; \{14^5, 2^{11}\})$	8357784960
14	$\mathcal{O}(3; \{14^6, 7^3, 2^4\})$	10840047093120
14	$\mathcal{O}(3; \{14^8, 7^2, 2^2\})$	65040327735936
14	$\mathcal{O}(3; \{14^{10}, 7\})$	390241921238400
14	$\mathcal{O}(2; \{7^6, 2^{14}\})$	256081056
14	$\mathcal{O}(2; \{7^{13}, 2^2\})$	71677088726880
14	$\mathcal{O}(2; \{14, 7^2, 2^{19}\})$	1152480
14	$\mathcal{O}(2; \{14, 7^9, 2^7\})$	331838406816
14	$\mathcal{O}(2; \{14^2, 7^5, 2^{12}\})$	1536255840
14	$\mathcal{O}(2; \{14^2, 7^{12}\})$	430062532591776
14	$\mathcal{O}(2; \{14^3, 7, 2^{17}\})$	7145376
14	$\mathcal{O}(2; \{14^3, 7^8, 2^5\})$	1991030210400
14	$\mathcal{O}(2; \{14^4, 7^4, 2^{10}\})$	9217765536
14	$\mathcal{O}(2; \{14^5, 2^{15}\})$	42641760
14	$\mathcal{O}(2; \{14^5, 7^7, 2^3\})$	11946181492896
14	$\mathcal{O}(2; \{14^6, 7^3, 2^8\})$	55306362720
14	$\mathcal{O}(2; \{14^7, 7^6, 2\})$	71677088726880
14	$\mathcal{O}(2; \{14^8, 7^2, 2^6\})$	331838406816
14	$\mathcal{O}(2; \{14^{10}, 7, 2^4\})$	1991030210400
14	$\mathcal{O}(2; \{14^{12}, 2^2\})$	11946181492896
14	$\mathcal{O}(1; \{7^6, 2^{18}\})$	1306536

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
14	$\mathcal{O}(1; \{7^{13}, 2^6\})$	365699432280
14	$\mathcal{O}(1; \{14, 7^2, 2^{23}\})$	5880
14	$\mathcal{O}(1; \{14, 7^9, 2^{11}\})$	1693053096
14	$\mathcal{O}(1; \{14^2, 7^5, 2^{16}\})$	7838040
14	$\mathcal{O}(1; \{14^2, 7^{12}, 2^4\})$	2194196594856
14	$\mathcal{O}(1; \{14^3, 7, 2^{21}\})$	36456
14	$\mathcal{O}(1; \{14^3, 7^8, 2^9\})$	10158317400
14	$\mathcal{O}(1; \{14^4, 7^4, 2^{14}\})$	47029416
14	$\mathcal{O}(1; \{14^4, 7^{11}, 2^2\})$	13165179567960
14	$\mathcal{O}(1; \{14^5, 2^{19}\})$	217560
14	$\mathcal{O}(1; \{14^5, 7^7, 2^7\})$	60949905576
14	$\mathcal{O}(1; \{14^6, 7^3, 2^{12}\})$	282175320
14	$\mathcal{O}(1; \{14^6, 7^{10}\})$	78991077408936
14	$\mathcal{O}(1; \{14^7, 7^6, 2^5\})$	365699432280
14	$\mathcal{O}(1; \{14^8, 7^2, 2^{10}\})$	1693053096
14	$\mathcal{O}(1; \{14^9, 7^5, 2^3\})$	2194196594856
14	$\mathcal{O}(1; \{14^{10}, 7, 2^8\})$	10158317400
14	$\mathcal{O}(1; \{14^{11}, 7^4, 2\})$	13165179567960
14	$\mathcal{O}(1; \{14^{12}, 2^6\})$	60949905576
14	$\mathcal{O}(0; \{7^6, 2^{22}\})$	6666
14	$\mathcal{O}(0; \{7^{13}, 2^{10}\})$	1865813430
14	$\mathcal{O}(0; \{14, 7^2, 2^{27}\})$	30
14	$\mathcal{O}(0; \{14, 7^9, 2^{15}\})$	8638026
14	$\mathcal{O}(0; \{14, 7^{16}, 2^3\})$	2418094206390
14	$\mathcal{O}(0; \{14^2, 7^5, 2^{20}\})$	39990
14	$\mathcal{O}(0; \{14^2, 7^{12}, 2^8\})$	11194880586
14	$\mathcal{O}(0; \{14^3, 7, 2^{25}\})$	186
14	$\mathcal{O}(0; \{14^3, 7^8, 2^{13}\})$	51828150
14	$\mathcal{O}(0; \{14^3, 7^{15}, 2\})$	14508565238346
14	$\mathcal{O}(0; \{14^4, 7^4, 2^{18}\})$	239946
14	$\mathcal{O}(0; \{14^4, 7^{11}, 2^6\})$	67169283510
14	$\mathcal{O}(0; \{14^5, 2^{23}\})$	1110
14	$\mathcal{O}(0; \{14^5, 7^7, 2^{11}\})$	310968906
14	$\mathcal{O}(0; \{14^6, 7^3, 2^{16}\})$	1439670
14	$\mathcal{O}(0; \{14^6, 7^{10}, 2^4\})$	403015701066
14	$\mathcal{O}(0; \{14^7, 7^6, 2^9\})$	1865813430
14	$\mathcal{O}(0; \{14^8, 7^2, 2^{14}\})$	8638026
14	$\mathcal{O}(0; \{14^8, 7^9, 2^2\})$	2418094206390
14	$\mathcal{O}(0; \{14^9, 7^5, 2^7\})$	11194880586
14	$\mathcal{O}(0; \{14^{10}, 7, 2^{12}\})$	51828150
14	$\mathcal{O}(0; \{14^{10}, 7^8\})$	14508565238346
14	$\mathcal{O}(0; \{14^{11}, 7^4, 2^5\})$	67169283510
14	$\mathcal{O}(0; \{14^{12}, 2^{10}\})$	310968906

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
14	$\mathcal{O}(0; \{14^{13}, 7^3, 2^3\})$	403015701066
14	$\mathcal{O}(0; \{14^{15}, 7^2, 2\})$	2418094206390
15	$\mathcal{O}(6; \{5^4\})$	6746796875000000
15	$\mathcal{O}(6; \{15, 5^2, 3\})$	3113912109375000
15	$\mathcal{O}(6; \{15^2, 3^2\})$	3113912109375000
15	$\mathcal{O}(5; \{5^4, 3^3\})$	59971640625000
15	$\mathcal{O}(5; \{15, 5^2, 3^4\})$	69198046875000
15	$\mathcal{O}(5; \{15^2, 3^5\})$	96877265625000
15	$\mathcal{O}(5; \{15^3, 5^3\})$	945706640625000
15	$\mathcal{O}(5; \{15^4, 5, 3\})$	1176366796875000
15	$\mathcal{O}(4; \{5^4, 3^6\})$	2931946875000
15	$\mathcal{O}(4; \{5^9\})$	134346750000000
15	$\mathcal{O}(4; \{15, 5^2, 3^7\})$	2644903125000
15	$\mathcal{O}(4; \{15, 5^7, 3\})$	67188740625000
15	$\mathcal{O}(4; \{15^2, 3^8\})$	3506034375000
15	$\mathcal{O}(4; \{15^2, 5^5, 3^2\})$	50376178125000
15	$\mathcal{O}(4; \{15^3, 5^3, 3^3\})$	46234546875000
15	$\mathcal{O}(4; \{15^4, 5, 3^4\})$	44963353125000
15	$\mathcal{O}(4; \{15^6, 5^2\})$	739076146875000
15	$\mathcal{O}(4; \{15^7, 3\})$	722058553125000
15	$\mathcal{O}(3; \{5^4, 3^9\})$	100693125000
15	$\mathcal{O}(3; \{5^9, 3^3\})$	1194375375000
15	$\mathcal{O}(3; \{15, 5^2, 3^{10}\})$	93220875000
15	$\mathcal{O}(3; \{15, 5^7, 3^4\})$	1493083125000
15	$\mathcal{O}(3; \{15^2, 3^{11}\})$	124385625000
15	$\mathcal{O}(3; \{15^2, 5^5, 3^5\})$	1567258875000
15	$\mathcal{O}(3; \{15^3, 5^3, 3^6\})$	1587853125000
15	$\mathcal{O}(3; \{15^3, 5^8\})$	19110279375000
15	$\mathcal{O}(3; \{15^4, 5, 3^7\})$	1584754875000
15	$\mathcal{O}(3; \{15^4, 5^6, 3\})$	23887963125000
15	$\mathcal{O}(3; \{15^5, 5^4, 3^2\})$	25081882875000
15	$\mathcal{O}(3; \{15^6, 5^2, 3^3\})$	25382413125000
15	$\mathcal{O}(3; \{15^7, 3^4\})$	25449298875000
15	$\mathcal{O}(3; \{15^9, 5\})$	406095373125000
15	$\mathcal{O}(2; \{5^4, 3^{12}\})$	3595995000
15	$\mathcal{O}(2; \{5^9, 3^6\})$	58391685000
15	$\mathcal{O}(2; \{5^{14}\})$	2684354600000
15	$\mathcal{O}(2; \{15, 5^2, 3^{13}\})$	3318165000
15	$\mathcal{O}(2; \{15, 5^7, 3^7\})$	57068955000
15	$\mathcal{O}(2; \{15, 5^{12}, 3\})$	1358954415000
15	$\mathcal{O}(2; \{15^2, 3^{14}\})$	4423815000
15	$\mathcal{O}(2; \{15^2, 5^5, 3^8\})$	56719845000
15	$\mathcal{O}(2; \{15^2, 5^{10}, 3^2\})$	1019216115000

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(2; \{15^3, 5^3, 3^9\})$	56706075000
15	$\mathcal{O}(2; \{15^3, 5^8, 3^3\})$	934280325000
15	$\mathcal{O}(2; \{15^4, 5, 3^{10}\})$	56408805000
15	$\mathcal{O}(2; \{15^4, 5^6, 3^4\})$	913051035000
15	$\mathcal{O}(2; \{15^5, 5^4, 3^5\})$	907725285000
15	$\mathcal{O}(2; \{15^6, 5^2, 3^6\})$	906467355000
15	$\mathcal{O}(2; \{15^6, 5^7\})$	14948498565000
15	$\mathcal{O}(2; \{15^7, 3^7\})$	905859045000
15	$\mathcal{O}(2; \{15^7, 5^5, 3\})$	14608764315000
15	$\mathcal{O}(2; \{15^8, 5^3, 3^2\})$	14523812325000
15	$\mathcal{O}(2; \{15^9, 5, 3^3\})$	14502647835000
15	$\mathcal{O}(2; \{15^{12}\})$	232041535515000
15	$\mathcal{O}(1; \{5^4, 3^{15}\})$	127787400
15	$\mathcal{O}(1; \{5^9, 3^9\})$	2005371000
15	$\mathcal{O}(1; \{5^{14}, 3^3\})$	24159191400
15	$\mathcal{O}(1; \{15, 5^2, 3^{16}\})$	117963000
15	$\mathcal{O}(1; \{15, 5^7, 3^{10}\})$	2011422600
15	$\mathcal{O}(1; \{15, 5^{12}, 3^4\})$	30198987000
15	$\mathcal{O}(1; \{15^2, 3^{17}\})$	157285800
15	$\mathcal{O}(1; \{15^2, 5^5, 3^{11}\})$	2012283000
15	$\mathcal{O}(1; \{15^2, 5^{10}, 3^5\})$	31708945800
15	$\mathcal{O}(1; \{15^3, 5^3, 3^{12}\})$	2015109000
15	$\mathcal{O}(1; \{15^3, 5^8, 3^6\})$	32086395000
15	$\mathcal{O}(1; \{15^3, 5^{13}\})$	386547057000
15	$\mathcal{O}(1; \{15^4, 5, 3^{13}\})$	2005371000
15	$\mathcal{O}(1; \{15^4, 5^6, 3^7\})$	32180920200
15	$\mathcal{O}(1; \{15^4, 5^{11}, 3\})$	483183819000
15	$\mathcal{O}(1; \{15^5, 5^4, 3^8\})$	32203899000
15	$\mathcal{O}(1; \{15^5, 5^9, 3^2\})$	507343019400
15	$\mathcal{O}(1; \{15^6, 5^2, 3^9\})$	32212254600
15	$\mathcal{O}(1; \{15^6, 5^7, 3^3\})$	513382779000
15	$\mathcal{O}(1; \{15^7, 3^{10}\})$	32203899000
15	$\mathcal{O}(1; \{15^7, 5^5, 3^4\})$	514892881800
15	$\mathcal{O}(1; \{15^8, 5^3, 3^5\})$	515269755000
15	$\mathcal{O}(1; \{15^9, 5, 3^6\})$	515366584200
15	$\mathcal{O}(1; \{15^9, 5^6\})$	8214124923000
15	$\mathcal{O}(1; \{15^{10}, 5^4, 3\})$	8238284267400
15	$\mathcal{O}(1; \{15^{11}, 5^2, 3^2\})$	8244323451000
15	$\mathcal{O}(1; \{15^{12}, 3^3\})$	8245835857800
15	$\mathcal{O}(0; \{5^4, 3^{18}\})$	4543864
15	$\mathcal{O}(0; \{5^9, 3^{12}\})$	71616648
15	$\mathcal{O}(0; \{5^{14}, 3^6\})$	1181116024
15	$\mathcal{O}(0; \{15, 5^2, 3^{19}\})$	4194312

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(0; \{15, 5^7, 3^{13}\})$	71595896
15	$\mathcal{O}(0; \{15, 5^{12}, 3^7\})$	1154272392
15	$\mathcal{O}(0; \{15, 5^{17}, 3\})$	27487790696
15	$\mathcal{O}(0; \{15^2, 3^{20}\})$	5592408
15	$\mathcal{O}(0; \{15^2, 5^5, 3^{14}\})$	71567496
15	$\mathcal{O}(0; \{15^2, 5^{10}, 3^8\})$	1147561848
15	$\mathcal{O}(0; \{15^2, 5^{15}, 3^2\})$	20615843016
15	$\mathcal{O}(0; \{15^3, 5^3, 3^{15}\})$	71653240
15	$\mathcal{O}(0; \{15^3, 5^8, 3^9\})$	1145882760
15	$\mathcal{O}(0; \{15^3, 5^{13}, 3^3\})$	18897856120
15	$\mathcal{O}(0; \{15^4, 5, 3^{16}\})$	71303304
15	$\mathcal{O}(0; \{15^4, 5^6, 3^{10}\})$	1145468792
15	$\mathcal{O}(0; \{15^4, 5^{11}, 3^4\})$	18468359304
15	$\mathcal{O}(0; \{15^5, 5^4, 3^{11}\})$	1145342088
15	$\mathcal{O}(0; \{15^5, 5^9, 3^5\})$	18360985464
15	$\mathcal{O}(0; \{15^6, 5^2, 3^{12}\})$	1145403256
15	$\mathcal{O}(0; \{15^6, 5^7, 3^6\})$	18334140552
15	$\mathcal{O}(0; \{15^6, 5^{12}\})$	302365697656
15	$\mathcal{O}(0; \{15^7, 3^{13}\})$	1145047176
15	$\mathcal{O}(0; \{15^7, 5^5, 3^7\})$	18327435128
15	$\mathcal{O}(0; \{15^7, 5^{10}, 3\})$	295493749896
15	$\mathcal{O}(0; \{15^8, 5^3, 3^8\})$	18325735560
15	$\mathcal{O}(0; \{15^8, 5^8, 3^2\})$	293775763320
15	$\mathcal{O}(0; \{15^9, 5, 3^9\})$	18325403512
15	$\mathcal{O}(0; \{15^9, 5^6, 3^3\})$	293346265224
15	$\mathcal{O}(0; \{15^{10}, 5^4, 3^4\})$	293238896504
15	$\mathcal{O}(0; \{15^{11}, 5^2, 3^5\})$	293212031112
15	$\mathcal{O}(0; \{15^{12}, 3^6\})$	293205407608
15	$\mathcal{O}(0; \{15^{12}, 5^5\})$	4693540259976
15	$\mathcal{O}(0; \{15^{13}, 5^3, 3\})$	4691822278520
15	$\mathcal{O}(0; \{15^{14}, 5, 3^2\})$	4691392759944
16	$\mathcal{O}(6; \{16^2, 2\})$	2251799813685248
16	$\mathcal{O}(5; \{16^2, 2^5\})$	8796093022208
16	$\mathcal{O}(5; \{16^2, 4^2, 2^2\})$	35184372088832
16	$\mathcal{O}(5; \{16^2, 8^2, 4\})$	281474976710656
16	$\mathcal{O}(4; \{16^2, 2^9\})$	34359738368
16	$\mathcal{O}(4; \{16^2, 4^2, 2^6\})$	137438953472
16	$\mathcal{O}(4; \{16^2, 4^4, 2^3\})$	549755813888
16	$\mathcal{O}(4; \{16^2, 4^6\})$	2199023255552
16	$\mathcal{O}(4; \{16^2, 8^2, 4, 2^4\})$	1099511627776
16	$\mathcal{O}(4; \{16^2, 8^2, 4^3, 2\})$	4398046511104
16	$\mathcal{O}(4; \{16^2, 8^4, 2^2\})$	8796093022208
16	$\mathcal{O}(4; \{16^4, 8, 4, 2^2\})$	17592186044416

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(4; \{16^4, 8^3\})$	140737488355328
16	$\mathcal{O}(4; \{16^6, 4\})$	281474976710656
16	$\mathcal{O}(3; \{16^2, 2^{13}\})$	134217728
16	$\mathcal{O}(3; \{16^2, 4^2, 2^{10}\})$	536870912
16	$\mathcal{O}(3; \{16^2, 4^4, 2^7\})$	2147483648
16	$\mathcal{O}(3; \{16^2, 4^6, 2^4\})$	8589934592
16	$\mathcal{O}(3; \{16^2, 4^8, 2\})$	34359738368
16	$\mathcal{O}(3; \{16^2, 8^2, 4, 2^8\})$	4294967296
16	$\mathcal{O}(3; \{16^2, 8^2, 4^3, 2^5\})$	17179869184
16	$\mathcal{O}(3; \{16^2, 8^2, 4^5, 2^2\})$	68719476736
16	$\mathcal{O}(3; \{16^2, 8^4, 2^6\})$	34359738368
16	$\mathcal{O}(3; \{16^2, 8^4, 4^2, 2^3\})$	137438953472
16	$\mathcal{O}(3; \{16^2, 8^4, 4^4\})$	549755813888
16	$\mathcal{O}(3; \{16^2, 8^6, 4, 2\})$	1099511627776
16	$\mathcal{O}(3; \{16^4, 8, 4, 2^6\})$	68719476736
16	$\mathcal{O}(3; \{16^4, 8, 4^3, 2^3\})$	274877906944
16	$\mathcal{O}(3; \{16^4, 8, 4^5\})$	1099511627776
16	$\mathcal{O}(3; \{16^4, 8^3, 2^4\})$	549755813888
16	$\mathcal{O}(3; \{16^4, 8^3, 4^2, 2\})$	2199023255552
16	$\mathcal{O}(3; \{16^6, 4, 2^4\})$	1099511627776
16	$\mathcal{O}(3; \{16^6, 4^3, 2\})$	4398046511104
16	$\mathcal{O}(3; \{16^6, 8^2, 2^2\})$	8796093022208
16	$\mathcal{O}(3; \{16^8, 8\})$	140737488355328
16	$\mathcal{O}(2; \{16^2, 2^{17}\})$	524288
16	$\mathcal{O}(2; \{16^2, 4^2, 2^{14}\})$	2097152
16	$\mathcal{O}(2; \{16^2, 4^4, 2^{11}\})$	8388608
16	$\mathcal{O}(2; \{16^2, 4^6, 2^8\})$	33554432
16	$\mathcal{O}(2; \{16^2, 4^8, 2^5\})$	134217728
16	$\mathcal{O}(2; \{16^2, 4^{10}, 2^2\})$	536870912
16	$\mathcal{O}(2; \{16^2, 8^2, 4, 2^{12}\})$	16777216
16	$\mathcal{O}(2; \{16^2, 8^2, 4^3, 2^9\})$	67108864
16	$\mathcal{O}(2; \{16^2, 8^2, 4^5, 2^6\})$	268435456
16	$\mathcal{O}(2; \{16^2, 8^2, 4^7, 2^3\})$	1073741824
16	$\mathcal{O}(2; \{16^2, 8^2, 4^9\})$	4294967296
16	$\mathcal{O}(2; \{16^2, 8^4, 2^{10}\})$	134217728
16	$\mathcal{O}(2; \{16^2, 8^4, 4^2, 2^7\})$	536870912
16	$\mathcal{O}(2; \{16^2, 8^4, 4^4, 2^4\})$	2147483648
16	$\mathcal{O}(2; \{16^2, 8^4, 4^6, 2\})$	8589934592
16	$\mathcal{O}(2; \{16^2, 8^6, 4, 2^5\})$	4294967296
16	$\mathcal{O}(2; \{16^2, 8^6, 4^3, 2^2\})$	17179869184
16	$\mathcal{O}(2; \{16^2, 8^8, 2^3\})$	34359738368
16	$\mathcal{O}(2; \{16^2, 8^8, 4^2\})$	137438953472
16	$\mathcal{O}(2; \{16^4, 8, 4, 2^{10}\})$	268435456

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(2; \{16^4, 8, 4^3, 2^7\})$	1073741824
16	$\mathcal{O}(2; \{16^4, 8, 4^5, 2^4\})$	4294967296
16	$\mathcal{O}(2; \{16^4, 8, 4^7, 2\})$	17179869184
16	$\mathcal{O}(2; \{16^4, 8^3, 2^8\})$	2147483648
16	$\mathcal{O}(2; \{16^4, 8^3, 4^2, 2^5\})$	8589934592
16	$\mathcal{O}(2; \{16^4, 8^3, 4^4, 2^2\})$	34359738368
16	$\mathcal{O}(2; \{16^4, 8^5, 4, 2^3\})$	68719476736
16	$\mathcal{O}(2; \{16^4, 8^5, 4^3\})$	274877906944
16	$\mathcal{O}(2; \{16^4, 8^7, 2\})$	549755813888
16	$\mathcal{O}(2; \{16^6, 4, 2^8\})$	4294967296
16	$\mathcal{O}(2; \{16^6, 4^3, 2^5\})$	17179869184
16	$\mathcal{O}(2; \{16^6, 4^5, 2^2\})$	68719476736
16	$\mathcal{O}(2; \{16^6, 8^2, 2^6\})$	34359738368
16	$\mathcal{O}(2; \{16^6, 8^2, 4^2, 2^3\})$	137438953472
16	$\mathcal{O}(2; \{16^6, 8^2, 4^4\})$	549755813888
16	$\mathcal{O}(2; \{16^6, 8^4, 4, 2\})$	1099511627776
16	$\mathcal{O}(2; \{16^8, 8, 2^4\})$	549755813888
16	$\mathcal{O}(2; \{16^8, 8, 4^2, 2\})$	2199023255552
16	$\mathcal{O}(2; \{16^{10}, 2^2\})$	8796093022208
16	$\mathcal{O}(1; \{16^2, 2^{21}\})$	2048
16	$\mathcal{O}(1; \{16^2, 4^2, 2^{18}\})$	8192
16	$\mathcal{O}(1; \{16^2, 4^4, 2^{15}\})$	32768
16	$\mathcal{O}(1; \{16^2, 4^6, 2^{12}\})$	131072
16	$\mathcal{O}(1; \{16^2, 4^8, 2^9\})$	524288
16	$\mathcal{O}(1; \{16^2, 4^{10}, 2^6\})$	2097152
16	$\mathcal{O}(1; \{16^2, 4^{12}, 2^3\})$	8388608
16	$\mathcal{O}(1; \{16^2, 4^{14}\})$	33554432
16	$\mathcal{O}(1; \{16^2, 8^2, 4, 2^{16}\})$	65536
16	$\mathcal{O}(1; \{16^2, 8^2, 4^3, 2^{13}\})$	262144
16	$\mathcal{O}(1; \{16^2, 8^2, 4^5, 2^{10}\})$	1048576
16	$\mathcal{O}(1; \{16^2, 8^2, 4^7, 2^7\})$	4194304
16	$\mathcal{O}(1; \{16^2, 8^2, 4^9, 2^4\})$	16777216
16	$\mathcal{O}(1; \{16^2, 8^2, 4^{11}, 2\})$	67108864
16	$\mathcal{O}(1; \{16^2, 8^4, 2^{14}\})$	524288
16	$\mathcal{O}(1; \{16^2, 8^4, 4^2, 2^{11}\})$	2097152
16	$\mathcal{O}(1; \{16^2, 8^4, 4^4, 2^8\})$	8388608
16	$\mathcal{O}(1; \{16^2, 8^4, 4^6, 2^5\})$	33554432
16	$\mathcal{O}(1; \{16^2, 8^4, 4^8, 2^2\})$	134217728
16	$\mathcal{O}(1; \{16^2, 8^6, 4, 2^9\})$	16777216
16	$\mathcal{O}(1; \{16^2, 8^6, 4^3, 2^6\})$	67108864
16	$\mathcal{O}(1; \{16^2, 8^6, 4^5, 2^3\})$	268435456
16	$\mathcal{O}(1; \{16^2, 8^6, 4^7\})$	1073741824
16	$\mathcal{O}(1; \{16^2, 8^8, 2^7\})$	134217728

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(1; \{16^2, 8^8, 4^2, 2^4\})$	536870912
16	$\mathcal{O}(1; \{16^2, 8^8, 4^4, 2\})$	2147483648
16	$\mathcal{O}(1; \{16^2, 8^{10}, 4, 2^2\})$	4294967296
16	$\mathcal{O}(1; \{16^2, 8^{12}\})$	34359738368
16	$\mathcal{O}(1; \{16^4, 8, 4, 2^{14}\})$	1048576
16	$\mathcal{O}(1; \{16^4, 8, 4^3, 2^{11}\})$	4194304
16	$\mathcal{O}(1; \{16^4, 8, 4^5, 2^8\})$	16777216
16	$\mathcal{O}(1; \{16^4, 8, 4^7, 2^5\})$	67108864
16	$\mathcal{O}(1; \{16^4, 8, 4^9, 2^2\})$	268435456
16	$\mathcal{O}(1; \{16^4, 8^3, 2^{12}\})$	8388608
16	$\mathcal{O}(1; \{16^4, 8^3, 4^2, 2^9\})$	33554432
16	$\mathcal{O}(1; \{16^4, 8^3, 4^4, 2^6\})$	134217728
16	$\mathcal{O}(1; \{16^4, 8^3, 4^6, 2^3\})$	536870912
16	$\mathcal{O}(1; \{16^4, 8^3, 4^8\})$	2147483648
16	$\mathcal{O}(1; \{16^4, 8^5, 4, 2^7\})$	268435456
16	$\mathcal{O}(1; \{16^4, 8^5, 4^3, 2^4\})$	1073741824
16	$\mathcal{O}(1; \{16^4, 8^5, 4^5, 2\})$	4294967296
16	$\mathcal{O}(1; \{16^4, 8^7, 2^5\})$	2147483648
16	$\mathcal{O}(1; \{16^4, 8^7, 4^2, 2^2\})$	8589934592
16	$\mathcal{O}(1; \{16^4, 8^9, 4\})$	68719476736
16	$\mathcal{O}(1; \{16^6, 4, 2^{12}\})$	16777216
16	$\mathcal{O}(1; \{16^6, 4^3, 2^9\})$	67108864
16	$\mathcal{O}(1; \{16^6, 4^5, 2^6\})$	268435456
16	$\mathcal{O}(1; \{16^6, 4^7, 2^3\})$	1073741824
16	$\mathcal{O}(1; \{16^6, 4^9\})$	4294967296
16	$\mathcal{O}(1; \{16^6, 8^2, 2^{10}\})$	134217728
16	$\mathcal{O}(1; \{16^6, 8^2, 4^2, 2^7\})$	536870912
16	$\mathcal{O}(1; \{16^6, 8^2, 4^4, 2^4\})$	2147483648
16	$\mathcal{O}(1; \{16^6, 8^2, 4^6, 2\})$	8589934592
16	$\mathcal{O}(1; \{16^6, 8^4, 4, 2^5\})$	4294967296
16	$\mathcal{O}(1; \{16^6, 8^4, 4^3, 2^2\})$	17179869184
16	$\mathcal{O}(1; \{16^6, 8^6, 2^3\})$	34359738368
16	$\mathcal{O}(1; \{16^6, 8^6, 4^2\})$	137438953472
16	$\mathcal{O}(1; \{16^8, 8, 2^8\})$	2147483648
16	$\mathcal{O}(1; \{16^8, 8, 4^2, 2^5\})$	8589934592
16	$\mathcal{O}(1; \{16^8, 8, 4^4, 2^2\})$	34359738368
16	$\mathcal{O}(1; \{16^8, 8^3, 4, 2^3\})$	68719476736
16	$\mathcal{O}(1; \{16^8, 8^3, 4^3\})$	274877906944
16	$\mathcal{O}(1; \{16^8, 8^5, 2\})$	549755813888
16	$\mathcal{O}(1; \{16^{10}, 2^6\})$	34359738368
16	$\mathcal{O}(1; \{16^{10}, 4^2, 2^3\})$	137438953472
16	$\mathcal{O}(1; \{16^{10}, 4^4\})$	549755813888
16	$\mathcal{O}(1; \{16^{10}, 8^2, 4, 2\})$	1099511627776

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{16^2, 2^{25}\})$	8
16	$\mathcal{O}(0; \{16^2, 4^2, 2^{22}\})$	32
16	$\mathcal{O}(0; \{16^2, 4^4, 2^{19}\})$	128
16	$\mathcal{O}(0; \{16^2, 4^6, 2^{16}\})$	512
16	$\mathcal{O}(0; \{16^2, 4^8, 2^{13}\})$	2048
16	$\mathcal{O}(0; \{16^2, 4^{10}, 2^{10}\})$	8192
16	$\mathcal{O}(0; \{16^2, 4^{12}, 2^7\})$	32768
16	$\mathcal{O}(0; \{16^2, 4^{14}, 2^4\})$	131072
16	$\mathcal{O}(0; \{16^2, 4^{16}, 2\})$	524288
16	$\mathcal{O}(0; \{16^2, 8^2, 4, 2^{20}\})$	256
16	$\mathcal{O}(0; \{16^2, 8^2, 4^3, 2^{17}\})$	1024
16	$\mathcal{O}(0; \{16^2, 8^2, 4^5, 2^{14}\})$	4096
16	$\mathcal{O}(0; \{16^2, 8^2, 4^7, 2^{11}\})$	16384
16	$\mathcal{O}(0; \{16^2, 8^2, 4^9, 2^8\})$	65536
16	$\mathcal{O}(0; \{16^2, 8^2, 4^{11}, 2^5\})$	262144
16	$\mathcal{O}(0; \{16^2, 8^2, 4^{13}, 2^2\})$	1048576
16	$\mathcal{O}(0; \{16^2, 8^4, 2^{18}\})$	2048
16	$\mathcal{O}(0; \{16^2, 8^4, 4^2, 2^{15}\})$	8192
16	$\mathcal{O}(0; \{16^2, 8^4, 4^4, 2^{12}\})$	32768
16	$\mathcal{O}(0; \{16^2, 8^4, 4^6, 2^9\})$	131072
16	$\mathcal{O}(0; \{16^2, 8^4, 4^8, 2^6\})$	524288
16	$\mathcal{O}(0; \{16^2, 8^4, 4^{10}, 2^3\})$	2097152
16	$\mathcal{O}(0; \{16^2, 8^4, 4^{12}\})$	8388608
16	$\mathcal{O}(0; \{16^2, 8^6, 4, 2^{13}\})$	65536
16	$\mathcal{O}(0; \{16^2, 8^6, 4^3, 2^{10}\})$	262144
16	$\mathcal{O}(0; \{16^2, 8^6, 4^5, 2^7\})$	1048576
16	$\mathcal{O}(0; \{16^2, 8^6, 4^7, 2^4\})$	4194304
16	$\mathcal{O}(0; \{16^2, 8^6, 4^9, 2\})$	16777216
16	$\mathcal{O}(0; \{16^2, 8^8, 2^{11}\})$	524288
16	$\mathcal{O}(0; \{16^2, 8^8, 4^2, 2^8\})$	2097152
16	$\mathcal{O}(0; \{16^2, 8^8, 4^4, 2^5\})$	8388608
16	$\mathcal{O}(0; \{16^2, 8^8, 4^6, 2^2\})$	33554432
16	$\mathcal{O}(0; \{16^2, 8^{10}, 4, 2^6\})$	16777216
16	$\mathcal{O}(0; \{16^2, 8^{10}, 4^3, 2^3\})$	67108864
16	$\mathcal{O}(0; \{16^2, 8^{10}, 4^5\})$	268435456
16	$\mathcal{O}(0; \{16^2, 8^{12}, 2^4\})$	134217728
16	$\mathcal{O}(0; \{16^2, 8^{12}, 4^2, 2\})$	536870912
16	$\mathcal{O}(0; \{16^4, 8, 4, 2^{18}\})$	4096
16	$\mathcal{O}(0; \{16^4, 8, 4^3, 2^{15}\})$	16384
16	$\mathcal{O}(0; \{16^4, 8, 4^5, 2^{12}\})$	65536
16	$\mathcal{O}(0; \{16^4, 8, 4^7, 2^9\})$	262144
16	$\mathcal{O}(0; \{16^4, 8, 4^9, 2^6\})$	1048576
16	$\mathcal{O}(0; \{16^4, 8, 4^{11}, 2^3\})$	4194304

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{16^4, 8, 4^{13}\})$	16777216
16	$\mathcal{O}(0; \{16^4, 8^3, 2^{16}\})$	32768
16	$\mathcal{O}(0; \{16^4, 8^3, 4^2, 2^{13}\})$	131072
16	$\mathcal{O}(0; \{16^4, 8^3, 4^4, 2^{10}\})$	524288
16	$\mathcal{O}(0; \{16^4, 8^3, 4^6, 2^7\})$	2097152
16	$\mathcal{O}(0; \{16^4, 8^3, 4^8, 2^4\})$	8388608
16	$\mathcal{O}(0; \{16^4, 8^3, 4^{10}, 2\})$	33554432
16	$\mathcal{O}(0; \{16^4, 8^5, 4, 2^{11}\})$	1048576
16	$\mathcal{O}(0; \{16^4, 8^5, 4^3, 2^8\})$	4194304
16	$\mathcal{O}(0; \{16^4, 8^5, 4^5, 2^5\})$	16777216
16	$\mathcal{O}(0; \{16^4, 8^5, 4^7, 2^2\})$	67108864
16	$\mathcal{O}(0; \{16^4, 8^7, 2^9\})$	8388608
16	$\mathcal{O}(0; \{16^4, 8^7, 4^2, 2^6\})$	33554432
16	$\mathcal{O}(0; \{16^4, 8^7, 4^4, 2^3\})$	134217728
16	$\mathcal{O}(0; \{16^4, 8^7, 4^6\})$	536870912
16	$\mathcal{O}(0; \{16^4, 8^9, 4, 2^4\})$	268435456
16	$\mathcal{O}(0; \{16^4, 8^9, 4^3, 2\})$	1073741824
16	$\mathcal{O}(0; \{16^4, 8^{11}, 2^2\})$	2147483648
16	$\mathcal{O}(0; \{16^6, 4, 2^{16}\})$	65536
16	$\mathcal{O}(0; \{16^6, 4^3, 2^{13}\})$	262144
16	$\mathcal{O}(0; \{16^6, 4^5, 2^{10}\})$	1048576
16	$\mathcal{O}(0; \{16^6, 4^7, 2^7\})$	4194304
16	$\mathcal{O}(0; \{16^6, 4^9, 2^4\})$	16777216
16	$\mathcal{O}(0; \{16^6, 4^{11}, 2\})$	67108864
16	$\mathcal{O}(0; \{16^6, 8^2, 2^{14}\})$	524288
16	$\mathcal{O}(0; \{16^6, 8^2, 4^2, 2^{11}\})$	2097152
16	$\mathcal{O}(0; \{16^6, 8^2, 4^4, 2^8\})$	8388608
16	$\mathcal{O}(0; \{16^6, 8^2, 4^6, 2^5\})$	33554432
16	$\mathcal{O}(0; \{16^6, 8^2, 4^8, 2^2\})$	134217728
16	$\mathcal{O}(0; \{16^6, 8^4, 4, 2^9\})$	16777216
16	$\mathcal{O}(0; \{16^6, 8^4, 4^3, 2^6\})$	67108864
16	$\mathcal{O}(0; \{16^6, 8^4, 4^5, 2^3\})$	268435456
16	$\mathcal{O}(0; \{16^6, 8^4, 4^7\})$	1073741824
16	$\mathcal{O}(0; \{16^6, 8^6, 2^7\})$	134217728
16	$\mathcal{O}(0; \{16^6, 8^6, 4^2, 2^4\})$	536870912
16	$\mathcal{O}(0; \{16^6, 8^6, 4^4, 2\})$	2147483648
16	$\mathcal{O}(0; \{16^6, 8^8, 4, 2^2\})$	4294967296
16	$\mathcal{O}(0; \{16^6, 8^{10}\})$	34359738368
16	$\mathcal{O}(0; \{16^8, 8, 2^{12}\})$	8388608
16	$\mathcal{O}(0; \{16^8, 8, 4^2, 2^9\})$	33554432
16	$\mathcal{O}(0; \{16^8, 8, 4^4, 2^6\})$	134217728
16	$\mathcal{O}(0; \{16^8, 8, 4^6, 2^3\})$	536870912
16	$\mathcal{O}(0; \{16^8, 8, 4^8\})$	2147483648

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{16^8, 8^3, 4, 2^7\})$	268435456
16	$\mathcal{O}(0; \{16^8, 8^3, 4^3, 2^4\})$	1073741824
16	$\mathcal{O}(0; \{16^8, 8^3, 4^5, 2\})$	4294967296
16	$\mathcal{O}(0; \{16^8, 8^5, 2^5\})$	2147483648
16	$\mathcal{O}(0; \{16^8, 8^5, 4^2, 2^2\})$	8589934592
16	$\mathcal{O}(0; \{16^8, 8^7, 4\})$	68719476736
16	$\mathcal{O}(0; \{16^{10}, 2^{10}\})$	134217728
16	$\mathcal{O}(0; \{16^{10}, 4^2, 2^7\})$	536870912
16	$\mathcal{O}(0; \{16^{10}, 4^4, 2^4\})$	2147483648
16	$\mathcal{O}(0; \{16^{10}, 4^6, 2\})$	8589934592
16	$\mathcal{O}(0; \{16^{10}, 8^2, 4, 2^5\})$	4294967296
16	$\mathcal{O}(0; \{16^{10}, 8^2, 4^3, 2^2\})$	17179869184
16	$\mathcal{O}(0; \{16^{10}, 8^4, 2^3\})$	34359738368
16	$\mathcal{O}(0; \{16^{10}, 8^4, 4^2\})$	137438953472
16	$\mathcal{O}(0; \{16^{12}, 8, 4, 2^3\})$	68719476736
16	$\mathcal{O}(0; \{16^{12}, 8, 4^3\})$	274877906944
16	$\mathcal{O}(0; \{16^{12}, 8^3, 2\})$	549755813888
16	$\mathcal{O}(0; \{16^{14}, 4, 2\})$	1099511627776
17	$\mathcal{O}(4; \{17^6\})$	6884347115493136
18	$\mathcal{O}(6; \{2^2\})$	1156829204643840
18	$\mathcal{O}(5; \{2^6\})$	3570406760448
18	$\mathcal{O}(5; \{3^3, 2^2\})$	7140813520896
18	$\mathcal{O}(5; \{6, 3, 2^3\})$	7140813520896
18	$\mathcal{O}(5; \{6^2, 3^2\})$	21422440562688
18	$\mathcal{O}(5; \{6^3, 2\})$	7140813520896
18	$\mathcal{O}(5; \{18, 9, 3, 2\})$	42845606719488
18	$\mathcal{O}(4; \{2^{10}\})$	11018280960
18	$\mathcal{O}(4; \{3^3, 2^6\})$	22036561920
18	$\mathcal{O}(4; \{3^6, 2^2\})$	242402181120
18	$\mathcal{O}(4; \{6, 3, 2^7\})$	22036561920
18	$\mathcal{O}(4; \{6, 3^4, 2^3\})$	110182809600
18	$\mathcal{O}(4; \{6^2, 3^2, 2^4\})$	66109685760
18	$\mathcal{O}(4; \{6^2, 3^5\})$	462767800320
18	$\mathcal{O}(4; \{6^3, 2^5\})$	22036561920
18	$\mathcal{O}(4; \{6^3, 3^3, 2\})$	242402181120
18	$\mathcal{O}(4; \{6^4, 3, 2^2\})$	110182809600
18	$\mathcal{O}(4; \{6^6\})$	242402181120
18	$\mathcal{O}(4; \{9^3, 3^2, 2^2\})$	793437161472
18	$\mathcal{O}(4; \{9^3, 6, 2^3\})$	396718580736
18	$\mathcal{O}(4; \{9^3, 6^2, 3\})$	1586874322944
18	$\mathcal{O}(4; \{18, 9, 3, 2^5\})$	132239526912
18	$\mathcal{O}(4; \{18, 9, 3^4, 2\})$	1057916215296
18	$\mathcal{O}(4; \{18, 9, 6, 3^2, 2^2\})$	528958107648

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(4; \{18, 9, 6^2, 2^3\})$	264479053824
18	$\mathcal{O}(4; \{18, 9, 6^3, 3\})$	1057916215296
18	$\mathcal{O}(4; \{18, 9^4, 2\})$	8926168066560
18	$\mathcal{O}(4; \{18^2, 9^2, 3^2\})$	7140934453248
18	$\mathcal{O}(4; \{18^2, 9^2, 6, 2\})$	3570467226624
18	$\mathcal{O}(4; \{18^3, 3, 2^3\})$	396718580736
18	$\mathcal{O}(4; \{18^3, 6, 3^2\})$	1586874322944
18	$\mathcal{O}(4; \{18^3, 6^2, 2\})$	793437161472
18	$\mathcal{O}(3; \{2^{14}\})$	33965568
18	$\mathcal{O}(3; \{3^3, 2^{10}\})$	67931136
18	$\mathcal{O}(3; \{3^6, 2^6\})$	747242496
18	$\mathcal{O}(3; \{3^9, 2^2\})$	5774146560
18	$\mathcal{O}(3; \{6, 3, 2^{11}\})$	67931136
18	$\mathcal{O}(3; \{6, 3^4, 2^7\})$	339655680
18	$\mathcal{O}(3; \{6, 3^7, 2^3\})$	2921038848
18	$\mathcal{O}(3; \{6^2, 3^2, 2^8\})$	203793408
18	$\mathcal{O}(3; \{6^2, 3^5, 2^4\})$	1426553856
18	$\mathcal{O}(3; \{6^2, 3^8\})$	11616224256
18	$\mathcal{O}(3; \{6^3, 2^9\})$	67931136
18	$\mathcal{O}(3; \{6^3, 3^3, 2^5\})$	747242496
18	$\mathcal{O}(3; \{6^3, 3^6, 2\})$	5774146560
18	$\mathcal{O}(3; \{6^4, 3, 2^6\})$	339655680
18	$\mathcal{O}(3; \{6^4, 3^4, 2^2\})$	2921038848
18	$\mathcal{O}(3; \{6^5, 3^2, 2^3\})$	1426553856
18	$\mathcal{O}(3; \{6^6, 2^4\})$	747242496
18	$\mathcal{O}(3; \{6^6, 3^3\})$	5774146560
18	$\mathcal{O}(3; \{6^7, 3, 2\})$	2921038848
18	$\mathcal{O}(3; \{9^3, 3^2, 2^6\})$	2448880128
18	$\mathcal{O}(3; \{9^3, 3^5, 2^2\})$	19591041024
18	$\mathcal{O}(3; \{9^3, 6, 2^7\})$	1224440064
18	$\mathcal{O}(3; \{9^3, 6, 3^3, 2^3\})$	9795520512
18	$\mathcal{O}(3; \{9^3, 6^2, 3, 2^4\})$	4897760256
18	$\mathcal{O}(3; \{9^3, 6^2, 3^4\})$	39182082048
18	$\mathcal{O}(3; \{9^3, 6^3, 3^2, 2\})$	19591041024
18	$\mathcal{O}(3; \{9^3, 6^4, 2^2\})$	9795520512
18	$\mathcal{O}(3; \{9^6, 3, 2^2\})$	363658699008
18	$\mathcal{O}(3; \{9^6, 6^2\})$	727317398016
18	$\mathcal{O}(3; \{18, 9, 3, 2^9\})$	408146688
18	$\mathcal{O}(3; \{18, 9, 3^4, 2^5\})$	3265173504
18	$\mathcal{O}(3; \{18, 9, 3^7, 2\})$	26121388032
18	$\mathcal{O}(3; \{18, 9, 6, 3^2, 2^6\})$	1632586752
18	$\mathcal{O}(3; \{18, 9, 6, 3^5, 2^2\})$	13060694016
18	$\mathcal{O}(3; \{18, 9, 6^2, 2^7\})$	816293376

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(3; \{18, 9, 6^2, 3^3, 2^3\})$	6530347008
18	$\mathcal{O}(3; \{18, 9, 6^3, 3, 2^4\})$	3265173504
18	$\mathcal{O}(3; \{18, 9, 6^3, 3^4\})$	26121388032
18	$\mathcal{O}(3; \{18, 9, 6^4, 3^2, 2\})$	13060694016
18	$\mathcal{O}(3; \{18, 9, 6^5, 2^2\})$	6530347008
18	$\mathcal{O}(3; \{18, 9^4, 2^5\})$	27549901440
18	$\mathcal{O}(3; \{18, 9^4, 3^3, 2\})$	220399211520
18	$\mathcal{O}(3; \{18, 9^4, 6, 3, 2^2\})$	110199605760
18	$\mathcal{O}(3; \{18, 9^4, 6^3\})$	220399211520
18	$\mathcal{O}(3; \{18^2, 9^2, 3^2, 2^4\})$	22039921152
18	$\mathcal{O}(3; \{18^2, 9^2, 3^5\})$	176319369216
18	$\mathcal{O}(3; \{18^2, 9^2, 6, 2^5\})$	11019960576
18	$\mathcal{O}(3; \{18^2, 9^2, 6, 3^3, 2\})$	88159684608
18	$\mathcal{O}(3; \{18^2, 9^2, 6^2, 3, 2^2\})$	44079842304
18	$\mathcal{O}(3; \{18^2, 9^2, 6^4\})$	88159684608
18	$\mathcal{O}(3; \{18^2, 9^5, 3\})$	2082772548864
18	$\mathcal{O}(3; \{18^3, 3, 2^7\})$	1224440064
18	$\mathcal{O}(3; \{18^3, 3^4, 2^3\})$	9795520512
18	$\mathcal{O}(3; \{18^3, 6, 3^2, 2^4\})$	4897760256
18	$\mathcal{O}(3; \{18^3, 6, 3^5\})$	39182082048
18	$\mathcal{O}(3; \{18^3, 6^2, 2^5\})$	2448880128
18	$\mathcal{O}(3; \{18^3, 6^2, 3^3, 2\})$	19591041024
18	$\mathcal{O}(3; \{18^3, 6^3, 3, 2^2\})$	9795520512
18	$\mathcal{O}(3; \{18^3, 6^5\})$	19591041024
18	$\mathcal{O}(3; \{18^3, 9^3, 2^3\})$	181829349504
18	$\mathcal{O}(3; \{18^3, 9^3, 6, 3\})$	727317398016
18	$\mathcal{O}(3; \{18^4, 9, 3^2, 2^2\})$	110199605760
18	$\mathcal{O}(3; \{18^4, 9, 6, 2^3\})$	55099802880
18	$\mathcal{O}(3; \{18^4, 9, 6^2, 3\})$	220399211520
18	$\mathcal{O}(3; \{18^5, 9^2, 2\})$	1041386274432
18	$\mathcal{O}(3; \{18^6, 3^2\})$	727317398016
18	$\mathcal{O}(3; \{18^6, 6, 2\})$	363658699008
18	$\mathcal{O}(2; \{2^{18}\})$	103680
18	$\mathcal{O}(2; \{3^3, 2^{14}\})$	207360
18	$\mathcal{O}(2; \{3^6, 2^{10}\})$	2280960
18	$\mathcal{O}(2; \{3^9, 2^6\})$	17625600
18	$\mathcal{O}(2; \{3^{12}, 2^2\})$	141626880
18	$\mathcal{O}(2; \{6, 3, 2^{15}\})$	207360
18	$\mathcal{O}(2; \{6, 3^4, 2^{11}\})$	1036800
18	$\mathcal{O}(2; \{6, 3^7, 2^7\})$	8916480
18	$\mathcal{O}(2; \{6, 3^{10}, 2^3\})$	70709760
18	$\mathcal{O}(2; \{6^2, 3^2, 2^{12}\})$	622080
18	$\mathcal{O}(2; \{6^2, 3^5, 2^8\})$	4354560

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(2; \{6^2, 3^8, 2^4\})$	35458560
18	$\mathcal{O}(2; \{6^2, 3^{11}\})$	283046400
18	$\mathcal{O}(2; \{6^3, 2^{13}\})$	207360
18	$\mathcal{O}(2; \{6^3, 3^3, 2^9\})$	2280960
18	$\mathcal{O}(2; \{6^3, 3^6, 2^5\})$	17625600
18	$\mathcal{O}(2; \{6^3, 3^9, 2\})$	141626880
18	$\mathcal{O}(2; \{6^4, 3, 2^{10}\})$	1036800
18	$\mathcal{O}(2; \{6^4, 3^4, 2^6\})$	8916480
18	$\mathcal{O}(2; \{6^4, 3^7, 2^2\})$	70709760
18	$\mathcal{O}(2; \{6^5, 3^2, 2^7\})$	4354560
18	$\mathcal{O}(2; \{6^5, 3^5, 2^3\})$	35458560
18	$\mathcal{O}(2; \{6^6, 2^8\})$	2280960
18	$\mathcal{O}(2; \{6^6, 3^3, 2^4\})$	17625600
18	$\mathcal{O}(2; \{6^6, 3^6\})$	141626880
18	$\mathcal{O}(2; \{6^7, 3, 2^5\})$	8916480
18	$\mathcal{O}(2; \{6^7, 3^4, 2\})$	70709760
18	$\mathcal{O}(2; \{6^8, 3^2, 2^2\})$	35458560
18	$\mathcal{O}(2; \{6^9, 2^3\})$	17625600
18	$\mathcal{O}(2; \{6^{10}, 3\})$	70709760
18	$\mathcal{O}(2; \{9^3, 3^2, 2^{10}\})$	7558272
18	$\mathcal{O}(2; \{9^3, 3^5, 2^6\})$	60466176
18	$\mathcal{O}(2; \{9^3, 3^8, 2^2\})$	483729408
18	$\mathcal{O}(2; \{9^3, 6, 2^{11}\})$	3779136
18	$\mathcal{O}(2; \{9^3, 6, 3^3, 2^7\})$	30233088
18	$\mathcal{O}(2; \{9^3, 6, 3^6, 2^3\})$	241864704
18	$\mathcal{O}(2; \{9^3, 6^2, 3, 2^8\})$	15116544
18	$\mathcal{O}(2; \{9^3, 6^2, 3^4, 2^4\})$	120932352
18	$\mathcal{O}(2; \{9^3, 6^2, 3^7\})$	967458816
18	$\mathcal{O}(2; \{9^3, 6^3, 3^2, 2^5\})$	60466176
18	$\mathcal{O}(2; \{9^3, 6^3, 3^5, 2\})$	483729408
18	$\mathcal{O}(2; \{9^3, 6^4, 2^6\})$	30233088
18	$\mathcal{O}(2; \{9^3, 6^4, 3^3, 2^2\})$	241864704
18	$\mathcal{O}(2; \{9^3, 6^5, 3, 2^3\})$	120932352
18	$\mathcal{O}(2; \{9^3, 6^6, 3^2\})$	483729408
18	$\mathcal{O}(2; \{9^3, 6^7, 2\})$	241864704
18	$\mathcal{O}(2; \{9^6, 3, 2^6\})$	1122403392
18	$\mathcal{O}(2; \{9^6, 3^4, 2^2\})$	8979227136
18	$\mathcal{O}(2; \{9^6, 6, 3^2, 2^3\})$	4489613568
18	$\mathcal{O}(2; \{9^6, 6^2, 2^4\})$	2244806784
18	$\mathcal{O}(2; \{9^6, 6^2, 3^3\})$	17958454272
18	$\mathcal{O}(2; \{9^6, 6^3, 3, 2\})$	8979227136
18	$\mathcal{O}(2; \{9^9, 2^2\})$	117087081120
18	$\mathcal{O}(2; \{18, 9, 3, 2^{13}\})$	1259712

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(2; \{18, 9, 3^4, 2^9\})$	10077696
18	$\mathcal{O}(2; \{18, 9, 3^7, 2^5\})$	80621568
18	$\mathcal{O}(2; \{18, 9, 3^{10}, 2\})$	644972544
18	$\mathcal{O}(2; \{18, 9, 6, 3^2, 2^{10}\})$	5038848
18	$\mathcal{O}(2; \{18, 9, 6, 3^5, 2^6\})$	40310784
18	$\mathcal{O}(2; \{18, 9, 6, 3^8, 2^2\})$	322486272
18	$\mathcal{O}(2; \{18, 9, 6^2, 2^{11}\})$	2519424
18	$\mathcal{O}(2; \{18, 9, 6^2, 3^3, 2^7\})$	20155392
18	$\mathcal{O}(2; \{18, 9, 6^2, 3^6, 2^3\})$	161243136
18	$\mathcal{O}(2; \{18, 9, 6^3, 3, 2^8\})$	10077696
18	$\mathcal{O}(2; \{18, 9, 6^3, 3^4, 2^4\})$	80621568
18	$\mathcal{O}(2; \{18, 9, 6^3, 3^7\})$	644972544
18	$\mathcal{O}(2; \{18, 9, 6^4, 3^2, 2^5\})$	40310784
18	$\mathcal{O}(2; \{18, 9, 6^4, 3^5, 2\})$	322486272
18	$\mathcal{O}(2; \{18, 9, 6^5, 2^6\})$	20155392
18	$\mathcal{O}(2; \{18, 9, 6^5, 3^3, 2^2\})$	161243136
18	$\mathcal{O}(2; \{18, 9, 6^6, 3, 2^3\})$	80621568
18	$\mathcal{O}(2; \{18, 9, 6^7, 3^2\})$	322486272
18	$\mathcal{O}(2; \{18, 9, 6^8, 2\})$	161243136
18	$\mathcal{O}(2; \{18, 9^4, 2^9\})$	85030560
18	$\mathcal{O}(2; \{18, 9^4, 3^3, 2^5\})$	680244480
18	$\mathcal{O}(2; \{18, 9^4, 3^6, 2\})$	5441955840
18	$\mathcal{O}(2; \{18, 9^4, 6, 3, 2^6\})$	340122240
18	$\mathcal{O}(2; \{18, 9^4, 6, 3^4, 2^2\})$	2720977920
18	$\mathcal{O}(2; \{18, 9^4, 6^2, 3^2, 2^3\})$	1360488960
18	$\mathcal{O}(2; \{18, 9^4, 6^3, 2^4\})$	680244480
18	$\mathcal{O}(2; \{18, 9^4, 6^3, 3^3\})$	5441955840
18	$\mathcal{O}(2; \{18, 9^4, 6^4, 3, 2\})$	2720977920
18	$\mathcal{O}(2; \{18, 9^7, 3^2, 2\})$	78976384128
18	$\mathcal{O}(2; \{18, 9^7, 6, 2^2\})$	39488192064
18	$\mathcal{O}(2; \{18^2, 9^2, 3^2, 2^8\})$	68024448
18	$\mathcal{O}(2; \{18^2, 9^2, 3^5, 2^4\})$	544195584
18	$\mathcal{O}(2; \{18^2, 9^2, 3^8\})$	4353564672
18	$\mathcal{O}(2; \{18^2, 9^2, 6, 2^9\})$	34012224
18	$\mathcal{O}(2; \{18^2, 9^2, 6, 3^3, 2^5\})$	272097792
18	$\mathcal{O}(2; \{18^2, 9^2, 6, 3^6, 2\})$	2176782336
18	$\mathcal{O}(2; \{18^2, 9^2, 6^2, 3, 2^6\})$	136048896
18	$\mathcal{O}(2; \{18^2, 9^2, 6^2, 3^4, 2^2\})$	1088391168
18	$\mathcal{O}(2; \{18^2, 9^2, 6^3, 3^2, 2^3\})$	544195584
18	$\mathcal{O}(2; \{18^2, 9^2, 6^4, 2^4\})$	272097792
18	$\mathcal{O}(2; \{18^2, 9^2, 6^4, 3^3\})$	2176782336
18	$\mathcal{O}(2; \{18^2, 9^2, 6^5, 3, 2\})$	1088391168
18	$\mathcal{O}(2; \{18^2, 9^5, 3, 2^4\})$	6428310336

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(2; \{18^2, 9^5, 3^4\})$	51426482688
18	$\mathcal{O}(2; \{18^2, 9^5, 6, 3^2, 2\})$	25713241344
18	$\mathcal{O}(2; \{18^2, 9^5, 6^2, 2^2\})$	12856620672
18	$\mathcal{O}(2; \{18^2, 9^8\})$	706654971936
18	$\mathcal{O}(2; \{18^3, 3, 2^{11}\})$	3779136
18	$\mathcal{O}(2; \{18^3, 3^4, 2^7\})$	30233088
18	$\mathcal{O}(2; \{18^3, 3^7, 2^3\})$	241864704
18	$\mathcal{O}(2; \{18^3, 6, 3^2, 2^8\})$	15116544
18	$\mathcal{O}(2; \{18^3, 6, 3^5, 2^4\})$	120932352
18	$\mathcal{O}(2; \{18^3, 6, 3^8\})$	967458816
18	$\mathcal{O}(2; \{18^3, 6^2, 2^9\})$	7558272
18	$\mathcal{O}(2; \{18^3, 6^2, 3^3, 2^5\})$	60466176
18	$\mathcal{O}(2; \{18^3, 6^2, 3^6, 2\})$	483729408
18	$\mathcal{O}(2; \{18^3, 6^3, 3, 2^6\})$	30233088
18	$\mathcal{O}(2; \{18^3, 6^3, 3^4, 2^2\})$	241864704
18	$\mathcal{O}(2; \{18^3, 6^4, 3^2, 2^3\})$	120932352
18	$\mathcal{O}(2; \{18^3, 6^5, 2^4\})$	60466176
18	$\mathcal{O}(2; \{18^3, 6^5, 3^3\})$	483729408
18	$\mathcal{O}(2; \{18^3, 6^6, 3, 2\})$	241864704
18	$\mathcal{O}(2; \{18^3, 9^3, 2^7\})$	561201696
18	$\mathcal{O}(2; \{18^3, 9^3, 3^3, 2^3\})$	4489613568
18	$\mathcal{O}(2; \{18^3, 9^3, 6, 3, 2^4\})$	2244806784
18	$\mathcal{O}(2; \{18^3, 9^3, 6, 3^4\})$	17958454272
18	$\mathcal{O}(2; \{18^3, 9^3, 6^2, 3^2, 2\})$	8979227136
18	$\mathcal{O}(2; \{18^3, 9^3, 6^3, 2^2\})$	4489613568
18	$\mathcal{O}(2; \{18^3, 9^6, 6\})$	234174162240
18	$\mathcal{O}(2; \{18^4, 9, 3^2, 2^6\})$	340122240
18	$\mathcal{O}(2; \{18^4, 9, 3^5, 2^2\})$	2720977920
18	$\mathcal{O}(2; \{18^4, 9, 6, 2^7\})$	170061120
18	$\mathcal{O}(2; \{18^4, 9, 6, 3^3, 2^3\})$	1360488960
18	$\mathcal{O}(2; \{18^4, 9, 6^2, 3, 2^4\})$	680244480
18	$\mathcal{O}(2; \{18^4, 9, 6^2, 3^4\})$	5441955840
18	$\mathcal{O}(2; \{18^4, 9, 6^3, 3^2, 2\})$	2720977920
18	$\mathcal{O}(2; \{18^4, 9, 6^4, 2^2\})$	1360488960
18	$\mathcal{O}(2; \{18^4, 9^4, 3, 2^2\})$	39488192064
18	$\mathcal{O}(2; \{18^4, 9^4, 6^2\})$	78976384128
18	$\mathcal{O}(2; \{18^5, 9^2, 2^5\})$	3214155168
18	$\mathcal{O}(2; \{18^5, 9^2, 3^3, 2\})$	25713241344
18	$\mathcal{O}(2; \{18^5, 9^2, 6, 3, 2^2\})$	12856620672
18	$\mathcal{O}(2; \{18^5, 9^2, 6^3\})$	25713241344
18	$\mathcal{O}(2; \{18^6, 3^2, 2^4\})$	2244806784
18	$\mathcal{O}(2; \{18^6, 3^5\})$	17958454272
18	$\mathcal{O}(2; \{18^6, 6, 2^5\})$	1122403392

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(2; \{18^6, 6, 3^3, 2\})$	8979227136
18	$\mathcal{O}(2; \{18^6, 6^2, 3, 2^2\})$	4489613568
18	$\mathcal{O}(2; \{18^6, 6^4\})$	8979227136
18	$\mathcal{O}(2; \{18^6, 9^3, 3\})$	234174162240
18	$\mathcal{O}(2; \{18^7, 9, 2^3\})$	19744096032
18	$\mathcal{O}(2; \{18^7, 9, 6, 3\})$	78976384128
18	$\mathcal{O}(2; \{18^9, 2\})$	117087081120
18	$\mathcal{O}(1; \{2^{22}\})$	288
18	$\mathcal{O}(1; \{3^3, 2^{18}\})$	576
18	$\mathcal{O}(1; \{3^6, 2^{14}\})$	6336
18	$\mathcal{O}(1; \{3^9, 2^{10}\})$	48960
18	$\mathcal{O}(1; \{3^{12}, 2^6\})$	393408
18	$\mathcal{O}(1; \{3^{15}, 2^2\})$	3145536
18	$\mathcal{O}(1; \{6, 3, 2^{19}\})$	576
18	$\mathcal{O}(1; \{6, 3^4, 2^{15}\})$	2880
18	$\mathcal{O}(1; \{6, 3^7, 2^{11}\})$	24768
18	$\mathcal{O}(1; \{6, 3^{10}, 2^7\})$	196416
18	$\mathcal{O}(1; \{6, 3^{13}, 2^3\})$	1573056
18	$\mathcal{O}(1; \{6^2, 3^2, 2^{16}\})$	1728
18	$\mathcal{O}(1; \{6^2, 3^5, 2^{12}\})$	12096
18	$\mathcal{O}(1; \{6^2, 3^8, 2^8\})$	98496
18	$\mathcal{O}(1; \{6^2, 3^{11}, 2^4\})$	786240
18	$\mathcal{O}(1; \{6^2, 3^{14}\})$	6291648
18	$\mathcal{O}(1; \{6^3, 2^{17}\})$	576
18	$\mathcal{O}(1; \{6^3, 3^3, 2^{13}\})$	6336
18	$\mathcal{O}(1; \{6^3, 3^6, 2^9\})$	48960
18	$\mathcal{O}(1; \{6^3, 3^9, 2^5\})$	393408
18	$\mathcal{O}(1; \{6^3, 3^{12}, 2\})$	3145536
18	$\mathcal{O}(1; \{6^4, 3, 2^{14}\})$	2880
18	$\mathcal{O}(1; \{6^4, 3^4, 2^{10}\})$	24768
18	$\mathcal{O}(1; \{6^4, 3^7, 2^6\})$	196416
18	$\mathcal{O}(1; \{6^4, 3^{10}, 2^2\})$	1573056
18	$\mathcal{O}(1; \{6^5, 3^2, 2^{11}\})$	12096
18	$\mathcal{O}(1; \{6^5, 3^5, 2^7\})$	98496
18	$\mathcal{O}(1; \{6^5, 3^8, 2^3\})$	786240
18	$\mathcal{O}(1; \{6^6, 2^{12}\})$	6336
18	$\mathcal{O}(1; \{6^6, 3^3, 2^8\})$	48960
18	$\mathcal{O}(1; \{6^6, 3^6, 2^4\})$	393408
18	$\mathcal{O}(1; \{6^6, 3^9\})$	3145536
18	$\mathcal{O}(1; \{6^7, 3, 2^9\})$	24768
18	$\mathcal{O}(1; \{6^7, 3^4, 2^5\})$	196416
18	$\mathcal{O}(1; \{6^7, 3^7, 2\})$	1573056
18	$\mathcal{O}(1; \{6^8, 3^2, 2^6\})$	98496

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{6^8, 3^5, 2^2\})$	786240
18	$\mathcal{O}(1; \{6^9, 2^7\})$	48960
18	$\mathcal{O}(1; \{6^9, 3^3, 2^3\})$	393408
18	$\mathcal{O}(1; \{6^{10}, 3, 2^4\})$	196416
18	$\mathcal{O}(1; \{6^{10}, 3^4\})$	1573056
18	$\mathcal{O}(1; \{6^{11}, 3^2, 2\})$	786240
18	$\mathcal{O}(1; \{6^{12}, 2^2\})$	393408
18	$\mathcal{O}(1; \{9^3, 3^2, 2^{14}\})$	23328
18	$\mathcal{O}(1; \{9^3, 3^5, 2^{10}\})$	186624
18	$\mathcal{O}(1; \{9^3, 3^8, 2^6\})$	1492992
18	$\mathcal{O}(1; \{9^3, 3^{11}, 2^2\})$	11943936
18	$\mathcal{O}(1; \{9^3, 6, 2^{15}\})$	11664
18	$\mathcal{O}(1; \{9^3, 6, 3^3, 2^{11}\})$	93312
18	$\mathcal{O}(1; \{9^3, 6, 3^6, 2^7\})$	746496
18	$\mathcal{O}(1; \{9^3, 6, 3^9, 2^3\})$	5971968
18	$\mathcal{O}(1; \{9^3, 6^2, 3, 2^{12}\})$	46656
18	$\mathcal{O}(1; \{9^3, 6^2, 3^4, 2^8\})$	373248
18	$\mathcal{O}(1; \{9^3, 6^2, 3^7, 2^4\})$	2985984
18	$\mathcal{O}(1; \{9^3, 6^2, 3^{10}\})$	23887872
18	$\mathcal{O}(1; \{9^3, 6^3, 3^2, 2^9\})$	186624
18	$\mathcal{O}(1; \{9^3, 6^3, 3^5, 2^5\})$	1492992
18	$\mathcal{O}(1; \{9^3, 6^3, 3^8, 2\})$	11943936
18	$\mathcal{O}(1; \{9^3, 6^4, 2^{10}\})$	93312
18	$\mathcal{O}(1; \{9^3, 6^4, 3^3, 2^6\})$	746496
18	$\mathcal{O}(1; \{9^3, 6^4, 3^6, 2^2\})$	5971968
18	$\mathcal{O}(1; \{9^3, 6^5, 3, 2^7\})$	373248
18	$\mathcal{O}(1; \{9^3, 6^5, 3^4, 2^3\})$	2985984
18	$\mathcal{O}(1; \{9^3, 6^6, 3^2, 2^4\})$	1492992
18	$\mathcal{O}(1; \{9^3, 6^6, 3^5\})$	11943936
18	$\mathcal{O}(1; \{9^3, 6^7, 2^5\})$	746496
18	$\mathcal{O}(1; \{9^3, 6^7, 3^3, 2\})$	5971968
18	$\mathcal{O}(1; \{9^3, 6^8, 3, 2^2\})$	2985984
18	$\mathcal{O}(1; \{9^3, 6^{10}\})$	5971968
18	$\mathcal{O}(1; \{9^6, 3, 2^{10}\})$	3464208
18	$\mathcal{O}(1; \{9^6, 3^4, 2^6\})$	27713664
18	$\mathcal{O}(1; \{9^6, 3^7, 2^2\})$	221709312
18	$\mathcal{O}(1; \{9^6, 6, 3^2, 2^7\})$	13856832
18	$\mathcal{O}(1; \{9^6, 6, 3^5, 2^3\})$	110854656
18	$\mathcal{O}(1; \{9^6, 6^2, 2^8\})$	6928416
18	$\mathcal{O}(1; \{9^6, 6^2, 3^3, 2^4\})$	55427328
18	$\mathcal{O}(1; \{9^6, 6^2, 3^6\})$	443418624
18	$\mathcal{O}(1; \{9^6, 6^3, 3, 2^5\})$	27713664
18	$\mathcal{O}(1; \{9^6, 6^3, 3^4, 2\})$	221709312

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{9^6, 6^4, 3^2, 2^2\})$	110854656
18	$\mathcal{O}(1; \{9^6, 6^5, 2^3\})$	55427328
18	$\mathcal{O}(1; \{9^6, 6^6, 3\})$	221709312
18	$\mathcal{O}(1; \{9^9, 2^6\})$	361379880
18	$\mathcal{O}(1; \{9^9, 3^3, 2^2\})$	2891039040
18	$\mathcal{O}(1; \{9^9, 6, 3, 2^3\})$	1445519520
18	$\mathcal{O}(1; \{9^9, 6^2, 3^2\})$	5782078080
18	$\mathcal{O}(1; \{9^9, 6^3, 2\})$	2891039040
18	$\mathcal{O}(1; \{18, 9, 3, 2^{17}\})$	3888
18	$\mathcal{O}(1; \{18, 9, 3^4, 2^{13}\})$	31104
18	$\mathcal{O}(1; \{18, 9, 3^7, 2^9\})$	248832
18	$\mathcal{O}(1; \{18, 9, 3^{10}, 2^5\})$	1990656
18	$\mathcal{O}(1; \{18, 9, 3^{13}, 2\})$	15925248
18	$\mathcal{O}(1; \{18, 9, 6, 3^2, 2^{14}\})$	15552
18	$\mathcal{O}(1; \{18, 9, 6, 3^5, 2^{10}\})$	124416
18	$\mathcal{O}(1; \{18, 9, 6, 3^8, 2^6\})$	995328
18	$\mathcal{O}(1; \{18, 9, 6, 3^{11}, 2^2\})$	7962624
18	$\mathcal{O}(1; \{18, 9, 6^2, 2^{15}\})$	7776
18	$\mathcal{O}(1; \{18, 9, 6^2, 3^3, 2^{11}\})$	62208
18	$\mathcal{O}(1; \{18, 9, 6^2, 3^6, 2^7\})$	497664
18	$\mathcal{O}(1; \{18, 9, 6^2, 3^9, 2^3\})$	3981312
18	$\mathcal{O}(1; \{18, 9, 6^3, 3, 2^{12}\})$	31104
18	$\mathcal{O}(1; \{18, 9, 6^3, 3^4, 2^8\})$	248832
18	$\mathcal{O}(1; \{18, 9, 6^3, 3^7, 2^4\})$	1990656
18	$\mathcal{O}(1; \{18, 9, 6^3, 3^{10}\})$	15925248
18	$\mathcal{O}(1; \{18, 9, 6^4, 3^2, 2^9\})$	124416
18	$\mathcal{O}(1; \{18, 9, 6^4, 3^5, 2^5\})$	995328
18	$\mathcal{O}(1; \{18, 9, 6^4, 3^8, 2\})$	7962624
18	$\mathcal{O}(1; \{18, 9, 6^5, 2^{10}\})$	62208
18	$\mathcal{O}(1; \{18, 9, 6^5, 3^3, 2^6\})$	497664
18	$\mathcal{O}(1; \{18, 9, 6^5, 3^6, 2^2\})$	3981312
18	$\mathcal{O}(1; \{18, 9, 6^6, 3, 2^7\})$	248832
18	$\mathcal{O}(1; \{18, 9, 6^6, 3^4, 2^3\})$	1990656
18	$\mathcal{O}(1; \{18, 9, 6^7, 3^2, 2^4\})$	995328
18	$\mathcal{O}(1; \{18, 9, 6^7, 3^5\})$	7962624
18	$\mathcal{O}(1; \{18, 9, 6^8, 2^5\})$	497664
18	$\mathcal{O}(1; \{18, 9, 6^8, 3^3, 2\})$	3981312
18	$\mathcal{O}(1; \{18, 9, 6^9, 3, 2^2\})$	1990656
18	$\mathcal{O}(1; \{18, 9, 6^{11}\})$	3981312
18	$\mathcal{O}(1; \{18, 9^4, 2^{13}\})$	262440
18	$\mathcal{O}(1; \{18, 9^4, 3^3, 2^9\})$	2099520
18	$\mathcal{O}(1; \{18, 9^4, 3^6, 2^5\})$	16796160
18	$\mathcal{O}(1; \{18, 9^4, 3^9, 2\})$	134369280

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18, 9^4, 6, 3, 2^{10}\})$	1049760
18	$\mathcal{O}(1; \{18, 9^4, 6, 3^4, 2^6\})$	8398080
18	$\mathcal{O}(1; \{18, 9^4, 6, 3^7, 2^2\})$	67184640
18	$\mathcal{O}(1; \{18, 9^4, 6^2, 3^2, 2^7\})$	4199040
18	$\mathcal{O}(1; \{18, 9^4, 6^2, 3^5, 2^3\})$	33592320
18	$\mathcal{O}(1; \{18, 9^4, 6^3, 2^8\})$	2099520
18	$\mathcal{O}(1; \{18, 9^4, 6^3, 3^3, 2^4\})$	16796160
18	$\mathcal{O}(1; \{18, 9^4, 6^3, 3^6\})$	134369280
18	$\mathcal{O}(1; \{18, 9^4, 6^4, 3, 2^5\})$	8398080
18	$\mathcal{O}(1; \{18, 9^4, 6^4, 3^4, 2\})$	67184640
18	$\mathcal{O}(1; \{18, 9^4, 6^5, 3^2, 2^2\})$	33592320
18	$\mathcal{O}(1; \{18, 9^4, 6^6, 2^3\})$	16796160
18	$\mathcal{O}(1; \{18, 9^4, 6^7, 3\})$	67184640
18	$\mathcal{O}(1; \{18, 9^7, 3^2, 2^5\})$	243754272
18	$\mathcal{O}(1; \{18, 9^7, 3^5, 2\})$	1950034176
18	$\mathcal{O}(1; \{18, 9^7, 6, 2^6\})$	121877136
18	$\mathcal{O}(1; \{18, 9^7, 6, 3^3, 2^2\})$	975017088
18	$\mathcal{O}(1; \{18, 9^7, 6^2, 3, 2^3\})$	487508544
18	$\mathcal{O}(1; \{18, 9^7, 6^3, 3^2\})$	1950034176
18	$\mathcal{O}(1; \{18, 9^7, 6^4, 2\})$	975017088
18	$\mathcal{O}(1; \{18, 9^{10}, 3, 2\})$	26095878864
18	$\mathcal{O}(1; \{18^2, 9^2, 3^2, 2^{12}\})$	209952
18	$\mathcal{O}(1; \{18^2, 9^2, 3^5, 2^8\})$	1679616
18	$\mathcal{O}(1; \{18^2, 9^2, 3^8, 2^4\})$	13436928
18	$\mathcal{O}(1; \{18^2, 9^2, 3^{11}\})$	107495424
18	$\mathcal{O}(1; \{18^2, 9^2, 6, 2^{13}\})$	104976
18	$\mathcal{O}(1; \{18^2, 9^2, 6, 3^3, 2^9\})$	839808
18	$\mathcal{O}(1; \{18^2, 9^2, 6, 3^6, 2^5\})$	6718464
18	$\mathcal{O}(1; \{18^2, 9^2, 6, 3^9, 2\})$	53747712
18	$\mathcal{O}(1; \{18^2, 9^2, 6^2, 3, 2^{10}\})$	419904
18	$\mathcal{O}(1; \{18^2, 9^2, 6^2, 3^4, 2^6\})$	3359232
18	$\mathcal{O}(1; \{18^2, 9^2, 6^2, 3^7, 2^2\})$	26873856
18	$\mathcal{O}(1; \{18^2, 9^2, 6^3, 3^2, 2^7\})$	1679616
18	$\mathcal{O}(1; \{18^2, 9^2, 6^3, 3^5, 2^3\})$	13436928
18	$\mathcal{O}(1; \{18^2, 9^2, 6^4, 2^8\})$	839808
18	$\mathcal{O}(1; \{18^2, 9^2, 6^4, 3^3, 2^4\})$	6718464
18	$\mathcal{O}(1; \{18^2, 9^2, 6^4, 3^6\})$	53747712
18	$\mathcal{O}(1; \{18^2, 9^2, 6^5, 3, 2^5\})$	3359232
18	$\mathcal{O}(1; \{18^2, 9^2, 6^5, 3^4, 2\})$	26873856
18	$\mathcal{O}(1; \{18^2, 9^2, 6^6, 3^2, 2^2\})$	13436928
18	$\mathcal{O}(1; \{18^2, 9^2, 6^7, 2^3\})$	6718464
18	$\mathcal{O}(1; \{18^2, 9^2, 6^8, 3\})$	26873856
18	$\mathcal{O}(1; \{18^2, 9^5, 3, 2^8\})$	19840464

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18^2, 9^5, 3^4, 2^4\})$	158723712
18	$\mathcal{O}(1; \{18^2, 9^5, 3^7\})$	1269789696
18	$\mathcal{O}(1; \{18^2, 9^5, 6, 3^2, 2^5\})$	79361856
18	$\mathcal{O}(1; \{18^2, 9^5, 6, 3^5, 2\})$	634894848
18	$\mathcal{O}(1; \{18^2, 9^5, 6^2, 2^6\})$	39680928
18	$\mathcal{O}(1; \{18^2, 9^5, 6^2, 3^3, 2^2\})$	317447424
18	$\mathcal{O}(1; \{18^2, 9^5, 6^3, 3, 2^3\})$	158723712
18	$\mathcal{O}(1; \{18^2, 9^5, 6^4, 3^2\})$	634894848
18	$\mathcal{O}(1; \{18^2, 9^5, 6^5, 2\})$	317447424
18	$\mathcal{O}(1; \{18^2, 9^8, 2^4\})$	2181033864
18	$\mathcal{O}(1; \{18^2, 9^8, 3^3\})$	17448270912
18	$\mathcal{O}(1; \{18^2, 9^8, 6, 3, 2\})$	8724135456
18	$\mathcal{O}(1; \{18^3, 3, 2^{15}\})$	11664
18	$\mathcal{O}(1; \{18^3, 3^4, 2^{11}\})$	93312
18	$\mathcal{O}(1; \{18^3, 3^7, 2^7\})$	746496
18	$\mathcal{O}(1; \{18^3, 3^{10}, 2^3\})$	5971968
18	$\mathcal{O}(1; \{18^3, 6, 3^2, 2^{12}\})$	46656
18	$\mathcal{O}(1; \{18^3, 6, 3^5, 2^8\})$	373248
18	$\mathcal{O}(1; \{18^3, 6, 3^8, 2^4\})$	2985984
18	$\mathcal{O}(1; \{18^3, 6, 3^{11}\})$	23887872
18	$\mathcal{O}(1; \{18^3, 6^2, 2^{13}\})$	23328
18	$\mathcal{O}(1; \{18^3, 6^2, 3^3, 2^9\})$	186624
18	$\mathcal{O}(1; \{18^3, 6^2, 3^6, 2^5\})$	1492992
18	$\mathcal{O}(1; \{18^3, 6^2, 3^9, 2\})$	11943936
18	$\mathcal{O}(1; \{18^3, 6^3, 3, 2^{10}\})$	93312
18	$\mathcal{O}(1; \{18^3, 6^3, 3^4, 2^6\})$	746496
18	$\mathcal{O}(1; \{18^3, 6^3, 3^7, 2^2\})$	5971968
18	$\mathcal{O}(1; \{18^3, 6^4, 3^2, 2^7\})$	373248
18	$\mathcal{O}(1; \{18^3, 6^4, 3^5, 2^3\})$	2985984
18	$\mathcal{O}(1; \{18^3, 6^5, 2^8\})$	186624
18	$\mathcal{O}(1; \{18^3, 6^5, 3^3, 2^4\})$	1492992
18	$\mathcal{O}(1; \{18^3, 6^5, 3^6\})$	11943936
18	$\mathcal{O}(1; \{18^3, 6^6, 3, 2^5\})$	746496
18	$\mathcal{O}(1; \{18^3, 6^6, 3^4, 2\})$	5971968
18	$\mathcal{O}(1; \{18^3, 6^7, 3^2, 2^2\})$	2985984
18	$\mathcal{O}(1; \{18^3, 6^8, 2^3\})$	1492992
18	$\mathcal{O}(1; \{18^3, 6^9, 3\})$	5971968
18	$\mathcal{O}(1; \{18^3, 9^3, 2^{11}\})$	1732104
18	$\mathcal{O}(1; \{18^3, 9^3, 3^3, 2^7\})$	13856832
18	$\mathcal{O}(1; \{18^3, 9^3, 3^6, 2^3\})$	110854656
18	$\mathcal{O}(1; \{18^3, 9^3, 6, 3, 2^8\})$	6928416
18	$\mathcal{O}(1; \{18^3, 9^3, 6, 3^4, 2^4\})$	55427328
18	$\mathcal{O}(1; \{18^3, 9^3, 6, 3^7\})$	443418624

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18^3, 9^3, 6^2, 3^2, 2^5\})$	27713664
18	$\mathcal{O}(1; \{18^3, 9^3, 6^2, 3^5, 2\})$	221709312
18	$\mathcal{O}(1; \{18^3, 9^3, 6^3, 2^6\})$	13856832
18	$\mathcal{O}(1; \{18^3, 9^3, 6^3, 3^3, 2^2\})$	110854656
18	$\mathcal{O}(1; \{18^3, 9^3, 6^4, 3, 2^3\})$	55427328
18	$\mathcal{O}(1; \{18^3, 9^3, 6^5, 3^2\})$	221709312
18	$\mathcal{O}(1; \{18^3, 9^3, 6^6, 2\})$	110854656
18	$\mathcal{O}(1; \{18^3, 9^6, 3^2, 2^3\})$	1445519520
18	$\mathcal{O}(1; \{18^3, 9^6, 6, 2^4\})$	722759760
18	$\mathcal{O}(1; \{18^3, 9^6, 6, 3^3\})$	5782078080
18	$\mathcal{O}(1; \{18^3, 9^6, 6^2, 3, 2\})$	2891039040
18	$\mathcal{O}(1; \{18^4, 9, 3^2, 2^{10}\})$	1049760
18	$\mathcal{O}(1; \{18^4, 9, 3^5, 2^6\})$	8398080
18	$\mathcal{O}(1; \{18^4, 9, 3^8, 2^2\})$	67184640
18	$\mathcal{O}(1; \{18^4, 9, 6, 2^{11}\})$	524880
18	$\mathcal{O}(1; \{18^4, 9, 6, 3^3, 2^7\})$	4199040
18	$\mathcal{O}(1; \{18^4, 9, 6, 3^6, 2^3\})$	33592320
18	$\mathcal{O}(1; \{18^4, 9, 6^2, 3, 2^8\})$	2099520
18	$\mathcal{O}(1; \{18^4, 9, 6^2, 3^4, 2^4\})$	16796160
18	$\mathcal{O}(1; \{18^4, 9, 6^2, 3^7\})$	134369280
18	$\mathcal{O}(1; \{18^4, 9, 6^3, 3^2, 2^5\})$	8398080
18	$\mathcal{O}(1; \{18^4, 9, 6^3, 3^5, 2\})$	67184640
18	$\mathcal{O}(1; \{18^4, 9, 6^4, 2^6\})$	4199040
18	$\mathcal{O}(1; \{18^4, 9, 6^4, 3^3, 2^2\})$	33592320
18	$\mathcal{O}(1; \{18^4, 9, 6^5, 3, 2^3\})$	16796160
18	$\mathcal{O}(1; \{18^4, 9, 6^6, 3^2\})$	67184640
18	$\mathcal{O}(1; \{18^4, 9, 6^7, 2\})$	33592320
18	$\mathcal{O}(1; \{18^4, 9^4, 3, 2^6\})$	121877136
18	$\mathcal{O}(1; \{18^4, 9^4, 3^4, 2^2\})$	975017088
18	$\mathcal{O}(1; \{18^4, 9^4, 6, 3^2, 2^3\})$	487508544
18	$\mathcal{O}(1; \{18^4, 9^4, 6^2, 2^4\})$	243754272
18	$\mathcal{O}(1; \{18^4, 9^4, 6^2, 3^3\})$	1950034176
18	$\mathcal{O}(1; \{18^4, 9^4, 6^3, 3, 2\})$	975017088
18	$\mathcal{O}(1; \{18^4, 9^7, 2^2\})$	13047939432
18	$\mathcal{O}(1; \{18^5, 9^2, 2^9\})$	9920232
18	$\mathcal{O}(1; \{18^5, 9^2, 3^3, 2^5\})$	79361856
18	$\mathcal{O}(1; \{18^5, 9^2, 3^6, 2\})$	634894848
18	$\mathcal{O}(1; \{18^5, 9^2, 6, 3, 2^6\})$	39680928
18	$\mathcal{O}(1; \{18^5, 9^2, 6, 3^4, 2^2\})$	317447424
18	$\mathcal{O}(1; \{18^5, 9^2, 6^2, 3^2, 2^3\})$	158723712
18	$\mathcal{O}(1; \{18^5, 9^2, 6^3, 2^4\})$	79361856
18	$\mathcal{O}(1; \{18^5, 9^2, 6^3, 3^3\})$	634894848
18	$\mathcal{O}(1; \{18^5, 9^2, 6^4, 3, 2\})$	317447424

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18^5, 9^5, 3^2, 2\})$	8724135456
18	$\mathcal{O}(1; \{18^5, 9^5, 6, 2^2\})$	4362067728
18	$\mathcal{O}(1; \{18^6, 3^2, 2^8\})$	6928416
18	$\mathcal{O}(1; \{18^6, 3^5, 2^4\})$	55427328
18	$\mathcal{O}(1; \{18^6, 3^8\})$	443418624
18	$\mathcal{O}(1; \{18^6, 6, 2^9\})$	3464208
18	$\mathcal{O}(1; \{18^6, 6, 3^3, 2^5\})$	27713664
18	$\mathcal{O}(1; \{18^6, 6, 3^6, 2\})$	221709312
18	$\mathcal{O}(1; \{18^6, 6^2, 3, 2^6\})$	13856832
18	$\mathcal{O}(1; \{18^6, 6^2, 3^4, 2^2\})$	110854656
18	$\mathcal{O}(1; \{18^6, 6^3, 3^2, 2^3\})$	55427328
18	$\mathcal{O}(1; \{18^6, 6^4, 2^4\})$	27713664
18	$\mathcal{O}(1; \{18^6, 6^4, 3^3\})$	221709312
18	$\mathcal{O}(1; \{18^6, 6^5, 3, 2\})$	110854656
18	$\mathcal{O}(1; \{18^6, 9^3, 3, 2^4\})$	722759760
18	$\mathcal{O}(1; \{18^6, 9^3, 3^4\})$	5782078080
18	$\mathcal{O}(1; \{18^6, 9^3, 6, 3^2, 2\})$	2891039040
18	$\mathcal{O}(1; \{18^6, 9^3, 6^2, 2^2\})$	1445519520
18	$\mathcal{O}(1; \{18^6, 9^6\})$	78402427848
18	$\mathcal{O}(1; \{18^7, 9, 2^7\})$	60938568
18	$\mathcal{O}(1; \{18^7, 9, 3^3, 2^3\})$	487508544
18	$\mathcal{O}(1; \{18^7, 9, 6, 3, 2^4\})$	243754272
18	$\mathcal{O}(1; \{18^7, 9, 6, 3^4\})$	1950034176
18	$\mathcal{O}(1; \{18^7, 9, 6^2, 3^2, 2\})$	975017088
18	$\mathcal{O}(1; \{18^7, 9, 6^3, 2^2\})$	487508544
18	$\mathcal{O}(1; \{18^7, 9^4, 6\})$	26095878864
18	$\mathcal{O}(1; \{18^8, 9^2, 3, 2^2\})$	4362067728
18	$\mathcal{O}(1; \{18^8, 9^2, 6^2\})$	8724135456
18	$\mathcal{O}(1; \{18^9, 2^5\})$	361379880
18	$\mathcal{O}(1; \{18^9, 3^3, 2\})$	2891039040
18	$\mathcal{O}(1; \{18^9, 6, 3, 2^2\})$	1445519520
18	$\mathcal{O}(1; \{18^9, 6^3\})$	2891039040
18	$\mathcal{O}(1; \{18^{10}, 9, 3\})$	26095878864
18	$\mathcal{O}(0; \{9^3, 3^2, 2^{18}\})$	72
18	$\mathcal{O}(0; \{9^3, 3^5, 2^{14}\})$	576
18	$\mathcal{O}(0; \{9^3, 3^8, 2^{10}\})$	4608
18	$\mathcal{O}(0; \{9^3, 3^{11}, 2^6\})$	36864
18	$\mathcal{O}(0; \{9^3, 3^{14}, 2^2\})$	294912
18	$\mathcal{O}(0; \{9^3, 6, 2^{19}\})$	36
18	$\mathcal{O}(0; \{9^3, 6, 3^3, 2^{15}\})$	288
18	$\mathcal{O}(0; \{9^3, 6, 3^6, 2^{11}\})$	2304
18	$\mathcal{O}(0; \{9^3, 6, 3^9, 2^7\})$	18432
18	$\mathcal{O}(0; \{9^3, 6, 3^{12}, 2^3\})$	147456

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{9^3, 6^2, 3, 2^{16}\})$	144
18	$\mathcal{O}(0; \{9^3, 6^2, 3^4, 2^{12}\})$	1152
18	$\mathcal{O}(0; \{9^3, 6^2, 3^7, 2^8\})$	9216
18	$\mathcal{O}(0; \{9^3, 6^2, 3^{10}, 2^4\})$	73728
18	$\mathcal{O}(0; \{9^3, 6^2, 3^{13}\})$	589824
18	$\mathcal{O}(0; \{9^3, 6^3, 3^2, 2^{13}\})$	576
18	$\mathcal{O}(0; \{9^3, 6^3, 3^5, 2^9\})$	4608
18	$\mathcal{O}(0; \{9^3, 6^3, 3^8, 2^5\})$	36864
18	$\mathcal{O}(0; \{9^3, 6^3, 3^{11}, 2\})$	294912
18	$\mathcal{O}(0; \{9^3, 6^4, 2^{14}\})$	288
18	$\mathcal{O}(0; \{9^3, 6^4, 3^3, 2^{10}\})$	2304
18	$\mathcal{O}(0; \{9^3, 6^4, 3^6, 2^6\})$	18432
18	$\mathcal{O}(0; \{9^3, 6^4, 3^9, 2^2\})$	147456
18	$\mathcal{O}(0; \{9^3, 6^5, 3, 2^{11}\})$	1152
18	$\mathcal{O}(0; \{9^3, 6^5, 3^4, 2^7\})$	9216
18	$\mathcal{O}(0; \{9^3, 6^5, 3^7, 2^3\})$	73728
18	$\mathcal{O}(0; \{9^3, 6^6, 3^2, 2^8\})$	4608
18	$\mathcal{O}(0; \{9^3, 6^6, 3^5, 2^4\})$	36864
18	$\mathcal{O}(0; \{9^3, 6^6, 3^8\})$	294912
18	$\mathcal{O}(0; \{9^3, 6^7, 2^9\})$	2304
18	$\mathcal{O}(0; \{9^3, 6^7, 3^3, 2^5\})$	18432
18	$\mathcal{O}(0; \{9^3, 6^7, 3^6, 2\})$	147456
18	$\mathcal{O}(0; \{9^3, 6^8, 3, 2^6\})$	9216
18	$\mathcal{O}(0; \{9^3, 6^8, 3^4, 2^2\})$	73728
18	$\mathcal{O}(0; \{9^3, 6^9, 3^2, 2^3\})$	36864
18	$\mathcal{O}(0; \{9^3, 6^{10}, 2^4\})$	18432
18	$\mathcal{O}(0; \{9^3, 6^{10}, 3^3\})$	147456
18	$\mathcal{O}(0; \{9^3, 6^{11}, 3, 2\})$	73728
18	$\mathcal{O}(0; \{9^6, 3, 2^{14}\})$	10692
18	$\mathcal{O}(0; \{9^6, 3^4, 2^{10}\})$	85536
18	$\mathcal{O}(0; \{9^6, 3^7, 2^6\})$	684288
18	$\mathcal{O}(0; \{9^6, 3^{10}, 2^2\})$	5474304
18	$\mathcal{O}(0; \{9^6, 6, 3^2, 2^{11}\})$	42768
18	$\mathcal{O}(0; \{9^6, 6, 3^5, 2^7\})$	342144
18	$\mathcal{O}(0; \{9^6, 6, 3^8, 2^3\})$	2737152
18	$\mathcal{O}(0; \{9^6, 6^2, 2^{12}\})$	21384
18	$\mathcal{O}(0; \{9^6, 6^2, 3^3, 2^8\})$	171072
18	$\mathcal{O}(0; \{9^6, 6^2, 3^6, 2^4\})$	1368576
18	$\mathcal{O}(0; \{9^6, 6^2, 3^9\})$	10948608
18	$\mathcal{O}(0; \{9^6, 6^3, 3, 2^9\})$	85536
18	$\mathcal{O}(0; \{9^6, 6^3, 3^4, 2^5\})$	684288
18	$\mathcal{O}(0; \{9^6, 6^3, 3^7, 2\})$	5474304
18	$\mathcal{O}(0; \{9^6, 6^4, 3^2, 2^6\})$	342144

Continued on next page

Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{9^6, 6^4, 3^5, 2^2\})$	2737152
18	$\mathcal{O}(0; \{9^6, 6^5, 2^7\})$	171072
18	$\mathcal{O}(0; \{9^6, 6^5, 3^3, 2^3\})$	1368576
18	$\mathcal{O}(0; \{9^6, 6^6, 3, 2^4\})$	684288
18	$\mathcal{O}(0; \{9^6, 6^6, 3^4\})$	5474304
18	$\mathcal{O}(0; \{9^6, 6^7, 3^2, 2\})$	2737152
18	$\mathcal{O}(0; \{9^6, 6^8, 2^2\})$	1368576
18	$\mathcal{O}(0; \{9^9, 2^{10}\})$	1115370
18	$\mathcal{O}(0; \{9^9, 3^3, 2^6\})$	8922960
18	$\mathcal{O}(0; \{9^9, 3^6, 2^2\})$	71383680
18	$\mathcal{O}(0; \{9^9, 6, 3, 2^7\})$	4461480
18	$\mathcal{O}(0; \{9^9, 6, 3^4, 2^3\})$	35691840
18	$\mathcal{O}(0; \{9^9, 6^2, 3^2, 2^4\})$	17845920
18	$\mathcal{O}(0; \{9^9, 6^2, 3^5\})$	142767360
18	$\mathcal{O}(0; \{9^9, 6^3, 2^5\})$	8922960
18	$\mathcal{O}(0; \{9^9, 6^3, 3^3, 2\})$	71383680
18	$\mathcal{O}(0; \{9^9, 6^4, 3, 2^2\})$	35691840
18	$\mathcal{O}(0; \{9^9, 6^6\})$	71383680
18	$\mathcal{O}(0; \{9^{12}, 3^2, 2^2\})$	967931208
18	$\mathcal{O}(0; \{9^{12}, 6, 2^3\})$	483965604
18	$\mathcal{O}(0; \{9^{12}, 6^2, 3\})$	1935862416
18	$\mathcal{O}(0; \{18, 9, 3, 2^{21}\})$	12
18	$\mathcal{O}(0; \{18, 9, 3^4, 2^{17}\})$	96
18	$\mathcal{O}(0; \{18, 9, 3^7, 2^{13}\})$	768
18	$\mathcal{O}(0; \{18, 9, 3^{10}, 2^9\})$	6144
18	$\mathcal{O}(0; \{18, 9, 3^{13}, 2^5\})$	49152
18	$\mathcal{O}(0; \{18, 9, 3^{16}, 2\})$	393216
18	$\mathcal{O}(0; \{18, 9, 6, 3^2, 2^{18}\})$	48
18	$\mathcal{O}(0; \{18, 9, 6, 3^5, 2^{14}\})$	384
18	$\mathcal{O}(0; \{18, 9, 6, 3^8, 2^{10}\})$	3072
18	$\mathcal{O}(0; \{18, 9, 6, 3^{11}, 2^6\})$	24576
18	$\mathcal{O}(0; \{18, 9, 6, 3^{14}, 2^2\})$	196608
18	$\mathcal{O}(0; \{18, 9, 6^2, 2^{19}\})$	24
18	$\mathcal{O}(0; \{18, 9, 6^2, 3^3, 2^{15}\})$	192
18	$\mathcal{O}(0; \{18, 9, 6^2, 3^6, 2^{11}\})$	1536
18	$\mathcal{O}(0; \{18, 9, 6^2, 3^9, 2^7\})$	12288
18	$\mathcal{O}(0; \{18, 9, 6^2, 3^{12}, 2^3\})$	98304
18	$\mathcal{O}(0; \{18, 9, 6^3, 3, 2^{16}\})$	96
18	$\mathcal{O}(0; \{18, 9, 6^3, 3^4, 2^{12}\})$	768
18	$\mathcal{O}(0; \{18, 9, 6^3, 3^7, 2^8\})$	6144
18	$\mathcal{O}(0; \{18, 9, 6^3, 3^{10}, 2^4\})$	49152
18	$\mathcal{O}(0; \{18, 9, 6^3, 3^{13}\})$	393216
18	$\mathcal{O}(0; \{18, 9, 6^4, 3^2, 2^{13}\})$	384

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18, 9, 6^4, 3^5, 2^9\})$	3072
18	$\mathcal{O}(0; \{18, 9, 6^4, 3^8, 2^5\})$	24576
18	$\mathcal{O}(0; \{18, 9, 6^4, 3^{11}, 2\})$	196608
18	$\mathcal{O}(0; \{18, 9, 6^5, 2^{14}\})$	192
18	$\mathcal{O}(0; \{18, 9, 6^5, 3^3, 2^{10}\})$	1536
18	$\mathcal{O}(0; \{18, 9, 6^5, 3^6, 2^6\})$	12288
18	$\mathcal{O}(0; \{18, 9, 6^5, 3^9, 2^2\})$	98304
18	$\mathcal{O}(0; \{18, 9, 6^6, 3, 2^{11}\})$	768
18	$\mathcal{O}(0; \{18, 9, 6^6, 3^4, 2^7\})$	6144
18	$\mathcal{O}(0; \{18, 9, 6^6, 3^7, 2^3\})$	49152
18	$\mathcal{O}(0; \{18, 9, 6^7, 3^2, 2^8\})$	3072
18	$\mathcal{O}(0; \{18, 9, 6^7, 3^5, 2^4\})$	24576
18	$\mathcal{O}(0; \{18, 9, 6^7, 3^8\})$	196608
18	$\mathcal{O}(0; \{18, 9, 6^8, 2^9\})$	1536
18	$\mathcal{O}(0; \{18, 9, 6^8, 3^3, 2^5\})$	12288
18	$\mathcal{O}(0; \{18, 9, 6^8, 3^6, 2\})$	98304
18	$\mathcal{O}(0; \{18, 9, 6^9, 3, 2^6\})$	6144
18	$\mathcal{O}(0; \{18, 9, 6^9, 3^4, 2^2\})$	49152
18	$\mathcal{O}(0; \{18, 9, 6^{10}, 3^2, 2^3\})$	24576
18	$\mathcal{O}(0; \{18, 9, 6^{11}, 2^4\})$	12288
18	$\mathcal{O}(0; \{18, 9, 6^{11}, 3^3\})$	98304
18	$\mathcal{O}(0; \{18, 9, 6^{12}, 3, 2\})$	49152
18	$\mathcal{O}(0; \{18, 9^4, 2^{17}\})$	810
18	$\mathcal{O}(0; \{18, 9^4, 3^3, 2^{13}\})$	6480
18	$\mathcal{O}(0; \{18, 9^4, 3^6, 2^9\})$	51840
18	$\mathcal{O}(0; \{18, 9^4, 3^9, 2^5\})$	414720
18	$\mathcal{O}(0; \{18, 9^4, 3^{12}, 2\})$	3317760
18	$\mathcal{O}(0; \{18, 9^4, 6, 3, 2^{14}\})$	3240
18	$\mathcal{O}(0; \{18, 9^4, 6, 3^4, 2^{10}\})$	25920
18	$\mathcal{O}(0; \{18, 9^4, 6, 3^7, 2^6\})$	207360
18	$\mathcal{O}(0; \{18, 9^4, 6, 3^{10}, 2^2\})$	1658880
18	$\mathcal{O}(0; \{18, 9^4, 6^2, 3^2, 2^{11}\})$	12960
18	$\mathcal{O}(0; \{18, 9^4, 6^2, 3^5, 2^7\})$	103680
18	$\mathcal{O}(0; \{18, 9^4, 6^2, 3^8, 2^3\})$	829440
18	$\mathcal{O}(0; \{18, 9^4, 6^3, 2^{12}\})$	6480
18	$\mathcal{O}(0; \{18, 9^4, 6^3, 3^3, 2^8\})$	51840
18	$\mathcal{O}(0; \{18, 9^4, 6^3, 3^6, 2^4\})$	414720
18	$\mathcal{O}(0; \{18, 9^4, 6^3, 3^9\})$	3317760
18	$\mathcal{O}(0; \{18, 9^4, 6^4, 3, 2^9\})$	25920
18	$\mathcal{O}(0; \{18, 9^4, 6^4, 3^4, 2^5\})$	207360
18	$\mathcal{O}(0; \{18, 9^4, 6^4, 3^7, 2\})$	1658880
18	$\mathcal{O}(0; \{18, 9^4, 6^5, 3^2, 2^6\})$	103680
18	$\mathcal{O}(0; \{18, 9^4, 6^5, 3^5, 2^2\})$	829440

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18, 9^4, 6^6, 2^7\})$	51840
18	$\mathcal{O}(0; \{18, 9^4, 6^6, 3^3, 2^3\})$	414720
18	$\mathcal{O}(0; \{18, 9^4, 6^7, 3, 2^4\})$	207360
18	$\mathcal{O}(0; \{18, 9^4, 6^7, 3^4\})$	1658880
18	$\mathcal{O}(0; \{18, 9^4, 6^8, 3^2, 2\})$	829440
18	$\mathcal{O}(0; \{18, 9^4, 6^9, 2^2\})$	414720
18	$\mathcal{O}(0; \{18, 9^7, 3^2, 2^9\})$	752328
18	$\mathcal{O}(0; \{18, 9^7, 3^5, 2^5\})$	6018624
18	$\mathcal{O}(0; \{18, 9^7, 3^8, 2\})$	48148992
18	$\mathcal{O}(0; \{18, 9^7, 6, 2^{10}\})$	376164
18	$\mathcal{O}(0; \{18, 9^7, 6, 3^3, 2^6\})$	3009312
18	$\mathcal{O}(0; \{18, 9^7, 6, 3^6, 2^2\})$	24074496
18	$\mathcal{O}(0; \{18, 9^7, 6^2, 3, 2^7\})$	1504656
18	$\mathcal{O}(0; \{18, 9^7, 6^2, 3^4, 2^3\})$	12037248
18	$\mathcal{O}(0; \{18, 9^7, 6^3, 3^2, 2^4\})$	6018624
18	$\mathcal{O}(0; \{18, 9^7, 6^3, 3^5\})$	48148992
18	$\mathcal{O}(0; \{18, 9^7, 6^4, 2^5\})$	3009312
18	$\mathcal{O}(0; \{18, 9^7, 6^4, 3^3, 2\})$	24074496
18	$\mathcal{O}(0; \{18, 9^7, 6^5, 3, 2^2\})$	12037248
18	$\mathcal{O}(0; \{18, 9^7, 6^7\})$	24074496
18	$\mathcal{O}(0; \{18, 9^{10}, 3, 2^5\})$	80542836
18	$\mathcal{O}(0; \{18, 9^{10}, 3^4, 2\})$	644342688
18	$\mathcal{O}(0; \{18, 9^{10}, 6, 3^2, 2^2\})$	322171344
18	$\mathcal{O}(0; \{18, 9^{10}, 6^2, 2^3\})$	161085672
18	$\mathcal{O}(0; \{18, 9^{10}, 6^3, 3\})$	644342688
18	$\mathcal{O}(0; \{18, 9^{13}, 2\})$	8708192226
18	$\mathcal{O}(0; \{18^2, 9^2, 3^2, 2^{16}\})$	648
18	$\mathcal{O}(0; \{18^2, 9^2, 3^5, 2^{12}\})$	5184
18	$\mathcal{O}(0; \{18^2, 9^2, 3^8, 2^8\})$	41472
18	$\mathcal{O}(0; \{18^2, 9^2, 3^{11}, 2^4\})$	331776
18	$\mathcal{O}(0; \{18^2, 9^2, 3^{14}\})$	2654208
18	$\mathcal{O}(0; \{18^2, 9^2, 6, 2^{17}\})$	324
18	$\mathcal{O}(0; \{18^2, 9^2, 6, 3^3, 2^{13}\})$	2592
18	$\mathcal{O}(0; \{18^2, 9^2, 6, 3^6, 2^9\})$	20736
18	$\mathcal{O}(0; \{18^2, 9^2, 6, 3^9, 2^5\})$	165888
18	$\mathcal{O}(0; \{18^2, 9^2, 6, 3^{12}, 2\})$	1327104
18	$\mathcal{O}(0; \{18^2, 9^2, 6^2, 3, 2^{14}\})$	1296
18	$\mathcal{O}(0; \{18^2, 9^2, 6^2, 3^4, 2^{10}\})$	10368
18	$\mathcal{O}(0; \{18^2, 9^2, 6^2, 3^7, 2^6\})$	82944
18	$\mathcal{O}(0; \{18^2, 9^2, 6^2, 3^{10}, 2^2\})$	663552
18	$\mathcal{O}(0; \{18^2, 9^2, 6^3, 3^2, 2^{11}\})$	5184
18	$\mathcal{O}(0; \{18^2, 9^2, 6^3, 3^5, 2^7\})$	41472
18	$\mathcal{O}(0; \{18^2, 9^2, 6^3, 3^8, 2^3\})$	331776

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^2, 9^2, 6^4, 2^{12}\})$	2592
18	$\mathcal{O}(0; \{18^2, 9^2, 6^4, 3^3, 2^8\})$	20736
18	$\mathcal{O}(0; \{18^2, 9^2, 6^4, 3^6, 2^4\})$	165888
18	$\mathcal{O}(0; \{18^2, 9^2, 6^4, 3^9\})$	1327104
18	$\mathcal{O}(0; \{18^2, 9^2, 6^5, 3, 2^9\})$	10368
18	$\mathcal{O}(0; \{18^2, 9^2, 6^5, 3^4, 2^5\})$	82944
18	$\mathcal{O}(0; \{18^2, 9^2, 6^5, 3^7, 2\})$	663552
18	$\mathcal{O}(0; \{18^2, 9^2, 6^6, 3^2, 2^6\})$	41472
18	$\mathcal{O}(0; \{18^2, 9^2, 6^6, 3^5, 2^2\})$	331776
18	$\mathcal{O}(0; \{18^2, 9^2, 6^7, 2^7\})$	20736
18	$\mathcal{O}(0; \{18^2, 9^2, 6^7, 3^3, 2^3\})$	165888
18	$\mathcal{O}(0; \{18^2, 9^2, 6^8, 3, 2^4\})$	82944
18	$\mathcal{O}(0; \{18^2, 9^2, 6^8, 3^4\})$	663552
18	$\mathcal{O}(0; \{18^2, 9^2, 6^9, 3^2, 2\})$	331776
18	$\mathcal{O}(0; \{18^2, 9^2, 6^{10}, 2^2\})$	165888
18	$\mathcal{O}(0; \{18^2, 9^5, 3, 2^{12}\})$	61236
18	$\mathcal{O}(0; \{18^2, 9^5, 3^4, 2^8\})$	489888
18	$\mathcal{O}(0; \{18^2, 9^5, 3^7, 2^4\})$	3919104
18	$\mathcal{O}(0; \{18^2, 9^5, 3^{10}\})$	31352832
18	$\mathcal{O}(0; \{18^2, 9^5, 6, 3^2, 2^9\})$	244944
18	$\mathcal{O}(0; \{18^2, 9^5, 6, 3^5, 2^5\})$	1959552
18	$\mathcal{O}(0; \{18^2, 9^5, 6, 3^8, 2\})$	15676416
18	$\mathcal{O}(0; \{18^2, 9^5, 6^2, 2^{10}\})$	122472
18	$\mathcal{O}(0; \{18^2, 9^5, 6^2, 3^3, 2^6\})$	979776
18	$\mathcal{O}(0; \{18^2, 9^5, 6^2, 3^6, 2^2\})$	7838208
18	$\mathcal{O}(0; \{18^2, 9^5, 6^3, 3, 2^7\})$	489888
18	$\mathcal{O}(0; \{18^2, 9^5, 6^3, 3^4, 2^3\})$	3919104
18	$\mathcal{O}(0; \{18^2, 9^5, 6^4, 3^2, 2^4\})$	1959552
18	$\mathcal{O}(0; \{18^2, 9^5, 6^4, 3^5\})$	15676416
18	$\mathcal{O}(0; \{18^2, 9^5, 6^5, 2^5\})$	979776
18	$\mathcal{O}(0; \{18^2, 9^5, 6^5, 3^3, 2\})$	7838208
18	$\mathcal{O}(0; \{18^2, 9^5, 6^6, 3, 2^2\})$	3919104
18	$\mathcal{O}(0; \{18^2, 9^5, 6^8\})$	7838208
18	$\mathcal{O}(0; \{18^2, 9^8, 2^8\})$	6731586
18	$\mathcal{O}(0; \{18^2, 9^8, 3^3, 2^4\})$	53852688
18	$\mathcal{O}(0; \{18^2, 9^8, 3^6\})$	430821504
18	$\mathcal{O}(0; \{18^2, 9^8, 6, 3, 2^5\})$	26926344
18	$\mathcal{O}(0; \{18^2, 9^8, 6, 3^4, 2\})$	215410752
18	$\mathcal{O}(0; \{18^2, 9^8, 6^2, 3^2, 2^2\})$	107705376
18	$\mathcal{O}(0; \{18^2, 9^8, 6^3, 2^3\})$	53852688
18	$\mathcal{O}(0; \{18^2, 9^8, 6^4, 3\})$	215410752
18	$\mathcal{O}(0; \{18^2, 9^{11}, 3^2\})$	5803335720
18	$\mathcal{O}(0; \{18^2, 9^{11}, 6, 2\})$	2901667860

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_{\mathcal{O}}(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^3, 3, 2^{19}\})$	36
18	$\mathcal{O}(0; \{18^3, 3^4, 2^{15}\})$	288
18	$\mathcal{O}(0; \{18^3, 3^7, 2^{11}\})$	2304
18	$\mathcal{O}(0; \{18^3, 3^{10}, 2^7\})$	18432
18	$\mathcal{O}(0; \{18^3, 3^{13}, 2^3\})$	147456
18	$\mathcal{O}(0; \{18^3, 6, 3^2, 2^{16}\})$	144
18	$\mathcal{O}(0; \{18^3, 6, 3^5, 2^{12}\})$	1152
18	$\mathcal{O}(0; \{18^3, 6, 3^8, 2^8\})$	9216
18	$\mathcal{O}(0; \{18^3, 6, 3^{11}, 2^4\})$	73728
18	$\mathcal{O}(0; \{18^3, 6, 3^{14}\})$	589824
18	$\mathcal{O}(0; \{18^3, 6^2, 2^{17}\})$	72
18	$\mathcal{O}(0; \{18^3, 6^2, 3^3, 2^{13}\})$	576
18	$\mathcal{O}(0; \{18^3, 6^2, 3^6, 2^9\})$	4608
18	$\mathcal{O}(0; \{18^3, 6^2, 3^9, 2^5\})$	36864
18	$\mathcal{O}(0; \{18^3, 6^2, 3^{12}, 2\})$	294912
18	$\mathcal{O}(0; \{18^3, 6^3, 3, 2^{14}\})$	288
18	$\mathcal{O}(0; \{18^3, 6^3, 3^4, 2^{10}\})$	2304
18	$\mathcal{O}(0; \{18^3, 6^3, 3^7, 2^6\})$	18432
18	$\mathcal{O}(0; \{18^3, 6^3, 3^{10}, 2^2\})$	147456
18	$\mathcal{O}(0; \{18^3, 6^4, 3^2, 2^{11}\})$	1152
18	$\mathcal{O}(0; \{18^3, 6^4, 3^5, 2^7\})$	9216
18	$\mathcal{O}(0; \{18^3, 6^4, 3^8, 2^3\})$	73728
18	$\mathcal{O}(0; \{18^3, 6^5, 2^{12}\})$	576
18	$\mathcal{O}(0; \{18^3, 6^5, 3^3, 2^8\})$	4608
18	$\mathcal{O}(0; \{18^3, 6^5, 3^6, 2^4\})$	36864
18	$\mathcal{O}(0; \{18^3, 6^5, 3^9\})$	294912
18	$\mathcal{O}(0; \{18^3, 6^6, 3, 2^9\})$	2304
18	$\mathcal{O}(0; \{18^3, 6^6, 3^4, 2^5\})$	18432
18	$\mathcal{O}(0; \{18^3, 6^6, 3^7, 2\})$	147456
18	$\mathcal{O}(0; \{18^3, 6^7, 3^2, 2^6\})$	9216
18	$\mathcal{O}(0; \{18^3, 6^7, 3^5, 2^2\})$	73728
18	$\mathcal{O}(0; \{18^3, 6^8, 2^7\})$	4608
18	$\mathcal{O}(0; \{18^3, 6^8, 3^3, 2^3\})$	36864
18	$\mathcal{O}(0; \{18^3, 6^9, 3, 2^4\})$	18432
18	$\mathcal{O}(0; \{18^3, 6^9, 3^4\})$	147456
18	$\mathcal{O}(0; \{18^3, 6^{10}, 3^2, 2\})$	73728
18	$\mathcal{O}(0; \{18^3, 6^{11}, 2^2\})$	36864
18	$\mathcal{O}(0; \{18^3, 9^3, 2^{15}\})$	5346
18	$\mathcal{O}(0; \{18^3, 9^3, 3^3, 2^{11}\})$	42768
18	$\mathcal{O}(0; \{18^3, 9^3, 3^6, 2^7\})$	342144
18	$\mathcal{O}(0; \{18^3, 9^3, 3^9, 2^3\})$	2737152
18	$\mathcal{O}(0; \{18^3, 9^3, 6, 3, 2^{12}\})$	21384
18	$\mathcal{O}(0; \{18^3, 9^3, 6, 3^4, 2^8\})$	171072

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^3, 9^3, 6, 3^7, 2^4\})$	1368576
18	$\mathcal{O}(0; \{18^3, 9^3, 6, 3^{10}\})$	10948608
18	$\mathcal{O}(0; \{18^3, 9^3, 6^2, 3^2, 2^9\})$	85536
18	$\mathcal{O}(0; \{18^3, 9^3, 6^2, 3^5, 2^5\})$	684288
18	$\mathcal{O}(0; \{18^3, 9^3, 6^2, 3^8, 2\})$	5474304
18	$\mathcal{O}(0; \{18^3, 9^3, 6^3, 2^{10}\})$	42768
18	$\mathcal{O}(0; \{18^3, 9^3, 6^3, 3^3, 2^6\})$	342144
18	$\mathcal{O}(0; \{18^3, 9^3, 6^3, 3^6, 2^2\})$	2737152
18	$\mathcal{O}(0; \{18^3, 9^3, 6^4, 3, 2^7\})$	171072
18	$\mathcal{O}(0; \{18^3, 9^3, 6^4, 3^4, 2^3\})$	1368576
18	$\mathcal{O}(0; \{18^3, 9^3, 6^5, 3^2, 2^4\})$	684288
18	$\mathcal{O}(0; \{18^3, 9^3, 6^5, 3^5\})$	5474304
18	$\mathcal{O}(0; \{18^3, 9^3, 6^6, 2^5\})$	342144
18	$\mathcal{O}(0; \{18^3, 9^3, 6^6, 3^3, 2\})$	2737152
18	$\mathcal{O}(0; \{18^3, 9^3, 6^7, 3, 2^2\})$	1368576
18	$\mathcal{O}(0; \{18^3, 9^3, 6^9\})$	2737152
18	$\mathcal{O}(0; \{18^3, 9^6, 3^2, 2^7\})$	4461480
18	$\mathcal{O}(0; \{18^3, 9^6, 3^5, 2^3\})$	35691840
18	$\mathcal{O}(0; \{18^3, 9^6, 6, 2^8\})$	2230740
18	$\mathcal{O}(0; \{18^3, 9^6, 6, 3^3, 2^4\})$	17845920
18	$\mathcal{O}(0; \{18^3, 9^6, 6, 3^6\})$	142767360
18	$\mathcal{O}(0; \{18^3, 9^6, 6^2, 3, 2^5\})$	8922960
18	$\mathcal{O}(0; \{18^3, 9^6, 6^2, 3^4, 2\})$	71383680
18	$\mathcal{O}(0; \{18^3, 9^6, 6^3, 3^2, 2^2\})$	35691840
18	$\mathcal{O}(0; \{18^3, 9^6, 6^4, 2^3\})$	17845920
18	$\mathcal{O}(0; \{18^3, 9^6, 6^5, 3\})$	71383680
18	$\mathcal{O}(0; \{18^3, 9^9, 3, 2^3\})$	483965604
18	$\mathcal{O}(0; \{18^3, 9^9, 6, 3^2\})$	1935862416
18	$\mathcal{O}(0; \{18^3, 9^9, 6^2, 2\})$	967931208
18	$\mathcal{O}(0; \{18^4, 9, 3^2, 2^{14}\})$	3240
18	$\mathcal{O}(0; \{18^4, 9, 3^5, 2^{10}\})$	25920
18	$\mathcal{O}(0; \{18^4, 9, 3^8, 2^6\})$	207360
18	$\mathcal{O}(0; \{18^4, 9, 3^{11}, 2\})$	1658880
18	$\mathcal{O}(0; \{18^4, 9, 6, 2^{15}\})$	1620
18	$\mathcal{O}(0; \{18^4, 9, 6, 3^3, 2^{11}\})$	12960
18	$\mathcal{O}(0; \{18^4, 9, 6, 3^6, 2^7\})$	103680
18	$\mathcal{O}(0; \{18^4, 9, 6, 3^9, 2^3\})$	829440
18	$\mathcal{O}(0; \{18^4, 9, 6^2, 3, 2^{12}\})$	6480
18	$\mathcal{O}(0; \{18^4, 9, 6^2, 3^4, 2^8\})$	51840
18	$\mathcal{O}(0; \{18^4, 9, 6^2, 3^7, 2^4\})$	414720
18	$\mathcal{O}(0; \{18^4, 9, 6^2, 3^{10}\})$	3317760
18	$\mathcal{O}(0; \{18^4, 9, 6^3, 3^2, 2^9\})$	25920
18	$\mathcal{O}(0; \{18^4, 9, 6^3, 3^5, 2^5\})$	207360

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^4, 9, 6^3, 3^8, 2\})$	1658880
18	$\mathcal{O}(0; \{18^4, 9, 6^4, 2^{10}\})$	12960
18	$\mathcal{O}(0; \{18^4, 9, 6^4, 3^3, 2^6\})$	103680
18	$\mathcal{O}(0; \{18^4, 9, 6^4, 3^6, 2^2\})$	829440
18	$\mathcal{O}(0; \{18^4, 9, 6^5, 3, 2^7\})$	51840
18	$\mathcal{O}(0; \{18^4, 9, 6^5, 3^4, 2^3\})$	414720
18	$\mathcal{O}(0; \{18^4, 9, 6^6, 3^2, 2^4\})$	207360
18	$\mathcal{O}(0; \{18^4, 9, 6^6, 3^5\})$	1658880
18	$\mathcal{O}(0; \{18^4, 9, 6^7, 2^5\})$	103680
18	$\mathcal{O}(0; \{18^4, 9, 6^7, 3^3, 2\})$	829440
18	$\mathcal{O}(0; \{18^4, 9, 6^8, 3, 2^2\})$	414720
18	$\mathcal{O}(0; \{18^4, 9, 6^{10}\})$	829440
18	$\mathcal{O}(0; \{18^4, 9^4, 3, 2^{10}\})$	376164
18	$\mathcal{O}(0; \{18^4, 9^4, 3^4, 2^6\})$	3009312
18	$\mathcal{O}(0; \{18^4, 9^4, 3^7, 2^2\})$	24074496
18	$\mathcal{O}(0; \{18^4, 9^4, 6, 3^2, 2^7\})$	1504656
18	$\mathcal{O}(0; \{18^4, 9^4, 6, 3^5, 2^3\})$	12037248
18	$\mathcal{O}(0; \{18^4, 9^4, 6^2, 2^8\})$	752328
18	$\mathcal{O}(0; \{18^4, 9^4, 6^2, 3^3, 2^4\})$	6018624
18	$\mathcal{O}(0; \{18^4, 9^4, 6^2, 3^6\})$	48148992
18	$\mathcal{O}(0; \{18^4, 9^4, 6^3, 3, 2^5\})$	3009312
18	$\mathcal{O}(0; \{18^4, 9^4, 6^3, 3^4, 2\})$	24074496
18	$\mathcal{O}(0; \{18^4, 9^4, 6^4, 3^2, 2^2\})$	12037248
18	$\mathcal{O}(0; \{18^4, 9^4, 6^5, 2^3\})$	6018624
18	$\mathcal{O}(0; \{18^4, 9^4, 6^6, 3\})$	24074496
18	$\mathcal{O}(0; \{18^4, 9^7, 2^6\})$	40271418
18	$\mathcal{O}(0; \{18^4, 9^7, 3^3, 2^2\})$	322171344
18	$\mathcal{O}(0; \{18^4, 9^7, 6, 3, 2^3\})$	161085672
18	$\mathcal{O}(0; \{18^4, 9^7, 6^2, 3^2\})$	644342688
18	$\mathcal{O}(0; \{18^4, 9^7, 6^3, 2\})$	322171344
18	$\mathcal{O}(0; \{18^5, 9^2, 2^{13}\})$	30618
18	$\mathcal{O}(0; \{18^5, 9^2, 3^3, 2^9\})$	244944
18	$\mathcal{O}(0; \{18^5, 9^2, 3^6, 2^5\})$	1959552
18	$\mathcal{O}(0; \{18^5, 9^2, 3^9, 2\})$	15676416
18	$\mathcal{O}(0; \{18^5, 9^2, 6, 3, 2^{10}\})$	122472
18	$\mathcal{O}(0; \{18^5, 9^2, 6, 3^4, 2^6\})$	979776
18	$\mathcal{O}(0; \{18^5, 9^2, 6, 3^7, 2^2\})$	7838208
18	$\mathcal{O}(0; \{18^5, 9^2, 6^2, 3^2, 2^7\})$	489888
18	$\mathcal{O}(0; \{18^5, 9^2, 6^2, 3^5, 2^3\})$	3919104
18	$\mathcal{O}(0; \{18^5, 9^2, 6^3, 2^8\})$	244944
18	$\mathcal{O}(0; \{18^5, 9^2, 6^3, 3^3, 2^4\})$	1959552
18	$\mathcal{O}(0; \{18^5, 9^2, 6^3, 3^6\})$	15676416
18	$\mathcal{O}(0; \{18^5, 9^2, 6^4, 3, 2^5\})$	979776

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^5, 9^2, 6^4, 3^4, 2\})$	7838208
18	$\mathcal{O}(0; \{18^5, 9^2, 6^5, 3^2, 2^2\})$	3919104
18	$\mathcal{O}(0; \{18^5, 9^2, 6^6, 2^3\})$	1959552
18	$\mathcal{O}(0; \{18^5, 9^2, 6^7, 3\})$	7838208
18	$\mathcal{O}(0; \{18^5, 9^5, 3^2, 2^5\})$	26926344
18	$\mathcal{O}(0; \{18^5, 9^5, 3^5, 2\})$	215410752
18	$\mathcal{O}(0; \{18^5, 9^5, 6, 2^6\})$	13463172
18	$\mathcal{O}(0; \{18^5, 9^5, 6, 3^3, 2^2\})$	107705376
18	$\mathcal{O}(0; \{18^5, 9^5, 6^2, 3, 2^3\})$	53852688
18	$\mathcal{O}(0; \{18^5, 9^5, 6^3, 3^2\})$	215410752
18	$\mathcal{O}(0; \{18^5, 9^5, 6^4, 2\})$	107705376
18	$\mathcal{O}(0; \{18^5, 9^8, 3, 2\})$	2901667860
18	$\mathcal{O}(0; \{18^6, 3^2, 2^{12}\})$	21384
18	$\mathcal{O}(0; \{18^6, 3^5, 2^8\})$	171072
18	$\mathcal{O}(0; \{18^6, 3^8, 2^4\})$	1368576
18	$\mathcal{O}(0; \{18^6, 3^{11}\})$	10948608
18	$\mathcal{O}(0; \{18^6, 6, 2^{13}\})$	10692
18	$\mathcal{O}(0; \{18^6, 6, 3^3, 2^9\})$	85536
18	$\mathcal{O}(0; \{18^6, 6, 3^6, 2^5\})$	684288
18	$\mathcal{O}(0; \{18^6, 6, 3^9, 2\})$	5474304
18	$\mathcal{O}(0; \{18^6, 6^2, 3, 2^{10}\})$	42768
18	$\mathcal{O}(0; \{18^6, 6^2, 3^4, 2^6\})$	342144
18	$\mathcal{O}(0; \{18^6, 6^2, 3^7, 2^2\})$	2737152
18	$\mathcal{O}(0; \{18^6, 6^3, 3^2, 2^7\})$	171072
18	$\mathcal{O}(0; \{18^6, 6^3, 3^5, 2^3\})$	1368576
18	$\mathcal{O}(0; \{18^6, 6^4, 2^8\})$	85536
18	$\mathcal{O}(0; \{18^6, 6^4, 3^3, 2^4\})$	684288
18	$\mathcal{O}(0; \{18^6, 6^4, 3^6\})$	5474304
18	$\mathcal{O}(0; \{18^6, 6^5, 3, 2^5\})$	342144
18	$\mathcal{O}(0; \{18^6, 6^5, 3^4, 2\})$	2737152
18	$\mathcal{O}(0; \{18^6, 6^6, 3^2, 2^2\})$	1368576
18	$\mathcal{O}(0; \{18^6, 6^7, 2^3\})$	684288
18	$\mathcal{O}(0; \{18^6, 6^8, 3\})$	2737152
18	$\mathcal{O}(0; \{18^6, 9^3, 3, 2^8\})$	2230740
18	$\mathcal{O}(0; \{18^6, 9^3, 3^4, 2^4\})$	17845920
18	$\mathcal{O}(0; \{18^6, 9^3, 3^7\})$	142767360
18	$\mathcal{O}(0; \{18^6, 9^3, 6, 3^2, 2^5\})$	8922960
18	$\mathcal{O}(0; \{18^6, 9^3, 6, 3^5, 2\})$	71383680
18	$\mathcal{O}(0; \{18^6, 9^3, 6^2, 2^6\})$	4461480
18	$\mathcal{O}(0; \{18^6, 9^3, 6^2, 3^3, 2^2\})$	35691840
18	$\mathcal{O}(0; \{18^6, 9^3, 6^3, 3, 2^3\})$	17845920
18	$\mathcal{O}(0; \{18^6, 9^3, 6^4, 3^2\})$	71383680
18	$\mathcal{O}(0; \{18^6, 9^3, 6^5, 2\})$	35691840

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^6, 9^6, 2^4\})$	241982802
18	$\mathcal{O}(0; \{18^6, 9^6, 3^3\})$	1935862416
18	$\mathcal{O}(0; \{18^6, 9^6, 6, 3, 2\})$	967931208
18	$\mathcal{O}(0; \{18^7, 9, 2^{11}\})$	188082
18	$\mathcal{O}(0; \{18^7, 9, 3^3, 2^7\})$	1504656
18	$\mathcal{O}(0; \{18^7, 9, 3^6, 2^3\})$	12037248
18	$\mathcal{O}(0; \{18^7, 9, 6, 3, 2^8\})$	752328
18	$\mathcal{O}(0; \{18^7, 9, 6, 3^4, 2^4\})$	6018624
18	$\mathcal{O}(0; \{18^7, 9, 6, 3^7\})$	48148992
18	$\mathcal{O}(0; \{18^7, 9, 6^2, 3^2, 2^5\})$	3009312
18	$\mathcal{O}(0; \{18^7, 9, 6^2, 3^5, 2\})$	24074496
18	$\mathcal{O}(0; \{18^7, 9, 6^3, 2^6\})$	1504656
18	$\mathcal{O}(0; \{18^7, 9, 6^3, 3^3, 2^2\})$	12037248
18	$\mathcal{O}(0; \{18^7, 9, 6^4, 3, 2^3\})$	6018624
18	$\mathcal{O}(0; \{18^7, 9, 6^5, 3^2\})$	24074496
18	$\mathcal{O}(0; \{18^7, 9, 6^6, 2\})$	12037248
18	$\mathcal{O}(0; \{18^7, 9^4, 3^2, 2^3\})$	161085672
18	$\mathcal{O}(0; \{18^7, 9^4, 6, 2^4\})$	80542836
18	$\mathcal{O}(0; \{18^7, 9^4, 6, 3^3\})$	644342688
18	$\mathcal{O}(0; \{18^7, 9^4, 6^2, 3, 2\})$	322171344
18	$\mathcal{O}(0; \{18^8, 9^2, 3, 2^6\})$	13463172
18	$\mathcal{O}(0; \{18^8, 9^2, 3^4, 2^2\})$	107705376
18	$\mathcal{O}(0; \{18^8, 9^2, 6, 3^2, 2^3\})$	53852688
18	$\mathcal{O}(0; \{18^8, 9^2, 6^2, 2^4\})$	26926344
18	$\mathcal{O}(0; \{18^8, 9^2, 6^2, 3^3\})$	215410752
18	$\mathcal{O}(0; \{18^8, 9^2, 6^3, 3, 2\})$	107705376
18	$\mathcal{O}(0; \{18^8, 9^5, 2^2\})$	1450833930
18	$\mathcal{O}(0; \{18^9, 2^9\})$	1115370
18	$\mathcal{O}(0; \{18^9, 3^3, 2^5\})$	8922960
18	$\mathcal{O}(0; \{18^9, 3^6, 2\})$	71383680
18	$\mathcal{O}(0; \{18^9, 6, 3, 2^6\})$	4461480
18	$\mathcal{O}(0; \{18^9, 6, 3^4, 2^2\})$	35691840
18	$\mathcal{O}(0; \{18^9, 6^2, 3^2, 2^3\})$	17845920
18	$\mathcal{O}(0; \{18^9, 6^3, 2^4\})$	8922960
18	$\mathcal{O}(0; \{18^9, 6^3, 3^3\})$	71383680
18	$\mathcal{O}(0; \{18^9, 6^4, 3, 2\})$	35691840
18	$\mathcal{O}(0; \{18^9, 9^3, 3^2, 2\})$	967931208
18	$\mathcal{O}(0; \{18^9, 9^3, 6, 2^2\})$	483965604
18	$\mathcal{O}(0; \{18^{10}, 9, 3, 2^4\})$	80542836
18	$\mathcal{O}(0; \{18^{10}, 9, 3^4\})$	644342688
18	$\mathcal{O}(0; \{18^{10}, 9, 6, 3^2, 2\})$	322171344
18	$\mathcal{O}(0; \{18^{10}, 9, 6^2, 2^2\})$	161085672
18	$\mathcal{O}(0; \{18^{10}, 9^4\})$	8708192226

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^{11}, 9^2, 6\})$	2901667860
18	$\mathcal{O}(0; \{18^{12}, 3, 2^2\})$	483965604
18	$\mathcal{O}(0; \{18^{12}, 6^2\})$	967931208
19	$\mathcal{O}(1; \{19^{11}\})$	1221099791505066
20	$\mathcal{O}(5; \{20^2\})$	8192000000000
20	$\mathcal{O}(4; \{5^3, 4^2\})$	614400000000
20	$\mathcal{O}(4; \{20, 10, 5, 4, 2\})$	614400000000
20	$\mathcal{O}(4; \{20^2, 2^4\})$	204800000000
20	$\mathcal{O}(4; \{20^2, 4^2, 2\})$	819200000000
20	$\mathcal{O}(3; \{5^3, 4^2, 2^4\})$	1536000000
20	$\mathcal{O}(3; \{5^3, 4^4, 2\})$	6144000000
20	$\mathcal{O}(3; \{10^2, 5^2, 4^2, 2^2\})$	6656000000
20	$\mathcal{O}(3; \{10^4, 5, 4^2\})$	26112000000
20	$\mathcal{O}(3; \{20, 5^4, 4, 2^2\})$	26112000000
20	$\mathcal{O}(3; \{20, 10, 5, 4, 2^5\})$	1536000000
20	$\mathcal{O}(3; \{20, 10, 5, 4^3, 2^2\})$	6144000000
20	$\mathcal{O}(3; \{20, 10^2, 5^3, 4\})$	104960000000
20	$\mathcal{O}(3; \{20, 10^3, 4, 2^3\})$	6656000000
20	$\mathcal{O}(3; \{20, 10^3, 4^3\})$	26624000000
20	$\mathcal{O}(3; \{20^2, 2^8\})$	512000000
20	$\mathcal{O}(3; \{20^2, 4^2, 2^5\})$	2048000000
20	$\mathcal{O}(3; \{20^2, 4^4, 2^2\})$	8192000000
20	$\mathcal{O}(3; \{20^2, 5^5\})$	419328000000
20	$\mathcal{O}(3; \{20^2, 10, 5^2, 2^3\})$	26112000000
20	$\mathcal{O}(3; \{20^2, 10, 5^2, 4^2\})$	104448000000
20	$\mathcal{O}(3; \{20^2, 10^3, 5, 2\})$	104960000000
20	$\mathcal{O}(3; \{20^3, 5, 4, 2^3\})$	26624000000
20	$\mathcal{O}(3; \{20^3, 5, 4^3\})$	106496000000
20	$\mathcal{O}(3; \{20^3, 10^2, 4, 2\})$	104448000000
20	$\mathcal{O}(3; \{20^4, 5^2, 2\})$	419840000000
20	$\mathcal{O}(2; \{5^3, 4^2, 2^8\})$	3840000
20	$\mathcal{O}(2; \{5^3, 4^4, 2^5\})$	15360000
20	$\mathcal{O}(2; \{5^3, 4^6, 2^2\})$	61440000
20	$\mathcal{O}(2; \{5^8, 4^2\})$	4194560000
20	$\mathcal{O}(2; \{10, 5^5, 4^2, 2^3\})$	262400000
20	$\mathcal{O}(2; \{10, 5^5, 4^4\})$	1049600000
20	$\mathcal{O}(2; \{10^2, 5^2, 4^2, 2^6\})$	16640000
20	$\mathcal{O}(2; \{10^2, 5^2, 4^4, 2^3\})$	66560000
20	$\mathcal{O}(2; \{10^2, 5^2, 4^6\})$	266240000
20	$\mathcal{O}(2; \{10^3, 5^4, 4^2, 2\})$	1048320000
20	$\mathcal{O}(2; \{10^4, 5, 4^2, 2^4\})$	65280000
20	$\mathcal{O}(2; \{10^4, 5, 4^4, 2\})$	261120000
20	$\mathcal{O}(2; \{10^6, 4^2, 2^2\})$	262400000

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(2; \{20, 5^4, 4, 2^6\})$	65280000
20	$\mathcal{O}(2; \{20, 5^4, 4^3, 2^3\})$	261120000
20	$\mathcal{O}(2; \{20, 5^4, 4^5\})$	1044480000
20	$\mathcal{O}(2; \{20, 10, 5, 4, 2^9\})$	3840000
20	$\mathcal{O}(2; \{20, 10, 5, 4^3, 2^6\})$	15360000
20	$\mathcal{O}(2; \{20, 10, 5, 4^5, 2^3\})$	61440000
20	$\mathcal{O}(2; \{20, 10, 5, 4^7\})$	245760000
20	$\mathcal{O}(2; \{20, 10, 5^6, 4, 2\})$	4194560000
20	$\mathcal{O}(2; \{20, 10^2, 5^3, 4, 2^4\})$	262400000
20	$\mathcal{O}(2; \{20, 10^2, 5^3, 4^3, 2\})$	1049600000
20	$\mathcal{O}(2; \{20, 10^3, 4, 2^7\})$	16640000
20	$\mathcal{O}(2; \{20, 10^3, 4^3, 2^4\})$	66560000
20	$\mathcal{O}(2; \{20, 10^3, 4^5, 2\})$	266240000
20	$\mathcal{O}(2; \{20, 10^4, 5^2, 4, 2^2\})$	1048320000
20	$\mathcal{O}(2; \{20, 10^6, 5, 4\})$	4194560000
20	$\mathcal{O}(2; \{20^2, 2^{12}\})$	1280000
20	$\mathcal{O}(2; \{20^2, 4^2, 2^9\})$	5120000
20	$\mathcal{O}(2; \{20^2, 4^4, 2^6\})$	20480000
20	$\mathcal{O}(2; \{20^2, 4^6, 2^3\})$	81920000
20	$\mathcal{O}(2; \{20^2, 4^8\})$	327680000
20	$\mathcal{O}(2; \{20^2, 5^5, 2^4\})$	1048320000
20	$\mathcal{O}(2; \{20^2, 5^5, 4^2, 2\})$	4193280000
20	$\mathcal{O}(2; \{20^2, 10, 5^2, 2^7\})$	65280000
20	$\mathcal{O}(2; \{20^2, 10, 5^2, 4^2, 2^4\})$	261120000
20	$\mathcal{O}(2; \{20^2, 10, 5^2, 4^4, 2\})$	1044480000
20	$\mathcal{O}(2; \{20^2, 10^2, 5^4, 2^2\})$	4194560000
20	$\mathcal{O}(2; \{20^2, 10^3, 5, 2^5\})$	262400000
20	$\mathcal{O}(2; \{20^2, 10^3, 5, 4^2, 2^2\})$	1049600000
20	$\mathcal{O}(2; \{20^2, 10^4, 5^3\})$	16776960000
20	$\mathcal{O}(2; \{20^2, 10^5, 2^3\})$	1048320000
20	$\mathcal{O}(2; \{20^2, 10^5, 4^2\})$	4193280000
20	$\mathcal{O}(2; \{20^3, 5, 4, 2^7\})$	66560000
20	$\mathcal{O}(2; \{20^3, 5, 4^3, 2^4\})$	266240000
20	$\mathcal{O}(2; \{20^3, 5, 4^5, 2\})$	1064960000
20	$\mathcal{O}(2; \{20^3, 10, 5^3, 4, 2^2\})$	4193280000
20	$\mathcal{O}(2; \{20^3, 10^2, 4, 2^5\})$	261120000
20	$\mathcal{O}(2; \{20^3, 10^2, 4^3, 2^2\})$	1044480000
20	$\mathcal{O}(2; \{20^3, 10^3, 5^2, 4\})$	16778240000
20	$\mathcal{O}(2; \{20^4, 5^2, 2^5\})$	1049600000
20	$\mathcal{O}(2; \{20^4, 5^2, 4^2, 2^2\})$	4198400000
20	$\mathcal{O}(2; \{20^4, 10, 5^4\})$	67107840000
20	$\mathcal{O}(2; \{20^4, 10^2, 5, 2^3\})$	4193280000
20	$\mathcal{O}(2; \{20^4, 10^2, 5, 4^2\})$	16773120000

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(2; \{20^4, 10^4, 2\})$	16778240000
20	$\mathcal{O}(2; \{20^5, 5^3, 4\})$	67112960000
20	$\mathcal{O}(2; \{20^5, 10, 4, 2^3\})$	4198400000
20	$\mathcal{O}(2; \{20^5, 10, 4^3\})$	16793600000
20	$\mathcal{O}(2; \{20^6, 10, 5, 2\})$	67112960000
20	$\mathcal{O}(2; \{20^7, 4, 2\})$	67092480000
20	$\mathcal{O}(1; \{5^3, 4^2, 2^{12}\})$	9600
20	$\mathcal{O}(1; \{5^3, 4^4, 2^9\})$	38400
20	$\mathcal{O}(1; \{5^3, 4^6, 2^6\})$	153600
20	$\mathcal{O}(1; \{5^3, 4^8, 2^3\})$	614400
20	$\mathcal{O}(1; \{5^3, 4^{10}\})$	2457600
20	$\mathcal{O}(1; \{5^8, 4^2, 2^4\})$	10486400
20	$\mathcal{O}(1; \{5^8, 4^4, 2\})$	41945600
20	$\mathcal{O}(1; \{10, 5^5, 4^2, 2^7\})$	656000
20	$\mathcal{O}(1; \{10, 5^5, 4^4, 2^4\})$	2624000
20	$\mathcal{O}(1; \{10, 5^5, 4^6, 2\})$	10496000
20	$\mathcal{O}(1; \{10^2, 5^2, 4^2, 2^{10}\})$	41600
20	$\mathcal{O}(1; \{10^2, 5^2, 4^4, 2^7\})$	166400
20	$\mathcal{O}(1; \{10^2, 5^2, 4^6, 2^4\})$	665600
20	$\mathcal{O}(1; \{10^2, 5^2, 4^8, 2\})$	2662400
20	$\mathcal{O}(1; \{10^2, 5^7, 4^2, 2^2\})$	41942400
20	$\mathcal{O}(1; \{10^3, 5^4, 4^2, 2^5\})$	2620800
20	$\mathcal{O}(1; \{10^3, 5^4, 4^4, 2^2\})$	10483200
20	$\mathcal{O}(1; \{10^4, 5, 4^2, 2^8\})$	163200
20	$\mathcal{O}(1; \{10^4, 5, 4^4, 2^5\})$	652800
20	$\mathcal{O}(1; \{10^4, 5, 4^6, 2^2\})$	2611200
20	$\mathcal{O}(1; \{10^4, 5^6, 4^2\})$	167772800
20	$\mathcal{O}(1; \{10^5, 5^3, 4^2, 2^3\})$	10486400
20	$\mathcal{O}(1; \{10^5, 5^3, 4^4\})$	41945600
20	$\mathcal{O}(1; \{10^6, 4^2, 2^6\})$	656000
20	$\mathcal{O}(1; \{10^6, 4^4, 2^3\})$	2624000
20	$\mathcal{O}(1; \{10^6, 4^6\})$	10496000
20	$\mathcal{O}(1; \{10^7, 5^2, 4^2, 2\})$	41942400
20	$\mathcal{O}(1; \{20, 5^4, 4, 2^{10}\})$	163200
20	$\mathcal{O}(1; \{20, 5^4, 4^3, 2^7\})$	652800
20	$\mathcal{O}(1; \{20, 5^4, 4^5, 2^4\})$	2611200
20	$\mathcal{O}(1; \{20, 5^4, 4^7, 2\})$	10444800
20	$\mathcal{O}(1; \{20, 5^9, 4, 2^2\})$	167772800
20	$\mathcal{O}(1; \{20, 10, 5, 4, 2^{13}\})$	9600
20	$\mathcal{O}(1; \{20, 10, 5, 4^3, 2^{10}\})$	38400
20	$\mathcal{O}(1; \{20, 10, 5, 4^5, 2^7\})$	153600
20	$\mathcal{O}(1; \{20, 10, 5, 4^7, 2^4\})$	614400
20	$\mathcal{O}(1; \{20, 10, 5, 4^9, 2\})$	2457600

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{20, 10, 5^6, 4, 2^5\})$	10486400
20	$\mathcal{O}(1; \{20, 10, 5^6, 4^3, 2^2\})$	41945600
20	$\mathcal{O}(1; \{20, 10^2, 5^3, 4, 2^8\})$	656000
20	$\mathcal{O}(1; \{20, 10^2, 5^3, 4^3, 2^5\})$	2624000
20	$\mathcal{O}(1; \{20, 10^2, 5^3, 4^5, 2^2\})$	10496000
20	$\mathcal{O}(1; \{20, 10^2, 5^8, 4\})$	671088000
20	$\mathcal{O}(1; \{20, 10^3, 4, 2^{11}\})$	41600
20	$\mathcal{O}(1; \{20, 10^3, 4^3, 2^8\})$	166400
20	$\mathcal{O}(1; \{20, 10^3, 4^5, 2^5\})$	665600
20	$\mathcal{O}(1; \{20, 10^3, 4^7, 2^2\})$	2662400
20	$\mathcal{O}(1; \{20, 10^3, 5^5, 4, 2^3\})$	41942400
20	$\mathcal{O}(1; \{20, 10^3, 5^5, 4^3\})$	167769600
20	$\mathcal{O}(1; \{20, 10^4, 5^2, 4, 2^6\})$	2620800
20	$\mathcal{O}(1; \{20, 10^4, 5^2, 4^3, 2^3\})$	10483200
20	$\mathcal{O}(1; \{20, 10^4, 5^2, 4^5\})$	41932800
20	$\mathcal{O}(1; \{20, 10^5, 5^4, 4, 2\})$	167772800
20	$\mathcal{O}(1; \{20, 10^6, 5, 4, 2^4\})$	10486400
20	$\mathcal{O}(1; \{20, 10^6, 5, 4^3, 2\})$	41945600
20	$\mathcal{O}(1; \{20, 10^8, 4, 2^2\})$	41942400
20	$\mathcal{O}(1; \{20^2, 2^{16}\})$	3200
20	$\mathcal{O}(1; \{20^2, 4^2, 2^{13}\})$	12800
20	$\mathcal{O}(1; \{20^2, 4^4, 2^{10}\})$	51200
20	$\mathcal{O}(1; \{20^2, 4^6, 2^7\})$	204800
20	$\mathcal{O}(1; \{20^2, 4^8, 2^4\})$	819200
20	$\mathcal{O}(1; \{20^2, 4^{10}, 2\})$	3276800
20	$\mathcal{O}(1; \{20^2, 5^5, 2^8\})$	2620800
20	$\mathcal{O}(1; \{20^2, 5^5, 4^2, 2^5\})$	10483200
20	$\mathcal{O}(1; \{20^2, 5^5, 4^4, 2^2\})$	41932800
20	$\mathcal{O}(1; \{20^2, 5^{10}\})$	268435200
20	$\mathcal{O}(1; \{20^2, 10, 5^2, 2^{11}\})$	163200
20	$\mathcal{O}(1; \{20^2, 10, 5^2, 4^2, 2^8\})$	652800
20	$\mathcal{O}(1; \{20^2, 10, 5^2, 4^4, 2^5\})$	2611200
20	$\mathcal{O}(1; \{20^2, 10, 5^2, 4^6, 2^2\})$	10444800
20	$\mathcal{O}(1; \{20^2, 10, 5^7, 2^3\})$	167772800
20	$\mathcal{O}(1; \{20^2, 10, 5^7, 4^2\})$	671091200
20	$\mathcal{O}(1; \{20^2, 10^2, 5^4, 2^6\})$	10486400
20	$\mathcal{O}(1; \{20^2, 10^2, 5^4, 4^2, 2^3\})$	41945600
20	$\mathcal{O}(1; \{20^2, 10^2, 5^4, 4^4\})$	167782400
20	$\mathcal{O}(1; \{20^2, 10^3, 5, 2^9\})$	656000
20	$\mathcal{O}(1; \{20^2, 10^3, 5, 4^2, 2^6\})$	2624000
20	$\mathcal{O}(1; \{20^2, 10^3, 5, 4^4, 2^3\})$	10496000
20	$\mathcal{O}(1; \{20^2, 10^3, 5, 4^6\})$	41984000
20	$\mathcal{O}(1; \{20^2, 10^3, 5^6, 2\})$	671088000

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{20^2, 10^4, 5^3, 2^4\})$	41942400
20	$\mathcal{O}(1; \{20^2, 10^4, 5^3, 4^2, 2\})$	167769600
20	$\mathcal{O}(1; \{20^2, 10^5, 2^7\})$	2620800
20	$\mathcal{O}(1; \{20^2, 10^5, 4^2, 2^4\})$	10483200
20	$\mathcal{O}(1; \{20^2, 10^5, 4^4, 2\})$	41932800
20	$\mathcal{O}(1; \{20^2, 10^6, 5^2, 2^2\})$	167772800
20	$\mathcal{O}(1; \{20^2, 10^8, 5\})$	671088000
20	$\mathcal{O}(1; \{20^3, 5, 4, 2^{11}\})$	166400
20	$\mathcal{O}(1; \{20^3, 5, 4^3, 2^8\})$	665600
20	$\mathcal{O}(1; \{20^3, 5, 4^5, 2^5\})$	2662400
20	$\mathcal{O}(1; \{20^3, 5, 4^7, 2^2\})$	10649600
20	$\mathcal{O}(1; \{20^3, 5^6, 4, 2^3\})$	167769600
20	$\mathcal{O}(1; \{20^3, 5^6, 4^3\})$	671078400
20	$\mathcal{O}(1; \{20^3, 10, 5^3, 4, 2^6\})$	10483200
20	$\mathcal{O}(1; \{20^3, 10, 5^3, 4^3, 2^3\})$	41932800
20	$\mathcal{O}(1; \{20^3, 10, 5^3, 4^5\})$	167731200
20	$\mathcal{O}(1; \{20^3, 10^2, 4, 2^9\})$	652800
20	$\mathcal{O}(1; \{20^3, 10^2, 4^3, 2^6\})$	2611200
20	$\mathcal{O}(1; \{20^3, 10^2, 4^5, 2^3\})$	10444800
20	$\mathcal{O}(1; \{20^3, 10^2, 4^7\})$	41779200
20	$\mathcal{O}(1; \{20^3, 10^2, 5^5, 4, 2\})$	671091200
20	$\mathcal{O}(1; \{20^3, 10^3, 5^2, 4, 2^4\})$	41945600
20	$\mathcal{O}(1; \{20^3, 10^3, 5^2, 4^3, 2\})$	167782400
20	$\mathcal{O}(1; \{20^3, 10^5, 5, 4, 2^2\})$	167769600
20	$\mathcal{O}(1; \{20^3, 10^7, 4\})$	671091200
20	$\mathcal{O}(1; \{20^4, 5^2, 2^9\})$	2624000
20	$\mathcal{O}(1; \{20^4, 5^2, 4^2, 2^6\})$	10496000
20	$\mathcal{O}(1; \{20^4, 5^2, 4^4, 2^3\})$	41984000
20	$\mathcal{O}(1; \{20^4, 5^2, 4^6\})$	167936000
20	$\mathcal{O}(1; \{20^4, 5^7, 2\})$	2684352000
20	$\mathcal{O}(1; \{20^4, 10, 5^4, 2^4\})$	167769600
20	$\mathcal{O}(1; \{20^4, 10, 5^4, 4^2, 2\})$	671078400
20	$\mathcal{O}(1; \{20^4, 10^2, 5, 2^7\})$	10483200
20	$\mathcal{O}(1; \{20^4, 10^2, 5, 4^2, 2^4\})$	41932800
20	$\mathcal{O}(1; \{20^4, 10^2, 5, 4^4, 2\})$	167731200
20	$\mathcal{O}(1; \{20^4, 10^3, 5^3, 2^2\})$	671091200
20	$\mathcal{O}(1; \{20^4, 10^4, 2^5\})$	41945600
20	$\mathcal{O}(1; \{20^4, 10^4, 4^2, 2^2\})$	167782400
20	$\mathcal{O}(1; \{20^4, 10^5, 5^2\})$	2684352000
20	$\mathcal{O}(1; \{20^5, 5^3, 4, 2^4\})$	167782400
20	$\mathcal{O}(1; \{20^5, 5^3, 4^3, 2\})$	671129600
20	$\mathcal{O}(1; \{20^5, 10, 4, 2^7\})$	10496000
20	$\mathcal{O}(1; \{20^5, 10, 4^3, 2^4\})$	41984000

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{20^5, 10, 4^5, 2\})$	167936000
20	$\mathcal{O}(1; \{20^5, 10^2, 5^2, 4, 2^2\})$	671078400
20	$\mathcal{O}(1; \{20^5, 10^4, 5, 4\})$	2684364800
20	$\mathcal{O}(1; \{20^6, 5^4, 2^2\})$	2684364800
20	$\mathcal{O}(1; \{20^6, 10, 5, 2^5\})$	167782400
20	$\mathcal{O}(1; \{20^6, 10, 5, 4^2, 2^2\})$	671129600
20	$\mathcal{O}(1; \{20^6, 10^2, 5^3\})$	10737408000
20	$\mathcal{O}(1; \{20^6, 10^3, 2^3\})$	671078400
20	$\mathcal{O}(1; \{20^6, 10^3, 4^2\})$	2684313600
20	$\mathcal{O}(1; \{20^7, 4, 2^5\})$	167731200
20	$\mathcal{O}(1; \{20^7, 4^3, 2^2\})$	670924800
20	$\mathcal{O}(1; \{20^7, 10, 5^2, 4\})$	10737459200
20	$\mathcal{O}(1; \{20^8, 5, 2^3\})$	2684313600
20	$\mathcal{O}(1; \{20^8, 5, 4^2\})$	10737254400
20	$\mathcal{O}(1; \{20^8, 10^2, 2\})$	10737459200
20	$\mathcal{O}(0; \{5^3, 4^2, 2^{16}\})$	24
20	$\mathcal{O}(0; \{5^3, 4^4, 2^{13}\})$	96
20	$\mathcal{O}(0; \{5^3, 4^6, 2^{10}\})$	384
20	$\mathcal{O}(0; \{5^3, 4^8, 2^7\})$	1536
20	$\mathcal{O}(0; \{5^3, 4^{10}, 2^4\})$	6144
20	$\mathcal{O}(0; \{5^3, 4^{12}, 2\})$	24576
20	$\mathcal{O}(0; \{5^8, 4^2, 2^8\})$	26216
20	$\mathcal{O}(0; \{5^8, 4^4, 2^5\})$	104864
20	$\mathcal{O}(0; \{5^8, 4^6, 2^2\})$	419456
20	$\mathcal{O}(0; \{5^{13}, 4^2\})$	26843544
20	$\mathcal{O}(0; \{10, 5^5, 4^2, 2^{11}\})$	1640
20	$\mathcal{O}(0; \{10, 5^5, 4^4, 2^8\})$	6560
20	$\mathcal{O}(0; \{10, 5^5, 4^6, 2^5\})$	26240
20	$\mathcal{O}(0; \{10, 5^5, 4^8, 2^2\})$	104960
20	$\mathcal{O}(0; \{10, 5^{10}, 4^2, 2^3\})$	1677720
20	$\mathcal{O}(0; \{10, 5^{10}, 4^4\})$	6710880
20	$\mathcal{O}(0; \{10^2, 5^2, 4^2, 2^{14}\})$	104
20	$\mathcal{O}(0; \{10^2, 5^2, 4^4, 2^{11}\})$	416
20	$\mathcal{O}(0; \{10^2, 5^2, 4^6, 2^8\})$	1664
20	$\mathcal{O}(0; \{10^2, 5^2, 4^8, 2^5\})$	6656
20	$\mathcal{O}(0; \{10^2, 5^2, 4^{10}, 2^2\})$	26624
20	$\mathcal{O}(0; \{10^2, 5^7, 4^2, 2^6\})$	104856
20	$\mathcal{O}(0; \{10^2, 5^7, 4^4, 2^3\})$	419424
20	$\mathcal{O}(0; \{10^2, 5^7, 4^6\})$	1677696
20	$\mathcal{O}(0; \{10^3, 5^4, 4^2, 2^9\})$	6552
20	$\mathcal{O}(0; \{10^3, 5^4, 4^4, 2^6\})$	26208
20	$\mathcal{O}(0; \{10^3, 5^4, 4^6, 2^3\})$	104832
20	$\mathcal{O}(0; \{10^3, 5^4, 4^8\})$	419328

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{10^3, 5^9, 4^2, 2\})$	6710888
20	$\mathcal{O}(0; \{10^4, 5, 4^2, 2^{12}\})$	408
20	$\mathcal{O}(0; \{10^4, 5, 4^4, 2^9\})$	1632
20	$\mathcal{O}(0; \{10^4, 5, 4^6, 2^6\})$	6528
20	$\mathcal{O}(0; \{10^4, 5, 4^8, 2^3\})$	26112
20	$\mathcal{O}(0; \{10^4, 5, 4^{10}\})$	104448
20	$\mathcal{O}(0; \{10^4, 5^6, 4^2, 2^4\})$	419432
20	$\mathcal{O}(0; \{10^4, 5^6, 4^4, 2\})$	1677728
20	$\mathcal{O}(0; \{10^5, 5^3, 4^2, 2^7\})$	26216
20	$\mathcal{O}(0; \{10^5, 5^3, 4^4, 2^4\})$	104864
20	$\mathcal{O}(0; \{10^5, 5^3, 4^6, 2\})$	419456
20	$\mathcal{O}(0; \{10^6, 4^2, 2^{10}\})$	1640
20	$\mathcal{O}(0; \{10^6, 4^4, 2^7\})$	6560
20	$\mathcal{O}(0; \{10^6, 4^6, 2^4\})$	26240
20	$\mathcal{O}(0; \{10^6, 4^8, 2\})$	104960
20	$\mathcal{O}(0; \{10^6, 5^5, 4^2, 2^2\})$	1677720
20	$\mathcal{O}(0; \{10^7, 5^2, 4^2, 2^5\})$	104856
20	$\mathcal{O}(0; \{10^7, 5^2, 4^4, 2^2\})$	419424
20	$\mathcal{O}(0; \{10^8, 5^4, 4^2\})$	6710888
20	$\mathcal{O}(0; \{10^9, 5, 4^2, 2^3\})$	419432
20	$\mathcal{O}(0; \{10^9, 5, 4^4\})$	1677728
20	$\mathcal{O}(0; \{10^{11}, 4^2, 2\})$	1677720
20	$\mathcal{O}(0; \{20, 5^4, 4, 2^{14}\})$	408
20	$\mathcal{O}(0; \{20, 5^4, 4^3, 2^{11}\})$	1632
20	$\mathcal{O}(0; \{20, 5^4, 4^5, 2^8\})$	6528
20	$\mathcal{O}(0; \{20, 5^4, 4^7, 2^5\})$	26112
20	$\mathcal{O}(0; \{20, 5^4, 4^9, 2^2\})$	104448
20	$\mathcal{O}(0; \{20, 5^9, 4, 2^6\})$	419432
20	$\mathcal{O}(0; \{20, 5^9, 4^3, 2^3\})$	1677728
20	$\mathcal{O}(0; \{20, 5^9, 4^5\})$	6710912
20	$\mathcal{O}(0; \{20, 10, 5, 4, 2^{17}\})$	24
20	$\mathcal{O}(0; \{20, 10, 5, 4^3, 2^{14}\})$	96
20	$\mathcal{O}(0; \{20, 10, 5, 4^5, 2^{11}\})$	384
20	$\mathcal{O}(0; \{20, 10, 5, 4^7, 2^8\})$	1536
20	$\mathcal{O}(0; \{20, 10, 5, 4^9, 2^5\})$	6144
20	$\mathcal{O}(0; \{20, 10, 5, 4^{11}, 2^2\})$	24576
20	$\mathcal{O}(0; \{20, 10, 5^6, 4, 2^9\})$	26216
20	$\mathcal{O}(0; \{20, 10, 5^6, 4^3, 2^6\})$	104864
20	$\mathcal{O}(0; \{20, 10, 5^6, 4^5, 2^3\})$	419456
20	$\mathcal{O}(0; \{20, 10, 5^6, 4^7\})$	1677824
20	$\mathcal{O}(0; \{20, 10, 5^{11}, 4, 2\})$	26843544
20	$\mathcal{O}(0; \{20, 10^2, 5^3, 4, 2^{12}\})$	1640
20	$\mathcal{O}(0; \{20, 10^2, 5^3, 4^3, 2^9\})$	6560

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20, 10^2, 5^3, 4^5, 2^6\})$	26240
20	$\mathcal{O}(0; \{20, 10^2, 5^3, 4^7, 2^3\})$	104960
20	$\mathcal{O}(0; \{20, 10^2, 5^3, 4^9\})$	419840
20	$\mathcal{O}(0; \{20, 10^2, 5^8, 4, 2^4\})$	1677720
20	$\mathcal{O}(0; \{20, 10^2, 5^8, 4^3, 2\})$	6710880
20	$\mathcal{O}(0; \{20, 10^3, 4, 2^{15}\})$	104
20	$\mathcal{O}(0; \{20, 10^3, 4^3, 2^{12}\})$	416
20	$\mathcal{O}(0; \{20, 10^3, 4^5, 2^9\})$	1664
20	$\mathcal{O}(0; \{20, 10^3, 4^7, 2^6\})$	6656
20	$\mathcal{O}(0; \{20, 10^3, 4^9, 2^3\})$	26624
20	$\mathcal{O}(0; \{20, 10^3, 4^{11}\})$	106496
20	$\mathcal{O}(0; \{20, 10^3, 5^5, 4, 2^7\})$	104856
20	$\mathcal{O}(0; \{20, 10^3, 5^5, 4^3, 2^4\})$	419424
20	$\mathcal{O}(0; \{20, 10^3, 5^5, 4^5, 2\})$	1677696
20	$\mathcal{O}(0; \{20, 10^4, 5^2, 4, 2^{10}\})$	6552
20	$\mathcal{O}(0; \{20, 10^4, 5^2, 4^3, 2^7\})$	26208
20	$\mathcal{O}(0; \{20, 10^4, 5^2, 4^5, 2^4\})$	104832
20	$\mathcal{O}(0; \{20, 10^4, 5^2, 4^7, 2\})$	419328
20	$\mathcal{O}(0; \{20, 10^4, 5^7, 4, 2^2\})$	6710888
20	$\mathcal{O}(0; \{20, 10^5, 5^4, 4, 2^5\})$	419432
20	$\mathcal{O}(0; \{20, 10^5, 5^4, 4^3, 2^2\})$	1677728
20	$\mathcal{O}(0; \{20, 10^6, 5, 4, 2^8\})$	26216
20	$\mathcal{O}(0; \{20, 10^6, 5, 4^3, 2^5\})$	104864
20	$\mathcal{O}(0; \{20, 10^6, 5, 4^5, 2^2\})$	419456
20	$\mathcal{O}(0; \{20, 10^6, 5^6, 4\})$	26843544
20	$\mathcal{O}(0; \{20, 10^7, 5^3, 4, 2^3\})$	1677720
20	$\mathcal{O}(0; \{20, 10^7, 5^3, 4^3\})$	6710880
20	$\mathcal{O}(0; \{20, 10^8, 4, 2^6\})$	104856
20	$\mathcal{O}(0; \{20, 10^8, 4^3, 2^3\})$	419424
20	$\mathcal{O}(0; \{20, 10^8, 4^5\})$	1677696
20	$\mathcal{O}(0; \{20, 10^9, 5^2, 4, 2\})$	6710888
20	$\mathcal{O}(0; \{20^2, 2^{20}\})$	8
20	$\mathcal{O}(0; \{20^2, 4^2, 2^{17}\})$	32
20	$\mathcal{O}(0; \{20^2, 4^4, 2^{14}\})$	128
20	$\mathcal{O}(0; \{20^2, 4^6, 2^{11}\})$	512
20	$\mathcal{O}(0; \{20^2, 4^8, 2^8\})$	2048
20	$\mathcal{O}(0; \{20^2, 4^{10}, 2^5\})$	8192
20	$\mathcal{O}(0; \{20^2, 4^{12}, 2^2\})$	32768
20	$\mathcal{O}(0; \{20^2, 5^5, 2^{12}\})$	6552
20	$\mathcal{O}(0; \{20^2, 5^5, 4^2, 2^9\})$	26208
20	$\mathcal{O}(0; \{20^2, 5^5, 4^4, 2^6\})$	104832
20	$\mathcal{O}(0; \{20^2, 5^5, 4^6, 2^3\})$	419328
20	$\mathcal{O}(0; \{20^2, 5^5, 4^8\})$	1677312

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20^2, 5^{10}, 2^4\})$	6710888
20	$\mathcal{O}(0; \{20^2, 5^{10}, 4^2, 2\})$	26843552
20	$\mathcal{O}(0; \{20^2, 10, 5^2, 2^{15}\})$	408
20	$\mathcal{O}(0; \{20^2, 10, 5^2, 4^2, 2^{12}\})$	1632
20	$\mathcal{O}(0; \{20^2, 10, 5^2, 4^4, 2^9\})$	6528
20	$\mathcal{O}(0; \{20^2, 10, 5^2, 4^6, 2^6\})$	26112
20	$\mathcal{O}(0; \{20^2, 10, 5^2, 4^8, 2^3\})$	104448
20	$\mathcal{O}(0; \{20^2, 10, 5^2, 4^{10}\})$	417792
20	$\mathcal{O}(0; \{20^2, 10, 5^7, 2^7\})$	419432
20	$\mathcal{O}(0; \{20^2, 10, 5^7, 4^2, 2^4\})$	1677728
20	$\mathcal{O}(0; \{20^2, 10, 5^7, 4^4, 2\})$	6710912
20	$\mathcal{O}(0; \{20^2, 10^2, 5^4, 2^{10}\})$	26216
20	$\mathcal{O}(0; \{20^2, 10^2, 5^4, 4^2, 2^7\})$	104864
20	$\mathcal{O}(0; \{20^2, 10^2, 5^4, 4^4, 2^4\})$	419456
20	$\mathcal{O}(0; \{20^2, 10^2, 5^4, 4^6, 2\})$	1677824
20	$\mathcal{O}(0; \{20^2, 10^2, 5^9, 2^2\})$	26843544
20	$\mathcal{O}(0; \{20^2, 10^3, 5, 2^{13}\})$	1640
20	$\mathcal{O}(0; \{20^2, 10^3, 5, 4^2, 2^{10}\})$	6560
20	$\mathcal{O}(0; \{20^2, 10^3, 5, 4^4, 2^7\})$	26240
20	$\mathcal{O}(0; \{20^2, 10^3, 5, 4^6, 2^4\})$	104960
20	$\mathcal{O}(0; \{20^2, 10^3, 5, 4^8, 2\})$	419840
20	$\mathcal{O}(0; \{20^2, 10^3, 5^6, 2^5\})$	1677720
20	$\mathcal{O}(0; \{20^2, 10^3, 5^6, 4^2, 2^2\})$	6710880
20	$\mathcal{O}(0; \{20^2, 10^4, 5^3, 2^8\})$	104856
20	$\mathcal{O}(0; \{20^2, 10^4, 5^3, 4^2, 2^5\})$	419424
20	$\mathcal{O}(0; \{20^2, 10^4, 5^3, 4^4, 2^2\})$	1677696
20	$\mathcal{O}(0; \{20^2, 10^4, 5^8\})$	107374184
20	$\mathcal{O}(0; \{20^2, 10^5, 2^{11}\})$	6552
20	$\mathcal{O}(0; \{20^2, 10^5, 4^2, 2^8\})$	26208
20	$\mathcal{O}(0; \{20^2, 10^5, 4^4, 2^5\})$	104832
20	$\mathcal{O}(0; \{20^2, 10^5, 4^6, 2^2\})$	419328
20	$\mathcal{O}(0; \{20^2, 10^5, 5^5, 2^3\})$	6710888
20	$\mathcal{O}(0; \{20^2, 10^5, 5^5, 4^2\})$	26843552
20	$\mathcal{O}(0; \{20^2, 10^6, 5^2, 2^6\})$	419432
20	$\mathcal{O}(0; \{20^2, 10^6, 5^2, 4^2, 2^3\})$	1677728
20	$\mathcal{O}(0; \{20^2, 10^6, 5^2, 4^4\})$	6710912
20	$\mathcal{O}(0; \{20^2, 10^7, 5^4, 2\})$	26843544
20	$\mathcal{O}(0; \{20^2, 10^8, 5, 2^4\})$	1677720
20	$\mathcal{O}(0; \{20^2, 10^8, 5, 4^2, 2\})$	6710880
20	$\mathcal{O}(0; \{20^2, 10^{10}, 2^2\})$	6710888
20	$\mathcal{O}(0; \{20^3, 5, 4, 2^{15}\})$	416
20	$\mathcal{O}(0; \{20^3, 5, 4^3, 2^{12}\})$	1664
20	$\mathcal{O}(0; \{20^3, 5, 4^5, 2^9\})$	6656

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20^3, 5, 4^7, 2^6\})$	26624
20	$\mathcal{O}(0; \{20^3, 5, 4^9, 2^3\})$	106496
20	$\mathcal{O}(0; \{20^3, 5, 4^{11}\})$	425984
20	$\mathcal{O}(0; \{20^3, 5^6, 4, 2^7\})$	419424
20	$\mathcal{O}(0; \{20^3, 5^6, 4^3, 2^4\})$	1677696
20	$\mathcal{O}(0; \{20^3, 5^6, 4^5, 2\})$	6710784
20	$\mathcal{O}(0; \{20^3, 10, 5^3, 4, 2^{10}\})$	26208
20	$\mathcal{O}(0; \{20^3, 10, 5^3, 4^3, 2^7\})$	104832
20	$\mathcal{O}(0; \{20^3, 10, 5^3, 4^5, 2^4\})$	419328
20	$\mathcal{O}(0; \{20^3, 10, 5^3, 4^7, 2\})$	1677312
20	$\mathcal{O}(0; \{20^3, 10, 5^8, 4, 2^2\})$	26843552
20	$\mathcal{O}(0; \{20^3, 10^2, 4, 2^{13}\})$	1632
20	$\mathcal{O}(0; \{20^3, 10^2, 4^3, 2^{10}\})$	6528
20	$\mathcal{O}(0; \{20^3, 10^2, 4^5, 2^7\})$	26112
20	$\mathcal{O}(0; \{20^3, 10^2, 4^7, 2^4\})$	104448
20	$\mathcal{O}(0; \{20^3, 10^2, 4^9, 2\})$	417792
20	$\mathcal{O}(0; \{20^3, 10^2, 5^5, 4, 2^5\})$	1677728
20	$\mathcal{O}(0; \{20^3, 10^2, 5^5, 4^3, 2^2\})$	6710912
20	$\mathcal{O}(0; \{20^3, 10^3, 5^2, 4, 2^8\})$	104864
20	$\mathcal{O}(0; \{20^3, 10^3, 5^2, 4^3, 2^5\})$	419456
20	$\mathcal{O}(0; \{20^3, 10^3, 5^2, 4^5, 2^2\})$	1677824
20	$\mathcal{O}(0; \{20^3, 10^3, 5^7, 4\})$	107374176
20	$\mathcal{O}(0; \{20^3, 10^4, 5^4, 4, 2^3\})$	6710880
20	$\mathcal{O}(0; \{20^3, 10^4, 5^4, 4^3\})$	26843520
20	$\mathcal{O}(0; \{20^3, 10^5, 5, 4, 2^6\})$	419424
20	$\mathcal{O}(0; \{20^3, 10^5, 5, 4^3, 2^3\})$	1677696
20	$\mathcal{O}(0; \{20^3, 10^5, 5, 4^5\})$	6710784
20	$\mathcal{O}(0; \{20^3, 10^6, 5^3, 4, 2\})$	26843552
20	$\mathcal{O}(0; \{20^3, 10^7, 4, 2^4\})$	1677728
20	$\mathcal{O}(0; \{20^3, 10^7, 4^3, 2\})$	6710912
20	$\mathcal{O}(0; \{20^4, 5^2, 2^{13}\})$	6560
20	$\mathcal{O}(0; \{20^4, 5^2, 4^2, 2^{10}\})$	26240
20	$\mathcal{O}(0; \{20^4, 5^2, 4^4, 2^7\})$	104960
20	$\mathcal{O}(0; \{20^4, 5^2, 4^6, 2^4\})$	419840
20	$\mathcal{O}(0; \{20^4, 5^2, 4^8, 2\})$	1679360
20	$\mathcal{O}(0; \{20^4, 5^7, 2^5\})$	6710880
20	$\mathcal{O}(0; \{20^4, 5^7, 4^2, 2^2\})$	26843520
20	$\mathcal{O}(0; \{20^4, 10, 5^4, 2^8\})$	419424
20	$\mathcal{O}(0; \{20^4, 10, 5^4, 4^2, 2^5\})$	1677696
20	$\mathcal{O}(0; \{20^4, 10, 5^4, 4^4, 2^2\})$	6710784
20	$\mathcal{O}(0; \{20^4, 10, 5^9\})$	429496736
20	$\mathcal{O}(0; \{20^4, 10^2, 5, 2^{11}\})$	26208
20	$\mathcal{O}(0; \{20^4, 10^2, 5, 4^2, 2^8\})$	104832

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20^4, 10^2, 5, 4^4, 2^5\})$	419328
20	$\mathcal{O}(0; \{20^4, 10^2, 5, 4^6, 2^2\})$	1677312
20	$\mathcal{O}(0; \{20^4, 10^2, 5^6, 2^3\})$	26843552
20	$\mathcal{O}(0; \{20^4, 10^2, 5^6, 4^2\})$	107374208
20	$\mathcal{O}(0; \{20^4, 10^3, 5^3, 2^6\})$	1677728
20	$\mathcal{O}(0; \{20^4, 10^3, 5^3, 4^2, 2^3\})$	6710912
20	$\mathcal{O}(0; \{20^4, 10^3, 5^3, 4^4\})$	26843648
20	$\mathcal{O}(0; \{20^4, 10^4, 2^9\})$	104864
20	$\mathcal{O}(0; \{20^4, 10^4, 4^2, 2^6\})$	419456
20	$\mathcal{O}(0; \{20^4, 10^4, 4^4, 2^3\})$	1677824
20	$\mathcal{O}(0; \{20^4, 10^4, 4^6\})$	6711296
20	$\mathcal{O}(0; \{20^4, 10^4, 5^5, 2\})$	107374176
20	$\mathcal{O}(0; \{20^4, 10^5, 5^2, 2^4\})$	6710880
20	$\mathcal{O}(0; \{20^4, 10^5, 5^2, 4^2, 2\})$	26843520
20	$\mathcal{O}(0; \{20^4, 10^7, 5, 2^2\})$	26843552
20	$\mathcal{O}(0; \{20^4, 10^9\})$	107374176
20	$\mathcal{O}(0; \{20^5, 5^3, 4, 2^8\})$	419456
20	$\mathcal{O}(0; \{20^5, 5^3, 4^3, 2^5\})$	1677824
20	$\mathcal{O}(0; \{20^5, 5^3, 4^5, 2^2\})$	6711296
20	$\mathcal{O}(0; \{20^5, 5^8, 4\})$	429496704
20	$\mathcal{O}(0; \{20^5, 10, 4, 2^{11}\})$	26240
20	$\mathcal{O}(0; \{20^5, 10, 4^3, 2^8\})$	104960
20	$\mathcal{O}(0; \{20^5, 10, 4^5, 2^5\})$	419840
20	$\mathcal{O}(0; \{20^5, 10, 4^7, 2^2\})$	1679360
20	$\mathcal{O}(0; \{20^5, 10, 5^5, 4, 2^3\})$	26843520
20	$\mathcal{O}(0; \{20^5, 10, 5^5, 4^3\})$	107374080
20	$\mathcal{O}(0; \{20^5, 10^2, 5^2, 4, 2^6\})$	1677696
20	$\mathcal{O}(0; \{20^5, 10^2, 5^2, 4^3, 2^3\})$	6710784
20	$\mathcal{O}(0; \{20^5, 10^2, 5^2, 4^5\})$	26843136
20	$\mathcal{O}(0; \{20^5, 10^3, 5^4, 4, 2\})$	107374208
20	$\mathcal{O}(0; \{20^5, 10^4, 5, 4, 2^4\})$	6710912
20	$\mathcal{O}(0; \{20^5, 10^4, 5, 4^3, 2\})$	26843648
20	$\mathcal{O}(0; \{20^5, 10^6, 4, 2^2\})$	26843520
20	$\mathcal{O}(0; \{20^6, 5^4, 2^6\})$	6710912
20	$\mathcal{O}(0; \{20^6, 5^4, 4^2, 2^3\})$	26843648
20	$\mathcal{O}(0; \{20^6, 5^4, 4^4\})$	107374592
20	$\mathcal{O}(0; \{20^6, 10, 5, 2^9\})$	419456
20	$\mathcal{O}(0; \{20^6, 10, 5, 4^2, 2^6\})$	1677824
20	$\mathcal{O}(0; \{20^6, 10, 5, 4^4, 2^3\})$	6711296
20	$\mathcal{O}(0; \{20^6, 10, 5, 4^6\})$	26845184
20	$\mathcal{O}(0; \{20^6, 10, 5^6, 2\})$	429496704
20	$\mathcal{O}(0; \{20^6, 10^2, 5^3, 2^4\})$	26843520
20	$\mathcal{O}(0; \{20^6, 10^2, 5^3, 4^2, 2\})$	107374080

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20^6, 10^3, 2^7\})$	1677696
20	$\mathcal{O}(0; \{20^6, 10^3, 4^2, 2^4\})$	6710784
20	$\mathcal{O}(0; \{20^6, 10^3, 4^4, 2\})$	26843136
20	$\mathcal{O}(0; \{20^6, 10^4, 5^2, 2^2\})$	107374208
20	$\mathcal{O}(0; \{20^6, 10^6, 5\})$	429496704
20	$\mathcal{O}(0; \{20^7, 4, 2^9\})$	419328
20	$\mathcal{O}(0; \{20^7, 4^3, 2^6\})$	1677312
20	$\mathcal{O}(0; \{20^7, 4^5, 2^3\})$	6709248
20	$\mathcal{O}(0; \{20^7, 4^7\})$	26836992
20	$\mathcal{O}(0; \{20^7, 5^5, 4, 2\})$	429496832
20	$\mathcal{O}(0; \{20^7, 10, 5^2, 4, 2^4\})$	26843648
20	$\mathcal{O}(0; \{20^7, 10, 5^2, 4^3, 2\})$	107374592
20	$\mathcal{O}(0; \{20^7, 10^3, 5, 4, 2^2\})$	107374080
20	$\mathcal{O}(0; \{20^7, 10^5, 4\})$	429496832
20	$\mathcal{O}(0; \{20^8, 5, 2^7\})$	6710784
20	$\mathcal{O}(0; \{20^8, 5, 4^2, 2^4\})$	26843136
20	$\mathcal{O}(0; \{20^8, 5, 4^4, 2\})$	107372544
20	$\mathcal{O}(0; \{20^8, 10, 5^3, 2^2\})$	429496832
20	$\mathcal{O}(0; \{20^8, 10^2, 2^5\})$	26843648
20	$\mathcal{O}(0; \{20^8, 10^2, 4^2, 2^2\})$	107374592
20	$\mathcal{O}(0; \{20^8, 10^3, 5^2\})$	1717986816
20	$\mathcal{O}(0; \{20^9, 5^2, 4, 2^2\})$	429496320
20	$\mathcal{O}(0; \{20^9, 10^2, 5, 4\})$	1717987328
20	$\mathcal{O}(0; \{20^{10}, 5^3\})$	6871947264
20	$\mathcal{O}(0; \{20^{10}, 10, 2^3\})$	429496320
20	$\mathcal{O}(0; \{20^{10}, 10, 4^2\})$	1717985280
20	$\mathcal{O}(0; \{20^{12}, 2\})$	6871949312
21	$\mathcal{O}(4; \{7^4\})$	7033979588160
21	$\mathcal{O}(4; \{21^2, 7, 3\})$	2269371561660
21	$\mathcal{O}(3; \{7^4, 3^3\})$	31904997012
21	$\mathcal{O}(3; \{21^2, 7, 3^4\})$	56605639860
21	$\mathcal{O}(3; \{21^3, 7^3\})$	1143433925172
21	$\mathcal{O}(3; \{21^5, 3\})$	2094408674820
21	$\mathcal{O}(2; \{7^4, 3^6\})$	795816252
21	$\mathcal{O}(2; \{21, 7^6, 3^2\})$	15554590380
21	$\mathcal{O}(2; \{21^2, 7, 3^7\})$	991853100
21	$\mathcal{O}(2; \{21^3, 7^3, 3^3\})$	28521027612
21	$\mathcal{O}(2; \{21^5, 3^4\})$	36698564700
21	$\mathcal{O}(2; \{21^6, 7^2\})$	1026628636572
21	$\mathcal{O}(1; \{7^4, 3^9\})$	13944420
21	$\mathcal{O}(1; \{7^{11}\})$	20316634800
21	$\mathcal{O}(1; \{21, 7^6, 3^5\})$	387982980
21	$\mathcal{O}(1; \{21^2, 7, 3^{10}\})$	18072180

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
21	$\mathcal{O}(1; \{21^2, 7^8, 3\})$	7618738932
21	$\mathcal{O}(1; \{21^3, 7^3, 3^6\})$	499750020
21	$\mathcal{O}(1; \{21^4, 7^5, 3^2\})$	13967678340
21	$\mathcal{O}(1; \{21^5, 3^7\})$	668670660
21	$\mathcal{O}(1; \{21^6, 7^2, 3^3\})$	17988751620
21	$\mathcal{O}(1; \{21^9, 7\})$	647592809220
21	$\mathcal{O}(0; \{7^4, 3^{12}\})$	254076
21	$\mathcal{O}(0; \{7^{11}, 3^3\})$	103656300
21	$\mathcal{O}(0; \{21, 7^6, 3^8\})$	6798300
21	$\mathcal{O}(0; \{21^2, 7, 3^{13}\})$	327660
21	$\mathcal{O}(0; \{21^2, 7^8, 3^4\})$	190036572
21	$\mathcal{O}(0; \{21^3, 7^3, 3^9\})$	9105756
21	$\mathcal{O}(0; \{21^3, 7^{10}\})$	3731626860
21	$\mathcal{O}(0; \{21^4, 7^5, 3^5\})$	244743900
21	$\mathcal{O}(0; \{21^5, 3^{10}\})$	12123420
21	$\mathcal{O}(0; \{21^5, 7^7, 3\})$	6841315932
21	$\mathcal{O}(0; \{21^6, 7^2, 3^6\})$	327766236
21	$\mathcal{O}(0; \{21^7, 7^4, 3^2\})$	8810785500
21	$\mathcal{O}(0; \{21^9, 7, 3^3\})$	11799543516
21	$\mathcal{O}(0; \{21^{12}\})$	424783525596
22	$\mathcal{O}(5; \{2^2\})$	26559922790400
22	$\mathcal{O}(4; \{2^6\})$	54875873280
22	$\mathcal{O}(3; \{2^{10}\})$	113379840
22	$\mathcal{O}(2; \{2^{14}\})$	234240
22	$\mathcal{O}(2; \{22, 11^5, 2^3\})$	21296212960
22	$\mathcal{O}(2; \{22^3, 11^4, 2\})$	212959787040
22	$\mathcal{O}(1; \{2^{18}\})$	480
22	$\mathcal{O}(1; \{22, 11^5, 2^7\})$	44000440
22	$\mathcal{O}(1; \{22^3, 11^4, 2^5\})$	439999560
22	$\mathcal{O}(1; \{22^5, 11^3, 2^3\})$	4400000440
22	$\mathcal{O}(1; \{22^7, 11^2, 2\})$	43999999560
22	$\mathcal{O}(0; \{11^{11}, 2^2\})$	9090909090
22	$\mathcal{O}(0; \{22, 11^5, 2^{11}\})$	90910
22	$\mathcal{O}(0; \{22^2, 11^{10}\})$	90909090910
22	$\mathcal{O}(0; \{22^3, 11^4, 2^9\})$	909090
22	$\mathcal{O}(0; \{22^5, 11^3, 2^7\})$	9090910
22	$\mathcal{O}(0; \{22^7, 11^2, 2^5\})$	90909090
22	$\mathcal{O}(0; \{22^9, 11, 2^3\})$	909090910
22	$\mathcal{O}(0; \{22^{11}, 2\})$	9090909090
23	$\mathcal{O}(1; \{23^9\})$	27767192008710
24	$\mathcal{O}(4; \{8^2, 2\})$	440234147840
24	$\mathcal{O}(3; \{8^2, 2^5\})$	763363328
24	$\mathcal{O}(3; \{8^2, 3^3, 2\})$	1528823808

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(3; \{8^2, 4^2, 2^2\})$	3053453312
24	$\mathcal{O}(3; \{8^2, 6, 3, 2^2\})$	1528823808
24	$\mathcal{O}(3; \{8^2, 6^3\})$	1528823808
24	$\mathcal{O}(3; \{8^4, 4\})$	24427626496
24	$\mathcal{O}(3; \{12, 8^2, 6, 4\})$	6115295232
24	$\mathcal{O}(3; \{12^2, 8^2, 3\})$	6115295232
24	$\mathcal{O}(3; \{24, 8, 4, 3, 2^2\})$	3057647616
24	$\mathcal{O}(3; \{24, 8, 6^2, 4\})$	3057647616
24	$\mathcal{O}(3; \{24, 8^3, 3\})$	24461180928
24	$\mathcal{O}(3; \{24, 12, 8, 2^3\})$	3057647616
24	$\mathcal{O}(3; \{24, 12, 8, 4^2\})$	12230590464
24	$\mathcal{O}(3; \{24, 12, 8, 6, 3\})$	9172942848
24	$\mathcal{O}(3; \{24^2, 3^2, 2^2\})$	4586471424
24	$\mathcal{O}(3; \{24^2, 6, 2^3\})$	1528823808
24	$\mathcal{O}(3; \{24^2, 6, 4^2\})$	6115295232
24	$\mathcal{O}(3; \{24^2, 6^2, 3\})$	7644119040
24	$\mathcal{O}(3; \{24^2, 12, 4, 3\})$	18345885696
24	$\mathcal{O}(3; \{24^2, 12^2, 2\})$	18345885696
24	$\mathcal{O}(3; \{24^3, 8, 2\})$	24461180928
24	$\mathcal{O}(2; \{8^2, 2^9\})$	1310720
24	$\mathcal{O}(2; \{8^2, 3^3, 2^5\})$	2654208
24	$\mathcal{O}(2; \{8^2, 3^6, 2\})$	29196288
24	$\mathcal{O}(2; \{8^2, 4^2, 2^6\})$	5242880
24	$\mathcal{O}(2; \{8^2, 4^2, 3^3, 2^2\})$	10616832
24	$\mathcal{O}(2; \{8^2, 4^4, 2^3\})$	20971520
24	$\mathcal{O}(2; \{8^2, 4^6\})$	83886080
24	$\mathcal{O}(2; \{8^2, 6, 3, 2^6\})$	2654208
24	$\mathcal{O}(2; \{8^2, 6, 3^4, 2^2\})$	13271040
24	$\mathcal{O}(2; \{8^2, 6, 4^2, 3, 2^3\})$	10616832
24	$\mathcal{O}(2; \{8^2, 6, 4^4, 3\})$	42467328
24	$\mathcal{O}(2; \{8^2, 6^2, 3^2, 2^3\})$	7962624
24	$\mathcal{O}(2; \{8^2, 6^2, 4^2, 3^2\})$	31850496
24	$\mathcal{O}(2; \{8^2, 6^3, 2^4\})$	2654208
24	$\mathcal{O}(2; \{8^2, 6^3, 3^3\})$	29196288
24	$\mathcal{O}(2; \{8^2, 6^3, 4^2, 2\})$	10616832
24	$\mathcal{O}(2; \{8^2, 6^4, 3, 2\})$	13271040
24	$\mathcal{O}(2; \{8^4, 4, 2^4\})$	41943040
24	$\mathcal{O}(2; \{8^4, 4, 3^3\})$	84934656
24	$\mathcal{O}(2; \{8^4, 4^3, 2\})$	167772160
24	$\mathcal{O}(2; \{8^4, 6, 4, 3, 2\})$	84934656
24	$\mathcal{O}(2; \{8^6, 2^2\})$	335544320
24	$\mathcal{O}(2; \{12, 8^2, 4, 3^2, 2^3\})$	10616832
24	$\mathcal{O}(2; \{12, 8^2, 4^3, 3^2\})$	42467328

Continued on next page

Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(2; \{12, 8^2, 6, 4, 2^4\})$	10616832
24	$\mathcal{O}(2; \{12, 8^2, 6, 4, 3^3\})$	53084160
24	$\mathcal{O}(2; \{12, 8^2, 6, 4^3, 2\})$	42467328
24	$\mathcal{O}(2; \{12, 8^2, 6^2, 4, 3, 2\})$	31850496
24	$\mathcal{O}(2; \{12, 8^4, 3^2, 2\})$	84934656
24	$\mathcal{O}(2; \{12, 8^4, 6, 2^2\})$	84934656
24	$\mathcal{O}(2; \{12^2, 8^2, 3, 2^4\})$	10616832
24	$\mathcal{O}(2; \{12^2, 8^2, 3^4\})$	116785152
24	$\mathcal{O}(2; \{12^2, 8^2, 4^2, 3, 2\})$	42467328
24	$\mathcal{O}(2; \{12^2, 8^2, 6, 3^2, 2\})$	53084160
24	$\mathcal{O}(2; \{12^2, 8^2, 6^2, 2^2\})$	31850496
24	$\mathcal{O}(2; \{12^3, 8^2, 4, 2^2\})$	42467328
24	$\mathcal{O}(2; \{12^3, 8^4\})$	339738624
24	$\mathcal{O}(2; \{12^4, 8^2, 6\})$	212336640
24	$\mathcal{O}(2; \{24, 8, 4, 3, 2^6\})$	5308416
24	$\mathcal{O}(2; \{24, 8, 4, 3^4, 2^2\})$	26542080
24	$\mathcal{O}(2; \{24, 8, 4^3, 3, 2^3\})$	21233664
24	$\mathcal{O}(2; \{24, 8, 4^5, 3\})$	84934656
24	$\mathcal{O}(2; \{24, 8, 6, 4, 3^2, 2^3\})$	15925248
24	$\mathcal{O}(2; \{24, 8, 6, 4^3, 3^2\})$	63700992
24	$\mathcal{O}(2; \{24, 8, 6^2, 4, 2^4\})$	5308416
24	$\mathcal{O}(2; \{24, 8, 6^2, 4, 3^3\})$	58392576
24	$\mathcal{O}(2; \{24, 8, 6^2, 4^3, 2\})$	21233664
24	$\mathcal{O}(2; \{24, 8, 6^3, 4, 3, 2\})$	26542080
24	$\mathcal{O}(2; \{24, 8^3, 3, 2^4\})$	42467328
24	$\mathcal{O}(2; \{24, 8^3, 3^4\})$	212336640
24	$\mathcal{O}(2; \{24, 8^3, 4^2, 3, 2\})$	169869312
24	$\mathcal{O}(2; \{24, 8^3, 6, 3^2, 2\})$	127401984
24	$\mathcal{O}(2; \{24, 8^3, 6^2, 2^2\})$	42467328
24	$\mathcal{O}(2; \{24, 12, 8, 2^7\})$	5308416
24	$\mathcal{O}(2; \{24, 12, 8, 3^3, 2^3\})$	26542080
24	$\mathcal{O}(2; \{24, 12, 8, 4^2, 2^4\})$	21233664
24	$\mathcal{O}(2; \{24, 12, 8, 4^2, 3^3\})$	106168320
24	$\mathcal{O}(2; \{24, 12, 8, 4^4, 2\})$	84934656
24	$\mathcal{O}(2; \{24, 12, 8, 6, 3, 2^4\})$	15925248
24	$\mathcal{O}(2; \{24, 12, 8, 6, 3^4\})$	111476736
24	$\mathcal{O}(2; \{24, 12, 8, 6, 4^2, 3, 2\})$	63700992
24	$\mathcal{O}(2; \{24, 12, 8, 6^2, 3^2, 2\})$	58392576
24	$\mathcal{O}(2; \{24, 12, 8, 6^3, 2^2\})$	26542080
24	$\mathcal{O}(2; \{24, 12, 8^3, 4, 2^2\})$	169869312
24	$\mathcal{O}(2; \{24, 12, 8^5\})$	1358954496
24	$\mathcal{O}(2; \{24, 12^2, 8, 4, 3^2, 2\})$	106168320
24	$\mathcal{O}(2; \{24, 12^2, 8, 6, 4, 2^2\})$	63700992

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(2; \{24, 12^2, 8^3, 6\})$	509607936
24	$\mathcal{O}(2; \{24, 12^3, 8, 3, 2^2\})$	106168320
24	$\mathcal{O}(2; \{24, 12^3, 8, 6^2\})$	233570304
24	$\mathcal{O}(2; \{24, 12^4, 8, 4\})$	424673280
24	$\mathcal{O}(2; \{24^2, 3^2, 2^6\})$	7962624
24	$\mathcal{O}(2; \{24^2, 3^5, 2^2\})$	55738368
24	$\mathcal{O}(2; \{24^2, 4^2, 3^2, 2^3\})$	31850496
24	$\mathcal{O}(2; \{24^2, 4^4, 3^2\})$	127401984
24	$\mathcal{O}(2; \{24^2, 6, 2^7\})$	2654208
24	$\mathcal{O}(2; \{24^2, 6, 3^3, 2^3\})$	29196288
24	$\mathcal{O}(2; \{24^2, 6, 4^2, 2^4\})$	10616832
24	$\mathcal{O}(2; \{24^2, 6, 4^2, 3^3\})$	116785152
24	$\mathcal{O}(2; \{24^2, 6, 4^4, 2\})$	42467328
24	$\mathcal{O}(2; \{24^2, 6^2, 3, 2^4\})$	13271040
24	$\mathcal{O}(2; \{24^2, 6^2, 3^4\})$	114130944
24	$\mathcal{O}(2; \{24^2, 6^2, 4^2, 3, 2\})$	53084160
24	$\mathcal{O}(2; \{24^2, 6^3, 3^2, 2\})$	55738368
24	$\mathcal{O}(2; \{24^2, 6^4, 2^2\})$	29196288
24	$\mathcal{O}(2; \{24^2, 8^2, 4, 3^2, 2\})$	254803968
24	$\mathcal{O}(2; \{24^2, 8^2, 6, 4, 2^2\})$	84934656
24	$\mathcal{O}(2; \{24^2, 8^4, 6\})$	679477248
24	$\mathcal{O}(2; \{24^2, 12, 4, 3, 2^4\})$	31850496
24	$\mathcal{O}(2; \{24^2, 12, 4, 3^4\})$	222953472
24	$\mathcal{O}(2; \{24^2, 12, 4^3, 3, 2\})$	127401984
24	$\mathcal{O}(2; \{24^2, 12, 6, 4, 3^2, 2\})$	116785152
24	$\mathcal{O}(2; \{24^2, 12, 6^2, 4, 2^2\})$	53084160
24	$\mathcal{O}(2; \{24^2, 12, 8^2, 3, 2^2\})$	254803968
24	$\mathcal{O}(2; \{24^2, 12, 8^2, 6^2\})$	424673280
24	$\mathcal{O}(2; \{24^2, 12^2, 2^5\})$	31850496
24	$\mathcal{O}(2; \{24^2, 12^2, 3^3, 2\})$	222953472
24	$\mathcal{O}(2; \{24^2, 12^2, 4^2, 2^2\})$	127401984
24	$\mathcal{O}(2; \{24^2, 12^2, 6, 3, 2^2\})$	116785152
24	$\mathcal{O}(2; \{24^2, 12^2, 6^3\})$	222953472
24	$\mathcal{O}(2; \{24^2, 12^2, 8^2, 4\})$	1019215872
24	$\mathcal{O}(2; \{24^2, 12^3, 6, 4\})$	467140608
24	$\mathcal{O}(2; \{24^2, 12^4, 3\})$	891813888
24	$\mathcal{O}(2; \{24^3, 8, 2^5\})$	42467328
24	$\mathcal{O}(2; \{24^3, 8, 3^3, 2\})$	467140608
24	$\mathcal{O}(2; \{24^3, 8, 4^2, 2^2\})$	169869312
24	$\mathcal{O}(2; \{24^3, 8, 6, 3, 2^2\})$	212336640
24	$\mathcal{O}(2; \{24^3, 8, 6^3\})$	467140608
24	$\mathcal{O}(2; \{24^3, 8^3, 4\})$	1358954496
24	$\mathcal{O}(2; \{24^3, 12, 8, 6, 4\})$	849346560

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(2; \{24^3, 12^2, 8, 3\})$	1868562432
24	$\mathcal{O}(2; \{24^4, 4, 3, 2^2\})$	424673280
24	$\mathcal{O}(2; \{24^4, 6^2, 4\})$	934281216
24	$\mathcal{O}(2; \{24^4, 8^2, 3\})$	3397386240
24	$\mathcal{O}(2; \{24^4, 12, 2^3\})$	424673280
24	$\mathcal{O}(2; \{24^4, 12, 4^2\})$	1698693120
24	$\mathcal{O}(2; \{24^4, 12, 6, 3\})$	1783627776
24	$\mathcal{O}(2; \{24^6, 2\})$	7474249728
24	$\mathcal{O}(1; \{8^2, 2^{13}\})$	2048
24	$\mathcal{O}(1; \{8^2, 3^3, 2^9\})$	4608
24	$\mathcal{O}(1; \{8^2, 3^6, 2^5\})$	50688
24	$\mathcal{O}(1; \{8^2, 3^9, 2\})$	391680
24	$\mathcal{O}(1; \{8^2, 4^2, 2^{10}\})$	8192
24	$\mathcal{O}(1; \{8^2, 4^2, 3^3, 2^6\})$	18432
24	$\mathcal{O}(1; \{8^2, 4^2, 3^6, 2^2\})$	202752
24	$\mathcal{O}(1; \{8^2, 4^4, 2^7\})$	32768
24	$\mathcal{O}(1; \{8^2, 4^4, 3^3, 2^3\})$	73728
24	$\mathcal{O}(1; \{8^2, 4^6, 2^4\})$	131072
24	$\mathcal{O}(1; \{8^2, 4^6, 3^3\})$	294912
24	$\mathcal{O}(1; \{8^2, 4^8, 2\})$	524288
24	$\mathcal{O}(1; \{8^2, 6, 3, 2^{10}\})$	4608
24	$\mathcal{O}(1; \{8^2, 6, 3^4, 2^6\})$	23040
24	$\mathcal{O}(1; \{8^2, 6, 3^7, 2^2\})$	198144
24	$\mathcal{O}(1; \{8^2, 6, 4^2, 3, 2^7\})$	18432
24	$\mathcal{O}(1; \{8^2, 6, 4^2, 3^4, 2^3\})$	92160
24	$\mathcal{O}(1; \{8^2, 6, 4^4, 3, 2^4\})$	73728
24	$\mathcal{O}(1; \{8^2, 6, 4^4, 3^4\})$	368640
24	$\mathcal{O}(1; \{8^2, 6, 4^6, 3, 2\})$	294912
24	$\mathcal{O}(1; \{8^2, 6^2, 3^2, 2^7\})$	13824
24	$\mathcal{O}(1; \{8^2, 6^2, 3^5, 2^3\})$	96768
24	$\mathcal{O}(1; \{8^2, 6^2, 4^2, 3^2, 2^4\})$	55296
24	$\mathcal{O}(1; \{8^2, 6^2, 4^2, 3^5\})$	387072
24	$\mathcal{O}(1; \{8^2, 6^2, 4^4, 3^2, 2\})$	221184
24	$\mathcal{O}(1; \{8^2, 6^3, 2^8\})$	4608
24	$\mathcal{O}(1; \{8^2, 6^3, 3^3, 2^4\})$	50688
24	$\mathcal{O}(1; \{8^2, 6^3, 3^6\})$	391680
24	$\mathcal{O}(1; \{8^2, 6^3, 4^2, 2^5\})$	18432
24	$\mathcal{O}(1; \{8^2, 6^3, 4^2, 3^3, 2\})$	202752
24	$\mathcal{O}(1; \{8^2, 6^3, 4^4, 2^2\})$	73728
24	$\mathcal{O}(1; \{8^2, 6^4, 3, 2^5\})$	23040
24	$\mathcal{O}(1; \{8^2, 6^4, 3^4, 2\})$	198144
24	$\mathcal{O}(1; \{8^2, 6^4, 4^2, 3, 2^2\})$	92160
24	$\mathcal{O}(1; \{8^2, 6^5, 3^2, 2^2\})$	96768

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{8^2, 6^6, 2^3\})$	50688
24	$\mathcal{O}(1; \{8^2, 6^6, 4^2\})$	202752
24	$\mathcal{O}(1; \{8^2, 6^7, 3\})$	198144
24	$\mathcal{O}(1; \{8^4, 4, 2^8\})$	65536
24	$\mathcal{O}(1; \{8^4, 4, 3^3, 2^4\})$	147456
24	$\mathcal{O}(1; \{8^4, 4, 3^6\})$	1622016
24	$\mathcal{O}(1; \{8^4, 4^3, 2^5\})$	262144
24	$\mathcal{O}(1; \{8^4, 4^3, 3^3, 2\})$	589824
24	$\mathcal{O}(1; \{8^4, 4^5, 2^2\})$	1048576
24	$\mathcal{O}(1; \{8^4, 6, 4, 3, 2^5\})$	147456
24	$\mathcal{O}(1; \{8^4, 6, 4, 3^4, 2\})$	737280
24	$\mathcal{O}(1; \{8^4, 6, 4^3, 3, 2^2\})$	589824
24	$\mathcal{O}(1; \{8^4, 6^2, 4, 3^2, 2^2\})$	442368
24	$\mathcal{O}(1; \{8^4, 6^3, 4, 2^3\})$	147456
24	$\mathcal{O}(1; \{8^4, 6^3, 4^3\})$	589824
24	$\mathcal{O}(1; \{8^4, 6^4, 4, 3\})$	737280
24	$\mathcal{O}(1; \{8^6, 2^6\})$	524288
24	$\mathcal{O}(1; \{8^6, 3^3, 2^2\})$	1179648
24	$\mathcal{O}(1; \{8^6, 4^2, 2^3\})$	2097152
24	$\mathcal{O}(1; \{8^6, 4^4\})$	8388608
24	$\mathcal{O}(1; \{8^6, 6, 3, 2^3\})$	1179648
24	$\mathcal{O}(1; \{8^6, 6, 4^2, 3\})$	4718592
24	$\mathcal{O}(1; \{8^6, 6^2, 3^2\})$	3538944
24	$\mathcal{O}(1; \{8^6, 6^3, 2\})$	1179648
24	$\mathcal{O}(1; \{8^8, 4, 2\})$	16777216
24	$\mathcal{O}(1; \{12, 8^2, 4, 3^2, 2^7\})$	18432
24	$\mathcal{O}(1; \{12, 8^2, 4, 3^5, 2^3\})$	202752
24	$\mathcal{O}(1; \{12, 8^2, 4^3, 3^2, 2^4\})$	73728
24	$\mathcal{O}(1; \{12, 8^2, 4^3, 3^5\})$	811008
24	$\mathcal{O}(1; \{12, 8^2, 4^5, 3^2, 2\})$	294912
24	$\mathcal{O}(1; \{12, 8^2, 6, 4, 2^8\})$	18432
24	$\mathcal{O}(1; \{12, 8^2, 6, 4, 3^3, 2^4\})$	92160
24	$\mathcal{O}(1; \{12, 8^2, 6, 4, 3^6\})$	792576
24	$\mathcal{O}(1; \{12, 8^2, 6, 4^3, 2^5\})$	73728
24	$\mathcal{O}(1; \{12, 8^2, 6, 4^3, 3^3, 2\})$	368640
24	$\mathcal{O}(1; \{12, 8^2, 6, 4^5, 2^2\})$	294912
24	$\mathcal{O}(1; \{12, 8^2, 6^2, 4, 3, 2^5\})$	55296
24	$\mathcal{O}(1; \{12, 8^2, 6^2, 4, 3^4, 2\})$	387072
24	$\mathcal{O}(1; \{12, 8^2, 6^2, 4^3, 3, 2^2\})$	221184
24	$\mathcal{O}(1; \{12, 8^2, 6^3, 4, 3^2, 2^2\})$	202752
24	$\mathcal{O}(1; \{12, 8^2, 6^4, 4, 2^3\})$	92160
24	$\mathcal{O}(1; \{12, 8^2, 6^4, 4^3\})$	368640
24	$\mathcal{O}(1; \{12, 8^2, 6^5, 4, 3\})$	387072

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{12, 8^4, 3^2, 2^5\})$	147456
24	$\mathcal{O}(1; \{12, 8^4, 3^5, 2\})$	1622016
24	$\mathcal{O}(1; \{12, 8^4, 4^2, 3^2, 2^2\})$	589824
24	$\mathcal{O}(1; \{12, 8^4, 6, 2^6\})$	147456
24	$\mathcal{O}(1; \{12, 8^4, 6, 3^3, 2^2\})$	737280
24	$\mathcal{O}(1; \{12, 8^4, 6, 4^2, 2^3\})$	589824
24	$\mathcal{O}(1; \{12, 8^4, 6, 4^4\})$	2359296
24	$\mathcal{O}(1; \{12, 8^4, 6^2, 3, 2^3\})$	442368
24	$\mathcal{O}(1; \{12, 8^4, 6^2, 4^2, 3\})$	1769472
24	$\mathcal{O}(1; \{12, 8^4, 6^3, 3^2\})$	1622016
24	$\mathcal{O}(1; \{12, 8^4, 6^4, 2\})$	737280
24	$\mathcal{O}(1; \{12, 8^6, 4, 3^2\})$	4718592
24	$\mathcal{O}(1; \{12, 8^6, 6, 4, 2\})$	4718592
24	$\mathcal{O}(1; \{12^2, 8^2, 3, 2^8\})$	18432
24	$\mathcal{O}(1; \{12^2, 8^2, 3^4, 2^4\})$	202752
24	$\mathcal{O}(1; \{12^2, 8^2, 3^7\})$	1566720
24	$\mathcal{O}(1; \{12^2, 8^2, 4^2, 3, 2^5\})$	73728
24	$\mathcal{O}(1; \{12^2, 8^2, 4^2, 3^4, 2\})$	811008
24	$\mathcal{O}(1; \{12^2, 8^2, 4^4, 3, 2^2\})$	294912
24	$\mathcal{O}(1; \{12^2, 8^2, 6, 3^2, 2^5\})$	92160
24	$\mathcal{O}(1; \{12^2, 8^2, 6, 3^5, 2\})$	792576
24	$\mathcal{O}(1; \{12^2, 8^2, 6, 4^2, 3^2, 2^2\})$	368640
24	$\mathcal{O}(1; \{12^2, 8^2, 6^2, 2^6\})$	55296
24	$\mathcal{O}(1; \{12^2, 8^2, 6^2, 3^3, 2^2\})$	387072
24	$\mathcal{O}(1; \{12^2, 8^2, 6^2, 4^2, 2^3\})$	221184
24	$\mathcal{O}(1; \{12^2, 8^2, 6^2, 4^4\})$	884736
24	$\mathcal{O}(1; \{12^2, 8^2, 6^3, 3, 2^3\})$	202752
24	$\mathcal{O}(1; \{12^2, 8^2, 6^3, 4^2, 3\})$	811008
24	$\mathcal{O}(1; \{12^2, 8^2, 6^4, 3^2\})$	792576
24	$\mathcal{O}(1; \{12^2, 8^2, 6^5, 2\})$	387072
24	$\mathcal{O}(1; \{12^2, 8^4, 4, 3, 2^3\})$	589824
24	$\mathcal{O}(1; \{12^2, 8^4, 4^3, 3\})$	2359296
24	$\mathcal{O}(1; \{12^2, 8^4, 6, 4, 3^2\})$	2949120
24	$\mathcal{O}(1; \{12^2, 8^4, 6^2, 4, 2\})$	1769472
24	$\mathcal{O}(1; \{12^2, 8^6, 3, 2\})$	4718592
24	$\mathcal{O}(1; \{12^3, 8^2, 4, 2^6\})$	73728
24	$\mathcal{O}(1; \{12^3, 8^2, 4, 3^3, 2^2\})$	811008
24	$\mathcal{O}(1; \{12^3, 8^2, 4^3, 2^3\})$	294912
24	$\mathcal{O}(1; \{12^3, 8^2, 4^5\})$	1179648
24	$\mathcal{O}(1; \{12^3, 8^2, 6, 4, 3, 2^3\})$	368640
24	$\mathcal{O}(1; \{12^3, 8^2, 6, 4^3, 3\})$	1474560
24	$\mathcal{O}(1; \{12^3, 8^2, 6^2, 4, 3^2\})$	1548288
24	$\mathcal{O}(1; \{12^3, 8^2, 6^3, 4, 2\})$	811008

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{12^3, 8^4, 2^4\})$	589824
24	$\mathcal{O}(1; \{12^3, 8^4, 3^3\})$	6488064
24	$\mathcal{O}(1; \{12^3, 8^4, 4^2, 2\})$	2359296
24	$\mathcal{O}(1; \{12^3, 8^4, 6, 3, 2\})$	2949120
24	$\mathcal{O}(1; \{12^4, 8^2, 3^2, 2^3\})$	811008
24	$\mathcal{O}(1; \{12^4, 8^2, 4^2, 3^2\})$	3244032
24	$\mathcal{O}(1; \{12^4, 8^2, 6, 2^4\})$	368640
24	$\mathcal{O}(1; \{12^4, 8^2, 6, 3^3\})$	3170304
24	$\mathcal{O}(1; \{12^4, 8^2, 6, 4^2, 2\})$	1474560
24	$\mathcal{O}(1; \{12^4, 8^2, 6^2, 3, 2\})$	1548288
24	$\mathcal{O}(1; \{12^5, 8^2, 4, 3, 2\})$	3244032
24	$\mathcal{O}(1; \{12^6, 8^2, 2^2\})$	3244032
24	$\mathcal{O}(1; \{24, 8, 4, 3, 2^{10}\})$	9216
24	$\mathcal{O}(1; \{24, 8, 4, 3^4, 2^6\})$	46080
24	$\mathcal{O}(1; \{24, 8, 4, 3^7, 2^2\})$	396288
24	$\mathcal{O}(1; \{24, 8, 4^3, 3, 2^7\})$	36864
24	$\mathcal{O}(1; \{24, 8, 4^3, 3^4, 2^3\})$	184320
24	$\mathcal{O}(1; \{24, 8, 4^5, 3, 2^4\})$	147456
24	$\mathcal{O}(1; \{24, 8, 4^5, 3^4\})$	737280
24	$\mathcal{O}(1; \{24, 8, 4^7, 3, 2\})$	589824
24	$\mathcal{O}(1; \{24, 8, 6, 4, 3^2, 2^7\})$	27648
24	$\mathcal{O}(1; \{24, 8, 6, 4, 3^5, 2^3\})$	193536
24	$\mathcal{O}(1; \{24, 8, 6, 4^3, 3^2, 2^4\})$	110592
24	$\mathcal{O}(1; \{24, 8, 6, 4^3, 3^5\})$	774144
24	$\mathcal{O}(1; \{24, 8, 6, 4^5, 3^2, 2\})$	442368
24	$\mathcal{O}(1; \{24, 8, 6^2, 4, 2^8\})$	9216
24	$\mathcal{O}(1; \{24, 8, 6^2, 4, 3^3, 2^4\})$	101376
24	$\mathcal{O}(1; \{24, 8, 6^2, 4, 3^6\})$	783360
24	$\mathcal{O}(1; \{24, 8, 6^2, 4^3, 2^5\})$	36864
24	$\mathcal{O}(1; \{24, 8, 6^2, 4^3, 3^3, 2\})$	405504
24	$\mathcal{O}(1; \{24, 8, 6^2, 4^5, 2^2\})$	147456
24	$\mathcal{O}(1; \{24, 8, 6^3, 4, 3, 2^5\})$	46080
24	$\mathcal{O}(1; \{24, 8, 6^3, 4, 3^4, 2\})$	396288
24	$\mathcal{O}(1; \{24, 8, 6^3, 4^3, 3, 2^2\})$	184320
24	$\mathcal{O}(1; \{24, 8, 6^4, 4, 3^2, 2^2\})$	193536
24	$\mathcal{O}(1; \{24, 8, 6^5, 4, 2^3\})$	101376
24	$\mathcal{O}(1; \{24, 8, 6^5, 4^3\})$	405504
24	$\mathcal{O}(1; \{24, 8, 6^6, 4, 3\})$	396288
24	$\mathcal{O}(1; \{24, 8^3, 3, 2^8\})$	73728
24	$\mathcal{O}(1; \{24, 8^3, 3^4, 2^4\})$	368640
24	$\mathcal{O}(1; \{24, 8^3, 3^7\})$	3170304
24	$\mathcal{O}(1; \{24, 8^3, 4^2, 3, 2^5\})$	294912
24	$\mathcal{O}(1; \{24, 8^3, 4^2, 3^4, 2\})$	1474560

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24, 8^3, 4^4, 3, 2^2\})$	1179648
24	$\mathcal{O}(1; \{24, 8^3, 6, 3^2, 2^5\})$	221184
24	$\mathcal{O}(1; \{24, 8^3, 6, 3^5, 2\})$	1548288
24	$\mathcal{O}(1; \{24, 8^3, 6, 4^2, 3^2, 2^2\})$	884736
24	$\mathcal{O}(1; \{24, 8^3, 6^2, 2^6\})$	73728
24	$\mathcal{O}(1; \{24, 8^3, 6^2, 3^3, 2^2\})$	811008
24	$\mathcal{O}(1; \{24, 8^3, 6^2, 4^2, 2^3\})$	294912
24	$\mathcal{O}(1; \{24, 8^3, 6^2, 4^4\})$	1179648
24	$\mathcal{O}(1; \{24, 8^3, 6^3, 3, 2^3\})$	368640
24	$\mathcal{O}(1; \{24, 8^3, 6^3, 4^2, 3\})$	1474560
24	$\mathcal{O}(1; \{24, 8^3, 6^4, 3^2\})$	1548288
24	$\mathcal{O}(1; \{24, 8^3, 6^5, 2\})$	811008
24	$\mathcal{O}(1; \{24, 8^5, 4, 3, 2^3\})$	2359296
24	$\mathcal{O}(1; \{24, 8^5, 4^3, 3\})$	9437184
24	$\mathcal{O}(1; \{24, 8^5, 6, 4, 3^2\})$	7077888
24	$\mathcal{O}(1; \{24, 8^5, 6^2, 4, 2\})$	2359296
24	$\mathcal{O}(1; \{24, 8^7, 3, 2\})$	18874368
24	$\mathcal{O}(1; \{24, 12, 8, 2^{11}\})$	9216
24	$\mathcal{O}(1; \{24, 12, 8, 3^3, 2^7\})$	46080
24	$\mathcal{O}(1; \{24, 12, 8, 3^6, 2^3\})$	396288
24	$\mathcal{O}(1; \{24, 12, 8, 4^2, 2^8\})$	36864
24	$\mathcal{O}(1; \{24, 12, 8, 4^2, 3^3, 2^4\})$	184320
24	$\mathcal{O}(1; \{24, 12, 8, 4^2, 3^6\})$	1585152
24	$\mathcal{O}(1; \{24, 12, 8, 4^4, 2^5\})$	147456
24	$\mathcal{O}(1; \{24, 12, 8, 4^4, 3^3, 2\})$	737280
24	$\mathcal{O}(1; \{24, 12, 8, 4^6, 2^2\})$	589824
24	$\mathcal{O}(1; \{24, 12, 8, 6, 3, 2^8\})$	27648
24	$\mathcal{O}(1; \{24, 12, 8, 6, 3^4, 2^4\})$	193536
24	$\mathcal{O}(1; \{24, 12, 8, 6, 3^7\})$	1575936
24	$\mathcal{O}(1; \{24, 12, 8, 6, 4^2, 3, 2^5\})$	110592
24	$\mathcal{O}(1; \{24, 12, 8, 6, 4^2, 3^4, 2\})$	774144
24	$\mathcal{O}(1; \{24, 12, 8, 6, 4^4, 3, 2^2\})$	442368
24	$\mathcal{O}(1; \{24, 12, 8, 6^2, 3^2, 2^5\})$	101376
24	$\mathcal{O}(1; \{24, 12, 8, 6^2, 3^5, 2\})$	783360
24	$\mathcal{O}(1; \{24, 12, 8, 6^2, 4^2, 3^2, 2^2\})$	405504
24	$\mathcal{O}(1; \{24, 12, 8, 6^3, 2^6\})$	46080
24	$\mathcal{O}(1; \{24, 12, 8, 6^3, 3^3, 2^2\})$	396288
24	$\mathcal{O}(1; \{24, 12, 8, 6^3, 4^2, 2^3\})$	184320
24	$\mathcal{O}(1; \{24, 12, 8, 6^3, 4^4\})$	737280
24	$\mathcal{O}(1; \{24, 12, 8, 6^4, 3, 2^3\})$	193536
24	$\mathcal{O}(1; \{24, 12, 8, 6^4, 4^2, 3\})$	774144
24	$\mathcal{O}(1; \{24, 12, 8, 6^5, 3^2\})$	783360
24	$\mathcal{O}(1; \{24, 12, 8, 6^6, 2\})$	396288

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24, 12, 8^3, 4, 2^6\})$	294912
24	$\mathcal{O}(1; \{24, 12, 8^3, 4, 3^3, 2^2\})$	1474560
24	$\mathcal{O}(1; \{24, 12, 8^3, 4^3, 2^3\})$	1179648
24	$\mathcal{O}(1; \{24, 12, 8^3, 4^5\})$	4718592
24	$\mathcal{O}(1; \{24, 12, 8^3, 6, 4, 3, 2^3\})$	884736
24	$\mathcal{O}(1; \{24, 12, 8^3, 6, 4^3, 3\})$	3538944
24	$\mathcal{O}(1; \{24, 12, 8^3, 6^2, 4, 3^2\})$	3244032
24	$\mathcal{O}(1; \{24, 12, 8^3, 6^3, 4, 2\})$	1474560
24	$\mathcal{O}(1; \{24, 12, 8^5, 2^4\})$	2359296
24	$\mathcal{O}(1; \{24, 12, 8^5, 3^3\})$	11796480
24	$\mathcal{O}(1; \{24, 12, 8^5, 4^2, 2\})$	9437184
24	$\mathcal{O}(1; \{24, 12, 8^5, 6, 3, 2\})$	7077888
24	$\mathcal{O}(1; \{24, 12^2, 8, 4, 3^2, 2^5\})$	184320
24	$\mathcal{O}(1; \{24, 12^2, 8, 4, 3^5, 2\})$	1585152
24	$\mathcal{O}(1; \{24, 12^2, 8, 4^3, 3^2, 2^2\})$	737280
24	$\mathcal{O}(1; \{24, 12^2, 8, 6, 4, 2^6\})$	110592
24	$\mathcal{O}(1; \{24, 12^2, 8, 6, 4, 3^3, 2^2\})$	774144
24	$\mathcal{O}(1; \{24, 12^2, 8, 6, 4^3, 2^3\})$	442368
24	$\mathcal{O}(1; \{24, 12^2, 8, 6, 4^5\})$	1769472
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^2, 4, 3, 2^3\})$	405504
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^2, 4^3, 3\})$	1622016
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^3, 4, 3^2\})$	1585152
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^4, 4, 2\})$	774144
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 3^2, 2^3\})$	1474560
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 4^2, 3^2\})$	5898240
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 6, 2^4\})$	884736
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 6, 3^3\})$	6193152
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 6, 4^2, 2\})$	3538944
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 6^2, 3, 2\})$	3244032
24	$\mathcal{O}(1; \{24, 12^3, 8, 3, 2^6\})$	184320
24	$\mathcal{O}(1; \{24, 12^3, 8, 3^4, 2^2\})$	1585152
24	$\mathcal{O}(1; \{24, 12^3, 8, 4^2, 3, 2^3\})$	737280
24	$\mathcal{O}(1; \{24, 12^3, 8, 4^4, 3\})$	2949120
24	$\mathcal{O}(1; \{24, 12^3, 8, 6, 3^2, 2^3\})$	774144
24	$\mathcal{O}(1; \{24, 12^3, 8, 6, 4^2, 3^2\})$	3096576
24	$\mathcal{O}(1; \{24, 12^3, 8, 6^2, 2^4\})$	405504
24	$\mathcal{O}(1; \{24, 12^3, 8, 6^2, 3^3\})$	3133440
24	$\mathcal{O}(1; \{24, 12^3, 8, 6^2, 4^2, 2\})$	1622016
24	$\mathcal{O}(1; \{24, 12^3, 8, 6^3, 3, 2\})$	1585152
24	$\mathcal{O}(1; \{24, 12^3, 8^3, 4, 3, 2\})$	5898240
24	$\mathcal{O}(1; \{24, 12^4, 8, 4, 2^4\})$	737280
24	$\mathcal{O}(1; \{24, 12^4, 8, 4, 3^3\})$	6340608
24	$\mathcal{O}(1; \{24, 12^4, 8, 4^3, 2\})$	2949120

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24, 12^4, 8, 6, 4, 3, 2\})$	3096576
24	$\mathcal{O}(1; \{24, 12^4, 8^3, 2^2\})$	5898240
24	$\mathcal{O}(1; \{24, 12^5, 8, 3^2, 2\})$	6340608
24	$\mathcal{O}(1; \{24, 12^5, 8, 6, 2^2\})$	3096576
24	$\mathcal{O}(1; \{24, 12^7, 8\})$	25362432
24	$\mathcal{O}(1; \{24^2, 3^2, 2^{10}\})$	13824
24	$\mathcal{O}(1; \{24^2, 3^5, 2^6\})$	96768
24	$\mathcal{O}(1; \{24^2, 3^8, 2^2\})$	787968
24	$\mathcal{O}(1; \{24^2, 4^2, 3^2, 2^7\})$	55296
24	$\mathcal{O}(1; \{24^2, 4^2, 3^5, 2^3\})$	387072
24	$\mathcal{O}(1; \{24^2, 4^4, 3^2, 2^4\})$	221184
24	$\mathcal{O}(1; \{24^2, 4^4, 3^5\})$	1548288
24	$\mathcal{O}(1; \{24^2, 4^6, 3^2, 2\})$	884736
24	$\mathcal{O}(1; \{24^2, 6, 2^{11}\})$	4608
24	$\mathcal{O}(1; \{24^2, 6, 3^3, 2^7\})$	50688
24	$\mathcal{O}(1; \{24^2, 6, 3^6, 2^3\})$	391680
24	$\mathcal{O}(1; \{24^2, 6, 4^2, 2^8\})$	18432
24	$\mathcal{O}(1; \{24^2, 6, 4^2, 3^3, 2^4\})$	202752
24	$\mathcal{O}(1; \{24^2, 6, 4^2, 3^6\})$	1566720
24	$\mathcal{O}(1; \{24^2, 6, 4^4, 2^5\})$	73728
24	$\mathcal{O}(1; \{24^2, 6, 4^4, 3^3, 2\})$	811008
24	$\mathcal{O}(1; \{24^2, 6, 4^6, 2^2\})$	294912
24	$\mathcal{O}(1; \{24^2, 6^2, 3, 2^8\})$	23040
24	$\mathcal{O}(1; \{24^2, 6^2, 3^4, 2^4\})$	198144
24	$\mathcal{O}(1; \{24^2, 6^2, 3^7\})$	1571328
24	$\mathcal{O}(1; \{24^2, 6^2, 4^2, 3, 2^5\})$	92160
24	$\mathcal{O}(1; \{24^2, 6^2, 4^2, 3^4, 2\})$	792576
24	$\mathcal{O}(1; \{24^2, 6^2, 4^4, 3, 2^2\})$	368640
24	$\mathcal{O}(1; \{24^2, 6^3, 3^2, 2^5\})$	96768
24	$\mathcal{O}(1; \{24^2, 6^3, 3^5, 2\})$	787968
24	$\mathcal{O}(1; \{24^2, 6^3, 4^2, 3^2, 2^2\})$	387072
24	$\mathcal{O}(1; \{24^2, 6^4, 2^6\})$	50688
24	$\mathcal{O}(1; \{24^2, 6^4, 3^3, 2^2\})$	391680
24	$\mathcal{O}(1; \{24^2, 6^4, 4^2, 2^3\})$	202752
24	$\mathcal{O}(1; \{24^2, 6^4, 4^4\})$	811008
24	$\mathcal{O}(1; \{24^2, 6^5, 3, 2^3\})$	198144
24	$\mathcal{O}(1; \{24^2, 6^5, 4^2, 3\})$	792576
24	$\mathcal{O}(1; \{24^2, 6^6, 3^2\})$	787968
24	$\mathcal{O}(1; \{24^2, 6^7, 2\})$	391680
24	$\mathcal{O}(1; \{24^2, 8^2, 4, 3^2, 2^5\})$	442368
24	$\mathcal{O}(1; \{24^2, 8^2, 4, 3^5, 2\})$	3096576
24	$\mathcal{O}(1; \{24^2, 8^2, 4^3, 3^2, 2^2\})$	1769472
24	$\mathcal{O}(1; \{24^2, 8^2, 6, 4, 2^6\})$	147456

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^2, 8^2, 6, 4, 3^3, 2^2\})$	1622016
24	$\mathcal{O}(1; \{24^2, 8^2, 6, 4^3, 2^3\})$	589824
24	$\mathcal{O}(1; \{24^2, 8^2, 6, 4^5\})$	2359296
24	$\mathcal{O}(1; \{24^2, 8^2, 6^2, 4, 3, 2^3\})$	737280
24	$\mathcal{O}(1; \{24^2, 8^2, 6^2, 4^3, 3\})$	2949120
24	$\mathcal{O}(1; \{24^2, 8^2, 6^3, 4, 3^2\})$	3096576
24	$\mathcal{O}(1; \{24^2, 8^2, 6^4, 4, 2\})$	1622016
24	$\mathcal{O}(1; \{24^2, 8^4, 3^2, 2^3\})$	3538944
24	$\mathcal{O}(1; \{24^2, 8^4, 4^2, 3^2\})$	14155776
24	$\mathcal{O}(1; \{24^2, 8^4, 6, 2^4\})$	1179648
24	$\mathcal{O}(1; \{24^2, 8^4, 6, 3^3\})$	12976128
24	$\mathcal{O}(1; \{24^2, 8^4, 6, 4^2, 2\})$	4718592
24	$\mathcal{O}(1; \{24^2, 8^4, 6^2, 3, 2\})$	5898240
24	$\mathcal{O}(1; \{24^2, 12, 4, 3, 2^8\})$	55296
24	$\mathcal{O}(1; \{24^2, 12, 4, 3^4, 2^4\})$	387072
24	$\mathcal{O}(1; \{24^2, 12, 4, 3^7\})$	3151872
24	$\mathcal{O}(1; \{24^2, 12, 4^3, 3, 2^5\})$	221184
24	$\mathcal{O}(1; \{24^2, 12, 4^3, 3^4, 2\})$	1548288
24	$\mathcal{O}(1; \{24^2, 12, 4^5, 3, 2^2\})$	884736
24	$\mathcal{O}(1; \{24^2, 12, 6, 4, 3^2, 2^5\})$	202752
24	$\mathcal{O}(1; \{24^2, 12, 6, 4, 3^5, 2\})$	1566720
24	$\mathcal{O}(1; \{24^2, 12, 6, 4^3, 3^2, 2^2\})$	811008
24	$\mathcal{O}(1; \{24^2, 12, 6^2, 4, 2^6\})$	92160
24	$\mathcal{O}(1; \{24^2, 12, 6^2, 4, 3^3, 2^2\})$	792576
24	$\mathcal{O}(1; \{24^2, 12, 6^2, 4^3, 2^3\})$	368640
24	$\mathcal{O}(1; \{24^2, 12, 6^2, 4^5\})$	1474560
24	$\mathcal{O}(1; \{24^2, 12, 6^3, 4, 3, 2^3\})$	387072
24	$\mathcal{O}(1; \{24^2, 12, 6^3, 4^3, 3\})$	1548288
24	$\mathcal{O}(1; \{24^2, 12, 6^4, 4, 3^2\})$	1566720
24	$\mathcal{O}(1; \{24^2, 12, 6^5, 4, 2\})$	792576
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 3, 2^6\})$	442368
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 3^4, 2^2\})$	3096576
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 4^2, 3, 2^3\})$	1769472
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 4^4, 3\})$	7077888
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6, 3^2, 2^3\})$	1622016
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6, 4^2, 3^2\})$	6488064
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6^2, 2^4\})$	737280
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6^2, 3^3\})$	6340608
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6^2, 4^2, 2\})$	2949120
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6^3, 3, 2\})$	3096576
24	$\mathcal{O}(1; \{24^2, 12, 8^4, 4, 3, 2\})$	14155776
24	$\mathcal{O}(1; \{24^2, 12^2, 2^9\})$	55296
24	$\mathcal{O}(1; \{24^2, 12^2, 3^3, 2^5\})$	387072

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^2, 12^2, 3^6, 2\})$	3151872
24	$\mathcal{O}(1; \{24^2, 12^2, 4^2, 2^6\})$	221184
24	$\mathcal{O}(1; \{24^2, 12^2, 4^2, 3^3, 2^2\})$	1548288
24	$\mathcal{O}(1; \{24^2, 12^2, 4^4, 2^3\})$	884736
24	$\mathcal{O}(1; \{24^2, 12^2, 4^6\})$	3538944
24	$\mathcal{O}(1; \{24^2, 12^2, 6, 3, 2^6\})$	202752
24	$\mathcal{O}(1; \{24^2, 12^2, 6, 3^4, 2^2\})$	1566720
24	$\mathcal{O}(1; \{24^2, 12^2, 6, 4^2, 3, 2^3\})$	811008
24	$\mathcal{O}(1; \{24^2, 12^2, 6, 4^4, 3\})$	3244032
24	$\mathcal{O}(1; \{24^2, 12^2, 6^2, 3^2, 2^3\})$	792576
24	$\mathcal{O}(1; \{24^2, 12^2, 6^2, 4^2, 3^2\})$	3170304
24	$\mathcal{O}(1; \{24^2, 12^2, 6^3, 2^4\})$	387072
24	$\mathcal{O}(1; \{24^2, 12^2, 6^3, 3^3\})$	3151872
24	$\mathcal{O}(1; \{24^2, 12^2, 6^3, 4^2, 2\})$	1548288
24	$\mathcal{O}(1; \{24^2, 12^2, 6^4, 3, 2\})$	1566720
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 4, 2^4\})$	1769472
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 4, 3^3\})$	12386304
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 4^3, 2\})$	7077888
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 6, 4, 3, 2\})$	6488064
24	$\mathcal{O}(1; \{24^2, 12^2, 8^4, 2^2\})$	14155776
24	$\mathcal{O}(1; \{24^2, 12^3, 4, 3^2, 2^3\})$	1548288
24	$\mathcal{O}(1; \{24^2, 12^3, 4^3, 3^2\})$	6193152
24	$\mathcal{O}(1; \{24^2, 12^3, 6, 4, 2^4\})$	811008
24	$\mathcal{O}(1; \{24^2, 12^3, 6, 4, 3^3\})$	6266880
24	$\mathcal{O}(1; \{24^2, 12^3, 6, 4^3, 2\})$	3244032
24	$\mathcal{O}(1; \{24^2, 12^3, 6^2, 4, 3, 2\})$	3170304
24	$\mathcal{O}(1; \{24^2, 12^3, 8^2, 3^2, 2\})$	12386304
24	$\mathcal{O}(1; \{24^2, 12^3, 8^2, 6, 2^2\})$	6488064
24	$\mathcal{O}(1; \{24^2, 12^4, 3, 2^4\})$	1548288
24	$\mathcal{O}(1; \{24^2, 12^4, 3^4\})$	12607488
24	$\mathcal{O}(1; \{24^2, 12^4, 4^2, 3, 2\})$	6193152
24	$\mathcal{O}(1; \{24^2, 12^4, 6, 3^2, 2\})$	6266880
24	$\mathcal{O}(1; \{24^2, 12^4, 6^2, 2^2\})$	3170304
24	$\mathcal{O}(1; \{24^2, 12^5, 4, 2^2\})$	6193152
24	$\mathcal{O}(1; \{24^2, 12^5, 8^2\})$	49545216
24	$\mathcal{O}(1; \{24^2, 12^6, 6\})$	25067520
24	$\mathcal{O}(1; \{24^3, 8, 2^9\})$	73728
24	$\mathcal{O}(1; \{24^3, 8, 3^3, 2^5\})$	811008
24	$\mathcal{O}(1; \{24^3, 8, 3^6, 2\})$	6266880
24	$\mathcal{O}(1; \{24^3, 8, 4^2, 2^6\})$	294912
24	$\mathcal{O}(1; \{24^3, 8, 4^2, 3^3, 2^2\})$	3244032
24	$\mathcal{O}(1; \{24^3, 8, 4^4, 2^3\})$	1179648
24	$\mathcal{O}(1; \{24^3, 8, 4^6\})$	4718592

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^3, 8, 6, 3, 2^6\})$	368640
24	$\mathcal{O}(1; \{24^3, 8, 6, 3^4, 2^2\})$	3170304
24	$\mathcal{O}(1; \{24^3, 8, 6, 4^2, 3, 2^3\})$	1474560
24	$\mathcal{O}(1; \{24^3, 8, 6, 4^4, 3\})$	5898240
24	$\mathcal{O}(1; \{24^3, 8, 6^2, 3^2, 2^3\})$	1548288
24	$\mathcal{O}(1; \{24^3, 8, 6^2, 4^2, 3^2\})$	6193152
24	$\mathcal{O}(1; \{24^3, 8, 6^3, 2^4\})$	811008
24	$\mathcal{O}(1; \{24^3, 8, 6^3, 3^3\})$	6266880
24	$\mathcal{O}(1; \{24^3, 8, 6^3, 4^2, 2\})$	3244032
24	$\mathcal{O}(1; \{24^3, 8, 6^4, 3, 2\})$	3170304
24	$\mathcal{O}(1; \{24^3, 8^3, 4, 2^4\})$	2359296
24	$\mathcal{O}(1; \{24^3, 8^3, 4, 3^3\})$	25952256
24	$\mathcal{O}(1; \{24^3, 8^3, 4^3, 2\})$	9437184
24	$\mathcal{O}(1; \{24^3, 8^3, 6, 4, 3, 2\})$	11796480
24	$\mathcal{O}(1; \{24^3, 8^5, 2^2\})$	18874368
24	$\mathcal{O}(1; \{24^3, 12, 8, 4, 3^2, 2^3\})$	3244032
24	$\mathcal{O}(1; \{24^3, 12, 8, 4^3, 3^2\})$	12976128
24	$\mathcal{O}(1; \{24^3, 12, 8, 6, 4, 2^4\})$	1474560
24	$\mathcal{O}(1; \{24^3, 12, 8, 6, 4, 3^3\})$	12681216
24	$\mathcal{O}(1; \{24^3, 12, 8, 6, 4^3, 2\})$	5898240
24	$\mathcal{O}(1; \{24^3, 12, 8, 6^2, 4, 3, 2\})$	6193152
24	$\mathcal{O}(1; \{24^3, 12, 8^3, 3^2, 2\})$	25952256
24	$\mathcal{O}(1; \{24^3, 12, 8^3, 6, 2^2\})$	11796480
24	$\mathcal{O}(1; \{24^3, 12^2, 8, 3, 2^4\})$	3244032
24	$\mathcal{O}(1; \{24^3, 12^2, 8, 3^4\})$	25067520
24	$\mathcal{O}(1; \{24^3, 12^2, 8, 4^2, 3, 2\})$	12976128
24	$\mathcal{O}(1; \{24^3, 12^2, 8, 6, 3^2, 2\})$	12681216
24	$\mathcal{O}(1; \{24^3, 12^2, 8, 6^2, 2^2\})$	6193152
24	$\mathcal{O}(1; \{24^3, 12^3, 8, 4, 2^2\})$	12976128
24	$\mathcal{O}(1; \{24^3, 12^3, 8^3\})$	103809024
24	$\mathcal{O}(1; \{24^3, 12^4, 8, 6\})$	50724864
24	$\mathcal{O}(1; \{24^4, 4, 3, 2^6\})$	737280
24	$\mathcal{O}(1; \{24^4, 4, 3^4, 2^2\})$	6340608
24	$\mathcal{O}(1; \{24^4, 4^3, 3, 2^3\})$	2949120
24	$\mathcal{O}(1; \{24^4, 4^5, 3\})$	11796480
24	$\mathcal{O}(1; \{24^4, 6, 4, 3^2, 2^3\})$	3096576
24	$\mathcal{O}(1; \{24^4, 6, 4^3, 3^2\})$	12386304
24	$\mathcal{O}(1; \{24^4, 6^2, 4, 2^4\})$	1622016
24	$\mathcal{O}(1; \{24^4, 6^2, 4, 3^3\})$	12533760
24	$\mathcal{O}(1; \{24^4, 6^2, 4^3, 2\})$	6488064
24	$\mathcal{O}(1; \{24^4, 6^3, 4, 3, 2\})$	6340608
24	$\mathcal{O}(1; \{24^4, 8^2, 3, 2^4\})$	5898240
24	$\mathcal{O}(1; \{24^4, 8^2, 3^4\})$	50724864

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^4, 8^2, 4^2, 3, 2\})$	23592960
24	$\mathcal{O}(1; \{24^4, 8^2, 6, 3^2, 2\})$	24772608
24	$\mathcal{O}(1; \{24^4, 8^2, 6^2, 2^2\})$	12976128
24	$\mathcal{O}(1; \{24^4, 12, 2^7\})$	737280
24	$\mathcal{O}(1; \{24^4, 12, 3^3, 2^3\})$	6340608
24	$\mathcal{O}(1; \{24^4, 12, 4^2, 2^4\})$	2949120
24	$\mathcal{O}(1; \{24^4, 12, 4^2, 3^3\})$	25362432
24	$\mathcal{O}(1; \{24^4, 12, 4^4, 2\})$	11796480
24	$\mathcal{O}(1; \{24^4, 12, 6, 3, 2^4\})$	3096576
24	$\mathcal{O}(1; \{24^4, 12, 6, 3^4\})$	25214976
24	$\mathcal{O}(1; \{24^4, 12, 6, 4^2, 3, 2\})$	12386304
24	$\mathcal{O}(1; \{24^4, 12, 6^2, 3^2, 2\})$	12533760
24	$\mathcal{O}(1; \{24^4, 12, 6^3, 2^2\})$	6340608
24	$\mathcal{O}(1; \{24^4, 12, 8^2, 4, 2^2\})$	23592960
24	$\mathcal{O}(1; \{24^4, 12, 8^4\})$	188743680
24	$\mathcal{O}(1; \{24^4, 12^2, 4, 3^2, 2\})$	25362432
24	$\mathcal{O}(1; \{24^4, 12^2, 6, 4, 2^2\})$	12386304
24	$\mathcal{O}(1; \{24^4, 12^2, 8^2, 6\})$	99090432
24	$\mathcal{O}(1; \{24^4, 12^3, 3, 2^2\})$	25362432
24	$\mathcal{O}(1; \{24^4, 12^3, 6^2\})$	50135040
24	$\mathcal{O}(1; \{24^4, 12^4, 4\})$	101449728
24	$\mathcal{O}(1; \{24^5, 8, 4, 3^2, 2\})$	49545216
24	$\mathcal{O}(1; \{24^5, 8, 6, 4, 2^2\})$	25952256
24	$\mathcal{O}(1; \{24^5, 8^3, 6\})$	207618048
24	$\mathcal{O}(1; \{24^5, 12, 8, 3, 2^2\})$	49545216
24	$\mathcal{O}(1; \{24^5, 12, 8, 6^2\})$	101449728
24	$\mathcal{O}(1; \{24^5, 12^2, 8, 4\})$	198180864
24	$\mathcal{O}(1; \{24^6, 2^5\})$	12976128
24	$\mathcal{O}(1; \{24^6, 3^3, 2\})$	100270080
24	$\mathcal{O}(1; \{24^6, 4^2, 2^2\})$	51904512
24	$\mathcal{O}(1; \{24^6, 6, 3, 2^2\})$	50724864
24	$\mathcal{O}(1; \{24^6, 6^3\})$	100270080
24	$\mathcal{O}(1; \{24^6, 8^2, 4\})$	415236096
24	$\mathcal{O}(1; \{24^6, 12, 6, 4\})$	202899456
24	$\mathcal{O}(1; \{24^6, 12^2, 3\})$	401080320
24	$\mathcal{O}(1; \{24^7, 8, 3\})$	811597824
24	$\mathcal{O}(0; \{8^2, 3^3, 2^{13}\})$	8
24	$\mathcal{O}(0; \{8^2, 3^6, 2^9\})$	88
24	$\mathcal{O}(0; \{8^2, 3^9, 2^5\})$	680
24	$\mathcal{O}(0; \{8^2, 3^{12}, 2\})$	5464
24	$\mathcal{O}(0; \{8^2, 4^2, 3^3, 2^{10}\})$	32
24	$\mathcal{O}(0; \{8^2, 4^2, 3^6, 2^6\})$	352
24	$\mathcal{O}(0; \{8^2, 4^2, 3^9, 2^2\})$	2720

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{8^2, 4^4, 3^3, 2^7\})$	128
24	$\mathcal{O}(0; \{8^2, 4^4, 3^6, 2^3\})$	1408
24	$\mathcal{O}(0; \{8^2, 4^6, 3^3, 2^4\})$	512
24	$\mathcal{O}(0; \{8^2, 4^6, 3^6\})$	5632
24	$\mathcal{O}(0; \{8^2, 4^8, 3^3, 2\})$	2048
24	$\mathcal{O}(0; \{8^2, 6, 3, 2^{14}\})$	8
24	$\mathcal{O}(0; \{8^2, 6, 3^4, 2^{10}\})$	40
24	$\mathcal{O}(0; \{8^2, 6, 3^7, 2^6\})$	344
24	$\mathcal{O}(0; \{8^2, 6, 3^{10}, 2^2\})$	2728
24	$\mathcal{O}(0; \{8^2, 6, 4^2, 3, 2^{11}\})$	32
24	$\mathcal{O}(0; \{8^2, 6, 4^2, 3^4, 2^7\})$	160
24	$\mathcal{O}(0; \{8^2, 6, 4^2, 3^7, 2^3\})$	1376
24	$\mathcal{O}(0; \{8^2, 6, 4^4, 3, 2^8\})$	128
24	$\mathcal{O}(0; \{8^2, 6, 4^4, 3^4, 2^4\})$	640
24	$\mathcal{O}(0; \{8^2, 6, 4^4, 3^7\})$	5504
24	$\mathcal{O}(0; \{8^2, 6, 4^6, 3, 2^5\})$	512
24	$\mathcal{O}(0; \{8^2, 6, 4^6, 3^4, 2\})$	2560
24	$\mathcal{O}(0; \{8^2, 6, 4^8, 3, 2^2\})$	2048
24	$\mathcal{O}(0; \{8^2, 6^2, 3^2, 2^{11}\})$	24
24	$\mathcal{O}(0; \{8^2, 6^2, 3^5, 2^7\})$	168
24	$\mathcal{O}(0; \{8^2, 6^2, 3^8, 2^3\})$	1368
24	$\mathcal{O}(0; \{8^2, 6^2, 4^2, 3^2, 2^8\})$	96
24	$\mathcal{O}(0; \{8^2, 6^2, 4^2, 3^5, 2^4\})$	672
24	$\mathcal{O}(0; \{8^2, 6^2, 4^2, 3^8\})$	5472
24	$\mathcal{O}(0; \{8^2, 6^2, 4^4, 3^2, 2^5\})$	384
24	$\mathcal{O}(0; \{8^2, 6^2, 4^4, 3^5, 2\})$	2688
24	$\mathcal{O}(0; \{8^2, 6^2, 4^6, 3^2, 2^2\})$	1536
24	$\mathcal{O}(0; \{8^2, 6^3, 2^{12}\})$	8
24	$\mathcal{O}(0; \{8^2, 6^3, 3^3, 2^8\})$	88
24	$\mathcal{O}(0; \{8^2, 6^3, 3^6, 2^4\})$	680
24	$\mathcal{O}(0; \{8^2, 6^3, 3^9\})$	5464
24	$\mathcal{O}(0; \{8^2, 6^3, 4^2, 2^9\})$	32
24	$\mathcal{O}(0; \{8^2, 6^3, 4^2, 3^3, 2^5\})$	352
24	$\mathcal{O}(0; \{8^2, 6^3, 4^2, 3^6, 2\})$	2720
24	$\mathcal{O}(0; \{8^2, 6^3, 4^4, 2^6\})$	128
24	$\mathcal{O}(0; \{8^2, 6^3, 4^4, 3^3, 2^2\})$	1408
24	$\mathcal{O}(0; \{8^2, 6^3, 4^6, 2^3\})$	512
24	$\mathcal{O}(0; \{8^2, 6^3, 4^8\})$	2048
24	$\mathcal{O}(0; \{8^2, 6^4, 3, 2^9\})$	40
24	$\mathcal{O}(0; \{8^2, 6^4, 3^4, 2^5\})$	344
24	$\mathcal{O}(0; \{8^2, 6^4, 3^7, 2\})$	2728
24	$\mathcal{O}(0; \{8^2, 6^4, 4^2, 3, 2^6\})$	160
24	$\mathcal{O}(0; \{8^2, 6^4, 4^2, 3^4, 2^2\})$	1376

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{8^2, 6^4, 4^4, 3, 2^3\})$	640
24	$\mathcal{O}(0; \{8^2, 6^4, 4^6, 3\})$	2560
24	$\mathcal{O}(0; \{8^2, 6^5, 3^2, 2^6\})$	168
24	$\mathcal{O}(0; \{8^2, 6^5, 3^5, 2^2\})$	1368
24	$\mathcal{O}(0; \{8^2, 6^5, 4^2, 3^2, 2^3\})$	672
24	$\mathcal{O}(0; \{8^2, 6^5, 4^4, 3^2\})$	2688
24	$\mathcal{O}(0; \{8^2, 6^6, 2^7\})$	88
24	$\mathcal{O}(0; \{8^2, 6^6, 3^3, 2^3\})$	680
24	$\mathcal{O}(0; \{8^2, 6^6, 4^2, 2^4\})$	352
24	$\mathcal{O}(0; \{8^2, 6^6, 4^2, 3^3\})$	2720
24	$\mathcal{O}(0; \{8^2, 6^6, 4^4, 2\})$	1408
24	$\mathcal{O}(0; \{8^2, 6^7, 3, 2^4\})$	344
24	$\mathcal{O}(0; \{8^2, 6^7, 3^4\})$	2728
24	$\mathcal{O}(0; \{8^2, 6^7, 4^2, 3, 2\})$	1376
24	$\mathcal{O}(0; \{8^2, 6^8, 3^2, 2\})$	1368
24	$\mathcal{O}(0; \{8^2, 6^9, 2^2\})$	680
24	$\mathcal{O}(0; \{8^4, 4, 3^3, 2^8\})$	256
24	$\mathcal{O}(0; \{8^4, 4, 3^6, 2^4\})$	2816
24	$\mathcal{O}(0; \{8^4, 4, 3^9\})$	21760
24	$\mathcal{O}(0; \{8^4, 4^3, 3^3, 2^5\})$	1024
24	$\mathcal{O}(0; \{8^4, 4^3, 3^6, 2\})$	11264
24	$\mathcal{O}(0; \{8^4, 4^5, 3^3, 2^2\})$	4096
24	$\mathcal{O}(0; \{8^4, 6, 4, 3, 2^9\})$	256
24	$\mathcal{O}(0; \{8^4, 6, 4, 3^4, 2^5\})$	1280
24	$\mathcal{O}(0; \{8^4, 6, 4, 3^7, 2\})$	11008
24	$\mathcal{O}(0; \{8^4, 6, 4^3, 3, 2^6\})$	1024
24	$\mathcal{O}(0; \{8^4, 6, 4^3, 3^4, 2^2\})$	5120
24	$\mathcal{O}(0; \{8^4, 6, 4^5, 3, 2^3\})$	4096
24	$\mathcal{O}(0; \{8^4, 6, 4^7, 3\})$	16384
24	$\mathcal{O}(0; \{8^4, 6^2, 4, 3^2, 2^6\})$	768
24	$\mathcal{O}(0; \{8^4, 6^2, 4, 3^5, 2^2\})$	5376
24	$\mathcal{O}(0; \{8^4, 6^2, 4^3, 3^2, 2^3\})$	3072
24	$\mathcal{O}(0; \{8^4, 6^2, 4^5, 3^2\})$	12288
24	$\mathcal{O}(0; \{8^4, 6^3, 4, 2^7\})$	256
24	$\mathcal{O}(0; \{8^4, 6^3, 4, 3^3, 2^3\})$	2816
24	$\mathcal{O}(0; \{8^4, 6^3, 4^3, 2^4\})$	1024
24	$\mathcal{O}(0; \{8^4, 6^3, 4^3, 3^3\})$	11264
24	$\mathcal{O}(0; \{8^4, 6^3, 4^5, 2\})$	4096
24	$\mathcal{O}(0; \{8^4, 6^4, 4, 3, 2^4\})$	1280
24	$\mathcal{O}(0; \{8^4, 6^4, 4, 3^4\})$	11008
24	$\mathcal{O}(0; \{8^4, 6^4, 4^3, 3, 2\})$	5120
24	$\mathcal{O}(0; \{8^4, 6^5, 4, 3^2, 2\})$	5376
24	$\mathcal{O}(0; \{8^4, 6^6, 4, 2^2\})$	2816

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{8^6, 3^3, 2^6\})$	2048
24	$\mathcal{O}(0; \{8^6, 3^6, 2^2\})$	22528
24	$\mathcal{O}(0; \{8^6, 4^2, 3^3, 2^3\})$	8192
24	$\mathcal{O}(0; \{8^6, 4^4, 3^3\})$	32768
24	$\mathcal{O}(0; \{8^6, 6, 3, 2^7\})$	2048
24	$\mathcal{O}(0; \{8^6, 6, 3^4, 2^3\})$	10240
24	$\mathcal{O}(0; \{8^6, 6, 4^2, 3, 2^4\})$	8192
24	$\mathcal{O}(0; \{8^6, 6, 4^2, 3^4\})$	40960
24	$\mathcal{O}(0; \{8^6, 6, 4^4, 3, 2\})$	32768
24	$\mathcal{O}(0; \{8^6, 6^2, 3^2, 2^4\})$	6144
24	$\mathcal{O}(0; \{8^6, 6^2, 3^5\})$	43008
24	$\mathcal{O}(0; \{8^6, 6^2, 4^2, 3^2, 2\})$	24576
24	$\mathcal{O}(0; \{8^6, 6^3, 2^5\})$	2048
24	$\mathcal{O}(0; \{8^6, 6^3, 3^3, 2\})$	22528
24	$\mathcal{O}(0; \{8^6, 6^3, 4^2, 2^2\})$	8192
24	$\mathcal{O}(0; \{8^6, 6^4, 3, 2^2\})$	10240
24	$\mathcal{O}(0; \{8^6, 6^6\})$	22528
24	$\mathcal{O}(0; \{8^8, 4, 3^3, 2\})$	65536
24	$\mathcal{O}(0; \{8^8, 6, 4, 3, 2^2\})$	65536
24	$\mathcal{O}(0; \{8^8, 6^3, 4\})$	65536
24	$\mathcal{O}(0; \{8^{10}, 6, 3\})$	524288
24	$\mathcal{O}(0; \{12, 8^2, 4, 3^2, 2^{11}\})$	32
24	$\mathcal{O}(0; \{12, 8^2, 4, 3^5, 2^7\})$	352
24	$\mathcal{O}(0; \{12, 8^2, 4, 3^8, 2^3\})$	2720
24	$\mathcal{O}(0; \{12, 8^2, 4^3, 3^2, 2^8\})$	128
24	$\mathcal{O}(0; \{12, 8^2, 4^3, 3^5, 2^4\})$	1408
24	$\mathcal{O}(0; \{12, 8^2, 4^3, 3^8\})$	10880
24	$\mathcal{O}(0; \{12, 8^2, 4^5, 3^2, 2^5\})$	512
24	$\mathcal{O}(0; \{12, 8^2, 4^5, 3^5, 2\})$	5632
24	$\mathcal{O}(0; \{12, 8^2, 4^7, 3^2, 2^2\})$	2048
24	$\mathcal{O}(0; \{12, 8^2, 6, 4, 2^{12}\})$	32
24	$\mathcal{O}(0; \{12, 8^2, 6, 4, 3^3, 2^8\})$	160
24	$\mathcal{O}(0; \{12, 8^2, 6, 4, 3^6, 2^4\})$	1376
24	$\mathcal{O}(0; \{12, 8^2, 6, 4, 3^9\})$	10912
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^3, 2^9\})$	128
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^3, 3^3, 2^5\})$	640
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^3, 3^6, 2\})$	5504
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^5, 2^6\})$	512
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^5, 3^3, 2^2\})$	2560
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^7, 2^3\})$	2048
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^9\})$	8192
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4, 3, 2^9\})$	96
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4, 3^4, 2^5\})$	672

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4, 3^7, 2\})$	5472
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^3, 3, 2^6\})$	384
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^3, 3^4, 2^2\})$	2688
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^5, 3, 2^3\})$	1536
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^7, 3\})$	6144
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4, 3^2, 2^6\})$	352
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4, 3^5, 2^2\})$	2720
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4^3, 3^2, 2^3\})$	1408
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4^5, 3^2\})$	5632
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 4, 2^7\})$	160
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 4, 3^3, 2^3\})$	1376
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 4^3, 2^4\})$	640
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 4^3, 3^3\})$	5504
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 4^5, 2\})$	2560
24	$\mathcal{O}(0; \{12, 8^2, 6^5, 4, 3, 2^4\})$	672
24	$\mathcal{O}(0; \{12, 8^2, 6^5, 4, 3^4\})$	5472
24	$\mathcal{O}(0; \{12, 8^2, 6^5, 4^3, 3, 2\})$	2688
24	$\mathcal{O}(0; \{12, 8^2, 6^6, 4, 3^2, 2\})$	2720
24	$\mathcal{O}(0; \{12, 8^2, 6^7, 4, 2^2\})$	1376
24	$\mathcal{O}(0; \{12, 8^4, 3^2, 2^9\})$	256
24	$\mathcal{O}(0; \{12, 8^4, 3^5, 2^5\})$	2816
24	$\mathcal{O}(0; \{12, 8^4, 3^8, 2\})$	21760
24	$\mathcal{O}(0; \{12, 8^4, 4^2, 3^2, 2^6\})$	1024
24	$\mathcal{O}(0; \{12, 8^4, 4^2, 3^5, 2^2\})$	11264
24	$\mathcal{O}(0; \{12, 8^4, 4^4, 3^2, 2^3\})$	4096
24	$\mathcal{O}(0; \{12, 8^4, 4^6, 3^2\})$	16384
24	$\mathcal{O}(0; \{12, 8^4, 6, 2^{10}\})$	256
24	$\mathcal{O}(0; \{12, 8^4, 6, 3^3, 2^6\})$	1280
24	$\mathcal{O}(0; \{12, 8^4, 6, 3^6, 2^2\})$	11008
24	$\mathcal{O}(0; \{12, 8^4, 6, 4^2, 2^7\})$	1024
24	$\mathcal{O}(0; \{12, 8^4, 6, 4^2, 3^3, 2^3\})$	5120
24	$\mathcal{O}(0; \{12, 8^4, 6, 4^4, 2^4\})$	4096
24	$\mathcal{O}(0; \{12, 8^4, 6, 4^4, 3^3\})$	20480
24	$\mathcal{O}(0; \{12, 8^4, 6, 4^6, 2\})$	16384
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 3, 2^7\})$	768
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 3^4, 2^3\})$	5376
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 4^2, 3, 2^4\})$	3072
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 4^2, 3^4\})$	21504
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 4^4, 3, 2\})$	12288
24	$\mathcal{O}(0; \{12, 8^4, 6^3, 3^2, 2^4\})$	2816
24	$\mathcal{O}(0; \{12, 8^4, 6^3, 3^5\})$	21760
24	$\mathcal{O}(0; \{12, 8^4, 6^3, 4^2, 3^2, 2\})$	11264
24	$\mathcal{O}(0; \{12, 8^4, 6^4, 2^5\})$	1280

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_{\mathcal{O}}(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12, 8^4, 6^4, 3^3, 2\})$	11008
24	$\mathcal{O}(0; \{12, 8^4, 6^4, 4^2, 2^2\})$	5120
24	$\mathcal{O}(0; \{12, 8^4, 6^5, 3, 2^2\})$	5376
24	$\mathcal{O}(0; \{12, 8^4, 6^7\})$	11008
24	$\mathcal{O}(0; \{12, 8^6, 4, 3^2, 2^4\})$	8192
24	$\mathcal{O}(0; \{12, 8^6, 4, 3^5\})$	90112
24	$\mathcal{O}(0; \{12, 8^6, 4^3, 3^2, 2\})$	32768
24	$\mathcal{O}(0; \{12, 8^6, 6, 4, 2^5\})$	8192
24	$\mathcal{O}(0; \{12, 8^6, 6, 4, 3^3, 2\})$	40960
24	$\mathcal{O}(0; \{12, 8^6, 6, 4^3, 2^2\})$	32768
24	$\mathcal{O}(0; \{12, 8^6, 6^2, 4, 3, 2^2\})$	24576
24	$\mathcal{O}(0; \{12, 8^6, 6^4, 4\})$	40960
24	$\mathcal{O}(0; \{12, 8^8, 3^2, 2^2\})$	65536
24	$\mathcal{O}(0; \{12, 8^8, 6, 2^3\})$	65536
24	$\mathcal{O}(0; \{12, 8^8, 6, 4^2\})$	262144
24	$\mathcal{O}(0; \{12, 8^8, 6^2, 3\})$	196608
24	$\mathcal{O}(0; \{12^2, 8^2, 3, 2^{12}\})$	32
24	$\mathcal{O}(0; \{12^2, 8^2, 3^4, 2^8\})$	352
24	$\mathcal{O}(0; \{12^2, 8^2, 3^7, 2^4\})$	2720
24	$\mathcal{O}(0; \{12^2, 8^2, 3^{10}\})$	21856
24	$\mathcal{O}(0; \{12^2, 8^2, 4^2, 3, 2^9\})$	128
24	$\mathcal{O}(0; \{12^2, 8^2, 4^2, 3^4, 2^5\})$	1408
24	$\mathcal{O}(0; \{12^2, 8^2, 4^2, 3^7, 2\})$	10880
24	$\mathcal{O}(0; \{12^2, 8^2, 4^4, 3, 2^6\})$	512
24	$\mathcal{O}(0; \{12^2, 8^2, 4^4, 3^4, 2^2\})$	5632
24	$\mathcal{O}(0; \{12^2, 8^2, 4^6, 3, 2^3\})$	2048
24	$\mathcal{O}(0; \{12^2, 8^2, 4^8, 3\})$	8192
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 3^2, 2^9\})$	160
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 3^5, 2^5\})$	1376
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 3^8, 2\})$	10912
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^2, 3^2, 2^6\})$	640
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^2, 3^5, 2^2\})$	5504
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^4, 3^2, 2^3\})$	2560
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^6, 3^2\})$	10240
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 2^{10}\})$	96
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 3^3, 2^6\})$	672
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 3^6, 2^2\})$	5472
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4^2, 2^7\})$	384
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4^2, 3^3, 2^3\})$	2688
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4^4, 2^4\})$	1536
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4^4, 3^3\})$	10752
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4^6, 2\})$	6144
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 3, 2^7\})$	352

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 3^4, 2^3\})$	2720
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 4^2, 3, 2^4\})$	1408
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 4^2, 3^4\})$	10880
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 4^4, 3, 2\})$	5632
24	$\mathcal{O}(0; \{12^2, 8^2, 6^4, 3^2, 2^4\})$	1376
24	$\mathcal{O}(0; \{12^2, 8^2, 6^4, 3^5\})$	10912
24	$\mathcal{O}(0; \{12^2, 8^2, 6^4, 4^2, 3^2, 2\})$	5504
24	$\mathcal{O}(0; \{12^2, 8^2, 6^5, 2^5\})$	672
24	$\mathcal{O}(0; \{12^2, 8^2, 6^5, 3^3, 2\})$	5472
24	$\mathcal{O}(0; \{12^2, 8^2, 6^5, 4^2, 2^2\})$	2688
24	$\mathcal{O}(0; \{12^2, 8^2, 6^6, 3, 2^2\})$	2720
24	$\mathcal{O}(0; \{12^2, 8^2, 6^8\})$	5472
24	$\mathcal{O}(0; \{12^2, 8^4, 4, 3, 2^7\})$	1024
24	$\mathcal{O}(0; \{12^2, 8^4, 4, 3^4, 2^3\})$	11264
24	$\mathcal{O}(0; \{12^2, 8^4, 4^3, 3, 2^4\})$	4096
24	$\mathcal{O}(0; \{12^2, 8^4, 4^3, 3^4\})$	45056
24	$\mathcal{O}(0; \{12^2, 8^4, 4^5, 3, 2\})$	16384
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 4, 3^2, 2^4\})$	5120
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 4, 3^5\})$	44032
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 4^3, 3^2, 2\})$	20480
24	$\mathcal{O}(0; \{12^2, 8^4, 6^2, 4, 2^5\})$	3072
24	$\mathcal{O}(0; \{12^2, 8^4, 6^2, 4, 3^3, 2\})$	21504
24	$\mathcal{O}(0; \{12^2, 8^4, 6^2, 4^3, 2^2\})$	12288
24	$\mathcal{O}(0; \{12^2, 8^4, 6^3, 4, 3, 2^2\})$	11264
24	$\mathcal{O}(0; \{12^2, 8^4, 6^5, 4\})$	21504
24	$\mathcal{O}(0; \{12^2, 8^6, 3, 2^5\})$	8192
24	$\mathcal{O}(0; \{12^2, 8^6, 3^4, 2\})$	90112
24	$\mathcal{O}(0; \{12^2, 8^6, 4^2, 3, 2^2\})$	32768
24	$\mathcal{O}(0; \{12^2, 8^6, 6, 3^2, 2^2\})$	40960
24	$\mathcal{O}(0; \{12^2, 8^6, 6^2, 2^3\})$	24576
24	$\mathcal{O}(0; \{12^2, 8^6, 6^2, 4^2\})$	98304
24	$\mathcal{O}(0; \{12^2, 8^6, 6^3, 3\})$	90112
24	$\mathcal{O}(0; \{12^2, 8^8, 4, 3\})$	262144
24	$\mathcal{O}(0; \{12^3, 8^2, 4, 2^{10}\})$	128
24	$\mathcal{O}(0; \{12^3, 8^2, 4, 3^3, 2^6\})$	1408
24	$\mathcal{O}(0; \{12^3, 8^2, 4, 3^6, 2^2\})$	10880
24	$\mathcal{O}(0; \{12^3, 8^2, 4^3, 2^7\})$	512
24	$\mathcal{O}(0; \{12^3, 8^2, 4^3, 3^3, 2^3\})$	5632
24	$\mathcal{O}(0; \{12^3, 8^2, 4^5, 2^4\})$	2048
24	$\mathcal{O}(0; \{12^3, 8^2, 4^5, 3^3\})$	22528
24	$\mathcal{O}(0; \{12^3, 8^2, 4^7, 2\})$	8192
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4, 3, 2^7\})$	640
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4, 3^4, 2^3\})$	5504

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4^3, 3, 2^4\})$	2560
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4^3, 3^4\})$	22016
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4^5, 3, 2\})$	10240
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 4, 3^2, 2^4\})$	2688
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 4, 3^5\})$	21888
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 4^3, 3^2, 2\})$	10752
24	$\mathcal{O}(0; \{12^3, 8^2, 6^3, 4, 2^5\})$	1408
24	$\mathcal{O}(0; \{12^3, 8^2, 6^3, 4, 3^3, 2\})$	10880
24	$\mathcal{O}(0; \{12^3, 8^2, 6^3, 4^3, 2^2\})$	5632
24	$\mathcal{O}(0; \{12^3, 8^2, 6^4, 4, 3, 2^2\})$	5504
24	$\mathcal{O}(0; \{12^3, 8^2, 6^6, 4\})$	10880
24	$\mathcal{O}(0; \{12^3, 8^4, 2^8\})$	1024
24	$\mathcal{O}(0; \{12^3, 8^4, 3^3, 2^4\})$	11264
24	$\mathcal{O}(0; \{12^3, 8^4, 3^6\})$	87040
24	$\mathcal{O}(0; \{12^3, 8^4, 4^2, 2^5\})$	4096
24	$\mathcal{O}(0; \{12^3, 8^4, 4^2, 3^3, 2\})$	45056
24	$\mathcal{O}(0; \{12^3, 8^4, 4^4, 2^2\})$	16384
24	$\mathcal{O}(0; \{12^3, 8^4, 6, 3, 2^5\})$	5120
24	$\mathcal{O}(0; \{12^3, 8^4, 6, 3^4, 2\})$	44032
24	$\mathcal{O}(0; \{12^3, 8^4, 6, 4^2, 3, 2^2\})$	20480
24	$\mathcal{O}(0; \{12^3, 8^4, 6^2, 3^2, 2^2\})$	21504
24	$\mathcal{O}(0; \{12^3, 8^4, 6^3, 2^3\})$	11264
24	$\mathcal{O}(0; \{12^3, 8^4, 6^3, 4^2\})$	45056
24	$\mathcal{O}(0; \{12^3, 8^4, 6^4, 3\})$	44032
24	$\mathcal{O}(0; \{12^3, 8^6, 4, 2^3\})$	32768
24	$\mathcal{O}(0; \{12^3, 8^6, 4^3\})$	131072
24	$\mathcal{O}(0; \{12^3, 8^6, 6, 4, 3\})$	163840
24	$\mathcal{O}(0; \{12^3, 8^8, 2\})$	262144
24	$\mathcal{O}(0; \{12^4, 8^2, 3^2, 2^7\})$	1408
24	$\mathcal{O}(0; \{12^4, 8^2, 3^5, 2^3\})$	10880
24	$\mathcal{O}(0; \{12^4, 8^2, 4^2, 3^2, 2^4\})$	5632
24	$\mathcal{O}(0; \{12^4, 8^2, 4^2, 3^5\})$	43520
24	$\mathcal{O}(0; \{12^4, 8^2, 4^4, 3^2, 2\})$	22528
24	$\mathcal{O}(0; \{12^4, 8^2, 6, 2^8\})$	640
24	$\mathcal{O}(0; \{12^4, 8^2, 6, 3^3, 2^4\})$	5504
24	$\mathcal{O}(0; \{12^4, 8^2, 6, 3^6\})$	43648
24	$\mathcal{O}(0; \{12^4, 8^2, 6, 4^2, 2^5\})$	2560
24	$\mathcal{O}(0; \{12^4, 8^2, 6, 4^2, 3^3, 2\})$	22016
24	$\mathcal{O}(0; \{12^4, 8^2, 6, 4^4, 2^2\})$	10240
24	$\mathcal{O}(0; \{12^4, 8^2, 6^2, 3, 2^5\})$	2688
24	$\mathcal{O}(0; \{12^4, 8^2, 6^2, 3^4, 2\})$	21888
24	$\mathcal{O}(0; \{12^4, 8^2, 6^2, 4^2, 3, 2^2\})$	10752
24	$\mathcal{O}(0; \{12^4, 8^2, 6^3, 3^2, 2^2\})$	10880

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12^4, 8^2, 6^4, 2^3\})$	5504
24	$\mathcal{O}(0; \{12^4, 8^2, 6^4, 4^2\})$	22016
24	$\mathcal{O}(0; \{12^4, 8^2, 6^5, 3\})$	21888
24	$\mathcal{O}(0; \{12^4, 8^4, 4, 3^2, 2^2\})$	45056
24	$\mathcal{O}(0; \{12^4, 8^4, 6, 4, 2^3\})$	20480
24	$\mathcal{O}(0; \{12^4, 8^4, 6, 4^3\})$	81920
24	$\mathcal{O}(0; \{12^4, 8^4, 6^2, 4, 3\})$	86016
24	$\mathcal{O}(0; \{12^4, 8^6, 3^2\})$	360448
24	$\mathcal{O}(0; \{12^4, 8^6, 6, 2\})$	163840
24	$\mathcal{O}(0; \{12^5, 8^2, 4, 3, 2^5\})$	5632
24	$\mathcal{O}(0; \{12^5, 8^2, 4, 3^4, 2\})$	43520
24	$\mathcal{O}(0; \{12^5, 8^2, 4^3, 3, 2^2\})$	22528
24	$\mathcal{O}(0; \{12^5, 8^2, 6, 4, 3^2, 2^2\})$	22016
24	$\mathcal{O}(0; \{12^5, 8^2, 6^2, 4, 2^3\})$	10752
24	$\mathcal{O}(0; \{12^5, 8^2, 6^2, 4^3\})$	43008
24	$\mathcal{O}(0; \{12^5, 8^2, 6^3, 4, 3\})$	43520
24	$\mathcal{O}(0; \{12^5, 8^4, 3, 2^3\})$	45056
24	$\mathcal{O}(0; \{12^5, 8^4, 4^2, 3\})$	180224
24	$\mathcal{O}(0; \{12^5, 8^4, 6, 3^2\})$	176128
24	$\mathcal{O}(0; \{12^5, 8^4, 6^2, 2\})$	86016
24	$\mathcal{O}(0; \{12^6, 8^2, 2^6\})$	5632
24	$\mathcal{O}(0; \{12^6, 8^2, 3^3, 2^2\})$	43520
24	$\mathcal{O}(0; \{12^6, 8^2, 4^2, 2^3\})$	22528
24	$\mathcal{O}(0; \{12^6, 8^2, 4^4\})$	90112
24	$\mathcal{O}(0; \{12^6, 8^2, 6, 3, 2^3\})$	22016
24	$\mathcal{O}(0; \{12^6, 8^2, 6, 4^2, 3\})$	88064
24	$\mathcal{O}(0; \{12^6, 8^2, 6^2, 3^2\})$	87552
24	$\mathcal{O}(0; \{12^6, 8^2, 6^3, 2\})$	43520
24	$\mathcal{O}(0; \{12^6, 8^4, 4, 2\})$	180224
24	$\mathcal{O}(0; \{12^7, 8^2, 4, 3^2\})$	174080
24	$\mathcal{O}(0; \{12^7, 8^2, 6, 4, 2\})$	88064
24	$\mathcal{O}(0; \{12^8, 8^2, 3, 2\})$	174080
24	$\mathcal{O}(0; \{24, 8, 4, 3, 2^{14}\})$	16
24	$\mathcal{O}(0; \{24, 8, 4, 3^4, 2^{10}\})$	80
24	$\mathcal{O}(0; \{24, 8, 4, 3^7, 2^6\})$	688
24	$\mathcal{O}(0; \{24, 8, 4, 3^{10}, 2^2\})$	5456
24	$\mathcal{O}(0; \{24, 8, 4^3, 3, 2^{11}\})$	64
24	$\mathcal{O}(0; \{24, 8, 4^3, 3^4, 2^7\})$	320
24	$\mathcal{O}(0; \{24, 8, 4^3, 3^7, 2^3\})$	2752
24	$\mathcal{O}(0; \{24, 8, 4^5, 3, 2^8\})$	256
24	$\mathcal{O}(0; \{24, 8, 4^5, 3^4, 2^4\})$	1280
24	$\mathcal{O}(0; \{24, 8, 4^5, 3^7\})$	11008
24	$\mathcal{O}(0; \{24, 8, 4^7, 3, 2^5\})$	1024

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 8, 4^7, 3^4, 2\})$	5120
24	$\mathcal{O}(0; \{24, 8, 4^9, 3, 2^2\})$	4096
24	$\mathcal{O}(0; \{24, 8, 6, 4, 3^2, 2^{11}\})$	48
24	$\mathcal{O}(0; \{24, 8, 6, 4, 3^5, 2^7\})$	336
24	$\mathcal{O}(0; \{24, 8, 6, 4, 3^8, 2^3\})$	2736
24	$\mathcal{O}(0; \{24, 8, 6, 4^3, 3^2, 2^8\})$	192
24	$\mathcal{O}(0; \{24, 8, 6, 4^3, 3^5, 2^4\})$	1344
24	$\mathcal{O}(0; \{24, 8, 6, 4^3, 3^8\})$	10944
24	$\mathcal{O}(0; \{24, 8, 6, 4^5, 3^2, 2^5\})$	768
24	$\mathcal{O}(0; \{24, 8, 6, 4^5, 3^5, 2\})$	5376
24	$\mathcal{O}(0; \{24, 8, 6, 4^7, 3^2, 2^2\})$	3072
24	$\mathcal{O}(0; \{24, 8, 6^2, 4, 2^{12}\})$	16
24	$\mathcal{O}(0; \{24, 8, 6^2, 4, 3^3, 2^8\})$	176
24	$\mathcal{O}(0; \{24, 8, 6^2, 4, 3^6, 2^4\})$	1360
24	$\mathcal{O}(0; \{24, 8, 6^2, 4, 3^9\})$	10928
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^3, 2^9\})$	64
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^3, 3^3, 2^5\})$	704
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^3, 3^6, 2\})$	5440
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^5, 2^6\})$	256
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^5, 3^3, 2^2\})$	2816
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^7, 2^3\})$	1024
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^9\})$	4096
24	$\mathcal{O}(0; \{24, 8, 6^3, 4, 3, 2^9\})$	80
24	$\mathcal{O}(0; \{24, 8, 6^3, 4, 3^4, 2^5\})$	688
24	$\mathcal{O}(0; \{24, 8, 6^3, 4, 3^7, 2\})$	5456
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^3, 3, 2^6\})$	320
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^3, 3^4, 2^2\})$	2752
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^5, 3, 2^3\})$	1280
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^7, 3\})$	5120
24	$\mathcal{O}(0; \{24, 8, 6^4, 4, 3^2, 2^6\})$	336
24	$\mathcal{O}(0; \{24, 8, 6^4, 4, 3^5, 2^2\})$	2736
24	$\mathcal{O}(0; \{24, 8, 6^4, 4^3, 3^2, 2^3\})$	1344
24	$\mathcal{O}(0; \{24, 8, 6^4, 4^5, 3^2\})$	5376
24	$\mathcal{O}(0; \{24, 8, 6^5, 4, 2^7\})$	176
24	$\mathcal{O}(0; \{24, 8, 6^5, 4, 3^3, 2^3\})$	1360
24	$\mathcal{O}(0; \{24, 8, 6^5, 4^3, 2^4\})$	704
24	$\mathcal{O}(0; \{24, 8, 6^5, 4^3, 3^3\})$	5440
24	$\mathcal{O}(0; \{24, 8, 6^5, 4^5, 2\})$	2816
24	$\mathcal{O}(0; \{24, 8, 6^6, 4, 3, 2^4\})$	688
24	$\mathcal{O}(0; \{24, 8, 6^6, 4, 3^4\})$	5456
24	$\mathcal{O}(0; \{24, 8, 6^6, 4^3, 3, 2\})$	2752
24	$\mathcal{O}(0; \{24, 8, 6^7, 4, 3^2, 2\})$	2736
24	$\mathcal{O}(0; \{24, 8, 6^8, 4, 2^2\})$	1360

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 8^3, 3, 2^{12}\})$	128
24	$\mathcal{O}(0; \{24, 8^3, 3^4, 2^8\})$	640
24	$\mathcal{O}(0; \{24, 8^3, 3^7, 2^4\})$	5504
24	$\mathcal{O}(0; \{24, 8^3, 3^{10}\})$	43648
24	$\mathcal{O}(0; \{24, 8^3, 4^2, 3, 2^9\})$	512
24	$\mathcal{O}(0; \{24, 8^3, 4^2, 3^4, 2^5\})$	2560
24	$\mathcal{O}(0; \{24, 8^3, 4^2, 3^7, 2\})$	22016
24	$\mathcal{O}(0; \{24, 8^3, 4^4, 3, 2^6\})$	2048
24	$\mathcal{O}(0; \{24, 8^3, 4^4, 3^4, 2^2\})$	10240
24	$\mathcal{O}(0; \{24, 8^3, 4^6, 3, 2^3\})$	8192
24	$\mathcal{O}(0; \{24, 8^3, 4^8, 3\})$	32768
24	$\mathcal{O}(0; \{24, 8^3, 6, 3^2, 2^9\})$	384
24	$\mathcal{O}(0; \{24, 8^3, 6, 3^5, 2^5\})$	2688
24	$\mathcal{O}(0; \{24, 8^3, 6, 3^8, 2\})$	21888
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^2, 3^2, 2^6\})$	1536
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^2, 3^5, 2^2\})$	10752
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^4, 3^2, 2^3\})$	6144
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^6, 3^2\})$	24576
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 2^{10}\})$	128
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 3^3, 2^6\})$	1408
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 3^6, 2^2\})$	10880
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4^2, 2^7\})$	512
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4^2, 3^3, 2^3\})$	5632
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4^4, 2^4\})$	2048
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4^4, 3^3\})$	22528
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4^6, 2\})$	8192
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 3, 2^7\})$	640
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 3^4, 2^3\})$	5504
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 4^2, 3, 2^4\})$	2560
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 4^2, 3^4\})$	22016
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 4^4, 3, 2\})$	10240
24	$\mathcal{O}(0; \{24, 8^3, 6^4, 3^2, 2^4\})$	2688
24	$\mathcal{O}(0; \{24, 8^3, 6^4, 3^5\})$	21888
24	$\mathcal{O}(0; \{24, 8^3, 6^4, 4^2, 3^2, 2\})$	10752
24	$\mathcal{O}(0; \{24, 8^3, 6^5, 2^5\})$	1408
24	$\mathcal{O}(0; \{24, 8^3, 6^5, 3^3, 2\})$	10880
24	$\mathcal{O}(0; \{24, 8^3, 6^5, 4^2, 2^2\})$	5632
24	$\mathcal{O}(0; \{24, 8^3, 6^6, 3, 2^2\})$	5504
24	$\mathcal{O}(0; \{24, 8^3, 6^8\})$	10880
24	$\mathcal{O}(0; \{24, 8^5, 4, 3, 2^7\})$	4096
24	$\mathcal{O}(0; \{24, 8^5, 4, 3^4, 2^3\})$	20480
24	$\mathcal{O}(0; \{24, 8^5, 4^3, 3, 2^4\})$	16384
24	$\mathcal{O}(0; \{24, 8^5, 4^3, 3^4\})$	81920

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 8^5, 4^5, 3, 2\})$	65536
24	$\mathcal{O}(0; \{24, 8^5, 6, 4, 3^2, 2^4\})$	12288
24	$\mathcal{O}(0; \{24, 8^5, 6, 4, 3^5\})$	86016
24	$\mathcal{O}(0; \{24, 8^5, 6, 4^3, 3^2, 2\})$	49152
24	$\mathcal{O}(0; \{24, 8^5, 6^2, 4, 2^5\})$	4096
24	$\mathcal{O}(0; \{24, 8^5, 6^2, 4, 3^3, 2\})$	45056
24	$\mathcal{O}(0; \{24, 8^5, 6^2, 4^3, 2^2\})$	16384
24	$\mathcal{O}(0; \{24, 8^5, 6^3, 4, 3, 2^2\})$	20480
24	$\mathcal{O}(0; \{24, 8^5, 6^5, 4\})$	45056
24	$\mathcal{O}(0; \{24, 8^7, 3, 2^5\})$	32768
24	$\mathcal{O}(0; \{24, 8^7, 3^4, 2\})$	163840
24	$\mathcal{O}(0; \{24, 8^7, 4^2, 3, 2^2\})$	131072
24	$\mathcal{O}(0; \{24, 8^7, 6, 3^2, 2^2\})$	98304
24	$\mathcal{O}(0; \{24, 8^7, 6^2, 2^3\})$	32768
24	$\mathcal{O}(0; \{24, 8^7, 6^2, 4^2\})$	131072
24	$\mathcal{O}(0; \{24, 8^7, 6^3, 3\})$	163840
24	$\mathcal{O}(0; \{24, 8^9, 4, 3\})$	1048576
24	$\mathcal{O}(0; \{24, 12, 8, 2^{15}\})$	16
24	$\mathcal{O}(0; \{24, 12, 8, 3^3, 2^{11}\})$	80
24	$\mathcal{O}(0; \{24, 12, 8, 3^6, 2^7\})$	688
24	$\mathcal{O}(0; \{24, 12, 8, 3^9, 2^3\})$	5456
24	$\mathcal{O}(0; \{24, 12, 8, 4^2, 2^{12}\})$	64
24	$\mathcal{O}(0; \{24, 12, 8, 4^2, 3^3, 2^8\})$	320
24	$\mathcal{O}(0; \{24, 12, 8, 4^2, 3^6, 2^4\})$	2752
24	$\mathcal{O}(0; \{24, 12, 8, 4^2, 3^9\})$	21824
24	$\mathcal{O}(0; \{24, 12, 8, 4^4, 2^9\})$	256
24	$\mathcal{O}(0; \{24, 12, 8, 4^4, 3^3, 2^5\})$	1280
24	$\mathcal{O}(0; \{24, 12, 8, 4^4, 3^6, 2\})$	11008
24	$\mathcal{O}(0; \{24, 12, 8, 4^6, 2^6\})$	1024
24	$\mathcal{O}(0; \{24, 12, 8, 4^6, 3^3, 2^2\})$	5120
24	$\mathcal{O}(0; \{24, 12, 8, 4^8, 2^3\})$	4096
24	$\mathcal{O}(0; \{24, 12, 8, 4^{10}\})$	16384
24	$\mathcal{O}(0; \{24, 12, 8, 6, 3, 2^{12}\})$	48
24	$\mathcal{O}(0; \{24, 12, 8, 6, 3^4, 2^8\})$	336
24	$\mathcal{O}(0; \{24, 12, 8, 6, 3^7, 2^4\})$	2736
24	$\mathcal{O}(0; \{24, 12, 8, 6, 3^{10}\})$	21840
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^2, 3, 2^9\})$	192
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^2, 3^4, 2^5\})$	1344
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^2, 3^7, 2\})$	10944
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^4, 3, 2^6\})$	768
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^4, 3^4, 2^2\})$	5376
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^6, 3, 2^3\})$	3072
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^8, 3\})$	12288

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 3^2, 2^9\})$	176
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 3^5, 2^5\})$	1360
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 3^8, 2\})$	10928
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^2, 3^2, 2^6\})$	704
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^2, 3^5, 2^2\})$	5440
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^4, 3^2, 2^3\})$	2816
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^6, 3^2\})$	11264
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 2^{10}\})$	80
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 3^3, 2^6\})$	688
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 3^6, 2^2\})$	5456
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4^2, 2^7\})$	320
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4^2, 3^3, 2^3\})$	2752
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4^4, 2^4\})$	1280
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4^4, 3^3\})$	11008
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4^6, 2\})$	5120
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 3, 2^7\})$	336
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 3^4, 2^3\})$	2736
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 4^2, 3, 2^4\})$	1344
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 4^2, 3^4\})$	10944
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 4^4, 3, 2\})$	5376
24	$\mathcal{O}(0; \{24, 12, 8, 6^5, 3^2, 2^4\})$	1360
24	$\mathcal{O}(0; \{24, 12, 8, 6^5, 3^5\})$	10928
24	$\mathcal{O}(0; \{24, 12, 8, 6^5, 4^2, 3^2, 2\})$	5440
24	$\mathcal{O}(0; \{24, 12, 8, 6^6, 2^5\})$	688
24	$\mathcal{O}(0; \{24, 12, 8, 6^6, 3^3, 2\})$	5456
24	$\mathcal{O}(0; \{24, 12, 8, 6^6, 4^2, 2^2\})$	2752
24	$\mathcal{O}(0; \{24, 12, 8, 6^7, 3, 2^2\})$	2736
24	$\mathcal{O}(0; \{24, 12, 8, 6^9\})$	5456
24	$\mathcal{O}(0; \{24, 12, 8^3, 4, 2^{10}\})$	512
24	$\mathcal{O}(0; \{24, 12, 8^3, 4, 3^3, 2^6\})$	2560
24	$\mathcal{O}(0; \{24, 12, 8^3, 4, 3^6, 2^2\})$	22016
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^3, 2^7\})$	2048
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^3, 3^3, 2^3\})$	10240
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^5, 2^4\})$	8192
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^5, 3^3\})$	40960
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^7, 2\})$	32768
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4, 3, 2^7\})$	1536
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4, 3^4, 2^3\})$	10752
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4^3, 3, 2^4\})$	6144
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4^3, 3^4\})$	43008
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4^5, 3, 2\})$	24576
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 4, 3^2, 2^4\})$	5632
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 4, 3^5\})$	43520

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 4^3, 3^2, 2\})$	22528
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^3, 4, 2^5\})$	2560
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^3, 4, 3^3, 2\})$	22016
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^3, 4^3, 2^2\})$	10240
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^4, 4, 3, 2^2\})$	10752
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^6, 4\})$	22016
24	$\mathcal{O}(0; \{24, 12, 8^5, 2^8\})$	4096
24	$\mathcal{O}(0; \{24, 12, 8^5, 3^3, 2^4\})$	20480
24	$\mathcal{O}(0; \{24, 12, 8^5, 3^6\})$	176128
24	$\mathcal{O}(0; \{24, 12, 8^5, 4^2, 2^5\})$	16384
24	$\mathcal{O}(0; \{24, 12, 8^5, 4^2, 3^3, 2\})$	81920
24	$\mathcal{O}(0; \{24, 12, 8^5, 4^4, 2^2\})$	65536
24	$\mathcal{O}(0; \{24, 12, 8^5, 6, 3, 2^5\})$	12288
24	$\mathcal{O}(0; \{24, 12, 8^5, 6, 3^4, 2\})$	86016
24	$\mathcal{O}(0; \{24, 12, 8^5, 6, 4^2, 3, 2^2\})$	49152
24	$\mathcal{O}(0; \{24, 12, 8^5, 6^2, 3^2, 2^2\})$	45056
24	$\mathcal{O}(0; \{24, 12, 8^5, 6^3, 2^3\})$	20480
24	$\mathcal{O}(0; \{24, 12, 8^5, 6^3, 4^2\})$	81920
24	$\mathcal{O}(0; \{24, 12, 8^5, 6^4, 3\})$	86016
24	$\mathcal{O}(0; \{24, 12, 8^7, 4, 2^3\})$	131072
24	$\mathcal{O}(0; \{24, 12, 8^7, 4^3\})$	524288
24	$\mathcal{O}(0; \{24, 12, 8^7, 6, 4, 3\})$	393216
24	$\mathcal{O}(0; \{24, 12, 8^9, 2\})$	1048576
24	$\mathcal{O}(0; \{24, 12^2, 8, 4, 3^2, 2^9\})$	320
24	$\mathcal{O}(0; \{24, 12^2, 8, 4, 3^5, 2^5\})$	2752
24	$\mathcal{O}(0; \{24, 12^2, 8, 4, 3^8, 2\})$	21824
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^3, 3^2, 2^6\})$	1280
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^3, 3^5, 2^2\})$	11008
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^5, 3^2, 2^3\})$	5120
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^7, 3^2\})$	20480
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4, 2^{10}\})$	192
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4, 3^3, 2^6\})$	1344
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4, 3^6, 2^2\})$	10944
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^3, 2^7\})$	768
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^3, 3^3, 2^3\})$	5376
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^5, 2^4\})$	3072
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^5, 3^3\})$	21504
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^7, 2\})$	12288
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4, 3, 2^7\})$	704
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4, 3^4, 2^3\})$	5440
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4^3, 3, 2^4\})$	2816
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4^3, 3^4\})$	21760
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4^5, 3, 2\})$	11264

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 4, 3^2, 2^4\})$	2752
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 4, 3^5\})$	21824
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 4^3, 3^2, 2\})$	11008
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^4, 4, 2^5\})$	1344
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^4, 4, 3^3, 2\})$	10944
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^4, 4^3, 2^2\})$	5376
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^5, 4, 3, 2^2\})$	5440
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^7, 4\})$	10944
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 3^2, 2^7\})$	2560
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 3^5, 2^3\})$	22016
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4^2, 3^2, 2^4\})$	10240
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4^2, 3^5\})$	88064
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4^4, 3^2, 2\})$	40960
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6, 2^8\})$	1536
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6, 3^3, 2^4\})$	10752
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6, 3^6\})$	87552
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6, 4^2, 2^5\})$	6144
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6, 4^2, 3^3, 2\})$	43008
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6, 4^4, 2^2\})$	24576
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^2, 3, 2^5\})$	5632
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^2, 3^4, 2\})$	43520
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^2, 4^2, 3, 2^2\})$	22528
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^3, 3^2, 2^2\})$	22016
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^4, 2^3\})$	10752
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^4, 4^2\})$	43008
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^5, 3\})$	43520
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 4, 3^2, 2^2\})$	81920
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 6, 4, 2^3\})$	49152
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 6, 4^3\})$	196608
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 6^2, 4, 3\})$	180224
24	$\mathcal{O}(0; \{24, 12^2, 8^7, 3^2\})$	655360
24	$\mathcal{O}(0; \{24, 12^2, 8^7, 6, 2\})$	393216
24	$\mathcal{O}(0; \{24, 12^3, 8, 3, 2^{10}\})$	320
24	$\mathcal{O}(0; \{24, 12^3, 8, 3^4, 2^6\})$	2752
24	$\mathcal{O}(0; \{24, 12^3, 8, 3^7, 2^2\})$	21824
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^2, 3, 2^7\})$	1280
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^2, 3^4, 2^3\})$	11008
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^4, 3, 2^4\})$	5120
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^4, 3^4\})$	44032
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^6, 3, 2\})$	20480
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 3^2, 2^7\})$	1344
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 3^5, 2^3\})$	10944
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4^2, 3^2, 2^4\})$	5376

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4^2, 3^5\})$	43776
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4^4, 3^2, 2\})$	21504
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^2, 2^8\})$	704
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^2, 3^3, 2^4\})$	5440
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^2, 3^6\})$	43712
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^2, 4^2, 2^5\})$	2816
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^2, 4^2, 3^3, 2\})$	21760
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^2, 4^4, 2^2\})$	11264
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^3, 3, 2^5\})$	2752
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^3, 3^4, 2\})$	21824
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^3, 4^2, 3, 2^2\})$	11008
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^4, 3^2, 2^2\})$	10944
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^5, 2^3\})$	5440
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^5, 4^2\})$	21760
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^6, 3\})$	21824
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 4, 3, 2^5\})$	10240
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 4, 3^4, 2\})$	88064
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 4^3, 3, 2^2\})$	40960
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6, 4, 3^2, 2^2\})$	43008
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6^2, 4, 2^3\})$	22528
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6^2, 4^3\})$	90112
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6^3, 4, 3\})$	88064
24	$\mathcal{O}(0; \{24, 12^3, 8^5, 3, 2^3\})$	81920
24	$\mathcal{O}(0; \{24, 12^3, 8^5, 4^2, 3\})$	327680
24	$\mathcal{O}(0; \{24, 12^3, 8^5, 6, 3^2\})$	344064
24	$\mathcal{O}(0; \{24, 12^3, 8^5, 6^2, 2\})$	180224
24	$\mathcal{O}(0; \{24, 12^4, 8, 4, 2^8\})$	1280
24	$\mathcal{O}(0; \{24, 12^4, 8, 4, 3^3, 2^4\})$	11008
24	$\mathcal{O}(0; \{24, 12^4, 8, 4, 3^6\})$	87296
24	$\mathcal{O}(0; \{24, 12^4, 8, 4^3, 2^5\})$	5120
24	$\mathcal{O}(0; \{24, 12^4, 8, 4^3, 3^3, 2\})$	44032
24	$\mathcal{O}(0; \{24, 12^4, 8, 4^5, 2^2\})$	20480
24	$\mathcal{O}(0; \{24, 12^4, 8, 6, 4, 3, 2^5\})$	5376
24	$\mathcal{O}(0; \{24, 12^4, 8, 6, 4, 3^4, 2\})$	43776
24	$\mathcal{O}(0; \{24, 12^4, 8, 6, 4^3, 3, 2^2\})$	21504
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^2, 4, 3^2, 2^2\})$	21760
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^3, 4, 2^3\})$	11008
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^3, 4^3\})$	44032
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^4, 4, 3\})$	43776
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 2^6\})$	10240
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 3^3, 2^2\})$	88064
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 4^2, 2^3\})$	40960
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 4^4\})$	163840

Continued on next page

Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 6, 3, 2^3\})$	43008
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 6, 4^2, 3\})$	172032
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 6^2, 3^2\})$	174080
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 6^3, 2\})$	88064
24	$\mathcal{O}(0; \{24, 12^4, 8^5, 4, 2\})$	327680
24	$\mathcal{O}(0; \{24, 12^5, 8, 3^2, 2^5\})$	11008
24	$\mathcal{O}(0; \{24, 12^5, 8, 3^5, 2\})$	87296
24	$\mathcal{O}(0; \{24, 12^5, 8, 4^2, 3^2, 2^2\})$	44032
24	$\mathcal{O}(0; \{24, 12^5, 8, 6, 2^6\})$	5376
24	$\mathcal{O}(0; \{24, 12^5, 8, 6, 3^3, 2^2\})$	43776
24	$\mathcal{O}(0; \{24, 12^5, 8, 6, 4^2, 2^3\})$	21504
24	$\mathcal{O}(0; \{24, 12^5, 8, 6, 4^4\})$	86016
24	$\mathcal{O}(0; \{24, 12^5, 8, 6^2, 3, 2^3\})$	21760
24	$\mathcal{O}(0; \{24, 12^5, 8, 6^2, 4^2, 3\})$	87040
24	$\mathcal{O}(0; \{24, 12^5, 8, 6^3, 3^2\})$	87296
24	$\mathcal{O}(0; \{24, 12^5, 8, 6^4, 2\})$	43776
24	$\mathcal{O}(0; \{24, 12^5, 8^3, 4, 3^2\})$	352256
24	$\mathcal{O}(0; \{24, 12^5, 8^3, 6, 4, 2\})$	172032
24	$\mathcal{O}(0; \{24, 12^6, 8, 4, 3, 2^3\})$	44032
24	$\mathcal{O}(0; \{24, 12^6, 8, 4^3, 3\})$	176128
24	$\mathcal{O}(0; \{24, 12^6, 8, 6, 4, 3^2\})$	175104
24	$\mathcal{O}(0; \{24, 12^6, 8, 6^2, 4, 2\})$	87040
24	$\mathcal{O}(0; \{24, 12^6, 8^3, 3, 2\})$	352256
24	$\mathcal{O}(0; \{24, 12^7, 8, 2^4\})$	44032
24	$\mathcal{O}(0; \{24, 12^7, 8, 3^3\})$	349184
24	$\mathcal{O}(0; \{24, 12^7, 8, 4^2, 2\})$	176128
24	$\mathcal{O}(0; \{24, 12^7, 8, 6, 3, 2\})$	175104
24	$\mathcal{O}(0; \{24^2, 3^2, 2^{14}\})$	24
24	$\mathcal{O}(0; \{24^2, 3^5, 2^{10}\})$	168
24	$\mathcal{O}(0; \{24^2, 3^8, 2^6\})$	1368
24	$\mathcal{O}(0; \{24^2, 3^{11}, 2^2\})$	10920
24	$\mathcal{O}(0; \{24^2, 4^2, 3^2, 2^{11}\})$	96
24	$\mathcal{O}(0; \{24^2, 4^2, 3^5, 2^7\})$	672
24	$\mathcal{O}(0; \{24^2, 4^2, 3^8, 2^3\})$	5472
24	$\mathcal{O}(0; \{24^2, 4^4, 3^2, 2^8\})$	384
24	$\mathcal{O}(0; \{24^2, 4^4, 3^5, 2^4\})$	2688
24	$\mathcal{O}(0; \{24^2, 4^4, 3^8\})$	21888
24	$\mathcal{O}(0; \{24^2, 4^6, 3^2, 2^5\})$	1536
24	$\mathcal{O}(0; \{24^2, 4^6, 3^5, 2\})$	10752
24	$\mathcal{O}(0; \{24^2, 4^8, 3^2, 2^2\})$	6144
24	$\mathcal{O}(0; \{24^2, 6, 2^{15}\})$	8
24	$\mathcal{O}(0; \{24^2, 6, 3^3, 2^{11}\})$	88
24	$\mathcal{O}(0; \{24^2, 6, 3^6, 2^7\})$	680

Continued on next page

Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 6, 3^9, 2^3\})$	5464
24	$\mathcal{O}(0; \{24^2, 6, 4^2, 2^{12}\})$	32
24	$\mathcal{O}(0; \{24^2, 6, 4^2, 3^3, 2^8\})$	352
24	$\mathcal{O}(0; \{24^2, 6, 4^2, 3^6, 2^4\})$	2720
24	$\mathcal{O}(0; \{24^2, 6, 4^2, 3^9\})$	21856
24	$\mathcal{O}(0; \{24^2, 6, 4^4, 2^9\})$	128
24	$\mathcal{O}(0; \{24^2, 6, 4^4, 3^3, 2^5\})$	1408
24	$\mathcal{O}(0; \{24^2, 6, 4^4, 3^6, 2\})$	10880
24	$\mathcal{O}(0; \{24^2, 6, 4^6, 2^6\})$	512
24	$\mathcal{O}(0; \{24^2, 6, 4^6, 3^3, 2^2\})$	5632
24	$\mathcal{O}(0; \{24^2, 6, 4^8, 2^3\})$	2048
24	$\mathcal{O}(0; \{24^2, 6, 4^{10}\})$	8192
24	$\mathcal{O}(0; \{24^2, 6^2, 3, 2^{12}\})$	40
24	$\mathcal{O}(0; \{24^2, 6^2, 3^4, 2^8\})$	344
24	$\mathcal{O}(0; \{24^2, 6^2, 3^7, 2^4\})$	2728
24	$\mathcal{O}(0; \{24^2, 6^2, 3^{10}\})$	21848
24	$\mathcal{O}(0; \{24^2, 6^2, 4^2, 3, 2^9\})$	160
24	$\mathcal{O}(0; \{24^2, 6^2, 4^2, 3^4, 2^5\})$	1376
24	$\mathcal{O}(0; \{24^2, 6^2, 4^2, 3^7, 2\})$	10912
24	$\mathcal{O}(0; \{24^2, 6^2, 4^4, 3, 2^6\})$	640
24	$\mathcal{O}(0; \{24^2, 6^2, 4^4, 3^4, 2^2\})$	5504
24	$\mathcal{O}(0; \{24^2, 6^2, 4^6, 3, 2^3\})$	2560
24	$\mathcal{O}(0; \{24^2, 6^2, 4^8, 3\})$	10240
24	$\mathcal{O}(0; \{24^2, 6^3, 3^2, 2^9\})$	168
24	$\mathcal{O}(0; \{24^2, 6^3, 3^5, 2^5\})$	1368
24	$\mathcal{O}(0; \{24^2, 6^3, 3^8, 2\})$	10920
24	$\mathcal{O}(0; \{24^2, 6^3, 4^2, 3^2, 2^6\})$	672
24	$\mathcal{O}(0; \{24^2, 6^3, 4^2, 3^5, 2^2\})$	5472
24	$\mathcal{O}(0; \{24^2, 6^3, 4^4, 3^2, 2^3\})$	2688
24	$\mathcal{O}(0; \{24^2, 6^3, 4^6, 3^2\})$	10752
24	$\mathcal{O}(0; \{24^2, 6^4, 2^{10}\})$	88
24	$\mathcal{O}(0; \{24^2, 6^4, 3^3, 2^6\})$	680
24	$\mathcal{O}(0; \{24^2, 6^4, 3^6, 2^2\})$	5464
24	$\mathcal{O}(0; \{24^2, 6^4, 4^2, 2^7\})$	352
24	$\mathcal{O}(0; \{24^2, 6^4, 4^2, 3^3, 2^3\})$	2720
24	$\mathcal{O}(0; \{24^2, 6^4, 4^4, 2^4\})$	1408
24	$\mathcal{O}(0; \{24^2, 6^4, 4^4, 3^3\})$	10880
24	$\mathcal{O}(0; \{24^2, 6^4, 4^6, 2\})$	5632
24	$\mathcal{O}(0; \{24^2, 6^5, 3, 2^7\})$	344
24	$\mathcal{O}(0; \{24^2, 6^5, 3^4, 2^3\})$	2728
24	$\mathcal{O}(0; \{24^2, 6^5, 4^2, 3, 2^4\})$	1376
24	$\mathcal{O}(0; \{24^2, 6^5, 4^2, 3^4\})$	10912
24	$\mathcal{O}(0; \{24^2, 6^5, 4^4, 3, 2\})$	5504

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 6^6, 3^2, 2^4\})$	1368
24	$\mathcal{O}(0; \{24^2, 6^6, 3^5\})$	10920
24	$\mathcal{O}(0; \{24^2, 6^6, 4^2, 3^2, 2\})$	5472
24	$\mathcal{O}(0; \{24^2, 6^7, 2^5\})$	680
24	$\mathcal{O}(0; \{24^2, 6^7, 3^3, 2\})$	5464
24	$\mathcal{O}(0; \{24^2, 6^7, 4^2, 2^2\})$	2720
24	$\mathcal{O}(0; \{24^2, 6^8, 3, 2^2\})$	2728
24	$\mathcal{O}(0; \{24^2, 6^{10}\})$	5464
24	$\mathcal{O}(0; \{24^2, 8^2, 4, 3^2, 2^9\})$	768
24	$\mathcal{O}(0; \{24^2, 8^2, 4, 3^5, 2^5\})$	5376
24	$\mathcal{O}(0; \{24^2, 8^2, 4, 3^8, 2\})$	43776
24	$\mathcal{O}(0; \{24^2, 8^2, 4^3, 3^2, 2^6\})$	3072
24	$\mathcal{O}(0; \{24^2, 8^2, 4^3, 3^5, 2^2\})$	21504
24	$\mathcal{O}(0; \{24^2, 8^2, 4^5, 3^2, 2^3\})$	12288
24	$\mathcal{O}(0; \{24^2, 8^2, 4^7, 3^2\})$	49152
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4, 2^{10}\})$	256
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4, 3^3, 2^6\})$	2816
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4, 3^6, 2^2\})$	21760
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^3, 2^7\})$	1024
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^3, 3^3, 2^3\})$	11264
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^5, 2^4\})$	4096
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^5, 3^3\})$	45056
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^7, 2\})$	16384
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4, 3, 2^7\})$	1280
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4, 3^4, 2^3\})$	11008
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4^3, 3, 2^4\})$	5120
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4^3, 3^4\})$	44032
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4^5, 3, 2\})$	20480
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 4, 3^2, 2^4\})$	5376
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 4, 3^5\})$	43776
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 4^3, 3^2, 2\})$	21504
24	$\mathcal{O}(0; \{24^2, 8^2, 6^4, 4, 2^5\})$	2816
24	$\mathcal{O}(0; \{24^2, 8^2, 6^4, 4, 3^3, 2\})$	21760
24	$\mathcal{O}(0; \{24^2, 8^2, 6^4, 4^3, 2^2\})$	11264
24	$\mathcal{O}(0; \{24^2, 8^2, 6^5, 4, 3, 2^2\})$	11008
24	$\mathcal{O}(0; \{24^2, 8^2, 6^7, 4\})$	21760
24	$\mathcal{O}(0; \{24^2, 8^4, 3^2, 2^7\})$	6144
24	$\mathcal{O}(0; \{24^2, 8^4, 3^5, 2^3\})$	43008
24	$\mathcal{O}(0; \{24^2, 8^4, 4^2, 3^2, 2^4\})$	24576
24	$\mathcal{O}(0; \{24^2, 8^4, 4^2, 3^5\})$	172032
24	$\mathcal{O}(0; \{24^2, 8^4, 4^4, 3^2, 2\})$	98304
24	$\mathcal{O}(0; \{24^2, 8^4, 6, 2^8\})$	2048
24	$\mathcal{O}(0; \{24^2, 8^4, 6, 3^3, 2^4\})$	22528

Continued on next page

Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 8^4, 6, 3^6\})$	174080
24	$\mathcal{O}(0; \{24^2, 8^4, 6, 4^2, 2^5\})$	8192
24	$\mathcal{O}(0; \{24^2, 8^4, 6, 4^2, 3^3, 2\})$	90112
24	$\mathcal{O}(0; \{24^2, 8^4, 6, 4^4, 2^2\})$	32768
24	$\mathcal{O}(0; \{24^2, 8^4, 6^2, 3, 2^5\})$	10240
24	$\mathcal{O}(0; \{24^2, 8^4, 6^2, 3^4, 2\})$	88064
24	$\mathcal{O}(0; \{24^2, 8^4, 6^2, 4^2, 3, 2^2\})$	40960
24	$\mathcal{O}(0; \{24^2, 8^4, 6^3, 3^2, 2^2\})$	43008
24	$\mathcal{O}(0; \{24^2, 8^4, 6^4, 2^3\})$	22528
24	$\mathcal{O}(0; \{24^2, 8^4, 6^4, 4^2\})$	90112
24	$\mathcal{O}(0; \{24^2, 8^4, 6^5, 3\})$	88064
24	$\mathcal{O}(0; \{24^2, 8^6, 4, 3^2, 2^2\})$	196608
24	$\mathcal{O}(0; \{24^2, 8^6, 6, 4, 2^3\})$	65536
24	$\mathcal{O}(0; \{24^2, 8^6, 6, 4^3\})$	262144
24	$\mathcal{O}(0; \{24^2, 8^6, 6^2, 4, 3\})$	327680
24	$\mathcal{O}(0; \{24^2, 8^8, 3^2\})$	1572864
24	$\mathcal{O}(0; \{24^2, 8^8, 6, 2\})$	524288
24	$\mathcal{O}(0; \{24^2, 12, 4, 3, 2^{12}\})$	96
24	$\mathcal{O}(0; \{24^2, 12, 4, 3^4, 2^8\})$	672
24	$\mathcal{O}(0; \{24^2, 12, 4, 3^7, 2^4\})$	5472
24	$\mathcal{O}(0; \{24^2, 12, 4, 3^{10}\})$	43680
24	$\mathcal{O}(0; \{24^2, 12, 4^3, 3, 2^9\})$	384
24	$\mathcal{O}(0; \{24^2, 12, 4^3, 3^4, 2^5\})$	2688
24	$\mathcal{O}(0; \{24^2, 12, 4^3, 3^7, 2\})$	21888
24	$\mathcal{O}(0; \{24^2, 12, 4^5, 3, 2^6\})$	1536
24	$\mathcal{O}(0; \{24^2, 12, 4^5, 3^4, 2^2\})$	10752
24	$\mathcal{O}(0; \{24^2, 12, 4^7, 3, 2^3\})$	6144
24	$\mathcal{O}(0; \{24^2, 12, 4^9, 3\})$	24576
24	$\mathcal{O}(0; \{24^2, 12, 6, 4, 3^2, 2^9\})$	352
24	$\mathcal{O}(0; \{24^2, 12, 6, 4, 3^5, 2^5\})$	2720
24	$\mathcal{O}(0; \{24^2, 12, 6, 4, 3^8, 2\})$	21856
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^3, 3^2, 2^6\})$	1408
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^3, 3^5, 2^2\})$	10880
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^5, 3^2, 2^3\})$	5632
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^7, 3^2\})$	22528
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4, 2^{10}\})$	160
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4, 3^3, 2^6\})$	1376
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4, 3^6, 2^2\})$	10912
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^3, 2^7\})$	640
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^3, 3^3, 2^3\})$	5504
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^5, 2^4\})$	2560
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^5, 3^3\})$	22016
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^7, 2\})$	10240

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4, 3, 2^7\})$	672
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4, 3^4, 2^3\})$	5472
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4^3, 3, 2^4\})$	2688
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4^3, 3^4\})$	21888
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4^5, 3, 2\})$	10752
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 4, 3^2, 2^4\})$	2720
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 4, 3^5\})$	21856
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 4^3, 3^2, 2\})$	10880
24	$\mathcal{O}(0; \{24^2, 12, 6^5, 4, 2^5\})$	1376
24	$\mathcal{O}(0; \{24^2, 12, 6^5, 4, 3^3, 2\})$	10912
24	$\mathcal{O}(0; \{24^2, 12, 6^5, 4^3, 2^2\})$	5504
24	$\mathcal{O}(0; \{24^2, 12, 6^6, 4, 3, 2^2\})$	5472
24	$\mathcal{O}(0; \{24^2, 12, 6^8, 4\})$	10912
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 3, 2^{10}\})$	768
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 3^4, 2^6\})$	5376
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 3^7, 2^2\})$	43776
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^2, 3, 2^7\})$	3072
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^2, 3^4, 2^3\})$	21504
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^4, 3, 2^4\})$	12288
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^4, 3^4\})$	86016
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^6, 3, 2\})$	49152
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 3^2, 2^7\})$	2816
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 3^5, 2^3\})$	21760
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4^2, 3^2, 2^4\})$	11264
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4^2, 3^5\})$	87040
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4^4, 3^2, 2\})$	45056
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^2, 2^8\})$	1280
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^2, 3^3, 2^4\})$	11008
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^2, 3^6\})$	87296
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^2, 4^2, 2^5\})$	5120
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^2, 4^2, 3^3, 2\})$	44032
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^2, 4^4, 2^2\})$	20480
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^3, 3, 2^5\})$	5376
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^3, 3^4, 2\})$	43776
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^3, 4^2, 3, 2^2\})$	21504
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^4, 3^2, 2^2\})$	21760
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^5, 2^3\})$	11008
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^5, 4^2\})$	44032
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^6, 3\})$	43776
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 4, 3, 2^5\})$	24576
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 4, 3^4, 2\})$	172032
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 4^3, 3, 2^2\})$	98304
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6, 4, 3^2, 2^2\})$	90112

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6^2, 4, 2^3\})$	40960
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6^2, 4^3\})$	163840
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6^3, 4, 3\})$	172032
24	$\mathcal{O}(0; \{24^2, 12, 8^6, 3, 2^3\})$	196608
24	$\mathcal{O}(0; \{24^2, 12, 8^6, 4^2, 3\})$	786432
24	$\mathcal{O}(0; \{24^2, 12, 8^6, 6, 3^2\})$	720896
24	$\mathcal{O}(0; \{24^2, 12, 8^6, 6^2, 2\})$	327680
24	$\mathcal{O}(0; \{24^2, 12^2, 2^{13}\})$	96
24	$\mathcal{O}(0; \{24^2, 12^2, 3^3, 2^9\})$	672
24	$\mathcal{O}(0; \{24^2, 12^2, 3^6, 2^5\})$	5472
24	$\mathcal{O}(0; \{24^2, 12^2, 3^9, 2\})$	43680
24	$\mathcal{O}(0; \{24^2, 12^2, 4^2, 2^{10}\})$	384
24	$\mathcal{O}(0; \{24^2, 12^2, 4^2, 3^3, 2^6\})$	2688
24	$\mathcal{O}(0; \{24^2, 12^2, 4^2, 3^6, 2^2\})$	21888
24	$\mathcal{O}(0; \{24^2, 12^2, 4^4, 2^7\})$	1536
24	$\mathcal{O}(0; \{24^2, 12^2, 4^4, 3^3, 2^3\})$	10752
24	$\mathcal{O}(0; \{24^2, 12^2, 4^6, 2^4\})$	6144
24	$\mathcal{O}(0; \{24^2, 12^2, 4^6, 3^3\})$	43008
24	$\mathcal{O}(0; \{24^2, 12^2, 4^8, 2\})$	24576
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 3, 2^{10}\})$	352
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 3^4, 2^6\})$	2720
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 3^7, 2^2\})$	21856
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^2, 3, 2^7\})$	1408
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^2, 3^4, 2^3\})$	10880
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^4, 3, 2^4\})$	5632
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^4, 3^4\})$	43520
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^6, 3, 2\})$	22528
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 3^2, 2^7\})$	1376
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 3^5, 2^3\})$	10912
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4^2, 3^2, 2^4\})$	5504
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4^2, 3^5\})$	43648
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4^4, 3^2, 2\})$	22016
24	$\mathcal{O}(0; \{24^2, 12^2, 6^3, 2^8\})$	672
24	$\mathcal{O}(0; \{24^2, 12^2, 6^3, 3^3, 2^4\})$	5472
24	$\mathcal{O}(0; \{24^2, 12^2, 6^3, 3^6\})$	43680
24	$\mathcal{O}(0; \{24^2, 12^2, 6^3, 4^2, 2^5\})$	2688
24	$\mathcal{O}(0; \{24^2, 12^2, 6^3, 4^2, 3^3, 2\})$	21888
24	$\mathcal{O}(0; \{24^2, 12^2, 6^3, 4^4, 2^2\})$	10752
24	$\mathcal{O}(0; \{24^2, 12^2, 6^4, 3, 2^5\})$	2720
24	$\mathcal{O}(0; \{24^2, 12^2, 6^4, 3^4, 2\})$	21856
24	$\mathcal{O}(0; \{24^2, 12^2, 6^4, 4^2, 3, 2^2\})$	10880
24	$\mathcal{O}(0; \{24^2, 12^2, 6^5, 3^2, 2^2\})$	10912
24	$\mathcal{O}(0; \{24^2, 12^2, 6^6, 2^3\})$	5472

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12^2, 6^6, 4^2\})$	21888
24	$\mathcal{O}(0; \{24^2, 12^2, 6^7, 3\})$	21856
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 4, 2^8\})$	3072
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 4, 3^3, 2^4\})$	21504
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 4, 3^6\})$	175104
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 4^3, 2^5\})$	12288
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 4^3, 3^3, 2\})$	86016
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 4^5, 2^2\})$	49152
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6, 4, 3, 2^5\})$	11264
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6, 4, 3^4, 2\})$	87040
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6, 4^3, 3, 2^2\})$	45056
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^2, 4, 3^2, 2^2\})$	44032
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^3, 4, 2^3\})$	21504
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^3, 4^3\})$	86016
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^4, 4, 3\})$	87040
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 2^6\})$	24576
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 3^3, 2^2\})$	172032
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 4^2, 2^3\})$	98304
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 4^4\})$	393216
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 6, 3, 2^3\})$	90112
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 6, 4^2, 3\})$	360448
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 6^2, 3^2\})$	352256
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 6^3, 2\})$	172032
24	$\mathcal{O}(0; \{24^2, 12^2, 8^6, 4, 2\})$	786432
24	$\mathcal{O}(0; \{24^2, 12^3, 4, 3^2, 2^7\})$	2688
24	$\mathcal{O}(0; \{24^2, 12^3, 4, 3^5, 2^3\})$	21888
24	$\mathcal{O}(0; \{24^2, 12^3, 4^3, 3^2, 2^4\})$	10752
24	$\mathcal{O}(0; \{24^2, 12^3, 4^3, 3^5\})$	87552
24	$\mathcal{O}(0; \{24^2, 12^3, 4^5, 3^2, 2\})$	43008
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 4, 2^8\})$	1408
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 4, 3^3, 2^4\})$	10880
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 4, 3^6\})$	87424
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 4^3, 2^5\})$	5632
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 4^3, 3^3, 2\})$	43520
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 4^5, 2^2\})$	22528
24	$\mathcal{O}(0; \{24^2, 12^3, 6^2, 4, 3, 2^5\})$	5504
24	$\mathcal{O}(0; \{24^2, 12^3, 6^2, 4, 3^4, 2\})$	43648
24	$\mathcal{O}(0; \{24^2, 12^3, 6^2, 4^3, 3, 2^2\})$	22016
24	$\mathcal{O}(0; \{24^2, 12^3, 6^3, 4, 3^2, 2^2\})$	21888
24	$\mathcal{O}(0; \{24^2, 12^3, 6^4, 4, 2^3\})$	10880
24	$\mathcal{O}(0; \{24^2, 12^3, 6^4, 4^3\})$	43520
24	$\mathcal{O}(0; \{24^2, 12^3, 6^5, 4, 3\})$	43648
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 3^2, 2^5\})$	21504

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 3^5, 2\})$	175104
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 4^2, 3^2, 2^2\})$	86016
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6, 2^6\})$	11264
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6, 3^3, 2^2\})$	87040
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6, 4^2, 2^3\})$	45056
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6, 4^4\})$	180224
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6^2, 3, 2^3\})$	44032
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6^2, 4^2, 3\})$	176128
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6^3, 3^2\})$	175104
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6^4, 2\})$	87040
24	$\mathcal{O}(0; \{24^2, 12^3, 8^4, 4, 3^2\})$	688128
24	$\mathcal{O}(0; \{24^2, 12^3, 8^4, 6, 4, 2\})$	360448
24	$\mathcal{O}(0; \{24^2, 12^4, 3, 2^8\})$	2688
24	$\mathcal{O}(0; \{24^2, 12^4, 3^4, 2^4\})$	21888
24	$\mathcal{O}(0; \{24^2, 12^4, 3^7\})$	174720
24	$\mathcal{O}(0; \{24^2, 12^4, 4^2, 3, 2^5\})$	10752
24	$\mathcal{O}(0; \{24^2, 12^4, 4^2, 3^4, 2\})$	87552
24	$\mathcal{O}(0; \{24^2, 12^4, 4^4, 3, 2^2\})$	43008
24	$\mathcal{O}(0; \{24^2, 12^4, 6, 3^2, 2^5\})$	10880
24	$\mathcal{O}(0; \{24^2, 12^4, 6, 3^5, 2\})$	87424
24	$\mathcal{O}(0; \{24^2, 12^4, 6, 4^2, 3^2, 2^2\})$	43520
24	$\mathcal{O}(0; \{24^2, 12^4, 6^2, 2^6\})$	5504
24	$\mathcal{O}(0; \{24^2, 12^4, 6^2, 3^3, 2^2\})$	43648
24	$\mathcal{O}(0; \{24^2, 12^4, 6^2, 4^2, 2^3\})$	22016
24	$\mathcal{O}(0; \{24^2, 12^4, 6^2, 4^4\})$	88064
24	$\mathcal{O}(0; \{24^2, 12^4, 6^3, 3, 2^3\})$	21888
24	$\mathcal{O}(0; \{24^2, 12^4, 6^3, 4^2, 3\})$	87552
24	$\mathcal{O}(0; \{24^2, 12^4, 6^4, 3^2\})$	87424
24	$\mathcal{O}(0; \{24^2, 12^4, 6^5, 2\})$	43648
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 4, 3, 2^3\})$	86016
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 4^3, 3\})$	344064
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 6, 4, 3^2\})$	348160
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 6^2, 4, 2\})$	176128
24	$\mathcal{O}(0; \{24^2, 12^4, 8^4, 3, 2\})$	688128
24	$\mathcal{O}(0; \{24^2, 12^5, 4, 2^6\})$	10752
24	$\mathcal{O}(0; \{24^2, 12^5, 4, 3^3, 2^2\})$	87552
24	$\mathcal{O}(0; \{24^2, 12^5, 4^3, 2^3\})$	43008
24	$\mathcal{O}(0; \{24^2, 12^5, 4^5\})$	172032
24	$\mathcal{O}(0; \{24^2, 12^5, 6, 4, 3, 2^3\})$	43520
24	$\mathcal{O}(0; \{24^2, 12^5, 6, 4^3, 3\})$	174080
24	$\mathcal{O}(0; \{24^2, 12^5, 6^2, 4, 3^2\})$	174592
24	$\mathcal{O}(0; \{24^2, 12^5, 6^3, 4, 2\})$	87552
24	$\mathcal{O}(0; \{24^2, 12^5, 8^2, 2^4\})$	86016

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12^5, 8^2, 3^3\})$	700416
24	$\mathcal{O}(0; \{24^2, 12^5, 8^2, 4^2, 2\})$	344064
24	$\mathcal{O}(0; \{24^2, 12^5, 8^2, 6, 3, 2\})$	348160
24	$\mathcal{O}(0; \{24^2, 12^6, 3^2, 2^3\})$	87552
24	$\mathcal{O}(0; \{24^2, 12^6, 4^2, 3^2\})$	350208
24	$\mathcal{O}(0; \{24^2, 12^6, 6, 2^4\})$	43520
24	$\mathcal{O}(0; \{24^2, 12^6, 6, 3^3\})$	349696
24	$\mathcal{O}(0; \{24^2, 12^6, 6, 4^2, 2\})$	174080
24	$\mathcal{O}(0; \{24^2, 12^6, 6^2, 3, 2\})$	174592
24	$\mathcal{O}(0; \{24^2, 12^7, 4, 3, 2\})$	350208
24	$\mathcal{O}(0; \{24^2, 12^8, 2^2\})$	350208
24	$\mathcal{O}(0; \{24^3, 8, 2^{13}\})$	128
24	$\mathcal{O}(0; \{24^3, 8, 3^3, 2^9\})$	1408
24	$\mathcal{O}(0; \{24^3, 8, 3^6, 2^5\})$	10880
24	$\mathcal{O}(0; \{24^3, 8, 3^9, 2\})$	87424
24	$\mathcal{O}(0; \{24^3, 8, 4^2, 2^{10}\})$	512
24	$\mathcal{O}(0; \{24^3, 8, 4^2, 3^3, 2^6\})$	5632
24	$\mathcal{O}(0; \{24^3, 8, 4^2, 3^6, 2^2\})$	43520
24	$\mathcal{O}(0; \{24^3, 8, 4^4, 2^7\})$	2048
24	$\mathcal{O}(0; \{24^3, 8, 4^4, 3^3, 2^3\})$	22528
24	$\mathcal{O}(0; \{24^3, 8, 4^6, 2^4\})$	8192
24	$\mathcal{O}(0; \{24^3, 8, 4^6, 3^3\})$	90112
24	$\mathcal{O}(0; \{24^3, 8, 4^8, 2\})$	32768
24	$\mathcal{O}(0; \{24^3, 8, 6, 3, 2^{10}\})$	640
24	$\mathcal{O}(0; \{24^3, 8, 6, 3^4, 2^6\})$	5504
24	$\mathcal{O}(0; \{24^3, 8, 6, 3^7, 2^2\})$	43648
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^2, 3, 2^7\})$	2560
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^2, 3^4, 2^3\})$	22016
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^4, 3, 2^4\})$	10240
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^4, 3^4\})$	88064
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^6, 3, 2\})$	40960
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 3^2, 2^7\})$	2688
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 3^5, 2^3\})$	21888
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4^2, 3^2, 2^4\})$	10752
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4^2, 3^5\})$	87552
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4^4, 3^2, 2\})$	43008
24	$\mathcal{O}(0; \{24^3, 8, 6^3, 2^8\})$	1408
24	$\mathcal{O}(0; \{24^3, 8, 6^3, 3^3, 2^4\})$	10880
24	$\mathcal{O}(0; \{24^3, 8, 6^3, 3^6\})$	87424
24	$\mathcal{O}(0; \{24^3, 8, 6^3, 4^2, 2^5\})$	5632
24	$\mathcal{O}(0; \{24^3, 8, 6^3, 4^2, 3^3, 2\})$	43520
24	$\mathcal{O}(0; \{24^3, 8, 6^3, 4^4, 2^2\})$	22528
24	$\mathcal{O}(0; \{24^3, 8, 6^4, 3, 2^5\})$	5504

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^3, 8, 6^4, 3^4, 2\})$	43648
24	$\mathcal{O}(0; \{24^3, 8, 6^4, 4^2, 3, 2^2\})$	22016
24	$\mathcal{O}(0; \{24^3, 8, 6^5, 3^2, 2^2\})$	21888
24	$\mathcal{O}(0; \{24^3, 8, 6^6, 2^3\})$	10880
24	$\mathcal{O}(0; \{24^3, 8, 6^6, 4^2\})$	43520
24	$\mathcal{O}(0; \{24^3, 8, 6^7, 3\})$	43648
24	$\mathcal{O}(0; \{24^3, 8^3, 4, 2^8\})$	4096
24	$\mathcal{O}(0; \{24^3, 8^3, 4, 3^3, 2^4\})$	45056
24	$\mathcal{O}(0; \{24^3, 8^3, 4, 3^6\})$	348160
24	$\mathcal{O}(0; \{24^3, 8^3, 4^3, 2^5\})$	16384
24	$\mathcal{O}(0; \{24^3, 8^3, 4^3, 3^3, 2\})$	180224
24	$\mathcal{O}(0; \{24^3, 8^3, 4^5, 2^2\})$	65536
24	$\mathcal{O}(0; \{24^3, 8^3, 6, 4, 3, 2^5\})$	20480
24	$\mathcal{O}(0; \{24^3, 8^3, 6, 4, 3^4, 2\})$	176128
24	$\mathcal{O}(0; \{24^3, 8^3, 6, 4^3, 3, 2^2\})$	81920
24	$\mathcal{O}(0; \{24^3, 8^3, 6^2, 4, 3^2, 2^2\})$	86016
24	$\mathcal{O}(0; \{24^3, 8^3, 6^3, 4, 2^3\})$	45056
24	$\mathcal{O}(0; \{24^3, 8^3, 6^3, 4^3\})$	180224
24	$\mathcal{O}(0; \{24^3, 8^3, 6^4, 4, 3\})$	176128
24	$\mathcal{O}(0; \{24^3, 8^5, 2^6\})$	32768
24	$\mathcal{O}(0; \{24^3, 8^5, 3^3, 2^2\})$	360448
24	$\mathcal{O}(0; \{24^3, 8^5, 4^2, 2^3\})$	131072
24	$\mathcal{O}(0; \{24^3, 8^5, 4^4\})$	524288
24	$\mathcal{O}(0; \{24^3, 8^5, 6, 3, 2^3\})$	163840
24	$\mathcal{O}(0; \{24^3, 8^5, 6, 4^2, 3\})$	655360
24	$\mathcal{O}(0; \{24^3, 8^5, 6^2, 3^2\})$	688128
24	$\mathcal{O}(0; \{24^3, 8^5, 6^3, 2\})$	360448
24	$\mathcal{O}(0; \{24^3, 8^7, 4, 2\})$	1048576
24	$\mathcal{O}(0; \{24^3, 12, 8, 4, 3^2, 2^7\})$	5632
24	$\mathcal{O}(0; \{24^3, 12, 8, 4, 3^5, 2^3\})$	43520
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^3, 3^2, 2^4\})$	22528
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^3, 3^5\})$	174080
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^5, 3^2, 2\})$	90112
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 4, 2^8\})$	2560
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 4, 3^3, 2^4\})$	22016
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 4, 3^6\})$	174592
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 4^3, 2^5\})$	10240
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 4^3, 3^3, 2\})$	88064
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 4^5, 2^2\})$	40960
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^2, 4, 3, 2^5\})$	10752
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^2, 4, 3^4, 2\})$	87552
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^2, 4^3, 3, 2^2\})$	43008
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^3, 4, 3^2, 2^2\})$	43520

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^4, 4, 2^3\})$	22016
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^4, 4^3\})$	88064
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^5, 4, 3\})$	87552
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 3^2, 2^5\})$	45056
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 3^5, 2\})$	348160
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 4^2, 3^2, 2^2\})$	180224
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6, 2^6\})$	20480
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6, 3^3, 2^2\})$	176128
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6, 4^2, 2^3\})$	81920
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6, 4^4\})$	327680
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6^2, 3, 2^3\})$	86016
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6^2, 4^2, 3\})$	344064
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6^3, 3^2\})$	348160
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6^4, 2\})$	176128
24	$\mathcal{O}(0; \{24^3, 12, 8^5, 4, 3^2\})$	1441792
24	$\mathcal{O}(0; \{24^3, 12, 8^5, 6, 4, 2\})$	655360
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 3, 2^8\})$	5632
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 3^4, 2^4\})$	43520
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 3^7\})$	349696
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 4^2, 3, 2^5\})$	22528
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 4^2, 3^4, 2\})$	174080
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 4^4, 3, 2^2\})$	90112
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6, 3^2, 2^5\})$	22016
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6, 3^5, 2\})$	174592
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6, 4^2, 3^2, 2^2\})$	88064
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^2, 2^6\})$	10752
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^2, 3^3, 2^2\})$	87552
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^2, 4^2, 2^3\})$	43008
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^2, 4^4\})$	172032
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^3, 3, 2^3\})$	43520
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^3, 4^2, 3\})$	174080
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^4, 3^2\})$	174592
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^5, 2\})$	87552
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 4, 3, 2^3\})$	180224
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 4^3, 3\})$	720896
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 6, 4, 3^2\})$	704512
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 6^2, 4, 2\})$	344064
24	$\mathcal{O}(0; \{24^3, 12^2, 8^5, 3, 2\})$	1441792
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 4, 2^6\})$	22528
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 4, 3^3, 2^2\})$	174080
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 4^3, 2^3\})$	90112
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 4^5\})$	360448
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6, 4, 3, 2^3\})$	88064

Continued on next page

Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6, 4^3, 3\})$	352256
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6^2, 4, 3^2\})$	350208
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6^3, 4, 2\})$	174080
24	$\mathcal{O}(0; \{24^3, 12^3, 8^3, 2^4\})$	180224
24	$\mathcal{O}(0; \{24^3, 12^3, 8^3, 3^3\})$	1392640
24	$\mathcal{O}(0; \{24^3, 12^3, 8^3, 4^2, 2\})$	720896
24	$\mathcal{O}(0; \{24^3, 12^3, 8^3, 6, 3, 2\})$	704512
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 3^2, 2^3\})$	174080
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 4^2, 3^2\})$	696320
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 6, 2^4\})$	88064
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 6, 3^3\})$	698368
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 6, 4^2, 2\})$	352256
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 6^2, 3, 2\})$	350208
24	$\mathcal{O}(0; \{24^3, 12^5, 8, 4, 3, 2\})$	696320
24	$\mathcal{O}(0; \{24^3, 12^6, 8, 2^2\})$	696320
24	$\mathcal{O}(0; \{24^4, 4, 3, 2^{10}\})$	1280
24	$\mathcal{O}(0; \{24^4, 4, 3^4, 2^6\})$	11008
24	$\mathcal{O}(0; \{24^4, 4, 3^7, 2^2\})$	87296
24	$\mathcal{O}(0; \{24^4, 4^3, 3, 2^7\})$	5120
24	$\mathcal{O}(0; \{24^4, 4^3, 3^4, 2^3\})$	44032
24	$\mathcal{O}(0; \{24^4, 4^5, 3, 2^4\})$	20480
24	$\mathcal{O}(0; \{24^4, 4^5, 3^4\})$	176128
24	$\mathcal{O}(0; \{24^4, 4^7, 3, 2\})$	81920
24	$\mathcal{O}(0; \{24^4, 6, 4, 3^2, 2^7\})$	5376
24	$\mathcal{O}(0; \{24^4, 6, 4, 3^5, 2^3\})$	43776
24	$\mathcal{O}(0; \{24^4, 6, 4^3, 3^2, 2^4\})$	21504
24	$\mathcal{O}(0; \{24^4, 6, 4^3, 3^5\})$	175104
24	$\mathcal{O}(0; \{24^4, 6, 4^5, 3^2, 2\})$	86016
24	$\mathcal{O}(0; \{24^4, 6^2, 4, 2^8\})$	2816
24	$\mathcal{O}(0; \{24^4, 6^2, 4, 3^3, 2^4\})$	21760
24	$\mathcal{O}(0; \{24^4, 6^2, 4, 3^6\})$	174848
24	$\mathcal{O}(0; \{24^4, 6^2, 4^3, 2^5\})$	11264
24	$\mathcal{O}(0; \{24^4, 6^2, 4^3, 3^3, 2\})$	87040
24	$\mathcal{O}(0; \{24^4, 6^2, 4^5, 2^2\})$	45056
24	$\mathcal{O}(0; \{24^4, 6^3, 4, 3, 2^5\})$	11008
24	$\mathcal{O}(0; \{24^4, 6^3, 4, 3^4, 2\})$	87296
24	$\mathcal{O}(0; \{24^4, 6^3, 4^3, 3, 2^2\})$	44032
24	$\mathcal{O}(0; \{24^4, 6^4, 4, 3^2, 2^2\})$	43776
24	$\mathcal{O}(0; \{24^4, 6^5, 4, 2^3\})$	21760
24	$\mathcal{O}(0; \{24^4, 6^5, 4^3\})$	87040
24	$\mathcal{O}(0; \{24^4, 6^6, 4, 3\})$	87296
24	$\mathcal{O}(0; \{24^4, 8^2, 3, 2^8\})$	10240
24	$\mathcal{O}(0; \{24^4, 8^2, 3^4, 2^4\})$	88064

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^4, 8^2, 3^7\})$	698368
24	$\mathcal{O}(0; \{24^4, 8^2, 4^2, 3, 2^5\})$	40960
24	$\mathcal{O}(0; \{24^4, 8^2, 4^2, 3^4, 2\})$	352256
24	$\mathcal{O}(0; \{24^4, 8^2, 4^4, 3, 2^2\})$	163840
24	$\mathcal{O}(0; \{24^4, 8^2, 6, 3^2, 2^5\})$	43008
24	$\mathcal{O}(0; \{24^4, 8^2, 6, 3^5, 2\})$	350208
24	$\mathcal{O}(0; \{24^4, 8^2, 6, 4^2, 3^2, 2^2\})$	172032
24	$\mathcal{O}(0; \{24^4, 8^2, 6^2, 2^6\})$	22528
24	$\mathcal{O}(0; \{24^4, 8^2, 6^2, 3^3, 2^2\})$	174080
24	$\mathcal{O}(0; \{24^4, 8^2, 6^2, 4^2, 2^3\})$	90112
24	$\mathcal{O}(0; \{24^4, 8^2, 6^2, 4^4\})$	360448
24	$\mathcal{O}(0; \{24^4, 8^2, 6^3, 3, 2^3\})$	88064
24	$\mathcal{O}(0; \{24^4, 8^2, 6^3, 4^2, 3\})$	352256
24	$\mathcal{O}(0; \{24^4, 8^2, 6^4, 3^2\})$	350208
24	$\mathcal{O}(0; \{24^4, 8^2, 6^5, 2\})$	174080
24	$\mathcal{O}(0; \{24^4, 8^4, 4, 3, 2^3\})$	327680
24	$\mathcal{O}(0; \{24^4, 8^4, 4^3, 3\})$	1310720
24	$\mathcal{O}(0; \{24^4, 8^4, 6, 4, 3^2\})$	1376256
24	$\mathcal{O}(0; \{24^4, 8^4, 6^2, 4, 2\})$	720896
24	$\mathcal{O}(0; \{24^4, 8^6, 3, 2\})$	2621440
24	$\mathcal{O}(0; \{24^4, 12, 2^{11}\})$	1280
24	$\mathcal{O}(0; \{24^4, 12, 3^3, 2^7\})$	11008
24	$\mathcal{O}(0; \{24^4, 12, 3^6, 2^3\})$	87296
24	$\mathcal{O}(0; \{24^4, 12, 4^2, 2^8\})$	5120
24	$\mathcal{O}(0; \{24^4, 12, 4^2, 3^3, 2^4\})$	44032
24	$\mathcal{O}(0; \{24^4, 12, 4^2, 3^6\})$	349184
24	$\mathcal{O}(0; \{24^4, 12, 4^4, 2^5\})$	20480
24	$\mathcal{O}(0; \{24^4, 12, 4^4, 3^3, 2\})$	176128
24	$\mathcal{O}(0; \{24^4, 12, 4^6, 2^2\})$	81920
24	$\mathcal{O}(0; \{24^4, 12, 6, 3, 2^8\})$	5376
24	$\mathcal{O}(0; \{24^4, 12, 6, 3^4, 2^4\})$	43776
24	$\mathcal{O}(0; \{24^4, 12, 6, 3^7\})$	349440
24	$\mathcal{O}(0; \{24^4, 12, 6, 4^2, 3, 2^5\})$	21504
24	$\mathcal{O}(0; \{24^4, 12, 6, 4^2, 3^4, 2\})$	175104
24	$\mathcal{O}(0; \{24^4, 12, 6, 4^4, 3, 2^2\})$	86016
24	$\mathcal{O}(0; \{24^4, 12, 6^2, 3^2, 2^5\})$	21760
24	$\mathcal{O}(0; \{24^4, 12, 6^2, 3^5, 2\})$	174848
24	$\mathcal{O}(0; \{24^4, 12, 6^2, 4^2, 3^2, 2^2\})$	87040
24	$\mathcal{O}(0; \{24^4, 12, 6^3, 2^6\})$	11008
24	$\mathcal{O}(0; \{24^4, 12, 6^3, 3^3, 2^2\})$	87296
24	$\mathcal{O}(0; \{24^4, 12, 6^3, 4^2, 2^3\})$	44032
24	$\mathcal{O}(0; \{24^4, 12, 6^3, 4^4\})$	176128
24	$\mathcal{O}(0; \{24^4, 12, 6^4, 3, 2^3\})$	43776

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^4, 12, 6^4, 4^2, 3\})$	175104
24	$\mathcal{O}(0; \{24^4, 12, 6^5, 3^2\})$	174848
24	$\mathcal{O}(0; \{24^4, 12, 6^6, 2\})$	87296
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 4, 2^6\})$	40960
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 4, 3^3, 2^2\})$	352256
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 4^3, 2^3\})$	163840
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 4^5\})$	655360
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6, 4, 3, 2^3\})$	172032
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6, 4^3, 3\})$	688128
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6^2, 4, 3^2\})$	696320
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6^3, 4, 2\})$	352256
24	$\mathcal{O}(0; \{24^4, 12, 8^4, 2^4\})$	327680
24	$\mathcal{O}(0; \{24^4, 12, 8^4, 3^3\})$	2818048
24	$\mathcal{O}(0; \{24^4, 12, 8^4, 4^2, 2\})$	1310720
24	$\mathcal{O}(0; \{24^4, 12, 8^4, 6, 3, 2\})$	1376256
24	$\mathcal{O}(0; \{24^4, 12^2, 4, 3^2, 2^5\})$	44032
24	$\mathcal{O}(0; \{24^4, 12^2, 4, 3^5, 2\})$	349184
24	$\mathcal{O}(0; \{24^4, 12^2, 4^3, 3^2, 2^2\})$	176128
24	$\mathcal{O}(0; \{24^4, 12^2, 6, 4, 2^6\})$	21504
24	$\mathcal{O}(0; \{24^4, 12^2, 6, 4, 3^3, 2^2\})$	175104
24	$\mathcal{O}(0; \{24^4, 12^2, 6, 4^3, 2^3\})$	86016
24	$\mathcal{O}(0; \{24^4, 12^2, 6, 4^5\})$	344064
24	$\mathcal{O}(0; \{24^4, 12^2, 6^2, 4, 3, 2^3\})$	87040
24	$\mathcal{O}(0; \{24^4, 12^2, 6^2, 4^3, 3\})$	348160
24	$\mathcal{O}(0; \{24^4, 12^2, 6^3, 4, 3^2\})$	349184
24	$\mathcal{O}(0; \{24^4, 12^2, 6^4, 4, 2\})$	175104
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 3^2, 2^3\})$	352256
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 4^2, 3^2\})$	1409024
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 6, 2^4\})$	172032
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 6, 3^3\})$	1400832
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 6, 4^2, 2\})$	688128
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 6^2, 3, 2\})$	696320
24	$\mathcal{O}(0; \{24^4, 12^3, 3, 2^6\})$	44032
24	$\mathcal{O}(0; \{24^4, 12^3, 3^4, 2^2\})$	349184
24	$\mathcal{O}(0; \{24^4, 12^3, 4^2, 3, 2^3\})$	176128
24	$\mathcal{O}(0; \{24^4, 12^3, 4^4, 3\})$	704512
24	$\mathcal{O}(0; \{24^4, 12^3, 6, 3^2, 2^3\})$	175104
24	$\mathcal{O}(0; \{24^4, 12^3, 6, 4^2, 3^2\})$	700416
24	$\mathcal{O}(0; \{24^4, 12^3, 6^2, 2^4\})$	87040
24	$\mathcal{O}(0; \{24^4, 12^3, 6^2, 3^3\})$	699392
24	$\mathcal{O}(0; \{24^4, 12^3, 6^2, 4^2, 2\})$	348160
24	$\mathcal{O}(0; \{24^4, 12^3, 6^3, 3, 2\})$	349184
24	$\mathcal{O}(0; \{24^4, 12^3, 8^2, 4, 3, 2\})$	1409024

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^4, 12^4, 4, 2^4\})$	176128
24	$\mathcal{O}(0; \{24^4, 12^4, 4, 3^3\})$	1396736
24	$\mathcal{O}(0; \{24^4, 12^4, 4^3, 2\})$	704512
24	$\mathcal{O}(0; \{24^4, 12^4, 6, 4, 3, 2\})$	700416
24	$\mathcal{O}(0; \{24^4, 12^4, 8^2, 2^2\})$	1409024
24	$\mathcal{O}(0; \{24^4, 12^5, 3^2, 2\})$	1396736
24	$\mathcal{O}(0; \{24^4, 12^5, 6, 2^2\})$	700416
24	$\mathcal{O}(0; \{24^4, 12^7\})$	5586944
24	$\mathcal{O}(0; \{24^5, 8, 4, 3^2, 2^5\})$	86016
24	$\mathcal{O}(0; \{24^5, 8, 4, 3^5, 2\})$	700416
24	$\mathcal{O}(0; \{24^5, 8, 4^3, 3^2, 2^2\})$	344064
24	$\mathcal{O}(0; \{24^5, 8, 6, 4, 2^6\})$	45056
24	$\mathcal{O}(0; \{24^5, 8, 6, 4, 3^3, 2^2\})$	348160
24	$\mathcal{O}(0; \{24^5, 8, 6, 4^3, 2^3\})$	180224
24	$\mathcal{O}(0; \{24^5, 8, 6, 4^5\})$	720896
24	$\mathcal{O}(0; \{24^5, 8, 6^2, 4, 3, 2^3\})$	176128
24	$\mathcal{O}(0; \{24^5, 8, 6^2, 4^3, 3\})$	704512
24	$\mathcal{O}(0; \{24^5, 8, 6^3, 4, 3^2\})$	700416
24	$\mathcal{O}(0; \{24^5, 8, 6^4, 4, 2\})$	348160
24	$\mathcal{O}(0; \{24^5, 8^3, 3^2, 2^3\})$	688128
24	$\mathcal{O}(0; \{24^5, 8^3, 4^2, 3^2\})$	2752512
24	$\mathcal{O}(0; \{24^5, 8^3, 6, 2^4\})$	360448
24	$\mathcal{O}(0; \{24^5, 8^3, 6, 3^3\})$	2785280
24	$\mathcal{O}(0; \{24^5, 8^3, 6, 4^2, 2\})$	1441792
24	$\mathcal{O}(0; \{24^5, 8^3, 6^2, 3, 2\})$	1409024
24	$\mathcal{O}(0; \{24^5, 12, 8, 3, 2^6\})$	86016
24	$\mathcal{O}(0; \{24^5, 12, 8, 3^4, 2^2\})$	700416
24	$\mathcal{O}(0; \{24^5, 12, 8, 4^2, 3, 2^3\})$	344064
24	$\mathcal{O}(0; \{24^5, 12, 8, 4^4, 3\})$	1376256
24	$\mathcal{O}(0; \{24^5, 12, 8, 6, 3^2, 2^3\})$	348160
24	$\mathcal{O}(0; \{24^5, 12, 8, 6, 4^2, 3^2\})$	1392640
24	$\mathcal{O}(0; \{24^5, 12, 8, 6^2, 2^4\})$	176128
24	$\mathcal{O}(0; \{24^5, 12, 8, 6^2, 3^3\})$	1396736
24	$\mathcal{O}(0; \{24^5, 12, 8, 6^2, 4^2, 2\})$	704512
24	$\mathcal{O}(0; \{24^5, 12, 8, 6^3, 3, 2\})$	700416
24	$\mathcal{O}(0; \{24^5, 12, 8^3, 4, 3, 2\})$	2752512
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 4, 2^4\})$	344064
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 4, 3^3\})$	2801664
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 4^3, 2\})$	1376256
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 6, 4, 3, 2\})$	1392640
24	$\mathcal{O}(0; \{24^5, 12^2, 8^3, 2^2\})$	2752512
24	$\mathcal{O}(0; \{24^5, 12^3, 8, 3^2, 2\})$	2801664
24	$\mathcal{O}(0; \{24^5, 12^3, 8, 6, 2^2\})$	1392640

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^5, 12^5, 8\})$	11206656
24	$\mathcal{O}(0; \{24^6, 2^9\})$	22528
24	$\mathcal{O}(0; \{24^6, 3^3, 2^5\})$	174080
24	$\mathcal{O}(0; \{24^6, 3^6, 2\})$	1398784
24	$\mathcal{O}(0; \{24^6, 4^2, 2^6\})$	90112
24	$\mathcal{O}(0; \{24^6, 4^2, 3^3, 2^2\})$	696320
24	$\mathcal{O}(0; \{24^6, 4^4, 2^3\})$	360448
24	$\mathcal{O}(0; \{24^6, 4^6\})$	1441792
24	$\mathcal{O}(0; \{24^6, 6, 3, 2^6\})$	88064
24	$\mathcal{O}(0; \{24^6, 6, 3^4, 2^2\})$	698368
24	$\mathcal{O}(0; \{24^6, 6, 4^2, 3, 2^3\})$	352256
24	$\mathcal{O}(0; \{24^6, 6, 4^4, 3\})$	1409024
24	$\mathcal{O}(0; \{24^6, 6^2, 3^2, 2^3\})$	350208
24	$\mathcal{O}(0; \{24^6, 6^2, 4^2, 3^2\})$	1400832
24	$\mathcal{O}(0; \{24^6, 6^3, 2^4\})$	174080
24	$\mathcal{O}(0; \{24^6, 6^3, 3^3\})$	1398784
24	$\mathcal{O}(0; \{24^6, 6^3, 4^2, 2\})$	696320
24	$\mathcal{O}(0; \{24^6, 6^4, 3, 2\})$	698368
24	$\mathcal{O}(0; \{24^6, 8^2, 4, 2^4\})$	720896
24	$\mathcal{O}(0; \{24^6, 8^2, 4, 3^3\})$	5570560
24	$\mathcal{O}(0; \{24^6, 8^2, 4^3, 2\})$	2883584
24	$\mathcal{O}(0; \{24^6, 8^2, 6, 4, 3, 2\})$	2818048
24	$\mathcal{O}(0; \{24^6, 8^4, 2^2\})$	5767168
24	$\mathcal{O}(0; \{24^6, 12, 4, 3^2, 2^3\})$	696320
24	$\mathcal{O}(0; \{24^6, 12, 4^3, 3^2\})$	2785280
24	$\mathcal{O}(0; \{24^6, 12, 6, 4, 2^4\})$	352256
24	$\mathcal{O}(0; \{24^6, 12, 6, 4, 3^3\})$	2793472
24	$\mathcal{O}(0; \{24^6, 12, 6, 4^3, 2\})$	1409024
24	$\mathcal{O}(0; \{24^6, 12, 6^2, 4, 3, 2\})$	1400832
24	$\mathcal{O}(0; \{24^6, 12, 8^2, 3^2, 2\})$	5570560
24	$\mathcal{O}(0; \{24^6, 12, 8^2, 6, 2^2\})$	2818048
24	$\mathcal{O}(0; \{24^6, 12^2, 3, 2^4\})$	696320
24	$\mathcal{O}(0; \{24^6, 12^2, 3^4\})$	5595136
24	$\mathcal{O}(0; \{24^6, 12^2, 4^2, 3, 2\})$	2785280
24	$\mathcal{O}(0; \{24^6, 12^2, 6, 3^2, 2\})$	2793472
24	$\mathcal{O}(0; \{24^6, 12^2, 6^2, 2^2\})$	1400832
24	$\mathcal{O}(0; \{24^6, 12^3, 4, 2^2\})$	2785280
24	$\mathcal{O}(0; \{24^6, 12^3, 8^2\})$	22282240
24	$\mathcal{O}(0; \{24^6, 12^4, 6\})$	11173888
24	$\mathcal{O}(0; \{24^7, 8, 3, 2^4\})$	1409024
24	$\mathcal{O}(0; \{24^7, 8, 3^4\})$	11173888
24	$\mathcal{O}(0; \{24^7, 8, 4^2, 3, 2\})$	5636096
24	$\mathcal{O}(0; \{24^7, 8, 6, 3^2, 2\})$	5603328

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^7, 8, 6^2, 2^2\})$	2785280
24	$\mathcal{O}(0; \{24^7, 12, 8, 4, 2^2\})$	5636096
24	$\mathcal{O}(0; \{24^7, 12, 8^3\})$	45088768
24	$\mathcal{O}(0; \{24^7, 12^2, 8, 6\})$	22413312
24	$\mathcal{O}(0; \{24^8, 4, 3^2, 2\})$	11206656
24	$\mathcal{O}(0; \{24^8, 6, 4, 2^2\})$	5570560
24	$\mathcal{O}(0; \{24^8, 8^2, 6\})$	44564480
24	$\mathcal{O}(0; \{24^8, 12, 3, 2^2\})$	11206656
24	$\mathcal{O}(0; \{24^8, 12, 6^2\})$	22347776
24	$\mathcal{O}(0; \{24^8, 12^2, 4\})$	44826624
24	$\mathcal{O}(0; \{24^9, 8, 4\})$	89128960
24	$\mathcal{O}(0; \{24^{10}, 3\})$	178782208
25	$\mathcal{O}(4; \{25^2\})$	3051757812500
25	$\mathcal{O}(2; \{25^2, 5^5\})$	8000000000
25	$\mathcal{O}(0; \{25^2, 5^{10}\})$	20971520
25	$\mathcal{O}(0; \{25^7, 5^4\})$	13104000000
26	$\mathcal{O}(2; \{13^5, 2^2\})$	8746520640
26	$\mathcal{O}(2; \{26^2, 13^4\})$	104963731392
26	$\mathcal{O}(1; \{13^5, 2^6\})$	12938640
26	$\mathcal{O}(1; \{26^2, 13^4, 2^4\})$	155271792
26	$\mathcal{O}(1; \{26^4, 13^3, 2^2\})$	1863253392
26	$\mathcal{O}(1; \{26^6, 13^2\})$	22359048816
26	$\mathcal{O}(0; \{13^5, 2^{10}\})$	19140
26	$\mathcal{O}(0; \{26^2, 13^4, 2^8\})$	229692
26	$\mathcal{O}(0; \{26^4, 13^3, 2^6\})$	2756292
26	$\mathcal{O}(0; \{26^6, 13^2, 2^4\})$	33075516
26	$\mathcal{O}(0; \{26^8, 13, 2^2\})$	396906180
26	$\mathcal{O}(0; \{26^{10}\})$	4762874172
27	$\mathcal{O}(4; \{3^2\})$	564772979520
27	$\mathcal{O}(3; \{3^5\})$	3868890480
27	$\mathcal{O}(3; \{9^3, 3\})$	13928005728
27	$\mathcal{O}(2; \{3^8\})$	45139680
27	$\mathcal{O}(2; \{9^3, 3^4\})$	151165440
27	$\mathcal{O}(2; \{9^6\})$	2806008480
27	$\mathcal{O}(2; \{27^3, 9^2, 3\})$	6198727824
27	$\mathcal{O}(1; \{3^{11}\})$	441936
27	$\mathcal{O}(1; \{9^3, 3^7\})$	1492992
27	$\mathcal{O}(1; \{9^6, 3^3\})$	27713664
27	$\mathcal{O}(1; \{27^3, 9^2, 3^4\})$	68024448
27	$\mathcal{O}(1; \{27^3, 9^5\})$	918330048
27	$\mathcal{O}(1; \{27^6, 9, 3\})$	11364334344
27	$\mathcal{O}(0; \{27^3, 9^2, 3^7\})$	746496
27	$\mathcal{O}(0; \{27^3, 9^5, 3^3\})$	10077696

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
27	$\mathcal{O}(0; \{27^6, 9, 3^4\})$	124711488
27	$\mathcal{O}(0; \{27^6, 9^4\})$	1683605088
27	$\mathcal{O}(0; \{27^9, 3\})$	14635885140
28	$\mathcal{O}(3; \{28, 7, 4, 2\})$	5782683648
28	$\mathcal{O}(2; \{7^3, 4^2, 2^2\})$	36879360
28	$\mathcal{O}(2; \{14^2, 7^2, 4^2\})$	228652032
28	$\mathcal{O}(2; \{28, 7, 4, 2^5\})$	7375872
28	$\mathcal{O}(2; \{28, 7, 4^3, 2^2\})$	29503488
28	$\mathcal{O}(2; \{28, 14^2, 4, 2^3\})$	36879360
28	$\mathcal{O}(2; \{28, 14^2, 4^3\})$	147517440
28	$\mathcal{O}(2; \{28^2, 14, 7^2, 2\})$	1364536320
28	$\mathcal{O}(2; \{28^3, 14, 4, 2\})$	914608128
28	$\mathcal{O}(1; \{7^3, 4^2, 2^6\})$	47040
28	$\mathcal{O}(1; \{7^3, 4^4, 2^3\})$	188160
28	$\mathcal{O}(1; \{7^3, 4^6\})$	752640
28	$\mathcal{O}(1; \{14^2, 7^2, 4^2, 2^4\})$	291648
28	$\mathcal{O}(1; \{14^2, 7^2, 4^4, 2\})$	1166592
28	$\mathcal{O}(1; \{14^4, 7, 4^2, 2^2\})$	1740480
28	$\mathcal{O}(1; \{14^6, 4^2\})$	10452288
28	$\mathcal{O}(1; \{28, 7, 4, 2^9\})$	9408
28	$\mathcal{O}(1; \{28, 7, 4^3, 2^6\})$	37632
28	$\mathcal{O}(1; \{28, 7, 4^5, 2^3\})$	150528
28	$\mathcal{O}(1; \{28, 7, 4^7\})$	602112
28	$\mathcal{O}(1; \{28, 14, 7^4, 4, 2^2\})$	10452288
28	$\mathcal{O}(1; \{28, 14^2, 4, 2^7\})$	47040
28	$\mathcal{O}(1; \{28, 14^2, 4^3, 2^4\})$	188160
28	$\mathcal{O}(1; \{28, 14^2, 4^5, 2\})$	752640
28	$\mathcal{O}(1; \{28, 14^3, 7^3, 4\})$	62704320
28	$\mathcal{O}(1; \{28^2, 7^6\})$	376235328
28	$\mathcal{O}(1; \{28^2, 14, 7^2, 2^5\})$	1740480
28	$\mathcal{O}(1; \{28^2, 14, 7^2, 4^2, 2^2\})$	6961920
28	$\mathcal{O}(1; \{28^2, 14^3, 7, 2^3\})$	10452288
28	$\mathcal{O}(1; \{28^2, 14^3, 7, 4^2\})$	41809152
28	$\mathcal{O}(1; \{28^2, 14^5, 2\})$	62704320
28	$\mathcal{O}(1; \{28^3, 7^4, 4\})$	250817280
28	$\mathcal{O}(1; \{28^3, 14, 4, 2^5\})$	1166592
28	$\mathcal{O}(1; \{28^3, 14, 4^3, 2^2\})$	4666368
28	$\mathcal{O}(1; \{28^4, 7^2, 2^3\})$	41809152
28	$\mathcal{O}(1; \{28^4, 7^2, 4^2\})$	167236608
28	$\mathcal{O}(1; \{28^4, 14^2, 7, 2\})$	250817280
28	$\mathcal{O}(1; \{28^5, 4, 2^3\})$	27847680
28	$\mathcal{O}(1; \{28^5, 4^3\})$	111390720
28	$\mathcal{O}(0; \{7^3, 4^2, 2^{10}\})$	60

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(0; \{7^3, 4^4, 2^7\})$	240
28	$\mathcal{O}(0; \{7^3, 4^6, 2^4\})$	960
28	$\mathcal{O}(0; \{7^3, 4^8, 2\})$	3840
28	$\mathcal{O}(0; \{14, 7^6, 4^2, 2^3\})$	79980
28	$\mathcal{O}(0; \{14, 7^6, 4^4\})$	319920
28	$\mathcal{O}(0; \{14^2, 7^2, 4^2, 2^8\})$	372
28	$\mathcal{O}(0; \{14^2, 7^2, 4^4, 2^5\})$	1488
28	$\mathcal{O}(0; \{14^2, 7^2, 4^6, 2^2\})$	5952
28	$\mathcal{O}(0; \{14^3, 7^5, 4^2, 2\})$	479892
28	$\mathcal{O}(0; \{14^4, 7, 4^2, 2^6\})$	2220
28	$\mathcal{O}(0; \{14^4, 7, 4^4, 2^3\})$	8880
28	$\mathcal{O}(0; \{14^4, 7, 4^6\})$	35520
28	$\mathcal{O}(0; \{14^6, 4^2, 2^4\})$	13332
28	$\mathcal{O}(0; \{14^6, 4^4, 2\})$	53328
28	$\mathcal{O}(0; \{28, 7, 4, 2^{13}\})$	12
28	$\mathcal{O}(0; \{28, 7, 4^3, 2^{10}\})$	48
28	$\mathcal{O}(0; \{28, 7, 4^5, 2^7\})$	192
28	$\mathcal{O}(0; \{28, 7, 4^7, 2^4\})$	768
28	$\mathcal{O}(0; \{28, 7, 4^9, 2\})$	3072
28	$\mathcal{O}(0; \{28, 7^8, 4, 2\})$	2879340
28	$\mathcal{O}(0; \{28, 14, 7^4, 4, 2^6\})$	13332
28	$\mathcal{O}(0; \{28, 14, 7^4, 4^3, 2^3\})$	53328
28	$\mathcal{O}(0; \{28, 14, 7^4, 4^5\})$	213312
28	$\mathcal{O}(0; \{28, 14^2, 4, 2^{11}\})$	60
28	$\mathcal{O}(0; \{28, 14^2, 4^3, 2^8\})$	240
28	$\mathcal{O}(0; \{28, 14^2, 4^5, 2^5\})$	960
28	$\mathcal{O}(0; \{28, 14^2, 4^7, 2^2\})$	3840
28	$\mathcal{O}(0; \{28, 14^3, 7^3, 4, 2^4\})$	79980
28	$\mathcal{O}(0; \{28, 14^3, 7^3, 4^3, 2\})$	319920
28	$\mathcal{O}(0; \{28, 14^5, 7^2, 4, 2^2\})$	479892
28	$\mathcal{O}(0; \{28, 14^7, 7, 4\})$	2879340
28	$\mathcal{O}(0; \{28^2, 7^6, 2^4\})$	479892
28	$\mathcal{O}(0; \{28^2, 7^6, 4^2, 2\})$	1919568
28	$\mathcal{O}(0; \{28^2, 14, 7^2, 2^9\})$	2220
28	$\mathcal{O}(0; \{28^2, 14, 7^2, 4^2, 2^6\})$	8880
28	$\mathcal{O}(0; \{28^2, 14, 7^2, 4^4, 2^3\})$	35520
28	$\mathcal{O}(0; \{28^2, 14, 7^2, 4^6\})$	142080
28	$\mathcal{O}(0; \{28^2, 14^2, 7^5, 2^2\})$	2879340
28	$\mathcal{O}(0; \{28^2, 14^3, 7, 2^7\})$	13332
28	$\mathcal{O}(0; \{28^2, 14^3, 7, 4^2, 2^4\})$	53328
28	$\mathcal{O}(0; \{28^2, 14^3, 7, 4^4, 2\})$	213312
28	$\mathcal{O}(0; \{28^2, 14^4, 7^4\})$	17276052
28	$\mathcal{O}(0; \{28^2, 14^5, 2^5\})$	79980

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_{\mathcal{O}}(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(0; \{28^2, 14^5, 4^2, 2^2\})$	319920
28	$\mathcal{O}(0; \{28^3, 7^4, 4, 2^4\})$	319920
28	$\mathcal{O}(0; \{28^3, 7^4, 4^3, 2\})$	1279680
28	$\mathcal{O}(0; \{28^3, 14, 4, 2^9\})$	1488
28	$\mathcal{O}(0; \{28^3, 14, 4^3, 2^6\})$	5952
28	$\mathcal{O}(0; \{28^3, 14, 4^5, 2^3\})$	23808
28	$\mathcal{O}(0; \{28^3, 14, 4^7\})$	95232
28	$\mathcal{O}(0; \{28^3, 14^2, 7^3, 4, 2^2\})$	1919568
28	$\mathcal{O}(0; \{28^3, 14^4, 7^2, 4\})$	11517360
28	$\mathcal{O}(0; \{28^4, 7^2, 2^7\})$	53328
28	$\mathcal{O}(0; \{28^4, 7^2, 4^2, 2^4\})$	213312
28	$\mathcal{O}(0; \{28^4, 7^2, 4^4, 2\})$	853248
28	$\mathcal{O}(0; \{28^4, 14, 7^5\})$	69104208
28	$\mathcal{O}(0; \{28^4, 14^2, 7, 2^5\})$	319920
28	$\mathcal{O}(0; \{28^4, 14^2, 7, 4^2, 2^2\})$	1279680
28	$\mathcal{O}(0; \{28^4, 14^4, 2^3\})$	1919568
28	$\mathcal{O}(0; \{28^4, 14^4, 4^2\})$	7678272
28	$\mathcal{O}(0; \{28^5, 4, 2^7\})$	35520
28	$\mathcal{O}(0; \{28^5, 4^3, 2^4\})$	142080
28	$\mathcal{O}(0; \{28^5, 4^5, 2\})$	568320
28	$\mathcal{O}(0; \{28^5, 14, 7^3, 4\})$	46069440
28	$\mathcal{O}(0; \{28^6, 14, 7, 2^3\})$	7678272
28	$\mathcal{O}(0; \{28^6, 14, 7, 4^2\})$	30713088
28	$\mathcal{O}(0; \{28^6, 14^3, 2\})$	46069440
28	$\mathcal{O}(0; \{28^8, 7, 2\})$	184277760
29	$\mathcal{O}(2; \{29^3\})$	419742982260
30	$\mathcal{O}(3; \{5^2, 2^2\})$	2912000000
30	$\mathcal{O}(3; \{10^2, 5\})$	8736000000
30	$\mathcal{O}(3; \{30, 6, 5\})$	5832000000
30	$\mathcal{O}(3; \{30^2, 3\})$	5832000000
30	$\mathcal{O}(2; \{5^2, 2^6\})$	3200000
30	$\mathcal{O}(2; \{5^2, 3^3, 2^2\})$	6480000
30	$\mathcal{O}(2; \{6, 5^2, 3, 2^3\})$	6480000
30	$\mathcal{O}(2; \{6^2, 5^2, 3^2\})$	19440000
30	$\mathcal{O}(2; \{6^3, 5^2, 2\})$	6480000
30	$\mathcal{O}(2; \{10, 5^4, 2\})$	163200000
30	$\mathcal{O}(2; \{10^2, 5, 2^4\})$	9600000
30	$\mathcal{O}(2; \{10^2, 5, 3^3\})$	19440000
30	$\mathcal{O}(2; \{10^2, 6, 5, 3, 2\})$	19440000
30	$\mathcal{O}(2; \{10^4, 2^2\})$	41600000
30	$\mathcal{O}(2; \{15, 10, 5^2, 3, 2\})$	84240000
30	$\mathcal{O}(2; \{15^2, 10, 3^2, 2\})$	58320000
30	$\mathcal{O}(2; \{15^2, 10, 6, 2^2\})$	19440000

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(2; \{15^3, 5, 2^2\})$	84240000
30	$\mathcal{O}(2; \{15^3, 10^2\})$	330480000
30	$\mathcal{O}(2; \{30, 5, 3^2, 2^3\})$	6480000
30	$\mathcal{O}(2; \{30, 6, 5, 2^4\})$	6480000
30	$\mathcal{O}(2; \{30, 6, 5, 3^3\})$	32400000
30	$\mathcal{O}(2; \{30, 6^2, 5, 3, 2\})$	19440000
30	$\mathcal{O}(2; \{30, 10^2, 3^2, 2\})$	19440000
30	$\mathcal{O}(2; \{30, 10^2, 6, 2^2\})$	19440000
30	$\mathcal{O}(2; \{30, 15, 10, 5, 2^2\})$	84240000
30	$\mathcal{O}(2; \{30, 15, 10^3\})$	330480000
30	$\mathcal{O}(2; \{30, 15^3, 6\})$	421200000
30	$\mathcal{O}(2; \{30^2, 3, 2^4\})$	6480000
30	$\mathcal{O}(2; \{30^2, 3^4\})$	71280000
30	$\mathcal{O}(2; \{30^2, 6, 3^2, 2\})$	32400000
30	$\mathcal{O}(2; \{30^2, 6^2, 2^2\})$	19440000
30	$\mathcal{O}(2; \{30^2, 15, 10, 6\})$	252720000
30	$\mathcal{O}(2; \{30^2, 15^2, 5\})$	991440000
30	$\mathcal{O}(2; \{30^3, 10, 5\})$	330480000
30	$\mathcal{O}(1; \{5^2, 2^{10}\})$	3200
30	$\mathcal{O}(1; \{5^2, 3^3, 2^6\})$	7200
30	$\mathcal{O}(1; \{5^2, 3^6, 2^2\})$	79200
30	$\mathcal{O}(1; \{5^7, 2^2\})$	2620800
30	$\mathcal{O}(1; \{6, 5^2, 3, 2^7\})$	7200
30	$\mathcal{O}(1; \{6, 5^2, 3^4, 2^3\})$	36000
30	$\mathcal{O}(1; \{6^2, 5^2, 3^2, 2^4\})$	21600
30	$\mathcal{O}(1; \{6^2, 5^2, 3^5\})$	151200
30	$\mathcal{O}(1; \{6^3, 5^2, 2^5\})$	7200
30	$\mathcal{O}(1; \{6^3, 5^2, 3^3, 2\})$	79200
30	$\mathcal{O}(1; \{6^4, 5^2, 3, 2^2\})$	36000
30	$\mathcal{O}(1; \{6^6, 5^2\})$	79200
30	$\mathcal{O}(1; \{10, 5^4, 2^5\})$	163200
30	$\mathcal{O}(1; \{10, 5^4, 3^3, 2\})$	367200
30	$\mathcal{O}(1; \{10, 6, 5^4, 3, 2^2\})$	367200
30	$\mathcal{O}(1; \{10, 6^3, 5^4\})$	367200
30	$\mathcal{O}(1; \{10^2, 5, 2^8\})$	9600
30	$\mathcal{O}(1; \{10^2, 5, 3^3, 2^4\})$	21600
30	$\mathcal{O}(1; \{10^2, 5, 3^6\})$	237600
30	$\mathcal{O}(1; \{10^2, 5^6\})$	10486400
30	$\mathcal{O}(1; \{10^2, 6, 5, 3, 2^5\})$	21600
30	$\mathcal{O}(1; \{10^2, 6, 5, 3^4, 2\})$	108000
30	$\mathcal{O}(1; \{10^2, 6^2, 5, 3^2, 2^2\})$	64800
30	$\mathcal{O}(1; \{10^2, 6^3, 5, 2^3\})$	21600
30	$\mathcal{O}(1; \{10^2, 6^4, 5, 3\})$	108000

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{10^3, 5^3, 2^3\})$	656000
30	$\mathcal{O}(1; \{10^3, 6, 5^3, 3\})$	1476000
30	$\mathcal{O}(1; \{10^4, 2^6\})$	41600
30	$\mathcal{O}(1; \{10^4, 3^3, 2^2\})$	93600
30	$\mathcal{O}(1; \{10^4, 6, 3, 2^3\})$	93600
30	$\mathcal{O}(1; \{10^4, 6^2, 3^2\})$	280800
30	$\mathcal{O}(1; \{10^4, 6^3, 2\})$	93600
30	$\mathcal{O}(1; \{10^5, 5^2, 2\})$	2620800
30	$\mathcal{O}(1; \{15, 5^5, 3, 2^2\})$	1476000
30	$\mathcal{O}(1; \{15, 6^2, 5^5\})$	1476000
30	$\mathcal{O}(1; \{15, 10, 5^2, 3, 2^5\})$	93600
30	$\mathcal{O}(1; \{15, 10, 5^2, 3^4, 2\})$	468000
30	$\mathcal{O}(1; \{15, 10, 6, 5^2, 3^2, 2^2\})$	280800
30	$\mathcal{O}(1; \{15, 10, 6^2, 5^2, 2^3\})$	93600
30	$\mathcal{O}(1; \{15, 10, 6^3, 5^2, 3\})$	468000
30	$\mathcal{O}(1; \{15, 10^2, 5^4, 3\})$	5896800
30	$\mathcal{O}(1; \{15, 10^3, 5, 3, 2^3\})$	367200
30	$\mathcal{O}(1; \{15, 10^3, 6, 5, 3^2\})$	1101600
30	$\mathcal{O}(1; \{15, 10^3, 6^2, 5, 2\})$	367200
30	$\mathcal{O}(1; \{15, 10^5, 3, 2\})$	1476000
30	$\mathcal{O}(1; \{15^2, 5^3, 3^2, 2^2\})$	1101600
30	$\mathcal{O}(1; \{15^2, 6, 5^3, 2^3\})$	367200
30	$\mathcal{O}(1; \{15^2, 6^2, 5^3, 3\})$	1836000
30	$\mathcal{O}(1; \{15^2, 10, 3^2, 2^5\})$	64800
30	$\mathcal{O}(1; \{15^2, 10, 3^5, 2\})$	453600
30	$\mathcal{O}(1; \{15^2, 10, 6, 2^6\})$	21600
30	$\mathcal{O}(1; \{15^2, 10, 6, 3^3, 2^2\})$	237600
30	$\mathcal{O}(1; \{15^2, 10, 6^2, 3, 2^3\})$	108000
30	$\mathcal{O}(1; \{15^2, 10, 6^3, 3^2\})$	453600
30	$\mathcal{O}(1; \{15^2, 10, 6^4, 2\})$	237600
30	$\mathcal{O}(1; \{15^2, 10^2, 5^2, 3^2\})$	4428000
30	$\mathcal{O}(1; \{15^2, 10^2, 6, 5^2, 2\})$	1476000
30	$\mathcal{O}(1; \{15^3, 5, 2^6\})$	93600
30	$\mathcal{O}(1; \{15^3, 5, 3^3, 2^2\})$	1029600
30	$\mathcal{O}(1; \{15^3, 6, 5, 3, 2^3\})$	468000
30	$\mathcal{O}(1; \{15^3, 6^2, 5, 3^2\})$	1965600
30	$\mathcal{O}(1; \{15^3, 6^3, 5, 2\})$	1029600
30	$\mathcal{O}(1; \{15^3, 10, 5^3, 2\})$	5896800
30	$\mathcal{O}(1; \{15^3, 10^2, 2^4\})$	367200
30	$\mathcal{O}(1; \{15^3, 10^2, 3^3\})$	4039200
30	$\mathcal{O}(1; \{15^3, 10^2, 6, 3, 2\})$	1836000
30	$\mathcal{O}(1; \{15^4, 10, 5, 3, 2\})$	7380000
30	$\mathcal{O}(1; \{15^6, 2^2\})$	16236000

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{30, 5, 3^2, 2^7\})$	7200
30	$\mathcal{O}(1; \{30, 5, 3^5, 2^3\})$	79200
30	$\mathcal{O}(1; \{30, 6, 5, 2^8\})$	7200
30	$\mathcal{O}(1; \{30, 6, 5, 3^3, 2^4\})$	36000
30	$\mathcal{O}(1; \{30, 6, 5, 3^6\})$	309600
30	$\mathcal{O}(1; \{30, 6, 5^6\})$	5896800
30	$\mathcal{O}(1; \{30, 6^2, 5, 3, 2^5\})$	21600
30	$\mathcal{O}(1; \{30, 6^2, 5, 3^4, 2\})$	151200
30	$\mathcal{O}(1; \{30, 6^3, 5, 3^2, 2^2\})$	79200
30	$\mathcal{O}(1; \{30, 6^4, 5, 2^3\})$	36000
30	$\mathcal{O}(1; \{30, 6^5, 5, 3\})$	151200
30	$\mathcal{O}(1; \{30, 10, 5^3, 3^2, 2^2\})$	367200
30	$\mathcal{O}(1; \{30, 10, 6, 5^3, 2^3\})$	367200
30	$\mathcal{O}(1; \{30, 10, 6^2, 5^3, 3\})$	1101600
30	$\mathcal{O}(1; \{30, 10^2, 3^2, 2^5\})$	21600
30	$\mathcal{O}(1; \{30, 10^2, 3^5, 2\})$	237600
30	$\mathcal{O}(1; \{30, 10^2, 6, 2^6\})$	21600
30	$\mathcal{O}(1; \{30, 10^2, 6, 3^3, 2^2\})$	108000
30	$\mathcal{O}(1; \{30, 10^2, 6^2, 3, 2^3\})$	64800
30	$\mathcal{O}(1; \{30, 10^2, 6^3, 3^2\})$	237600
30	$\mathcal{O}(1; \{30, 10^2, 6^4, 2\})$	108000
30	$\mathcal{O}(1; \{30, 10^3, 5^2, 3^2\})$	1476000
30	$\mathcal{O}(1; \{30, 10^3, 6, 5^2, 2\})$	1476000
30	$\mathcal{O}(1; \{30, 15, 5^4, 2^3\})$	1476000
30	$\mathcal{O}(1; \{30, 15, 6, 5^4, 3\})$	4428000
30	$\mathcal{O}(1; \{30, 15, 10, 5, 2^6\})$	93600
30	$\mathcal{O}(1; \{30, 15, 10, 5, 3^3, 2^2\})$	468000
30	$\mathcal{O}(1; \{30, 15, 10, 6, 5, 3, 2^3\})$	280800
30	$\mathcal{O}(1; \{30, 15, 10, 6^2, 5, 3^2\})$	1029600
30	$\mathcal{O}(1; \{30, 15, 10, 6^3, 5, 2\})$	468000
30	$\mathcal{O}(1; \{30, 15, 10^2, 5^3, 2\})$	5896800
30	$\mathcal{O}(1; \{30, 15, 10^3, 2^4\})$	367200
30	$\mathcal{O}(1; \{30, 15, 10^3, 3^3\})$	1836000
30	$\mathcal{O}(1; \{30, 15, 10^3, 6, 3, 2\})$	1101600
30	$\mathcal{O}(1; \{30, 15^2, 5^2, 3, 2^3\})$	1101600
30	$\mathcal{O}(1; \{30, 15^2, 6, 5^2, 3^2\})$	4039200
30	$\mathcal{O}(1; \{30, 15^2, 6^2, 5^2, 2\})$	1836000
30	$\mathcal{O}(1; \{30, 15^2, 10^2, 5, 3, 2\})$	4428000
30	$\mathcal{O}(1; \{30, 15^3, 3^2, 2^3\})$	1029600
30	$\mathcal{O}(1; \{30, 15^3, 6, 2^4\})$	468000
30	$\mathcal{O}(1; \{30, 15^3, 6, 3^3\})$	4024800
30	$\mathcal{O}(1; \{30, 15^3, 6^2, 3, 2\})$	1965600
30	$\mathcal{O}(1; \{30, 15^4, 10, 2^2\})$	7380000

Continued on next page

Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{30^2, 3, 2^8\})$	7200
30	$\mathcal{O}(1; \{30^2, 3^4, 2^4\})$	79200
30	$\mathcal{O}(1; \{30^2, 3^7\})$	612000
30	$\mathcal{O}(1; \{30^2, 5^5, 3\})$	5896800
30	$\mathcal{O}(1; \{30^2, 6, 3^2, 2^5\})$	36000
30	$\mathcal{O}(1; \{30^2, 6, 3^5, 2\})$	309600
30	$\mathcal{O}(1; \{30^2, 6^2, 2^6\})$	21600
30	$\mathcal{O}(1; \{30^2, 6^2, 3^3, 2^2\})$	151200
30	$\mathcal{O}(1; \{30^2, 6^3, 3, 2^3\})$	79200
30	$\mathcal{O}(1; \{30^2, 6^4, 3^2\})$	309600
30	$\mathcal{O}(1; \{30^2, 6^5, 2\})$	151200
30	$\mathcal{O}(1; \{30^2, 10, 5^2, 3, 2^3\})$	367200
30	$\mathcal{O}(1; \{30^2, 10, 6, 5^2, 3^2\})$	1836000
30	$\mathcal{O}(1; \{30^2, 10, 6^2, 5^2, 2\})$	1101600
30	$\mathcal{O}(1; \{30^2, 10^3, 5, 3, 2\})$	1476000
30	$\mathcal{O}(1; \{30^2, 15, 5^3, 3^2\})$	7380000
30	$\mathcal{O}(1; \{30^2, 15, 6, 5^3, 2\})$	4428000
30	$\mathcal{O}(1; \{30^2, 15, 10, 3^2, 2^3\})$	468000
30	$\mathcal{O}(1; \{30^2, 15, 10, 6, 2^4\})$	280800
30	$\mathcal{O}(1; \{30^2, 15, 10, 6, 3^3\})$	1965600
30	$\mathcal{O}(1; \{30^2, 15, 10, 6^2, 3, 2\})$	1029600
30	$\mathcal{O}(1; \{30^2, 15^2, 5, 2^4\})$	1101600
30	$\mathcal{O}(1; \{30^2, 15^2, 5, 3^3\})$	7711200
30	$\mathcal{O}(1; \{30^2, 15^2, 6, 5, 3, 2\})$	4039200
30	$\mathcal{O}(1; \{30^2, 15^2, 10^2, 2^2\})$	4428000
30	$\mathcal{O}(1; \{30^2, 15^5\})$	123832800
30	$\mathcal{O}(1; \{30^3, 5^4, 2\})$	5896800
30	$\mathcal{O}(1; \{30^3, 10, 5, 2^4\})$	367200
30	$\mathcal{O}(1; \{30^3, 10, 5, 3^3\})$	4039200
30	$\mathcal{O}(1; \{30^3, 10, 6, 5, 3, 2\})$	1836000
30	$\mathcal{O}(1; \{30^3, 10^3, 2^2\})$	1476000
30	$\mathcal{O}(1; \{30^3, 15, 5^2, 3, 2\})$	7380000
30	$\mathcal{O}(1; \{30^3, 15^2, 3^2, 2\})$	7711200
30	$\mathcal{O}(1; \{30^3, 15^2, 6, 2^2\})$	4039200
30	$\mathcal{O}(1; \{30^3, 15^3, 10\})$	64864800
30	$\mathcal{O}(1; \{30^4, 10, 3^2, 2\})$	4039200
30	$\mathcal{O}(1; \{30^4, 10, 6, 2^2\})$	1836000
30	$\mathcal{O}(1; \{30^4, 15, 5, 2^2\})$	7380000
30	$\mathcal{O}(1; \{30^4, 15, 10^2\})$	29484000
30	$\mathcal{O}(1; \{30^5, 15, 6\})$	30996000
30	$\mathcal{O}(1; \{30^6, 5\})$	64864800
30	$\mathcal{O}(0; \{5^2, 3^3, 2^{10}\})$	8
30	$\mathcal{O}(0; \{5^2, 3^6, 2^6\})$	88

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{5^2, 3^9, 2^2\})$	680
30	$\mathcal{O}(0; \{5^7, 3^3, 2^2\})$	6552
30	$\mathcal{O}(0; \{6, 5^2, 3, 2^{11}\})$	8
30	$\mathcal{O}(0; \{6, 5^2, 3^4, 2^7\})$	40
30	$\mathcal{O}(0; \{6, 5^2, 3^7, 2^3\})$	344
30	$\mathcal{O}(0; \{6, 5^7, 3, 2^3\})$	6552
30	$\mathcal{O}(0; \{6^2, 5^2, 3^2, 2^8\})$	24
30	$\mathcal{O}(0; \{6^2, 5^2, 3^5, 2^4\})$	168
30	$\mathcal{O}(0; \{6^2, 5^2, 3^8\})$	1368
30	$\mathcal{O}(0; \{6^2, 5^7, 3^2\})$	19656
30	$\mathcal{O}(0; \{6^3, 5^2, 2^9\})$	8
30	$\mathcal{O}(0; \{6^3, 5^2, 3^3, 2^5\})$	88
30	$\mathcal{O}(0; \{6^3, 5^2, 3^6, 2\})$	680
30	$\mathcal{O}(0; \{6^3, 5^7, 2\})$	6552
30	$\mathcal{O}(0; \{6^4, 5^2, 3, 2^6\})$	40
30	$\mathcal{O}(0; \{6^4, 5^2, 3^4, 2^2\})$	344
30	$\mathcal{O}(0; \{6^5, 5^2, 3^2, 2^3\})$	168
30	$\mathcal{O}(0; \{6^6, 5^2, 2^4\})$	88
30	$\mathcal{O}(0; \{6^6, 5^2, 3^3\})$	680
30	$\mathcal{O}(0; \{6^7, 5^2, 3, 2\})$	344
30	$\mathcal{O}(0; \{10, 5^4, 3^3, 2^5\})$	408
30	$\mathcal{O}(0; \{10, 5^4, 3^6, 2\})$	4488
30	$\mathcal{O}(0; \{10, 6, 5^4, 3, 2^6\})$	408
30	$\mathcal{O}(0; \{10, 6, 5^4, 3^4, 2^2\})$	2040
30	$\mathcal{O}(0; \{10, 6^2, 5^4, 3^2, 2^3\})$	1224
30	$\mathcal{O}(0; \{10, 6^3, 5^4, 2^4\})$	408
30	$\mathcal{O}(0; \{10, 6^3, 5^4, 3^3\})$	4488
30	$\mathcal{O}(0; \{10, 6^4, 5^4, 3, 2\})$	2040
30	$\mathcal{O}(0; \{10^2, 5, 3^3, 2^8\})$	24
30	$\mathcal{O}(0; \{10^2, 5, 3^6, 2^4\})$	264
30	$\mathcal{O}(0; \{10^2, 5, 3^9\})$	2040
30	$\mathcal{O}(0; \{10^2, 5^6, 3^3\})$	26216
30	$\mathcal{O}(0; \{10^2, 6, 5, 3, 2^9\})$	24
30	$\mathcal{O}(0; \{10^2, 6, 5, 3^4, 2^5\})$	120
30	$\mathcal{O}(0; \{10^2, 6, 5, 3^7, 2\})$	1032
30	$\mathcal{O}(0; \{10^2, 6, 5^6, 3, 2\})$	26216
30	$\mathcal{O}(0; \{10^2, 6^2, 5, 3^2, 2^6\})$	72
30	$\mathcal{O}(0; \{10^2, 6^2, 5, 3^5, 2^2\})$	504
30	$\mathcal{O}(0; \{10^2, 6^3, 5, 2^7\})$	24
30	$\mathcal{O}(0; \{10^2, 6^3, 5, 3^3, 2^3\})$	264
30	$\mathcal{O}(0; \{10^2, 6^4, 5, 3, 2^4\})$	120
30	$\mathcal{O}(0; \{10^2, 6^4, 5, 3^4\})$	1032
30	$\mathcal{O}(0; \{10^2, 6^5, 5, 3^2, 2\})$	504

Continued on next page

Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{10^2, 6^6, 5, 2^2\})$	264
30	$\mathcal{O}(0; \{10^3, 5^3, 3^3, 2^3\})$	1640
30	$\mathcal{O}(0; \{10^3, 6, 5^3, 3, 2^4\})$	1640
30	$\mathcal{O}(0; \{10^3, 6, 5^3, 3^4\})$	8200
30	$\mathcal{O}(0; \{10^3, 6^2, 5^3, 3^2, 2\})$	4920
30	$\mathcal{O}(0; \{10^3, 6^3, 5^3, 2^2\})$	1640
30	$\mathcal{O}(0; \{10^4, 3^3, 2^6\})$	104
30	$\mathcal{O}(0; \{10^4, 3^6, 2^2\})$	1144
30	$\mathcal{O}(0; \{10^4, 6, 3, 2^7\})$	104
30	$\mathcal{O}(0; \{10^4, 6, 3^4, 2^3\})$	520
30	$\mathcal{O}(0; \{10^4, 6^2, 3^2, 2^4\})$	312
30	$\mathcal{O}(0; \{10^4, 6^2, 3^5\})$	2184
30	$\mathcal{O}(0; \{10^4, 6^3, 2^5\})$	104
30	$\mathcal{O}(0; \{10^4, 6^3, 3^3, 2\})$	1144
30	$\mathcal{O}(0; \{10^4, 6^4, 3, 2^2\})$	520
30	$\mathcal{O}(0; \{10^4, 6^6\})$	1144
30	$\mathcal{O}(0; \{10^5, 5^2, 3^3, 2\})$	6552
30	$\mathcal{O}(0; \{10^5, 6, 5^2, 3, 2^2\})$	6552
30	$\mathcal{O}(0; \{10^5, 6^3, 5^2\})$	6552
30	$\mathcal{O}(0; \{10^7, 6, 5, 3\})$	26216
30	$\mathcal{O}(0; \{15, 5^5, 3, 2^6\})$	1640
30	$\mathcal{O}(0; \{15, 5^5, 3^4, 2^2\})$	8200
30	$\mathcal{O}(0; \{15, 6, 5^5, 3^2, 2^3\})$	4920
30	$\mathcal{O}(0; \{15, 6^2, 5^5, 2^4\})$	1640
30	$\mathcal{O}(0; \{15, 6^2, 5^5, 3^3\})$	18040
30	$\mathcal{O}(0; \{15, 6^3, 5^5, 3, 2\})$	8200
30	$\mathcal{O}(0; \{15, 10, 5^2, 3, 2^9\})$	104
30	$\mathcal{O}(0; \{15, 10, 5^2, 3^4, 2^5\})$	520
30	$\mathcal{O}(0; \{15, 10, 5^2, 3^7, 2\})$	4472
30	$\mathcal{O}(0; \{15, 10, 5^7, 3, 2\})$	104856
30	$\mathcal{O}(0; \{15, 10, 6, 5^2, 3^2, 2^6\})$	312
30	$\mathcal{O}(0; \{15, 10, 6, 5^2, 3^5, 2^2\})$	2184
30	$\mathcal{O}(0; \{15, 10, 6^2, 5^2, 2^7\})$	104
30	$\mathcal{O}(0; \{15, 10, 6^2, 5^2, 3^3, 2^3\})$	1144
30	$\mathcal{O}(0; \{15, 10, 6^3, 5^2, 3, 2^4\})$	520
30	$\mathcal{O}(0; \{15, 10, 6^3, 5^2, 3^4\})$	4472
30	$\mathcal{O}(0; \{15, 10, 6^4, 5^2, 3^2, 2\})$	2184
30	$\mathcal{O}(0; \{15, 10, 6^5, 5^2, 2^2\})$	1144
30	$\mathcal{O}(0; \{15, 10^2, 5^4, 3, 2^4\})$	6552
30	$\mathcal{O}(0; \{15, 10^2, 5^4, 3^4\})$	32760
30	$\mathcal{O}(0; \{15, 10^2, 6, 5^4, 3^2, 2\})$	19656
30	$\mathcal{O}(0; \{15, 10^2, 6^2, 5^4, 2^2\})$	6552
30	$\mathcal{O}(0; \{15, 10^3, 5, 3, 2^7\})$	408

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{15, 10^3, 5, 3^4, 2^3\})$	2040
30	$\mathcal{O}(0; \{15, 10^3, 6, 5, 3^2, 2^4\})$	1224
30	$\mathcal{O}(0; \{15, 10^3, 6, 5, 3^5\})$	8568
30	$\mathcal{O}(0; \{15, 10^3, 6^2, 5, 2^5\})$	408
30	$\mathcal{O}(0; \{15, 10^3, 6^2, 5, 3^3, 2\})$	4488
30	$\mathcal{O}(0; \{15, 10^3, 6^3, 5, 3, 2^2\})$	2040
30	$\mathcal{O}(0; \{15, 10^3, 6^5, 5\})$	4488
30	$\mathcal{O}(0; \{15, 10^4, 5^3, 3, 2^2\})$	26216
30	$\mathcal{O}(0; \{15, 10^4, 6^2, 5^3\})$	26216
30	$\mathcal{O}(0; \{15, 10^5, 3, 2^5\})$	1640
30	$\mathcal{O}(0; \{15, 10^5, 3^4, 2\})$	8200
30	$\mathcal{O}(0; \{15, 10^5, 6, 3^2, 2^2\})$	4920
30	$\mathcal{O}(0; \{15, 10^5, 6^2, 2^3\})$	1640
30	$\mathcal{O}(0; \{15, 10^5, 6^3, 3\})$	8200
30	$\mathcal{O}(0; \{15, 10^6, 5^2, 3\})$	104856
30	$\mathcal{O}(0; \{15^2, 5^3, 3^2, 2^6\})$	1224
30	$\mathcal{O}(0; \{15^2, 5^3, 3^5, 2^2\})$	8568
30	$\mathcal{O}(0; \{15^2, 6, 5^3, 2^7\})$	408
30	$\mathcal{O}(0; \{15^2, 6, 5^3, 3^3, 2^3\})$	4488
30	$\mathcal{O}(0; \{15^2, 6^2, 5^3, 3, 2^4\})$	2040
30	$\mathcal{O}(0; \{15^2, 6^2, 5^3, 3^4\})$	17544
30	$\mathcal{O}(0; \{15^2, 6^3, 5^3, 3^2, 2\})$	8568
30	$\mathcal{O}(0; \{15^2, 6^4, 5^3, 2^2\})$	4488
30	$\mathcal{O}(0; \{15^2, 10, 3^2, 2^9\})$	72
30	$\mathcal{O}(0; \{15^2, 10, 3^5, 2^5\})$	504
30	$\mathcal{O}(0; \{15^2, 10, 3^8, 2\})$	4104
30	$\mathcal{O}(0; \{15^2, 10, 5^5, 3^2, 2\})$	78648
30	$\mathcal{O}(0; \{15^2, 10, 6, 2^{10}\})$	24
30	$\mathcal{O}(0; \{15^2, 10, 6, 3^3, 2^6\})$	264
30	$\mathcal{O}(0; \{15^2, 10, 6, 3^6, 2^2\})$	2040
30	$\mathcal{O}(0; \{15^2, 10, 6, 5^5, 2^2\})$	26216
30	$\mathcal{O}(0; \{15^2, 10, 6^2, 3, 2^7\})$	120
30	$\mathcal{O}(0; \{15^2, 10, 6^2, 3^4, 2^3\})$	1032
30	$\mathcal{O}(0; \{15^2, 10, 6^3, 3^2, 2^4\})$	504
30	$\mathcal{O}(0; \{15^2, 10, 6^3, 3^5\})$	4104
30	$\mathcal{O}(0; \{15^2, 10, 6^4, 2^5\})$	264
30	$\mathcal{O}(0; \{15^2, 10, 6^4, 3^3, 2\})$	2040
30	$\mathcal{O}(0; \{15^2, 10, 6^5, 3, 2^2\})$	1032
30	$\mathcal{O}(0; \{15^2, 10, 6^7\})$	2040
30	$\mathcal{O}(0; \{15^2, 10^2, 5^2, 3^2, 2^4\})$	4920
30	$\mathcal{O}(0; \{15^2, 10^2, 5^2, 3^5\})$	34440
30	$\mathcal{O}(0; \{15^2, 10^2, 6, 5^2, 2^5\})$	1640
30	$\mathcal{O}(0; \{15^2, 10^2, 6, 5^2, 3^3, 2\})$	18040

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{15^2, 10^2, 6^2, 5^2, 3, 2^2\})$	8200
30	$\mathcal{O}(0; \{15^2, 10^2, 6^4, 5^2\})$	18040
30	$\mathcal{O}(0; \{15^2, 10^3, 6, 5^4\})$	104856
30	$\mathcal{O}(0; \{15^2, 10^4, 5, 3^2, 2^2\})$	19656
30	$\mathcal{O}(0; \{15^2, 10^4, 6, 5, 2^3\})$	6552
30	$\mathcal{O}(0; \{15^2, 10^4, 6^2, 5, 3\})$	32760
30	$\mathcal{O}(0; \{15^2, 10^6, 3^2\})$	78648
30	$\mathcal{O}(0; \{15^2, 10^6, 6, 2\})$	26216
30	$\mathcal{O}(0; \{15^3, 5, 2^{10}\})$	104
30	$\mathcal{O}(0; \{15^3, 5, 3^3, 2^6\})$	1144
30	$\mathcal{O}(0; \{15^3, 5, 3^6, 2^2\})$	8840
30	$\mathcal{O}(0; \{15^3, 5^6, 2^2\})$	104856
30	$\mathcal{O}(0; \{15^3, 6, 5, 3, 2^7\})$	520
30	$\mathcal{O}(0; \{15^3, 6, 5, 3^4, 2^3\})$	4472
30	$\mathcal{O}(0; \{15^3, 6^2, 5, 3^2, 2^4\})$	2184
30	$\mathcal{O}(0; \{15^3, 6^2, 5, 3^5\})$	17784
30	$\mathcal{O}(0; \{15^3, 6^3, 5, 2^5\})$	1144
30	$\mathcal{O}(0; \{15^3, 6^3, 5, 3^3, 2\})$	8840
30	$\mathcal{O}(0; \{15^3, 6^4, 5, 3, 2^2\})$	4472
30	$\mathcal{O}(0; \{15^3, 6^6, 5\})$	8840
30	$\mathcal{O}(0; \{15^3, 10, 5^3, 2^5\})$	6552
30	$\mathcal{O}(0; \{15^3, 10, 5^3, 3^3, 2\})$	72072
30	$\mathcal{O}(0; \{15^3, 10, 6, 5^3, 3, 2^2\})$	32760
30	$\mathcal{O}(0; \{15^3, 10, 6^3, 5^3\})$	72072
30	$\mathcal{O}(0; \{15^3, 10^2, 2^8\})$	408
30	$\mathcal{O}(0; \{15^3, 10^2, 3^3, 2^4\})$	4488
30	$\mathcal{O}(0; \{15^3, 10^2, 3^6\})$	34680
30	$\mathcal{O}(0; \{15^3, 10^2, 5^5\})$	419432
30	$\mathcal{O}(0; \{15^3, 10^2, 6, 3, 2^5\})$	2040
30	$\mathcal{O}(0; \{15^3, 10^2, 6, 3^4, 2\})$	17544
30	$\mathcal{O}(0; \{15^3, 10^2, 6^2, 3^2, 2^2\})$	8568
30	$\mathcal{O}(0; \{15^3, 10^2, 6^3, 2^3\})$	4488
30	$\mathcal{O}(0; \{15^3, 10^2, 6^4, 3\})$	17544
30	$\mathcal{O}(0; \{15^3, 10^3, 5^2, 2^3\})$	26216
30	$\mathcal{O}(0; \{15^3, 10^3, 6, 5^2, 3\})$	131080
30	$\mathcal{O}(0; \{15^3, 10^5, 5, 2\})$	104856
30	$\mathcal{O}(0; \{15^4, 5^4, 3, 2^2\})$	131080
30	$\mathcal{O}(0; \{15^4, 6^2, 5^4\})$	288376
30	$\mathcal{O}(0; \{15^4, 10, 5, 3, 2^5\})$	8200
30	$\mathcal{O}(0; \{15^4, 10, 5, 3^4, 2\})$	70520
30	$\mathcal{O}(0; \{15^4, 10, 6, 5, 3^2, 2^2\})$	34440
30	$\mathcal{O}(0; \{15^4, 10, 6^2, 5, 2^3\})$	18040
30	$\mathcal{O}(0; \{15^4, 10, 6^3, 5, 3\})$	70520

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{15^4, 10^2, 5^3, 3\})$	524280
30	$\mathcal{O}(0; \{15^4, 10^3, 3, 2^3\})$	32760
30	$\mathcal{O}(0; \{15^4, 10^3, 6, 3^2\})$	137592
30	$\mathcal{O}(0; \{15^4, 10^3, 6^2, 2\})$	72072
30	$\mathcal{O}(0; \{15^5, 5^2, 3^2, 2^2\})$	137592
30	$\mathcal{O}(0; \{15^5, 6, 5^2, 2^3\})$	72072
30	$\mathcal{O}(0; \{15^5, 6^2, 5^2, 3\})$	281736
30	$\mathcal{O}(0; \{15^5, 10^2, 5, 3^2\})$	550536
30	$\mathcal{O}(0; \{15^5, 10^2, 6, 5, 2\})$	288376
30	$\mathcal{O}(0; \{15^6, 2^6\})$	18040
30	$\mathcal{O}(0; \{15^6, 3^3, 2^2\})$	139400
30	$\mathcal{O}(0; \{15^6, 6, 3, 2^3\})$	70520
30	$\mathcal{O}(0; \{15^6, 6^2, 3^2\})$	280440
30	$\mathcal{O}(0; \{15^6, 6^3, 2\})$	139400
30	$\mathcal{O}(0; \{15^6, 10, 5^2, 2\})$	1153416
30	$\mathcal{O}(0; \{15^7, 10, 3, 2\})$	1127288
30	$\mathcal{O}(0; \{30, 5, 3^2, 2^{11}\})$	8
30	$\mathcal{O}(0; \{30, 5, 3^5, 2^7\})$	88
30	$\mathcal{O}(0; \{30, 5, 3^8, 2^3\})$	680
30	$\mathcal{O}(0; \{30, 5^6, 3^2, 2^3\})$	6552
30	$\mathcal{O}(0; \{30, 6, 5, 2^{12}\})$	8
30	$\mathcal{O}(0; \{30, 6, 5, 3^3, 2^8\})$	40
30	$\mathcal{O}(0; \{30, 6, 5, 3^6, 2^4\})$	344
30	$\mathcal{O}(0; \{30, 6, 5, 3^9\})$	2728
30	$\mathcal{O}(0; \{30, 6, 5^6, 2^4\})$	6552
30	$\mathcal{O}(0; \{30, 6, 5^6, 3^3\})$	32760
30	$\mathcal{O}(0; \{30, 6^2, 5, 3, 2^9\})$	24
30	$\mathcal{O}(0; \{30, 6^2, 5, 3^4, 2^5\})$	168
30	$\mathcal{O}(0; \{30, 6^2, 5, 3^7, 2\})$	1368
30	$\mathcal{O}(0; \{30, 6^2, 5^6, 3, 2\})$	19656
30	$\mathcal{O}(0; \{30, 6^3, 5, 3^2, 2^6\})$	88
30	$\mathcal{O}(0; \{30, 6^3, 5, 3^5, 2^2\})$	680
30	$\mathcal{O}(0; \{30, 6^4, 5, 2^7\})$	40
30	$\mathcal{O}(0; \{30, 6^4, 5, 3^3, 2^3\})$	344
30	$\mathcal{O}(0; \{30, 6^5, 5, 3, 2^4\})$	168
30	$\mathcal{O}(0; \{30, 6^5, 5, 3^4\})$	1368
30	$\mathcal{O}(0; \{30, 6^6, 5, 3^2, 2\})$	680
30	$\mathcal{O}(0; \{30, 6^7, 5, 2^2\})$	344
30	$\mathcal{O}(0; \{30, 10, 5^3, 3^2, 2^6\})$	408
30	$\mathcal{O}(0; \{30, 10, 5^3, 3^5, 2^2\})$	4488
30	$\mathcal{O}(0; \{30, 10, 6, 5^3, 2^7\})$	408
30	$\mathcal{O}(0; \{30, 10, 6, 5^3, 3^3, 2^3\})$	2040
30	$\mathcal{O}(0; \{30, 10, 6^2, 5^3, 3, 2^4\})$	1224

Continued on next page

Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30, 10, 6^2, 5^3, 3^4\})$	8568
30	$\mathcal{O}(0; \{30, 10, 6^3, 5^3, 3^2, 2\})$	4488
30	$\mathcal{O}(0; \{30, 10, 6^4, 5^3, 2^2\})$	2040
30	$\mathcal{O}(0; \{30, 10^2, 3^2, 2^9\})$	24
30	$\mathcal{O}(0; \{30, 10^2, 3^5, 2^5\})$	264
30	$\mathcal{O}(0; \{30, 10^2, 3^8, 2\})$	2040
30	$\mathcal{O}(0; \{30, 10^2, 5^5, 3^2, 2\})$	26216
30	$\mathcal{O}(0; \{30, 10^2, 6, 2^{10}\})$	24
30	$\mathcal{O}(0; \{30, 10^2, 6, 3^3, 2^6\})$	120
30	$\mathcal{O}(0; \{30, 10^2, 6, 3^6, 2^2\})$	1032
30	$\mathcal{O}(0; \{30, 10^2, 6, 5^5, 2^2\})$	26216
30	$\mathcal{O}(0; \{30, 10^2, 6^2, 3, 2^7\})$	72
30	$\mathcal{O}(0; \{30, 10^2, 6^2, 3^4, 2^3\})$	504
30	$\mathcal{O}(0; \{30, 10^2, 6^3, 3^2, 2^4\})$	264
30	$\mathcal{O}(0; \{30, 10^2, 6^3, 3^5\})$	2040
30	$\mathcal{O}(0; \{30, 10^2, 6^4, 2^5\})$	120
30	$\mathcal{O}(0; \{30, 10^2, 6^4, 3^3, 2\})$	1032
30	$\mathcal{O}(0; \{30, 10^2, 6^5, 3, 2^2\})$	504
30	$\mathcal{O}(0; \{30, 10^2, 6^7\})$	1032
30	$\mathcal{O}(0; \{30, 10^3, 5^2, 3^2, 2^4\})$	1640
30	$\mathcal{O}(0; \{30, 10^3, 5^2, 3^5\})$	18040
30	$\mathcal{O}(0; \{30, 10^3, 6, 5^2, 2^5\})$	1640
30	$\mathcal{O}(0; \{30, 10^3, 6, 5^2, 3^3, 2\})$	8200
30	$\mathcal{O}(0; \{30, 10^3, 6^2, 5^2, 3, 2^2\})$	4920
30	$\mathcal{O}(0; \{30, 10^3, 6^4, 5^2\})$	8200
30	$\mathcal{O}(0; \{30, 10^4, 6, 5^4\})$	104856
30	$\mathcal{O}(0; \{30, 10^5, 5, 3^2, 2^2\})$	6552
30	$\mathcal{O}(0; \{30, 10^5, 6, 5, 2^3\})$	6552
30	$\mathcal{O}(0; \{30, 10^5, 6^2, 5, 3\})$	19656
30	$\mathcal{O}(0; \{30, 10^7, 3^2\})$	26216
30	$\mathcal{O}(0; \{30, 10^7, 6, 2\})$	26216
30	$\mathcal{O}(0; \{30, 15, 5^4, 2^7\})$	1640
30	$\mathcal{O}(0; \{30, 15, 5^4, 3^3, 2^3\})$	8200
30	$\mathcal{O}(0; \{30, 15, 6, 5^4, 3, 2^4\})$	4920
30	$\mathcal{O}(0; \{30, 15, 6, 5^4, 3^4\})$	34440
30	$\mathcal{O}(0; \{30, 15, 6^2, 5^4, 3^2, 2\})$	18040
30	$\mathcal{O}(0; \{30, 15, 6^3, 5^4, 2^2\})$	8200
30	$\mathcal{O}(0; \{30, 15, 10, 5, 2^{10}\})$	104
30	$\mathcal{O}(0; \{30, 15, 10, 5, 3^3, 2^6\})$	520
30	$\mathcal{O}(0; \{30, 15, 10, 5, 3^6, 2^2\})$	4472
30	$\mathcal{O}(0; \{30, 15, 10, 5^6, 2^2\})$	104856
30	$\mathcal{O}(0; \{30, 15, 10, 6, 5, 3, 2^7\})$	312
30	$\mathcal{O}(0; \{30, 15, 10, 6, 5, 3^4, 2^3\})$	2184

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30, 15, 10, 6^2, 5, 3^2, 2^4\})$	1144
30	$\mathcal{O}(0; \{30, 15, 10, 6^2, 5, 3^5\})$	8840
30	$\mathcal{O}(0; \{30, 15, 10, 6^3, 5, 2^5\})$	520
30	$\mathcal{O}(0; \{30, 15, 10, 6^3, 5, 3^3, 2\})$	4472
30	$\mathcal{O}(0; \{30, 15, 10, 6^4, 5, 3, 2^2\})$	2184
30	$\mathcal{O}(0; \{30, 15, 10, 6^6, 5\})$	4472
30	$\mathcal{O}(0; \{30, 15, 10^2, 5^3, 2^5\})$	6552
30	$\mathcal{O}(0; \{30, 15, 10^2, 5^3, 3^3, 2\})$	32760
30	$\mathcal{O}(0; \{30, 15, 10^2, 6, 5^3, 3, 2^2\})$	19656
30	$\mathcal{O}(0; \{30, 15, 10^2, 6^3, 5^3\})$	32760
30	$\mathcal{O}(0; \{30, 15, 10^3, 2^8\})$	408
30	$\mathcal{O}(0; \{30, 15, 10^3, 3^3, 2^4\})$	2040
30	$\mathcal{O}(0; \{30, 15, 10^3, 3^6\})$	17544
30	$\mathcal{O}(0; \{30, 15, 10^3, 5^5\})$	419432
30	$\mathcal{O}(0; \{30, 15, 10^3, 6, 3, 2^5\})$	1224
30	$\mathcal{O}(0; \{30, 15, 10^3, 6, 3^4, 2\})$	8568
30	$\mathcal{O}(0; \{30, 15, 10^3, 6^2, 3^2, 2^2\})$	4488
30	$\mathcal{O}(0; \{30, 15, 10^3, 6^3, 2^3\})$	2040
30	$\mathcal{O}(0; \{30, 15, 10^3, 6^4, 3\})$	8568
30	$\mathcal{O}(0; \{30, 15, 10^4, 5^2, 2^3\})$	26216
30	$\mathcal{O}(0; \{30, 15, 10^4, 6, 5^2, 3\})$	78648
30	$\mathcal{O}(0; \{30, 15, 10^6, 5, 2\})$	104856
30	$\mathcal{O}(0; \{30, 15^2, 5^2, 3, 2^7\})$	1224
30	$\mathcal{O}(0; \{30, 15^2, 5^2, 3^4, 2^3\})$	8568
30	$\mathcal{O}(0; \{30, 15^2, 6, 5^2, 3^2, 2^4\})$	4488
30	$\mathcal{O}(0; \{30, 15^2, 6, 5^2, 3^5\})$	34680
30	$\mathcal{O}(0; \{30, 15^2, 6^2, 5^2, 2^5\})$	2040
30	$\mathcal{O}(0; \{30, 15^2, 6^2, 5^2, 3^3, 2\})$	17544
30	$\mathcal{O}(0; \{30, 15^2, 6^3, 5^2, 3, 2^2\})$	8568
30	$\mathcal{O}(0; \{30, 15^2, 6^5, 5^2\})$	17544
30	$\mathcal{O}(0; \{30, 15^2, 10, 5^4, 3, 2^2\})$	78648
30	$\mathcal{O}(0; \{30, 15^2, 10, 6^2, 5^4\})$	131080
30	$\mathcal{O}(0; \{30, 15^2, 10^2, 5, 3, 2^5\})$	4920
30	$\mathcal{O}(0; \{30, 15^2, 10^2, 5, 3^4, 2\})$	34440
30	$\mathcal{O}(0; \{30, 15^2, 10^2, 6, 5, 3^2, 2^2\})$	18040
30	$\mathcal{O}(0; \{30, 15^2, 10^2, 6^2, 5, 2^3\})$	8200
30	$\mathcal{O}(0; \{30, 15^2, 10^2, 6^3, 5, 3\})$	34440
30	$\mathcal{O}(0; \{30, 15^2, 10^3, 5^3, 3\})$	314568
30	$\mathcal{O}(0; \{30, 15^2, 10^4, 3, 2^3\})$	19656
30	$\mathcal{O}(0; \{30, 15^2, 10^4, 6, 3^2\})$	72072
30	$\mathcal{O}(0; \{30, 15^2, 10^4, 6^2, 2\})$	32760
30	$\mathcal{O}(0; \{30, 15^3, 3^2, 2^7\})$	1144
30	$\mathcal{O}(0; \{30, 15^3, 3^5, 2^3\})$	8840

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30, 15^3, 6, 2^8\})$	520
30	$\mathcal{O}(0; \{30, 15^3, 6, 3^3, 2^4\})$	4472
30	$\mathcal{O}(0; \{30, 15^3, 6, 3^6\})$	35464
30	$\mathcal{O}(0; \{30, 15^3, 6, 5^5\})$	524280
30	$\mathcal{O}(0; \{30, 15^3, 6^2, 3, 2^5\})$	2184
30	$\mathcal{O}(0; \{30, 15^3, 6^2, 3^4, 2\})$	17784
30	$\mathcal{O}(0; \{30, 15^3, 6^3, 3^2, 2^2\})$	8840
30	$\mathcal{O}(0; \{30, 15^3, 6^4, 2^3\})$	4472
30	$\mathcal{O}(0; \{30, 15^3, 6^5, 3\})$	17784
30	$\mathcal{O}(0; \{30, 15^3, 10, 5^2, 3^2, 2^2\})$	72072
30	$\mathcal{O}(0; \{30, 15^3, 10, 6, 5^2, 2^3\})$	32760
30	$\mathcal{O}(0; \{30, 15^3, 10, 6^2, 5^2, 3\})$	137592
30	$\mathcal{O}(0; \{30, 15^3, 10^3, 5, 3^2\})$	288376
30	$\mathcal{O}(0; \{30, 15^3, 10^3, 6, 5, 2\})$	131080
30	$\mathcal{O}(0; \{30, 15^4, 5^3, 2^3\})$	131080
30	$\mathcal{O}(0; \{30, 15^4, 6, 5^3, 3\})$	550536
30	$\mathcal{O}(0; \{30, 15^4, 10, 2^6\})$	8200
30	$\mathcal{O}(0; \{30, 15^4, 10, 3^3, 2^2\})$	70520
30	$\mathcal{O}(0; \{30, 15^4, 10, 6, 3, 2^3\})$	34440
30	$\mathcal{O}(0; \{30, 15^4, 10, 6^2, 3^2\})$	139400
30	$\mathcal{O}(0; \{30, 15^4, 10, 6^3, 2\})$	70520
30	$\mathcal{O}(0; \{30, 15^4, 10^2, 5^2, 2\})$	524280
30	$\mathcal{O}(0; \{30, 15^5, 5, 3, 2^3\})$	137592
30	$\mathcal{O}(0; \{30, 15^5, 6, 5, 3^2\})$	556920
30	$\mathcal{O}(0; \{30, 15^5, 6^2, 5, 2\})$	281736
30	$\mathcal{O}(0; \{30, 15^5, 10^2, 3, 2\})$	550536
30	$\mathcal{O}(0; \{30^2, 3, 2^{12}\})$	8
30	$\mathcal{O}(0; \{30^2, 3^4, 2^8\})$	88
30	$\mathcal{O}(0; \{30^2, 3^7, 2^4\})$	680
30	$\mathcal{O}(0; \{30^2, 3^{10}\})$	5464
30	$\mathcal{O}(0; \{30^2, 5^5, 3, 2^4\})$	6552
30	$\mathcal{O}(0; \{30^2, 5^5, 3^4\})$	72072
30	$\mathcal{O}(0; \{30^2, 6, 3^2, 2^9\})$	40
30	$\mathcal{O}(0; \{30^2, 6, 3^5, 2^5\})$	344
30	$\mathcal{O}(0; \{30^2, 6, 3^8, 2\})$	2728
30	$\mathcal{O}(0; \{30^2, 6, 5^5, 3^2, 2\})$	32760
30	$\mathcal{O}(0; \{30^2, 6^2, 2^{10}\})$	24
30	$\mathcal{O}(0; \{30^2, 6^2, 3^3, 2^6\})$	168
30	$\mathcal{O}(0; \{30^2, 6^2, 3^6, 2^2\})$	1368
30	$\mathcal{O}(0; \{30^2, 6^2, 5^5, 2^2\})$	19656
30	$\mathcal{O}(0; \{30^2, 6^3, 3, 2^7\})$	88
30	$\mathcal{O}(0; \{30^2, 6^3, 3^4, 2^3\})$	680
30	$\mathcal{O}(0; \{30^2, 6^4, 3^2, 2^4\})$	344

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30^2, 6^4, 3^5\})$	2728
30	$\mathcal{O}(0; \{30^2, 6^5, 2^5\})$	168
30	$\mathcal{O}(0; \{30^2, 6^5, 3^3, 2\})$	1368
30	$\mathcal{O}(0; \{30^2, 6^6, 3, 2^2\})$	680
30	$\mathcal{O}(0; \{30^2, 6^8\})$	1368
30	$\mathcal{O}(0; \{30^2, 10, 5^2, 3, 2^7\})$	408
30	$\mathcal{O}(0; \{30^2, 10, 5^2, 3^4, 2^3\})$	4488
30	$\mathcal{O}(0; \{30^2, 10, 6, 5^2, 3^2, 2^4\})$	2040
30	$\mathcal{O}(0; \{30^2, 10, 6, 5^2, 3^5\})$	17544
30	$\mathcal{O}(0; \{30^2, 10, 6^2, 5^2, 2^5\})$	1224
30	$\mathcal{O}(0; \{30^2, 10, 6^2, 5^2, 3^3, 2\})$	8568
30	$\mathcal{O}(0; \{30^2, 10, 6^3, 5^2, 3, 2^2\})$	4488
30	$\mathcal{O}(0; \{30^2, 10, 6^5, 5^2\})$	8568
30	$\mathcal{O}(0; \{30^2, 10^2, 5^4, 3, 2^2\})$	26216
30	$\mathcal{O}(0; \{30^2, 10^2, 6^2, 5^4\})$	78648
30	$\mathcal{O}(0; \{30^2, 10^3, 5, 3, 2^5\})$	1640
30	$\mathcal{O}(0; \{30^2, 10^3, 5, 3^4, 2\})$	18040
30	$\mathcal{O}(0; \{30^2, 10^3, 6, 5, 3^2, 2^2\})$	8200
30	$\mathcal{O}(0; \{30^2, 10^3, 6^2, 5, 2^3\})$	4920
30	$\mathcal{O}(0; \{30^2, 10^3, 6^3, 5, 3\})$	18040
30	$\mathcal{O}(0; \{30^2, 10^4, 5^3, 3\})$	104856
30	$\mathcal{O}(0; \{30^2, 10^5, 3, 2^3\})$	6552
30	$\mathcal{O}(0; \{30^2, 10^5, 6, 3^2\})$	32760
30	$\mathcal{O}(0; \{30^2, 10^5, 6^2, 2\})$	19656
30	$\mathcal{O}(0; \{30^2, 15, 5^3, 3^2, 2^4\})$	8200
30	$\mathcal{O}(0; \{30^2, 15, 5^3, 3^5\})$	70520
30	$\mathcal{O}(0; \{30^2, 15, 6, 5^3, 2^5\})$	4920
30	$\mathcal{O}(0; \{30^2, 15, 6, 5^3, 3^3, 2\})$	34440
30	$\mathcal{O}(0; \{30^2, 15, 6^2, 5^3, 3, 2^2\})$	18040
30	$\mathcal{O}(0; \{30^2, 15, 6^4, 5^3\})$	34440
30	$\mathcal{O}(0; \{30^2, 15, 10, 3^2, 2^7\})$	520
30	$\mathcal{O}(0; \{30^2, 15, 10, 3^5, 2^3\})$	4472
30	$\mathcal{O}(0; \{30^2, 15, 10, 6, 2^8\})$	312
30	$\mathcal{O}(0; \{30^2, 15, 10, 6, 3^3, 2^4\})$	2184
30	$\mathcal{O}(0; \{30^2, 15, 10, 6, 3^6\})$	17784
30	$\mathcal{O}(0; \{30^2, 15, 10, 6, 5^5\})$	314568
30	$\mathcal{O}(0; \{30^2, 15, 10, 6^2, 3, 2^5\})$	1144
30	$\mathcal{O}(0; \{30^2, 15, 10, 6^2, 3^4, 2\})$	8840
30	$\mathcal{O}(0; \{30^2, 15, 10, 6^3, 3^2, 2^2\})$	4472
30	$\mathcal{O}(0; \{30^2, 15, 10, 6^4, 2^3\})$	2184
30	$\mathcal{O}(0; \{30^2, 15, 10, 6^5, 3\})$	8840
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 5^2, 3^2, 2^2\})$	32760
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 6, 5^2, 2^3\})$	19656

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 6^2, 5^2, 3\})$	72072
30	$\mathcal{O}(0; \{30^2, 15, 10^4, 5, 3^2\})$	131080
30	$\mathcal{O}(0; \{30^2, 15, 10^4, 6, 5, 2\})$	78648
30	$\mathcal{O}(0; \{30^2, 15^2, 5, 2^8\})$	1224
30	$\mathcal{O}(0; \{30^2, 15^2, 5, 3^3, 2^4\})$	8568
30	$\mathcal{O}(0; \{30^2, 15^2, 5, 3^6\})$	69768
30	$\mathcal{O}(0; \{30^2, 15^2, 5^6\})$	1258296
30	$\mathcal{O}(0; \{30^2, 15^2, 6, 5, 3, 2^5\})$	4488
30	$\mathcal{O}(0; \{30^2, 15^2, 6, 5, 3^4, 2\})$	34680
30	$\mathcal{O}(0; \{30^2, 15^2, 6^2, 5, 3^2, 2^2\})$	17544
30	$\mathcal{O}(0; \{30^2, 15^2, 6^3, 5, 2^3\})$	8568
30	$\mathcal{O}(0; \{30^2, 15^2, 6^4, 5, 3\})$	34680
30	$\mathcal{O}(0; \{30^2, 15^2, 10, 5^3, 2^3\})$	78648
30	$\mathcal{O}(0; \{30^2, 15^2, 10, 6, 5^3, 3\})$	288376
30	$\mathcal{O}(0; \{30^2, 15^2, 10^2, 2^6\})$	4920
30	$\mathcal{O}(0; \{30^2, 15^2, 10^2, 3^3, 2^2\})$	34440
30	$\mathcal{O}(0; \{30^2, 15^2, 10^2, 6, 3, 2^3\})$	18040
30	$\mathcal{O}(0; \{30^2, 15^2, 10^2, 6^2, 3^2\})$	70520
30	$\mathcal{O}(0; \{30^2, 15^2, 10^2, 6^3, 2\})$	34440
30	$\mathcal{O}(0; \{30^2, 15^2, 10^3, 5^2, 2\})$	314568
30	$\mathcal{O}(0; \{30^2, 15^3, 5^4, 3\})$	1153416
30	$\mathcal{O}(0; \{30^2, 15^3, 10, 5, 3, 2^3\})$	72072
30	$\mathcal{O}(0; \{30^2, 15^3, 10, 6, 5, 3^2\})$	281736
30	$\mathcal{O}(0; \{30^2, 15^3, 10, 6^2, 5, 2\})$	137592
30	$\mathcal{O}(0; \{30^2, 15^3, 10^3, 3, 2\})$	288376
30	$\mathcal{O}(0; \{30^2, 15^4, 5^2, 3^2\})$	1127288
30	$\mathcal{O}(0; \{30^2, 15^4, 6, 5^2, 2\})$	550536
30	$\mathcal{O}(0; \{30^2, 15^5, 2^4\})$	137592
30	$\mathcal{O}(0; \{30^2, 15^5, 3^3\})$	1120392
30	$\mathcal{O}(0; \{30^2, 15^5, 6, 3, 2\})$	556920
30	$\mathcal{O}(0; \{30^3, 5^4, 2^5\})$	6552
30	$\mathcal{O}(0; \{30^3, 5^4, 3^3, 2\})$	72072
30	$\mathcal{O}(0; \{30^3, 6, 5^4, 3, 2^2\})$	32760
30	$\mathcal{O}(0; \{30^3, 6^3, 5^4\})$	72072
30	$\mathcal{O}(0; \{30^3, 10, 5, 2^8\})$	408
30	$\mathcal{O}(0; \{30^3, 10, 5, 3^3, 2^4\})$	4488
30	$\mathcal{O}(0; \{30^3, 10, 5, 3^6\})$	34680
30	$\mathcal{O}(0; \{30^3, 10, 5^6\})$	419432
30	$\mathcal{O}(0; \{30^3, 10, 6, 5, 3, 2^5\})$	2040
30	$\mathcal{O}(0; \{30^3, 10, 6, 5, 3^4, 2\})$	17544
30	$\mathcal{O}(0; \{30^3, 10, 6^2, 5, 3^2, 2^2\})$	8568
30	$\mathcal{O}(0; \{30^3, 10, 6^3, 5, 2^3\})$	4488
30	$\mathcal{O}(0; \{30^3, 10, 6^4, 5, 3\})$	17544

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30^3, 10^2, 5^3, 2^3\})$	26216
30	$\mathcal{O}(0; \{30^3, 10^2, 6, 5^3, 3\})$	131080
30	$\mathcal{O}(0; \{30^3, 10^3, 2^6\})$	1640
30	$\mathcal{O}(0; \{30^3, 10^3, 3^3, 2^2\})$	18040
30	$\mathcal{O}(0; \{30^3, 10^3, 6, 3, 2^3\})$	8200
30	$\mathcal{O}(0; \{30^3, 10^3, 6^2, 3^2\})$	34440
30	$\mathcal{O}(0; \{30^3, 10^3, 6^3, 2\})$	18040
30	$\mathcal{O}(0; \{30^3, 10^4, 5^2, 2\})$	104856
30	$\mathcal{O}(0; \{30^3, 15, 5^2, 3, 2^5\})$	8200
30	$\mathcal{O}(0; \{30^3, 15, 5^2, 3^4, 2\})$	70520
30	$\mathcal{O}(0; \{30^3, 15, 6, 5^2, 3^2, 2^2\})$	34440
30	$\mathcal{O}(0; \{30^3, 15, 6^2, 5^2, 2^3\})$	18040
30	$\mathcal{O}(0; \{30^3, 15, 6^3, 5^2, 3\})$	70520
30	$\mathcal{O}(0; \{30^3, 15, 10, 5^4, 3\})$	524280
30	$\mathcal{O}(0; \{30^3, 15, 10^2, 5, 3, 2^3\})$	32760
30	$\mathcal{O}(0; \{30^3, 15, 10^2, 6, 5, 3^2\})$	137592
30	$\mathcal{O}(0; \{30^3, 15, 10^2, 6^2, 5, 2\})$	72072
30	$\mathcal{O}(0; \{30^3, 15, 10^4, 3, 2\})$	131080
30	$\mathcal{O}(0; \{30^3, 15^2, 3^2, 2^5\})$	8568
30	$\mathcal{O}(0; \{30^3, 15^2, 3^5, 2\})$	69768
30	$\mathcal{O}(0; \{30^3, 15^2, 6, 2^6\})$	4488
30	$\mathcal{O}(0; \{30^3, 15^2, 6, 3^3, 2^2\})$	34680
30	$\mathcal{O}(0; \{30^3, 15^2, 6^2, 3, 2^3\})$	17544
30	$\mathcal{O}(0; \{30^3, 15^2, 6^3, 3^2\})$	69768
30	$\mathcal{O}(0; \{30^3, 15^2, 6^4, 2\})$	34680
30	$\mathcal{O}(0; \{30^3, 15^2, 10, 5^2, 3^2\})$	550536
30	$\mathcal{O}(0; \{30^3, 15^2, 10, 6, 5^2, 2\})$	288376
30	$\mathcal{O}(0; \{30^3, 15^3, 5^3, 2\})$	1153416
30	$\mathcal{O}(0; \{30^3, 15^3, 10, 2^4\})$	72072
30	$\mathcal{O}(0; \{30^3, 15^3, 10, 3^3\})$	556920
30	$\mathcal{O}(0; \{30^3, 15^3, 10, 6, 3, 2\})$	281736
30	$\mathcal{O}(0; \{30^3, 15^4, 5, 3, 2\})$	1127288
30	$\mathcal{O}(0; \{30^4, 5^3, 3^2, 2^2\})$	72072
30	$\mathcal{O}(0; \{30^4, 6, 5^3, 2^3\})$	32760
30	$\mathcal{O}(0; \{30^4, 6^2, 5^3, 3\})$	137592
30	$\mathcal{O}(0; \{30^4, 10, 3^2, 2^5\})$	4488
30	$\mathcal{O}(0; \{30^4, 10, 3^5, 2\})$	34680
30	$\mathcal{O}(0; \{30^4, 10, 6, 2^6\})$	2040
30	$\mathcal{O}(0; \{30^4, 10, 6, 3^3, 2^2\})$	17544
30	$\mathcal{O}(0; \{30^4, 10, 6^2, 3, 2^3\})$	8568
30	$\mathcal{O}(0; \{30^4, 10, 6^3, 3^2\})$	34680
30	$\mathcal{O}(0; \{30^4, 10, 6^4, 2\})$	17544
30	$\mathcal{O}(0; \{30^4, 10^2, 5^2, 3^2\})$	288376

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30^4, 10^2, 6, 5^2, 2\})$	131080
30	$\mathcal{O}(0; \{30^4, 15, 5, 2^6\})$	8200
30	$\mathcal{O}(0; \{30^4, 15, 5, 3^3, 2^2\})$	70520
30	$\mathcal{O}(0; \{30^4, 15, 6, 5, 3, 2^3\})$	34440
30	$\mathcal{O}(0; \{30^4, 15, 6^2, 5, 3^2\})$	139400
30	$\mathcal{O}(0; \{30^4, 15, 6^3, 5, 2\})$	70520
30	$\mathcal{O}(0; \{30^4, 15, 10, 5^3, 2\})$	524280
30	$\mathcal{O}(0; \{30^4, 15, 10^2, 2^4\})$	32760
30	$\mathcal{O}(0; \{30^4, 15, 10^2, 3^3\})$	281736
30	$\mathcal{O}(0; \{30^4, 15, 10^2, 6, 3, 2\})$	137592
30	$\mathcal{O}(0; \{30^4, 15^2, 10, 5, 3, 2\})$	550536
30	$\mathcal{O}(0; \{30^4, 15^4, 2^2\})$	1127288
30	$\mathcal{O}(0; \{30^5, 5^2, 3, 2^3\})$	72072
30	$\mathcal{O}(0; \{30^5, 6, 5^2, 3^2\})$	281736
30	$\mathcal{O}(0; \{30^5, 6^2, 5^2, 2\})$	137592
30	$\mathcal{O}(0; \{30^5, 10^2, 5, 3, 2\})$	288376
30	$\mathcal{O}(0; \{30^5, 15, 3^2, 2^3\})$	70520
30	$\mathcal{O}(0; \{30^5, 15, 6, 2^4\})$	34440
30	$\mathcal{O}(0; \{30^5, 15, 6, 3^3\})$	280440
30	$\mathcal{O}(0; \{30^5, 15, 6^2, 3, 2\})$	139400
30	$\mathcal{O}(0; \{30^5, 15^2, 10, 2^2\})$	550536
30	$\mathcal{O}(0; \{30^6, 5, 2^4\})$	72072
30	$\mathcal{O}(0; \{30^6, 5, 3^3\})$	556920
30	$\mathcal{O}(0; \{30^6, 6, 5, 3, 2\})$	281736
30	$\mathcal{O}(0; \{30^6, 10^2, 2^2\})$	288376
30	$\mathcal{O}(0; \{30^6, 15^3\})$	8912760
30	$\mathcal{O}(0; \{30^7, 3^2, 2\})$	556920
30	$\mathcal{O}(0; \{30^7, 6, 2^2\})$	281736
30	$\mathcal{O}(0; \{30^7, 15, 10\})$	4508808
32	$\mathcal{O}(2; \{32^2, 4, 2^3\})$	33554432
32	$\mathcal{O}(2; \{32^2, 4^3\})$	134217728
32	$\mathcal{O}(2; \{32^2, 8^2, 2\})$	268435456
32	$\mathcal{O}(1; \{32^2, 4, 2^7\})$	32768
32	$\mathcal{O}(1; \{32^2, 4^3, 2^4\})$	131072
32	$\mathcal{O}(1; \{32^2, 4^5, 2\})$	524288
32	$\mathcal{O}(1; \{32^2, 8^2, 2^5\})$	262144
32	$\mathcal{O}(1; \{32^2, 8^2, 4^2, 2^2\})$	1048576
32	$\mathcal{O}(1; \{32^2, 8^4, 4\})$	8388608
32	$\mathcal{O}(1; \{32^2, 16^2, 8, 2^3\})$	4194304
32	$\mathcal{O}(1; \{32^2, 16^2, 8, 4^2\})$	16777216
32	$\mathcal{O}(1; \{32^2, 16^4, 2\})$	67108864
32	$\mathcal{O}(1; \{32^4, 16, 8, 2\})$	134217728
32	$\mathcal{O}(0; \{32^2, 4, 2^{11}\})$	32

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
32	$\mathcal{O}(0; \{32^2, 4^3, 2^8\})$	128
32	$\mathcal{O}(0; \{32^2, 4^5, 2^5\})$	512
32	$\mathcal{O}(0; \{32^2, 4^7, 2^2\})$	2048
32	$\mathcal{O}(0; \{32^2, 8^2, 2^9\})$	256
32	$\mathcal{O}(0; \{32^2, 8^2, 4^2, 2^6\})$	1024
32	$\mathcal{O}(0; \{32^2, 8^2, 4^4, 2^3\})$	4096
32	$\mathcal{O}(0; \{32^2, 8^2, 4^6\})$	16384
32	$\mathcal{O}(0; \{32^2, 8^4, 4, 2^4\})$	8192
32	$\mathcal{O}(0; \{32^2, 8^4, 4^3, 2\})$	32768
32	$\mathcal{O}(0; \{32^2, 8^6, 2^2\})$	65536
32	$\mathcal{O}(0; \{32^2, 16^2, 8, 2^7\})$	4096
32	$\mathcal{O}(0; \{32^2, 16^2, 8, 4^2, 2^4\})$	16384
32	$\mathcal{O}(0; \{32^2, 16^2, 8, 4^4, 2\})$	65536
32	$\mathcal{O}(0; \{32^2, 16^2, 8^3, 4, 2^2\})$	131072
32	$\mathcal{O}(0; \{32^2, 16^2, 8^5\})$	1048576
32	$\mathcal{O}(0; \{32^2, 16^4, 2^5\})$	65536
32	$\mathcal{O}(0; \{32^2, 16^4, 4^2, 2^2\})$	262144
32	$\mathcal{O}(0; \{32^2, 16^4, 8^2, 4\})$	2097152
32	$\mathcal{O}(0; \{32^4, 16, 8, 2^5\})$	131072
32	$\mathcal{O}(0; \{32^4, 16, 8, 4^2, 2^2\})$	524288
32	$\mathcal{O}(0; \{32^4, 16, 8^3, 4\})$	4194304
32	$\mathcal{O}(0; \{32^4, 16^3, 2^3\})$	2097152
32	$\mathcal{O}(0; \{32^4, 16^3, 4^2\})$	8388608
32	$\mathcal{O}(0; \{32^6, 8, 2^3\})$	4194304
32	$\mathcal{O}(0; \{32^6, 8, 4^2\})$	16777216
32	$\mathcal{O}(0; \{32^6, 16^2, 2\})$	67108864
33	$\mathcal{O}(4; \emptyset)$	1406194252800
33	$\mathcal{O}(3; \{3^3\})$	2582934480
33	$\mathcal{O}(2; \{3^6\})$	26088480
33	$\mathcal{O}(1; \{3^9\})$	183600
33	$\mathcal{O}(1; \{33^2, 11^3, 3^2\})$	59394060
33	$\mathcal{O}(0; \{33, 11^7, 3\})$	18181820
33	$\mathcal{O}(0; \{33^2, 11^3, 3^5\})$	381780
33	$\mathcal{O}(0; \{33^3, 11^2, 3^2\})$	38181780
34	$\mathcal{O}(2; \{17^3, 2^2\})$	320720640
34	$\mathcal{O}(2; \{34^2, 17^2\})$	5152911616
34	$\mathcal{O}(1; \{17^3, 2^6\})$	277440
34	$\mathcal{O}(1; \{34^2, 17^2, 2^4\})$	4457536
34	$\mathcal{O}(1; \{34^4, 17, 2^2\})$	71302080
34	$\mathcal{O}(1; \{34^6\})$	1140851776
34	$\mathcal{O}(0; \{17^3, 2^{10}\})$	240
34	$\mathcal{O}(0; \{34^2, 17^2, 2^8\})$	3856
34	$\mathcal{O}(0; \{34^4, 17, 2^6\})$	61680

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
34	$\mathcal{O}(0; \{34^6, 2^4\})$	986896
35	$\mathcal{O}(2; \{35^2, 7^2\})$	1116465000
35	$\mathcal{O}(1; \{35^5, 5\})$	1114995000
35	$\mathcal{O}(0; \{35, 7^5, 5^3\})$	346632
35	$\mathcal{O}(0; \{35^2, 7^2, 5^5\})$	609336
35	$\mathcal{O}(0; \{35^7, 7\})$	786063096
36	$\mathcal{O}(3; \{4^2\})$	4347592704
36	$\mathcal{O}(2; \{4^2, 2^4\})$	3317760
36	$\mathcal{O}(2; \{4^2, 3^3\})$	6635520
36	$\mathcal{O}(2; \{4^4, 2\})$	13271040
36	$\mathcal{O}(2; \{6, 4^2, 3, 2\})$	6635520
36	$\mathcal{O}(2; \{12, 4, 3^2, 2\})$	6635520
36	$\mathcal{O}(2; \{12, 6, 4, 2^2\})$	6635520
36	$\mathcal{O}(2; \{12^2, 3, 2^2\})$	6635520
36	$\mathcal{O}(2; \{12^2, 6^2\})$	19906560
36	$\mathcal{O}(2; \{12^3, 4\})$	26542080
36	$\mathcal{O}(2; \{18, 12, 9, 4\})$	40310784
36	$\mathcal{O}(2; \{36, 9^2, 4\})$	60466176
36	$\mathcal{O}(2; \{36, 18, 6, 4\})$	40310784
36	$\mathcal{O}(2; \{36, 18, 12, 3\})$	80621568
36	$\mathcal{O}(2; \{36^2, 9, 3\})$	120932352
36	$\mathcal{O}(1; \{4^2, 2^8\})$	2304
36	$\mathcal{O}(1; \{4^2, 3^3, 2^4\})$	4608
36	$\mathcal{O}(1; \{4^2, 3^6\})$	50688
36	$\mathcal{O}(1; \{4^4, 2^5\})$	9216
36	$\mathcal{O}(1; \{4^4, 3^3, 2\})$	18432
36	$\mathcal{O}(1; \{4^6, 2^2\})$	36864
36	$\mathcal{O}(1; \{6, 4^2, 3, 2^5\})$	4608
36	$\mathcal{O}(1; \{6, 4^2, 3^4, 2\})$	23040
36	$\mathcal{O}(1; \{6, 4^4, 3, 2^2\})$	18432
36	$\mathcal{O}(1; \{6^2, 4^2, 3^2, 2^2\})$	13824
36	$\mathcal{O}(1; \{6^3, 4^2, 2^3\})$	4608
36	$\mathcal{O}(1; \{6^3, 4^4\})$	18432
36	$\mathcal{O}(1; \{6^4, 4^2, 3\})$	23040
36	$\mathcal{O}(1; \{9^3, 4^2, 3^2\})$	186624
36	$\mathcal{O}(1; \{9^3, 6, 4^2, 2\})$	93312
36	$\mathcal{O}(1; \{12, 4, 3^2, 2^5\})$	4608
36	$\mathcal{O}(1; \{12, 4, 3^5, 2\})$	50688
36	$\mathcal{O}(1; \{12, 4^3, 3^2, 2^2\})$	18432
36	$\mathcal{O}(1; \{12, 6, 4, 2^6\})$	4608
36	$\mathcal{O}(1; \{12, 6, 4, 3^3, 2^2\})$	23040
36	$\mathcal{O}(1; \{12, 6, 4^3, 2^3\})$	18432
36	$\mathcal{O}(1; \{12, 6, 4^5\})$	73728

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(1; \{12, 6^2, 4, 3, 2^3\})$	13824
36	$\mathcal{O}(1; \{12, 6^2, 4^3, 3\})$	55296
36	$\mathcal{O}(1; \{12, 6^3, 4, 3^2\})$	50688
36	$\mathcal{O}(1; \{12, 6^4, 4, 2\})$	23040
36	$\mathcal{O}(1; \{12, 9^3, 4, 3, 2\})$	186624
36	$\mathcal{O}(1; \{12^2, 3, 2^6\})$	4608
36	$\mathcal{O}(1; \{12^2, 3^4, 2^2\})$	50688
36	$\mathcal{O}(1; \{12^2, 4^2, 3, 2^3\})$	18432
36	$\mathcal{O}(1; \{12^2, 4^4, 3\})$	73728
36	$\mathcal{O}(1; \{12^2, 6, 3^2, 2^3\})$	23040
36	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^2\})$	92160
36	$\mathcal{O}(1; \{12^2, 6^2, 2^4\})$	13824
36	$\mathcal{O}(1; \{12^2, 6^2, 3^3\})$	96768
36	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 2\})$	55296
36	$\mathcal{O}(1; \{12^2, 6^3, 3, 2\})$	50688
36	$\mathcal{O}(1; \{12^2, 9^3, 2^2\})$	186624
36	$\mathcal{O}(1; \{12^3, 4, 2^4\})$	18432
36	$\mathcal{O}(1; \{12^3, 4, 3^3\})$	202752
36	$\mathcal{O}(1; \{12^3, 4^3, 2\})$	73728
36	$\mathcal{O}(1; \{12^3, 6, 4, 3, 2\})$	92160
36	$\mathcal{O}(1; \{12^4, 3^2, 2\})$	202752
36	$\mathcal{O}(1; \{12^4, 6, 2^2\})$	92160
36	$\mathcal{O}(1; \{12^6\})$	811008
36	$\mathcal{O}(1; \{18, 9, 4^2, 3, 2^3\})$	31104
36	$\mathcal{O}(1; \{18, 9, 4^4, 3\})$	124416
36	$\mathcal{O}(1; \{18, 9, 6, 4^2, 3^2\})$	124416
36	$\mathcal{O}(1; \{18, 9, 6^2, 4^2, 2\})$	62208
36	$\mathcal{O}(1; \{18, 12, 9, 4, 2^4\})$	31104
36	$\mathcal{O}(1; \{18, 12, 9, 4, 3^3\})$	248832
36	$\mathcal{O}(1; \{18, 12, 9, 4^3, 2\})$	124416
36	$\mathcal{O}(1; \{18, 12, 9, 6, 4, 3, 2\})$	124416
36	$\mathcal{O}(1; \{18, 12^2, 9, 3^2, 2\})$	248832
36	$\mathcal{O}(1; \{18, 12^2, 9, 6, 2^2\})$	124416
36	$\mathcal{O}(1; \{18, 12^4, 9\})$	995328
36	$\mathcal{O}(1; \{18^2, 12^2, 9^2\})$	1679616
36	$\mathcal{O}(1; \{18^3, 4^2, 3, 2\})$	93312
36	$\mathcal{O}(1; \{18^3, 12, 4, 2^2\})$	93312
36	$\mathcal{O}(1; \{18^3, 12^2, 6\})$	373248
36	$\mathcal{O}(1; \{36, 9^2, 4, 2^4\})$	46656
36	$\mathcal{O}(1; \{36, 9^2, 4, 3^3\})$	373248
36	$\mathcal{O}(1; \{36, 9^2, 4^3, 2\})$	186624
36	$\mathcal{O}(1; \{36, 9^2, 6, 4, 3, 2\})$	186624
36	$\mathcal{O}(1; \{36, 12, 9^2, 3^2, 2\})$	373248

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(1; \{36, 12, 9^2, 6, 2^2\})$	186624
36	$\mathcal{O}(1; \{36, 12^3, 9^2\})$	1492992
36	$\mathcal{O}(1; \{36, 18, 4, 3^2, 2^3\})$	62208
36	$\mathcal{O}(1; \{36, 18, 4^3, 3^2\})$	248832
36	$\mathcal{O}(1; \{36, 18, 6, 4, 2^4\})$	31104
36	$\mathcal{O}(1; \{36, 18, 6, 4, 3^3\})$	248832
36	$\mathcal{O}(1; \{36, 18, 6, 4^3, 2\})$	124416
36	$\mathcal{O}(1; \{36, 18, 6^2, 4, 3, 2\})$	124416
36	$\mathcal{O}(1; \{36, 18, 12, 3, 2^4\})$	62208
36	$\mathcal{O}(1; \{36, 18, 12, 3^4\})$	497664
36	$\mathcal{O}(1; \{36, 18, 12, 4^2, 3, 2\})$	248832
36	$\mathcal{O}(1; \{36, 18, 12, 6, 3^2, 2\})$	248832
36	$\mathcal{O}(1; \{36, 18, 12, 6^2, 2^2\})$	124416
36	$\mathcal{O}(1; \{36, 18, 12, 9^3\})$	4199040
36	$\mathcal{O}(1; \{36, 18, 12^2, 4, 2^2\})$	248832
36	$\mathcal{O}(1; \{36, 18, 12^3, 6\})$	995328
36	$\mathcal{O}(1; \{36, 18^2, 9, 4, 2^2\})$	419904
36	$\mathcal{O}(1; \{36, 18^2, 12, 9, 6\})$	1679616
36	$\mathcal{O}(1; \{36, 18^4, 4\})$	2099520
36	$\mathcal{O}(1; \{36^2, 9, 3, 2^4\})$	93312
36	$\mathcal{O}(1; \{36^2, 9, 3^4\})$	746496
36	$\mathcal{O}(1; \{36^2, 9, 4^2, 3, 2\})$	373248
36	$\mathcal{O}(1; \{36^2, 9, 6, 3^2, 2\})$	373248
36	$\mathcal{O}(1; \{36^2, 9, 6^2, 2^2\})$	186624
36	$\mathcal{O}(1; \{36^2, 9^4\})$	13856832
36	$\mathcal{O}(1; \{36^2, 12, 9, 4, 2^2\})$	373248
36	$\mathcal{O}(1; \{36^2, 12^2, 9, 6\})$	1492992
36	$\mathcal{O}(1; \{36^2, 18, 9^2, 6\})$	4199040
36	$\mathcal{O}(1; \{36^2, 18^2, 3, 2^2\})$	839808
36	$\mathcal{O}(1; \{36^2, 18^2, 6^2\})$	1679616
36	$\mathcal{O}(1; \{36^2, 18^2, 12, 4\})$	3359232
36	$\mathcal{O}(1; \{36^3, 4, 3^2, 2\})$	746496
36	$\mathcal{O}(1; \{36^3, 6, 4, 2^2\})$	373248
36	$\mathcal{O}(1; \{36^3, 12, 3, 2^2\})$	746496
36	$\mathcal{O}(1; \{36^3, 12, 6^2\})$	1492992
36	$\mathcal{O}(1; \{36^3, 12^2, 4\})$	2985984
36	$\mathcal{O}(1; \{36^3, 18, 9, 4\})$	8398080
36	$\mathcal{O}(1; \{36^4, 18, 3\})$	16796160
36	$\mathcal{O}(0; \{9^3, 4^2, 3^2, 2^4\})$	144
36	$\mathcal{O}(0; \{9^3, 4^2, 3^5\})$	1152
36	$\mathcal{O}(0; \{9^3, 4^4, 3^2, 2\})$	576
36	$\mathcal{O}(0; \{9^3, 6, 4^2, 2^5\})$	72
36	$\mathcal{O}(0; \{9^3, 6, 4^2, 3^3, 2\})$	576

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{9^3, 6, 4^4, 2^2\})$	288
36	$\mathcal{O}(0; \{9^3, 6^2, 4^2, 3, 2^2\})$	288
36	$\mathcal{O}(0; \{9^3, 6^4, 4^2\})$	576
36	$\mathcal{O}(0; \{9^6, 4^2, 3\})$	21384
36	$\mathcal{O}(0; \{12, 9^3, 4, 3, 2^5\})$	144
36	$\mathcal{O}(0; \{12, 9^3, 4, 3^4, 2\})$	1152
36	$\mathcal{O}(0; \{12, 9^3, 4^3, 3, 2^2\})$	576
36	$\mathcal{O}(0; \{12, 9^3, 6, 4, 3^2, 2^2\})$	576
36	$\mathcal{O}(0; \{12, 9^3, 6^2, 4, 2^3\})$	288
36	$\mathcal{O}(0; \{12, 9^3, 6^2, 4^3\})$	1152
36	$\mathcal{O}(0; \{12, 9^3, 6^3, 4, 3\})$	1152
36	$\mathcal{O}(0; \{12, 9^6, 4, 2\})$	21384
36	$\mathcal{O}(0; \{12^2, 9^3, 2^6\})$	144
36	$\mathcal{O}(0; \{12^2, 9^3, 3^3, 2^2\})$	1152
36	$\mathcal{O}(0; \{12^2, 9^3, 4^2, 2^3\})$	576
36	$\mathcal{O}(0; \{12^2, 9^3, 4^4\})$	2304
36	$\mathcal{O}(0; \{12^2, 9^3, 6, 3, 2^3\})$	576
36	$\mathcal{O}(0; \{12^2, 9^3, 6, 4^2, 3\})$	2304
36	$\mathcal{O}(0; \{12^2, 9^3, 6^2, 3^2\})$	2304
36	$\mathcal{O}(0; \{12^2, 9^3, 6^3, 2\})$	1152
36	$\mathcal{O}(0; \{12^3, 9^3, 4, 3^2\})$	4608
36	$\mathcal{O}(0; \{12^3, 9^3, 6, 4, 2\})$	2304
36	$\mathcal{O}(0; \{12^4, 9^3, 3, 2\})$	4608
36	$\mathcal{O}(0; \{18, 9, 4^2, 3, 2^7\})$	24
36	$\mathcal{O}(0; \{18, 9, 4^2, 3^4, 2^3\})$	192
36	$\mathcal{O}(0; \{18, 9, 4^4, 3, 2^4\})$	96
36	$\mathcal{O}(0; \{18, 9, 4^4, 3^4\})$	768
36	$\mathcal{O}(0; \{18, 9, 4^6, 3, 2\})$	384
36	$\mathcal{O}(0; \{18, 9, 6, 4^2, 3^2, 2^4\})$	96
36	$\mathcal{O}(0; \{18, 9, 6, 4^2, 3^5\})$	768
36	$\mathcal{O}(0; \{18, 9, 6, 4^4, 3^2, 2\})$	384
36	$\mathcal{O}(0; \{18, 9, 6^2, 4^2, 2^5\})$	48
36	$\mathcal{O}(0; \{18, 9, 6^2, 4^2, 3^3, 2\})$	384
36	$\mathcal{O}(0; \{18, 9, 6^2, 4^4, 2^2\})$	192
36	$\mathcal{O}(0; \{18, 9, 6^3, 4^2, 3, 2^2\})$	192
36	$\mathcal{O}(0; \{18, 9, 6^5, 4^2\})$	384
36	$\mathcal{O}(0; \{18, 9^4, 4^2, 2^3\})$	1620
36	$\mathcal{O}(0; \{18, 9^4, 4^4\})$	6480
36	$\mathcal{O}(0; \{18, 9^4, 6, 4^2, 3\})$	6480
36	$\mathcal{O}(0; \{18, 12, 9, 4, 2^8\})$	24
36	$\mathcal{O}(0; \{18, 12, 9, 4, 3^3, 2^4\})$	192
36	$\mathcal{O}(0; \{18, 12, 9, 4, 3^6\})$	1536
36	$\mathcal{O}(0; \{18, 12, 9, 4^3, 2^5\})$	96

Continued on next page

Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{18, 12, 9, 4^3, 3^3, 2\})$	768
36	$\mathcal{O}(0; \{18, 12, 9, 4^5, 2^2\})$	384
36	$\mathcal{O}(0; \{18, 12, 9, 6, 4, 3, 2^5\})$	96
36	$\mathcal{O}(0; \{18, 12, 9, 6, 4, 3^4, 2\})$	768
36	$\mathcal{O}(0; \{18, 12, 9, 6, 4^3, 3, 2^2\})$	384
36	$\mathcal{O}(0; \{18, 12, 9, 6^2, 4, 3^2, 2^2\})$	384
36	$\mathcal{O}(0; \{18, 12, 9, 6^3, 4, 2^3\})$	192
36	$\mathcal{O}(0; \{18, 12, 9, 6^3, 4^3\})$	768
36	$\mathcal{O}(0; \{18, 12, 9, 6^4, 4, 3\})$	768
36	$\mathcal{O}(0; \{18, 12, 9^4, 4, 3^2\})$	12960
36	$\mathcal{O}(0; \{18, 12, 9^4, 6, 4, 2\})$	6480
36	$\mathcal{O}(0; \{18, 12^2, 9, 3^2, 2^5\})$	192
36	$\mathcal{O}(0; \{18, 12^2, 9, 3^5, 2\})$	1536
36	$\mathcal{O}(0; \{18, 12^2, 9, 4^2, 3^2, 2^2\})$	768
36	$\mathcal{O}(0; \{18, 12^2, 9, 6, 2^6\})$	96
36	$\mathcal{O}(0; \{18, 12^2, 9, 6, 3^3, 2^2\})$	768
36	$\mathcal{O}(0; \{18, 12^2, 9, 6, 4^2, 2^3\})$	384
36	$\mathcal{O}(0; \{18, 12^2, 9, 6, 4^4\})$	1536
36	$\mathcal{O}(0; \{18, 12^2, 9, 6^2, 3, 2^3\})$	384
36	$\mathcal{O}(0; \{18, 12^2, 9, 6^2, 4^2, 3\})$	1536
36	$\mathcal{O}(0; \{18, 12^2, 9, 6^3, 3^2\})$	1536
36	$\mathcal{O}(0; \{18, 12^2, 9, 6^4, 2\})$	768
36	$\mathcal{O}(0; \{18, 12^2, 9^4, 3, 2\})$	12960
36	$\mathcal{O}(0; \{18, 12^3, 9, 4, 3, 2^3\})$	768
36	$\mathcal{O}(0; \{18, 12^3, 9, 4^3, 3\})$	3072
36	$\mathcal{O}(0; \{18, 12^3, 9, 6, 4, 3^2\})$	3072
36	$\mathcal{O}(0; \{18, 12^3, 9, 6^2, 4, 2\})$	1536
36	$\mathcal{O}(0; \{18, 12^4, 9, 2^4\})$	768
36	$\mathcal{O}(0; \{18, 12^4, 9, 3^3\})$	6144
36	$\mathcal{O}(0; \{18, 12^4, 9, 4^2, 2\})$	3072
36	$\mathcal{O}(0; \{18, 12^4, 9, 6, 3, 2\})$	3072
36	$\mathcal{O}(0; \{18^2, 9^2, 4^2, 3^2, 2^2\})$	1296
36	$\mathcal{O}(0; \{18^2, 9^2, 6, 4^2, 2^3\})$	648
36	$\mathcal{O}(0; \{18^2, 9^2, 6, 4^4\})$	2592
36	$\mathcal{O}(0; \{18^2, 9^2, 6^2, 4^2, 3\})$	2592
36	$\mathcal{O}(0; \{18^2, 12, 9^2, 4, 3, 2^3\})$	1296
36	$\mathcal{O}(0; \{18^2, 12, 9^2, 4^3, 3\})$	5184
36	$\mathcal{O}(0; \{18^2, 12, 9^2, 6, 4, 3^2\})$	5184
36	$\mathcal{O}(0; \{18^2, 12, 9^2, 6^2, 4, 2\})$	2592
36	$\mathcal{O}(0; \{18^2, 12^2, 9^2, 2^4\})$	1296
36	$\mathcal{O}(0; \{18^2, 12^2, 9^2, 3^3\})$	10368
36	$\mathcal{O}(0; \{18^2, 12^2, 9^2, 4^2, 2\})$	5184
36	$\mathcal{O}(0; \{18^2, 12^2, 9^2, 6, 3, 2\})$	5184

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{18^3, 4^2, 3, 2^5\})$	72
36	$\mathcal{O}(0; \{18^3, 4^2, 3^4, 2\})$	576
36	$\mathcal{O}(0; \{18^3, 4^4, 3, 2^2\})$	288
36	$\mathcal{O}(0; \{18^3, 6, 4^2, 3^2, 2^2\})$	288
36	$\mathcal{O}(0; \{18^3, 6^2, 4^2, 2^3\})$	144
36	$\mathcal{O}(0; \{18^3, 6^2, 4^4\})$	576
36	$\mathcal{O}(0; \{18^3, 6^3, 4^2, 3\})$	576
36	$\mathcal{O}(0; \{18^3, 9^3, 4^2, 2\})$	10692
36	$\mathcal{O}(0; \{18^3, 12, 4, 2^6\})$	72
36	$\mathcal{O}(0; \{18^3, 12, 4, 3^3, 2^2\})$	576
36	$\mathcal{O}(0; \{18^3, 12, 4^3, 2^3\})$	288
36	$\mathcal{O}(0; \{18^3, 12, 4^5\})$	1152
36	$\mathcal{O}(0; \{18^3, 12, 6, 4, 3, 2^3\})$	288
36	$\mathcal{O}(0; \{18^3, 12, 6, 4^3, 3\})$	1152
36	$\mathcal{O}(0; \{18^3, 12, 6^2, 4, 3^2\})$	1152
36	$\mathcal{O}(0; \{18^3, 12, 6^3, 4, 2\})$	576
36	$\mathcal{O}(0; \{18^3, 12^2, 3^2, 2^3\})$	576
36	$\mathcal{O}(0; \{18^3, 12^2, 4^2, 3^2\})$	2304
36	$\mathcal{O}(0; \{18^3, 12^2, 6, 2^4\})$	288
36	$\mathcal{O}(0; \{18^3, 12^2, 6, 3^3\})$	2304
36	$\mathcal{O}(0; \{18^3, 12^2, 6, 4^2, 2\})$	1152
36	$\mathcal{O}(0; \{18^3, 12^2, 6^2, 3, 2\})$	1152
36	$\mathcal{O}(0; \{18^3, 12^3, 4, 3, 2\})$	2304
36	$\mathcal{O}(0; \{18^3, 12^4, 2^2\})$	2304
36	$\mathcal{O}(0; \{18^4, 9, 4^2, 3^2\})$	6480
36	$\mathcal{O}(0; \{18^4, 9, 6, 4^2, 2\})$	3240
36	$\mathcal{O}(0; \{18^4, 12, 9, 4, 3, 2\})$	6480
36	$\mathcal{O}(0; \{18^4, 12^2, 9, 2^2\})$	6480
36	$\mathcal{O}(0; \{18^6, 12^2\})$	42768
36	$\mathcal{O}(0; \{36, 9^2, 4, 2^8\})$	36
36	$\mathcal{O}(0; \{36, 9^2, 4, 3^3, 2^4\})$	288
36	$\mathcal{O}(0; \{36, 9^2, 4, 3^6\})$	2304
36	$\mathcal{O}(0; \{36, 9^2, 4^3, 2^5\})$	144
36	$\mathcal{O}(0; \{36, 9^2, 4^3, 3^3, 2\})$	1152
36	$\mathcal{O}(0; \{36, 9^2, 4^5, 2^2\})$	576
36	$\mathcal{O}(0; \{36, 9^2, 6, 4, 3, 2^5\})$	144
36	$\mathcal{O}(0; \{36, 9^2, 6, 4, 3^4, 2\})$	1152
36	$\mathcal{O}(0; \{36, 9^2, 6, 4^3, 3, 2^2\})$	576
36	$\mathcal{O}(0; \{36, 9^2, 6^2, 4, 3^2, 2^2\})$	576
36	$\mathcal{O}(0; \{36, 9^2, 6^3, 4, 2^3\})$	288
36	$\mathcal{O}(0; \{36, 9^2, 6^3, 4^3\})$	1152
36	$\mathcal{O}(0; \{36, 9^2, 6^4, 4, 3\})$	1152
36	$\mathcal{O}(0; \{36, 9^5, 4, 3^2\})$	42768

Continued on next page

Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36, 9^5, 6, 4, 2\})$	21384
36	$\mathcal{O}(0; \{36, 12, 9^2, 3^2, 2^5\})$	288
36	$\mathcal{O}(0; \{36, 12, 9^2, 3^5, 2\})$	2304
36	$\mathcal{O}(0; \{36, 12, 9^2, 4^2, 3^2, 2^2\})$	1152
36	$\mathcal{O}(0; \{36, 12, 9^2, 6, 2^6\})$	144
36	$\mathcal{O}(0; \{36, 12, 9^2, 6, 3^3, 2^2\})$	1152
36	$\mathcal{O}(0; \{36, 12, 9^2, 6, 4^2, 2^3\})$	576
36	$\mathcal{O}(0; \{36, 12, 9^2, 6, 4^4\})$	2304
36	$\mathcal{O}(0; \{36, 12, 9^2, 6^2, 3, 2^3\})$	576
36	$\mathcal{O}(0; \{36, 12, 9^2, 6^2, 4^2, 3\})$	2304
36	$\mathcal{O}(0; \{36, 12, 9^2, 6^3, 3^2\})$	2304
36	$\mathcal{O}(0; \{36, 12, 9^2, 6^4, 2\})$	1152
36	$\mathcal{O}(0; \{36, 12, 9^5, 3, 2\})$	42768
36	$\mathcal{O}(0; \{36, 12^2, 9^2, 4, 3, 2^3\})$	1152
36	$\mathcal{O}(0; \{36, 12^2, 9^2, 4^3, 3\})$	4608
36	$\mathcal{O}(0; \{36, 12^2, 9^2, 6, 4, 3^2\})$	4608
36	$\mathcal{O}(0; \{36, 12^2, 9^2, 6^2, 4, 2\})$	2304
36	$\mathcal{O}(0; \{36, 12^3, 9^2, 2^4\})$	1152
36	$\mathcal{O}(0; \{36, 12^3, 9^2, 3^3\})$	9216
36	$\mathcal{O}(0; \{36, 12^3, 9^2, 4^2, 2\})$	4608
36	$\mathcal{O}(0; \{36, 12^3, 9^2, 6, 3, 2\})$	4608
36	$\mathcal{O}(0; \{36, 18, 4, 3^2, 2^7\})$	48
36	$\mathcal{O}(0; \{36, 18, 4, 3^5, 2^3\})$	384
36	$\mathcal{O}(0; \{36, 18, 4^3, 3^2, 2^4\})$	192
36	$\mathcal{O}(0; \{36, 18, 4^3, 3^5\})$	1536
36	$\mathcal{O}(0; \{36, 18, 4^5, 3^2, 2\})$	768
36	$\mathcal{O}(0; \{36, 18, 6, 4, 2^8\})$	24
36	$\mathcal{O}(0; \{36, 18, 6, 4, 3^3, 2^4\})$	192
36	$\mathcal{O}(0; \{36, 18, 6, 4, 3^6\})$	1536
36	$\mathcal{O}(0; \{36, 18, 6, 4^3, 2^5\})$	96
36	$\mathcal{O}(0; \{36, 18, 6, 4^3, 3^3, 2\})$	768
36	$\mathcal{O}(0; \{36, 18, 6, 4^5, 2^2\})$	384
36	$\mathcal{O}(0; \{36, 18, 6^2, 4, 3, 2^5\})$	96
36	$\mathcal{O}(0; \{36, 18, 6^2, 4, 3^4, 2\})$	768
36	$\mathcal{O}(0; \{36, 18, 6^2, 4^3, 3, 2^2\})$	384
36	$\mathcal{O}(0; \{36, 18, 6^3, 4, 3^2, 2^2\})$	384
36	$\mathcal{O}(0; \{36, 18, 6^4, 4, 2^3\})$	192
36	$\mathcal{O}(0; \{36, 18, 6^4, 4^3\})$	768
36	$\mathcal{O}(0; \{36, 18, 6^5, 4, 3\})$	768
36	$\mathcal{O}(0; \{36, 18, 9^3, 4, 3, 2^3\})$	3240
36	$\mathcal{O}(0; \{36, 18, 9^3, 4^3, 3\})$	12960
36	$\mathcal{O}(0; \{36, 18, 9^3, 6, 4, 3^2\})$	12960
36	$\mathcal{O}(0; \{36, 18, 9^3, 6^2, 4, 2\})$	6480

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36, 18, 12, 3, 2^8\})$	48
36	$\mathcal{O}(0; \{36, 18, 12, 3^4, 2^4\})$	384
36	$\mathcal{O}(0; \{36, 18, 12, 3^7\})$	3072
36	$\mathcal{O}(0; \{36, 18, 12, 4^2, 3, 2^5\})$	192
36	$\mathcal{O}(0; \{36, 18, 12, 4^2, 3^4, 2\})$	1536
36	$\mathcal{O}(0; \{36, 18, 12, 4^4, 3, 2^2\})$	768
36	$\mathcal{O}(0; \{36, 18, 12, 6, 3^2, 2^5\})$	192
36	$\mathcal{O}(0; \{36, 18, 12, 6, 3^5, 2\})$	1536
36	$\mathcal{O}(0; \{36, 18, 12, 6, 4^2, 3^2, 2^2\})$	768
36	$\mathcal{O}(0; \{36, 18, 12, 6^2, 2^6\})$	96
36	$\mathcal{O}(0; \{36, 18, 12, 6^2, 3^3, 2^2\})$	768
36	$\mathcal{O}(0; \{36, 18, 12, 6^2, 4^2, 2^3\})$	384
36	$\mathcal{O}(0; \{36, 18, 12, 6^2, 4^4\})$	1536
36	$\mathcal{O}(0; \{36, 18, 12, 6^3, 3, 2^3\})$	384
36	$\mathcal{O}(0; \{36, 18, 12, 6^3, 4^2, 3\})$	1536
36	$\mathcal{O}(0; \{36, 18, 12, 6^4, 3^2\})$	1536
36	$\mathcal{O}(0; \{36, 18, 12, 6^5, 2\})$	768
36	$\mathcal{O}(0; \{36, 18, 12, 9^3, 2^4\})$	3240
36	$\mathcal{O}(0; \{36, 18, 12, 9^3, 3^3\})$	25920
36	$\mathcal{O}(0; \{36, 18, 12, 9^3, 4^2, 2\})$	12960
36	$\mathcal{O}(0; \{36, 18, 12, 9^3, 6, 3, 2\})$	12960
36	$\mathcal{O}(0; \{36, 18, 12^2, 4, 2^6\})$	192
36	$\mathcal{O}(0; \{36, 18, 12^2, 4, 3^3, 2^2\})$	1536
36	$\mathcal{O}(0; \{36, 18, 12^2, 4^3, 2^3\})$	768
36	$\mathcal{O}(0; \{36, 18, 12^2, 4^5\})$	3072
36	$\mathcal{O}(0; \{36, 18, 12^2, 6, 4, 3, 2^3\})$	768
36	$\mathcal{O}(0; \{36, 18, 12^2, 6, 4^3, 3\})$	3072
36	$\mathcal{O}(0; \{36, 18, 12^2, 6^2, 4, 3^2\})$	3072
36	$\mathcal{O}(0; \{36, 18, 12^2, 6^3, 4, 2\})$	1536
36	$\mathcal{O}(0; \{36, 18, 12^3, 3^2, 2^3\})$	1536
36	$\mathcal{O}(0; \{36, 18, 12^3, 4^2, 3^2\})$	6144
36	$\mathcal{O}(0; \{36, 18, 12^3, 6, 2^4\})$	768
36	$\mathcal{O}(0; \{36, 18, 12^3, 6, 3^3\})$	6144
36	$\mathcal{O}(0; \{36, 18, 12^3, 6, 4^2, 2\})$	3072
36	$\mathcal{O}(0; \{36, 18, 12^3, 6^2, 3, 2\})$	3072
36	$\mathcal{O}(0; \{36, 18, 12^4, 4, 3, 2\})$	6144
36	$\mathcal{O}(0; \{36, 18, 12^5, 2^2\})$	6144
36	$\mathcal{O}(0; \{36, 18^2, 9, 4, 2^6\})$	324
36	$\mathcal{O}(0; \{36, 18^2, 9, 4, 3^3, 2^2\})$	2592
36	$\mathcal{O}(0; \{36, 18^2, 9, 4^3, 2^3\})$	1296
36	$\mathcal{O}(0; \{36, 18^2, 9, 4^5\})$	5184
36	$\mathcal{O}(0; \{36, 18^2, 9, 6, 4, 3, 2^3\})$	1296
36	$\mathcal{O}(0; \{36, 18^2, 9, 6, 4^3, 3\})$	5184

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36, 18^2, 9, 6^2, 4, 3^2\})$	5184
36	$\mathcal{O}(0; \{36, 18^2, 9, 6^3, 4, 2\})$	2592
36	$\mathcal{O}(0; \{36, 18^2, 12, 9, 3^2, 2^3\})$	2592
36	$\mathcal{O}(0; \{36, 18^2, 12, 9, 4^2, 3^2\})$	10368
36	$\mathcal{O}(0; \{36, 18^2, 12, 9, 6, 2^4\})$	1296
36	$\mathcal{O}(0; \{36, 18^2, 12, 9, 6, 3^3\})$	10368
36	$\mathcal{O}(0; \{36, 18^2, 12, 9, 6, 4^2, 2\})$	5184
36	$\mathcal{O}(0; \{36, 18^2, 12, 9, 6^2, 3, 2\})$	5184
36	$\mathcal{O}(0; \{36, 18^2, 12^2, 9, 4, 3, 2\})$	10368
36	$\mathcal{O}(0; \{36, 18^2, 12^3, 9, 2^2\})$	10368
36	$\mathcal{O}(0; \{36, 18^3, 9^2, 4, 3, 2\})$	21384
36	$\mathcal{O}(0; \{36, 18^3, 12, 9^2, 2^2\})$	21384
36	$\mathcal{O}(0; \{36, 18^4, 4, 2^4\})$	1620
36	$\mathcal{O}(0; \{36, 18^4, 4, 3^3\})$	12960
36	$\mathcal{O}(0; \{36, 18^4, 4^3, 2\})$	6480
36	$\mathcal{O}(0; \{36, 18^4, 6, 4, 3, 2\})$	6480
36	$\mathcal{O}(0; \{36, 18^4, 12, 3^2, 2\})$	12960
36	$\mathcal{O}(0; \{36, 18^4, 12, 6, 2^2\})$	6480
36	$\mathcal{O}(0; \{36, 18^4, 12^3\})$	51840
36	$\mathcal{O}(0; \{36, 18^5, 12, 9\})$	122472
36	$\mathcal{O}(0; \{36^2, 9, 3, 2^8\})$	72
36	$\mathcal{O}(0; \{36^2, 9, 3^4, 2^4\})$	576
36	$\mathcal{O}(0; \{36^2, 9, 3^7\})$	4608
36	$\mathcal{O}(0; \{36^2, 9, 4^2, 3, 2^5\})$	288
36	$\mathcal{O}(0; \{36^2, 9, 4^2, 3^4, 2\})$	2304
36	$\mathcal{O}(0; \{36^2, 9, 4^4, 3, 2^2\})$	1152
36	$\mathcal{O}(0; \{36^2, 9, 6, 3^2, 2^5\})$	288
36	$\mathcal{O}(0; \{36^2, 9, 6, 3^5, 2\})$	2304
36	$\mathcal{O}(0; \{36^2, 9, 6, 4^2, 3^2, 2^2\})$	1152
36	$\mathcal{O}(0; \{36^2, 9, 6^2, 2^6\})$	144
36	$\mathcal{O}(0; \{36^2, 9, 6^2, 3^3, 2^2\})$	1152
36	$\mathcal{O}(0; \{36^2, 9, 6^2, 4^2, 2^3\})$	576
36	$\mathcal{O}(0; \{36^2, 9, 6^2, 4^4\})$	2304
36	$\mathcal{O}(0; \{36^2, 9, 6^3, 3, 2^3\})$	576
36	$\mathcal{O}(0; \{36^2, 9, 6^3, 4^2, 3\})$	2304
36	$\mathcal{O}(0; \{36^2, 9, 6^4, 3^2\})$	2304
36	$\mathcal{O}(0; \{36^2, 9, 6^5, 2\})$	1152
36	$\mathcal{O}(0; \{36^2, 9^4, 2^4\})$	10692
36	$\mathcal{O}(0; \{36^2, 9^4, 3^3\})$	85536
36	$\mathcal{O}(0; \{36^2, 9^4, 4^2, 2\})$	42768
36	$\mathcal{O}(0; \{36^2, 9^4, 6, 3, 2\})$	42768
36	$\mathcal{O}(0; \{36^2, 12, 9, 4, 2^6\})$	288
36	$\mathcal{O}(0; \{36^2, 12, 9, 4, 3^3, 2^2\})$	2304

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36^2, 12, 9, 4^3, 2^3\})$	1152
36	$\mathcal{O}(0; \{36^2, 12, 9, 4^5\})$	4608
36	$\mathcal{O}(0; \{36^2, 12, 9, 6, 4, 3, 2^3\})$	1152
36	$\mathcal{O}(0; \{36^2, 12, 9, 6, 4^3, 3\})$	4608
36	$\mathcal{O}(0; \{36^2, 12, 9, 6^2, 4, 3^2\})$	4608
36	$\mathcal{O}(0; \{36^2, 12, 9, 6^3, 4, 2\})$	2304
36	$\mathcal{O}(0; \{36^2, 12^2, 9, 3^2, 2^3\})$	2304
36	$\mathcal{O}(0; \{36^2, 12^2, 9, 4^2, 3^2\})$	9216
36	$\mathcal{O}(0; \{36^2, 12^2, 9, 6, 2^4\})$	1152
36	$\mathcal{O}(0; \{36^2, 12^2, 9, 6, 3^3\})$	9216
36	$\mathcal{O}(0; \{36^2, 12^2, 9, 6, 4^2, 2\})$	4608
36	$\mathcal{O}(0; \{36^2, 12^2, 9, 6^2, 3, 2\})$	4608
36	$\mathcal{O}(0; \{36^2, 12^3, 9, 4, 3, 2\})$	9216
36	$\mathcal{O}(0; \{36^2, 12^4, 9, 2^2\})$	9216
36	$\mathcal{O}(0; \{36^2, 18, 9^2, 3^2, 2^3\})$	6480
36	$\mathcal{O}(0; \{36^2, 18, 9^2, 4^2, 3^2\})$	25920
36	$\mathcal{O}(0; \{36^2, 18, 9^2, 6, 2^4\})$	3240
36	$\mathcal{O}(0; \{36^2, 18, 9^2, 6, 3^3\})$	25920
36	$\mathcal{O}(0; \{36^2, 18, 9^2, 6, 4^2, 2\})$	12960
36	$\mathcal{O}(0; \{36^2, 18, 9^2, 6^2, 3, 2\})$	12960
36	$\mathcal{O}(0; \{36^2, 18, 12, 9^2, 4, 3, 2\})$	25920
36	$\mathcal{O}(0; \{36^2, 18, 12^2, 9^2, 2^2\})$	25920
36	$\mathcal{O}(0; \{36^2, 18^2, 3, 2^6\})$	648
36	$\mathcal{O}(0; \{36^2, 18^2, 3^4, 2^2\})$	5184
36	$\mathcal{O}(0; \{36^2, 18^2, 4^2, 3, 2^3\})$	2592
36	$\mathcal{O}(0; \{36^2, 18^2, 4^4, 3\})$	10368
36	$\mathcal{O}(0; \{36^2, 18^2, 6, 3^2, 2^3\})$	2592
36	$\mathcal{O}(0; \{36^2, 18^2, 6, 4^2, 3^2\})$	10368
36	$\mathcal{O}(0; \{36^2, 18^2, 6^2, 2^4\})$	1296
36	$\mathcal{O}(0; \{36^2, 18^2, 6^2, 3^3\})$	10368
36	$\mathcal{O}(0; \{36^2, 18^2, 6^2, 4^2, 2\})$	5184
36	$\mathcal{O}(0; \{36^2, 18^2, 6^3, 3, 2\})$	5184
36	$\mathcal{O}(0; \{36^2, 18^2, 9^3, 2^2\})$	61236
36	$\mathcal{O}(0; \{36^2, 18^2, 12, 4, 2^4\})$	2592
36	$\mathcal{O}(0; \{36^2, 18^2, 12, 4, 3^3\})$	20736
36	$\mathcal{O}(0; \{36^2, 18^2, 12, 4^3, 2\})$	10368
36	$\mathcal{O}(0; \{36^2, 18^2, 12, 6, 4, 3, 2\})$	10368
36	$\mathcal{O}(0; \{36^2, 18^2, 12^2, 3^2, 2\})$	20736
36	$\mathcal{O}(0; \{36^2, 18^2, 12^2, 6, 2^2\})$	10368
36	$\mathcal{O}(0; \{36^2, 18^2, 12^4\})$	82944
36	$\mathcal{O}(0; \{36^2, 18^3, 9, 3^2, 2\})$	42768
36	$\mathcal{O}(0; \{36^2, 18^3, 9, 6, 2^2\})$	21384
36	$\mathcal{O}(0; \{36^2, 18^3, 12^2, 9\})$	171072

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36^2, 18^4, 9^2\})$	376164
36	$\mathcal{O}(0; \{36^2, 18^5, 6\})$	122472
36	$\mathcal{O}(0; \{36^3, 4, 3^2, 2^5\})$	576
36	$\mathcal{O}(0; \{36^3, 4, 3^5, 2\})$	4608
36	$\mathcal{O}(0; \{36^3, 4^3, 3^2, 2^2\})$	2304
36	$\mathcal{O}(0; \{36^3, 6, 4, 2^6\})$	288
36	$\mathcal{O}(0; \{36^3, 6, 4, 3^3, 2^2\})$	2304
36	$\mathcal{O}(0; \{36^3, 6, 4^3, 2^3\})$	1152
36	$\mathcal{O}(0; \{36^3, 6, 4^5\})$	4608
36	$\mathcal{O}(0; \{36^3, 6^2, 4, 3, 2^3\})$	1152
36	$\mathcal{O}(0; \{36^3, 6^2, 4^3, 3\})$	4608
36	$\mathcal{O}(0; \{36^3, 6^3, 4, 3^2\})$	4608
36	$\mathcal{O}(0; \{36^3, 6^4, 4, 2\})$	2304
36	$\mathcal{O}(0; \{36^3, 9^3, 4, 3, 2\})$	85536
36	$\mathcal{O}(0; \{36^3, 12, 3, 2^6\})$	576
36	$\mathcal{O}(0; \{36^3, 12, 3^4, 2^2\})$	4608
36	$\mathcal{O}(0; \{36^3, 12, 4^2, 3, 2^3\})$	2304
36	$\mathcal{O}(0; \{36^3, 12, 4^4, 3\})$	9216
36	$\mathcal{O}(0; \{36^3, 12, 6, 3^2, 2^3\})$	2304
36	$\mathcal{O}(0; \{36^3, 12, 6, 4^2, 3^2\})$	9216
36	$\mathcal{O}(0; \{36^3, 12, 6^2, 2^4\})$	1152
36	$\mathcal{O}(0; \{36^3, 12, 6^2, 3^3\})$	9216
36	$\mathcal{O}(0; \{36^3, 12, 6^2, 4^2, 2\})$	4608
36	$\mathcal{O}(0; \{36^3, 12, 6^3, 3, 2\})$	4608
36	$\mathcal{O}(0; \{36^3, 12, 9^3, 2^2\})$	85536
36	$\mathcal{O}(0; \{36^3, 12^2, 4, 2^4\})$	2304
36	$\mathcal{O}(0; \{36^3, 12^2, 4, 3^3\})$	18432
36	$\mathcal{O}(0; \{36^3, 12^2, 4^3, 2\})$	9216
36	$\mathcal{O}(0; \{36^3, 12^2, 6, 4, 3, 2\})$	9216
36	$\mathcal{O}(0; \{36^3, 12^3, 3^2, 2\})$	18432
36	$\mathcal{O}(0; \{36^3, 12^3, 6, 2^2\})$	9216
36	$\mathcal{O}(0; \{36^3, 12^5\})$	73728
36	$\mathcal{O}(0; \{36^3, 18, 9, 4, 2^4\})$	6480
36	$\mathcal{O}(0; \{36^3, 18, 9, 4, 3^3\})$	51840
36	$\mathcal{O}(0; \{36^3, 18, 9, 4^3, 2\})$	25920
36	$\mathcal{O}(0; \{36^3, 18, 9, 6, 4, 3, 2\})$	25920
36	$\mathcal{O}(0; \{36^3, 18, 12, 9, 3^2, 2\})$	51840
36	$\mathcal{O}(0; \{36^3, 18, 12, 9, 6, 2^2\})$	25920
36	$\mathcal{O}(0; \{36^3, 18, 12^3, 9\})$	207360
36	$\mathcal{O}(0; \{36^3, 18^2, 12, 9^2\})$	489888
36	$\mathcal{O}(0; \{36^3, 18^3, 4, 2^2\})$	42768
36	$\mathcal{O}(0; \{36^3, 18^3, 12, 6\})$	171072
36	$\mathcal{O}(0; \{36^4, 9^2, 3^2, 2\})$	171072

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36^4, 9^2, 6, 2^2\})$	85536
36	$\mathcal{O}(0; \{36^4, 12^2, 9^2\})$	684288
36	$\mathcal{O}(0; \{36^4, 18, 3, 2^4\})$	12960
36	$\mathcal{O}(0; \{36^4, 18, 3^4\})$	103680
36	$\mathcal{O}(0; \{36^4, 18, 4^2, 3, 2\})$	51840
36	$\mathcal{O}(0; \{36^4, 18, 6, 3^2, 2\})$	51840
36	$\mathcal{O}(0; \{36^4, 18, 6^2, 2^2\})$	25920
36	$\mathcal{O}(0; \{36^4, 18, 9^3\})$	1504656
36	$\mathcal{O}(0; \{36^4, 18, 12, 4, 2^2\})$	51840
36	$\mathcal{O}(0; \{36^4, 18, 12^2, 6\})$	207360
36	$\mathcal{O}(0; \{36^4, 18^2, 9, 6\})$	489888
36	$\mathcal{O}(0; \{36^5, 9, 4, 2^2\})$	171072
36	$\mathcal{O}(0; \{36^5, 12, 9, 6\})$	684288
36	$\mathcal{O}(0; \{36^5, 18^2, 4\})$	979776
36	$\mathcal{O}(0; \{36^6, 3, 2^2\})$	342144
36	$\mathcal{O}(0; \{36^6, 6^2\})$	684288
36	$\mathcal{O}(0; \{36^6, 12, 4\})$	1368576
38	$\mathcal{O}(0; \{38, 19^5, 2^3\})$	1790118
38	$\mathcal{O}(0; \{38^3, 19^4, 2\})$	32222106
39	$\mathcal{O}(1; \{39, 13^3, 3^2\})$	4855032
39	$\mathcal{O}(0; \{39, 13^3, 3^5\})$	35112
39	$\mathcal{O}(0; \{39^4, 13^2, 3^2\})$	5053224
40	$\mathcal{O}(2; \{40^2, 2^2\})$	40960000
40	$\mathcal{O}(1; \{8^2, 5^4\})$	332800
40	$\mathcal{O}(1; \{10, 8^2, 5, 2^3\})$	25600
40	$\mathcal{O}(1; \{10, 8^2, 5, 4^2\})$	102400
40	$\mathcal{O}(1; \{10^3, 8^2, 2\})$	76800
40	$\mathcal{O}(1; \{20^2, 8^2, 5, 2\})$	307200
40	$\mathcal{O}(1; \{40, 8, 5^2, 2^3\})$	76800
40	$\mathcal{O}(1; \{40, 8, 5^2, 4^2\})$	307200
40	$\mathcal{O}(1; \{40, 10^2, 8, 5, 2\})$	332800
40	$\mathcal{O}(1; \{40, 20, 10, 8, 4, 2\})$	307200
40	$\mathcal{O}(1; \{40^2, 2^6\})$	25600
40	$\mathcal{O}(1; \{40^2, 4^2, 2^3\})$	102400
40	$\mathcal{O}(1; \{40^2, 4^4\})$	409600
40	$\mathcal{O}(1; \{40^2, 8^2, 4, 2\})$	819200
40	$\mathcal{O}(1; \{40^2, 10, 5^2, 2\})$	1305600
40	$\mathcal{O}(1; \{40^2, 20, 5, 4, 2\})$	1331200
40	$\mathcal{O}(0; \{8^2, 5^4, 2^4\})$	208
40	$\mathcal{O}(0; \{8^2, 5^4, 4^2, 2\})$	832
40	$\mathcal{O}(0; \{10, 8^2, 5, 2^7\})$	16
40	$\mathcal{O}(0; \{10, 8^2, 5, 4^2, 2^4\})$	64
40	$\mathcal{O}(0; \{10, 8^2, 5, 4^4, 2\})$	256

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
40	$\mathcal{O}(0; \{10, 8^4, 5, 4, 2^2\})$	512
40	$\mathcal{O}(0; \{10, 8^6, 5\})$	4096
40	$\mathcal{O}(0; \{10^2, 8^2, 5^3, 2^2\})$	816
40	$\mathcal{O}(0; \{10^3, 8^2, 2^5\})$	48
40	$\mathcal{O}(0; \{10^3, 8^2, 4^2, 2^2\})$	192
40	$\mathcal{O}(0; \{10^3, 8^4, 4\})$	1536
40	$\mathcal{O}(0; \{10^4, 8^2, 5^2\})$	3280
40	$\mathcal{O}(0; \{20, 10, 8^2, 5^2, 4, 2^2\})$	832
40	$\mathcal{O}(0; \{20, 10, 8^4, 5^2\})$	6656
40	$\mathcal{O}(0; \{20, 10^3, 8^2, 5, 4\})$	3264
40	$\mathcal{O}(0; \{20^2, 8^2, 5, 2^5\})$	192
40	$\mathcal{O}(0; \{20^2, 8^2, 5, 4^2, 2^2\})$	768
40	$\mathcal{O}(0; \{20^2, 8^4, 5, 4\})$	6144
40	$\mathcal{O}(0; \{20^2, 10, 8^2, 5^3\})$	13120
40	$\mathcal{O}(0; \{20^2, 10^2, 8^2, 2^3\})$	832
40	$\mathcal{O}(0; \{20^2, 10^2, 8^2, 4^2\})$	3328
40	$\mathcal{O}(0; \{20^3, 8^2, 5^2, 4\})$	13056
40	$\mathcal{O}(0; \{20^4, 10, 8^2, 2\})$	13056
40	$\mathcal{O}(0; \{40, 8, 5^2, 2^7\})$	48
40	$\mathcal{O}(0; \{40, 8, 5^2, 4^2, 2^4\})$	192
40	$\mathcal{O}(0; \{40, 8, 5^2, 4^4, 2\})$	768
40	$\mathcal{O}(0; \{40, 8^3, 5^2, 4, 2^2\})$	1536
40	$\mathcal{O}(0; \{40, 8^5, 5^2\})$	12288
40	$\mathcal{O}(0; \{40, 10, 8, 5^4, 2^2\})$	3280
40	$\mathcal{O}(0; \{40, 10^2, 8, 5, 2^3\})$	208
40	$\mathcal{O}(0; \{40, 10^2, 8, 5, 4^2, 2^2\})$	832
40	$\mathcal{O}(0; \{40, 10^2, 8^3, 5, 4\})$	6656
40	$\mathcal{O}(0; \{40, 10^3, 8, 5^3\})$	13104
40	$\mathcal{O}(0; \{40, 10^4, 8, 2^3\})$	816
40	$\mathcal{O}(0; \{40, 10^4, 8, 4^2\})$	3264
40	$\mathcal{O}(0; \{40, 20, 8, 5^3, 4, 2^2\})$	3264
40	$\mathcal{O}(0; \{40, 20, 8^3, 5^3\})$	26112
40	$\mathcal{O}(0; \{40, 20, 10, 8, 4, 2^5\})$	192
40	$\mathcal{O}(0; \{40, 20, 10, 8, 4^3, 2^2\})$	768
40	$\mathcal{O}(0; \{40, 20, 10, 8^3, 2^3\})$	1536
40	$\mathcal{O}(0; \{40, 20, 10, 8^3, 4^2\})$	6144
40	$\mathcal{O}(0; \{40, 20, 10^2, 8, 5^2, 4\})$	13120
40	$\mathcal{O}(0; \{40, 20^2, 8, 5^4\})$	52416
40	$\mathcal{O}(0; \{40, 20^2, 10, 8, 5, 2^3\})$	3264
40	$\mathcal{O}(0; \{40, 20^2, 10, 8, 5, 4^2\})$	13056
40	$\mathcal{O}(0; \{40, 20^2, 10^3, 8, 2\})$	13120
40	$\mathcal{O}(0; \{40, 20^3, 8, 4, 2^3\})$	3328
40	$\mathcal{O}(0; \{40, 20^3, 8, 4^3\})$	13312

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
40	$\mathcal{O}(0; \{40, 20^3, 8^3, 2\})$	26624
40	$\mathcal{O}(0; \{40, 20^4, 8, 5, 2\})$	52480
40	$\mathcal{O}(0; \{40^2, 2^{10}\})$	16
40	$\mathcal{O}(0; \{40^2, 4^2, 2^7\})$	64
40	$\mathcal{O}(0; \{40^2, 4^4, 2^4\})$	256
40	$\mathcal{O}(0; \{40^2, 4^6, 2\})$	1024
40	$\mathcal{O}(0; \{40^2, 5^5, 2^2\})$	13104
40	$\mathcal{O}(0; \{40^2, 8^2, 4, 2^5\})$	512
40	$\mathcal{O}(0; \{40^2, 8^2, 4^3, 2^2\})$	2048
40	$\mathcal{O}(0; \{40^2, 8^4, 2^3\})$	4096
40	$\mathcal{O}(0; \{40^2, 8^4, 4^2\})$	16384
40	$\mathcal{O}(0; \{40^2, 10, 5^2, 2^5\})$	816
40	$\mathcal{O}(0; \{40^2, 10, 5^2, 4^2, 2^2\})$	3264
40	$\mathcal{O}(0; \{40^2, 10, 8^2, 5^2, 4\})$	26112
40	$\mathcal{O}(0; \{40^2, 10^2, 5^4\})$	52432
40	$\mathcal{O}(0; \{40^2, 10^3, 5, 2^3\})$	3280
40	$\mathcal{O}(0; \{40^2, 10^3, 5, 4^2\})$	13120
40	$\mathcal{O}(0; \{40^2, 10^5, 2\})$	13104
40	$\mathcal{O}(0; \{40^2, 20, 5, 4, 2^5\})$	832
40	$\mathcal{O}(0; \{40^2, 20, 5, 4^3, 2^2\})$	3328
40	$\mathcal{O}(0; \{40^2, 20, 8^2, 5, 2^3\})$	6656
40	$\mathcal{O}(0; \{40^2, 20, 8^2, 5, 4^2\})$	26624
40	$\mathcal{O}(0; \{40^2, 20, 10, 5^3, 4\})$	52416
40	$\mathcal{O}(0; \{40^2, 20, 10^2, 4, 2^3\})$	3264
40	$\mathcal{O}(0; \{40^2, 20, 10^2, 4^3\})$	13056
40	$\mathcal{O}(0; \{40^2, 20, 10^2, 8^2, 2\})$	26112
40	$\mathcal{O}(0; \{40^2, 20^2, 5^2, 2^3\})$	13120
40	$\mathcal{O}(0; \{40^2, 20^2, 5^2, 4^2\})$	52480
40	$\mathcal{O}(0; \{40^2, 20^2, 10^2, 5, 2\})$	52416
40	$\mathcal{O}(0; \{40^2, 20^3, 10, 4, 2\})$	52480
40	$\mathcal{O}(0; \{40^3, 8, 5^3, 4\})$	104960
40	$\mathcal{O}(0; \{40^3, 10, 8, 4, 2^3\})$	6656
40	$\mathcal{O}(0; \{40^3, 10, 8, 4^3\})$	26624
40	$\mathcal{O}(0; \{40^3, 10, 8^3, 2\})$	53248
40	$\mathcal{O}(0; \{40^3, 20, 10, 8, 5, 2\})$	104960
40	$\mathcal{O}(0; \{40^3, 20^2, 8, 4, 2\})$	104448
40	$\mathcal{O}(0; \{40^4, 5, 4, 2^3\})$	26112
40	$\mathcal{O}(0; \{40^4, 5, 4^3\})$	104448
40	$\mathcal{O}(0; \{40^4, 8^2, 5, 2\})$	208896
40	$\mathcal{O}(0; \{40^4, 10^2, 4, 2\})$	104960
40	$\mathcal{O}(0; \{40^4, 20, 5^2, 2\})$	419328
41	$\mathcal{O}(0; \{41^7\})$	3996097560
42	$\mathcal{O}(2; \{7^2, 2^2\})$	18439680

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(2; \{14^2, 7\})$	92198400
42	$\mathcal{O}(2; \{21, 14, 6\})$	37340352
42	$\mathcal{O}(1; \{7^2, 2^6\})$	9408
42	$\mathcal{O}(1; \{7^2, 3^3, 2^2\})$	21168
42	$\mathcal{O}(1; \{7^2, 6, 3, 2^3\})$	21168
42	$\mathcal{O}(1; \{7^2, 6^2, 3^2\})$	63504
42	$\mathcal{O}(1; \{7^2, 6^3, 2\})$	21168
42	$\mathcal{O}(1; \{14^2, 7, 2^4\})$	47040
42	$\mathcal{O}(1; \{14^2, 7, 3^3\})$	105840
42	$\mathcal{O}(1; \{14^2, 7, 6, 3, 2\})$	105840
42	$\mathcal{O}(1; \{14^4, 2^2\})$	291648
42	$\mathcal{O}(1; \{21, 14, 3^2, 2^3\})$	21168
42	$\mathcal{O}(1; \{21, 14, 6, 2^4\})$	21168
42	$\mathcal{O}(1; \{21, 14, 6, 3^3\})$	105840
42	$\mathcal{O}(1; \{21, 14, 6^2, 3, 2\})$	63504
42	$\mathcal{O}(1; \{21^3, 7, 2^2\})$	656208
42	$\mathcal{O}(1; \{21^3, 14^2\})$	3916080
42	$\mathcal{O}(1; \{42, 7^3, 3, 2\})$	656208
42	$\mathcal{O}(1; \{42, 21, 14, 7, 2^2\})$	656208
42	$\mathcal{O}(1; \{42, 21, 14^3\})$	3916080
42	$\mathcal{O}(1; \{42, 21^2, 3^2, 2\})$	529200
42	$\mathcal{O}(1; \{42, 21^2, 6, 2^2\})$	317520
42	$\mathcal{O}(1; \{42^2, 14, 3^2, 2\})$	317520
42	$\mathcal{O}(1; \{42^2, 14, 6, 2^2\})$	105840
42	$\mathcal{O}(1; \{42^2, 21^2, 7\})$	11748240
42	$\mathcal{O}(1; \{42^3, 14, 7\})$	3916080
42	$\mathcal{O}(1; \{42^3, 21, 6\})$	3281040
42	$\mathcal{O}(0; \{7^2, 3^3, 2^6\})$	12
42	$\mathcal{O}(0; \{7^2, 3^6, 2^2\})$	132
42	$\mathcal{O}(0; \{7^2, 6, 3, 2^7\})$	12
42	$\mathcal{O}(0; \{7^2, 6, 3^4, 2^3\})$	60
42	$\mathcal{O}(0; \{7^2, 6^2, 3^2, 2^4\})$	36
42	$\mathcal{O}(0; \{7^2, 6^2, 3^5\})$	252
42	$\mathcal{O}(0; \{7^2, 6^3, 2^5\})$	12
42	$\mathcal{O}(0; \{7^2, 6^3, 3^3, 2\})$	132
42	$\mathcal{O}(0; \{7^2, 6^4, 3, 2^2\})$	60
42	$\mathcal{O}(0; \{7^2, 6^6\})$	132
42	$\mathcal{O}(0; \{14, 7^5, 6, 3\})$	13332
42	$\mathcal{O}(0; \{14^2, 7, 3^3, 2^4\})$	60
42	$\mathcal{O}(0; \{14^2, 7, 3^6\})$	660
42	$\mathcal{O}(0; \{14^2, 7, 6, 3, 2^5\})$	60
42	$\mathcal{O}(0; \{14^2, 7, 6, 3^4, 2\})$	300
42	$\mathcal{O}(0; \{14^2, 7, 6^2, 3^2, 2^2\})$	180

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(0; \{14^2, 7, 6^3, 2^3\})$	60
42	$\mathcal{O}(0; \{14^2, 7, 6^4, 3\})$	300
42	$\mathcal{O}(0; \{14^4, 3^3, 2^2\})$	372
42	$\mathcal{O}(0; \{14^4, 6, 3, 2^3\})$	372
42	$\mathcal{O}(0; \{14^4, 6^2, 3^2\})$	1116
42	$\mathcal{O}(0; \{14^4, 6^3, 2\})$	372
42	$\mathcal{O}(0; \{21, 7^4, 3^2, 2^2\})$	2220
42	$\mathcal{O}(0; \{21, 7^4, 6, 2^3\})$	2220
42	$\mathcal{O}(0; \{21, 7^4, 6^2, 3\})$	6660
42	$\mathcal{O}(0; \{21, 14, 3^2, 2^7\})$	12
42	$\mathcal{O}(0; \{21, 14, 3^5, 2^3\})$	132
42	$\mathcal{O}(0; \{21, 14, 6, 2^8\})$	12
42	$\mathcal{O}(0; \{21, 14, 6, 3^3, 2^4\})$	60
42	$\mathcal{O}(0; \{21, 14, 6, 3^6\})$	516
42	$\mathcal{O}(0; \{21, 14, 6^2, 3, 2^5\})$	36
42	$\mathcal{O}(0; \{21, 14, 6^2, 3^4, 2\})$	252
42	$\mathcal{O}(0; \{21, 14, 6^3, 3^2, 2^2\})$	132
42	$\mathcal{O}(0; \{21, 14, 6^4, 2^3\})$	60
42	$\mathcal{O}(0; \{21, 14, 6^5, 3\})$	252
42	$\mathcal{O}(0; \{21, 14^2, 7^3, 3^2\})$	13332
42	$\mathcal{O}(0; \{21, 14^2, 7^3, 6, 2\})$	13332
42	$\mathcal{O}(0; \{21^2, 14, 7^2, 3, 2^3\})$	2220
42	$\mathcal{O}(0; \{21^2, 14, 7^2, 6, 3^2\})$	11100
42	$\mathcal{O}(0; \{21^2, 14, 7^2, 6^2, 2\})$	6660
42	$\mathcal{O}(0; \{21^2, 14^3, 7, 3, 2\})$	13332
42	$\mathcal{O}(0; \{21^3, 7, 2^6\})$	372
42	$\mathcal{O}(0; \{21^3, 7, 3^3, 2^2\})$	4092
42	$\mathcal{O}(0; \{21^3, 7, 6, 3, 2^3\})$	1860
42	$\mathcal{O}(0; \{21^3, 7, 6^2, 3^2\})$	7812
42	$\mathcal{O}(0; \{21^3, 7, 6^3, 2\})$	4092
42	$\mathcal{O}(0; \{21^3, 14^2, 2^4\})$	2220
42	$\mathcal{O}(0; \{21^3, 14^2, 3^3\})$	24420
42	$\mathcal{O}(0; \{21^3, 14^2, 6, 3, 2\})$	11100
42	$\mathcal{O}(0; \{21^6, 2^2\})$	146652
42	$\mathcal{O}(0; \{42, 7^3, 3, 2^5\})$	372
42	$\mathcal{O}(0; \{42, 7^3, 3^4, 2\})$	1860
42	$\mathcal{O}(0; \{42, 7^3, 6, 3^2, 2^2\})$	1116
42	$\mathcal{O}(0; \{42, 7^3, 6^2, 2^3\})$	372
42	$\mathcal{O}(0; \{42, 7^3, 6^3, 3\})$	1860
42	$\mathcal{O}(0; \{42, 14^2, 7^2, 3, 2^3\})$	2220
42	$\mathcal{O}(0; \{42, 14^2, 7^2, 6, 3^2\})$	6660
42	$\mathcal{O}(0; \{42, 14^2, 7^2, 6^2, 2\})$	2220
42	$\mathcal{O}(0; \{42, 14^4, 7, 3, 2\})$	13332

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(0; \{42, 21, 7^5, 2\})$	79980
42	$\mathcal{O}(0; \{42, 21, 14, 7, 2^6\})$	372
42	$\mathcal{O}(0; \{42, 21, 14, 7, 3^3, 2^2\})$	1860
42	$\mathcal{O}(0; \{42, 21, 14, 7, 6, 3, 2^3\})$	1116
42	$\mathcal{O}(0; \{42, 21, 14, 7, 6^2, 3^2\})$	4092
42	$\mathcal{O}(0; \{42, 21, 14, 7, 6^3, 2\})$	1860
42	$\mathcal{O}(0; \{42, 21, 14^3, 2^4\})$	2220
42	$\mathcal{O}(0; \{42, 21, 14^3, 3^3\})$	11100
42	$\mathcal{O}(0; \{42, 21, 14^3, 6, 3, 2\})$	6660
42	$\mathcal{O}(0; \{42, 21^2, 3^2, 2^5\})$	300
42	$\mathcal{O}(0; \{42, 21^2, 3^5, 2\})$	2580
42	$\mathcal{O}(0; \{42, 21^2, 6, 2^6\})$	180
42	$\mathcal{O}(0; \{42, 21^2, 6, 3^3, 2^2\})$	1260
42	$\mathcal{O}(0; \{42, 21^2, 6^2, 3, 2^3\})$	660
42	$\mathcal{O}(0; \{42, 21^2, 6^3, 3^2\})$	2580
42	$\mathcal{O}(0; \{42, 21^2, 6^4, 2\})$	1260
42	$\mathcal{O}(0; \{42, 21^3, 7^2, 3, 2\})$	66660
42	$\mathcal{O}(0; \{42, 21^4, 14, 2^2\})$	66660
42	$\mathcal{O}(0; \{42^2, 7^4, 3^2\})$	39996
42	$\mathcal{O}(0; \{42^2, 7^4, 6, 2\})$	13332
42	$\mathcal{O}(0; \{42^2, 14, 3^2, 2^5\})$	180
42	$\mathcal{O}(0; \{42^2, 14, 3^5, 2\})$	1260
42	$\mathcal{O}(0; \{42^2, 14, 6, 2^6\})$	60
42	$\mathcal{O}(0; \{42^2, 14, 6, 3^3, 2^2\})$	660
42	$\mathcal{O}(0; \{42^2, 14, 6^2, 3, 2^3\})$	300
42	$\mathcal{O}(0; \{42^2, 14, 6^3, 3^2\})$	1260
42	$\mathcal{O}(0; \{42^2, 14, 6^4, 2\})$	660
42	$\mathcal{O}(0; \{42^2, 21, 14, 7^2, 3, 2\})$	39996
42	$\mathcal{O}(0; \{42^2, 21^2, 7, 2^4\})$	6660
42	$\mathcal{O}(0; \{42^2, 21^2, 7, 3^3\})$	46620
42	$\mathcal{O}(0; \{42^2, 21^2, 7, 6, 3, 2\})$	24420
42	$\mathcal{O}(0; \{42^2, 21^2, 14^2, 2^2\})$	39996
42	$\mathcal{O}(0; \{42^2, 21^5\})$	1679580
42	$\mathcal{O}(0; \{42^3, 14, 7, 2^4\})$	2220
42	$\mathcal{O}(0; \{42^3, 14, 7, 3^3\})$	24420
42	$\mathcal{O}(0; \{42^3, 14, 7, 6, 3, 2\})$	11100
42	$\mathcal{O}(0; \{42^3, 14^3, 2^2\})$	13332
42	$\mathcal{O}(0; \{42^3, 21, 3^2, 2^3\})$	4092
42	$\mathcal{O}(0; \{42^3, 21, 6, 2^4\})$	1860
42	$\mathcal{O}(0; \{42^3, 21, 6, 3^3\})$	15996
42	$\mathcal{O}(0; \{42^3, 21, 6^2, 3, 2\})$	7812
42	$\mathcal{O}(0; \{42^3, 21^3, 14\})$	879780
42	$\mathcal{O}(0; \{42^4, 21, 7, 2^2\})$	66660

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(0; \{42^4, 21, 14^2\})$	399900
42	$\mathcal{O}(0; \{42^5, 3^2, 2\})$	46620
42	$\mathcal{O}(0; \{42^5, 6, 2^2\})$	24420
42	$\mathcal{O}(0; \{42^6, 7\})$	879780
44	$\mathcal{O}(2; \{4^2, 2^2\})$	7495680
44	$\mathcal{O}(1; \{4^2, 2^6\})$	3840
44	$\mathcal{O}(1; \{4^4, 2^3\})$	15360
44	$\mathcal{O}(1; \{4^6\})$	61440
44	$\mathcal{O}(1; \{44, 22, 11^2, 4\})$	3523520
44	$\mathcal{O}(0; \{44, 22, 11^2, 4, 2^4\})$	1820
44	$\mathcal{O}(0; \{44, 22, 11^2, 4^3, 2\})$	7280
44	$\mathcal{O}(0; \{44, 22^3, 11, 4, 2^2\})$	18180
44	$\mathcal{O}(0; \{44, 22^5, 4\})$	181820
44	$\mathcal{O}(0; \{44^2, 11^5\})$	1818180
44	$\mathcal{O}(0; \{44^3, 11^2, 4, 2^2\})$	72720
44	$\mathcal{O}(0; \{44^3, 22^2, 11, 4\})$	727280
45	$\mathcal{O}(2; \{5^3\})$	48600000
45	$\mathcal{O}(2; \{15, 5, 3\})$	32400000
45	$\mathcal{O}(1; \{5^3, 3^3\})$	43200
45	$\mathcal{O}(1; \{15, 5, 3^4\})$	72000
45	$\mathcal{O}(1; \{15, 9^3, 5\})$	291600
45	$\mathcal{O}(1; \{15^3, 5^2\})$	734400
45	$\mathcal{O}(1; \{15^4, 3\})$	936000
45	$\mathcal{O}(1; \{45, 15, 9, 5^2\})$	1263600
45	$\mathcal{O}(1; \{45, 15^2, 9, 3\})$	1166400
45	$\mathcal{O}(1; \{45^2, 9^2, 3\})$	2624400
45	$\mathcal{O}(1; \{45^3, 5, 3\})$	3790800
45	$\mathcal{O}(0; \{9^3, 5^3, 3^2\})$	864
45	$\mathcal{O}(0; \{15, 9^3, 5, 3^3\})$	1152
45	$\mathcal{O}(0; \{15^4, 9^3\})$	14976
45	$\mathcal{O}(0; \{45, 9, 5^4, 3^2\})$	4896
45	$\mathcal{O}(0; \{45, 15, 9, 5^2, 3^3\})$	4992
45	$\mathcal{O}(0; \{45, 15^2, 9, 3^4\})$	4608
45	$\mathcal{O}(0; \{45, 15^2, 9^4\})$	38880
45	$\mathcal{O}(0; \{45, 15^4, 9, 5\})$	78720
45	$\mathcal{O}(0; \{45^2, 9^2, 3^4\})$	10368
45	$\mathcal{O}(0; \{45^2, 9^5\})$	122472
45	$\mathcal{O}(0; \{45^2, 15^2, 9^2, 5\})$	132192
45	$\mathcal{O}(0; \{45^3, 5, 3^4\})$	14976
45	$\mathcal{O}(0; \{45^3, 9^3, 5\})$	277992
45	$\mathcal{O}(0; \{45^3, 15^2, 5^2\})$	235872
45	$\mathcal{O}(0; \{45^3, 15^3, 3\})$	236160
45	$\mathcal{O}(0; \{45^4, 9, 5^2\})$	664200

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
45	$\mathcal{O}(0; \{45^4, 15, 9, 3\})$	660960
46	$\mathcal{O}(0; \{46, 23^4, 2^3\})$	224070
46	$\mathcal{O}(0; \{46^3, 23^3, 2\})$	4929562
48	$\mathcal{O}(1; \{16^2, 4, 2^3\})$	32768
48	$\mathcal{O}(1; \{16^2, 4^3\})$	131072
48	$\mathcal{O}(1; \{16^2, 6, 4, 3\})$	73728
48	$\mathcal{O}(1; \{16^2, 8^2, 2\})$	262144
48	$\mathcal{O}(1; \{16^2, 12, 3^2\})$	73728
48	$\mathcal{O}(1; \{16^2, 12, 6, 2\})$	73728
48	$\mathcal{O}(1; \{48, 16, 8, 3^2\})$	147456
48	$\mathcal{O}(1; \{48, 16, 8, 6, 2\})$	147456
48	$\mathcal{O}(1; \{48, 24, 16, 4, 2\})$	294912
48	$\mathcal{O}(1; \{48^2, 3, 2^3\})$	36864
48	$\mathcal{O}(1; \{48^2, 4^2, 3\})$	147456
48	$\mathcal{O}(1; \{48^2, 6, 3^2\})$	184320
48	$\mathcal{O}(1; \{48^2, 6^2, 2\})$	110592
48	$\mathcal{O}(1; \{48^2, 12, 4, 2\})$	147456
48	$\mathcal{O}(0; \{16^2, 4, 3^3, 2^3\})$	32
48	$\mathcal{O}(0; \{16^2, 4^3, 3^3\})$	128
48	$\mathcal{O}(0; \{16^2, 6, 4, 3, 2^4\})$	32
48	$\mathcal{O}(0; \{16^2, 6, 4, 3^4\})$	160
48	$\mathcal{O}(0; \{16^2, 6, 4^3, 3, 2\})$	128
48	$\mathcal{O}(0; \{16^2, 6^2, 4, 3^2, 2\})$	96
48	$\mathcal{O}(0; \{16^2, 6^3, 4, 2^2\})$	32
48	$\mathcal{O}(0; \{16^2, 8^2, 3^3, 2\})$	256
48	$\mathcal{O}(0; \{16^2, 8^2, 6, 3, 2^2\})$	256
48	$\mathcal{O}(0; \{16^2, 8^2, 6^3\})$	256
48	$\mathcal{O}(0; \{16^2, 12, 3^2, 2^4\})$	32
48	$\mathcal{O}(0; \{16^2, 12, 3^5\})$	352
48	$\mathcal{O}(0; \{16^2, 12, 4^2, 3^2, 2\})$	128
48	$\mathcal{O}(0; \{16^2, 12, 6, 2^5\})$	32
48	$\mathcal{O}(0; \{16^2, 12, 6, 3^3, 2\})$	160
48	$\mathcal{O}(0; \{16^2, 12, 6, 4^2, 2^2\})$	128
48	$\mathcal{O}(0; \{16^2, 12, 6^2, 3, 2^2\})$	96
48	$\mathcal{O}(0; \{16^2, 12, 6^4\})$	160
48	$\mathcal{O}(0; \{16^2, 12, 8^2, 6, 4\})$	1024
48	$\mathcal{O}(0; \{16^2, 12^2, 4, 3, 2^2\})$	128
48	$\mathcal{O}(0; \{16^2, 12^2, 6^2, 4\})$	384
48	$\mathcal{O}(0; \{16^2, 12^2, 8^2, 3\})$	1024
48	$\mathcal{O}(0; \{16^2, 12^3, 2^3\})$	128
48	$\mathcal{O}(0; \{16^2, 12^3, 4^2\})$	512
48	$\mathcal{O}(0; \{16^2, 12^3, 6, 3\})$	640
48	$\mathcal{O}(0; \{16^4, 8, 6, 3\})$	4096

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{24, 16^2, 8, 4, 3, 2^2\})$	512
48	$\mathcal{O}(0; \{24, 16^2, 8, 6^2, 4\})$	512
48	$\mathcal{O}(0; \{24, 16^2, 8^3, 3\})$	4096
48	$\mathcal{O}(0; \{24, 16^2, 12, 8, 2^3\})$	512
48	$\mathcal{O}(0; \{24, 16^2, 12, 8, 4^2\})$	2048
48	$\mathcal{O}(0; \{24, 16^2, 12, 8, 6, 3\})$	1536
48	$\mathcal{O}(0; \{24, 16^4, 4, 3\})$	8192
48	$\mathcal{O}(0; \{24, 16^4, 12, 2\})$	8192
48	$\mathcal{O}(0; \{24^2, 16^2, 3^2, 2^2\})$	768
48	$\mathcal{O}(0; \{24^2, 16^2, 6, 2^3\})$	256
48	$\mathcal{O}(0; \{24^2, 16^2, 6, 4^2\})$	1024
48	$\mathcal{O}(0; \{24^2, 16^2, 6^2, 3\})$	1280
48	$\mathcal{O}(0; \{24^2, 16^2, 12, 4, 3\})$	3072
48	$\mathcal{O}(0; \{24^2, 16^2, 12^2, 2\})$	3072
48	$\mathcal{O}(0; \{24^3, 16^2, 8, 2\})$	4096
48	$\mathcal{O}(0; \{48, 16, 8, 3^2, 2^4\})$	64
48	$\mathcal{O}(0; \{48, 16, 8, 3^5\})$	704
48	$\mathcal{O}(0; \{48, 16, 8, 4^2, 3^2, 2\})$	256
48	$\mathcal{O}(0; \{48, 16, 8, 6, 2^5\})$	64
48	$\mathcal{O}(0; \{48, 16, 8, 6, 3^3, 2\})$	320
48	$\mathcal{O}(0; \{48, 16, 8, 6, 4^2, 2^2\})$	256
48	$\mathcal{O}(0; \{48, 16, 8, 6^2, 3, 2^2\})$	192
48	$\mathcal{O}(0; \{48, 16, 8, 6^4\})$	320
48	$\mathcal{O}(0; \{48, 16, 8^3, 6, 4\})$	2048
48	$\mathcal{O}(0; \{48, 16, 12, 8, 4, 3, 2^2\})$	256
48	$\mathcal{O}(0; \{48, 16, 12, 8, 6^2, 4\})$	768
48	$\mathcal{O}(0; \{48, 16, 12, 8^3, 3\})$	2048
48	$\mathcal{O}(0; \{48, 16, 12^2, 8, 2^3\})$	256
48	$\mathcal{O}(0; \{48, 16, 12^2, 8, 4^2\})$	1024
48	$\mathcal{O}(0; \{48, 16, 12^2, 8, 6, 3\})$	1280
48	$\mathcal{O}(0; \{48, 16^3, 3^2, 2^2\})$	1024
48	$\mathcal{O}(0; \{48, 16^3, 6, 2^3\})$	1024
48	$\mathcal{O}(0; \{48, 16^3, 6, 4^2\})$	4096
48	$\mathcal{O}(0; \{48, 16^3, 6^2, 3\})$	3072
48	$\mathcal{O}(0; \{48, 16^3, 12, 4, 3\})$	4096
48	$\mathcal{O}(0; \{48, 16^3, 12^2, 2\})$	4096
48	$\mathcal{O}(0; \{48, 24, 16, 4, 2^3\})$	128
48	$\mathcal{O}(0; \{48, 24, 16, 4, 3^3, 2\})$	640
48	$\mathcal{O}(0; \{48, 24, 16, 4^3, 2^2\})$	512
48	$\mathcal{O}(0; \{48, 24, 16, 6, 4, 3, 2^2\})$	384
48	$\mathcal{O}(0; \{48, 24, 16, 6^3, 4\})$	640
48	$\mathcal{O}(0; \{48, 24, 16, 8^2, 2^3\})$	1024
48	$\mathcal{O}(0; \{48, 24, 16, 8^2, 4^2\})$	4096

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{48, 24, 16, 8^2, 6, 3\})$	3072
48	$\mathcal{O}(0; \{48, 24, 16, 12, 3^2, 2^2\})$	640
48	$\mathcal{O}(0; \{48, 24, 16, 12, 6, 2^3\})$	384
48	$\mathcal{O}(0; \{48, 24, 16, 12, 6, 4^2\})$	1536
48	$\mathcal{O}(0; \{48, 24, 16, 12, 6^2, 3\})$	1408
48	$\mathcal{O}(0; \{48, 24, 16, 12^2, 4, 3\})$	2560
48	$\mathcal{O}(0; \{48, 24, 16, 12^3, 2\})$	2560
48	$\mathcal{O}(0; \{48, 24, 16^3, 8, 2\})$	16384
48	$\mathcal{O}(0; \{48, 24^2, 16, 8, 4, 3\})$	6144
48	$\mathcal{O}(0; \{48, 24^2, 16, 12, 8, 2\})$	6144
48	$\mathcal{O}(0; \{48, 24^3, 16, 3^2\})$	11264
48	$\mathcal{O}(0; \{48, 24^3, 16, 6, 2\})$	5120
48	$\mathcal{O}(0; \{48^2, 3, 2^7\})$	16
48	$\mathcal{O}(0; \{48^2, 3^4, 2^3\})$	176
48	$\mathcal{O}(0; \{48^2, 4^2, 3, 2^4\})$	64
48	$\mathcal{O}(0; \{48^2, 4^2, 3^4\})$	704
48	$\mathcal{O}(0; \{48^2, 4^4, 3, 2\})$	256
48	$\mathcal{O}(0; \{48^2, 6, 3^2, 2^4\})$	80
48	$\mathcal{O}(0; \{48^2, 6, 3^5\})$	688
48	$\mathcal{O}(0; \{48^2, 6, 4^2, 3^2, 2\})$	320
48	$\mathcal{O}(0; \{48^2, 6^2, 2^5\})$	48
48	$\mathcal{O}(0; \{48^2, 6^2, 3^3, 2\})$	336
48	$\mathcal{O}(0; \{48^2, 6^2, 4^2, 2^2\})$	192
48	$\mathcal{O}(0; \{48^2, 6^3, 3, 2^2\})$	176
48	$\mathcal{O}(0; \{48^2, 6^5\})$	336
48	$\mathcal{O}(0; \{48^2, 8^2, 4, 3, 2^2\})$	512
48	$\mathcal{O}(0; \{48^2, 8^2, 6^2, 4\})$	1536
48	$\mathcal{O}(0; \{48^2, 8^4, 3\})$	4096
48	$\mathcal{O}(0; \{48^2, 12, 4, 2^5\})$	64
48	$\mathcal{O}(0; \{48^2, 12, 4, 3^3, 2\})$	704
48	$\mathcal{O}(0; \{48^2, 12, 4^3, 2^2\})$	256
48	$\mathcal{O}(0; \{48^2, 12, 6, 4, 3, 2^2\})$	320
48	$\mathcal{O}(0; \{48^2, 12, 6^3, 4\})$	704
48	$\mathcal{O}(0; \{48^2, 12, 8^2, 2^3\})$	512
48	$\mathcal{O}(0; \{48^2, 12, 8^2, 4^2\})$	2048
48	$\mathcal{O}(0; \{48^2, 12, 8^2, 6, 3\})$	2560
48	$\mathcal{O}(0; \{48^2, 12^2, 3^2, 2^2\})$	704
48	$\mathcal{O}(0; \{48^2, 12^2, 6, 2^3\})$	320
48	$\mathcal{O}(0; \{48^2, 12^2, 6, 4^2\})$	1280
48	$\mathcal{O}(0; \{48^2, 12^2, 6^2, 3\})$	1344
48	$\mathcal{O}(0; \{48^2, 12^3, 4, 3\})$	2816
48	$\mathcal{O}(0; \{48^2, 12^4, 2\})$	2816
48	$\mathcal{O}(0; \{48^2, 16^2, 8, 4, 3\})$	8192

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_{\mathcal{O}}(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{48^2, 16^2, 12, 8, 2\})$	8192
48	$\mathcal{O}(0; \{48^2, 24, 8, 3^2, 2^2\})$	1280
48	$\mathcal{O}(0; \{48^2, 24, 8, 6, 2^3\})$	768
48	$\mathcal{O}(0; \{48^2, 24, 8, 6, 4^2\})$	3072
48	$\mathcal{O}(0; \{48^2, 24, 8, 6^2, 3\})$	2816
48	$\mathcal{O}(0; \{48^2, 24, 12, 8, 4, 3\})$	5120
48	$\mathcal{O}(0; \{48^2, 24, 12^2, 8, 2\})$	5120
48	$\mathcal{O}(0; \{48^2, 24, 16^2, 3^2\})$	20480
48	$\mathcal{O}(0; \{48^2, 24, 16^2, 6, 2\})$	12288
48	$\mathcal{O}(0; \{48^2, 24^2, 4, 2^3\})$	1536
48	$\mathcal{O}(0; \{48^2, 24^2, 4^3\})$	6144
48	$\mathcal{O}(0; \{48^2, 24^2, 6, 4, 3\})$	5632
48	$\mathcal{O}(0; \{48^2, 24^2, 8^2, 2\})$	12288
48	$\mathcal{O}(0; \{48^2, 24^2, 12, 3^2\})$	10752
48	$\mathcal{O}(0; \{48^2, 24^2, 12, 6, 2\})$	5632
48	$\mathcal{O}(0; \{48^3, 16, 4, 2^3\})$	2048
48	$\mathcal{O}(0; \{48^3, 16, 4^3\})$	8192
48	$\mathcal{O}(0; \{48^3, 16, 6, 4, 3\})$	10240
48	$\mathcal{O}(0; \{48^3, 16, 8^2, 2\})$	16384
48	$\mathcal{O}(0; \{48^3, 16, 12, 3^2\})$	22528
48	$\mathcal{O}(0; \{48^3, 16, 12, 6, 2\})$	10240
48	$\mathcal{O}(0; \{48^4, 8, 3^2\})$	45056
48	$\mathcal{O}(0; \{48^4, 8, 6, 2\})$	20480
48	$\mathcal{O}(0; \{48^4, 24, 4, 2\})$	40960
50	$\mathcal{O}(2; \{50^2\})$	125000000
50	$\mathcal{O}(1; \{50^2, 2^4\})$	50000
50	$\mathcal{O}(0; \{50, 25^3, 5^2, 2\})$	104000
50	$\mathcal{O}(0; \{50^2, 2^8\})$	20
50	$\mathcal{O}(0; \{50^2, 5^5\})$	20480
50	$\mathcal{O}(0; \{50^2, 10, 5^2, 2^3\})$	1280
50	$\mathcal{O}(0; \{50^2, 10^3, 5, 2\})$	5120
51	$\mathcal{O}(2; \{17^2\})$	106906880
51	$\mathcal{O}(1; \{17^2, 3^3\})$	83232
51	$\mathcal{O}(1; \{51^3, 17\})$	20058912
51	$\mathcal{O}(0; \{17^2, 3^6\})$	352
51	$\mathcal{O}(0; \{51^3, 17, 3^3\})$	84832
51	$\mathcal{O}(0; \{51^6\})$	21711712
52	$\mathcal{O}(1; \{52^2, 13^2\})$	8631168
52	$\mathcal{O}(0; \{26, 13^2, 4^2, 2^3\})$	264
52	$\mathcal{O}(0; \{26, 13^2, 4^4\})$	1056
52	$\mathcal{O}(0; \{26^3, 13, 4^2, 2\})$	3192
52	$\mathcal{O}(0; \{52^2, 13^2, 2^4\})$	3192
52	$\mathcal{O}(0; \{52^2, 13^2, 4^2, 2\})$	12768

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
52	$\mathcal{O}(0; \{52^2, 26^2, 13, 2^2\})$	38280
52	$\mathcal{O}(0; \{52^2, 26^4\})$	459384
52	$\mathcal{O}(0; \{52^4, 26, 13\})$	1837536
54	$\mathcal{O}(2; \{6^2\})$	16796160
54	$\mathcal{O}(1; \{3^4, 2^2\})$	15552
54	$\mathcal{O}(1; \{6, 3^2, 2^3\})$	5184
54	$\mathcal{O}(1; \{6^2, 2^4\})$	5184
54	$\mathcal{O}(1; \{6^2, 3^3\})$	25920
54	$\mathcal{O}(1; \{6^3, 3, 2\})$	15552
54	$\mathcal{O}(1; \{9^3, 2^2\})$	46656
54	$\mathcal{O}(1; \{18, 9, 3^2, 2\})$	62208
54	$\mathcal{O}(1; \{18, 9, 6, 2^2\})$	31104
54	$\mathcal{O}(1; \{18^2, 9^2\})$	419904
54	$\mathcal{O}(1; \{18^3, 6\})$	93312
54	$\mathcal{O}(1; \{54, 27, 9, 6\})$	629856
54	$\mathcal{O}(0; \{27^3, 9^2, 2^2\})$	5832
54	$\mathcal{O}(0; \{27^3, 18, 3^2, 2\})$	3888
54	$\mathcal{O}(0; \{27^3, 18, 6, 2^2\})$	1944
54	$\mathcal{O}(0; \{27^3, 18^2, 9\})$	34992
54	$\mathcal{O}(0; \{54, 27, 9, 3^2, 2^3\})$	432
54	$\mathcal{O}(0; \{54, 27, 9, 6, 2^4\})$	216
54	$\mathcal{O}(0; \{54, 27, 9, 6, 3^3\})$	1728
54	$\mathcal{O}(0; \{54, 27, 9, 6^2, 3, 2\})$	864
54	$\mathcal{O}(0; \{54, 27, 18, 9^2, 2^2\})$	3888
54	$\mathcal{O}(0; \{54, 27, 18^2, 3^2, 2\})$	2592
54	$\mathcal{O}(0; \{54, 27, 18^2, 6, 2^2\})$	1296
54	$\mathcal{O}(0; \{54, 27, 18^3, 9\})$	23328
54	$\mathcal{O}(0; \{54, 27^4, 6\})$	131220
54	$\mathcal{O}(0; \{54^2, 27^2, 9^2\})$	157464
54	$\mathcal{O}(0; \{54^2, 27^2, 18, 6\})$	52488
54	$\mathcal{O}(0; \{54^3, 9, 3^2, 2\})$	3888
54	$\mathcal{O}(0; \{54^3, 9, 6, 2^2\})$	1944
54	$\mathcal{O}(0; \{54^3, 18, 9^2\})$	34992
54	$\mathcal{O}(0; \{54^3, 18^2, 6\})$	11664
55	$\mathcal{O}(2; \{5^2\})$	3660000
55	$\mathcal{O}(1; \{55, 11^2, 5\})$	1089000
55	$\mathcal{O}(0; \{55^2, 11^4\})$	363640
56	$\mathcal{O}(1; \{14, 8^2, 7\})$	75264
56	$\mathcal{O}(1; \{56, 14, 8, 4\})$	150528
56	$\mathcal{O}(0; \{14, 8^2, 7, 2^4\})$	24
56	$\mathcal{O}(0; \{14, 8^2, 7, 4^2, 2\})$	96
56	$\mathcal{O}(0; \{14^3, 8^2, 2^2\})$	120
56	$\mathcal{O}(0; \{28^2, 8^2, 7, 2^2\})$	480

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
56	$\mathcal{O}(0; \{28^2, 14^2, 8^2\})$	2976
56	$\mathcal{O}(0; \{56, 14, 8, 4, 2^4\})$	48
56	$\mathcal{O}(0; \{56, 14, 8, 4^3, 2\})$	192
56	$\mathcal{O}(0; \{56, 14, 8^3, 2^2\})$	384
56	$\mathcal{O}(0; \{56, 28, 8, 7^2, 2^2\})$	1488
56	$\mathcal{O}(0; \{56, 28, 14^2, 8, 7\})$	8880
56	$\mathcal{O}(0; \{56, 28^2, 8, 4, 2^2\})$	960
56	$\mathcal{O}(0; \{56, 28^2, 8^3\})$	7680
56	$\mathcal{O}(0; \{56^2, 7^3, 2^2\})$	4440
56	$\mathcal{O}(0; \{56^2, 14^2, 7^2\})$	26664
56	$\mathcal{O}(0; \{56^2, 28, 7, 4, 2^2\})$	2976
56	$\mathcal{O}(0; \{56^2, 28, 8^2, 7\})$	23808
56	$\mathcal{O}(0; \{56^2, 28, 14^2, 4\})$	17760
56	$\mathcal{O}(0; \{56^3, 8, 7^2\})$	71040
56	$\mathcal{O}(0; \{56^3, 28, 8, 4\})$	47616
56	$\mathcal{O}(0; \{56^4, 7, 4\})$	142080
57	$\mathcal{O}(0; \{57^2, 19^3, 3\})$	198900
58	$\mathcal{O}(1; \{58, 29^2, 2\})$	2543184
58	$\mathcal{O}(0; \{58, 29^2, 2^5\})$	756
58	$\mathcal{O}(0; \{58^3, 29, 2^3\})$	21196
58	$\mathcal{O}(0; \{58^5, 2\})$	593460
60	$\mathcal{O}(1; \{10^2, 4^2\})$	25600
60	$\mathcal{O}(1; \{20, 5^2, 4\})$	76800
60	$\mathcal{O}(1; \{20, 15, 4, 3\})$	57600
60	$\mathcal{O}(1; \{20, 15, 12, 2\})$	57600
60	$\mathcal{O}(1; \{20^2, 10, 2\})$	76800
60	$\mathcal{O}(1; \{60, 10, 4, 3\})$	57600
60	$\mathcal{O}(1; \{60, 12, 10, 2\})$	57600
60	$\mathcal{O}(1; \{60^2, 3^2\})$	172800
60	$\mathcal{O}(1; \{60^2, 6, 2\})$	57600
60	$\mathcal{O}(0; \{10^2, 4^2, 3^3\})$	16
60	$\mathcal{O}(0; \{10^2, 6, 4^2, 3, 2\})$	16
60	$\mathcal{O}(0; \{12, 10^2, 4, 3^2, 2\})$	16
60	$\mathcal{O}(0; \{12, 10^2, 6, 4, 2^2\})$	16
60	$\mathcal{O}(0; \{12^2, 10^2, 3, 2^2\})$	16
60	$\mathcal{O}(0; \{12^2, 10^2, 6^2\})$	48
60	$\mathcal{O}(0; \{12^3, 10^2, 4\})$	64
60	$\mathcal{O}(0; \{15, 10, 5, 4^2, 3, 2\})$	48
60	$\mathcal{O}(0; \{15, 12, 10, 5, 4, 2^2\})$	48
60	$\mathcal{O}(0; \{15, 12, 10^3, 4\})$	208
60	$\mathcal{O}(0; \{15, 12^2, 10, 6, 5\})$	144
60	$\mathcal{O}(0; \{15^2, 12^2, 5^2\})$	624
60	$\mathcal{O}(0; \{15^3, 4^2, 2^2\})$	48

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{15^3, 12, 6, 4\})$	240
60	$\mathcal{O}(0; \{15^3, 12^2, 3\})$	528
60	$\mathcal{O}(0; \{20, 5^2, 4, 3^3\})$	48
60	$\mathcal{O}(0; \{20, 6, 5^2, 4, 3, 2\})$	48
60	$\mathcal{O}(0; \{20, 12, 5^2, 3^2, 2\})$	48
60	$\mathcal{O}(0; \{20, 12, 6, 5^2, 2^2\})$	48
60	$\mathcal{O}(0; \{20, 12, 10^2, 6, 5\})$	208
60	$\mathcal{O}(0; \{20, 12^3, 5^2\})$	192
60	$\mathcal{O}(0; \{20, 15, 4, 3, 2^4\})$	16
60	$\mathcal{O}(0; \{20, 15, 4, 3^4\})$	80
60	$\mathcal{O}(0; \{20, 15, 4^3, 3, 2\})$	64
60	$\mathcal{O}(0; \{20, 15, 6, 4, 3^2, 2\})$	48
60	$\mathcal{O}(0; \{20, 15, 6^2, 4, 2^2\})$	16
60	$\mathcal{O}(0; \{20, 15, 12, 2^5\})$	16
60	$\mathcal{O}(0; \{20, 15, 12, 3^3, 2\})$	80
60	$\mathcal{O}(0; \{20, 15, 12, 4^2, 2^2\})$	64
60	$\mathcal{O}(0; \{20, 15, 12, 6, 3, 2^2\})$	48
60	$\mathcal{O}(0; \{20, 15, 12, 6^3\})$	80
60	$\mathcal{O}(0; \{20, 15, 12, 10, 5^2\})$	816
60	$\mathcal{O}(0; \{20, 15, 12^2, 6, 4\})$	192
60	$\mathcal{O}(0; \{20, 15, 12^3, 3\})$	320
60	$\mathcal{O}(0; \{20, 15^2, 10, 6, 4\})$	208
60	$\mathcal{O}(0; \{20, 15^2, 12, 10, 3\})$	624
60	$\mathcal{O}(0; \{20, 15^3, 5, 4\})$	816
60	$\mathcal{O}(0; \{20^2, 10, 3^3, 2\})$	48
60	$\mathcal{O}(0; \{20^2, 10, 6, 3, 2^2\})$	48
60	$\mathcal{O}(0; \{20^2, 10, 6^3\})$	48
60	$\mathcal{O}(0; \{20^2, 12, 10, 6, 4\})$	192
60	$\mathcal{O}(0; \{20^2, 12^2, 10, 3\})$	192
60	$\mathcal{O}(0; \{20^2, 15, 5, 3, 2^2\})$	208
60	$\mathcal{O}(0; \{20^2, 15, 6^2, 5\})$	208
60	$\mathcal{O}(0; \{20^2, 15, 10^2, 3\})$	816
60	$\mathcal{O}(0; \{20^2, 15, 12, 5, 4\})$	832
60	$\mathcal{O}(0; \{20^4, 6, 3\})$	832
60	$\mathcal{O}(0; \{30, 12^2, 10, 5^2\})$	208
60	$\mathcal{O}(0; \{30, 15, 10, 4^2, 2^2\})$	48
60	$\mathcal{O}(0; \{30, 15, 12, 10, 6, 4\})$	144
60	$\mathcal{O}(0; \{30, 15, 12^2, 10, 3\})$	240
60	$\mathcal{O}(0; \{30, 15^2, 12, 5, 4\})$	624
60	$\mathcal{O}(0; \{30, 20, 5, 4, 3^2, 2\})$	48
60	$\mathcal{O}(0; \{30, 20, 6, 5, 4, 2^2\})$	48
60	$\mathcal{O}(0; \{30, 20, 10^2, 6, 4\})$	208
60	$\mathcal{O}(0; \{30, 20, 12, 5, 3, 2^2\})$	48

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{30, 20, 12, 6^2, 5\})$	144
60	$\mathcal{O}(0; \{30, 20, 12, 10^2, 3\})$	208
60	$\mathcal{O}(0; \{30, 20, 12^2, 5, 4\})$	192
60	$\mathcal{O}(0; \{30, 20, 15, 10, 5, 4\})$	816
60	$\mathcal{O}(0; \{30, 20^2, 6, 5^2\})$	816
60	$\mathcal{O}(0; \{30, 20^2, 15, 2^3\})$	208
60	$\mathcal{O}(0; \{30, 20^2, 15, 4^2\})$	832
60	$\mathcal{O}(0; \{30, 20^2, 15, 6, 3\})$	624
60	$\mathcal{O}(0; \{30^2, 12, 10, 5, 4\})$	208
60	$\mathcal{O}(0; \{30^2, 15^2, 4^2\})$	624
60	$\mathcal{O}(0; \{30^2, 20, 4, 3, 2^2\})$	48
60	$\mathcal{O}(0; \{30^2, 20, 6^2, 4\})$	144
60	$\mathcal{O}(0; \{30^2, 20, 12, 2^3\})$	48
60	$\mathcal{O}(0; \{30^2, 20, 12, 4^2\})$	192
60	$\mathcal{O}(0; \{30^2, 20, 12, 6, 3\})$	240
60	$\mathcal{O}(0; \{30^2, 20^2, 5, 3\})$	816
60	$\mathcal{O}(0; \{30^3, 10, 4^2\})$	208
60	$\mathcal{O}(0; \{30^3, 20^2, 2\})$	816
60	$\mathcal{O}(0; \{60, 5^3, 4, 3, 2\})$	208
60	$\mathcal{O}(0; \{60, 10, 4, 3, 2^4\})$	16
60	$\mathcal{O}(0; \{60, 10, 4, 3^4\})$	80
60	$\mathcal{O}(0; \{60, 10, 4^3, 3, 2\})$	64
60	$\mathcal{O}(0; \{60, 10, 6, 4, 3^2, 2\})$	48
60	$\mathcal{O}(0; \{60, 10, 6^2, 4, 2^2\})$	16
60	$\mathcal{O}(0; \{60, 12, 5^3, 2^2\})$	208
60	$\mathcal{O}(0; \{60, 12, 10, 2^5\})$	16
60	$\mathcal{O}(0; \{60, 12, 10, 3^3, 2\})$	80
60	$\mathcal{O}(0; \{60, 12, 10, 4^2, 2^2\})$	64
60	$\mathcal{O}(0; \{60, 12, 10, 6, 3, 2^2\})$	48
60	$\mathcal{O}(0; \{60, 12, 10, 6^3\})$	80
60	$\mathcal{O}(0; \{60, 12, 10^2, 5^2\})$	816
60	$\mathcal{O}(0; \{60, 12^2, 10, 6, 4\})$	192
60	$\mathcal{O}(0; \{60, 12^3, 10, 3\})$	320
60	$\mathcal{O}(0; \{60, 15, 5, 4, 3^2, 2\})$	144
60	$\mathcal{O}(0; \{60, 15, 6, 5, 4, 2^2\})$	48
60	$\mathcal{O}(0; \{60, 15, 10^2, 6, 4\})$	208
60	$\mathcal{O}(0; \{60, 15, 12, 5, 3, 2^2\})$	144
60	$\mathcal{O}(0; \{60, 15, 12, 6^2, 5\})$	240
60	$\mathcal{O}(0; \{60, 15, 12, 10^2, 3\})$	624
60	$\mathcal{O}(0; \{60, 15, 12^2, 5, 4\})$	576
60	$\mathcal{O}(0; \{60, 15^2, 10, 5, 4\})$	816
60	$\mathcal{O}(0; \{60, 20, 10, 5, 3, 2^2\})$	208
60	$\mathcal{O}(0; \{60, 20, 10, 6^2, 5\})$	208

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{60, 20, 10^3, 3\})$	816
60	$\mathcal{O}(0; \{60, 20, 12, 10, 5, 4\})$	832
60	$\mathcal{O}(0; \{60, 20, 15, 6, 5^2\})$	816
60	$\mathcal{O}(0; \{60, 20, 15^2, 2^3\})$	208
60	$\mathcal{O}(0; \{60, 20, 15^2, 4^2\})$	832
60	$\mathcal{O}(0; \{60, 20, 15^2, 6, 3\})$	1040
60	$\mathcal{O}(0; \{60, 20^2, 4, 3, 2^2\})$	192
60	$\mathcal{O}(0; \{60, 20^2, 6^2, 4\})$	192
60	$\mathcal{O}(0; \{60, 20^2, 12, 2^3\})$	192
60	$\mathcal{O}(0; \{60, 20^2, 12, 4^2\})$	768
60	$\mathcal{O}(0; \{60, 20^2, 12, 6, 3\})$	576
60	$\mathcal{O}(0; \{60, 20^3, 5, 3\})$	3264
60	$\mathcal{O}(0; \{60, 30, 5^2, 4, 2^2\})$	208
60	$\mathcal{O}(0; \{60, 30, 10^2, 5, 4\})$	816
60	$\mathcal{O}(0; \{60, 30, 12, 6, 5^2\})$	624
60	$\mathcal{O}(0; \{60, 30, 15, 4, 3, 2^2\})$	144
60	$\mathcal{O}(0; \{60, 30, 15, 6^2, 4\})$	240
60	$\mathcal{O}(0; \{60, 30, 15, 12, 2^3\})$	144
60	$\mathcal{O}(0; \{60, 30, 15, 12, 4^2\})$	576
60	$\mathcal{O}(0; \{60, 30, 15, 12, 6, 3\})$	528
60	$\mathcal{O}(0; \{60, 30, 20, 5^3\})$	3280
60	$\mathcal{O}(0; \{60, 30, 20, 10, 2^3\})$	208
60	$\mathcal{O}(0; \{60, 30, 20, 10, 4^2\})$	832
60	$\mathcal{O}(0; \{60, 30, 20, 10, 6, 3\})$	624
60	$\mathcal{O}(0; \{60, 30, 20, 15, 5, 3\})$	2448
60	$\mathcal{O}(0; \{60, 30, 20^3, 2\})$	3264
60	$\mathcal{O}(0; \{60, 30^2, 6, 5, 4\})$	624
60	$\mathcal{O}(0; \{60, 30^2, 12, 5, 3\})$	1040
60	$\mathcal{O}(0; \{60, 30^2, 20, 15, 2\})$	2448
60	$\mathcal{O}(0; \{60, 30^3, 4, 3\})$	1040
60	$\mathcal{O}(0; \{60, 30^3, 12, 2\})$	1040
60	$\mathcal{O}(0; \{60^2, 3^2, 2^4\})$	48
60	$\mathcal{O}(0; \{60^2, 3^5\})$	336
60	$\mathcal{O}(0; \{60^2, 4^2, 3^2, 2\})$	192
60	$\mathcal{O}(0; \{60^2, 6, 2^5\})$	16
60	$\mathcal{O}(0; \{60^2, 6, 3^3, 2\})$	176
60	$\mathcal{O}(0; \{60^2, 6, 4^2, 2^2\})$	64
60	$\mathcal{O}(0; \{60^2, 6^2, 3, 2^2\})$	80
60	$\mathcal{O}(0; \{60^2, 6^4\})$	176
60	$\mathcal{O}(0; \{60^2, 10, 6, 5^2\})$	816
60	$\mathcal{O}(0; \{60^2, 12, 4, 3, 2^2\})$	192
60	$\mathcal{O}(0; \{60^2, 12, 6^2, 4\})$	320
60	$\mathcal{O}(0; \{60^2, 12^2, 2^3\})$	192

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{60^2, 12^2, 4^2\})$	768
60	$\mathcal{O}(0; \{60^2, 12^2, 6, 3\})$	704
60	$\mathcal{O}(0; \{60^2, 15, 5^3\})$	3280
60	$\mathcal{O}(0; \{60^2, 15, 10, 2^3\})$	208
60	$\mathcal{O}(0; \{60^2, 15, 10, 4^2\})$	832
60	$\mathcal{O}(0; \{60^2, 15, 10, 6, 3\})$	1040
60	$\mathcal{O}(0; \{60^2, 15^2, 5, 3\})$	4080
60	$\mathcal{O}(0; \{60^2, 20, 6, 5, 4\})$	832
60	$\mathcal{O}(0; \{60^2, 20, 12, 5, 3\})$	2496
60	$\mathcal{O}(0; \{60^2, 20^2, 15, 2\})$	3264
60	$\mathcal{O}(0; \{60^2, 30, 10, 5, 3\})$	2448
60	$\mathcal{O}(0; \{60^2, 30, 15^2, 2\})$	4080
60	$\mathcal{O}(0; \{60^2, 30, 20, 4, 3\})$	2496
60	$\mathcal{O}(0; \{60^2, 30, 20, 12, 2\})$	2496
60	$\mathcal{O}(0; \{60^2, 30^2, 10, 2\})$	2448
60	$\mathcal{O}(0; \{60^3, 5^2, 4\})$	3264
60	$\mathcal{O}(0; \{60^3, 15, 4, 3\})$	4160
60	$\mathcal{O}(0; \{60^3, 15, 12, 2\})$	4160
60	$\mathcal{O}(0; \{60^3, 20, 10, 2\})$	3264
63	$\mathcal{O}(1; \{21, 7, 3^2\})$	42336
63	$\mathcal{O}(0; \{21, 9^3, 7, 3\})$	432
63	$\mathcal{O}(0; \{63, 9^2, 7^2, 3\})$	1080
63	$\mathcal{O}(0; \{63^2, 21, 9, 3^2\})$	4320
63	$\mathcal{O}(0; \{63^3, 7, 3^2\})$	13392
64	$\mathcal{O}(0; \{64^2, 8, 4, 2^3\})$	256
64	$\mathcal{O}(0; \{64^2, 8, 4^3\})$	1024
64	$\mathcal{O}(0; \{64^2, 8^3, 2\})$	2048
64	$\mathcal{O}(0; \{64^2, 16^2, 4, 2\})$	4096
65	$\mathcal{O}(0; \{13^2, 5^4\})$	624
66	$\mathcal{O}(2; \{2^2\})$	18739200
66	$\mathcal{O}(1; \{2^6\})$	3840
66	$\mathcal{O}(1; \{3^3, 2^2\})$	8640
66	$\mathcal{O}(1; \{6, 3, 2^3\})$	8640
66	$\mathcal{O}(1; \{6^2, 3^2\})$	25920
66	$\mathcal{O}(1; \{6^3, 2\})$	8640
66	$\mathcal{O}(0; \{33, 22, 11, 3, 2^3\})$	180
66	$\mathcal{O}(0; \{33, 22, 11, 6, 3^2\})$	540
66	$\mathcal{O}(0; \{33, 22, 11, 6^2, 2\})$	180
66	$\mathcal{O}(0; \{33, 22^3, 3, 2\})$	1820
66	$\mathcal{O}(0; \{66, 33^2, 11, 3, 2\})$	5460
66	$\mathcal{O}(0; \{66^2, 22, 11, 3, 2\})$	1820
67	$\mathcal{O}(1; \{67^3\})$	19257810
68	$\mathcal{O}(1; \{68^2, 17\})$	2219520

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
68	$\mathcal{O}(0; \{34, 17, 4^2, 2^3\})$	32
68	$\mathcal{O}(0; \{34, 17, 4^4\})$	128
68	$\mathcal{O}(0; \{34^3, 4^2, 2\})$	480
68	$\mathcal{O}(0; \{68^2, 17, 2^4\})$	480
68	$\mathcal{O}(0; \{68^2, 17, 4^2, 2\})$	1920
68	$\mathcal{O}(0; \{68^2, 34^2, 2^2\})$	7712
68	$\mathcal{O}(0; \{68^4, 34\})$	493440
69	$\mathcal{O}(1; \{23^3\})$	1955184
69	$\mathcal{O}(0; \{23^3, 3^3\})$	924
69	$\mathcal{O}(0; \{69^3, 23^2\})$	448140
70	$\mathcal{O}(1; \{70^2, 7\})$	588000
70	$\mathcal{O}(0; \{35, 10, 7, 5^2, 2\})$	312
70	$\mathcal{O}(0; \{70, 35^2, 10, 2^2\})$	1560
70	$\mathcal{O}(0; \{70, 35^3, 14\})$	57720
70	$\mathcal{O}(0; \{70^2, 7, 2^4\})$	120
70	$\mathcal{O}(0; \{70^2, 14^2, 2^2\})$	744
70	$\mathcal{O}(0; \{70^3, 35, 10\})$	37944
72	$\mathcal{O}(1; \{8^2, 2^2\})$	18432
72	$\mathcal{O}(1; \{24, 12, 8\})$	73728
72	$\mathcal{O}(1; \{24^2, 6\})$	36864
72	$\mathcal{O}(1; \{72, 9, 8\})$	124416
72	$\mathcal{O}(0; \{18, 9, 8^2, 3, 2\})$	48
72	$\mathcal{O}(0; \{24^2, 18, 9, 2^2\})$	96
72	$\mathcal{O}(0; \{24^2, 18^3\})$	288
72	$\mathcal{O}(0; \{36, 24, 18, 8, 2^2\})$	96
72	$\mathcal{O}(0; \{36, 24^2, 18, 12\})$	768
72	$\mathcal{O}(0; \{36^2, 24^2, 9\})$	1152
72	$\mathcal{O}(0; \{36^3, 24, 8\})$	1152
72	$\mathcal{O}(0; \{72, 9, 8, 2^4\})$	24
72	$\mathcal{O}(0; \{72, 9, 8, 3^3\})$	192
72	$\mathcal{O}(0; \{72, 9, 8, 4^2, 2\})$	96
72	$\mathcal{O}(0; \{72, 9, 8, 6, 3, 2\})$	96
72	$\mathcal{O}(0; \{72, 18^2, 8, 2^2\})$	72
72	$\mathcal{O}(0; \{72, 24, 9, 4, 3, 2\})$	192
72	$\mathcal{O}(0; \{72, 24, 12, 9, 2^2\})$	192
72	$\mathcal{O}(0; \{72, 24, 18^2, 12\})$	576
72	$\mathcal{O}(0; \{72, 24^3, 9\})$	3072
72	$\mathcal{O}(0; \{72, 36, 8, 4, 3, 2\})$	192
72	$\mathcal{O}(0; \{72, 36, 12, 8, 2^2\})$	192
72	$\mathcal{O}(0; \{72, 36, 24, 3^2, 2\})$	384
72	$\mathcal{O}(0; \{72, 36, 24, 6, 2^2\})$	192
72	$\mathcal{O}(0; \{72, 36, 24, 12^2\})$	1536
72	$\mathcal{O}(0; \{72, 36, 24, 18, 9\})$	2592

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
72	$\mathcal{O}(0; \{72, 36, 24^2, 8\})$	3072
72	$\mathcal{O}(0; \{72, 36^2, 18, 8\})$	2592
72	$\mathcal{O}(0; \{72^2, 9^2, 2^2\})$	648
72	$\mathcal{O}(0; \{72^2, 18, 3^2, 2\})$	288
72	$\mathcal{O}(0; \{72^2, 18, 6, 2^2\})$	144
72	$\mathcal{O}(0; \{72^2, 18, 12^2\})$	1152
72	$\mathcal{O}(0; \{72^2, 18^2, 9\})$	3240
72	$\mathcal{O}(0; \{72^2, 24, 18, 8\})$	2304
72	$\mathcal{O}(0; \{72^2, 36, 12, 9\})$	5184
72	$\mathcal{O}(0; \{72^2, 36^2, 6\})$	5184
72	$\mathcal{O}(0; \{72^3, 12, 8\})$	4608
72	$\mathcal{O}(0; \{72^3, 24, 6\})$	4608
75	$\mathcal{O}(1; \{75^2, 3\})$	225000
75	$\mathcal{O}(0; \{75, 25^2, 15, 5\})$	9600
75	$\mathcal{O}(0; \{75^2, 3^4\})$	440
75	$\mathcal{O}(0; \{75^2, 15^2, 5\})$	7680
76	$\mathcal{O}(0; \{76, 38, 19^2, 4\})$	11052
77	$\mathcal{O}(1; \{7^3\})$	176400
77	$\mathcal{O}(0; \{77, 11^3, 7\})$	5460
78	$\mathcal{O}(0; \{39^2, 13, 3, 2^2\})$	264
78	$\mathcal{O}(0; \{39^2, 13, 6^2\})$	792
78	$\mathcal{O}(0; \{39^2, 26^2, 3\})$	3192
78	$\mathcal{O}(0; \{78, 26, 13, 3, 2^2\})$	264
78	$\mathcal{O}(0; \{78, 26, 13, 6^2\})$	264
78	$\mathcal{O}(0; \{78, 26^3, 3\})$	3192
78	$\mathcal{O}(0; \{78^2, 39, 13, 3\})$	9576
80	$\mathcal{O}(1; \{80^2, 2\})$	204800
80	$\mathcal{O}(0; \{16^2, 5^2, 2^2\})$	32
80	$\mathcal{O}(0; \{16^2, 10^2, 5\})$	96
80	$\mathcal{O}(0; \{20, 16^2, 10, 4\})$	128
80	$\mathcal{O}(0; \{80, 16, 5, 4, 2^2\})$	64
80	$\mathcal{O}(0; \{80, 16, 8^2, 5\})$	512
80	$\mathcal{O}(0; \{80, 16, 10^2, 4\})$	192
80	$\mathcal{O}(0; \{80, 20, 16, 5^2\})$	832
80	$\mathcal{O}(0; \{80^2, 2^5\})$	32
80	$\mathcal{O}(0; \{80^2, 4^2, 2^2\})$	128
80	$\mathcal{O}(0; \{80^2, 8^2, 4\})$	1024
80	$\mathcal{O}(0; \{80^2, 10, 5^2\})$	1632
80	$\mathcal{O}(0; \{80^2, 20, 5, 4\})$	1664
81	$\mathcal{O}(1; \{9^2, 3\})$	69984
82	$\mathcal{O}(0; \{82, 41^3, 2\})$	62440
84	$\mathcal{O}(0; \{14^2, 12, 6, 4\})$	24
84	$\mathcal{O}(0; \{14^2, 12^2, 3\})$	24

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
84	$\mathcal{O}(0; \{21^3, 4^2\})$	120
84	$\mathcal{O}(0; \{28, 21, 7, 6, 4\})$	120
84	$\mathcal{O}(0; \{28, 21, 12, 7, 3\})$	120
84	$\mathcal{O}(0; \{28^2, 14, 6, 3\})$	120
84	$\mathcal{O}(0; \{42, 12, 7^2, 4\})$	120
84	$\mathcal{O}(0; \{42, 21, 14, 4^2\})$	120
84	$\mathcal{O}(0; \{42, 28, 4, 3, 2^2\})$	24
84	$\mathcal{O}(0; \{42, 28, 6^2, 4\})$	24
84	$\mathcal{O}(0; \{42, 28, 12, 2^3\})$	24
84	$\mathcal{O}(0; \{42, 28, 12, 4^2\})$	96
84	$\mathcal{O}(0; \{42, 28, 12, 6, 3\})$	72
84	$\mathcal{O}(0; \{42, 28^2, 21, 2\})$	744
84	$\mathcal{O}(0; \{84, 14, 7, 6, 4\})$	120
84	$\mathcal{O}(0; \{84, 14, 12, 7, 3\})$	120
84	$\mathcal{O}(0; \{84, 21, 4, 3, 2^2\})$	24
84	$\mathcal{O}(0; \{84, 21, 6^2, 4\})$	72
84	$\mathcal{O}(0; \{84, 21, 12, 2^3\})$	24
84	$\mathcal{O}(0; \{84, 21, 12, 4^2\})$	96
84	$\mathcal{O}(0; \{84, 21, 12, 6, 3\})$	120
84	$\mathcal{O}(0; \{84, 28, 21^2, 2\})$	744
84	$\mathcal{O}(0; \{84, 42, 28, 14, 2\})$	744
84	$\mathcal{O}(0; \{84, 42^2, 4, 3\})$	360
84	$\mathcal{O}(0; \{84, 42^2, 12, 2\})$	360
84	$\mathcal{O}(0; \{84^2, 7^2, 3\})$	744
84	$\mathcal{O}(0; \{84^2, 21, 14, 2\})$	744
84	$\mathcal{O}(0; \{84^2, 28, 4, 3\})$	480
84	$\mathcal{O}(0; \{84^2, 28, 12, 2\})$	480
85	$\mathcal{O}(0; \{85, 17, 5^3\})$	832
87	$\mathcal{O}(0; \{87^2, 29, 3^2\})$	4536
88	$\mathcal{O}(1; \{8^2, 2\})$	30720
88	$\mathcal{O}(0; \{88, 44, 11, 8, 2\})$	720
90	$\mathcal{O}(1; \{10, 5, 2\})$	28800
90	$\mathcal{O}(0; \{18, 10, 9, 5, 3\})$	48
90	$\mathcal{O}(0; \{18, 15^2, 9, 2\})$	96
90	$\mathcal{O}(0; \{30, 18, 10, 9, 2\})$	48
90	$\mathcal{O}(0; \{45, 15, 10, 9, 2\})$	144
90	$\mathcal{O}(0; \{45^2, 18, 5, 2\})$	216
90	$\mathcal{O}(0; \{90, 15, 9^2, 2\})$	144
90	$\mathcal{O}(0; \{90, 18, 5^2, 3\})$	144
90	$\mathcal{O}(0; \{90, 18, 15, 3^2\})$	192
90	$\mathcal{O}(0; \{90, 18, 15, 6, 2\})$	96
90	$\mathcal{O}(0; \{90, 30, 18, 5, 2\})$	144
90	$\mathcal{O}(0; \{90, 45, 10, 3^2\})$	288

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
90	$\mathcal{O}(0; \{90, 45, 10, 6, 2\})$	144
90	$\mathcal{O}(0; \{90, 45, 15, 5, 2\})$	624
90	$\mathcal{O}(0; \{90^2, 9, 3^2\})$	288
90	$\mathcal{O}(0; \{90^2, 9, 6, 2\})$	144
92	$\mathcal{O}(0; \{92, 23^2, 4, 2\})$	924
96	$\mathcal{O}(0; \{32^2, 24, 3, 2\})$	128
96	$\mathcal{O}(0; \{96, 32, 16, 3, 2\})$	256
96	$\mathcal{O}(0; \{96^2, 4, 3^2\})$	192
96	$\mathcal{O}(0; \{96^2, 6, 4, 2\})$	64
96	$\mathcal{O}(0; \{96^2, 12, 3, 2\})$	192
99	$\mathcal{O}(2; \emptyset)$	94867200
99	$\mathcal{O}(1; \{3^3\})$	17280
100	$\mathcal{O}(1; \{100^2\})$	400000
100	$\mathcal{O}(0; \{100^2, 2^4\})$	40
100	$\mathcal{O}(0; \{100^2, 4^2, 2\})$	160
101	$\mathcal{O}(0; \{101^4\})$	990100
102	$\mathcal{O}(1; \{34^2\})$	147968
102	$\mathcal{O}(0; \{34^2, 3^3\})$	32
102	$\mathcal{O}(0; \{34^2, 6, 3, 2\})$	32
102	$\mathcal{O}(0; \{51^3, 2^2\})$	480
102	$\mathcal{O}(0; \{102, 51, 34, 2^2\})$	480
102	$\mathcal{O}(0; \{102^2, 51^2\})$	23136
102	$\mathcal{O}(0; \{102^3, 34\})$	7712
104	$\mathcal{O}(0; \{104^2, 13, 2^2\})$	528
104	$\mathcal{O}(0; \{104^2, 26^2\})$	6384
105	$\mathcal{O}(0; \{105, 35^2, 21\})$	4464
105	$\mathcal{O}(0; \{105^2, 21^2\})$	4464
105	$\mathcal{O}(0; \{105^2, 35, 15\})$	3120
108	$\mathcal{O}(1; \{12^2\})$	41472
108	$\mathcal{O}(0; \{54, 36, 27, 12\})$	432
108	$\mathcal{O}(0; \{108, 27^2, 12\})$	648
108	$\mathcal{O}(0; \{108, 54, 18, 12\})$	432
108	$\mathcal{O}(0; \{108, 54, 36, 9\})$	1296
108	$\mathcal{O}(0; \{108^2, 27, 9\})$	1944
110	$\mathcal{O}(1; \{10^2\})$	48000
110	$\mathcal{O}(0; \{110, 11, 10, 2^2\})$	40
110	$\mathcal{O}(0; \{110, 22^2, 10\})$	360
110	$\mathcal{O}(0; \{110^2, 11^2\})$	3640
112	$\mathcal{O}(0; \{28, 16^2, 14\})$	96
112	$\mathcal{O}(0; \{112, 28, 16, 8\})$	384
112	$\mathcal{O}(0; \{112, 56, 16, 7\})$	960
112	$\mathcal{O}(0; \{112^2, 14, 7\})$	1488
114	$\mathcal{O}(0; \{57, 38, 19, 6\})$	612

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Table 10 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
116	$\mathcal{O}(0; \{116, 29, 4, 2^2\})$	56
116	$\mathcal{O}(0; \{116, 58^2, 4\})$	1512
117	$\mathcal{O}(0; \{117, 13, 9^2\})$	216
120	$\mathcal{O}(0; \{24^2, 15, 5\})$	32
120	$\mathcal{O}(0; \{30, 15, 8^2\})$	32
120	$\mathcal{O}(0; \{40, 24, 12, 5\})$	64
120	$\mathcal{O}(0; \{40, 30, 8, 6\})$	32
120	$\mathcal{O}(0; \{40, 30, 24, 4\})$	64
120	$\mathcal{O}(0; \{120, 20, 8, 6\})$	64
120	$\mathcal{O}(0; \{120, 24, 10, 5\})$	96
120	$\mathcal{O}(0; \{120, 24, 20, 4\})$	128
120	$\mathcal{O}(0; \{120, 40, 15, 4\})$	192
120	$\mathcal{O}(0; \{120, 60, 8, 5\})$	192
120	$\mathcal{O}(0; \{120^2, 3, 2^2\})$	32
120	$\mathcal{O}(0; \{120^2, 6^2\})$	96
120	$\mathcal{O}(0; \{120^2, 12, 4\})$	128
123	$\mathcal{O}(0; \{123, 41^2, 3\})$	3120
125	$\mathcal{O}(0; \{125^2, 5^2\})$	1600
126	$\mathcal{O}(0; \{63, 42, 18, 3\})$	144
126	$\mathcal{O}(0; \{126, 9, 7, 6\})$	72
126	$\mathcal{O}(0; \{126, 63, 14, 3\})$	360
130	$\mathcal{O}(0; \{26^2, 5^2\})$	48
132	$\mathcal{O}(1; \{4^2\})$	30720
134	$\mathcal{O}(0; \{134, 67, 2^3\})$	66
134	$\mathcal{O}(0; \{134^3, 2\})$	4290
136	$\mathcal{O}(0; \{136^2, 34, 2\})$	960
138	$\mathcal{O}(0; \{46, 23, 6, 3\})$	44
138	$\mathcal{O}(0; \{138, 69, 23, 2\})$	924
140	$\mathcal{O}(0; \{140, 35, 20, 2\})$	144
140	$\mathcal{O}(0; \{140^2, 14, 2\})$	240
144	$\mathcal{O}(0; \{144, 18, 16, 2\})$	48
144	$\mathcal{O}(0; \{144^2, 9, 2\})$	144
150	$\mathcal{O}(0; \{150^2, 3^2\})$	120
150	$\mathcal{O}(0; \{150^2, 6, 2\})$	40
160	$\mathcal{O}(0; \{160^2, 4, 2\})$	128
174	$\mathcal{O}(0; \{87, 58, 3, 2\})$	56
198	$\mathcal{O}(1; \{2^2\})$	34560
200	$\mathcal{O}(0; \{200^2, 2^2\})$	80
201	$\mathcal{O}(0; \{201^3\})$	8580
202	$\mathcal{O}(0; \{101^2, 2^2\})$	100
202	$\mathcal{O}(0; \{202^2, 101\})$	9900
204	$\mathcal{O}(0; \{204, 102, 68\})$	960
204	$\mathcal{O}(0; \{204^2, 51\})$	960

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
205	$\mathcal{O}(0; \{205^2, 41\})$	6240
208	$\mathcal{O}(0; \{208^2, 26\})$	1056
210	$\mathcal{O}(0; \{105, 70, 30\})$	144
210	$\mathcal{O}(0; \{210, 42, 35\})$	240
210	$\mathcal{O}(0; \{210^2, 21\})$	240
216	$\mathcal{O}(0; \{216, 27, 24\})$	144
220	$\mathcal{O}(0; \{220, 22, 20\})$	80
220	$\mathcal{O}(0; \{220^2, 11\})$	720
225	$\mathcal{O}(0; \{225^2, 9\})$	360
231	$\mathcal{O}(0; \{231, 21, 11\})$	120
232	$\mathcal{O}(0; \{232, 58, 8\})$	112
234	$\mathcal{O}(0; \{234, 26, 9\})$	72
240	$\mathcal{O}(0; \{240^2, 6\})$	64
246	$\mathcal{O}(0; \{246, 41, 6\})$	80
250	$\mathcal{O}(0; \{250^2, 5\})$	400
255	$\mathcal{O}(0; \{255, 51, 5\})$	128
268	$\mathcal{O}(0; \{268, 134, 4\})$	132
300	$\mathcal{O}(0; \{300^2, 3\})$	80
303	$\mathcal{O}(0; \{303, 101, 3\})$	200
400	$\mathcal{O}(0; \{400^2, 2\})$	160
402	$\mathcal{O}(0; \{402, 201, 2\})$	132

Table 11: 101-admissible orbifolds.

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
1	$\mathcal{O}(101; \emptyset)$	1
2	$\mathcal{O}(51; \emptyset)$	5070602400912917605986812821503
2	$\mathcal{O}(50; \{2^4\})$	1267650600228229401496703205376
2	$\mathcal{O}(49; \{2^8\})$	316912650057057350374175801344
2	$\mathcal{O}(48; \{2^{12}\})$	79228162514264337593543950336
2	$\mathcal{O}(47; \{2^{16}\})$	19807040628566084398385987584
2	$\mathcal{O}(46; \{2^{20}\})$	4951760157141521099596496896
2	$\mathcal{O}(45; \{2^{24}\})$	1237940039285380274899124224
2	$\mathcal{O}(44; \{2^{28}\})$	309485009821345068724781056
2	$\mathcal{O}(43; \{2^{32}\})$	77371252455336267181195264
2	$\mathcal{O}(42; \{2^{36}\})$	19342813113834066795298816
2	$\mathcal{O}(41; \{2^{40}\})$	4835703278458516698824704
2	$\mathcal{O}(40; \{2^{44}\})$	1208925819614629174706176
2	$\mathcal{O}(39; \{2^{48}\})$	302231454903657293676544
2	$\mathcal{O}(38; \{2^{52}\})$	75557863725914323419136

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
2	$\mathcal{O}(37; \{2^{56}\})$	18889465931478580854784
2	$\mathcal{O}(36; \{2^{60}\})$	4722366482869645213696
2	$\mathcal{O}(35; \{2^{64}\})$	1180591620717411303424
2	$\mathcal{O}(34; \{2^{68}\})$	295147905179352825856
2	$\mathcal{O}(33; \{2^{72}\})$	73786976294838206464
2	$\mathcal{O}(32; \{2^{76}\})$	18446744073709551616
2	$\mathcal{O}(31; \{2^{80}\})$	4611686018427387904
2	$\mathcal{O}(30; \{2^{84}\})$	1152921504606846976
2	$\mathcal{O}(29; \{2^{88}\})$	288230376151711744
2	$\mathcal{O}(28; \{2^{92}\})$	72057594037927936
2	$\mathcal{O}(27; \{2^{96}\})$	18014398509481984
2	$\mathcal{O}(26; \{2^{100}\})$	4503599627370496
2	$\mathcal{O}(25; \{2^{104}\})$	1125899906842624
2	$\mathcal{O}(24; \{2^{108}\})$	281474976710656
2	$\mathcal{O}(23; \{2^{112}\})$	70368744177664
2	$\mathcal{O}(22; \{2^{116}\})$	17592186044416
2	$\mathcal{O}(21; \{2^{120}\})$	4398046511104
2	$\mathcal{O}(20; \{2^{124}\})$	1099511627776
2	$\mathcal{O}(19; \{2^{128}\})$	274877906944
2	$\mathcal{O}(18; \{2^{132}\})$	68719476736
2	$\mathcal{O}(17; \{2^{136}\})$	17179869184
2	$\mathcal{O}(16; \{2^{140}\})$	4294967296
2	$\mathcal{O}(15; \{2^{144}\})$	1073741824
2	$\mathcal{O}(14; \{2^{148}\})$	268435456
2	$\mathcal{O}(13; \{2^{152}\})$	67108864
2	$\mathcal{O}(12; \{2^{156}\})$	16777216
2	$\mathcal{O}(11; \{2^{160}\})$	4194304
2	$\mathcal{O}(10; \{2^{164}\})$	1048576
2	$\mathcal{O}(9; \{2^{168}\})$	262144
2	$\mathcal{O}(8; \{2^{172}\})$	65536
2	$\mathcal{O}(7; \{2^{176}\})$	16384
2	$\mathcal{O}(6; \{2^{180}\})$	4096
2	$\mathcal{O}(5; \{2^{184}\})$	1024
2	$\mathcal{O}(4; \{2^{188}\})$	256
2	$\mathcal{O}(3; \{2^{192}\})$	64
2	$\mathcal{O}(2; \{2^{196}\})$	16
2	$\mathcal{O}(1; \{2^{200}\})$	4
2	$\mathcal{O}(0; \{2^{204}\})$	1
3	$\mathcal{O}(33; \{3^4\})$	185418926295795674171523850821174
3	$\mathcal{O}(32; \{3^7\})$	144214720452285524355629661749802
3	$\mathcal{O}(31; \{3^{10}\})$	130479985171115474416998265392678
3	$\mathcal{O}(30; \{3^{13}\})$	115727862091340235594023802638730
3	$\mathcal{O}(29; \{3^{16}\})$	102897471520041464663697354189894

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
3	$\mathcal{O}(28; \{3^{19}\})$	91461279043127582204507700433002
3	$\mathcal{O}(27; \{3^{22}\})$	81299263603424313533253876059238
3	$\mathcal{O}(26; \{3^{25}\})$	72265973325441387780630318459210
3	$\mathcal{O}(25; \{3^{28}\})$	64236425041113604178342482363014
3	$\mathcal{O}(24; \{3^{31}\})$	57099044002391211919513814031402
3	$\mathcal{O}(23; \{3^{34}\})$	50754705833080928201927285714598
3	$\mathcal{O}(22; \{3^{37}\})$	45115294067941088544167031015690
3	$\mathcal{O}(21; \{3^{40}\})$	40102483616604148196270879502534
3	$\mathcal{O}(20; \{3^{43}\})$	35646652103575185737264217985002
3	$\mathcal{O}(19; \{3^{46}\})$	31685912980963825765652009494758
3	$\mathcal{O}(18; \{3^{49}\})$	28165255983078055668323337556170
3	$\mathcal{O}(17; \{3^{52}\})$	25035783096069482879377609160454
3	$\mathcal{O}(16; \{3^{55}\})$	22254029418728418107992297253802
3	$\mathcal{O}(15; \{3^{58}\})$	19781359483314150664673279015718
3	$\mathcal{O}(14; \{3^{61}\})$	17583430651834800453559937728650
3	$\mathcal{O}(13; \{3^{64}\})$	15629716134964267085082250728774
3	$\mathcal{O}(12; \{3^{67}\})$	13893081008857126296156312317802
3	$\mathcal{O}(11; \{3^{70}\})$	12349405341206334485660563973478
3	$\mathcal{O}(10; \{3^{73}\})$	10977249192183408431677358381130
3	$\mathcal{O}(9; \{3^{76}\})$	9757554837496363050382198639494
3	$\mathcal{O}(8; \{3^{79}\})$	8673382077774544933672807177002
3	$\mathcal{O}(7; \{3^{82}\})$	7709672958021817718820301744038
3	$\mathcal{O}(6; \{3^{85}\})$	6853042629352726861173598361610
3	$\mathcal{O}(5; \{3^{88}\})$	6091593448313534987709865564614
3	$\mathcal{O}(4; \{3^{91}\})$	5414749731834253322408769351402
3	$\mathcal{O}(3; \{3^{94}\})$	4813110872741558508807794983398
3	$\mathcal{O}(2; \{3^{97}\})$	4278320775770274230051373318090
3	$\mathcal{O}(1; \{3^{100}\})$	3802951800684688204490109616134
3	$\mathcal{O}(0; \{3^{103}\})$	3380401600608611737324541881002
4	$\mathcal{O}(26; \emptyset)$	20282409603651665920347623915520
4	$\mathcal{O}(25; \{2^4\})$	1267650600228228275596796362752
4	$\mathcal{O}(25; \{4^2, 2\})$	2535301200456458802993406410752
4	$\mathcal{O}(24; \{2^8\})$	79228162514264056118567239680
4	$\mathcal{O}(24; \{4^2, 2^5\})$	158456325028528675187087900672
4	$\mathcal{O}(24; \{4^4, 2^2\})$	633825300114114700748351602688
4	$\mathcal{O}(23; \{2^{12}\})$	4951760157141450730852319232
4	$\mathcal{O}(23; \{4^2, 2^9\})$	9903520314283042199192993792
4	$\mathcal{O}(23; \{4^4, 2^6\})$	39614081257132168796771975168
4	$\mathcal{O}(23; \{4^6, 2^3\})$	158456325028528675187087900672
4	$\mathcal{O}(23; \{4^8\})$	633825300114114700748351602688
4	$\mathcal{O}(22; \{2^{16}\})$	309485009821327476538736640
4	$\mathcal{O}(22; \{4^2, 2^{13}\})$	618970019642690137449562112
4	$\mathcal{O}(22; \{4^4, 2^{10}\})$	2475880078570760549798248448

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(22; \{4^6, 2^7\})$	9903520314283042199192993792
4	$\mathcal{O}(22; \{4^8, 2^4\})$	39614081257132168796771975168
4	$\mathcal{O}(22; \{4^{10}, 2\})$	158456325028528675187087900672
4	$\mathcal{O}(21; \{2^{20}\})$	19342813113829668748787712
4	$\mathcal{O}(21; \{4^2, 2^{17}\})$	38685626227668133590597632
4	$\mathcal{O}(21; \{4^4, 2^{14}\})$	154742504910672534362390528
4	$\mathcal{O}(21; \{4^6, 2^{11}\})$	618970019642690137449562112
4	$\mathcal{O}(21; \{4^8, 2^8\})$	2475880078570760549798248448
4	$\mathcal{O}(21; \{4^{10}, 2^5\})$	9903520314283042199192993792
4	$\mathcal{O}(21; \{4^{12}, 2^2\})$	39614081257132168796771975168
4	$\mathcal{O}(20; \{2^{24}\})$	1208925819613529663078400
4	$\mathcal{O}(20; \{4^2, 2^{21}\})$	2417851639229258349412352
4	$\mathcal{O}(20; \{4^4, 2^{18}\})$	9671406556917033397649408
4	$\mathcal{O}(20; \{4^6, 2^{15}\})$	38685626227668133590597632
4	$\mathcal{O}(20; \{4^8, 2^{12}\})$	154742504910672534362390528
4	$\mathcal{O}(20; \{4^{10}, 2^9\})$	618970019642690137449562112
4	$\mathcal{O}(20; \{4^{12}, 2^6\})$	2475880078570760549798248448
4	$\mathcal{O}(20; \{4^{14}, 2^3\})$	9903520314283042199192993792
4	$\mathcal{O}(20; \{4^{16}\})$	39614081257132168796771975168
4	$\mathcal{O}(19; \{2^{28}\})$	75557863725639445512192
4	$\mathcal{O}(19; \{4^2, 2^{25}\})$	151115727451828646838272
4	$\mathcal{O}(19; \{4^4, 2^{22}\})$	604462909807314587353088
4	$\mathcal{O}(19; \{4^6, 2^{19}\})$	2417851639229258349412352
4	$\mathcal{O}(19; \{4^8, 2^{16}\})$	9671406556917033397649408
4	$\mathcal{O}(19; \{4^{10}, 2^{13}\})$	38685626227668133590597632
4	$\mathcal{O}(19; \{4^{12}, 2^{10}\})$	154742504910672534362390528
4	$\mathcal{O}(19; \{4^{14}, 2^7\})$	618970019642690137449562112
4	$\mathcal{O}(19; \{4^{16}, 2^4\})$	2475880078570760549798248448
4	$\mathcal{O}(19; \{4^{18}, 2\})$	9903520314283042199192993792
4	$\mathcal{O}(18; \{2^{32}\})$	4722366482800925736960
4	$\mathcal{O}(18; \{4^2, 2^{29}\})$	9444732965739290427392
4	$\mathcal{O}(18; \{4^4, 2^{26}\})$	37778931862957161709568
4	$\mathcal{O}(18; \{4^6, 2^{23}\})$	151115727451828646838272
4	$\mathcal{O}(18; \{4^8, 2^{20}\})$	604462909807314587353088
4	$\mathcal{O}(18; \{4^{10}, 2^{17}\})$	2417851639229258349412352
4	$\mathcal{O}(18; \{4^{12}, 2^{14}\})$	9671406556917033397649408
4	$\mathcal{O}(18; \{4^{14}, 2^{11}\})$	38685626227668133590597632
4	$\mathcal{O}(18; \{4^{16}, 2^8\})$	154742504910672534362390528
4	$\mathcal{O}(18; \{4^{18}, 2^5\})$	618970019642690137449562112
4	$\mathcal{O}(18; \{4^{20}, 2^2\})$	2475880078570760549798248448
4	$\mathcal{O}(17; \{2^{36}\})$	295147905162172956672
4	$\mathcal{O}(17; \{4^2, 2^{33}\})$	590295810358705651712
4	$\mathcal{O}(17; \{4^4, 2^{30}\})$	2361183241434822606848

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(17; \{4^6, 2^{27}\})$	9444732965739290427392
4	$\mathcal{O}(17; \{4^8, 2^{24}\})$	37778931862957161709568
4	$\mathcal{O}(17; \{4^{10}, 2^{21}\})$	151115727451828646838272
4	$\mathcal{O}(17; \{4^{12}, 2^{18}\})$	604462909807314587353088
4	$\mathcal{O}(17; \{4^{14}, 2^{15}\})$	2417851639229258349412352
4	$\mathcal{O}(17; \{4^{16}, 2^{12}\})$	9671406556917033397649408
4	$\mathcal{O}(17; \{4^{18}, 2^9\})$	38685626227668133590597632
4	$\mathcal{O}(17; \{4^{20}, 2^6\})$	154742504910672534362390528
4	$\mathcal{O}(17; \{4^{22}, 2^3\})$	618970019642690137449562112
4	$\mathcal{O}(17; \{4^{24}\})$	2475880078570760549798248448
4	$\mathcal{O}(16; \{2^{40}\})$	18446744069414584320
4	$\mathcal{O}(16; \{4^2, 2^{37}\})$	36893488147419103232
4	$\mathcal{O}(16; \{4^4, 2^{34}\})$	147573952589676412928
4	$\mathcal{O}(16; \{4^6, 2^{31}\})$	590295810358705651712
4	$\mathcal{O}(16; \{4^8, 2^{28}\})$	2361183241434822606848
4	$\mathcal{O}(16; \{4^{10}, 2^{25}\})$	9444732965739290427392
4	$\mathcal{O}(16; \{4^{12}, 2^{22}\})$	37778931862957161709568
4	$\mathcal{O}(16; \{4^{14}, 2^{19}\})$	151115727451828646838272
4	$\mathcal{O}(16; \{4^{16}, 2^{16}\})$	604462909807314587353088
4	$\mathcal{O}(16; \{4^{18}, 2^{13}\})$	2417851639229258349412352
4	$\mathcal{O}(16; \{4^{20}, 2^{10}\})$	9671406556917033397649408
4	$\mathcal{O}(16; \{4^{22}, 2^7\})$	38685626227668133590597632
4	$\mathcal{O}(16; \{4^{24}, 2^4\})$	154742504910672534362390528
4	$\mathcal{O}(16; \{4^{26}, 2\})$	618970019642690137449562112
4	$\mathcal{O}(15; \{2^{44}\})$	1152921503533105152
4	$\mathcal{O}(15; \{4^2, 2^{41}\})$	2305843009213693952
4	$\mathcal{O}(15; \{4^4, 2^{38}\})$	9223372036854775808
4	$\mathcal{O}(15; \{4^6, 2^{35}\})$	36893488147419103232
4	$\mathcal{O}(15; \{4^8, 2^{32}\})$	147573952589676412928
4	$\mathcal{O}(15; \{4^{10}, 2^{29}\})$	590295810358705651712
4	$\mathcal{O}(15; \{4^{12}, 2^{26}\})$	2361183241434822606848
4	$\mathcal{O}(15; \{4^{14}, 2^{23}\})$	9444732965739290427392
4	$\mathcal{O}(15; \{4^{16}, 2^{20}\})$	37778931862957161709568
4	$\mathcal{O}(15; \{4^{18}, 2^{17}\})$	151115727451828646838272
4	$\mathcal{O}(15; \{4^{20}, 2^{14}\})$	604462909807314587353088
4	$\mathcal{O}(15; \{4^{22}, 2^{11}\})$	2417851639229258349412352
4	$\mathcal{O}(15; \{4^{24}, 2^8\})$	9671406556917033397649408
4	$\mathcal{O}(15; \{4^{26}, 2^5\})$	38685626227668133590597632
4	$\mathcal{O}(15; \{4^{28}, 2^2\})$	154742504910672534362390528
4	$\mathcal{O}(14; \{2^{48}\})$	72057593769492480
4	$\mathcal{O}(14; \{4^2, 2^{45}\})$	144115188075855872
4	$\mathcal{O}(14; \{4^4, 2^{42}\})$	576460752303423488
4	$\mathcal{O}(14; \{4^6, 2^{39}\})$	2305843009213693952

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(14; \{4^8, 2^{36}\})$	9223372036854775808
4	$\mathcal{O}(14; \{4^{10}, 2^{33}\})$	36893488147419103232
4	$\mathcal{O}(14; \{4^{12}, 2^{30}\})$	147573952589676412928
4	$\mathcal{O}(14; \{4^{14}, 2^{27}\})$	590295810358705651712
4	$\mathcal{O}(14; \{4^{16}, 2^{24}\})$	2361183241434822606848
4	$\mathcal{O}(14; \{4^{18}, 2^{21}\})$	9444732965739290427392
4	$\mathcal{O}(14; \{4^{20}, 2^{18}\})$	37778931862957161709568
4	$\mathcal{O}(14; \{4^{22}, 2^{15}\})$	151115727451828646838272
4	$\mathcal{O}(14; \{4^{24}, 2^{12}\})$	604462909807314587353088
4	$\mathcal{O}(14; \{4^{26}, 2^9\})$	2417851639229258349412352
4	$\mathcal{O}(14; \{4^{28}, 2^6\})$	9671406556917033397649408
4	$\mathcal{O}(14; \{4^{30}, 2^3\})$	38685626227668133590597632
4	$\mathcal{O}(14; \{4^{32}\})$	154742504910672534362390528
4	$\mathcal{O}(13; \{2^{52}\})$	4503599560261632
4	$\mathcal{O}(13; \{4^2, 2^{49}\})$	9007199254740992
4	$\mathcal{O}(13; \{4^4, 2^{46}\})$	36028797018963968
4	$\mathcal{O}(13; \{4^6, 2^{43}\})$	144115188075855872
4	$\mathcal{O}(13; \{4^8, 2^{40}\})$	576460752303423488
4	$\mathcal{O}(13; \{4^{10}, 2^{37}\})$	2305843009213693952
4	$\mathcal{O}(13; \{4^{12}, 2^{34}\})$	9223372036854775808
4	$\mathcal{O}(13; \{4^{14}, 2^{31}\})$	36893488147419103232
4	$\mathcal{O}(13; \{4^{16}, 2^{28}\})$	147573952589676412928
4	$\mathcal{O}(13; \{4^{18}, 2^{25}\})$	590295810358705651712
4	$\mathcal{O}(13; \{4^{20}, 2^{22}\})$	2361183241434822606848
4	$\mathcal{O}(13; \{4^{22}, 2^{19}\})$	9444732965739290427392
4	$\mathcal{O}(13; \{4^{24}, 2^{16}\})$	37778931862957161709568
4	$\mathcal{O}(13; \{4^{26}, 2^{13}\})$	151115727451828646838272
4	$\mathcal{O}(13; \{4^{28}, 2^{10}\})$	604462909807314587353088
4	$\mathcal{O}(13; \{4^{30}, 2^7\})$	2417851639229258349412352
4	$\mathcal{O}(13; \{4^{32}, 2^4\})$	9671406556917033397649408
4	$\mathcal{O}(13; \{4^{34}, 2\})$	38685626227668133590597632
4	$\mathcal{O}(12; \{2^{56}\})$	281474959933440
4	$\mathcal{O}(12; \{4^2, 2^{53}\})$	562949953421312
4	$\mathcal{O}(12; \{4^4, 2^{50}\})$	2251799813685248
4	$\mathcal{O}(12; \{4^6, 2^{47}\})$	9007199254740992
4	$\mathcal{O}(12; \{4^8, 2^{44}\})$	36028797018963968
4	$\mathcal{O}(12; \{4^{10}, 2^{41}\})$	144115188075855872
4	$\mathcal{O}(12; \{4^{12}, 2^{38}\})$	576460752303423488
4	$\mathcal{O}(12; \{4^{14}, 2^{35}\})$	2305843009213693952
4	$\mathcal{O}(12; \{4^{16}, 2^{32}\})$	9223372036854775808
4	$\mathcal{O}(12; \{4^{18}, 2^{29}\})$	36893488147419103232
4	$\mathcal{O}(12; \{4^{20}, 2^{26}\})$	147573952589676412928
4	$\mathcal{O}(12; \{4^{22}, 2^{23}\})$	590295810358705651712

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(12; \{4^{24}, 2^{20}\})$	2361183241434822606848
4	$\mathcal{O}(12; \{4^{26}, 2^{17}\})$	9444732965739290427392
4	$\mathcal{O}(12; \{4^{28}, 2^{14}\})$	37778931862957161709568
4	$\mathcal{O}(12; \{4^{30}, 2^{11}\})$	151115727451828646838272
4	$\mathcal{O}(12; \{4^{32}, 2^8\})$	604462909807314587353088
4	$\mathcal{O}(12; \{4^{34}, 2^5\})$	2417851639229258349412352
4	$\mathcal{O}(12; \{4^{36}, 2^2\})$	9671406556917033397649408
4	$\mathcal{O}(11; \{2^{60}\})$	17592181850112
4	$\mathcal{O}(11; \{4^2, 2^{57}\})$	35184372088832
4	$\mathcal{O}(11; \{4^4, 2^{54}\})$	140737488355328
4	$\mathcal{O}(11; \{4^6, 2^{51}\})$	562949953421312
4	$\mathcal{O}(11; \{4^8, 2^{48}\})$	2251799813685248
4	$\mathcal{O}(11; \{4^{10}, 2^{45}\})$	9007199254740992
4	$\mathcal{O}(11; \{4^{12}, 2^{42}\})$	36028797018963968
4	$\mathcal{O}(11; \{4^{14}, 2^{39}\})$	144115188075855872
4	$\mathcal{O}(11; \{4^{16}, 2^{36}\})$	576460752303423488
4	$\mathcal{O}(11; \{4^{18}, 2^{33}\})$	2305843009213693952
4	$\mathcal{O}(11; \{4^{20}, 2^{30}\})$	9223372036854775808
4	$\mathcal{O}(11; \{4^{22}, 2^{27}\})$	36893488147419103232
4	$\mathcal{O}(11; \{4^{24}, 2^{24}\})$	147573952589676412928
4	$\mathcal{O}(11; \{4^{26}, 2^{21}\})$	590295810358705651712
4	$\mathcal{O}(11; \{4^{28}, 2^{18}\})$	2361183241434822606848
4	$\mathcal{O}(11; \{4^{30}, 2^{15}\})$	9444732965739290427392
4	$\mathcal{O}(11; \{4^{32}, 2^{12}\})$	37778931862957161709568
4	$\mathcal{O}(11; \{4^{34}, 2^9\})$	151115727451828646838272
4	$\mathcal{O}(11; \{4^{36}, 2^6\})$	604462909807314587353088
4	$\mathcal{O}(11; \{4^{38}, 2^3\})$	2417851639229258349412352
4	$\mathcal{O}(11; \{4^{40}\})$	9671406556917033397649408
4	$\mathcal{O}(10; \{2^{64}\})$	1099510579200
4	$\mathcal{O}(10; \{4^2, 2^{61}\})$	2199023255552
4	$\mathcal{O}(10; \{4^4, 2^{58}\})$	8796093022208
4	$\mathcal{O}(10; \{4^6, 2^{55}\})$	35184372088832
4	$\mathcal{O}(10; \{4^8, 2^{52}\})$	140737488355328
4	$\mathcal{O}(10; \{4^{10}, 2^{49}\})$	562949953421312
4	$\mathcal{O}(10; \{4^{12}, 2^{46}\})$	2251799813685248
4	$\mathcal{O}(10; \{4^{14}, 2^{43}\})$	9007199254740992
4	$\mathcal{O}(10; \{4^{16}, 2^{40}\})$	36028797018963968
4	$\mathcal{O}(10; \{4^{18}, 2^{37}\})$	144115188075855872
4	$\mathcal{O}(10; \{4^{20}, 2^{34}\})$	576460752303423488
4	$\mathcal{O}(10; \{4^{22}, 2^{31}\})$	2305843009213693952
4	$\mathcal{O}(10; \{4^{24}, 2^{28}\})$	9223372036854775808
4	$\mathcal{O}(10; \{4^{26}, 2^{25}\})$	36893488147419103232
4	$\mathcal{O}(10; \{4^{28}, 2^{22}\})$	147573952589676412928

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(10; \{4^{30}, 2^{19}\})$	590295810358705651712
4	$\mathcal{O}(10; \{4^{32}, 2^{16}\})$	2361183241434822606848
4	$\mathcal{O}(10; \{4^{34}, 2^{13}\})$	9444732965739290427392
4	$\mathcal{O}(10; \{4^{36}, 2^{10}\})$	37778931862957161709568
4	$\mathcal{O}(10; \{4^{38}, 2^7\})$	151115727451828646838272
4	$\mathcal{O}(10; \{4^{40}, 2^4\})$	604462909807314587353088
4	$\mathcal{O}(10; \{4^{42}, 2\})$	2417851639229258349412352
4	$\mathcal{O}(9; \{2^{68}\})$	68719214592
4	$\mathcal{O}(9; \{4^2, 2^{65}\})$	137438953472
4	$\mathcal{O}(9; \{4^4, 2^{62}\})$	549755813888
4	$\mathcal{O}(9; \{4^6, 2^{59}\})$	2199023255552
4	$\mathcal{O}(9; \{4^8, 2^{56}\})$	8796093022208
4	$\mathcal{O}(9; \{4^{10}, 2^{53}\})$	35184372088832
4	$\mathcal{O}(9; \{4^{12}, 2^{50}\})$	140737488355328
4	$\mathcal{O}(9; \{4^{14}, 2^{47}\})$	562949953421312
4	$\mathcal{O}(9; \{4^{16}, 2^{44}\})$	2251799813685248
4	$\mathcal{O}(9; \{4^{18}, 2^{41}\})$	9007199254740992
4	$\mathcal{O}(9; \{4^{20}, 2^{38}\})$	36028797018963968
4	$\mathcal{O}(9; \{4^{22}, 2^{35}\})$	144115188075855872
4	$\mathcal{O}(9; \{4^{24}, 2^{32}\})$	576460752303423488
4	$\mathcal{O}(9; \{4^{26}, 2^{29}\})$	2305843009213693952
4	$\mathcal{O}(9; \{4^{28}, 2^{26}\})$	9223372036854775808
4	$\mathcal{O}(9; \{4^{30}, 2^{23}\})$	36893488147419103232
4	$\mathcal{O}(9; \{4^{32}, 2^{20}\})$	147573952589676412928
4	$\mathcal{O}(9; \{4^{34}, 2^{17}\})$	590295810358705651712
4	$\mathcal{O}(9; \{4^{36}, 2^{14}\})$	2361183241434822606848
4	$\mathcal{O}(9; \{4^{38}, 2^{11}\})$	9444732965739290427392
4	$\mathcal{O}(9; \{4^{40}, 2^8\})$	37778931862957161709568
4	$\mathcal{O}(9; \{4^{42}, 2^5\})$	151115727451828646838272
4	$\mathcal{O}(9; \{4^{44}, 2^2\})$	604462909807314587353088
4	$\mathcal{O}(8; \{2^{72}\})$	4294901760
4	$\mathcal{O}(8; \{4^2, 2^{69}\})$	8589934592
4	$\mathcal{O}(8; \{4^4, 2^{66}\})$	34359738368
4	$\mathcal{O}(8; \{4^6, 2^{63}\})$	137438953472
4	$\mathcal{O}(8; \{4^8, 2^{60}\})$	549755813888
4	$\mathcal{O}(8; \{4^{10}, 2^{57}\})$	2199023255552
4	$\mathcal{O}(8; \{4^{12}, 2^{54}\})$	8796093022208
4	$\mathcal{O}(8; \{4^{14}, 2^{51}\})$	35184372088832
4	$\mathcal{O}(8; \{4^{16}, 2^{48}\})$	140737488355328
4	$\mathcal{O}(8; \{4^{18}, 2^{45}\})$	562949953421312
4	$\mathcal{O}(8; \{4^{20}, 2^{42}\})$	2251799813685248
4	$\mathcal{O}(8; \{4^{22}, 2^{39}\})$	9007199254740992
4	$\mathcal{O}(8; \{4^{24}, 2^{36}\})$	36028797018963968

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(8; \{4^{26}, 2^{33}\})$	144115188075855872
4	$\mathcal{O}(8; \{4^{28}, 2^{30}\})$	576460752303423488
4	$\mathcal{O}(8; \{4^{30}, 2^{27}\})$	2305843009213693952
4	$\mathcal{O}(8; \{4^{32}, 2^{24}\})$	9223372036854775808
4	$\mathcal{O}(8; \{4^{34}, 2^{21}\})$	36893488147419103232
4	$\mathcal{O}(8; \{4^{36}, 2^{18}\})$	147573952589676412928
4	$\mathcal{O}(8; \{4^{38}, 2^{15}\})$	590295810358705651712
4	$\mathcal{O}(8; \{4^{40}, 2^{12}\})$	2361183241434822606848
4	$\mathcal{O}(8; \{4^{42}, 2^9\})$	9444732965739290427392
4	$\mathcal{O}(8; \{4^{44}, 2^6\})$	37778931862957161709568
4	$\mathcal{O}(8; \{4^{46}, 2^3\})$	151115727451828646838272
4	$\mathcal{O}(8; \{4^{48}\})$	604462909807314587353088
4	$\mathcal{O}(7; \{2^{76}\})$	268419072
4	$\mathcal{O}(7; \{4^2, 2^{73}\})$	536870912
4	$\mathcal{O}(7; \{4^4, 2^{70}\})$	2147483648
4	$\mathcal{O}(7; \{4^6, 2^{67}\})$	8589934592
4	$\mathcal{O}(7; \{4^8, 2^{64}\})$	34359738368
4	$\mathcal{O}(7; \{4^{10}, 2^{61}\})$	137438953472
4	$\mathcal{O}(7; \{4^{12}, 2^{58}\})$	549755813888
4	$\mathcal{O}(7; \{4^{14}, 2^{55}\})$	2199023255552
4	$\mathcal{O}(7; \{4^{16}, 2^{52}\})$	8796093022208
4	$\mathcal{O}(7; \{4^{18}, 2^{49}\})$	35184372088832
4	$\mathcal{O}(7; \{4^{20}, 2^{46}\})$	140737488355328
4	$\mathcal{O}(7; \{4^{22}, 2^{43}\})$	562949953421312
4	$\mathcal{O}(7; \{4^{24}, 2^{40}\})$	2251799813685248
4	$\mathcal{O}(7; \{4^{26}, 2^{37}\})$	9007199254740992
4	$\mathcal{O}(7; \{4^{28}, 2^{34}\})$	36028797018963968
4	$\mathcal{O}(7; \{4^{30}, 2^{31}\})$	144115188075855872
4	$\mathcal{O}(7; \{4^{32}, 2^{28}\})$	576460752303423488
4	$\mathcal{O}(7; \{4^{34}, 2^{25}\})$	2305843009213693952
4	$\mathcal{O}(7; \{4^{36}, 2^{22}\})$	9223372036854775808
4	$\mathcal{O}(7; \{4^{38}, 2^{19}\})$	36893488147419103232
4	$\mathcal{O}(7; \{4^{40}, 2^{16}\})$	147573952589676412928
4	$\mathcal{O}(7; \{4^{42}, 2^{13}\})$	590295810358705651712
4	$\mathcal{O}(7; \{4^{44}, 2^{10}\})$	2361183241434822606848
4	$\mathcal{O}(7; \{4^{46}, 2^7\})$	9444732965739290427392
4	$\mathcal{O}(7; \{4^{48}, 2^4\})$	37778931862957161709568
4	$\mathcal{O}(7; \{4^{50}, 2\})$	151115727451828646838272
4	$\mathcal{O}(6; \{2^{80}\})$	16773120
4	$\mathcal{O}(6; \{4^2, 2^{77}\})$	33554432
4	$\mathcal{O}(6; \{4^4, 2^{74}\})$	134217728
4	$\mathcal{O}(6; \{4^6, 2^{71}\})$	536870912
4	$\mathcal{O}(6; \{4^8, 2^{68}\})$	2147483648

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(6; \{4^{10}, 2^{65}\})$	8589934592
4	$\mathcal{O}(6; \{4^{12}, 2^{62}\})$	34359738368
4	$\mathcal{O}(6; \{4^{14}, 2^{59}\})$	137438953472
4	$\mathcal{O}(6; \{4^{16}, 2^{56}\})$	549755813888
4	$\mathcal{O}(6; \{4^{18}, 2^{53}\})$	2199023255552
4	$\mathcal{O}(6; \{4^{20}, 2^{50}\})$	8796093022208
4	$\mathcal{O}(6; \{4^{22}, 2^{47}\})$	35184372088832
4	$\mathcal{O}(6; \{4^{24}, 2^{44}\})$	140737488355328
4	$\mathcal{O}(6; \{4^{26}, 2^{41}\})$	562949953421312
4	$\mathcal{O}(6; \{4^{28}, 2^{38}\})$	2251799813685248
4	$\mathcal{O}(6; \{4^{30}, 2^{35}\})$	9007199254740992
4	$\mathcal{O}(6; \{4^{32}, 2^{32}\})$	36028797018963968
4	$\mathcal{O}(6; \{4^{34}, 2^{29}\})$	144115188075855872
4	$\mathcal{O}(6; \{4^{36}, 2^{26}\})$	576460752303423488
4	$\mathcal{O}(6; \{4^{38}, 2^{23}\})$	2305843009213693952
4	$\mathcal{O}(6; \{4^{40}, 2^{20}\})$	9223372036854775808
4	$\mathcal{O}(6; \{4^{42}, 2^{17}\})$	36893488147419103232
4	$\mathcal{O}(6; \{4^{44}, 2^{14}\})$	147573952589676412928
4	$\mathcal{O}(6; \{4^{46}, 2^{11}\})$	590295810358705651712
4	$\mathcal{O}(6; \{4^{48}, 2^8\})$	2361183241434822606848
4	$\mathcal{O}(6; \{4^{50}, 2^5\})$	9444732965739290427392
4	$\mathcal{O}(6; \{4^{52}, 2^2\})$	37778931862957161709568
4	$\mathcal{O}(5; \{2^{84}\})$	1047552
4	$\mathcal{O}(5; \{4^2, 2^{81}\})$	2097152
4	$\mathcal{O}(5; \{4^4, 2^{78}\})$	8388608
4	$\mathcal{O}(5; \{4^6, 2^{75}\})$	33554432
4	$\mathcal{O}(5; \{4^8, 2^{72}\})$	134217728
4	$\mathcal{O}(5; \{4^{10}, 2^{69}\})$	536870912
4	$\mathcal{O}(5; \{4^{12}, 2^{66}\})$	2147483648
4	$\mathcal{O}(5; \{4^{14}, 2^{63}\})$	8589934592
4	$\mathcal{O}(5; \{4^{16}, 2^{60}\})$	34359738368
4	$\mathcal{O}(5; \{4^{18}, 2^{57}\})$	137438953472
4	$\mathcal{O}(5; \{4^{20}, 2^{54}\})$	549755813888
4	$\mathcal{O}(5; \{4^{22}, 2^{51}\})$	2199023255552
4	$\mathcal{O}(5; \{4^{24}, 2^{48}\})$	8796093022208
4	$\mathcal{O}(5; \{4^{26}, 2^{45}\})$	35184372088832
4	$\mathcal{O}(5; \{4^{28}, 2^{42}\})$	140737488355328
4	$\mathcal{O}(5; \{4^{30}, 2^{39}\})$	562949953421312
4	$\mathcal{O}(5; \{4^{32}, 2^{36}\})$	2251799813685248
4	$\mathcal{O}(5; \{4^{34}, 2^{33}\})$	9007199254740992
4	$\mathcal{O}(5; \{4^{36}, 2^{30}\})$	36028797018963968
4	$\mathcal{O}(5; \{4^{38}, 2^{27}\})$	144115188075855872
4	$\mathcal{O}(5; \{4^{40}, 2^{24}\})$	576460752303423488

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(5; \{4^{42}, 2^{21}\})$	2305843009213693952
4	$\mathcal{O}(5; \{4^{44}, 2^{18}\})$	9223372036854775808
4	$\mathcal{O}(5; \{4^{46}, 2^{15}\})$	36893488147419103232
4	$\mathcal{O}(5; \{4^{48}, 2^{12}\})$	147573952589676412928
4	$\mathcal{O}(5; \{4^{50}, 2^9\})$	590295810358705651712
4	$\mathcal{O}(5; \{4^{52}, 2^6\})$	2361183241434822606848
4	$\mathcal{O}(5; \{4^{54}, 2^3\})$	9444732965739290427392
4	$\mathcal{O}(5; \{4^{56}\})$	37778931862957161709568
4	$\mathcal{O}(4; \{2^{88}\})$	65280
4	$\mathcal{O}(4; \{4^2, 2^{85}\})$	131072
4	$\mathcal{O}(4; \{4^4, 2^{82}\})$	524288
4	$\mathcal{O}(4; \{4^6, 2^{79}\})$	2097152
4	$\mathcal{O}(4; \{4^8, 2^{76}\})$	8388608
4	$\mathcal{O}(4; \{4^{10}, 2^{73}\})$	33554432
4	$\mathcal{O}(4; \{4^{12}, 2^{70}\})$	134217728
4	$\mathcal{O}(4; \{4^{14}, 2^{67}\})$	536870912
4	$\mathcal{O}(4; \{4^{16}, 2^{64}\})$	2147483648
4	$\mathcal{O}(4; \{4^{18}, 2^{61}\})$	8589934592
4	$\mathcal{O}(4; \{4^{20}, 2^{58}\})$	34359738368
4	$\mathcal{O}(4; \{4^{22}, 2^{55}\})$	137438953472
4	$\mathcal{O}(4; \{4^{24}, 2^{52}\})$	549755813888
4	$\mathcal{O}(4; \{4^{26}, 2^{49}\})$	2199023255552
4	$\mathcal{O}(4; \{4^{28}, 2^{46}\})$	8796093022208
4	$\mathcal{O}(4; \{4^{30}, 2^{43}\})$	35184372088832
4	$\mathcal{O}(4; \{4^{32}, 2^{40}\})$	140737488355328
4	$\mathcal{O}(4; \{4^{34}, 2^{37}\})$	562949953421312
4	$\mathcal{O}(4; \{4^{36}, 2^{34}\})$	2251799813685248
4	$\mathcal{O}(4; \{4^{38}, 2^{31}\})$	9007199254740992
4	$\mathcal{O}(4; \{4^{40}, 2^{28}\})$	36028797018963968
4	$\mathcal{O}(4; \{4^{42}, 2^{25}\})$	144115188075855872
4	$\mathcal{O}(4; \{4^{44}, 2^{22}\})$	576460752303423488
4	$\mathcal{O}(4; \{4^{46}, 2^{19}\})$	2305843009213693952
4	$\mathcal{O}(4; \{4^{48}, 2^{16}\})$	9223372036854775808
4	$\mathcal{O}(4; \{4^{50}, 2^{13}\})$	36893488147419103232
4	$\mathcal{O}(4; \{4^{52}, 2^{10}\})$	147573952589676412928
4	$\mathcal{O}(4; \{4^{54}, 2^7\})$	590295810358705651712
4	$\mathcal{O}(4; \{4^{56}, 2^4\})$	2361183241434822606848
4	$\mathcal{O}(4; \{4^{58}, 2\})$	9444732965739290427392
4	$\mathcal{O}(3; \{2^{92}\})$	4032
4	$\mathcal{O}(3; \{4^2, 2^{89}\})$	8192
4	$\mathcal{O}(3; \{4^4, 2^{86}\})$	32768
4	$\mathcal{O}(3; \{4^6, 2^{83}\})$	131072
4	$\mathcal{O}(3; \{4^8, 2^{80}\})$	524288

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(3; \{4^{10}, 2^{77}\})$	2097152
4	$\mathcal{O}(3; \{4^{12}, 2^{74}\})$	8388608
4	$\mathcal{O}(3; \{4^{14}, 2^{71}\})$	33554432
4	$\mathcal{O}(3; \{4^{16}, 2^{68}\})$	134217728
4	$\mathcal{O}(3; \{4^{18}, 2^{65}\})$	536870912
4	$\mathcal{O}(3; \{4^{20}, 2^{62}\})$	2147483648
4	$\mathcal{O}(3; \{4^{22}, 2^{59}\})$	8589934592
4	$\mathcal{O}(3; \{4^{24}, 2^{56}\})$	34359738368
4	$\mathcal{O}(3; \{4^{26}, 2^{53}\})$	137438953472
4	$\mathcal{O}(3; \{4^{28}, 2^{50}\})$	549755813888
4	$\mathcal{O}(3; \{4^{30}, 2^{47}\})$	2199023255552
4	$\mathcal{O}(3; \{4^{32}, 2^{44}\})$	8796093022208
4	$\mathcal{O}(3; \{4^{34}, 2^{41}\})$	35184372088832
4	$\mathcal{O}(3; \{4^{36}, 2^{38}\})$	140737488355328
4	$\mathcal{O}(3; \{4^{38}, 2^{35}\})$	562949953421312
4	$\mathcal{O}(3; \{4^{40}, 2^{32}\})$	2251799813685248
4	$\mathcal{O}(3; \{4^{42}, 2^{29}\})$	9007199254740992
4	$\mathcal{O}(3; \{4^{44}, 2^{26}\})$	36028797018963968
4	$\mathcal{O}(3; \{4^{46}, 2^{23}\})$	144115188075855872
4	$\mathcal{O}(3; \{4^{48}, 2^{20}\})$	576460752303423488
4	$\mathcal{O}(3; \{4^{50}, 2^{17}\})$	2305843009213693952
4	$\mathcal{O}(3; \{4^{52}, 2^{14}\})$	9223372036854775808
4	$\mathcal{O}(3; \{4^{54}, 2^{11}\})$	36893488147419103232
4	$\mathcal{O}(3; \{4^{56}, 2^8\})$	147573952589676412928
4	$\mathcal{O}(3; \{4^{58}, 2^5\})$	590295810358705651712
4	$\mathcal{O}(3; \{4^{60}, 2^2\})$	2361183241434822606848
4	$\mathcal{O}(2; \{2^{96}\})$	240
4	$\mathcal{O}(2; \{4^2, 2^{93}\})$	512
4	$\mathcal{O}(2; \{4^4, 2^{90}\})$	2048
4	$\mathcal{O}(2; \{4^6, 2^{87}\})$	8192
4	$\mathcal{O}(2; \{4^8, 2^{84}\})$	32768
4	$\mathcal{O}(2; \{4^{10}, 2^{81}\})$	131072
4	$\mathcal{O}(2; \{4^{12}, 2^{78}\})$	524288
4	$\mathcal{O}(2; \{4^{14}, 2^{75}\})$	2097152
4	$\mathcal{O}(2; \{4^{16}, 2^{72}\})$	8388608
4	$\mathcal{O}(2; \{4^{18}, 2^{69}\})$	33554432
4	$\mathcal{O}(2; \{4^{20}, 2^{66}\})$	134217728
4	$\mathcal{O}(2; \{4^{22}, 2^{63}\})$	536870912
4	$\mathcal{O}(2; \{4^{24}, 2^{60}\})$	2147483648
4	$\mathcal{O}(2; \{4^{26}, 2^{57}\})$	8589934592
4	$\mathcal{O}(2; \{4^{28}, 2^{54}\})$	34359738368
4	$\mathcal{O}(2; \{4^{30}, 2^{51}\})$	137438953472
4	$\mathcal{O}(2; \{4^{32}, 2^{48}\})$	549755813888

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(2; \{4^{34}, 2^{45}\})$	219902325552
4	$\mathcal{O}(2; \{4^{36}, 2^{42}\})$	8796093022208
4	$\mathcal{O}(2; \{4^{38}, 2^{39}\})$	35184372088832
4	$\mathcal{O}(2; \{4^{40}, 2^{36}\})$	140737488355328
4	$\mathcal{O}(2; \{4^{42}, 2^{33}\})$	562949953421312
4	$\mathcal{O}(2; \{4^{44}, 2^{30}\})$	2251799813685248
4	$\mathcal{O}(2; \{4^{46}, 2^{27}\})$	9007199254740992
4	$\mathcal{O}(2; \{4^{48}, 2^{24}\})$	36028797018963968
4	$\mathcal{O}(2; \{4^{50}, 2^{21}\})$	144115188075855872
4	$\mathcal{O}(2; \{4^{52}, 2^{18}\})$	576460752303423488
4	$\mathcal{O}(2; \{4^{54}, 2^{15}\})$	2305843009213693952
4	$\mathcal{O}(2; \{4^{56}, 2^{12}\})$	9223372036854775808
4	$\mathcal{O}(2; \{4^{58}, 2^9\})$	36893488147419103232
4	$\mathcal{O}(2; \{4^{60}, 2^6\})$	147573952589676412928
4	$\mathcal{O}(2; \{4^{62}, 2^3\})$	590295810358705651712
4	$\mathcal{O}(2; \{4^{64}\})$	2361183241434822606848
4	$\mathcal{O}(1; \{2^{100}\})$	12
4	$\mathcal{O}(1; \{4^2, 2^{97}\})$	32
4	$\mathcal{O}(1; \{4^4, 2^{94}\})$	128
4	$\mathcal{O}(1; \{4^6, 2^{91}\})$	512
4	$\mathcal{O}(1; \{4^8, 2^{88}\})$	2048
4	$\mathcal{O}(1; \{4^{10}, 2^{85}\})$	8192
4	$\mathcal{O}(1; \{4^{12}, 2^{82}\})$	32768
4	$\mathcal{O}(1; \{4^{14}, 2^{79}\})$	131072
4	$\mathcal{O}(1; \{4^{16}, 2^{76}\})$	524288
4	$\mathcal{O}(1; \{4^{18}, 2^{73}\})$	2097152
4	$\mathcal{O}(1; \{4^{20}, 2^{70}\})$	8388608
4	$\mathcal{O}(1; \{4^{22}, 2^{67}\})$	33554432
4	$\mathcal{O}(1; \{4^{24}, 2^{64}\})$	134217728
4	$\mathcal{O}(1; \{4^{26}, 2^{61}\})$	536870912
4	$\mathcal{O}(1; \{4^{28}, 2^{58}\})$	2147483648
4	$\mathcal{O}(1; \{4^{30}, 2^{55}\})$	8589934592
4	$\mathcal{O}(1; \{4^{32}, 2^{52}\})$	34359738368
4	$\mathcal{O}(1; \{4^{34}, 2^{49}\})$	137438953472
4	$\mathcal{O}(1; \{4^{36}, 2^{46}\})$	549755813888
4	$\mathcal{O}(1; \{4^{38}, 2^{43}\})$	219902325552
4	$\mathcal{O}(1; \{4^{40}, 2^{40}\})$	8796093022208
4	$\mathcal{O}(1; \{4^{42}, 2^{37}\})$	35184372088832
4	$\mathcal{O}(1; \{4^{44}, 2^{34}\})$	140737488355328
4	$\mathcal{O}(1; \{4^{46}, 2^{31}\})$	562949953421312
4	$\mathcal{O}(1; \{4^{48}, 2^{28}\})$	2251799813685248
4	$\mathcal{O}(1; \{4^{50}, 2^{25}\})$	9007199254740992
4	$\mathcal{O}(1; \{4^{52}, 2^{22}\})$	36028797018963968

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
4	$\mathcal{O}(1; \{4^{54}, 2^{19}\})$	144115188075855872
4	$\mathcal{O}(1; \{4^{56}, 2^{16}\})$	576460752303423488
4	$\mathcal{O}(1; \{4^{58}, 2^{13}\})$	2305843009213693952
4	$\mathcal{O}(1; \{4^{60}, 2^{10}\})$	9223372036854775808
4	$\mathcal{O}(1; \{4^{62}, 2^7\})$	36893488147419103232
4	$\mathcal{O}(1; \{4^{64}, 2^4\})$	147573952589676412928
4	$\mathcal{O}(1; \{4^{66}, 2\})$	590295810358705651712
4	$\mathcal{O}(0; \{4^2, 2^{101}\})$	2
4	$\mathcal{O}(0; \{4^4, 2^{98}\})$	8
4	$\mathcal{O}(0; \{4^6, 2^{95}\})$	32
4	$\mathcal{O}(0; \{4^8, 2^{92}\})$	128
4	$\mathcal{O}(0; \{4^{10}, 2^{89}\})$	512
4	$\mathcal{O}(0; \{4^{12}, 2^{86}\})$	2048
4	$\mathcal{O}(0; \{4^{14}, 2^{83}\})$	8192
4	$\mathcal{O}(0; \{4^{16}, 2^{80}\})$	32768
4	$\mathcal{O}(0; \{4^{18}, 2^{77}\})$	131072
4	$\mathcal{O}(0; \{4^{20}, 2^{74}\})$	524288
4	$\mathcal{O}(0; \{4^{22}, 2^{71}\})$	2097152
4	$\mathcal{O}(0; \{4^{24}, 2^{68}\})$	8388608
4	$\mathcal{O}(0; \{4^{26}, 2^{65}\})$	33554432
4	$\mathcal{O}(0; \{4^{28}, 2^{62}\})$	134217728
4	$\mathcal{O}(0; \{4^{30}, 2^{59}\})$	536870912
4	$\mathcal{O}(0; \{4^{32}, 2^{56}\})$	2147483648
4	$\mathcal{O}(0; \{4^{34}, 2^{53}\})$	8589934592
4	$\mathcal{O}(0; \{4^{36}, 2^{50}\})$	34359738368
4	$\mathcal{O}(0; \{4^{38}, 2^{47}\})$	137438953472
4	$\mathcal{O}(0; \{4^{40}, 2^{44}\})$	549755813888
4	$\mathcal{O}(0; \{4^{42}, 2^{41}\})$	2199023255552
4	$\mathcal{O}(0; \{4^{44}, 2^{38}\})$	8796093022208
4	$\mathcal{O}(0; \{4^{46}, 2^{35}\})$	35184372088832
4	$\mathcal{O}(0; \{4^{48}, 2^{32}\})$	140737488355328
4	$\mathcal{O}(0; \{4^{50}, 2^{29}\})$	562949953421312
4	$\mathcal{O}(0; \{4^{52}, 2^{26}\})$	2251799813685248
4	$\mathcal{O}(0; \{4^{54}, 2^{23}\})$	9007199254740992
4	$\mathcal{O}(0; \{4^{56}, 2^{20}\})$	36028797018963968
4	$\mathcal{O}(0; \{4^{58}, 2^{17}\})$	144115188075855872
4	$\mathcal{O}(0; \{4^{60}, 2^{14}\})$	576460752303423488
4	$\mathcal{O}(0; \{4^{62}, 2^{11}\})$	2305843009213693952
4	$\mathcal{O}(0; \{4^{64}, 2^8\})$	9223372036854775808
4	$\mathcal{O}(0; \{4^{66}, 2^5\})$	36893488147419103232
4	$\mathcal{O}(0; \{4^{68}, 2^2\})$	147573952589676412928
5	$\mathcal{O}(21; \emptyset)$	227373675443232059478759765624
5	$\mathcal{O}(19; \{5^5\})$	74214767664670944213867187500

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
5	$\mathcal{O}(17; \{5^{10}\})$	122070778161287307739257812500
5	$\mathcal{O}(15; \{5^{15}\})$	199999999254941940307617187500
5	$\mathcal{O}(13; \{5^{20}\})$	327680000001192092895507812500
5	$\mathcal{O}(11; \{5^{25}\})$	53687091199998092651367187500
5	$\mathcal{O}(9; \{5^{30}\})$	879609302220800003051757812500
5	$\mathcal{O}(7; \{5^{35}\})$	1441151880758558719995117187500
5	$\mathcal{O}(5; \{5^{40}\})$	2361183241434822606848007812500
5	$\mathcal{O}(3; \{5^{45}\})$	3868562622766813359059763187500
5	$\mathcal{O}(1; \{5^{50}\})$	6338253001141147007483516026900
6	$\mathcal{O}(17; \{3^2\})$	573023599882786500276886254
6	$\mathcal{O}(16; \{3^2, 2^4\})$	15917322219892801768783872
6	$\mathcal{O}(16; \{3^5\})$	79586611080933806955400950
6	$\mathcal{O}(16; \{6, 3^3, 2\})$	47751966659678405306351616
6	$\mathcal{O}(16; \{6^2, 3, 2^2\})$	15917322219892801768783872
6	$\mathcal{O}(16; \{6^4\})$	47751966659678405306351616
6	$\mathcal{O}(15; \{3^2, 2^8\})$	442147839441466715799552
6	$\mathcal{O}(15; \{3^5, 2^4\})$	2210739197207333578997760
6	$\mathcal{O}(15; \{3^8\})$	19012357078276431419240922
6	$\mathcal{O}(15; \{6, 3^3, 2^5\})$	1326443518324400147398656
6	$\mathcal{O}(15; \{6, 3^6, 2\})$	9285104628270801031790592
6	$\mathcal{O}(15; \{6^2, 3, 2^6\})$	442147839441466715799552
6	$\mathcal{O}(15; \{6^2, 3^4, 2^2\})$	4863626233856133873795072
6	$\mathcal{O}(15; \{6^3, 3^2, 2^3\})$	2210739197207333578997760
6	$\mathcal{O}(15; \{6^4, 2^4\})$	1326443518324400147398656
6	$\mathcal{O}(15; \{6^4, 3^3\})$	9285104628270801031790592
6	$\mathcal{O}(15; \{6^5, 3, 2\})$	4863626233856133873795072
6	$\mathcal{O}(14; \{3^2, 2^{12}\})$	12281884428929630994432
6	$\mathcal{O}(14; \{3^5, 2^8\})$	61409422144648154972160
6	$\mathcal{O}(14; \{3^8, 2^4\})$	528121030443974132760576
6	$\mathcal{O}(14; \{3^{11}\})$	4188122574663031714817910
6	$\mathcal{O}(14; \{6, 3^3, 2^9\})$	36845653286788892983296
6	$\mathcal{O}(14; \{6, 3^6, 2^5\})$	257919573007522250883072
6	$\mathcal{O}(14; \{6, 3^9, 2\})$	2100202237346966900047872
6	$\mathcal{O}(14; \{6^2, 3, 2^{10}\})$	12281884428929630994432
6	$\mathcal{O}(14; \{6^2, 3^4, 2^6\})$	135100728718225940938752
6	$\mathcal{O}(14; \{6^2, 3^7, 2^2\})$	1043960176459018634526720
6	$\mathcal{O}(14; \{6^3, 3^2, 2^7\})$	61409422144648154972160
6	$\mathcal{O}(14; \{6^3, 3^5, 2^3\})$	528121030443974132760576
6	$\mathcal{O}(14; \{6^4, 2^8\})$	36845653286788892983296
6	$\mathcal{O}(14; \{6^4, 3^3, 2^4\})$	257919573007522250883072
6	$\mathcal{O}(14; \{6^4, 3^6\})$	2100202237346966900047872
6	$\mathcal{O}(14; \{6^5, 3, 2^5\})$	135100728718225940938752
6	$\mathcal{O}(14; \{6^5, 3^4, 2\})$	1043960176459018634526720

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(14; \{6^6, 3^2, 2^2\})$	528121030443974132760576
6	$\mathcal{O}(14; \{6^7, 2^3\})$	257919573007522250883072
6	$\mathcal{O}(14; \{6^8, 3\})$	1043960176459018634526720
6	$\mathcal{O}(13; \{3^2, 2^{16}\})$	341163456359156416512
6	$\mathcal{O}(13; \{3^5, 2^{12}\})$	1705817281795782082560
6	$\mathcal{O}(13; \{3^8, 2^8\})$	14670028623443725910016
6	$\mathcal{O}(13; \{3^{11}, 2^4\})$	116336738618472338030592
6	$\mathcal{O}(13; \{3^{14}\})$	931717385433185019161274
6	$\mathcal{O}(13; \{6, 3^3, 2^{13}\})$	1023490369077469249536
6	$\mathcal{O}(13; \{6, 3^6, 2^9\})$	7164432583542284746752
6	$\mathcal{O}(13; \{6, 3^9, 2^5\})$	58338951037415747223552
6	$\mathcal{O}(13; \{6, 3^{12}, 2\})$	465688117930248508538880
6	$\mathcal{O}(13; \{6^2, 3, 2^{14}\})$	341163456359156416512
6	$\mathcal{O}(13; \{6^2, 3^4, 2^{10}\})$	3752798019950720581632
6	$\mathcal{O}(13; \{6^2, 3^7, 2^6\})$	28998893790528295403520
6	$\mathcal{O}(13; \{6^2, 3^{10}, 2^2\})$	233014640693303832477696
6	$\mathcal{O}(13; \{6^3, 3^2, 2^{11}\})$	1705817281795782082560
6	$\mathcal{O}(13; \{6^3, 3^5, 2^7\})$	14670028623443725910016
6	$\mathcal{O}(13; \{6^3, 3^8, 2^3\})$	116336738618472338030592
6	$\mathcal{O}(13; \{6^4, 2^{12}\})$	1023490369077469249536
6	$\mathcal{O}(13; \{6^4, 3^3, 2^8\})$	7164432583542284746752
6	$\mathcal{O}(13; \{6^4, 3^6, 2^4\})$	58338951037415747223552
6	$\mathcal{O}(13; \{6^4, 3^9\})$	465688117930248508538880
6	$\mathcal{O}(13; \{6^5, 3, 2^9\})$	3752798019950720581632
6	$\mathcal{O}(13; \{6^5, 3^4, 2^5\})$	28998893790528295403520
6	$\mathcal{O}(13; \{6^5, 3^7, 2\})$	233014640693303832477696
6	$\mathcal{O}(13; \{6^6, 3^2, 2^6\})$	14670028623443725910016
6	$\mathcal{O}(13; \{6^6, 3^5, 2^2\})$	116336738618472338030592
6	$\mathcal{O}(13; \{6^7, 2^7\})$	7164432583542284746752
6	$\mathcal{O}(13; \{6^7, 3^3, 2^3\})$	58338951037415747223552
6	$\mathcal{O}(13; \{6^8, 3, 2^4\})$	28998893790528295403520
6	$\mathcal{O}(13; \{6^8, 3^4\})$	233014640693303832477696
6	$\mathcal{O}(13; \{6^9, 3^2, 2\})$	116336738618472338030592
6	$\mathcal{O}(13; \{6^{10}, 2^2\})$	58338951037415747223552
6	$\mathcal{O}(12; \{3^2, 2^{20}\})$	9476762676643233792
6	$\mathcal{O}(12; \{3^5, 2^{16}\})$	47383813383216168960
6	$\mathcal{O}(12; \{3^8, 2^{12}\})$	407500795095659053056
6	$\mathcal{O}(12; \{3^{11}, 2^8\})$	3231576072735342723072
6	$\mathcal{O}(12; \{3^{14}, 2^4\})$	25881038869912671485952
6	$\mathcal{O}(12; \{3^{17}\})$	207019868331924993331350
6	$\mathcal{O}(12; \{6, 3^3, 2^{17}\})$	28430288029929701376
6	$\mathcal{O}(12; \{6, 3^6, 2^{13}\})$	199012016209507909632
6	$\mathcal{O}(12; \{6, 3^9, 2^9\})$	1620526417705992978432

Continued on next page

Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(12; \{6, 3^{12}, 2^5\})$	12935781053618014126080
6	$\mathcal{O}(12; \{6, 3^{15}, 2\})$	103514678716974042710016
6	$\mathcal{O}(12; \{6^2, 3, 2^{18}\})$	9476762676643233792
6	$\mathcal{O}(12; \{6^2, 3^4, 2^{14}\})$	104244389443075571712
6	$\mathcal{O}(12; \{6^2, 3^7, 2^{10}\})$	805524827514674872320
6	$\mathcal{O}(12; \{6^2, 3^{10}, 2^6\})$	6472628908147328679936
6	$\mathcal{O}(12; \{6^2, 3^{13}, 2^2\})$	51752600977148699738112
6	$\mathcal{O}(12; \{6^3, 3^2, 2^{15}\})$	47383813383216168960
6	$\mathcal{O}(12; \{6^3, 3^5, 2^{11}\})$	407500795095659053056
6	$\mathcal{O}(12; \{6^3, 3^8, 2^7\})$	3231576072735342723072
6	$\mathcal{O}(12; \{6^3, 3^{11}, 2^3\})$	25881038869912671485952
6	$\mathcal{O}(12; \{6^4, 2^{16}\})$	28430288029929701376
6	$\mathcal{O}(12; \{6^4, 3^3, 2^{12}\})$	199012016209507909632
6	$\mathcal{O}(12; \{6^4, 3^6, 2^8\})$	1620526417705992978432
6	$\mathcal{O}(12; \{6^4, 3^9, 2^4\})$	12935781053618014126080
6	$\mathcal{O}(12; \{6^4, 3^{12}\})$	103514678716974042710016
6	$\mathcal{O}(12; \{6^5, 3, 2^{13}\})$	104244389443075571712
6	$\mathcal{O}(12; \{6^5, 3^4, 2^9\})$	805524827514674872320
6	$\mathcal{O}(12; \{6^5, 3^7, 2^5\})$	6472628908147328679936
6	$\mathcal{O}(12; \{6^5, 3^{10}, 2\})$	51752600977148699738112
6	$\mathcal{O}(12; \{6^6, 3^2, 2^{10}\})$	407500795095659053056
6	$\mathcal{O}(12; \{6^6, 3^5, 2^6\})$	3231576072735342723072
6	$\mathcal{O}(12; \{6^6, 3^8, 2^2\})$	25881038869912671485952
6	$\mathcal{O}(12; \{6^7, 2^{11}\})$	199012016209507909632
6	$\mathcal{O}(12; \{6^7, 3^3, 2^7\})$	1620526417705992978432
6	$\mathcal{O}(12; \{6^7, 3^6, 2^3\})$	12935781053618014126080
6	$\mathcal{O}(12; \{6^8, 3, 2^8\})$	805524827514674872320
6	$\mathcal{O}(12; \{6^8, 3^4, 2^4\})$	6472628908147328679936
6	$\mathcal{O}(12; \{6^8, 3^7\})$	51752600977148699738112
6	$\mathcal{O}(12; \{6^9, 3^2, 2^5\})$	3231576072735342723072
6	$\mathcal{O}(12; \{6^9, 3^5, 2\})$	25881038869912671485952
6	$\mathcal{O}(12; \{6^{10}, 2^6\})$	1620526417705992978432
6	$\mathcal{O}(12; \{6^{10}, 3^3, 2^2\})$	12935781053618014126080
6	$\mathcal{O}(12; \{6^{11}, 3, 2^3\})$	6472628908147328679936
6	$\mathcal{O}(12; \{6^{12}, 3^2\})$	25881038869912671485952
6	$\mathcal{O}(12; \{6^{13}, 2\})$	12935781053618014126080
6	$\mathcal{O}(11; \{3^2, 2^{24}\})$	263243407684534272
6	$\mathcal{O}(11; \{3^3, 2^{20}\})$	1316217038422671360
6	$\mathcal{O}(11; \{3^8, 2^{16}\})$	11319466530434973696
6	$\mathcal{O}(11; \{3^{11}, 2^{12}\})$	89766002020426186752
6	$\mathcal{O}(11; \{3^{14}, 2^8\})$	718917746386463096832
6	$\mathcal{O}(11; \{3^{17}, 2^4\})$	5750552240868651171840
6	$\mathcal{O}(11; \{3^{20}\})$	46005196688676022082202

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(11; \{6, 3^3, 2^{21}\})$	789730223053602816
6	$\mathcal{O}(11; \{6, 3^6, 2^{17}\})$	5528111561375219712
6	$\mathcal{O}(11; \{6, 3^9, 2^{13}\})$	45014622714055360512
6	$\mathcal{O}(11; \{6, 3^{12}, 2^9\})$	359327251489389281280
6	$\mathcal{O}(11; \{6, 3^{15}, 2^5\})$	2875407742138167853056
6	$\mathcal{O}(11; \{6, 3^{18}, 2\})$	23002472206882289221632
6	$\mathcal{O}(11; \{6^2, 3, 2^{22}\})$	263243407684534272
6	$\mathcal{O}(11; \{6^2, 3^4, 2^{18}\})$	2895677484529876992
6	$\mathcal{O}(11; \{6^2, 3^7, 2^{14}\})$	22375689653185413120
6	$\mathcal{O}(11; \{6^2, 3^{10}, 2^{10}\})$	179795247448536907776
6	$\mathcal{O}(11; \{6^2, 3^{13}, 2^6\})$	1437572249365241659392
6	$\mathcal{O}(11; \{6^2, 3^{16}, 2^2\})$	11501367725144986877952
6	$\mathcal{O}(11; \{6^3, 3^2, 2^{19}\})$	1316217038422671360
6	$\mathcal{O}(11; \{6^3, 3^5, 2^{15}\})$	11319466530434973696
6	$\mathcal{O}(11; \{6^3, 3^8, 2^{11}\})$	89766002020426186752
6	$\mathcal{O}(11; \{6^3, 3^{11}, 2^7\})$	718917746386463096832
6	$\mathcal{O}(11; \{6^3, 3^{14}, 2^3\})$	5750552240868651171840
6	$\mathcal{O}(11; \{6^4, 2^{20}\})$	789730223053602816
6	$\mathcal{O}(11; \{6^4, 3^3, 2^{16}\})$	5528111561375219712
6	$\mathcal{O}(11; \{6^4, 3^6, 2^{12}\})$	45014622714055360512
6	$\mathcal{O}(11; \{6^4, 3^9, 2^8\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^4, 3^{12}, 2^4\})$	2875407742138167853056
6	$\mathcal{O}(11; \{6^4, 3^{15}\})$	23002472206882289221632
6	$\mathcal{O}(11; \{6^5, 3, 2^{17}\})$	2895677484529876992
6	$\mathcal{O}(11; \{6^5, 3^4, 2^{13}\})$	22375689653185413120
6	$\mathcal{O}(11; \{6^5, 3^7, 2^9\})$	179795247448536907776
6	$\mathcal{O}(11; \{6^5, 3^{10}, 2^5\})$	1437572249365241659392
6	$\mathcal{O}(11; \{6^5, 3^{13}, 2\})$	11501367725144986877952
6	$\mathcal{O}(11; \{6^6, 3^2, 2^{14}\})$	11319466530434973696
6	$\mathcal{O}(11; \{6^6, 3^5, 2^{10}\})$	89766002020426186752
6	$\mathcal{O}(11; \{6^6, 3^8, 2^6\})$	718917746386463096832
6	$\mathcal{O}(11; \{6^6, 3^{11}, 2^2\})$	5750552240868651171840
6	$\mathcal{O}(11; \{6^7, 2^{15}\})$	5528111561375219712
6	$\mathcal{O}(11; \{6^7, 3^3, 2^{11}\})$	45014622714055360512
6	$\mathcal{O}(11; \{6^7, 3^6, 2^7\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^7, 3^9, 2^3\})$	2875407742138167853056
6	$\mathcal{O}(11; \{6^8, 3, 2^{12}\})$	22375689653185413120
6	$\mathcal{O}(11; \{6^8, 3^4, 2^8\})$	179795247448536907776
6	$\mathcal{O}(11; \{6^8, 3^7, 2^4\})$	1437572249365241659392
6	$\mathcal{O}(11; \{6^8, 3^{10}\})$	11501367725144986877952
6	$\mathcal{O}(11; \{6^9, 3^2, 2^9\})$	89766002020426186752
6	$\mathcal{O}(11; \{6^9, 3^5, 2^5\})$	718917746386463096832
6	$\mathcal{O}(11; \{6^9, 3^8, 2\})$	5750552240868651171840

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(11; \{6^{10}, 2^{10}\})$	45014622714055360512
6	$\mathcal{O}(11; \{6^{10}, 3^3, 2^6\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^{10}, 3^6, 2^2\})$	2875407742138167853056
6	$\mathcal{O}(11; \{6^{11}, 3, 2^7\})$	179795247448536907776
6	$\mathcal{O}(11; \{6^{11}, 3^4, 2^3\})$	1437572249365241659392
6	$\mathcal{O}(11; \{6^{12}, 3^2, 2^4\})$	718917746386463096832
6	$\mathcal{O}(11; \{6^{12}, 3^5\})$	5750552240868651171840
6	$\mathcal{O}(11; \{6^{13}, 2^5\})$	359327251489389281280
6	$\mathcal{O}(11; \{6^{13}, 3^3, 2\})$	2875407742138167853056
6	$\mathcal{O}(11; \{6^{14}, 3, 2^2\})$	1437572249365241659392
6	$\mathcal{O}(11; \{6^{16}\})$	2875407742138167853056
6	$\mathcal{O}(10; \{3^2, 2^{28}\})$	7312316880125952
6	$\mathcal{O}(10; \{3^5, 2^{24}\})$	36561584400629760
6	$\mathcal{O}(10; \{3^8, 2^{20}\})$	314429625845415936
6	$\mathcal{O}(10; \{3^{11}, 2^{16}\})$	2493500056122949632
6	$\mathcal{O}(10; \{3^{14}, 2^{12}\})$	19969937399623974912
6	$\mathcal{O}(10; \{3^{17}, 2^8\})$	159737562246351421440
6	$\mathcal{O}(10; \{3^{20}, 2^4\})$	1277922434921451749376
6	$\mathcal{O}(10; \{3^{23}\})$	10223347792667457972150
6	$\mathcal{O}(10; \{6, 3^3, 2^{25}\})$	21936950640377856
6	$\mathcal{O}(10; \{6, 3^6, 2^{21}\})$	153558654482644992
6	$\mathcal{O}(10; \{6, 3^9, 2^{17}\})$	1250406186501537792
6	$\mathcal{O}(10; \{6, 3^{12}, 2^{13}\})$	9981312541371924480
6	$\mathcal{O}(10; \{6, 3^{15}, 2^9\})$	79872437281615773696
6	$\mathcal{O}(10; \{6, 3^{18}, 2^5\})$	638957561302285811712
6	$\mathcal{O}(10; \{6, 3^{21}, 2\})$	5111682427368926871552
6	$\mathcal{O}(10; \{6^2, 3, 2^{26}\})$	7312316880125952
6	$\mathcal{O}(10; \{6^2, 3^4, 2^{22}\})$	80435485681385472
6	$\mathcal{O}(10; \{6^2, 3^7, 2^{18}\})$	621546934810705920
6	$\mathcal{O}(10; \{6^2, 3^{10}, 2^{14}\})$	4994312429126025216
6	$\mathcal{O}(10; \{6^2, 3^{13}, 2^{10}\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^2, 3^{16}, 2^6\})$	319482436809582968832
6	$\mathcal{O}(10; \{6^2, 3^{19}, 2^2\})$	2555837557526023372800
6	$\mathcal{O}(10; \{6^3, 3^2, 2^{23}\})$	36561584400629760
6	$\mathcal{O}(10; \{6^3, 3^5, 2^{19}\})$	314429625845415936
6	$\mathcal{O}(10; \{6^3, 3^8, 2^{15}\})$	2493500056122949632
6	$\mathcal{O}(10; \{6^3, 3^{11}, 2^{11}\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^3, 3^{14}, 2^7\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^3, 3^{17}, 2^3\})$	1277922434921451749376
6	$\mathcal{O}(10; \{6^4, 2^{24}\})$	21936950640377856
6	$\mathcal{O}(10; \{6^4, 3^3, 2^{20}\})$	153558654482644992
6	$\mathcal{O}(10; \{6^4, 3^6, 2^{16}\})$	1250406186501537792
6	$\mathcal{O}(10; \{6^4, 3^9, 2^{12}\})$	9981312541371924480

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(10; \{6^4, 3^{12}, 2^8\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^4, 3^{15}, 2^4\})$	638957561302285811712
6	$\mathcal{O}(10; \{6^4, 3^{18}\})$	5111682427368926871552
6	$\mathcal{O}(10; \{6^5, 3, 2^{21}\})$	80435485681385472
6	$\mathcal{O}(10; \{6^5, 3^4, 2^{17}\})$	621546934810705920
6	$\mathcal{O}(10; \{6^5, 3^7, 2^{13}\})$	4994312429126025216
6	$\mathcal{O}(10; \{6^5, 3^{10}, 2^9\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^5, 3^{13}, 2^5\})$	319482436809582968832
6	$\mathcal{O}(10; \{6^5, 3^{16}, 2\})$	2555837557526023372800
6	$\mathcal{O}(10; \{6^6, 3^2, 2^{18}\})$	314429625845415936
6	$\mathcal{O}(10; \{6^6, 3^5, 2^{14}\})$	2493500056122949632
6	$\mathcal{O}(10; \{6^6, 3^8, 2^{10}\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^6, 3^{11}, 2^6\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^6, 3^{14}, 2^2\})$	1277922434921451749376
6	$\mathcal{O}(10; \{6^7, 2^{19}\})$	153558654482644992
6	$\mathcal{O}(10; \{6^7, 3^3, 2^{15}\})$	1250406186501537792
6	$\mathcal{O}(10; \{6^7, 3^6, 2^{11}\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^7, 3^9, 2^7\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^7, 3^{12}, 2^3\})$	638957561302285811712
6	$\mathcal{O}(10; \{6^8, 3, 2^{16}\})$	621546934810705920
6	$\mathcal{O}(10; \{6^8, 3^4, 2^{12}\})$	4994312429126025216
6	$\mathcal{O}(10; \{6^8, 3^7, 2^8\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^8, 3^{10}, 2^4\})$	319482436809582968832
6	$\mathcal{O}(10; \{6^8, 3^{13}\})$	2555837557526023372800
6	$\mathcal{O}(10; \{6^9, 3^2, 2^{13}\})$	2493500056122949632
6	$\mathcal{O}(10; \{6^9, 3^5, 2^9\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^9, 3^8, 2^5\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^9, 3^{11}, 2\})$	1277922434921451749376
6	$\mathcal{O}(10; \{6^{10}, 2^{14}\})$	1250406186501537792
6	$\mathcal{O}(10; \{6^{10}, 3^3, 2^{10}\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^{10}, 3^6, 2^6\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^{10}, 3^9, 2^2\})$	638957561302285811712
6	$\mathcal{O}(10; \{6^{11}, 3, 2^{11}\})$	4994312429126025216
6	$\mathcal{O}(10; \{6^{11}, 3^4, 2^7\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^{11}, 3^7, 2^3\})$	319482436809582968832
6	$\mathcal{O}(10; \{6^{12}, 3^2, 2^8\})$	19969937399623974912
6	$\mathcal{O}(10; \{6^{12}, 3^5, 2^4\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^{12}, 3^8\})$	1277922434921451749376
6	$\mathcal{O}(10; \{6^{13}, 2^9\})$	9981312541371924480
6	$\mathcal{O}(10; \{6^{13}, 3^3, 2^5\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^{13}, 3^6, 2\})$	638957561302285811712
6	$\mathcal{O}(10; \{6^{14}, 3, 2^6\})$	39932562482367823872
6	$\mathcal{O}(10; \{6^{14}, 3^4, 2^2\})$	319482436809582968832

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(10; \{6^{15}, 3^2, 2^3\})$	159737562246351421440
6	$\mathcal{O}(10; \{6^{16}, 2^4\})$	79872437281615773696
6	$\mathcal{O}(10; \{6^{16}, 3^3\})$	638957561302285811712
6	$\mathcal{O}(10; \{6^{17}, 3, 2\})$	319482436809582968832
6	$\mathcal{O}(9; \{3^2, 2^{32}\})$	203119913336832
6	$\mathcal{O}(9; \{3^5, 2^{28}\})$	1015599566684160
6	$\mathcal{O}(9; \{3^8, 2^{24}\})$	8734156273483776
6	$\mathcal{O}(9; \{3^{11}, 2^{20}\})$	69263890447859712
6	$\mathcal{O}(9; \{3^{14}, 2^{16}\})$	554720483322888192
6	$\mathcal{O}(9; \{3^{17}, 2^{12}\})$	4437154506843095040
6	$\mathcal{O}(9; \{3^{20}, 2^8\})$	35497845414484770816
6	$\mathcal{O}(9; \{3^{23}, 2^4\})$	283982153956138156032
6	$\mathcal{O}(9; \{3^{26}\})$	2271849174558951273594
6	$\mathcal{O}(9; \{6, 3^3, 2^{29}\})$	609359740010496
6	$\mathcal{O}(9; \{6, 3^6, 2^{25}\})$	4265518180073472
6	$\mathcal{O}(9; \{6, 3^9, 2^{21}\})$	34733505180598272
6	$\mathcal{O}(9; \{6, 3^{12}, 2^{17}\})$	277258681704775680
6	$\mathcal{O}(9; \{6, 3^{15}, 2^{13}\})$	2218678813378215936
6	$\mathcal{O}(9; \{6, 3^{18}, 2^9\})$	17748821147285716992
6	$\mathcal{O}(9; \{6, 3^{21}, 2^5\})$	141991178538025746432
6	$\mathcal{O}(9; \{6, 3^{24}, 2\})$	1135928818944465960960
6	$\mathcal{O}(9; \{6^2, 3, 2^{30}\})$	203119913336832
6	$\mathcal{O}(9; \{6^2, 3^4, 2^{26}\})$	2234319046705152
6	$\mathcal{O}(9; \{6^2, 3^7, 2^{22}\})$	17265192633630720
6	$\mathcal{O}(9; \{6^2, 3^{10}, 2^{18}\})$	138730900809056256
6	$\mathcal{O}(9; \{6^2, 3^{13}, 2^{14}\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^2, 3^{16}, 2^{10}\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^2, 3^{19}, 2^6\})$	70995487709056204800
6	$\mathcal{O}(9; \{6^2, 3^{22}, 2^2\})$	567964511032189648896
6	$\mathcal{O}(9; \{6^3, 3^2, 2^{27}\})$	1015599566684160
6	$\mathcal{O}(9; \{6^3, 3^5, 2^{23}\})$	8734156273483776
6	$\mathcal{O}(9; \{6^3, 3^8, 2^{19}\})$	69263890447859712
6	$\mathcal{O}(9; \{6^3, 3^{11}, 2^{15}\})$	554720483322888192
6	$\mathcal{O}(9; \{6^3, 3^{14}, 2^{11}\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^3, 3^{17}, 2^7\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^3, 3^{20}, 2^3\})$	283982153956138156032
6	$\mathcal{O}(9; \{6^4, 2^{28}\})$	609359740010496
6	$\mathcal{O}(9; \{6^4, 3^3, 2^{24}\})$	4265518180073472
6	$\mathcal{O}(9; \{6^4, 3^6, 2^{20}\})$	34733505180598272
6	$\mathcal{O}(9; \{6^4, 3^9, 2^{16}\})$	277258681704775680
6	$\mathcal{O}(9; \{6^4, 3^{12}, 2^{12}\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^4, 3^{15}, 2^8\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^4, 3^{18}, 2^4\})$	141991178538025746432

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(9; \{6^4, 3^{21}\})$	1135928818944465960960
6	$\mathcal{O}(9; \{6^5, 3, 2^{25}\})$	2234319046705152
6	$\mathcal{O}(9; \{6^5, 3^4, 2^{21}\})$	17265192633630720
6	$\mathcal{O}(9; \{6^5, 3^7, 2^{17}\})$	138730900809056256
6	$\mathcal{O}(9; \{6^5, 3^{10}, 2^{13}\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^5, 3^{13}, 2^9\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^5, 3^{16}, 2^5\})$	70995487709056204800
6	$\mathcal{O}(9; \{6^5, 3^{19}, 2\})$	567964511032189648896
6	$\mathcal{O}(9; \{6^6, 3^2, 2^{22}\})$	8734156273483776
6	$\mathcal{O}(9; \{6^6, 3^5, 2^{18}\})$	69263890447859712
6	$\mathcal{O}(9; \{6^6, 3^8, 2^{14}\})$	554720483322888192
6	$\mathcal{O}(9; \{6^6, 3^{11}, 2^{10}\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^6, 3^{14}, 2^6\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^6, 3^{17}, 2^2\})$	283982153956138156032
6	$\mathcal{O}(9; \{6^7, 2^{23}\})$	4265518180073472
6	$\mathcal{O}(9; \{6^7, 3^3, 2^{19}\})$	34733505180598272
6	$\mathcal{O}(9; \{6^7, 3^6, 2^{15}\})$	277258681704775680
6	$\mathcal{O}(9; \{6^7, 3^9, 2^{11}\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^7, 3^{12}, 2^7\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^7, 3^{15}, 2^3\})$	141991178538025746432
6	$\mathcal{O}(9; \{6^8, 3, 2^{20}\})$	17265192633630720
6	$\mathcal{O}(9; \{6^8, 3^4, 2^{16}\})$	138730900809056256
6	$\mathcal{O}(9; \{6^8, 3^7, 2^{12}\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^8, 3^{10}, 2^8\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^8, 3^{13}, 2^4\})$	70995487709056204800
6	$\mathcal{O}(9; \{6^8, 3^{16}\})$	567964511032189648896
6	$\mathcal{O}(9; \{6^9, 3^2, 2^{17}\})$	69263890447859712
6	$\mathcal{O}(9; \{6^9, 3^5, 2^{13}\})$	554720483322888192
6	$\mathcal{O}(9; \{6^9, 3^8, 2^9\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^9, 3^{11}, 2^5\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^9, 3^{14}, 2\})$	283982153956138156032
6	$\mathcal{O}(9; \{6^{10}, 2^{18}\})$	34733505180598272
6	$\mathcal{O}(9; \{6^{10}, 3^3, 2^{14}\})$	277258681704775680
6	$\mathcal{O}(9; \{6^{10}, 3^6, 2^{10}\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^{10}, 3^9, 2^6\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^{10}, 3^{12}, 2^2\})$	141991178538025746432
6	$\mathcal{O}(9; \{6^{11}, 3, 2^{15}\})$	138730900809056256
6	$\mathcal{O}(9; \{6^{11}, 3^4, 2^{11}\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^{11}, 3^7, 2^7\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^{11}, 3^{10}, 2^3\})$	70995487709056204800
6	$\mathcal{O}(9; \{6^{12}, 3^2, 2^{12}\})$	554720483322888192
6	$\mathcal{O}(9; \{6^{12}, 3^5, 2^8\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^{12}, 3^8, 2^4\})$	35497845414484770816

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(9; \{6^{12}, 3^{11}\})$	283982153956138156032
6	$\mathcal{O}(9; \{6^{13}, 2^{13}\})$	277258681704775680
6	$\mathcal{O}(9; \{6^{13}, 3^3, 2^9\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^{13}, 3^6, 2^5\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^{13}, 3^9, 2\})$	141991178538025746432
6	$\mathcal{O}(9; \{6^{14}, 3, 2^{10}\})$	1109237846732439552
6	$\mathcal{O}(9; \{6^{14}, 3^4, 2^6\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^{14}, 3^7, 2^2\})$	70995487709056204800
6	$\mathcal{O}(9; \{6^{15}, 3^2, 2^7\})$	4437154506843095040
6	$\mathcal{O}(9; \{6^{15}, 3^5, 2^3\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^{16}, 2^8\})$	2218678813378215936
6	$\mathcal{O}(9; \{6^{16}, 3^3, 2^4\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^{16}, 3^6\})$	141991178538025746432
6	$\mathcal{O}(9; \{6^{17}, 3, 2^5\})$	8874512133599526912
6	$\mathcal{O}(9; \{6^{17}, 3^4, 2\})$	70995487709056204800
6	$\mathcal{O}(9; \{6^{18}, 3^2, 2^2\})$	35497845414484770816
6	$\mathcal{O}(9; \{6^{19}, 2^3\})$	17748821147285716992
6	$\mathcal{O}(9; \{6^{20}, 3\})$	70995487709056204800
6	$\mathcal{O}(8; \{3^2, 2^{36}\})$	5642219814912
6	$\mathcal{O}(8; \{3^5, 2^{32}\})$	28211099074560
6	$\mathcal{O}(8; \{3^8, 2^{28}\})$	242615452041216
6	$\mathcal{O}(8; \{3^{11}, 2^{24}\})$	1923996956884992
6	$\mathcal{O}(8; \{3^{14}, 2^{20}\})$	15408902314524672
6	$\mathcal{O}(8; \{3^{17}, 2^{16}\})$	123254291856752640
6	$\mathcal{O}(8; \{3^{20}, 2^{12}\})$	986051261513465856
6	$\mathcal{O}(8; \{3^{23}, 2^8\})$	7888393165448282112
6	$\mathcal{O}(8; \{3^{26}, 2^4\})$	63107162250245701632
6	$\mathcal{O}(8; \{3^{29}\})$	504849577564547572950
6	$\mathcal{O}(8; \{6, 3^3, 2^{33}\})$	16926659444736
6	$\mathcal{O}(8; \{6, 3^6, 2^{29}\})$	118486616113152
6	$\mathcal{O}(8; \{6, 3^9, 2^{25}\})$	964819588349952
6	$\mathcal{O}(8; \{6, 3^{12}, 2^{21}\})$	7701630047354880
6	$\mathcal{O}(8; \{6, 3^{15}, 2^{17}\})$	61629967038283776
6	$\mathcal{O}(8; \{6, 3^{18}, 2^{13}\})$	493022809646825472
6	$\mathcal{O}(8; \{6, 3^{21}, 2^9\})$	3944199403834048512
6	$\mathcal{O}(8; \{6, 3^{24}, 2^5\})$	31553578304012943360
6	$\mathcal{O}(8; \{6, 3^{27}, 2\})$	252428643358762991616
6	$\mathcal{O}(8; \{6^2, 3, 2^{34}\})$	5642219814912
6	$\mathcal{O}(8; \{6^2, 3^4, 2^{30}\})$	62064417964032
6	$\mathcal{O}(8; \{6^2, 3^7, 2^{26}\})$	479588684267520
6	$\mathcal{O}(8; \{6^2, 3^{10}, 2^{22}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^2, 3^{13}, 2^{18}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^2, 3^{16}, 2^{14}\})$	246514225933320192

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(8; \{6^2, 3^{19}, 2^{10}\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^2, 3^{22}, 2^6\})$	15776791973116379136
6	$\mathcal{O}(8; \{6^2, 3^{25}, 2^2\})$	126214318858271588352
6	$\mathcal{O}(8; \{6^3, 3^2, 2^{31}\})$	28211099074560
6	$\mathcal{O}(8; \{6^3, 3^5, 2^{27}\})$	242615452041216
6	$\mathcal{O}(8; \{6^3, 3^8, 2^{23}\})$	1923996956884992
6	$\mathcal{O}(8; \{6^3, 3^{11}, 2^{19}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^3, 3^{14}, 2^{15}\})$	123254291856752640
6	$\mathcal{O}(8; \{6^3, 3^{17}, 2^{11}\})$	986051261513465856
6	$\mathcal{O}(8; \{6^3, 3^{20}, 2^7\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^3, 3^{23}, 2^3\})$	63107162250245701632
6	$\mathcal{O}(8; \{6^4, 2^{32}\})$	16926659444736
6	$\mathcal{O}(8; \{6^4, 3^3, 2^{28}\})$	118486616113152
6	$\mathcal{O}(8; \{6^4, 3^6, 2^{24}\})$	964819588349952
6	$\mathcal{O}(8; \{6^4, 3^9, 2^{20}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^4, 3^{12}, 2^{16}\})$	61629967038283776
6	$\mathcal{O}(8; \{6^4, 3^{15}, 2^{12}\})$	493022809646825472
6	$\mathcal{O}(8; \{6^4, 3^{18}, 2^8\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^4, 3^{21}, 2^4\})$	31553578304012943360
6	$\mathcal{O}(8; \{6^4, 3^{24}\})$	252428643358762991616
6	$\mathcal{O}(8; \{6^5, 3, 2^{29}\})$	62064417964032
6	$\mathcal{O}(8; \{6^5, 3^4, 2^{25}\})$	479588684267520
6	$\mathcal{O}(8; \{6^5, 3^7, 2^{21}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^5, 3^{10}, 2^{17}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^5, 3^{13}, 2^{13}\})$	246514225933320192
6	$\mathcal{O}(8; \{6^5, 3^{16}, 2^9\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^5, 3^{19}, 2^5\})$	15776791973116379136
6	$\mathcal{O}(8; \{6^5, 3^{22}, 2\})$	126214318858271588352
6	$\mathcal{O}(8; \{6^6, 3^2, 2^{26}\})$	242615452041216
6	$\mathcal{O}(8; \{6^6, 3^5, 2^{22}\})$	1923996956884992
6	$\mathcal{O}(8; \{6^6, 3^8, 2^{18}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^6, 3^{11}, 2^{14}\})$	123254291856752640
6	$\mathcal{O}(8; \{6^6, 3^{14}, 2^{10}\})$	986051261513465856
6	$\mathcal{O}(8; \{6^6, 3^{17}, 2^6\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^6, 3^{20}, 2^2\})$	63107162250245701632
6	$\mathcal{O}(8; \{6^7, 2^{27}\})$	118486616113152
6	$\mathcal{O}(8; \{6^7, 3^3, 2^{23}\})$	964819588349952
6	$\mathcal{O}(8; \{6^7, 3^6, 2^{19}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^7, 3^9, 2^{15}\})$	61629967038283776
6	$\mathcal{O}(8; \{6^7, 3^{12}, 2^{11}\})$	493022809646825472
6	$\mathcal{O}(8; \{6^7, 3^{15}, 2^7\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^7, 3^{18}, 2^3\})$	31553578304012943360
6	$\mathcal{O}(8; \{6^8, 3, 2^{24}\})$	479588684267520

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(8; \{6^8, 3^4, 2^{20}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^8, 3^7, 2^{16}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^8, 3^{10}, 2^{12}\})$	246514225933320192
6	$\mathcal{O}(8; \{6^8, 3^{13}, 2^8\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^8, 3^{16}, 2^4\})$	15776791973116379136
6	$\mathcal{O}(8; \{6^8, 3^{19}\})$	126214318858271588352
6	$\mathcal{O}(8; \{6^9, 3^2, 2^{21}\})$	1923996956884992
6	$\mathcal{O}(8; \{6^9, 3^5, 2^{17}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^9, 3^8, 2^{13}\})$	123254291856752640
6	$\mathcal{O}(8; \{6^9, 3^{11}, 2^9\})$	986051261513465856
6	$\mathcal{O}(8; \{6^9, 3^{14}, 2^5\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^9, 3^{17}, 2\})$	63107162250245701632
6	$\mathcal{O}(8; \{6^{10}, 2^{22}\})$	964819588349952
6	$\mathcal{O}(8; \{6^{10}, 3^3, 2^{18}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^{10}, 3^6, 2^{14}\})$	61629967038283776
6	$\mathcal{O}(8; \{6^{10}, 3^9, 2^{10}\})$	493022809646825472
6	$\mathcal{O}(8; \{6^{10}, 3^{12}, 2^6\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^{10}, 3^{15}, 2^2\})$	31553578304012943360
6	$\mathcal{O}(8; \{6^{11}, 3, 2^{19}\})$	3853636133584896
6	$\mathcal{O}(8; \{6^{11}, 3^4, 2^{15}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^{11}, 3^7, 2^{11}\})$	246514225933320192
6	$\mathcal{O}(8; \{6^{11}, 3^{10}, 2^7\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^{11}, 3^{13}, 2^3\})$	15776791973116379136
6	$\mathcal{O}(8; \{6^{12}, 3^2, 2^{16}\})$	15408902314524672
6	$\mathcal{O}(8; \{6^{12}, 3^5, 2^{12}\})$	123254291856752640
6	$\mathcal{O}(8; \{6^{12}, 3^8, 2^8\})$	986051261513465856
6	$\mathcal{O}(8; \{6^{12}, 3^{11}, 2^4\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^{12}, 3^{14}\})$	63107162250245701632
6	$\mathcal{O}(8; \{6^{13}, 2^{17}\})$	7701630047354880
6	$\mathcal{O}(8; \{6^{13}, 3^3, 2^{13}\})$	61629967038283776
6	$\mathcal{O}(8; \{6^{13}, 3^6, 2^9\})$	493022809646825472
6	$\mathcal{O}(8; \{6^{13}, 3^9, 2^5\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^{13}, 3^{12}, 2\})$	31553578304012943360
6	$\mathcal{O}(8; \{6^{14}, 3, 2^{14}\})$	30812162409234432
6	$\mathcal{O}(8; \{6^{14}, 3^4, 2^{10}\})$	246514225933320192
6	$\mathcal{O}(8; \{6^{14}, 3^7, 2^6\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^{14}, 3^{10}, 2^2\})$	15776791973116379136
6	$\mathcal{O}(8; \{6^{15}, 3^2, 2^{11}\})$	123254291856752640
6	$\mathcal{O}(8; \{6^{15}, 3^5, 2^7\})$	986051261513465856
6	$\mathcal{O}(8; \{6^{15}, 3^8, 2^3\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^{16}, 2^{12}\})$	61629967038283776
6	$\mathcal{O}(8; \{6^{16}, 3^3, 2^8\})$	493022809646825472
6	$\mathcal{O}(8; \{6^{16}, 3^6, 2^4\})$	3944199403834048512

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(8; \{6^{16}, 3^9\})$	31553578304012943360
6	$\mathcal{O}(8; \{6^{17}, 3, 2^9\})$	246514225933320192
6	$\mathcal{O}(8; \{6^{17}, 3^4, 2^5\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^{17}, 3^7, 2\})$	15776791973116379136
6	$\mathcal{O}(8; \{6^{18}, 3^2, 2^6\})$	986051261513465856
6	$\mathcal{O}(8; \{6^{18}, 3^5, 2^2\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^{19}, 2^7\})$	493022809646825472
6	$\mathcal{O}(8; \{6^{19}, 3^3, 2^3\})$	3944199403834048512
6	$\mathcal{O}(8; \{6^{20}, 3, 2^4\})$	1972096880807116800
6	$\mathcal{O}(8; \{6^{20}, 3^4\})$	15776791973116379136
6	$\mathcal{O}(8; \{6^{21}, 3^2, 2\})$	7888393165448282112
6	$\mathcal{O}(8; \{6^{22}, 2^2\})$	3944199403834048512
6	$\mathcal{O}(7; \{3^2, 2^{40}\})$	156728328192
6	$\mathcal{O}(7; \{3^5, 2^{36}\})$	783641640960
6	$\mathcal{O}(7; \{3^8, 2^{32}\})$	6739318112256
6	$\mathcal{O}(7; \{3^{11}, 2^{28}\})$	53444359913472
6	$\mathcal{O}(7; \{3^{14}, 2^{24}\})$	428025064292352
6	$\mathcal{O}(7; \{3^{17}, 2^{20}\})$	3423730329354240
6	$\mathcal{O}(7; \{3^{20}, 2^{16}\})$	27390312819818496
6	$\mathcal{O}(7; \{3^{23}, 2^{12}\})$	219122032373563392
6	$\mathcal{O}(7; \{3^{26}, 2^8\})$	1752976729173491712
6	$\mathcal{O}(7; \{3^{29}, 2^4\})$	14023813363202949120
6	$\mathcal{O}(7; \{3^{32}\})$	112183659810661128282
6	$\mathcal{O}(7; \{6, 3^3, 2^{37}\})$	470184984576
6	$\mathcal{O}(7; \{6, 3^6, 2^{33}\})$	3291294892032
6	$\mathcal{O}(7; \{6, 3^9, 2^{29}\})$	26800544120832
6	$\mathcal{O}(7; \{6, 3^{12}, 2^{25}\})$	213934167982080
6	$\mathcal{O}(7; \{6, 3^{15}, 2^{21}\})$	1711943528841216
6	$\mathcal{O}(7; \{6, 3^{18}, 2^{17}\})$	13695078045745152
6	$\mathcal{O}(7; \{6, 3^{21}, 2^{13}\})$	109561094550945792
6	$\mathcal{O}(7; \{6, 3^{24}, 2^9\})$	876488286222581760
6	$\mathcal{O}(7; \{6, 3^{27}, 2^5\})$	7011906759965638656
6	$\mathcal{O}(7; \{6, 3^{30}, 2\})$	56095253609540124672
6	$\mathcal{O}(7; \{6^2, 3, 2^{38}\})$	156728328192
6	$\mathcal{O}(7; \{6^2, 3^4, 2^{34}\})$	1724011610112
6	$\mathcal{O}(7; \{6^2, 3^7, 2^{30}\})$	13321907896320
6	$\mathcal{O}(7; \{6^2, 3^{10}, 2^{26}\})$	107045448155136
6	$\mathcal{O}(7; \{6^2, 3^{13}, 2^{22}\})$	855893400256512
6	$\mathcal{O}(7; \{6^2, 3^{16}, 2^{18}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^2, 3^{19}, 2^{14}\})$	54780468911308800
6	$\mathcal{O}(7; \{6^2, 3^{22}, 2^{10}\})$	438244221475454976
6	$\mathcal{O}(7; \{6^2, 3^{25}, 2^6\})$	3505953301618655232
6	$\mathcal{O}(7; \{6^2, 3^{28}, 2^2\})$	28047626883134226432

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{6^3, 3^2, 2^{35}\})$	783641640960
6	$\mathcal{O}(7; \{6^3, 3^5, 2^{31}\})$	6739318112256
6	$\mathcal{O}(7; \{6^3, 3^8, 2^{27}\})$	53444359913472
6	$\mathcal{O}(7; \{6^3, 3^{11}, 2^{23}\})$	428025064292352
6	$\mathcal{O}(7; \{6^3, 3^{14}, 2^{19}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^3, 3^{17}, 2^{15}\})$	27390312819818496
6	$\mathcal{O}(7; \{6^3, 3^{20}, 2^{11}\})$	219122032373563392
6	$\mathcal{O}(7; \{6^3, 3^{23}, 2^7\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^3, 3^{26}, 2^3\})$	14023813363202949120
6	$\mathcal{O}(7; \{6^4, 2^{36}\})$	470184984576
6	$\mathcal{O}(7; \{6^4, 3^3, 2^{32}\})$	3291294892032
6	$\mathcal{O}(7; \{6^4, 3^6, 2^{28}\})$	26800544120832
6	$\mathcal{O}(7; \{6^4, 3^9, 2^{24}\})$	213934167982080
6	$\mathcal{O}(7; \{6^4, 3^{12}, 2^{20}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^4, 3^{15}, 2^{16}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^4, 3^{18}, 2^{12}\})$	109561094550945792
6	$\mathcal{O}(7; \{6^4, 3^{21}, 2^8\})$	876488286222581760
6	$\mathcal{O}(7; \{6^4, 3^{24}, 2^4\})$	7011906759965638656
6	$\mathcal{O}(7; \{6^4, 3^{27}\})$	56095253609540124672
6	$\mathcal{O}(7; \{6^5, 3, 2^{33}\})$	1724011610112
6	$\mathcal{O}(7; \{6^5, 3^4, 2^{29}\})$	13321907896320
6	$\mathcal{O}(7; \{6^5, 3^7, 2^{25}\})$	107045448155136
6	$\mathcal{O}(7; \{6^5, 3^{10}, 2^{21}\})$	855893400256512
6	$\mathcal{O}(7; \{6^5, 3^{13}, 2^{17}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^5, 3^{16}, 2^{13}\})$	54780468911308800
6	$\mathcal{O}(7; \{6^5, 3^{19}, 2^9\})$	438244221475454976
6	$\mathcal{O}(7; \{6^5, 3^{22}, 2^5\})$	3505953301618655232
6	$\mathcal{O}(7; \{6^5, 3^{25}, 2\})$	28047626883134226432
6	$\mathcal{O}(7; \{6^6, 3^2, 2^{30}\})$	6739318112256
6	$\mathcal{O}(7; \{6^6, 3^5, 2^{26}\})$	53444359913472
6	$\mathcal{O}(7; \{6^6, 3^8, 2^{22}\})$	428025064292352
6	$\mathcal{O}(7; \{6^6, 3^{11}, 2^{18}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^6, 3^{14}, 2^{14}\})$	27390312819818496
6	$\mathcal{O}(7; \{6^6, 3^{17}, 2^{10}\})$	219122032373563392
6	$\mathcal{O}(7; \{6^6, 3^{20}, 2^6\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^6, 3^{23}, 2^2\})$	14023813363202949120
6	$\mathcal{O}(7; \{6^7, 2^{31}\})$	3291294892032
6	$\mathcal{O}(7; \{6^7, 3^3, 2^{27}\})$	26800544120832
6	$\mathcal{O}(7; \{6^7, 3^6, 2^{23}\})$	213934167982080
6	$\mathcal{O}(7; \{6^7, 3^9, 2^{19}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^7, 3^{12}, 2^{15}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^7, 3^{15}, 2^{11}\})$	109561094550945792
6	$\mathcal{O}(7; \{6^7, 3^{18}, 2^7\})$	876488286222581760

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{6^7, 3^{21}, 2^3\})$	7011906759965638656
6	$\mathcal{O}(7; \{6^8, 3, 2^{28}\})$	13321907896320
6	$\mathcal{O}(7; \{6^8, 3^4, 2^{24}\})$	107045448155136
6	$\mathcal{O}(7; \{6^8, 3^7, 2^{20}\})$	855893400256512
6	$\mathcal{O}(7; \{6^8, 3^{10}, 2^{16}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^8, 3^{13}, 2^{12}\})$	54780468911308800
6	$\mathcal{O}(7; \{6^8, 3^{16}, 2^8\})$	438244221475454976
6	$\mathcal{O}(7; \{6^8, 3^{19}, 2^4\})$	3505953301618655232
6	$\mathcal{O}(7; \{6^8, 3^{22}\})$	28047626883134226432
6	$\mathcal{O}(7; \{6^9, 3^2, 2^{25}\})$	53444359913472
6	$\mathcal{O}(7; \{6^9, 3^5, 2^{21}\})$	428025064292352
6	$\mathcal{O}(7; \{6^9, 3^8, 2^{17}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^9, 3^{11}, 2^{13}\})$	27390312819818496
6	$\mathcal{O}(7; \{6^9, 3^{14}, 2^9\})$	219122032373563392
6	$\mathcal{O}(7; \{6^9, 3^{17}, 2^5\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^9, 3^{20}, 2\})$	14023813363202949120
6	$\mathcal{O}(7; \{6^{10}, 2^{26}\})$	26800544120832
6	$\mathcal{O}(7; \{6^{10}, 3^3, 2^{22}\})$	213934167982080
6	$\mathcal{O}(7; \{6^{10}, 3^6, 2^{18}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^{10}, 3^9, 2^{14}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^{10}, 3^{12}, 2^{10}\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{10}, 3^{15}, 2^6\})$	876488286222581760
6	$\mathcal{O}(7; \{6^{10}, 3^{18}, 2^2\})$	7011906759965638656
6	$\mathcal{O}(7; \{6^{11}, 3, 2^{23}\})$	107045448155136
6	$\mathcal{O}(7; \{6^{11}, 3^4, 2^{19}\})$	855893400256512
6	$\mathcal{O}(7; \{6^{11}, 3^7, 2^{15}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^{11}, 3^{10}, 2^{11}\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{11}, 3^{13}, 2^7\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{11}, 3^{16}, 2^3\})$	3505953301618655232
6	$\mathcal{O}(7; \{6^{12}, 3^2, 2^{20}\})$	428025064292352
6	$\mathcal{O}(7; \{6^{12}, 3^5, 2^{16}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^{12}, 3^8, 2^{12}\})$	27390312819818496
6	$\mathcal{O}(7; \{6^{12}, 3^{11}, 2^8\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{12}, 3^{14}, 2^4\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^{12}, 3^{17}\})$	14023813363202949120
6	$\mathcal{O}(7; \{6^{13}, 2^{21}\})$	213934167982080
6	$\mathcal{O}(7; \{6^{13}, 3^3, 2^{17}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^{13}, 3^6, 2^{13}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^{13}, 3^9, 2^9\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{13}, 3^{12}, 2^5\})$	876488286222581760
6	$\mathcal{O}(7; \{6^{13}, 3^{15}, 2\})$	7011906759965638656
6	$\mathcal{O}(7; \{6^{14}, 3, 2^{18}\})$	855893400256512
6	$\mathcal{O}(7; \{6^{14}, 3^4, 2^{14}\})$	6847617387036672

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(7; \{6^{14}, 3^7, 2^{10}\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{14}, 3^{10}, 2^6\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{14}, 3^{13}, 2^2\})$	3505953301618655232
6	$\mathcal{O}(7; \{6^{15}, 3^2, 2^{15}\})$	3423730329354240
6	$\mathcal{O}(7; \{6^{15}, 3^5, 2^{11}\})$	27390312819818496
6	$\mathcal{O}(7; \{6^{15}, 3^8, 2^7\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{15}, 3^{11}, 2^3\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^{16}, 2^{16}\})$	1711943528841216
6	$\mathcal{O}(7; \{6^{16}, 3^3, 2^{12}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^{16}, 3^6, 2^8\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{16}, 3^9, 2^4\})$	876488286222581760
6	$\mathcal{O}(7; \{6^{16}, 3^{12}\})$	7011906759965638656
6	$\mathcal{O}(7; \{6^{17}, 3, 2^{13}\})$	6847617387036672
6	$\mathcal{O}(7; \{6^{17}, 3^4, 2^9\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{17}, 3^7, 2^5\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{17}, 3^{10}, 2\})$	3505953301618655232
6	$\mathcal{O}(7; \{6^{18}, 3^2, 2^{10}\})$	27390312819818496
6	$\mathcal{O}(7; \{6^{18}, 3^5, 2^6\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{18}, 3^8, 2^2\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^{19}, 2^{11}\})$	13695078045745152
6	$\mathcal{O}(7; \{6^{19}, 3^3, 2^7\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{19}, 3^6, 2^3\})$	876488286222581760
6	$\mathcal{O}(7; \{6^{20}, 3, 2^8\})$	54780468911308800
6	$\mathcal{O}(7; \{6^{20}, 3^4, 2^4\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{20}, 3^7\})$	3505953301618655232
6	$\mathcal{O}(7; \{6^{21}, 3^2, 2^5\})$	219122032373563392
6	$\mathcal{O}(7; \{6^{21}, 3^5, 2\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^{22}, 2^6\})$	109561094550945792
6	$\mathcal{O}(7; \{6^{22}, 3^3, 2^2\})$	876488286222581760
6	$\mathcal{O}(7; \{6^{23}, 3, 2^3\})$	438244221475454976
6	$\mathcal{O}(7; \{6^{24}, 3^2\})$	1752976729173491712
6	$\mathcal{O}(7; \{6^{25}, 2\})$	876488286222581760
6	$\mathcal{O}(6; \{3^2, 2^{44}\})$	4353564672
6	$\mathcal{O}(6; \{3^5, 2^{40}\})$	21767823360
6	$\mathcal{O}(6; \{3^8, 2^{36}\})$	187203280896
6	$\mathcal{O}(6; \{3^{11}, 2^{32}\})$	1484565553152
6	$\mathcal{O}(6; \{3^{14}, 2^{28}\})$	11889585119232
6	$\mathcal{O}(6; \{3^{17}, 2^{24}\})$	95103620259840
6	$\mathcal{O}(6; \{3^{20}, 2^{20}\})$	760842022772736
6	$\mathcal{O}(6; \{3^{23}, 2^{16}\})$	6086723121487872
6	$\mathcal{O}(6; \{3^{26}, 2^{12}\})$	48693798032596992
6	$\mathcal{O}(6; \{3^{29}, 2^8\})$	389550371200081920
6	$\mathcal{O}(6; \{3^{32}, 2^4\})$	3116402982661349376

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{3^{35}\})$	24925137123657779190
6	$\mathcal{O}(6; \{6, 3^3, 2^{41}\})$	13060694016
6	$\mathcal{O}(6; \{6, 3^6, 2^{37}\})$	91424858112
6	$\mathcal{O}(6; \{6, 3^9, 2^{33}\})$	744459558912
6	$\mathcal{O}(6; \{6, 3^{12}, 2^{29}\})$	5942615777280
6	$\mathcal{O}(6; \{6, 3^{15}, 2^{25}\})$	47553986912256
6	$\mathcal{O}(6; \{6, 3^{18}, 2^{21}\})$	380418834604032
6	$\mathcal{O}(6; \{6, 3^{21}, 2^{17}\})$	3043363737526272
6	$\mathcal{O}(6; \{6, 3^{24}, 2^{13}\})$	24346896839516160
6	$\mathcal{O}(6; \{6, 3^{27}, 2^9\})$	194775187776823296
6	$\mathcal{O}(6; \{6, 3^{30}, 2^5\})$	1558201489153892352
6	$\mathcal{O}(6; \{6, 3^{33}, 2\})$	12465611926291832832
6	$\mathcal{O}(6; \{6^2, 3, 2^{42}\})$	4353564672
6	$\mathcal{O}(6; \{6^2, 3^4, 2^{38}\})$	47889211392
6	$\mathcal{O}(6; \{6^2, 3^7, 2^{34}\})$	370052997120
6	$\mathcal{O}(6; \{6^2, 3^{10}, 2^{30}\})$	2973484670976
6	$\mathcal{O}(6; \{6^2, 3^{13}, 2^{26}\})$	23774816673792
6	$\mathcal{O}(6; \{6^2, 3^{16}, 2^{22}\})$	190211594084352
6	$\mathcal{O}(6; \{6^2, 3^{19}, 2^{18}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^2, 3^{22}, 2^{14}\})$	12173450596540416
6	$\mathcal{O}(6; \{6^2, 3^{25}, 2^{10}\})$	97387591711629312
6	$\mathcal{O}(6; \{6^2, 3^{28}, 2^6\})$	779100746753728512
6	$\mathcal{O}(6; \{6^2, 3^{31}, 2^2\})$	6232805960969134080
6	$\mathcal{O}(6; \{6^3, 3^2, 2^{39}\})$	21767823360
6	$\mathcal{O}(6; \{6^3, 3^5, 2^{35}\})$	187203280896
6	$\mathcal{O}(6; \{6^3, 3^8, 2^{31}\})$	1484565553152
6	$\mathcal{O}(6; \{6^3, 3^{11}, 2^{27}\})$	11889585119232
6	$\mathcal{O}(6; \{6^3, 3^{14}, 2^{23}\})$	95103620259840
6	$\mathcal{O}(6; \{6^3, 3^{17}, 2^{19}\})$	760842022772736
6	$\mathcal{O}(6; \{6^3, 3^{20}, 2^{15}\})$	6086723121487872
6	$\mathcal{O}(6; \{6^3, 3^{23}, 2^{11}\})$	48693798032596992
6	$\mathcal{O}(6; \{6^3, 3^{26}, 2^7\})$	389550371200081920
6	$\mathcal{O}(6; \{6^3, 3^{29}, 2^3\})$	3116402982661349376
6	$\mathcal{O}(6; \{6^4, 2^{40}\})$	13060694016
6	$\mathcal{O}(6; \{6^4, 3^3, 2^{36}\})$	91424858112
6	$\mathcal{O}(6; \{6^4, 3^6, 2^{32}\})$	744459558912
6	$\mathcal{O}(6; \{6^4, 3^9, 2^{28}\})$	5942615777280
6	$\mathcal{O}(6; \{6^4, 3^{12}, 2^{24}\})$	47553986912256
6	$\mathcal{O}(6; \{6^4, 3^{15}, 2^{20}\})$	380418834604032
6	$\mathcal{O}(6; \{6^4, 3^{18}, 2^{16}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^4, 3^{21}, 2^{12}\})$	24346896839516160
6	$\mathcal{O}(6; \{6^4, 3^{24}, 2^8\})$	194775187776823296
6	$\mathcal{O}(6; \{6^4, 3^{27}, 2^4\})$	1558201489153892352

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{6^4, 3^{30}\})$	12465611926291832832
6	$\mathcal{O}(6; \{6^5, 3, 2^{37}\})$	47889211392
6	$\mathcal{O}(6; \{6^5, 3^4, 2^{33}\})$	370052997120
6	$\mathcal{O}(6; \{6^5, 3^7, 2^{29}\})$	2973484670976
6	$\mathcal{O}(6; \{6^5, 3^{10}, 2^{25}\})$	23774816673792
6	$\mathcal{O}(6; \{6^5, 3^{13}, 2^{21}\})$	190211594084352
6	$\mathcal{O}(6; \{6^5, 3^{16}, 2^{17}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^5, 3^{19}, 2^{13}\})$	12173450596540416
6	$\mathcal{O}(6; \{6^5, 3^{22}, 2^9\})$	97387591711629312
6	$\mathcal{O}(6; \{6^5, 3^{25}, 2^5\})$	779100746753728512
6	$\mathcal{O}(6; \{6^5, 3^{28}, 2\})$	6232805960969134080
6	$\mathcal{O}(6; \{6^6, 3^2, 2^{34}\})$	187203280896
6	$\mathcal{O}(6; \{6^6, 3^5, 2^{30}\})$	1484565553152
6	$\mathcal{O}(6; \{6^6, 3^8, 2^{26}\})$	11889585119232
6	$\mathcal{O}(6; \{6^6, 3^{11}, 2^{22}\})$	95103620259840
6	$\mathcal{O}(6; \{6^6, 3^{14}, 2^{18}\})$	760842022772736
6	$\mathcal{O}(6; \{6^6, 3^{17}, 2^{14}\})$	6086723121487872
6	$\mathcal{O}(6; \{6^6, 3^{20}, 2^{10}\})$	48693798032596992
6	$\mathcal{O}(6; \{6^6, 3^{23}, 2^6\})$	389550371200081920
6	$\mathcal{O}(6; \{6^6, 3^{26}, 2^2\})$	3116402982661349376
6	$\mathcal{O}(6; \{6^7, 2^{35}\})$	91424858112
6	$\mathcal{O}(6; \{6^7, 3^3, 2^{31}\})$	744459558912
6	$\mathcal{O}(6; \{6^7, 3^6, 2^{27}\})$	5942615777280
6	$\mathcal{O}(6; \{6^7, 3^9, 2^{23}\})$	47553986912256
6	$\mathcal{O}(6; \{6^7, 3^{12}, 2^{19}\})$	380418834604032
6	$\mathcal{O}(6; \{6^7, 3^{15}, 2^{15}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^7, 3^{18}, 2^{11}\})$	24346896839516160
6	$\mathcal{O}(6; \{6^7, 3^{21}, 2^7\})$	19477518776823296
6	$\mathcal{O}(6; \{6^7, 3^{24}, 2^3\})$	1558201489153892352
6	$\mathcal{O}(6; \{6^8, 3, 2^{32}\})$	370052997120
6	$\mathcal{O}(6; \{6^8, 3^4, 2^{28}\})$	2973484670976
6	$\mathcal{O}(6; \{6^8, 3^7, 2^{24}\})$	23774816673792
6	$\mathcal{O}(6; \{6^8, 3^{10}, 2^{20}\})$	190211594084352
6	$\mathcal{O}(6; \{6^8, 3^{13}, 2^{16}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^8, 3^{16}, 2^{12}\})$	12173450596540416
6	$\mathcal{O}(6; \{6^8, 3^{19}, 2^8\})$	97387591711629312
6	$\mathcal{O}(6; \{6^8, 3^{22}, 2^4\})$	779100746753728512
6	$\mathcal{O}(6; \{6^8, 3^{25}\})$	6232805960969134080
6	$\mathcal{O}(6; \{6^9, 3^2, 2^{29}\})$	1484565553152
6	$\mathcal{O}(6; \{6^9, 3^5, 2^{25}\})$	11889585119232
6	$\mathcal{O}(6; \{6^9, 3^8, 2^{21}\})$	95103620259840
6	$\mathcal{O}(6; \{6^9, 3^{11}, 2^{17}\})$	760842022772736
6	$\mathcal{O}(6; \{6^9, 3^{14}, 2^{13}\})$	6086723121487872

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{6^9, 3^{17}, 2^9\})$	48693798032596992
6	$\mathcal{O}(6; \{6^9, 3^{20}, 2^5\})$	389550371200081920
6	$\mathcal{O}(6; \{6^9, 3^{23}, 2\})$	3116402982661349376
6	$\mathcal{O}(6; \{6^{10}, 2^{30}\})$	744459558912
6	$\mathcal{O}(6; \{6^{10}, 3^3, 2^{26}\})$	5942615777280
6	$\mathcal{O}(6; \{6^{10}, 3^6, 2^{22}\})$	47553986912256
6	$\mathcal{O}(6; \{6^{10}, 3^9, 2^{18}\})$	380418834604032
6	$\mathcal{O}(6; \{6^{10}, 3^{12}, 2^{14}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{10}, 3^{15}, 2^{10}\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{10}, 3^{18}, 2^6\})$	194775187776823296
6	$\mathcal{O}(6; \{6^{10}, 3^{21}, 2^2\})$	1558201489153892352
6	$\mathcal{O}(6; \{6^{11}, 3, 2^{27}\})$	2973484670976
6	$\mathcal{O}(6; \{6^{11}, 3^4, 2^{23}\})$	23774816673792
6	$\mathcal{O}(6; \{6^{11}, 3^7, 2^{19}\})$	190211594084352
6	$\mathcal{O}(6; \{6^{11}, 3^{10}, 2^{15}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{11}, 3^{13}, 2^{11}\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{11}, 3^{16}, 2^7\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{11}, 3^{19}, 2^3\})$	779100746753728512
6	$\mathcal{O}(6; \{6^{12}, 3^2, 2^{24}\})$	11889585119232
6	$\mathcal{O}(6; \{6^{12}, 3^5, 2^{20}\})$	95103620259840
6	$\mathcal{O}(6; \{6^{12}, 3^8, 2^{16}\})$	760842022772736
6	$\mathcal{O}(6; \{6^{12}, 3^{11}, 2^{12}\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{12}, 3^{14}, 2^8\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{12}, 3^{17}, 2^4\})$	389550371200081920
6	$\mathcal{O}(6; \{6^{12}, 3^{20}\})$	3116402982661349376
6	$\mathcal{O}(6; \{6^{13}, 2^{25}\})$	5942615777280
6	$\mathcal{O}(6; \{6^{13}, 3^3, 2^{21}\})$	47553986912256
6	$\mathcal{O}(6; \{6^{13}, 3^6, 2^{17}\})$	380418834604032
6	$\mathcal{O}(6; \{6^{13}, 3^9, 2^{13}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{13}, 3^{12}, 2^9\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{13}, 3^{15}, 2^5\})$	194775187776823296
6	$\mathcal{O}(6; \{6^{13}, 3^{18}, 2\})$	1558201489153892352
6	$\mathcal{O}(6; \{6^{14}, 3, 2^{22}\})$	23774816673792
6	$\mathcal{O}(6; \{6^{14}, 3^4, 2^{18}\})$	190211594084352
6	$\mathcal{O}(6; \{6^{14}, 3^7, 2^{14}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{14}, 3^{10}, 2^{10}\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{14}, 3^{13}, 2^6\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{14}, 3^{16}, 2^2\})$	779100746753728512
6	$\mathcal{O}(6; \{6^{15}, 3^2, 2^{19}\})$	95103620259840
6	$\mathcal{O}(6; \{6^{15}, 3^5, 2^{15}\})$	760842022772736
6	$\mathcal{O}(6; \{6^{15}, 3^8, 2^{11}\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{15}, 3^{11}, 2^7\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{15}, 3^{14}, 2^3\})$	389550371200081920

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(6; \{6^{16}, 2^{20}\})$	47553986912256
6	$\mathcal{O}(6; \{6^{16}, 3^3, 2^{16}\})$	380418834604032
6	$\mathcal{O}(6; \{6^{16}, 3^6, 2^{12}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{16}, 3^9, 2^8\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{16}, 3^{12}, 2^4\})$	194775187776823296
6	$\mathcal{O}(6; \{6^{16}, 3^{15}\})$	1558201489153892352
6	$\mathcal{O}(6; \{6^{17}, 3, 2^{17}\})$	190211594084352
6	$\mathcal{O}(6; \{6^{17}, 3^4, 2^{13}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{17}, 3^7, 2^9\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{17}, 3^{10}, 2^5\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{17}, 3^{13}, 2\})$	779100746753728512
6	$\mathcal{O}(6; \{6^{18}, 3^2, 2^{14}\})$	760842022772736
6	$\mathcal{O}(6; \{6^{18}, 3^5, 2^{10}\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{18}, 3^8, 2^6\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{18}, 3^{11}, 2^2\})$	389550371200081920
6	$\mathcal{O}(6; \{6^{19}, 2^{15}\})$	380418834604032
6	$\mathcal{O}(6; \{6^{19}, 3^3, 2^{11}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{19}, 3^6, 2^7\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{19}, 3^9, 2^3\})$	194775187776823296
6	$\mathcal{O}(6; \{6^{20}, 3, 2^{12}\})$	1521679691980800
6	$\mathcal{O}(6; \{6^{20}, 3^4, 2^8\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{20}, 3^7, 2^4\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{20}, 3^{10}\})$	779100746753728512
6	$\mathcal{O}(6; \{6^{21}, 3^2, 2^9\})$	6086723121487872
6	$\mathcal{O}(6; \{6^{21}, 3^5, 2^5\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{21}, 3^8, 2\})$	389550371200081920
6	$\mathcal{O}(6; \{6^{22}, 2^{10}\})$	3043363737526272
6	$\mathcal{O}(6; \{6^{22}, 3^3, 2^6\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{22}, 3^6, 2^2\})$	194775187776823296
6	$\mathcal{O}(6; \{6^{23}, 3, 2^7\})$	12173450596540416
6	$\mathcal{O}(6; \{6^{23}, 3^4, 2^3\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{24}, 3^2, 2^4\})$	48693798032596992
6	$\mathcal{O}(6; \{6^{24}, 3^5\})$	389550371200081920
6	$\mathcal{O}(6; \{6^{25}, 2^5\})$	24346896839516160
6	$\mathcal{O}(6; \{6^{25}, 3^3, 2\})$	194775187776823296
6	$\mathcal{O}(6; \{6^{26}, 3, 2^2\})$	97387591711629312
6	$\mathcal{O}(6; \{6^{28}\})$	194775187776823296
6	$\mathcal{O}(5; \{3^2, 2^{48}\})$	120932352
6	$\mathcal{O}(5; \{3^5, 2^{44}\})$	604661760
6	$\mathcal{O}(5; \{3^8, 2^{40}\})$	5200091136
6	$\mathcal{O}(5; \{3^{11}, 2^{36}\})$	41237932032
6	$\mathcal{O}(5; \{3^{14}, 2^{32}\})$	330266253312
6	$\mathcal{O}(5; \{3^{17}, 2^{28}\})$	2641767229440

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{3^{20}, 2^{24}\})$	21134500632576
6	$\mathcal{O}(5; \{3^{23}, 2^{20}\})$	169075642263552
6	$\mathcal{O}(5; \{3^{26}, 2^{16}\})$	1352605500905472
6	$\mathcal{O}(5; \{3^{29}, 2^{12}\})$	10820843644446720
6	$\mathcal{O}(5; \{3^{32}, 2^8\})$	86566749518370816
6	$\mathcal{O}(5; \{3^{35}, 2^4\})$	692533995784169472
6	$\mathcal{O}(5; \{3^{38}\})$	5534861544793734714
6	$\mathcal{O}(5; \{6, 3^3, 2^{45}\})$	362797056
6	$\mathcal{O}(5; \{6, 3^6, 2^{41}\})$	2539579392
6	$\mathcal{O}(5; \{6, 3^9, 2^{37}\})$	20679432192
6	$\mathcal{O}(5; \{6, 3^{12}, 2^{33}\})$	165072660480
6	$\mathcal{O}(5; \{6, 3^{15}, 2^{29}\})$	1320944080896
6	$\mathcal{O}(5; \{6, 3^{18}, 2^{25}\})$	10567189850112
6	$\mathcal{O}(5; \{6, 3^{21}, 2^{21}\})$	84537881597952
6	$\mathcal{O}(5; \{6, 3^{24}, 2^{17}\})$	676302689986560
6	$\mathcal{O}(5; \{6, 3^{27}, 2^{13}\})$	5410421882689536
6	$\mathcal{O}(5; \{6, 3^{30}, 2^9\})$	43283374698719232
6	$\mathcal{O}(5; \{6, 3^{33}, 2^5\})$	346266997952550912
6	$\mathcal{O}(5; \{6, 3^{36}, 2\})$	2770135983257610240
6	$\mathcal{O}(5; \{6^2, 3, 2^{46}\})$	120932352
6	$\mathcal{O}(5; \{6^2, 3^4, 2^{42}\})$	1330255872
6	$\mathcal{O}(5; \{6^2, 3^7, 2^{38}\})$	10279249920
6	$\mathcal{O}(5; \{6^2, 3^{10}, 2^{34}\})$	82596796416
6	$\mathcal{O}(5; \{6^2, 3^{13}, 2^{30}\})$	660411574272
6	$\mathcal{O}(5; \{6^2, 3^{16}, 2^{26}\})$	5283655391232
6	$\mathcal{O}(5; \{6^2, 3^{19}, 2^{22}\})$	42268880332800
6	$\mathcal{O}(5; \{6^2, 3^{22}, 2^{18}\})$	338151405459456
6	$\mathcal{O}(5; \{6^2, 3^{25}, 2^{14}\})$	2705210880878592
6	$\mathcal{O}(5; \{6^2, 3^{28}, 2^{10}\})$	21641687409825792
6	$\mathcal{O}(5; \{6^2, 3^{31}, 2^6\})$	173133498915809280
6	$\mathcal{O}(5; \{6^2, 3^{34}, 2^2\})$	1385067991689271296
6	$\mathcal{O}(5; \{6^3, 3^2, 2^{43}\})$	604661760
6	$\mathcal{O}(5; \{6^3, 3^5, 2^{39}\})$	5200091136
6	$\mathcal{O}(5; \{6^3, 3^8, 2^{35}\})$	41237932032
6	$\mathcal{O}(5; \{6^3, 3^{11}, 2^{31}\})$	330266253312
6	$\mathcal{O}(5; \{6^3, 3^{14}, 2^{27}\})$	2641767229440
6	$\mathcal{O}(5; \{6^3, 3^{17}, 2^{23}\})$	21134500632576
6	$\mathcal{O}(5; \{6^3, 3^{20}, 2^{19}\})$	169075642263552
6	$\mathcal{O}(5; \{6^3, 3^{23}, 2^{15}\})$	1352605500905472
6	$\mathcal{O}(5; \{6^3, 3^{26}, 2^{11}\})$	10820843644446720
6	$\mathcal{O}(5; \{6^3, 3^{29}, 2^7\})$	86566749518370816
6	$\mathcal{O}(5; \{6^3, 3^{32}, 2^3\})$	692533995784169472
6	$\mathcal{O}(5; \{6^4, 2^{44}\})$	362797056

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6^4, 3^3, 2^{40}\})$	2539579392
6	$\mathcal{O}(5; \{6^4, 3^6, 2^{36}\})$	20679432192
6	$\mathcal{O}(5; \{6^4, 3^9, 2^{32}\})$	165072660480
6	$\mathcal{O}(5; \{6^4, 3^{12}, 2^{28}\})$	1320944080896
6	$\mathcal{O}(5; \{6^4, 3^{15}, 2^{24}\})$	10567189850112
6	$\mathcal{O}(5; \{6^4, 3^{18}, 2^{20}\})$	84537881597952
6	$\mathcal{O}(5; \{6^4, 3^{21}, 2^{16}\})$	676302689986560
6	$\mathcal{O}(5; \{6^4, 3^{24}, 2^{12}\})$	5410421882689536
6	$\mathcal{O}(5; \{6^4, 3^{27}, 2^8\})$	43283374698719232
6	$\mathcal{O}(5; \{6^4, 3^{30}, 2^4\})$	346266997952550912
6	$\mathcal{O}(5; \{6^4, 3^{33}\})$	2770135983257610240
6	$\mathcal{O}(5; \{6^5, 3, 2^{41}\})$	1330255872
6	$\mathcal{O}(5; \{6^5, 3^4, 2^{37}\})$	10279249920
6	$\mathcal{O}(5; \{6^5, 3^7, 2^{33}\})$	82596796416
6	$\mathcal{O}(5; \{6^5, 3^{10}, 2^{29}\})$	660411574272
6	$\mathcal{O}(5; \{6^5, 3^{13}, 2^{25}\})$	5283655391232
6	$\mathcal{O}(5; \{6^5, 3^{16}, 2^{21}\})$	42268880332800
6	$\mathcal{O}(5; \{6^5, 3^{19}, 2^{17}\})$	338151405459456
6	$\mathcal{O}(5; \{6^5, 3^{22}, 2^{13}\})$	2705210880878592
6	$\mathcal{O}(5; \{6^5, 3^{25}, 2^9\})$	21641687409825792
6	$\mathcal{O}(5; \{6^5, 3^{28}, 2^5\})$	173133498915809280
6	$\mathcal{O}(5; \{6^5, 3^{31}, 2\})$	1385067991689271296
6	$\mathcal{O}(5; \{6^6, 3^2, 2^{38}\})$	5200091136
6	$\mathcal{O}(5; \{6^6, 3^5, 2^{34}\})$	41237932032
6	$\mathcal{O}(5; \{6^6, 3^8, 2^{30}\})$	330266253312
6	$\mathcal{O}(5; \{6^6, 3^{11}, 2^{26}\})$	2641767229440
6	$\mathcal{O}(5; \{6^6, 3^{14}, 2^{22}\})$	21134500632576
6	$\mathcal{O}(5; \{6^6, 3^{17}, 2^{18}\})$	169075642263552
6	$\mathcal{O}(5; \{6^6, 3^{20}, 2^{14}\})$	1352605500905472
6	$\mathcal{O}(5; \{6^6, 3^{23}, 2^{10}\})$	10820843644446720
6	$\mathcal{O}(5; \{6^6, 3^{26}, 2^6\})$	86566749518370816
6	$\mathcal{O}(5; \{6^6, 3^{29}, 2^2\})$	692533995784169472
6	$\mathcal{O}(5; \{6^7, 2^{39}\})$	2539579392
6	$\mathcal{O}(5; \{6^7, 3^3, 2^{35}\})$	20679432192
6	$\mathcal{O}(5; \{6^7, 3^6, 2^{31}\})$	165072660480
6	$\mathcal{O}(5; \{6^7, 3^9, 2^{27}\})$	1320944080896
6	$\mathcal{O}(5; \{6^7, 3^{12}, 2^{23}\})$	10567189850112
6	$\mathcal{O}(5; \{6^7, 3^{15}, 2^{19}\})$	84537881597952
6	$\mathcal{O}(5; \{6^7, 3^{18}, 2^{15}\})$	676302689986560
6	$\mathcal{O}(5; \{6^7, 3^{21}, 2^{11}\})$	5410421882689536
6	$\mathcal{O}(5; \{6^7, 3^{24}, 2^7\})$	43283374698719232
6	$\mathcal{O}(5; \{6^7, 3^{27}, 2^3\})$	346266997952550912
6	$\mathcal{O}(5; \{6^8, 3, 2^{36}\})$	10279249920

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6^8, 3^4, 2^{32}\})$	82596796416
6	$\mathcal{O}(5; \{6^8, 3^7, 2^{28}\})$	660411574272
6	$\mathcal{O}(5; \{6^8, 3^{10}, 2^{24}\})$	5283655391232
6	$\mathcal{O}(5; \{6^8, 3^{13}, 2^{20}\})$	42268880332800
6	$\mathcal{O}(5; \{6^8, 3^{16}, 2^{16}\})$	338151405459456
6	$\mathcal{O}(5; \{6^8, 3^{19}, 2^{12}\})$	2705210880878592
6	$\mathcal{O}(5; \{6^8, 3^{22}, 2^8\})$	21641687409825792
6	$\mathcal{O}(5; \{6^8, 3^{25}, 2^4\})$	173133498915809280
6	$\mathcal{O}(5; \{6^8, 3^{28}\})$	1385067991689271296
6	$\mathcal{O}(5; \{6^9, 3^2, 2^{33}\})$	41237932032
6	$\mathcal{O}(5; \{6^9, 3^5, 2^{29}\})$	330266253312
6	$\mathcal{O}(5; \{6^9, 3^8, 2^{25}\})$	2641767229440
6	$\mathcal{O}(5; \{6^9, 3^{11}, 2^{21}\})$	21134500632576
6	$\mathcal{O}(5; \{6^9, 3^{14}, 2^{17}\})$	169075642263552
6	$\mathcal{O}(5; \{6^9, 3^{17}, 2^{13}\})$	1352605500905472
6	$\mathcal{O}(5; \{6^9, 3^{20}, 2^9\})$	10820843644446720
6	$\mathcal{O}(5; \{6^9, 3^{23}, 2^5\})$	86566749518370816
6	$\mathcal{O}(5; \{6^9, 3^{26}, 2\})$	692533995784169472
6	$\mathcal{O}(5; \{6^{10}, 2^{34}\})$	20679432192
6	$\mathcal{O}(5; \{6^{10}, 3^3, 2^{30}\})$	165072660480
6	$\mathcal{O}(5; \{6^{10}, 3^6, 2^{26}\})$	1320944080896
6	$\mathcal{O}(5; \{6^{10}, 3^9, 2^{22}\})$	10567189850112
6	$\mathcal{O}(5; \{6^{10}, 3^{12}, 2^{18}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{10}, 3^{15}, 2^{14}\})$	676302689986560
6	$\mathcal{O}(5; \{6^{10}, 3^{18}, 2^{10}\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{10}, 3^{21}, 2^6\})$	43283374698719232
6	$\mathcal{O}(5; \{6^{10}, 3^{24}, 2^2\})$	346266997952550912
6	$\mathcal{O}(5; \{6^{11}, 3, 2^{31}\})$	82596796416
6	$\mathcal{O}(5; \{6^{11}, 3^4, 2^{27}\})$	660411574272
6	$\mathcal{O}(5; \{6^{11}, 3^7, 2^{23}\})$	5283655391232
6	$\mathcal{O}(5; \{6^{11}, 3^{10}, 2^{19}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{11}, 3^{13}, 2^{15}\})$	338151405459456
6	$\mathcal{O}(5; \{6^{11}, 3^{16}, 2^{11}\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{11}, 3^{19}, 2^7\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{11}, 3^{22}, 2^3\})$	173133498915809280
6	$\mathcal{O}(5; \{6^{12}, 3^2, 2^{28}\})$	330266253312
6	$\mathcal{O}(5; \{6^{12}, 3^5, 2^{24}\})$	2641767229440
6	$\mathcal{O}(5; \{6^{12}, 3^8, 2^{20}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{12}, 3^{11}, 2^{16}\})$	169075642263552
6	$\mathcal{O}(5; \{6^{12}, 3^{14}, 2^{12}\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{12}, 3^{17}, 2^8\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{12}, 3^{20}, 2^4\})$	86566749518370816
6	$\mathcal{O}(5; \{6^{12}, 3^{23}\})$	692533995784169472

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6^{13}, 2^{29}\})$	165072660480
6	$\mathcal{O}(5; \{6^{13}, 3^3, 2^{25}\})$	1320944080896
6	$\mathcal{O}(5; \{6^{13}, 3^6, 2^{21}\})$	10567189850112
6	$\mathcal{O}(5; \{6^{13}, 3^9, 2^{17}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{13}, 3^{12}, 2^{13}\})$	676302689986560
6	$\mathcal{O}(5; \{6^{13}, 3^{15}, 2^9\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{13}, 3^{18}, 2^5\})$	43283374698719232
6	$\mathcal{O}(5; \{6^{13}, 3^{21}, 2\})$	346266997952550912
6	$\mathcal{O}(5; \{6^{14}, 3, 2^{26}\})$	660411574272
6	$\mathcal{O}(5; \{6^{14}, 3^4, 2^{22}\})$	5283655391232
6	$\mathcal{O}(5; \{6^{14}, 3^7, 2^{18}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{14}, 3^{10}, 2^{14}\})$	338151405459456
6	$\mathcal{O}(5; \{6^{14}, 3^{13}, 2^{10}\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{14}, 3^{16}, 2^6\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{14}, 3^{19}, 2^2\})$	173133498915809280
6	$\mathcal{O}(5; \{6^{15}, 3^2, 2^{23}\})$	2641767229440
6	$\mathcal{O}(5; \{6^{15}, 3^5, 2^{19}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{15}, 3^8, 2^{15}\})$	169075642263552
6	$\mathcal{O}(5; \{6^{15}, 3^{11}, 2^{11}\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{15}, 3^{14}, 2^7\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{15}, 3^{17}, 2^3\})$	86566749518370816
6	$\mathcal{O}(5; \{6^{16}, 2^{24}\})$	1320944080896
6	$\mathcal{O}(5; \{6^{16}, 3^3, 2^{20}\})$	10567189850112
6	$\mathcal{O}(5; \{6^{16}, 3^6, 2^{16}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{16}, 3^9, 2^{12}\})$	676302689986560
6	$\mathcal{O}(5; \{6^{16}, 3^{12}, 2^8\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{16}, 3^{15}, 2^4\})$	43283374698719232
6	$\mathcal{O}(5; \{6^{16}, 3^{18}\})$	346266997952550912
6	$\mathcal{O}(5; \{6^{17}, 3, 2^{21}\})$	5283655391232
6	$\mathcal{O}(5; \{6^{17}, 3^4, 2^{17}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{17}, 3^7, 2^{13}\})$	338151405459456
6	$\mathcal{O}(5; \{6^{17}, 3^{10}, 2^9\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{17}, 3^{13}, 2^5\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{17}, 3^{16}, 2\})$	173133498915809280
6	$\mathcal{O}(5; \{6^{18}, 3^2, 2^{18}\})$	21134500632576
6	$\mathcal{O}(5; \{6^{18}, 3^5, 2^{14}\})$	169075642263552
6	$\mathcal{O}(5; \{6^{18}, 3^8, 2^{10}\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{18}, 3^{11}, 2^6\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{18}, 3^{14}, 2^2\})$	86566749518370816
6	$\mathcal{O}(5; \{6^{19}, 2^{19}\})$	10567189850112
6	$\mathcal{O}(5; \{6^{19}, 3^3, 2^{15}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{19}, 3^6, 2^{11}\})$	676302689986560
6	$\mathcal{O}(5; \{6^{19}, 3^9, 2^7\})$	5410421882689536

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(5; \{6^{19}, 3^{12}, 2^3\})$	43283374698719232
6	$\mathcal{O}(5; \{6^{20}, 3, 2^{16}\})$	42268880332800
6	$\mathcal{O}(5; \{6^{20}, 3^4, 2^{12}\})$	338151405459456
6	$\mathcal{O}(5; \{6^{20}, 3^7, 2^8\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{20}, 3^{10}, 2^4\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{20}, 3^{13}\})$	173133498915809280
6	$\mathcal{O}(5; \{6^{21}, 3^2, 2^{13}\})$	169075642263552
6	$\mathcal{O}(5; \{6^{21}, 3^5, 2^9\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{21}, 3^8, 2^5\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{21}, 3^{11}, 2\})$	86566749518370816
6	$\mathcal{O}(5; \{6^{22}, 2^{14}\})$	84537881597952
6	$\mathcal{O}(5; \{6^{22}, 3^3, 2^{10}\})$	676302689986560
6	$\mathcal{O}(5; \{6^{22}, 3^6, 2^6\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{22}, 3^9, 2^2\})$	43283374698719232
6	$\mathcal{O}(5; \{6^{23}, 3, 2^{11}\})$	338151405459456
6	$\mathcal{O}(5; \{6^{23}, 3^4, 2^7\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{23}, 3^7, 2^3\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{24}, 3^2, 2^8\})$	1352605500905472
6	$\mathcal{O}(5; \{6^{24}, 3^5, 2^4\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{24}, 3^8\})$	86566749518370816
6	$\mathcal{O}(5; \{6^{25}, 2^9\})$	676302689986560
6	$\mathcal{O}(5; \{6^{25}, 3^3, 2^5\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{25}, 3^6, 2\})$	43283374698719232
6	$\mathcal{O}(5; \{6^{26}, 3, 2^6\})$	2705210880878592
6	$\mathcal{O}(5; \{6^{26}, 3^4, 2^2\})$	21641687409825792
6	$\mathcal{O}(5; \{6^{27}, 3^2, 2^3\})$	10820843644446720
6	$\mathcal{O}(5; \{6^{28}, 2^4\})$	5410421882689536
6	$\mathcal{O}(5; \{6^{28}, 3^3\})$	43283374698719232
6	$\mathcal{O}(5; \{6^{29}, 3, 2\})$	21641687409825792
6	$\mathcal{O}(4; \{3^2, 2^{52}\})$	3359232
6	$\mathcal{O}(4; \{3^5, 2^{48}\})$	16796160
6	$\mathcal{O}(4; \{3^8, 2^{44}\})$	144446976
6	$\mathcal{O}(4; \{3^{11}, 2^{40}\})$	1145498112
6	$\mathcal{O}(4; \{3^{14}, 2^{36}\})$	9174062592
6	$\mathcal{O}(4; \{3^{17}, 2^{32}\})$	73382423040
6	$\mathcal{O}(4; \{3^{20}, 2^{28}\})$	587069462016
6	$\mathcal{O}(4; \{3^{23}, 2^{24}\})$	4696545618432
6	$\mathcal{O}(4; \{3^{26}, 2^{20}\})$	37572375025152
6	$\mathcal{O}(4; \{3^{29}, 2^{16}\})$	300578990123520
6	$\mathcal{O}(4; \{3^{32}, 2^{12}\})$	2404631931065856
6	$\mathcal{O}(4; \{3^{35}, 2^8\})$	19237055438449152
6	$\mathcal{O}(4; \{3^{38}, 2^4\})$	153896443517670912
6	$\mathcal{O}(4; \{3^{41}\})$	1226362284271401750

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6, 3^3, 2^{49}\})$	10077696
6	$\mathcal{O}(4; \{6, 3^6, 2^{45}\})$	70543872
6	$\mathcal{O}(4; \{6, 3^9, 2^{41}\})$	574428672
6	$\mathcal{O}(4; \{6, 3^{12}, 2^{37}\})$	4585351680
6	$\mathcal{O}(4; \{6, 3^{15}, 2^{33}\})$	36692891136
6	$\mathcal{O}(4; \{6, 3^{18}, 2^{29}\})$	293533051392
6	$\mathcal{O}(4; \{6, 3^{21}, 2^{25}\})$	2348274488832
6	$\mathcal{O}(4; \{6, 3^{24}, 2^{21}\})$	18786185832960
6	$\mathcal{O}(4; \{6, 3^{27}, 2^{17}\})$	150289496741376
6	$\mathcal{O}(4; \{6, 3^{30}, 2^{13}\})$	1202315963853312
6	$\mathcal{O}(4; \{6, 3^{33}, 2^9\})$	9618527720904192
6	$\mathcal{O}(4; \{6, 3^{36}, 2^5\})$	76948221757155840
6	$\mathcal{O}(4; \{6, 3^{39}, 2\})$	615585774067324416
6	$\mathcal{O}(4; \{6^2, 3, 2^{50}\})$	3359232
6	$\mathcal{O}(4; \{6^2, 3^4, 2^{46}\})$	36951552
6	$\mathcal{O}(4; \{6^2, 3^7, 2^{42}\})$	285534720
6	$\mathcal{O}(4; \{6^2, 3^{10}, 2^{38}\})$	2294355456
6	$\mathcal{O}(4; \{6^2, 3^{13}, 2^{34}\})$	18344765952
6	$\mathcal{O}(4; \{6^2, 3^{16}, 2^{30}\})$	146768205312
6	$\mathcal{O}(4; \{6^2, 3^{19}, 2^{26}\})$	1174135564800
6	$\mathcal{O}(4; \{6^2, 3^{22}, 2^{22}\})$	9393094596096
6	$\mathcal{O}(4; \{6^2, 3^{25}, 2^{18}\})$	75144746691072
6	$\mathcal{O}(4; \{6^2, 3^{28}, 2^{14}\})$	601157983606272
6	$\mathcal{O}(4; \{6^2, 3^{31}, 2^{10}\})$	4809263858772480
6	$\mathcal{O}(4; \{6^2, 3^{34}, 2^6\})$	38474110880257536
6	$\mathcal{O}(4; \{6^2, 3^{37}, 2^2\})$	307792887031982592
6	$\mathcal{O}(4; \{6^3, 3^2, 2^{47}\})$	16796160
6	$\mathcal{O}(4; \{6^3, 3^5, 2^{43}\})$	144446976
6	$\mathcal{O}(4; \{6^3, 3^8, 2^{39}\})$	1145498112
6	$\mathcal{O}(4; \{6^3, 3^{11}, 2^{35}\})$	9174062592
6	$\mathcal{O}(4; \{6^3, 3^{14}, 2^{31}\})$	73382423040
6	$\mathcal{O}(4; \{6^3, 3^{17}, 2^{27}\})$	587069462016
6	$\mathcal{O}(4; \{6^3, 3^{20}, 2^{23}\})$	4696545618432
6	$\mathcal{O}(4; \{6^3, 3^{23}, 2^{19}\})$	37572375025152
6	$\mathcal{O}(4; \{6^3, 3^{26}, 2^{15}\})$	300578990123520
6	$\mathcal{O}(4; \{6^3, 3^{29}, 2^{11}\})$	2404631931065856
6	$\mathcal{O}(4; \{6^3, 3^{32}, 2^7\})$	19237055438449152
6	$\mathcal{O}(4; \{6^3, 3^{35}, 2^3\})$	153896443517670912
6	$\mathcal{O}(4; \{6^4, 2^{48}\})$	10077696
6	$\mathcal{O}(4; \{6^4, 3^3, 2^{44}\})$	70543872
6	$\mathcal{O}(4; \{6^4, 3^6, 2^{40}\})$	574428672
6	$\mathcal{O}(4; \{6^4, 3^9, 2^{36}\})$	4585351680
6	$\mathcal{O}(4; \{6^4, 3^{12}, 2^{32}\})$	36692891136

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^4, 3^{15}, 2^{28}\})$	293533051392
6	$\mathcal{O}(4; \{6^4, 3^{18}, 2^{24}\})$	2348274488832
6	$\mathcal{O}(4; \{6^4, 3^{21}, 2^{20}\})$	18786185832960
6	$\mathcal{O}(4; \{6^4, 3^{24}, 2^{16}\})$	150289496741376
6	$\mathcal{O}(4; \{6^4, 3^{27}, 2^{12}\})$	1202315963853312
6	$\mathcal{O}(4; \{6^4, 3^{30}, 2^8\})$	9618527720904192
6	$\mathcal{O}(4; \{6^4, 3^{33}, 2^4\})$	76948221757155840
6	$\mathcal{O}(4; \{6^4, 3^{36}\})$	615585774067324416
6	$\mathcal{O}(4; \{6^5, 3, 2^{45}\})$	36951552
6	$\mathcal{O}(4; \{6^5, 3^4, 2^{41}\})$	285534720
6	$\mathcal{O}(4; \{6^5, 3^7, 2^{37}\})$	2294355456
6	$\mathcal{O}(4; \{6^5, 3^{10}, 2^{33}\})$	18344765952
6	$\mathcal{O}(4; \{6^5, 3^{13}, 2^{29}\})$	146768205312
6	$\mathcal{O}(4; \{6^5, 3^{16}, 2^{25}\})$	1174135564800
6	$\mathcal{O}(4; \{6^5, 3^{19}, 2^{21}\})$	9393094596096
6	$\mathcal{O}(4; \{6^5, 3^{22}, 2^{17}\})$	75144746691072
6	$\mathcal{O}(4; \{6^5, 3^{25}, 2^{13}\})$	601157983606272
6	$\mathcal{O}(4; \{6^5, 3^{28}, 2^9\})$	4809263858772480
6	$\mathcal{O}(4; \{6^5, 3^{31}, 2^5\})$	38474110880257536
6	$\mathcal{O}(4; \{6^5, 3^{34}, 2\})$	307792887031982592
6	$\mathcal{O}(4; \{6^6, 3^2, 2^{42}\})$	144446976
6	$\mathcal{O}(4; \{6^6, 3^5, 2^{38}\})$	1145498112
6	$\mathcal{O}(4; \{6^6, 3^8, 2^{34}\})$	9174062592
6	$\mathcal{O}(4; \{6^6, 3^{11}, 2^{30}\})$	73382423040
6	$\mathcal{O}(4; \{6^6, 3^{14}, 2^{26}\})$	587069462016
6	$\mathcal{O}(4; \{6^6, 3^{17}, 2^{22}\})$	4696545618432
6	$\mathcal{O}(4; \{6^6, 3^{20}, 2^{18}\})$	37572375025152
6	$\mathcal{O}(4; \{6^6, 3^{23}, 2^{14}\})$	300578990123520
6	$\mathcal{O}(4; \{6^6, 3^{26}, 2^{10}\})$	2404631931065856
6	$\mathcal{O}(4; \{6^6, 3^{29}, 2^6\})$	19237055438449152
6	$\mathcal{O}(4; \{6^6, 3^{32}, 2^2\})$	153896443517670912
6	$\mathcal{O}(4; \{6^7, 2^{43}\})$	70543872
6	$\mathcal{O}(4; \{6^7, 3^3, 2^{39}\})$	574428672
6	$\mathcal{O}(4; \{6^7, 3^6, 2^{35}\})$	4585351680
6	$\mathcal{O}(4; \{6^7, 3^9, 2^{31}\})$	36692891136
6	$\mathcal{O}(4; \{6^7, 3^{12}, 2^{27}\})$	293533051392
6	$\mathcal{O}(4; \{6^7, 3^{15}, 2^{23}\})$	2348274488832
6	$\mathcal{O}(4; \{6^7, 3^{18}, 2^{19}\})$	18786185832960
6	$\mathcal{O}(4; \{6^7, 3^{21}, 2^{15}\})$	150289496741376
6	$\mathcal{O}(4; \{6^7, 3^{24}, 2^{11}\})$	1202315963853312
6	$\mathcal{O}(4; \{6^7, 3^{27}, 2^7\})$	9618527720904192
6	$\mathcal{O}(4; \{6^7, 3^{30}, 2^3\})$	76948221757155840
6	$\mathcal{O}(4; \{6^8, 3, 2^{40}\})$	285534720

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^8, 3^4, 2^{36}\})$	2294355456
6	$\mathcal{O}(4; \{6^8, 3^7, 2^{32}\})$	18344765952
6	$\mathcal{O}(4; \{6^8, 3^{10}, 2^{28}\})$	146768205312
6	$\mathcal{O}(4; \{6^8, 3^{13}, 2^{24}\})$	1174135564800
6	$\mathcal{O}(4; \{6^8, 3^{16}, 2^{20}\})$	9393094596096
6	$\mathcal{O}(4; \{6^8, 3^{19}, 2^{16}\})$	75144746691072
6	$\mathcal{O}(4; \{6^8, 3^{22}, 2^{12}\})$	601157983606272
6	$\mathcal{O}(4; \{6^8, 3^{25}, 2^8\})$	4809263858772480
6	$\mathcal{O}(4; \{6^8, 3^{28}, 2^4\})$	38474110880257536
6	$\mathcal{O}(4; \{6^8, 3^{31}\})$	307792887031982592
6	$\mathcal{O}(4; \{6^9, 3^2, 2^{37}\})$	1145498112
6	$\mathcal{O}(4; \{6^9, 3^5, 2^{33}\})$	9174062592
6	$\mathcal{O}(4; \{6^9, 3^8, 2^{29}\})$	73382423040
6	$\mathcal{O}(4; \{6^9, 3^{11}, 2^{25}\})$	587069462016
6	$\mathcal{O}(4; \{6^9, 3^{14}, 2^{21}\})$	4696545618432
6	$\mathcal{O}(4; \{6^9, 3^{17}, 2^{17}\})$	37572375025152
6	$\mathcal{O}(4; \{6^9, 3^{20}, 2^{13}\})$	300578990123520
6	$\mathcal{O}(4; \{6^9, 3^{23}, 2^9\})$	2404631931065856
6	$\mathcal{O}(4; \{6^9, 3^{26}, 2^5\})$	19237055438449152
6	$\mathcal{O}(4; \{6^9, 3^{29}, 2\})$	153896443517670912
6	$\mathcal{O}(4; \{6^{10}, 2^{38}\})$	574428672
6	$\mathcal{O}(4; \{6^{10}, 3^3, 2^{34}\})$	4585351680
6	$\mathcal{O}(4; \{6^{10}, 3^6, 2^{30}\})$	36692891136
6	$\mathcal{O}(4; \{6^{10}, 3^9, 2^{26}\})$	293533051392
6	$\mathcal{O}(4; \{6^{10}, 3^{12}, 2^{22}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{10}, 3^{15}, 2^{18}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{10}, 3^{18}, 2^{14}\})$	150289496741376
6	$\mathcal{O}(4; \{6^{10}, 3^{21}, 2^{10}\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{10}, 3^{24}, 2^6\})$	9618527720904192
6	$\mathcal{O}(4; \{6^{10}, 3^{27}, 2^2\})$	76948221757155840
6	$\mathcal{O}(4; \{6^{11}, 3, 2^{35}\})$	2294355456
6	$\mathcal{O}(4; \{6^{11}, 3^4, 2^{31}\})$	18344765952
6	$\mathcal{O}(4; \{6^{11}, 3^7, 2^{27}\})$	146768205312
6	$\mathcal{O}(4; \{6^{11}, 3^{10}, 2^{23}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{11}, 3^{13}, 2^{19}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{11}, 3^{16}, 2^{15}\})$	75144746691072
6	$\mathcal{O}(4; \{6^{11}, 3^{19}, 2^{11}\})$	601157983606272
6	$\mathcal{O}(4; \{6^{11}, 3^{22}, 2^7\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{11}, 3^{25}, 2^3\})$	38474110880257536
6	$\mathcal{O}(4; \{6^{12}, 3^2, 2^{32}\})$	9174062592
6	$\mathcal{O}(4; \{6^{12}, 3^5, 2^{28}\})$	73382423040
6	$\mathcal{O}(4; \{6^{12}, 3^8, 2^{24}\})$	587069462016
6	$\mathcal{O}(4; \{6^{12}, 3^{11}, 2^{20}\})$	4696545618432

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^{12}, 3^{14}, 2^{16}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{12}, 3^{17}, 2^{12}\})$	300578990123520
6	$\mathcal{O}(4; \{6^{12}, 3^{20}, 2^8\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{12}, 3^{23}, 2^4\})$	19237055438449152
6	$\mathcal{O}(4; \{6^{12}, 3^{26}\})$	153896443517670912
6	$\mathcal{O}(4; \{6^{13}, 2^{33}\})$	4585351680
6	$\mathcal{O}(4; \{6^{13}, 3^3, 2^{29}\})$	36692891136
6	$\mathcal{O}(4; \{6^{13}, 3^6, 2^{25}\})$	293533051392
6	$\mathcal{O}(4; \{6^{13}, 3^9, 2^{21}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{13}, 3^{12}, 2^{17}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{13}, 3^{15}, 2^{13}\})$	150289496741376
6	$\mathcal{O}(4; \{6^{13}, 3^{18}, 2^9\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{13}, 3^{21}, 2^5\})$	9618527720904192
6	$\mathcal{O}(4; \{6^{13}, 3^{24}, 2\})$	76948221757155840
6	$\mathcal{O}(4; \{6^{14}, 3, 2^{30}\})$	18344765952
6	$\mathcal{O}(4; \{6^{14}, 3^4, 2^{26}\})$	146768205312
6	$\mathcal{O}(4; \{6^{14}, 3^7, 2^{22}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{14}, 3^{10}, 2^{18}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{14}, 3^{13}, 2^{14}\})$	75144746691072
6	$\mathcal{O}(4; \{6^{14}, 3^{16}, 2^{10}\})$	601157983606272
6	$\mathcal{O}(4; \{6^{14}, 3^{19}, 2^6\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{14}, 3^{22}, 2^2\})$	38474110880257536
6	$\mathcal{O}(4; \{6^{15}, 3^2, 2^{27}\})$	73382423040
6	$\mathcal{O}(4; \{6^{15}, 3^5, 2^{23}\})$	587069462016
6	$\mathcal{O}(4; \{6^{15}, 3^8, 2^{19}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{15}, 3^{11}, 2^{15}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{15}, 3^{14}, 2^{11}\})$	300578990123520
6	$\mathcal{O}(4; \{6^{15}, 3^{17}, 2^7\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{15}, 3^{20}, 2^3\})$	19237055438449152
6	$\mathcal{O}(4; \{6^{16}, 2^{28}\})$	36692891136
6	$\mathcal{O}(4; \{6^{16}, 3^3, 2^{24}\})$	293533051392
6	$\mathcal{O}(4; \{6^{16}, 3^6, 2^{20}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{16}, 3^9, 2^{16}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{16}, 3^{12}, 2^{12}\})$	150289496741376
6	$\mathcal{O}(4; \{6^{16}, 3^{15}, 2^8\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{16}, 3^{18}, 2^4\})$	9618527720904192
6	$\mathcal{O}(4; \{6^{16}, 3^{21}\})$	76948221757155840
6	$\mathcal{O}(4; \{6^{17}, 3, 2^{25}\})$	146768205312
6	$\mathcal{O}(4; \{6^{17}, 3^4, 2^{21}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{17}, 3^7, 2^{17}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{17}, 3^{10}, 2^{13}\})$	75144746691072
6	$\mathcal{O}(4; \{6^{17}, 3^{13}, 2^9\})$	601157983606272
6	$\mathcal{O}(4; \{6^{17}, 3^{16}, 2^5\})$	4809263858772480

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^{17}, 3^{19}, 2\})$	38474110880257536
6	$\mathcal{O}(4; \{6^{18}, 3^2, 2^{22}\})$	587069462016
6	$\mathcal{O}(4; \{6^{18}, 3^5, 2^{18}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{18}, 3^8, 2^{14}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{18}, 3^{11}, 2^{10}\})$	300578990123520
6	$\mathcal{O}(4; \{6^{18}, 3^{14}, 2^6\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{18}, 3^{17}, 2^2\})$	19237055438449152
6	$\mathcal{O}(4; \{6^{19}, 2^{23}\})$	293533051392
6	$\mathcal{O}(4; \{6^{19}, 3^3, 2^{19}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{19}, 3^6, 2^{15}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{19}, 3^9, 2^{11}\})$	150289496741376
6	$\mathcal{O}(4; \{6^{19}, 3^{12}, 2^7\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{19}, 3^{15}, 2^3\})$	9618527720904192
6	$\mathcal{O}(4; \{6^{20}, 3, 2^{20}\})$	1174135564800
6	$\mathcal{O}(4; \{6^{20}, 3^4, 2^{16}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{20}, 3^7, 2^{12}\})$	75144746691072
6	$\mathcal{O}(4; \{6^{20}, 3^{10}, 2^8\})$	601157983606272
6	$\mathcal{O}(4; \{6^{20}, 3^{13}, 2^4\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{20}, 3^{16}\})$	38474110880257536
6	$\mathcal{O}(4; \{6^{21}, 3^2, 2^{17}\})$	4696545618432
6	$\mathcal{O}(4; \{6^{21}, 3^5, 2^{13}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{21}, 3^8, 2^9\})$	300578990123520
6	$\mathcal{O}(4; \{6^{21}, 3^{11}, 2^5\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{21}, 3^{14}, 2\})$	19237055438449152
6	$\mathcal{O}(4; \{6^{22}, 2^{18}\})$	2348274488832
6	$\mathcal{O}(4; \{6^{22}, 3^3, 2^{14}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{22}, 3^6, 2^{10}\})$	150289496741376
6	$\mathcal{O}(4; \{6^{22}, 3^9, 2^6\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{22}, 3^{12}, 2^2\})$	9618527720904192
6	$\mathcal{O}(4; \{6^{23}, 3, 2^{15}\})$	9393094596096
6	$\mathcal{O}(4; \{6^{23}, 3^4, 2^{11}\})$	75144746691072
6	$\mathcal{O}(4; \{6^{23}, 3^7, 2^7\})$	601157983606272
6	$\mathcal{O}(4; \{6^{23}, 3^{10}, 2^3\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{24}, 3^2, 2^{12}\})$	37572375025152
6	$\mathcal{O}(4; \{6^{24}, 3^5, 2^8\})$	300578990123520
6	$\mathcal{O}(4; \{6^{24}, 3^8, 2^4\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{24}, 3^{11}\})$	19237055438449152
6	$\mathcal{O}(4; \{6^{25}, 2^{13}\})$	18786185832960
6	$\mathcal{O}(4; \{6^{25}, 3^3, 2^9\})$	150289496741376
6	$\mathcal{O}(4; \{6^{25}, 3^6, 2^5\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{25}, 3^9, 2\})$	9618527720904192
6	$\mathcal{O}(4; \{6^{26}, 3, 2^{10}\})$	75144746691072
6	$\mathcal{O}(4; \{6^{26}, 3^4, 2^6\})$	601157983606272

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(4; \{6^{26}, 3^7, 2^2\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{27}, 3^2, 2^7\})$	300578990123520
6	$\mathcal{O}(4; \{6^{27}, 3^5, 2^3\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{28}, 2^8\})$	150289496741376
6	$\mathcal{O}(4; \{6^{28}, 3^3, 2^4\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{28}, 3^6\})$	9618527720904192
6	$\mathcal{O}(4; \{6^{29}, 3, 2^5\})$	601157983606272
6	$\mathcal{O}(4; \{6^{29}, 3^4, 2\})$	4809263858772480
6	$\mathcal{O}(4; \{6^{30}, 3^2, 2^2\})$	2404631931065856
6	$\mathcal{O}(4; \{6^{31}, 2^3\})$	1202315963853312
6	$\mathcal{O}(4; \{6^{32}, 3\})$	4809263858772480
6	$\mathcal{O}(3; \{3^2, 2^{56}\})$	93312
6	$\mathcal{O}(3; \{3^5, 2^{52}\})$	466560
6	$\mathcal{O}(3; \{3^8, 2^{48}\})$	4012416
6	$\mathcal{O}(3; \{3^{11}, 2^{44}\})$	31819392
6	$\mathcal{O}(3; \{3^{14}, 2^{40}\})$	254835072
6	$\mathcal{O}(3; \{3^{17}, 2^{36}\})$	2038400640
6	$\mathcal{O}(3; \{3^{20}, 2^{32}\})$	16307485056
6	$\mathcal{O}(3; \{3^{23}, 2^{28}\})$	130459600512
6	$\mathcal{O}(3; \{3^{26}, 2^{24}\})$	1043677084032
6	$\mathcal{O}(3; \{3^{29}, 2^{20}\})$	8349416392320
6	$\mathcal{O}(3; \{3^{32}, 2^{16}\})$	66795331418496
6	$\mathcal{O}(3; \{3^{35}, 2^{12}\})$	534362651068032
6	$\mathcal{O}(3; \{3^{38}, 2^8\})$	4274901208824192
6	$\mathcal{O}(3; \{3^{41}, 2^4\})$	34199209670313600
6	$\mathcal{O}(3; \{3^{44}\})$	269318776153995162
6	$\mathcal{O}(3; \{6, 3^3, 2^{53}\})$	279936
6	$\mathcal{O}(3; \{6, 3^6, 2^{49}\})$	1959552
6	$\mathcal{O}(3; \{6, 3^9, 2^{45}\})$	15956352
6	$\mathcal{O}(3; \{6, 3^{12}, 2^{41}\})$	127370880
6	$\mathcal{O}(3; \{6, 3^{15}, 2^{37}\})$	1019246976
6	$\mathcal{O}(3; \{6, 3^{18}, 2^{33}\})$	8153695872
6	$\mathcal{O}(3; \{6, 3^{21}, 2^{29}\})$	65229846912
6	$\mathcal{O}(3; \{6, 3^{24}, 2^{25}\})$	521838495360
6	$\mathcal{O}(3; \{6, 3^{27}, 2^{21}\})$	4174708242816
6	$\mathcal{O}(3; \{6, 3^{30}, 2^{17}\})$	33397665662592
6	$\mathcal{O}(3; \{6, 3^{33}, 2^{13}\})$	267181325580672
6	$\mathcal{O}(3; \{6, 3^{36}, 2^9\})$	2137450604365440
6	$\mathcal{O}(3; \{6, 3^{39}, 2^5\})$	17099604835203456
6	$\mathcal{O}(3; \{6, 3^{42}, 2\})$	136796838681347712
6	$\mathcal{O}(3; \{6^2, 3, 2^{54}\})$	93312
6	$\mathcal{O}(3; \{6^2, 3^4, 2^{50}\})$	1026432
6	$\mathcal{O}(3; \{6^2, 3^7, 2^{46}\})$	7931520

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^2, 3^{10}, 2^{42}\})$	63732096
6	$\mathcal{O}(3; \{6^2, 3^{13}, 2^{38}\})$	509576832
6	$\mathcal{O}(3; \{6^2, 3^{16}, 2^{34}\})$	4076894592
6	$\mathcal{O}(3; \{6^2, 3^{19}, 2^{30}\})$	32614876800
6	$\mathcal{O}(3; \{6^2, 3^{22}, 2^{26}\})$	260919294336
6	$\mathcal{O}(3; \{6^2, 3^{25}, 2^{22}\})$	2087354074752
6	$\mathcal{O}(3; \{6^2, 3^{28}, 2^{18}\})$	16698832877952
6	$\mathcal{O}(3; \{6^2, 3^{31}, 2^{14}\})$	133590662743680
6	$\mathcal{O}(3; \{6^2, 3^{34}, 2^{10}\})$	1068725302229376
6	$\mathcal{O}(3; \{6^2, 3^{37}, 2^6\})$	8549802417555072
6	$\mathcal{O}(3; \{6^2, 3^{40}, 2^2\})$	68398419340720512
6	$\mathcal{O}(3; \{6^3, 3^2, 2^{51}\})$	466560
6	$\mathcal{O}(3; \{6^3, 3^5, 2^{47}\})$	4012416
6	$\mathcal{O}(3; \{6^3, 3^8, 2^{43}\})$	31819392
6	$\mathcal{O}(3; \{6^3, 3^{11}, 2^{39}\})$	254835072
6	$\mathcal{O}(3; \{6^3, 3^{14}, 2^{35}\})$	2038400640
6	$\mathcal{O}(3; \{6^3, 3^{17}, 2^{31}\})$	16307485056
6	$\mathcal{O}(3; \{6^3, 3^{20}, 2^{27}\})$	130459600512
6	$\mathcal{O}(3; \{6^3, 3^{23}, 2^{23}\})$	1043677084032
6	$\mathcal{O}(3; \{6^3, 3^{26}, 2^{19}\})$	8349416392320
6	$\mathcal{O}(3; \{6^3, 3^{29}, 2^{15}\})$	66795331418496
6	$\mathcal{O}(3; \{6^3, 3^{32}, 2^{11}\})$	534362651068032
6	$\mathcal{O}(3; \{6^3, 3^{35}, 2^7\})$	4274901208824192
6	$\mathcal{O}(3; \{6^3, 3^{38}, 2^3\})$	34199209670313600
6	$\mathcal{O}(3; \{6^4, 2^{52}\})$	279936
6	$\mathcal{O}(3; \{6^4, 3^3, 2^{48}\})$	1959552
6	$\mathcal{O}(3; \{6^4, 3^6, 2^{44}\})$	15956352
6	$\mathcal{O}(3; \{6^4, 3^9, 2^{40}\})$	127370880
6	$\mathcal{O}(3; \{6^4, 3^{12}, 2^{36}\})$	1019246976
6	$\mathcal{O}(3; \{6^4, 3^{15}, 2^{32}\})$	8153695872
6	$\mathcal{O}(3; \{6^4, 3^{18}, 2^{28}\})$	65229846912
6	$\mathcal{O}(3; \{6^4, 3^{21}, 2^{24}\})$	521838495360
6	$\mathcal{O}(3; \{6^4, 3^{24}, 2^{20}\})$	4174708242816
6	$\mathcal{O}(3; \{6^4, 3^{27}, 2^{16}\})$	33397665662592
6	$\mathcal{O}(3; \{6^4, 3^{30}, 2^{12}\})$	267181325580672
6	$\mathcal{O}(3; \{6^4, 3^{33}, 2^8\})$	2137450604365440
6	$\mathcal{O}(3; \{6^4, 3^{36}, 2^4\})$	17099604835203456
6	$\mathcal{O}(3; \{6^4, 3^{39}\})$	136796838681347712
6	$\mathcal{O}(3; \{6^5, 3, 2^{49}\})$	1026432
6	$\mathcal{O}(3; \{6^5, 3^4, 2^{45}\})$	7931520
6	$\mathcal{O}(3; \{6^5, 3^7, 2^{41}\})$	63732096
6	$\mathcal{O}(3; \{6^5, 3^{10}, 2^{37}\})$	509576832
6	$\mathcal{O}(3; \{6^5, 3^{13}, 2^{33}\})$	4076894592

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^5, 3^{16}, 2^{29}\})$	32614876800
6	$\mathcal{O}(3; \{6^5, 3^{19}, 2^{25}\})$	260919294336
6	$\mathcal{O}(3; \{6^5, 3^{22}, 2^{21}\})$	2087354074752
6	$\mathcal{O}(3; \{6^5, 3^{25}, 2^{17}\})$	16698832877952
6	$\mathcal{O}(3; \{6^5, 3^{28}, 2^{13}\})$	133590662743680
6	$\mathcal{O}(3; \{6^5, 3^{31}, 2^9\})$	1068725302229376
6	$\mathcal{O}(3; \{6^5, 3^{34}, 2^5\})$	8549802417555072
6	$\mathcal{O}(3; \{6^5, 3^{37}, 2\})$	68398419340720512
6	$\mathcal{O}(3; \{6^6, 3^2, 2^{46}\})$	4012416
6	$\mathcal{O}(3; \{6^6, 3^5, 2^{42}\})$	31819392
6	$\mathcal{O}(3; \{6^6, 3^8, 2^{38}\})$	254835072
6	$\mathcal{O}(3; \{6^6, 3^{11}, 2^{34}\})$	2038400640
6	$\mathcal{O}(3; \{6^6, 3^{14}, 2^{30}\})$	16307485056
6	$\mathcal{O}(3; \{6^6, 3^{17}, 2^{26}\})$	130459600512
6	$\mathcal{O}(3; \{6^6, 3^{20}, 2^{22}\})$	1043677084032
6	$\mathcal{O}(3; \{6^6, 3^{23}, 2^{18}\})$	8349416392320
6	$\mathcal{O}(3; \{6^6, 3^{26}, 2^{14}\})$	66795331418496
6	$\mathcal{O}(3; \{6^6, 3^{29}, 2^{10}\})$	534362651068032
6	$\mathcal{O}(3; \{6^6, 3^{32}, 2^6\})$	4274901208824192
6	$\mathcal{O}(3; \{6^6, 3^{35}, 2^2\})$	34199209670313600
6	$\mathcal{O}(3; \{6^7, 2^{47}\})$	1959552
6	$\mathcal{O}(3; \{6^7, 3^3, 2^{43}\})$	15956352
6	$\mathcal{O}(3; \{6^7, 3^6, 2^{39}\})$	127370880
6	$\mathcal{O}(3; \{6^7, 3^9, 2^{35}\})$	1019246976
6	$\mathcal{O}(3; \{6^7, 3^{12}, 2^{31}\})$	8153695872
6	$\mathcal{O}(3; \{6^7, 3^{15}, 2^{27}\})$	65229846912
6	$\mathcal{O}(3; \{6^7, 3^{18}, 2^{23}\})$	521838495360
6	$\mathcal{O}(3; \{6^7, 3^{21}, 2^{19}\})$	4174708242816
6	$\mathcal{O}(3; \{6^7, 3^{24}, 2^{15}\})$	33397665662592
6	$\mathcal{O}(3; \{6^7, 3^{27}, 2^{11}\})$	267181325580672
6	$\mathcal{O}(3; \{6^7, 3^{30}, 2^7\})$	2137450604365440
6	$\mathcal{O}(3; \{6^7, 3^{33}, 2^3\})$	17099604835203456
6	$\mathcal{O}(3; \{6^8, 3, 2^{44}\})$	7931520
6	$\mathcal{O}(3; \{6^8, 3^4, 2^{40}\})$	63732096
6	$\mathcal{O}(3; \{6^8, 3^7, 2^{36}\})$	509576832
6	$\mathcal{O}(3; \{6^8, 3^{10}, 2^{32}\})$	4076894592
6	$\mathcal{O}(3; \{6^8, 3^{13}, 2^{28}\})$	32614876800
6	$\mathcal{O}(3; \{6^8, 3^{16}, 2^{24}\})$	260919294336
6	$\mathcal{O}(3; \{6^8, 3^{19}, 2^{20}\})$	2087354074752
6	$\mathcal{O}(3; \{6^8, 3^{22}, 2^{16}\})$	16698832877952
6	$\mathcal{O}(3; \{6^8, 3^{25}, 2^{12}\})$	133590662743680
6	$\mathcal{O}(3; \{6^8, 3^{28}, 2^8\})$	1068725302229376
6	$\mathcal{O}(3; \{6^8, 3^{31}, 2^4\})$	8549802417555072

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^8, 3^{34}\})$	68398419340720512
6	$\mathcal{O}(3; \{6^9, 3^2, 2^{41}\})$	31819392
6	$\mathcal{O}(3; \{6^9, 3^5, 2^{37}\})$	254835072
6	$\mathcal{O}(3; \{6^9, 3^8, 2^{33}\})$	2038400640
6	$\mathcal{O}(3; \{6^9, 3^{11}, 2^{29}\})$	16307485056
6	$\mathcal{O}(3; \{6^9, 3^{14}, 2^{25}\})$	130459600512
6	$\mathcal{O}(3; \{6^9, 3^{17}, 2^{21}\})$	1043677084032
6	$\mathcal{O}(3; \{6^9, 3^{20}, 2^{17}\})$	8349416392320
6	$\mathcal{O}(3; \{6^9, 3^{23}, 2^{13}\})$	66795331418496
6	$\mathcal{O}(3; \{6^9, 3^{26}, 2^9\})$	534362651068032
6	$\mathcal{O}(3; \{6^9, 3^{29}, 2^5\})$	4274901208824192
6	$\mathcal{O}(3; \{6^9, 3^{32}, 2\})$	34199209670313600
6	$\mathcal{O}(3; \{6^{10}, 2^{42}\})$	15956352
6	$\mathcal{O}(3; \{6^{10}, 3^3, 2^{38}\})$	127370880
6	$\mathcal{O}(3; \{6^{10}, 3^6, 2^{34}\})$	1019246976
6	$\mathcal{O}(3; \{6^{10}, 3^9, 2^{30}\})$	8153695872
6	$\mathcal{O}(3; \{6^{10}, 3^{12}, 2^{26}\})$	65229846912
6	$\mathcal{O}(3; \{6^{10}, 3^{15}, 2^{22}\})$	521838495360
6	$\mathcal{O}(3; \{6^{10}, 3^{18}, 2^{18}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{10}, 3^{21}, 2^{14}\})$	33397665662592
6	$\mathcal{O}(3; \{6^{10}, 3^{24}, 2^{10}\})$	267181325580672
6	$\mathcal{O}(3; \{6^{10}, 3^{27}, 2^6\})$	2137450604365440
6	$\mathcal{O}(3; \{6^{10}, 3^{30}, 2^2\})$	17099604835203456
6	$\mathcal{O}(3; \{6^{11}, 3, 2^{39}\})$	63732096
6	$\mathcal{O}(3; \{6^{11}, 3^4, 2^{35}\})$	509576832
6	$\mathcal{O}(3; \{6^{11}, 3^7, 2^{31}\})$	4076894592
6	$\mathcal{O}(3; \{6^{11}, 3^{10}, 2^{27}\})$	32614876800
6	$\mathcal{O}(3; \{6^{11}, 3^{13}, 2^{23}\})$	260919294336
6	$\mathcal{O}(3; \{6^{11}, 3^{16}, 2^{19}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{11}, 3^{19}, 2^{15}\})$	16698832877952
6	$\mathcal{O}(3; \{6^{11}, 3^{22}, 2^{11}\})$	133590662743680
6	$\mathcal{O}(3; \{6^{11}, 3^{25}, 2^7\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{11}, 3^{28}, 2^3\})$	8549802417555072
6	$\mathcal{O}(3; \{6^{12}, 3^2, 2^{36}\})$	254835072
6	$\mathcal{O}(3; \{6^{12}, 3^5, 2^{32}\})$	2038400640
6	$\mathcal{O}(3; \{6^{12}, 3^8, 2^{28}\})$	16307485056
6	$\mathcal{O}(3; \{6^{12}, 3^{11}, 2^{24}\})$	130459600512
6	$\mathcal{O}(3; \{6^{12}, 3^{14}, 2^{20}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{12}, 3^{17}, 2^{16}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{12}, 3^{20}, 2^{12}\})$	66795331418496
6	$\mathcal{O}(3; \{6^{12}, 3^{23}, 2^8\})$	534362651068032
6	$\mathcal{O}(3; \{6^{12}, 3^{26}, 2^4\})$	4274901208824192
6	$\mathcal{O}(3; \{6^{12}, 3^{29}\})$	34199209670313600

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^{13}, 2^{37}\})$	127370880
6	$\mathcal{O}(3; \{6^{13}, 3^3, 2^{33}\})$	1019246976
6	$\mathcal{O}(3; \{6^{13}, 3^6, 2^{29}\})$	8153695872
6	$\mathcal{O}(3; \{6^{13}, 3^9, 2^{25}\})$	65229846912
6	$\mathcal{O}(3; \{6^{13}, 3^{12}, 2^{21}\})$	521838495360
6	$\mathcal{O}(3; \{6^{13}, 3^{15}, 2^{17}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{13}, 3^{18}, 2^{13}\})$	33397665662592
6	$\mathcal{O}(3; \{6^{13}, 3^{21}, 2^9\})$	267181325580672
6	$\mathcal{O}(3; \{6^{13}, 3^{24}, 2^5\})$	2137450604365440
6	$\mathcal{O}(3; \{6^{13}, 3^{27}, 2\})$	17099604835203456
6	$\mathcal{O}(3; \{6^{14}, 3, 2^{34}\})$	509576832
6	$\mathcal{O}(3; \{6^{14}, 3^4, 2^{30}\})$	4076894592
6	$\mathcal{O}(3; \{6^{14}, 3^7, 2^{26}\})$	32614876800
6	$\mathcal{O}(3; \{6^{14}, 3^{10}, 2^{22}\})$	260919294336
6	$\mathcal{O}(3; \{6^{14}, 3^{13}, 2^{18}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{14}, 3^{16}, 2^{14}\})$	16698832877952
6	$\mathcal{O}(3; \{6^{14}, 3^{19}, 2^{10}\})$	133590662743680
6	$\mathcal{O}(3; \{6^{14}, 3^{22}, 2^6\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{14}, 3^{25}, 2^2\})$	8549802417555072
6	$\mathcal{O}(3; \{6^{15}, 3^2, 2^{31}\})$	2038400640
6	$\mathcal{O}(3; \{6^{15}, 3^5, 2^{27}\})$	16307485056
6	$\mathcal{O}(3; \{6^{15}, 3^8, 2^{23}\})$	130459600512
6	$\mathcal{O}(3; \{6^{15}, 3^{11}, 2^{19}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{15}, 3^{14}, 2^{15}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{15}, 3^{17}, 2^{11}\})$	66795331418496
6	$\mathcal{O}(3; \{6^{15}, 3^{20}, 2^7\})$	534362651068032
6	$\mathcal{O}(3; \{6^{15}, 3^{23}, 2^3\})$	4274901208824192
6	$\mathcal{O}(3; \{6^{16}, 2^{32}\})$	1019246976
6	$\mathcal{O}(3; \{6^{16}, 3^3, 2^{28}\})$	8153695872
6	$\mathcal{O}(3; \{6^{16}, 3^6, 2^{24}\})$	65229846912
6	$\mathcal{O}(3; \{6^{16}, 3^9, 2^{20}\})$	521838495360
6	$\mathcal{O}(3; \{6^{16}, 3^{12}, 2^{16}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{16}, 3^{15}, 2^{12}\})$	33397665662592
6	$\mathcal{O}(3; \{6^{16}, 3^{18}, 2^8\})$	267181325580672
6	$\mathcal{O}(3; \{6^{16}, 3^{21}, 2^4\})$	2137450604365440
6	$\mathcal{O}(3; \{6^{16}, 3^{24}\})$	17099604835203456
6	$\mathcal{O}(3; \{6^{17}, 3, 2^{29}\})$	4076894592
6	$\mathcal{O}(3; \{6^{17}, 3^4, 2^{25}\})$	32614876800
6	$\mathcal{O}(3; \{6^{17}, 3^7, 2^{21}\})$	260919294336
6	$\mathcal{O}(3; \{6^{17}, 3^{10}, 2^{17}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{17}, 3^{13}, 2^{13}\})$	16698832877952
6	$\mathcal{O}(3; \{6^{17}, 3^{16}, 2^9\})$	133590662743680
6	$\mathcal{O}(3; \{6^{17}, 3^{19}, 2^5\})$	1068725302229376

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^{17}, 3^{22}, 2\})$	8549802417555072
6	$\mathcal{O}(3; \{6^{18}, 3^2, 2^{26}\})$	16307485056
6	$\mathcal{O}(3; \{6^{18}, 3^5, 2^{22}\})$	130459600512
6	$\mathcal{O}(3; \{6^{18}, 3^8, 2^{18}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{18}, 3^{11}, 2^{14}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{18}, 3^{14}, 2^{10}\})$	66795331418496
6	$\mathcal{O}(3; \{6^{18}, 3^{17}, 2^6\})$	534362651068032
6	$\mathcal{O}(3; \{6^{18}, 3^{20}, 2^2\})$	4274901208824192
6	$\mathcal{O}(3; \{6^{19}, 2^{27}\})$	8153695872
6	$\mathcal{O}(3; \{6^{19}, 3^3, 2^{23}\})$	65229846912
6	$\mathcal{O}(3; \{6^{19}, 3^6, 2^{19}\})$	521838495360
6	$\mathcal{O}(3; \{6^{19}, 3^9, 2^{15}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{19}, 3^{12}, 2^{11}\})$	33397665662592
6	$\mathcal{O}(3; \{6^{19}, 3^{15}, 2^7\})$	267181325580672
6	$\mathcal{O}(3; \{6^{19}, 3^{18}, 2^3\})$	2137450604365440
6	$\mathcal{O}(3; \{6^{20}, 3, 2^{24}\})$	32614876800
6	$\mathcal{O}(3; \{6^{20}, 3^4, 2^{20}\})$	260919294336
6	$\mathcal{O}(3; \{6^{20}, 3^7, 2^{16}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{20}, 3^{10}, 2^{12}\})$	16698832877952
6	$\mathcal{O}(3; \{6^{20}, 3^{13}, 2^8\})$	133590662743680
6	$\mathcal{O}(3; \{6^{20}, 3^{16}, 2^4\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{20}, 3^{19}\})$	8549802417555072
6	$\mathcal{O}(3; \{6^{21}, 3^2, 2^{21}\})$	130459600512
6	$\mathcal{O}(3; \{6^{21}, 3^5, 2^{17}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{21}, 3^8, 2^{13}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{21}, 3^{11}, 2^9\})$	66795331418496
6	$\mathcal{O}(3; \{6^{21}, 3^{14}, 2^5\})$	534362651068032
6	$\mathcal{O}(3; \{6^{21}, 3^{17}, 2\})$	4274901208824192
6	$\mathcal{O}(3; \{6^{22}, 2^{22}\})$	65229846912
6	$\mathcal{O}(3; \{6^{22}, 3^3, 2^{18}\})$	521838495360
6	$\mathcal{O}(3; \{6^{22}, 3^6, 2^{14}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{22}, 3^9, 2^{10}\})$	33397665662592
6	$\mathcal{O}(3; \{6^{22}, 3^{12}, 2^6\})$	267181325580672
6	$\mathcal{O}(3; \{6^{22}, 3^{15}, 2^2\})$	2137450604365440
6	$\mathcal{O}(3; \{6^{23}, 3, 2^{19}\})$	260919294336
6	$\mathcal{O}(3; \{6^{23}, 3^4, 2^{15}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{23}, 3^7, 2^{11}\})$	16698832877952
6	$\mathcal{O}(3; \{6^{23}, 3^{10}, 2^7\})$	133590662743680
6	$\mathcal{O}(3; \{6^{23}, 3^{13}, 2^3\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{24}, 3^2, 2^{16}\})$	1043677084032
6	$\mathcal{O}(3; \{6^{24}, 3^5, 2^{12}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{24}, 3^8, 2^8\})$	66795331418496
6	$\mathcal{O}(3; \{6^{24}, 3^{11}, 2^4\})$	534362651068032

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(3; \{6^{24}, 3^{14}\})$	4274901208824192
6	$\mathcal{O}(3; \{6^{25}, 2^{17}\})$	521838495360
6	$\mathcal{O}(3; \{6^{25}, 3^3, 2^{13}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{25}, 3^6, 2^9\})$	33397665662592
6	$\mathcal{O}(3; \{6^{25}, 3^9, 2^5\})$	267181325580672
6	$\mathcal{O}(3; \{6^{25}, 3^{12}, 2\})$	2137450604365440
6	$\mathcal{O}(3; \{6^{26}, 3, 2^{14}\})$	2087354074752
6	$\mathcal{O}(3; \{6^{26}, 3^4, 2^{10}\})$	16698832877952
6	$\mathcal{O}(3; \{6^{26}, 3^7, 2^6\})$	133590662743680
6	$\mathcal{O}(3; \{6^{26}, 3^{10}, 2^2\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{27}, 3^2, 2^{11}\})$	8349416392320
6	$\mathcal{O}(3; \{6^{27}, 3^5, 2^7\})$	66795331418496
6	$\mathcal{O}(3; \{6^{27}, 3^8, 2^3\})$	534362651068032
6	$\mathcal{O}(3; \{6^{28}, 2^{12}\})$	4174708242816
6	$\mathcal{O}(3; \{6^{28}, 3^3, 2^8\})$	33397665662592
6	$\mathcal{O}(3; \{6^{28}, 3^6, 2^4\})$	267181325580672
6	$\mathcal{O}(3; \{6^{28}, 3^9\})$	2137450604365440
6	$\mathcal{O}(3; \{6^{29}, 3, 2^9\})$	16698832877952
6	$\mathcal{O}(3; \{6^{29}, 3^4, 2^5\})$	133590662743680
6	$\mathcal{O}(3; \{6^{29}, 3^7, 2\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{30}, 3^2, 2^6\})$	66795331418496
6	$\mathcal{O}(3; \{6^{30}, 3^5, 2^2\})$	534362651068032
6	$\mathcal{O}(3; \{6^{31}, 2^7\})$	33397665662592
6	$\mathcal{O}(3; \{6^{31}, 3^3, 2^3\})$	267181325580672
6	$\mathcal{O}(3; \{6^{32}, 3, 2^4\})$	133590662743680
6	$\mathcal{O}(3; \{6^{32}, 3^4\})$	1068725302229376
6	$\mathcal{O}(3; \{6^{33}, 3^2, 2\})$	534362651068032
6	$\mathcal{O}(3; \{6^{34}, 2^2\})$	267181325580672
6	$\mathcal{O}(2; \{3^2, 2^{60}\})$	2592
6	$\mathcal{O}(2; \{3^5, 2^{56}\})$	12960
6	$\mathcal{O}(2; \{3^8, 2^{52}\})$	111456
6	$\mathcal{O}(2; \{3^{11}, 2^{48}\})$	883872
6	$\mathcal{O}(2; \{3^{14}, 2^{44}\})$	7078752
6	$\mathcal{O}(2; \{3^{17}, 2^{40}\})$	56622240
6	$\mathcal{O}(2; \{3^{20}, 2^{36}\})$	452985696
6	$\mathcal{O}(2; \{3^{23}, 2^{32}\})$	3623877792
6	$\mathcal{O}(2; \{3^{26}, 2^{28}\})$	28991030112
6	$\mathcal{O}(2; \{3^{29}, 2^{24}\})$	231928233120
6	$\mathcal{O}(2; \{3^{32}, 2^{20}\})$	1855425872736
6	$\mathcal{O}(2; \{3^{35}, 2^{16}\})$	14843406974112
6	$\mathcal{O}(2; \{3^{38}, 2^{12}\})$	118747255800672
6	$\mathcal{O}(2; \{3^{41}, 2^8\})$	949978046397600
6	$\mathcal{O}(2; \{3^{44}, 2^4\})$	7599824371188576

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{3^{47}\})$	56998682783907030
6	$\mathcal{O}(2; \{6, 3^3, 2^{57}\})$	7776
6	$\mathcal{O}(2; \{6, 3^6, 2^{53}\})$	54432
6	$\mathcal{O}(2; \{6, 3^9, 2^{49}\})$	443232
6	$\mathcal{O}(2; \{6, 3^{12}, 2^{45}\})$	3538080
6	$\mathcal{O}(2; \{6, 3^{15}, 2^{41}\})$	28312416
6	$\mathcal{O}(2; \{6, 3^{18}, 2^{37}\})$	226491552
6	$\mathcal{O}(2; \{6, 3^{21}, 2^{33}\})$	1811940192
6	$\mathcal{O}(2; \{6, 3^{24}, 2^{29}\})$	14495513760
6	$\mathcal{O}(2; \{6, 3^{27}, 2^{25}\})$	115964117856
6	$\mathcal{O}(2; \{6, 3^{30}, 2^{21}\})$	927712935072
6	$\mathcal{O}(2; \{6, 3^{33}, 2^{17}\})$	7421703488352
6	$\mathcal{O}(2; \{6, 3^{36}, 2^{13}\})$	59373627899040
6	$\mathcal{O}(2; \{6, 3^{39}, 2^9\})$	474989023200096
6	$\mathcal{O}(2; \{6, 3^{42}, 2^5\})$	3799912185592992
6	$\mathcal{O}(2; \{6, 3^{45}, 2\})$	30399297484751712
6	$\mathcal{O}(2; \{6^2, 3, 2^{58}\})$	2592
6	$\mathcal{O}(2; \{6^2, 3^4, 2^{54}\})$	28512
6	$\mathcal{O}(2; \{6^2, 3^7, 2^{50}\})$	220320
6	$\mathcal{O}(2; \{6^2, 3^{10}, 2^{46}\})$	1770336
6	$\mathcal{O}(2; \{6^2, 3^{13}, 2^{42}\})$	14154912
6	$\mathcal{O}(2; \{6^2, 3^{16}, 2^{38}\})$	113247072
6	$\mathcal{O}(2; \{6^2, 3^{19}, 2^{34}\})$	905968800
6	$\mathcal{O}(2; \{6^2, 3^{22}, 2^{30}\})$	7247758176
6	$\mathcal{O}(2; \{6^2, 3^{25}, 2^{26}\})$	57982057632
6	$\mathcal{O}(2; \{6^2, 3^{28}, 2^{22}\})$	463856468832
6	$\mathcal{O}(2; \{6^2, 3^{31}, 2^{18}\})$	3710851742880
6	$\mathcal{O}(2; \{6^2, 3^{34}, 2^{14}\})$	29686813950816
6	$\mathcal{O}(2; \{6^2, 3^{37}, 2^{10}\})$	237494511598752
6	$\mathcal{O}(2; \{6^2, 3^{40}, 2^6\})$	1899956092797792
6	$\mathcal{O}(2; \{6^2, 3^{43}, 2^2\})$	15199648742374560
6	$\mathcal{O}(2; \{6^3, 3^2, 2^{55}\})$	12960
6	$\mathcal{O}(2; \{6^3, 3^5, 2^{51}\})$	111456
6	$\mathcal{O}(2; \{6^3, 3^8, 2^{47}\})$	883872
6	$\mathcal{O}(2; \{6^3, 3^{11}, 2^{43}\})$	7078752
6	$\mathcal{O}(2; \{6^3, 3^{14}, 2^{39}\})$	56622240
6	$\mathcal{O}(2; \{6^3, 3^{17}, 2^{35}\})$	452985696
6	$\mathcal{O}(2; \{6^3, 3^{20}, 2^{31}\})$	3623877792
6	$\mathcal{O}(2; \{6^3, 3^{23}, 2^{27}\})$	28991030112
6	$\mathcal{O}(2; \{6^3, 3^{26}, 2^{23}\})$	231928233120
6	$\mathcal{O}(2; \{6^3, 3^{29}, 2^{19}\})$	1855425872736
6	$\mathcal{O}(2; \{6^3, 3^{32}, 2^{15}\})$	14843406974112
6	$\mathcal{O}(2; \{6^3, 3^{35}, 2^{11}\})$	118747255800672

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^3, 3^{38}, 2^7\})$	949978046397600
6	$\mathcal{O}(2; \{6^3, 3^{41}, 2^3\})$	7599824371188576
6	$\mathcal{O}(2; \{6^4, 2^{56}\})$	7776
6	$\mathcal{O}(2; \{6^4, 3^3, 2^{52}\})$	54432
6	$\mathcal{O}(2; \{6^4, 3^6, 2^{48}\})$	443232
6	$\mathcal{O}(2; \{6^4, 3^9, 2^{44}\})$	3538080
6	$\mathcal{O}(2; \{6^4, 3^{12}, 2^{40}\})$	28312416
6	$\mathcal{O}(2; \{6^4, 3^{15}, 2^{36}\})$	226491552
6	$\mathcal{O}(2; \{6^4, 3^{18}, 2^{32}\})$	1811940192
6	$\mathcal{O}(2; \{6^4, 3^{21}, 2^{28}\})$	14495513760
6	$\mathcal{O}(2; \{6^4, 3^{24}, 2^{24}\})$	115964117856
6	$\mathcal{O}(2; \{6^4, 3^{27}, 2^{20}\})$	927712935072
6	$\mathcal{O}(2; \{6^4, 3^{30}, 2^{16}\})$	7421703488352
6	$\mathcal{O}(2; \{6^4, 3^{33}, 2^{12}\})$	59373627899040
6	$\mathcal{O}(2; \{6^4, 3^{36}, 2^8\})$	474989023200096
6	$\mathcal{O}(2; \{6^4, 3^{39}, 2^4\})$	3799912185592992
6	$\mathcal{O}(2; \{6^4, 3^{42}\})$	30399297484751712
6	$\mathcal{O}(2; \{6^5, 3, 2^{53}\})$	28512
6	$\mathcal{O}(2; \{6^5, 3^4, 2^{49}\})$	220320
6	$\mathcal{O}(2; \{6^5, 3^7, 2^{45}\})$	1770336
6	$\mathcal{O}(2; \{6^5, 3^{10}, 2^{41}\})$	14154912
6	$\mathcal{O}(2; \{6^5, 3^{13}, 2^{37}\})$	113247072
6	$\mathcal{O}(2; \{6^5, 3^{16}, 2^{33}\})$	905968800
6	$\mathcal{O}(2; \{6^5, 3^{19}, 2^{29}\})$	7247758176
6	$\mathcal{O}(2; \{6^5, 3^{22}, 2^{25}\})$	57982057632
6	$\mathcal{O}(2; \{6^5, 3^{25}, 2^{21}\})$	463856468832
6	$\mathcal{O}(2; \{6^5, 3^{28}, 2^{17}\})$	3710851742880
6	$\mathcal{O}(2; \{6^5, 3^{31}, 2^{13}\})$	29686813950816
6	$\mathcal{O}(2; \{6^5, 3^{34}, 2^9\})$	237494511598752
6	$\mathcal{O}(2; \{6^5, 3^{37}, 2^5\})$	1899956092797792
6	$\mathcal{O}(2; \{6^5, 3^{40}, 2\})$	15199648742374560
6	$\mathcal{O}(2; \{6^6, 3^2, 2^{50}\})$	111456
6	$\mathcal{O}(2; \{6^6, 3^5, 2^{46}\})$	883872
6	$\mathcal{O}(2; \{6^6, 3^8, 2^{42}\})$	7078752
6	$\mathcal{O}(2; \{6^6, 3^{11}, 2^{38}\})$	56622240
6	$\mathcal{O}(2; \{6^6, 3^{14}, 2^{34}\})$	452985696
6	$\mathcal{O}(2; \{6^6, 3^{17}, 2^{30}\})$	3623877792
6	$\mathcal{O}(2; \{6^6, 3^{20}, 2^{26}\})$	28991030112
6	$\mathcal{O}(2; \{6^6, 3^{23}, 2^{22}\})$	231928233120
6	$\mathcal{O}(2; \{6^6, 3^{26}, 2^{18}\})$	1855425872736
6	$\mathcal{O}(2; \{6^6, 3^{29}, 2^{14}\})$	14843406974112
6	$\mathcal{O}(2; \{6^6, 3^{32}, 2^{10}\})$	118747255800672
6	$\mathcal{O}(2; \{6^6, 3^{35}, 2^6\})$	949978046397600

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^6, 3^{38}, 2^2\})$	7599824371188576
6	$\mathcal{O}(2; \{6^7, 2^{51}\})$	54432
6	$\mathcal{O}(2; \{6^7, 3^3, 2^{47}\})$	443232
6	$\mathcal{O}(2; \{6^7, 3^6, 2^{43}\})$	3538080
6	$\mathcal{O}(2; \{6^7, 3^9, 2^{39}\})$	28312416
6	$\mathcal{O}(2; \{6^7, 3^{12}, 2^{35}\})$	226491552
6	$\mathcal{O}(2; \{6^7, 3^{15}, 2^{31}\})$	1811940192
6	$\mathcal{O}(2; \{6^7, 3^{18}, 2^{27}\})$	14495513760
6	$\mathcal{O}(2; \{6^7, 3^{21}, 2^{23}\})$	115964117856
6	$\mathcal{O}(2; \{6^7, 3^{24}, 2^{19}\})$	927712935072
6	$\mathcal{O}(2; \{6^7, 3^{27}, 2^{15}\})$	7421703488352
6	$\mathcal{O}(2; \{6^7, 3^{30}, 2^{11}\})$	59373627899040
6	$\mathcal{O}(2; \{6^7, 3^{33}, 2^7\})$	474989023200096
6	$\mathcal{O}(2; \{6^7, 3^{36}, 2^3\})$	3799912185592992
6	$\mathcal{O}(2; \{6^8, 3, 2^{48}\})$	220320
6	$\mathcal{O}(2; \{6^8, 3^4, 2^{44}\})$	1770336
6	$\mathcal{O}(2; \{6^8, 3^7, 2^{40}\})$	14154912
6	$\mathcal{O}(2; \{6^8, 3^{10}, 2^{36}\})$	113247072
6	$\mathcal{O}(2; \{6^8, 3^{13}, 2^{32}\})$	905968800
6	$\mathcal{O}(2; \{6^8, 3^{16}, 2^{28}\})$	7247758176
6	$\mathcal{O}(2; \{6^8, 3^{19}, 2^{24}\})$	57982057632
6	$\mathcal{O}(2; \{6^8, 3^{22}, 2^{20}\})$	463856468832
6	$\mathcal{O}(2; \{6^8, 3^{25}, 2^{16}\})$	3710851742880
6	$\mathcal{O}(2; \{6^8, 3^{28}, 2^{12}\})$	29686813950816
6	$\mathcal{O}(2; \{6^8, 3^{31}, 2^8\})$	237494511598752
6	$\mathcal{O}(2; \{6^8, 3^{34}, 2^4\})$	1899956092797792
6	$\mathcal{O}(2; \{6^8, 3^{37}\})$	15199648742374560
6	$\mathcal{O}(2; \{6^9, 3^2, 2^{45}\})$	883872
6	$\mathcal{O}(2; \{6^9, 3^5, 2^{41}\})$	7078752
6	$\mathcal{O}(2; \{6^9, 3^8, 2^{37}\})$	56622240
6	$\mathcal{O}(2; \{6^9, 3^{11}, 2^{33}\})$	452985696
6	$\mathcal{O}(2; \{6^9, 3^{14}, 2^{29}\})$	3623877792
6	$\mathcal{O}(2; \{6^9, 3^{17}, 2^{25}\})$	28991030112
6	$\mathcal{O}(2; \{6^9, 3^{20}, 2^{21}\})$	231928233120
6	$\mathcal{O}(2; \{6^9, 3^{23}, 2^{17}\})$	1855425872736
6	$\mathcal{O}(2; \{6^9, 3^{26}, 2^{13}\})$	14843406974112
6	$\mathcal{O}(2; \{6^9, 3^{29}, 2^9\})$	118747255800672
6	$\mathcal{O}(2; \{6^9, 3^{32}, 2^5\})$	949978046397600
6	$\mathcal{O}(2; \{6^9, 3^{35}, 2\})$	7599824371188576
6	$\mathcal{O}(2; \{6^{10}, 2^{46}\})$	443232
6	$\mathcal{O}(2; \{6^{10}, 3^3, 2^{42}\})$	3538080
6	$\mathcal{O}(2; \{6^{10}, 3^6, 2^{38}\})$	28312416
6	$\mathcal{O}(2; \{6^{10}, 3^9, 2^{34}\})$	226491552

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^{10}, 3^{12}, 2^{30}\})$	1811940192
6	$\mathcal{O}(2; \{6^{10}, 3^{15}, 2^{26}\})$	14495513760
6	$\mathcal{O}(2; \{6^{10}, 3^{18}, 2^{22}\})$	115964117856
6	$\mathcal{O}(2; \{6^{10}, 3^{21}, 2^{18}\})$	927712935072
6	$\mathcal{O}(2; \{6^{10}, 3^{24}, 2^{14}\})$	7421703488352
6	$\mathcal{O}(2; \{6^{10}, 3^{27}, 2^{10}\})$	59373627899040
6	$\mathcal{O}(2; \{6^{10}, 3^{30}, 2^6\})$	474989023200096
6	$\mathcal{O}(2; \{6^{10}, 3^{33}, 2^2\})$	3799912185592992
6	$\mathcal{O}(2; \{6^{11}, 3, 2^{43}\})$	1770336
6	$\mathcal{O}(2; \{6^{11}, 3^4, 2^{39}\})$	14154912
6	$\mathcal{O}(2; \{6^{11}, 3^7, 2^{35}\})$	113247072
6	$\mathcal{O}(2; \{6^{11}, 3^{10}, 2^{31}\})$	905968800
6	$\mathcal{O}(2; \{6^{11}, 3^{13}, 2^{27}\})$	7247758176
6	$\mathcal{O}(2; \{6^{11}, 3^{16}, 2^{23}\})$	57982057632
6	$\mathcal{O}(2; \{6^{11}, 3^{19}, 2^{19}\})$	463856468832
6	$\mathcal{O}(2; \{6^{11}, 3^{22}, 2^{15}\})$	3710851742880
6	$\mathcal{O}(2; \{6^{11}, 3^{25}, 2^{11}\})$	29686813950816
6	$\mathcal{O}(2; \{6^{11}, 3^{28}, 2^7\})$	237494511598752
6	$\mathcal{O}(2; \{6^{11}, 3^{31}, 2^3\})$	1899956092797792
6	$\mathcal{O}(2; \{6^{12}, 3^2, 2^{40}\})$	7078752
6	$\mathcal{O}(2; \{6^{12}, 3^5, 2^{36}\})$	56622240
6	$\mathcal{O}(2; \{6^{12}, 3^8, 2^{32}\})$	452985696
6	$\mathcal{O}(2; \{6^{12}, 3^{11}, 2^{28}\})$	3623877792
6	$\mathcal{O}(2; \{6^{12}, 3^{14}, 2^{24}\})$	28991030112
6	$\mathcal{O}(2; \{6^{12}, 3^{17}, 2^{20}\})$	231928233120
6	$\mathcal{O}(2; \{6^{12}, 3^{20}, 2^{16}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{12}, 3^{23}, 2^{12}\})$	14843406974112
6	$\mathcal{O}(2; \{6^{12}, 3^{26}, 2^8\})$	118747255800672
6	$\mathcal{O}(2; \{6^{12}, 3^{29}, 2^4\})$	949978046397600
6	$\mathcal{O}(2; \{6^{12}, 3^{32}\})$	7599824371188576
6	$\mathcal{O}(2; \{6^{13}, 2^{41}\})$	3538080
6	$\mathcal{O}(2; \{6^{13}, 3^3, 2^{37}\})$	28312416
6	$\mathcal{O}(2; \{6^{13}, 3^6, 2^{33}\})$	226491552
6	$\mathcal{O}(2; \{6^{13}, 3^9, 2^{29}\})$	1811940192
6	$\mathcal{O}(2; \{6^{13}, 3^{12}, 2^{25}\})$	14495513760
6	$\mathcal{O}(2; \{6^{13}, 3^{15}, 2^{21}\})$	115964117856
6	$\mathcal{O}(2; \{6^{13}, 3^{18}, 2^{17}\})$	927712935072
6	$\mathcal{O}(2; \{6^{13}, 3^{21}, 2^{13}\})$	7421703488352
6	$\mathcal{O}(2; \{6^{13}, 3^{24}, 2^9\})$	59373627899040
6	$\mathcal{O}(2; \{6^{13}, 3^{27}, 2^5\})$	474989023200096
6	$\mathcal{O}(2; \{6^{13}, 3^{30}, 2\})$	3799912185592992
6	$\mathcal{O}(2; \{6^{14}, 3, 2^{38}\})$	14154912
6	$\mathcal{O}(2; \{6^{14}, 3^4, 2^{34}\})$	113247072

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^{14}, 3^7, 2^{30}\})$	905968800
6	$\mathcal{O}(2; \{6^{14}, 3^{10}, 2^{26}\})$	7247758176
6	$\mathcal{O}(2; \{6^{14}, 3^{13}, 2^{22}\})$	57982057632
6	$\mathcal{O}(2; \{6^{14}, 3^{16}, 2^{18}\})$	463856468832
6	$\mathcal{O}(2; \{6^{14}, 3^{19}, 2^{14}\})$	3710851742880
6	$\mathcal{O}(2; \{6^{14}, 3^{22}, 2^{10}\})$	29686813950816
6	$\mathcal{O}(2; \{6^{14}, 3^{25}, 2^6\})$	237494511598752
6	$\mathcal{O}(2; \{6^{14}, 3^{28}, 2^2\})$	1899956092797792
6	$\mathcal{O}(2; \{6^{15}, 3^2, 2^{35}\})$	56622240
6	$\mathcal{O}(2; \{6^{15}, 3^5, 2^{31}\})$	452985696
6	$\mathcal{O}(2; \{6^{15}, 3^8, 2^{27}\})$	3623877792
6	$\mathcal{O}(2; \{6^{15}, 3^{11}, 2^{23}\})$	28991030112
6	$\mathcal{O}(2; \{6^{15}, 3^{14}, 2^{19}\})$	231928233120
6	$\mathcal{O}(2; \{6^{15}, 3^{17}, 2^{15}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{15}, 3^{20}, 2^{11}\})$	14843406974112
6	$\mathcal{O}(2; \{6^{15}, 3^{23}, 2^7\})$	118747255800672
6	$\mathcal{O}(2; \{6^{15}, 3^{26}, 2^3\})$	949978046397600
6	$\mathcal{O}(2; \{6^{16}, 2^{36}\})$	28312416
6	$\mathcal{O}(2; \{6^{16}, 3^3, 2^{32}\})$	226491552
6	$\mathcal{O}(2; \{6^{16}, 3^6, 2^{28}\})$	1811940192
6	$\mathcal{O}(2; \{6^{16}, 3^9, 2^{24}\})$	14495513760
6	$\mathcal{O}(2; \{6^{16}, 3^{12}, 2^{20}\})$	115964117856
6	$\mathcal{O}(2; \{6^{16}, 3^{15}, 2^{16}\})$	927712935072
6	$\mathcal{O}(2; \{6^{16}, 3^{18}, 2^{12}\})$	7421703488352
6	$\mathcal{O}(2; \{6^{16}, 3^{21}, 2^8\})$	59373627899040
6	$\mathcal{O}(2; \{6^{16}, 3^{24}, 2^4\})$	474989023200096
6	$\mathcal{O}(2; \{6^{16}, 3^{27}\})$	3799912185592992
6	$\mathcal{O}(2; \{6^{17}, 3, 2^{33}\})$	113247072
6	$\mathcal{O}(2; \{6^{17}, 3^4, 2^{29}\})$	905968800
6	$\mathcal{O}(2; \{6^{17}, 3^7, 2^{25}\})$	7247758176
6	$\mathcal{O}(2; \{6^{17}, 3^{10}, 2^{21}\})$	57982057632
6	$\mathcal{O}(2; \{6^{17}, 3^{13}, 2^{17}\})$	463856468832
6	$\mathcal{O}(2; \{6^{17}, 3^{16}, 2^{13}\})$	3710851742880
6	$\mathcal{O}(2; \{6^{17}, 3^{19}, 2^9\})$	29686813950816
6	$\mathcal{O}(2; \{6^{17}, 3^{22}, 2^5\})$	237494511598752
6	$\mathcal{O}(2; \{6^{17}, 3^{25}, 2\})$	1899956092797792
6	$\mathcal{O}(2; \{6^{18}, 3^2, 2^{30}\})$	452985696
6	$\mathcal{O}(2; \{6^{18}, 3^5, 2^{26}\})$	3623877792
6	$\mathcal{O}(2; \{6^{18}, 3^8, 2^{22}\})$	28991030112
6	$\mathcal{O}(2; \{6^{18}, 3^{11}, 2^{18}\})$	231928233120
6	$\mathcal{O}(2; \{6^{18}, 3^{14}, 2^{14}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{18}, 3^{17}, 2^{10}\})$	14843406974112
6	$\mathcal{O}(2; \{6^{18}, 3^{20}, 2^6\})$	118747255800672

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^{18}, 3^{23}, 2^2\})$	949978046397600
6	$\mathcal{O}(2; \{6^{19}, 2^{31}\})$	226491552
6	$\mathcal{O}(2; \{6^{19}, 3^3, 2^{27}\})$	1811940192
6	$\mathcal{O}(2; \{6^{19}, 3^6, 2^{23}\})$	14495513760
6	$\mathcal{O}(2; \{6^{19}, 3^9, 2^{19}\})$	115964117856
6	$\mathcal{O}(2; \{6^{19}, 3^{12}, 2^{15}\})$	927712935072
6	$\mathcal{O}(2; \{6^{19}, 3^{15}, 2^{11}\})$	7421703488352
6	$\mathcal{O}(2; \{6^{19}, 3^{18}, 2^7\})$	59373627899040
6	$\mathcal{O}(2; \{6^{19}, 3^{21}, 2^3\})$	474989023200096
6	$\mathcal{O}(2; \{6^{20}, 3, 2^{28}\})$	905968800
6	$\mathcal{O}(2; \{6^{20}, 3^4, 2^{24}\})$	7247758176
6	$\mathcal{O}(2; \{6^{20}, 3^7, 2^{20}\})$	57982057632
6	$\mathcal{O}(2; \{6^{20}, 3^{10}, 2^{16}\})$	463856468832
6	$\mathcal{O}(2; \{6^{20}, 3^{13}, 2^{12}\})$	3710851742880
6	$\mathcal{O}(2; \{6^{20}, 3^{16}, 2^8\})$	29686813950816
6	$\mathcal{O}(2; \{6^{20}, 3^{19}, 2^4\})$	237494511598752
6	$\mathcal{O}(2; \{6^{20}, 3^{22}\})$	1899956092797792
6	$\mathcal{O}(2; \{6^{21}, 3^2, 2^{25}\})$	3623877792
6	$\mathcal{O}(2; \{6^{21}, 3^5, 2^{21}\})$	28991030112
6	$\mathcal{O}(2; \{6^{21}, 3^8, 2^{17}\})$	231928233120
6	$\mathcal{O}(2; \{6^{21}, 3^{11}, 2^{13}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{21}, 3^{14}, 2^9\})$	14843406974112
6	$\mathcal{O}(2; \{6^{21}, 3^{17}, 2^5\})$	118747255800672
6	$\mathcal{O}(2; \{6^{21}, 3^{20}, 2\})$	949978046397600
6	$\mathcal{O}(2; \{6^{22}, 2^{26}\})$	1811940192
6	$\mathcal{O}(2; \{6^{22}, 3^3, 2^{22}\})$	14495513760
6	$\mathcal{O}(2; \{6^{22}, 3^6, 2^{18}\})$	115964117856
6	$\mathcal{O}(2; \{6^{22}, 3^9, 2^{14}\})$	927712935072
6	$\mathcal{O}(2; \{6^{22}, 3^{12}, 2^{10}\})$	7421703488352
6	$\mathcal{O}(2; \{6^{22}, 3^{15}, 2^6\})$	59373627899040
6	$\mathcal{O}(2; \{6^{22}, 3^{18}, 2^2\})$	474989023200096
6	$\mathcal{O}(2; \{6^{23}, 3, 2^{23}\})$	7247758176
6	$\mathcal{O}(2; \{6^{23}, 3^4, 2^{19}\})$	57982057632
6	$\mathcal{O}(2; \{6^{23}, 3^7, 2^{15}\})$	463856468832
6	$\mathcal{O}(2; \{6^{23}, 3^{10}, 2^{11}\})$	3710851742880
6	$\mathcal{O}(2; \{6^{23}, 3^{13}, 2^7\})$	29686813950816
6	$\mathcal{O}(2; \{6^{23}, 3^{16}, 2^3\})$	237494511598752
6	$\mathcal{O}(2; \{6^{24}, 3^2, 2^{20}\})$	28991030112
6	$\mathcal{O}(2; \{6^{24}, 3^5, 2^{16}\})$	231928233120
6	$\mathcal{O}(2; \{6^{24}, 3^8, 2^{12}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{24}, 3^{11}, 2^8\})$	14843406974112
6	$\mathcal{O}(2; \{6^{24}, 3^{14}, 2^4\})$	118747255800672
6	$\mathcal{O}(2; \{6^{24}, 3^{17}\})$	949978046397600

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(2; \{6^{25}, 2^{21}\})$	14495513760
6	$\mathcal{O}(2; \{6^{25}, 3^3, 2^{17}\})$	115964117856
6	$\mathcal{O}(2; \{6^{25}, 3^6, 2^{13}\})$	927712935072
6	$\mathcal{O}(2; \{6^{25}, 3^9, 2^9\})$	7421703488352
6	$\mathcal{O}(2; \{6^{25}, 3^{12}, 2^5\})$	59373627899040
6	$\mathcal{O}(2; \{6^{25}, 3^{15}, 2\})$	474989023200096
6	$\mathcal{O}(2; \{6^{26}, 3, 2^{18}\})$	57982057632
6	$\mathcal{O}(2; \{6^{26}, 3^4, 2^{14}\})$	463856468832
6	$\mathcal{O}(2; \{6^{26}, 3^7, 2^{10}\})$	3710851742880
6	$\mathcal{O}(2; \{6^{26}, 3^{10}, 2^6\})$	29686813950816
6	$\mathcal{O}(2; \{6^{26}, 3^{13}, 2^2\})$	237494511598752
6	$\mathcal{O}(2; \{6^{27}, 3^2, 2^{15}\})$	231928233120
6	$\mathcal{O}(2; \{6^{27}, 3^5, 2^{11}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{27}, 3^8, 2^7\})$	14843406974112
6	$\mathcal{O}(2; \{6^{27}, 3^{11}, 2^3\})$	118747255800672
6	$\mathcal{O}(2; \{6^{28}, 2^{16}\})$	115964117856
6	$\mathcal{O}(2; \{6^{28}, 3^3, 2^{12}\})$	927712935072
6	$\mathcal{O}(2; \{6^{28}, 3^6, 2^8\})$	7421703488352
6	$\mathcal{O}(2; \{6^{28}, 3^9, 2^4\})$	59373627899040
6	$\mathcal{O}(2; \{6^{28}, 3^{12}\})$	474989023200096
6	$\mathcal{O}(2; \{6^{29}, 3, 2^{13}\})$	463856468832
6	$\mathcal{O}(2; \{6^{29}, 3^4, 2^9\})$	3710851742880
6	$\mathcal{O}(2; \{6^{29}, 3^7, 2^5\})$	29686813950816
6	$\mathcal{O}(2; \{6^{29}, 3^{10}, 2\})$	237494511598752
6	$\mathcal{O}(2; \{6^{30}, 3^2, 2^{10}\})$	1855425872736
6	$\mathcal{O}(2; \{6^{30}, 3^5, 2^6\})$	14843406974112
6	$\mathcal{O}(2; \{6^{30}, 3^8, 2^2\})$	118747255800672
6	$\mathcal{O}(2; \{6^{31}, 2^{11}\})$	927712935072
6	$\mathcal{O}(2; \{6^{31}, 3^3, 2^7\})$	7421703488352
6	$\mathcal{O}(2; \{6^{31}, 3^6, 2^3\})$	59373627899040
6	$\mathcal{O}(2; \{6^{32}, 3, 2^8\})$	3710851742880
6	$\mathcal{O}(2; \{6^{32}, 3^4, 2^4\})$	29686813950816
6	$\mathcal{O}(2; \{6^{32}, 3^7\})$	237494511598752
6	$\mathcal{O}(2; \{6^{33}, 3^2, 2^5\})$	14843406974112
6	$\mathcal{O}(2; \{6^{33}, 3^5, 2\})$	118747255800672
6	$\mathcal{O}(2; \{6^{34}, 2^6\})$	7421703488352
6	$\mathcal{O}(2; \{6^{34}, 3^3, 2^2\})$	59373627899040
6	$\mathcal{O}(2; \{6^{35}, 3, 2^3\})$	29686813950816
6	$\mathcal{O}(2; \{6^{36}, 3^2\})$	118747255800672
6	$\mathcal{O}(2; \{6^{37}, 2\})$	59373627899040
6	$\mathcal{O}(1; \{3^2, 2^{64}\})$	72
6	$\mathcal{O}(1; \{3^5, 2^{60}\})$	360
6	$\mathcal{O}(1; \{3^8, 2^{56}\})$	3096

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{3^{11}, 2^{52}\})$	24552
6	$\mathcal{O}(1; \{3^{14}, 2^{48}\})$	196632
6	$\mathcal{O}(1; \{3^{17}, 2^{44}\})$	1572840
6	$\mathcal{O}(1; \{3^{20}, 2^{40}\})$	12582936
6	$\mathcal{O}(1; \{3^{23}, 2^{36}\})$	100663272
6	$\mathcal{O}(1; \{3^{26}, 2^{32}\})$	805306392
6	$\mathcal{O}(1; \{3^{29}, 2^{28}\})$	6442450920
6	$\mathcal{O}(1; \{3^{32}, 2^{24}\})$	51539607576
6	$\mathcal{O}(1; \{3^{35}, 2^{20}\})$	412316860392
6	$\mathcal{O}(1; \{3^{38}, 2^{16}\})$	3298534883352
6	$\mathcal{O}(1; \{3^{41}, 2^{12}\})$	26388279066600
6	$\mathcal{O}(1; \{3^{44}, 2^8\})$	211106232533016
6	$\mathcal{O}(1; \{3^{47}, 2^4\})$	1688849860263912
6	$\mathcal{O}(1; \{3^{50}\})$	10133099161583634
6	$\mathcal{O}(1; \{6, 3^3, 2^{61}\})$	216
6	$\mathcal{O}(1; \{6, 3^6, 2^{57}\})$	1512
6	$\mathcal{O}(1; \{6, 3^9, 2^{53}\})$	12312
6	$\mathcal{O}(1; \{6, 3^{12}, 2^{49}\})$	98280
6	$\mathcal{O}(1; \{6, 3^{15}, 2^{45}\})$	786456
6	$\mathcal{O}(1; \{6, 3^{18}, 2^{41}\})$	6291432
6	$\mathcal{O}(1; \{6, 3^{21}, 2^{37}\})$	50331672
6	$\mathcal{O}(1; \{6, 3^{24}, 2^{33}\})$	402653160
6	$\mathcal{O}(1; \{6, 3^{27}, 2^{29}\})$	3221225496
6	$\mathcal{O}(1; \{6, 3^{30}, 2^{25}\})$	25769803752
6	$\mathcal{O}(1; \{6, 3^{33}, 2^{21}\})$	206158430232
6	$\mathcal{O}(1; \{6, 3^{36}, 2^{17}\})$	1649267441640
6	$\mathcal{O}(1; \{6, 3^{39}, 2^{13}\})$	13194139533336
6	$\mathcal{O}(1; \{6, 3^{42}, 2^9\})$	105553116266472
6	$\mathcal{O}(1; \{6, 3^{45}, 2^5\})$	844424930131992
6	$\mathcal{O}(1; \{6, 3^{48}, 2\})$	6755399441055720
6	$\mathcal{O}(1; \{6^2, 3, 2^{62}\})$	72
6	$\mathcal{O}(1; \{6^2, 3^4, 2^{58}\})$	792
6	$\mathcal{O}(1; \{6^2, 3^7, 2^{54}\})$	6120
6	$\mathcal{O}(1; \{6^2, 3^{10}, 2^{50}\})$	49176
6	$\mathcal{O}(1; \{6^2, 3^{13}, 2^{46}\})$	393192
6	$\mathcal{O}(1; \{6^2, 3^{16}, 2^{42}\})$	3145752
6	$\mathcal{O}(1; \{6^2, 3^{19}, 2^{38}\})$	25165800
6	$\mathcal{O}(1; \{6^2, 3^{22}, 2^{34}\})$	201326616
6	$\mathcal{O}(1; \{6^2, 3^{25}, 2^{30}\})$	1610612712
6	$\mathcal{O}(1; \{6^2, 3^{28}, 2^{26}\})$	12884901912
6	$\mathcal{O}(1; \{6^2, 3^{31}, 2^{22}\})$	103079215080
6	$\mathcal{O}(1; \{6^2, 3^{34}, 2^{18}\})$	824633720856
6	$\mathcal{O}(1; \{6^2, 3^{37}, 2^{14}\})$	6597069766632

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^2, 3^{40}, 2^{10}\})$	52776558133272
6	$\mathcal{O}(1; \{6^2, 3^{43}, 2^6\})$	422212465065960
6	$\mathcal{O}(1; \{6^2, 3^{46}, 2^2\})$	3377699720527896
6	$\mathcal{O}(1; \{6^3, 3^2, 2^{59}\})$	360
6	$\mathcal{O}(1; \{6^3, 3^5, 2^{55}\})$	3096
6	$\mathcal{O}(1; \{6^3, 3^8, 2^{51}\})$	24552
6	$\mathcal{O}(1; \{6^3, 3^{11}, 2^{47}\})$	196632
6	$\mathcal{O}(1; \{6^3, 3^{14}, 2^{43}\})$	1572840
6	$\mathcal{O}(1; \{6^3, 3^{17}, 2^{39}\})$	12582936
6	$\mathcal{O}(1; \{6^3, 3^{20}, 2^{35}\})$	100663272
6	$\mathcal{O}(1; \{6^3, 3^{23}, 2^{31}\})$	805306392
6	$\mathcal{O}(1; \{6^3, 3^{26}, 2^{27}\})$	6442450920
6	$\mathcal{O}(1; \{6^3, 3^{29}, 2^{23}\})$	51539607576
6	$\mathcal{O}(1; \{6^3, 3^{32}, 2^{19}\})$	412316860392
6	$\mathcal{O}(1; \{6^3, 3^{35}, 2^{15}\})$	3298534883352
6	$\mathcal{O}(1; \{6^3, 3^{38}, 2^{11}\})$	26388279066600
6	$\mathcal{O}(1; \{6^3, 3^{41}, 2^7\})$	211106232533016
6	$\mathcal{O}(1; \{6^3, 3^{44}, 2^3\})$	1688849860263912
6	$\mathcal{O}(1; \{6^4, 2^{60}\})$	216
6	$\mathcal{O}(1; \{6^4, 3^3, 2^{56}\})$	1512
6	$\mathcal{O}(1; \{6^4, 3^6, 2^{52}\})$	12312
6	$\mathcal{O}(1; \{6^4, 3^9, 2^{48}\})$	98280
6	$\mathcal{O}(1; \{6^4, 3^{12}, 2^{44}\})$	786456
6	$\mathcal{O}(1; \{6^4, 3^{15}, 2^{40}\})$	6291432
6	$\mathcal{O}(1; \{6^4, 3^{18}, 2^{36}\})$	50331672
6	$\mathcal{O}(1; \{6^4, 3^{21}, 2^{32}\})$	402653160
6	$\mathcal{O}(1; \{6^4, 3^{24}, 2^{28}\})$	3221225496
6	$\mathcal{O}(1; \{6^4, 3^{27}, 2^{24}\})$	25769803752
6	$\mathcal{O}(1; \{6^4, 3^{30}, 2^{20}\})$	206158430232
6	$\mathcal{O}(1; \{6^4, 3^{33}, 2^{16}\})$	1649267441640
6	$\mathcal{O}(1; \{6^4, 3^{36}, 2^{12}\})$	13194139533336
6	$\mathcal{O}(1; \{6^4, 3^{39}, 2^8\})$	105553116266472
6	$\mathcal{O}(1; \{6^4, 3^{42}, 2^4\})$	844424930131992
6	$\mathcal{O}(1; \{6^4, 3^{45}\})$	6755399441055720
6	$\mathcal{O}(1; \{6^5, 3, 2^{57}\})$	792
6	$\mathcal{O}(1; \{6^5, 3^4, 2^{53}\})$	6120
6	$\mathcal{O}(1; \{6^5, 3^7, 2^{49}\})$	49176
6	$\mathcal{O}(1; \{6^5, 3^{10}, 2^{45}\})$	393192
6	$\mathcal{O}(1; \{6^5, 3^{13}, 2^{41}\})$	3145752
6	$\mathcal{O}(1; \{6^5, 3^{16}, 2^{37}\})$	25165800
6	$\mathcal{O}(1; \{6^5, 3^{19}, 2^{33}\})$	201326616
6	$\mathcal{O}(1; \{6^5, 3^{22}, 2^{29}\})$	1610612712
6	$\mathcal{O}(1; \{6^5, 3^{25}, 2^{25}\})$	12884901912

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^5, 3^{28}, 2^{21}\})$	103079215080
6	$\mathcal{O}(1; \{6^5, 3^{31}, 2^{17}\})$	824633720856
6	$\mathcal{O}(1; \{6^5, 3^{34}, 2^{13}\})$	6597069766632
6	$\mathcal{O}(1; \{6^5, 3^{37}, 2^9\})$	52776558133272
6	$\mathcal{O}(1; \{6^5, 3^{40}, 2^5\})$	422212465065960
6	$\mathcal{O}(1; \{6^5, 3^{43}, 2\})$	3377699720527896
6	$\mathcal{O}(1; \{6^6, 3^2, 2^{54}\})$	3096
6	$\mathcal{O}(1; \{6^6, 3^5, 2^{50}\})$	24552
6	$\mathcal{O}(1; \{6^6, 3^8, 2^{46}\})$	196632
6	$\mathcal{O}(1; \{6^6, 3^{11}, 2^{42}\})$	1572840
6	$\mathcal{O}(1; \{6^6, 3^{14}, 2^{38}\})$	12582936
6	$\mathcal{O}(1; \{6^6, 3^{17}, 2^{34}\})$	100663272
6	$\mathcal{O}(1; \{6^6, 3^{20}, 2^{30}\})$	805306392
6	$\mathcal{O}(1; \{6^6, 3^{23}, 2^{26}\})$	6442450920
6	$\mathcal{O}(1; \{6^6, 3^{26}, 2^{22}\})$	51539607576
6	$\mathcal{O}(1; \{6^6, 3^{29}, 2^{18}\})$	412316860392
6	$\mathcal{O}(1; \{6^6, 3^{32}, 2^{14}\})$	3298534883352
6	$\mathcal{O}(1; \{6^6, 3^{35}, 2^{10}\})$	26388279066600
6	$\mathcal{O}(1; \{6^6, 3^{38}, 2^6\})$	211106232533016
6	$\mathcal{O}(1; \{6^6, 3^{41}, 2^2\})$	1688849860263912
6	$\mathcal{O}(1; \{6^7, 2^{55}\})$	1512
6	$\mathcal{O}(1; \{6^7, 3^3, 2^{51}\})$	12312
6	$\mathcal{O}(1; \{6^7, 3^6, 2^{47}\})$	98280
6	$\mathcal{O}(1; \{6^7, 3^9, 2^{43}\})$	786456
6	$\mathcal{O}(1; \{6^7, 3^{12}, 2^{39}\})$	6291432
6	$\mathcal{O}(1; \{6^7, 3^{15}, 2^{35}\})$	50331672
6	$\mathcal{O}(1; \{6^7, 3^{18}, 2^{31}\})$	402653160
6	$\mathcal{O}(1; \{6^7, 3^{21}, 2^{27}\})$	3221225496
6	$\mathcal{O}(1; \{6^7, 3^{24}, 2^{23}\})$	25769803752
6	$\mathcal{O}(1; \{6^7, 3^{27}, 2^{19}\})$	206158430232
6	$\mathcal{O}(1; \{6^7, 3^{30}, 2^{15}\})$	1649267441640
6	$\mathcal{O}(1; \{6^7, 3^{33}, 2^{11}\})$	13194139533336
6	$\mathcal{O}(1; \{6^7, 3^{36}, 2^7\})$	105553116266472
6	$\mathcal{O}(1; \{6^7, 3^{39}, 2^3\})$	844424930131992
6	$\mathcal{O}(1; \{6^8, 3, 2^{52}\})$	6120
6	$\mathcal{O}(1; \{6^8, 3^4, 2^{48}\})$	49176
6	$\mathcal{O}(1; \{6^8, 3^7, 2^{44}\})$	393192
6	$\mathcal{O}(1; \{6^8, 3^{10}, 2^{40}\})$	3145752
6	$\mathcal{O}(1; \{6^8, 3^{13}, 2^{36}\})$	25165800
6	$\mathcal{O}(1; \{6^8, 3^{16}, 2^{32}\})$	201326616
6	$\mathcal{O}(1; \{6^8, 3^{19}, 2^{28}\})$	1610612712
6	$\mathcal{O}(1; \{6^8, 3^{22}, 2^{24}\})$	12884901912
6	$\mathcal{O}(1; \{6^8, 3^{25}, 2^{20}\})$	103079215080

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^8, 3^{28}, 2^{16}\})$	824633720856
6	$\mathcal{O}(1; \{6^8, 3^{31}, 2^{12}\})$	6597069766632
6	$\mathcal{O}(1; \{6^8, 3^{34}, 2^8\})$	52776558133272
6	$\mathcal{O}(1; \{6^8, 3^{37}, 2^4\})$	422212465065960
6	$\mathcal{O}(1; \{6^8, 3^{40}\})$	3377699720527896
6	$\mathcal{O}(1; \{6^9, 3^2, 2^{49}\})$	24552
6	$\mathcal{O}(1; \{6^9, 3^5, 2^{45}\})$	196632
6	$\mathcal{O}(1; \{6^9, 3^8, 2^{41}\})$	1572840
6	$\mathcal{O}(1; \{6^9, 3^{11}, 2^{37}\})$	12582936
6	$\mathcal{O}(1; \{6^9, 3^{14}, 2^{33}\})$	100663272
6	$\mathcal{O}(1; \{6^9, 3^{17}, 2^{29}\})$	805306392
6	$\mathcal{O}(1; \{6^9, 3^{20}, 2^{25}\})$	6442450920
6	$\mathcal{O}(1; \{6^9, 3^{23}, 2^{21}\})$	51539607576
6	$\mathcal{O}(1; \{6^9, 3^{26}, 2^{17}\})$	412316860392
6	$\mathcal{O}(1; \{6^9, 3^{29}, 2^{13}\})$	3298534883352
6	$\mathcal{O}(1; \{6^9, 3^{32}, 2^9\})$	26388279066600
6	$\mathcal{O}(1; \{6^9, 3^{35}, 2^5\})$	211106232533016
6	$\mathcal{O}(1; \{6^9, 3^{38}, 2\})$	1688849860263912
6	$\mathcal{O}(1; \{6^{10}, 2^{50}\})$	12312
6	$\mathcal{O}(1; \{6^{10}, 3^3, 2^{46}\})$	98280
6	$\mathcal{O}(1; \{6^{10}, 3^6, 2^{42}\})$	786456
6	$\mathcal{O}(1; \{6^{10}, 3^9, 2^{38}\})$	6291432
6	$\mathcal{O}(1; \{6^{10}, 3^{12}, 2^{34}\})$	50331672
6	$\mathcal{O}(1; \{6^{10}, 3^{15}, 2^{30}\})$	402653160
6	$\mathcal{O}(1; \{6^{10}, 3^{18}, 2^{26}\})$	3221225496
6	$\mathcal{O}(1; \{6^{10}, 3^{21}, 2^{22}\})$	25769803752
6	$\mathcal{O}(1; \{6^{10}, 3^{24}, 2^{18}\})$	206158430232
6	$\mathcal{O}(1; \{6^{10}, 3^{27}, 2^{14}\})$	1649267441640
6	$\mathcal{O}(1; \{6^{10}, 3^{30}, 2^{10}\})$	13194139533336
6	$\mathcal{O}(1; \{6^{10}, 3^{33}, 2^6\})$	105553116266472
6	$\mathcal{O}(1; \{6^{10}, 3^{36}, 2^2\})$	844424930131992
6	$\mathcal{O}(1; \{6^{11}, 3, 2^{47}\})$	49176
6	$\mathcal{O}(1; \{6^{11}, 3^4, 2^{43}\})$	393192
6	$\mathcal{O}(1; \{6^{11}, 3^7, 2^{39}\})$	3145752
6	$\mathcal{O}(1; \{6^{11}, 3^{10}, 2^{35}\})$	25165800
6	$\mathcal{O}(1; \{6^{11}, 3^{13}, 2^{31}\})$	201326616
6	$\mathcal{O}(1; \{6^{11}, 3^{16}, 2^{27}\})$	1610612712
6	$\mathcal{O}(1; \{6^{11}, 3^{19}, 2^{23}\})$	12884901912
6	$\mathcal{O}(1; \{6^{11}, 3^{22}, 2^{19}\})$	103079215080
6	$\mathcal{O}(1; \{6^{11}, 3^{25}, 2^{15}\})$	824633720856
6	$\mathcal{O}(1; \{6^{11}, 3^{28}, 2^{11}\})$	6597069766632
6	$\mathcal{O}(1; \{6^{11}, 3^{31}, 2^7\})$	52776558133272
6	$\mathcal{O}(1; \{6^{11}, 3^{34}, 2^3\})$	422212465065960

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{12}, 3^2, 2^{44}\})$	196632
6	$\mathcal{O}(1; \{6^{12}, 3^5, 2^{40}\})$	1572840
6	$\mathcal{O}(1; \{6^{12}, 3^8, 2^{36}\})$	12582936
6	$\mathcal{O}(1; \{6^{12}, 3^{11}, 2^{32}\})$	100663272
6	$\mathcal{O}(1; \{6^{12}, 3^{14}, 2^{28}\})$	805306392
6	$\mathcal{O}(1; \{6^{12}, 3^{17}, 2^{24}\})$	6442450920
6	$\mathcal{O}(1; \{6^{12}, 3^{20}, 2^{20}\})$	51539607576
6	$\mathcal{O}(1; \{6^{12}, 3^{23}, 2^{16}\})$	412316860392
6	$\mathcal{O}(1; \{6^{12}, 3^{26}, 2^{12}\})$	3298534883352
6	$\mathcal{O}(1; \{6^{12}, 3^{29}, 2^8\})$	26388279066600
6	$\mathcal{O}(1; \{6^{12}, 3^{32}, 2^4\})$	211106232533016
6	$\mathcal{O}(1; \{6^{12}, 3^{35}\})$	1688849860263912
6	$\mathcal{O}(1; \{6^{13}, 2^{45}\})$	98280
6	$\mathcal{O}(1; \{6^{13}, 3^3, 2^{41}\})$	786456
6	$\mathcal{O}(1; \{6^{13}, 3^6, 2^{37}\})$	6291432
6	$\mathcal{O}(1; \{6^{13}, 3^9, 2^{33}\})$	50331672
6	$\mathcal{O}(1; \{6^{13}, 3^{12}, 2^{29}\})$	402653160
6	$\mathcal{O}(1; \{6^{13}, 3^{15}, 2^{25}\})$	3221225496
6	$\mathcal{O}(1; \{6^{13}, 3^{18}, 2^{21}\})$	25769803752
6	$\mathcal{O}(1; \{6^{13}, 3^{21}, 2^{17}\})$	206158430232
6	$\mathcal{O}(1; \{6^{13}, 3^{24}, 2^{13}\})$	1649267441640
6	$\mathcal{O}(1; \{6^{13}, 3^{27}, 2^9\})$	13194139533336
6	$\mathcal{O}(1; \{6^{13}, 3^{30}, 2^5\})$	105553116266472
6	$\mathcal{O}(1; \{6^{13}, 3^{33}, 2\})$	844424930131992
6	$\mathcal{O}(1; \{6^{14}, 3, 2^{42}\})$	393192
6	$\mathcal{O}(1; \{6^{14}, 3^4, 2^{38}\})$	3145752
6	$\mathcal{O}(1; \{6^{14}, 3^7, 2^{34}\})$	25165800
6	$\mathcal{O}(1; \{6^{14}, 3^{10}, 2^{30}\})$	201326616
6	$\mathcal{O}(1; \{6^{14}, 3^{13}, 2^{26}\})$	1610612712
6	$\mathcal{O}(1; \{6^{14}, 3^{16}, 2^{22}\})$	12884901912
6	$\mathcal{O}(1; \{6^{14}, 3^{19}, 2^{18}\})$	103079215080
6	$\mathcal{O}(1; \{6^{14}, 3^{22}, 2^{14}\})$	824633720856
6	$\mathcal{O}(1; \{6^{14}, 3^{25}, 2^{10}\})$	6597069766632
6	$\mathcal{O}(1; \{6^{14}, 3^{28}, 2^6\})$	52776558133272
6	$\mathcal{O}(1; \{6^{14}, 3^{31}, 2^2\})$	422212465065960
6	$\mathcal{O}(1; \{6^{15}, 3^2, 2^{39}\})$	1572840
6	$\mathcal{O}(1; \{6^{15}, 3^5, 2^{35}\})$	12582936
6	$\mathcal{O}(1; \{6^{15}, 3^8, 2^{31}\})$	100663272
6	$\mathcal{O}(1; \{6^{15}, 3^{11}, 2^{27}\})$	805306392
6	$\mathcal{O}(1; \{6^{15}, 3^{14}, 2^{23}\})$	6442450920
6	$\mathcal{O}(1; \{6^{15}, 3^{17}, 2^{19}\})$	51539607576
6	$\mathcal{O}(1; \{6^{15}, 3^{20}, 2^{15}\})$	412316860392
6	$\mathcal{O}(1; \{6^{15}, 3^{23}, 2^{11}\})$	3298534883352

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{15}, 3^{26}, 2^7\})$	26388279066600
6	$\mathcal{O}(1; \{6^{15}, 3^{29}, 2^3\})$	211106232533016
6	$\mathcal{O}(1; \{6^{16}, 2^{40}\})$	786456
6	$\mathcal{O}(1; \{6^{16}, 3^3, 2^{36}\})$	6291432
6	$\mathcal{O}(1; \{6^{16}, 3^6, 2^{32}\})$	50331672
6	$\mathcal{O}(1; \{6^{16}, 3^9, 2^{28}\})$	402653160
6	$\mathcal{O}(1; \{6^{16}, 3^{12}, 2^{24}\})$	3221225496
6	$\mathcal{O}(1; \{6^{16}, 3^{15}, 2^{20}\})$	25769803752
6	$\mathcal{O}(1; \{6^{16}, 3^{18}, 2^{16}\})$	206158430232
6	$\mathcal{O}(1; \{6^{16}, 3^{21}, 2^{12}\})$	1649267441640
6	$\mathcal{O}(1; \{6^{16}, 3^{24}, 2^8\})$	13194139533336
6	$\mathcal{O}(1; \{6^{16}, 3^{27}, 2^4\})$	105553116266472
6	$\mathcal{O}(1; \{6^{16}, 3^{30}\})$	844424930131992
6	$\mathcal{O}(1; \{6^{17}, 3, 2^{37}\})$	3145752
6	$\mathcal{O}(1; \{6^{17}, 3^4, 2^{33}\})$	25165800
6	$\mathcal{O}(1; \{6^{17}, 3^7, 2^{29}\})$	201326616
6	$\mathcal{O}(1; \{6^{17}, 3^{10}, 2^{25}\})$	1610612712
6	$\mathcal{O}(1; \{6^{17}, 3^{13}, 2^{21}\})$	12884901912
6	$\mathcal{O}(1; \{6^{17}, 3^{16}, 2^{17}\})$	103079215080
6	$\mathcal{O}(1; \{6^{17}, 3^{19}, 2^{13}\})$	824633720856
6	$\mathcal{O}(1; \{6^{17}, 3^{22}, 2^9\})$	6597069766632
6	$\mathcal{O}(1; \{6^{17}, 3^{25}, 2^5\})$	52776558133272
6	$\mathcal{O}(1; \{6^{17}, 3^{28}, 2\})$	422212465065960
6	$\mathcal{O}(1; \{6^{18}, 3^2, 2^{34}\})$	12582936
6	$\mathcal{O}(1; \{6^{18}, 3^5, 2^{30}\})$	100663272
6	$\mathcal{O}(1; \{6^{18}, 3^8, 2^{26}\})$	805306392
6	$\mathcal{O}(1; \{6^{18}, 3^{11}, 2^{22}\})$	6442450920
6	$\mathcal{O}(1; \{6^{18}, 3^{14}, 2^{18}\})$	51539607576
6	$\mathcal{O}(1; \{6^{18}, 3^{17}, 2^{14}\})$	412316860392
6	$\mathcal{O}(1; \{6^{18}, 3^{20}, 2^{10}\})$	3298534883352
6	$\mathcal{O}(1; \{6^{18}, 3^{23}, 2^6\})$	26388279066600
6	$\mathcal{O}(1; \{6^{18}, 3^{26}, 2^2\})$	211106232533016
6	$\mathcal{O}(1; \{6^{19}, 2^{35}\})$	6291432
6	$\mathcal{O}(1; \{6^{19}, 3^3, 2^{31}\})$	50331672
6	$\mathcal{O}(1; \{6^{19}, 3^6, 2^{27}\})$	402653160
6	$\mathcal{O}(1; \{6^{19}, 3^9, 2^{23}\})$	3221225496
6	$\mathcal{O}(1; \{6^{19}, 3^{12}, 2^{19}\})$	25769803752
6	$\mathcal{O}(1; \{6^{19}, 3^{15}, 2^{15}\})$	206158430232
6	$\mathcal{O}(1; \{6^{19}, 3^{18}, 2^{11}\})$	1649267441640
6	$\mathcal{O}(1; \{6^{19}, 3^{21}, 2^7\})$	13194139533336
6	$\mathcal{O}(1; \{6^{19}, 3^{24}, 2^3\})$	105553116266472
6	$\mathcal{O}(1; \{6^{20}, 3, 2^{32}\})$	25165800
6	$\mathcal{O}(1; \{6^{20}, 3^4, 2^{28}\})$	201326616

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{20}, 3^7, 2^{24}\})$	1610612712
6	$\mathcal{O}(1; \{6^{20}, 3^{10}, 2^{20}\})$	12884901912
6	$\mathcal{O}(1; \{6^{20}, 3^{13}, 2^{16}\})$	103079215080
6	$\mathcal{O}(1; \{6^{20}, 3^{16}, 2^{12}\})$	824633720856
6	$\mathcal{O}(1; \{6^{20}, 3^{19}, 2^8\})$	6597069766632
6	$\mathcal{O}(1; \{6^{20}, 3^{22}, 2^4\})$	52776558133272
6	$\mathcal{O}(1; \{6^{20}, 3^{25}\})$	422212465065960
6	$\mathcal{O}(1; \{6^{21}, 3^2, 2^{29}\})$	100663272
6	$\mathcal{O}(1; \{6^{21}, 3^5, 2^{25}\})$	805306392
6	$\mathcal{O}(1; \{6^{21}, 3^8, 2^{21}\})$	6442450920
6	$\mathcal{O}(1; \{6^{21}, 3^{11}, 2^{17}\})$	51539607576
6	$\mathcal{O}(1; \{6^{21}, 3^{14}, 2^{13}\})$	412316860392
6	$\mathcal{O}(1; \{6^{21}, 3^{17}, 2^9\})$	3298534883352
6	$\mathcal{O}(1; \{6^{21}, 3^{20}, 2^5\})$	26388279066600
6	$\mathcal{O}(1; \{6^{21}, 3^{23}, 2\})$	211106232533016
6	$\mathcal{O}(1; \{6^{22}, 2^{30}\})$	50331672
6	$\mathcal{O}(1; \{6^{22}, 3^3, 2^{26}\})$	402653160
6	$\mathcal{O}(1; \{6^{22}, 3^6, 2^{22}\})$	3221225496
6	$\mathcal{O}(1; \{6^{22}, 3^9, 2^{18}\})$	25769803752
6	$\mathcal{O}(1; \{6^{22}, 3^{12}, 2^{14}\})$	206158430232
6	$\mathcal{O}(1; \{6^{22}, 3^{15}, 2^{10}\})$	1649267441640
6	$\mathcal{O}(1; \{6^{22}, 3^{18}, 2^6\})$	13194139533336
6	$\mathcal{O}(1; \{6^{22}, 3^{21}, 2^2\})$	105553116266472
6	$\mathcal{O}(1; \{6^{23}, 3, 2^{27}\})$	201326616
6	$\mathcal{O}(1; \{6^{23}, 3^4, 2^{23}\})$	1610612712
6	$\mathcal{O}(1; \{6^{23}, 3^7, 2^{19}\})$	12884901912
6	$\mathcal{O}(1; \{6^{23}, 3^{10}, 2^{15}\})$	103079215080
6	$\mathcal{O}(1; \{6^{23}, 3^{13}, 2^{11}\})$	824633720856
6	$\mathcal{O}(1; \{6^{23}, 3^{16}, 2^7\})$	6597069766632
6	$\mathcal{O}(1; \{6^{23}, 3^{19}, 2^3\})$	52776558133272
6	$\mathcal{O}(1; \{6^{24}, 3^2, 2^{24}\})$	805306392
6	$\mathcal{O}(1; \{6^{24}, 3^5, 2^{20}\})$	6442450920
6	$\mathcal{O}(1; \{6^{24}, 3^8, 2^{16}\})$	51539607576
6	$\mathcal{O}(1; \{6^{24}, 3^{11}, 2^{12}\})$	412316860392
6	$\mathcal{O}(1; \{6^{24}, 3^{14}, 2^8\})$	3298534883352
6	$\mathcal{O}(1; \{6^{24}, 3^{17}, 2^4\})$	26388279066600
6	$\mathcal{O}(1; \{6^{24}, 3^{20}\})$	211106232533016
6	$\mathcal{O}(1; \{6^{25}, 2^{25}\})$	402653160
6	$\mathcal{O}(1; \{6^{25}, 3^3, 2^{21}\})$	3221225496
6	$\mathcal{O}(1; \{6^{25}, 3^6, 2^{17}\})$	25769803752
6	$\mathcal{O}(1; \{6^{25}, 3^9, 2^{13}\})$	206158430232
6	$\mathcal{O}(1; \{6^{25}, 3^{12}, 2^9\})$	1649267441640
6	$\mathcal{O}(1; \{6^{25}, 3^{15}, 2^5\})$	13194139533336

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{25}, 3^{18}, 2\})$	105553116266472
6	$\mathcal{O}(1; \{6^{26}, 3, 2^{22}\})$	1610612712
6	$\mathcal{O}(1; \{6^{26}, 3^4, 2^{18}\})$	12884901912
6	$\mathcal{O}(1; \{6^{26}, 3^7, 2^{14}\})$	103079215080
6	$\mathcal{O}(1; \{6^{26}, 3^{10}, 2^{10}\})$	824633720856
6	$\mathcal{O}(1; \{6^{26}, 3^{13}, 2^6\})$	6597069766632
6	$\mathcal{O}(1; \{6^{26}, 3^{16}, 2^2\})$	52776558133272
6	$\mathcal{O}(1; \{6^{27}, 3^2, 2^{19}\})$	6442450920
6	$\mathcal{O}(1; \{6^{27}, 3^5, 2^{15}\})$	51539607576
6	$\mathcal{O}(1; \{6^{27}, 3^8, 2^{11}\})$	412316860392
6	$\mathcal{O}(1; \{6^{27}, 3^{11}, 2^7\})$	3298534883352
6	$\mathcal{O}(1; \{6^{27}, 3^{14}, 2^3\})$	26388279066600
6	$\mathcal{O}(1; \{6^{28}, 2^{20}\})$	3221225496
6	$\mathcal{O}(1; \{6^{28}, 3^3, 2^{16}\})$	25769803752
6	$\mathcal{O}(1; \{6^{28}, 3^6, 2^{12}\})$	206158430232
6	$\mathcal{O}(1; \{6^{28}, 3^9, 2^8\})$	1649267441640
6	$\mathcal{O}(1; \{6^{28}, 3^{12}, 2^4\})$	13194139533336
6	$\mathcal{O}(1; \{6^{28}, 3^{15}\})$	105553116266472
6	$\mathcal{O}(1; \{6^{29}, 3, 2^{17}\})$	12884901912
6	$\mathcal{O}(1; \{6^{29}, 3^4, 2^{13}\})$	103079215080
6	$\mathcal{O}(1; \{6^{29}, 3^7, 2^9\})$	824633720856
6	$\mathcal{O}(1; \{6^{29}, 3^{10}, 2^5\})$	6597069766632
6	$\mathcal{O}(1; \{6^{29}, 3^{13}, 2\})$	52776558133272
6	$\mathcal{O}(1; \{6^{30}, 3^2, 2^{14}\})$	51539607576
6	$\mathcal{O}(1; \{6^{30}, 3^5, 2^{10}\})$	412316860392
6	$\mathcal{O}(1; \{6^{30}, 3^8, 2^6\})$	3298534883352
6	$\mathcal{O}(1; \{6^{30}, 3^{11}, 2^2\})$	26388279066600
6	$\mathcal{O}(1; \{6^{31}, 2^{15}\})$	25769803752
6	$\mathcal{O}(1; \{6^{31}, 3^3, 2^{11}\})$	206158430232
6	$\mathcal{O}(1; \{6^{31}, 3^6, 2^7\})$	1649267441640
6	$\mathcal{O}(1; \{6^{31}, 3^9, 2^3\})$	13194139533336
6	$\mathcal{O}(1; \{6^{32}, 3, 2^{12}\})$	103079215080
6	$\mathcal{O}(1; \{6^{32}, 3^4, 2^8\})$	824633720856
6	$\mathcal{O}(1; \{6^{32}, 3^7, 2^4\})$	6597069766632
6	$\mathcal{O}(1; \{6^{32}, 3^{10}\})$	52776558133272
6	$\mathcal{O}(1; \{6^{33}, 3^2, 2^9\})$	412316860392
6	$\mathcal{O}(1; \{6^{33}, 3^5, 2^5\})$	3298534883352
6	$\mathcal{O}(1; \{6^{33}, 3^8, 2\})$	26388279066600
6	$\mathcal{O}(1; \{6^{34}, 2^{10}\})$	206158430232
6	$\mathcal{O}(1; \{6^{34}, 3^3, 2^6\})$	1649267441640
6	$\mathcal{O}(1; \{6^{34}, 3^6, 2^2\})$	13194139533336
6	$\mathcal{O}(1; \{6^{35}, 3, 2^7\})$	824633720856
6	$\mathcal{O}(1; \{6^{35}, 3^4, 2^3\})$	6597069766632

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(1; \{6^{36}, 3^2, 2^4\})$	3298534883352
6	$\mathcal{O}(1; \{6^{36}, 3^5\})$	26388279066600
6	$\mathcal{O}(1; \{6^{37}, 2^5\})$	1649267441640
6	$\mathcal{O}(1; \{6^{37}, 3^3, 2\})$	13194139533336
6	$\mathcal{O}(1; \{6^{38}, 3, 2^2\})$	6597069766632
6	$\mathcal{O}(1; \{6^{40}\})$	13194139533336
6	$\mathcal{O}(0; \{3^2, 2^{68}\})$	2
6	$\mathcal{O}(0; \{3^5, 2^{64}\})$	10
6	$\mathcal{O}(0; \{3^8, 2^{60}\})$	86
6	$\mathcal{O}(0; \{3^{11}, 2^{56}\})$	682
6	$\mathcal{O}(0; \{3^{14}, 2^{52}\})$	5462
6	$\mathcal{O}(0; \{3^{17}, 2^{48}\})$	43690
6	$\mathcal{O}(0; \{3^{20}, 2^{44}\})$	349526
6	$\mathcal{O}(0; \{3^{23}, 2^{40}\})$	2796202
6	$\mathcal{O}(0; \{3^{26}, 2^{36}\})$	22369622
6	$\mathcal{O}(0; \{3^{29}, 2^{32}\})$	178956970
6	$\mathcal{O}(0; \{3^{32}, 2^{28}\})$	1431655766
6	$\mathcal{O}(0; \{3^{35}, 2^{24}\})$	11453246122
6	$\mathcal{O}(0; \{3^{38}, 2^{20}\})$	91625968982
6	$\mathcal{O}(0; \{3^{41}, 2^{16}\})$	733007751850
6	$\mathcal{O}(0; \{3^{44}, 2^{12}\})$	5864062014806
6	$\mathcal{O}(0; \{3^{47}, 2^8\})$	46912496118442
6	$\mathcal{O}(0; \{3^{50}, 2^4\})$	375299968947542
6	$\mathcal{O}(0; \{6, 3^3, 2^{65}\})$	6
6	$\mathcal{O}(0; \{6, 3^6, 2^{61}\})$	42
6	$\mathcal{O}(0; \{6, 3^9, 2^{57}\})$	342
6	$\mathcal{O}(0; \{6, 3^{12}, 2^{53}\})$	2730
6	$\mathcal{O}(0; \{6, 3^{15}, 2^{49}\})$	21846
6	$\mathcal{O}(0; \{6, 3^{18}, 2^{45}\})$	174762
6	$\mathcal{O}(0; \{6, 3^{21}, 2^{41}\})$	1398102
6	$\mathcal{O}(0; \{6, 3^{24}, 2^{37}\})$	11184810
6	$\mathcal{O}(0; \{6, 3^{27}, 2^{33}\})$	89478486
6	$\mathcal{O}(0; \{6, 3^{30}, 2^{29}\})$	715827882
6	$\mathcal{O}(0; \{6, 3^{33}, 2^{25}\})$	5726623062
6	$\mathcal{O}(0; \{6, 3^{36}, 2^{21}\})$	45812984490
6	$\mathcal{O}(0; \{6, 3^{39}, 2^{17}\})$	366503875926
6	$\mathcal{O}(0; \{6, 3^{42}, 2^{13}\})$	2932031007402
6	$\mathcal{O}(0; \{6, 3^{45}, 2^9\})$	23456248059222
6	$\mathcal{O}(0; \{6, 3^{48}, 2^5\})$	187649984473770
6	$\mathcal{O}(0; \{6, 3^{51}, 2\})$	1501199875790166
6	$\mathcal{O}(0; \{6^2, 3, 2^{66}\})$	2
6	$\mathcal{O}(0; \{6^2, 3^4, 2^{62}\})$	22
6	$\mathcal{O}(0; \{6^2, 3^7, 2^{58}\})$	170

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^2, 3^{10}, 2^{54}\})$	1366
6	$\mathcal{O}(0; \{6^2, 3^{13}, 2^{50}\})$	10922
6	$\mathcal{O}(0; \{6^2, 3^{16}, 2^{46}\})$	87382
6	$\mathcal{O}(0; \{6^2, 3^{19}, 2^{42}\})$	699050
6	$\mathcal{O}(0; \{6^2, 3^{22}, 2^{38}\})$	5592406
6	$\mathcal{O}(0; \{6^2, 3^{25}, 2^{34}\})$	44739242
6	$\mathcal{O}(0; \{6^2, 3^{28}, 2^{30}\})$	357913942
6	$\mathcal{O}(0; \{6^2, 3^{31}, 2^{26}\})$	2863311530
6	$\mathcal{O}(0; \{6^2, 3^{34}, 2^{22}\})$	22906492246
6	$\mathcal{O}(0; \{6^2, 3^{37}, 2^{18}\})$	183251937962
6	$\mathcal{O}(0; \{6^2, 3^{40}, 2^{14}\})$	1466015503702
6	$\mathcal{O}(0; \{6^2, 3^{43}, 2^{10}\})$	11728124029610
6	$\mathcal{O}(0; \{6^2, 3^{46}, 2^6\})$	93824992236886
6	$\mathcal{O}(0; \{6^2, 3^{49}, 2^2\})$	750599937895082
6	$\mathcal{O}(0; \{6^3, 3^2, 2^{63}\})$	10
6	$\mathcal{O}(0; \{6^3, 3^5, 2^{59}\})$	86
6	$\mathcal{O}(0; \{6^3, 3^8, 2^{55}\})$	682
6	$\mathcal{O}(0; \{6^3, 3^{11}, 2^{51}\})$	5462
6	$\mathcal{O}(0; \{6^3, 3^{14}, 2^{47}\})$	43690
6	$\mathcal{O}(0; \{6^3, 3^{17}, 2^{43}\})$	349526
6	$\mathcal{O}(0; \{6^3, 3^{20}, 2^{39}\})$	2796202
6	$\mathcal{O}(0; \{6^3, 3^{23}, 2^{35}\})$	22369622
6	$\mathcal{O}(0; \{6^3, 3^{26}, 2^{31}\})$	178956970
6	$\mathcal{O}(0; \{6^3, 3^{29}, 2^{27}\})$	1431655766
6	$\mathcal{O}(0; \{6^3, 3^{32}, 2^{23}\})$	11453246122
6	$\mathcal{O}(0; \{6^3, 3^{35}, 2^{19}\})$	91625968982
6	$\mathcal{O}(0; \{6^3, 3^{38}, 2^{15}\})$	733007751850
6	$\mathcal{O}(0; \{6^3, 3^{41}, 2^{11}\})$	5864062014806
6	$\mathcal{O}(0; \{6^3, 3^{44}, 2^7\})$	46912496118442
6	$\mathcal{O}(0; \{6^3, 3^{47}, 2^3\})$	375299968947542
6	$\mathcal{O}(0; \{6^4, 2^{64}\})$	6
6	$\mathcal{O}(0; \{6^4, 3^3, 2^{60}\})$	42
6	$\mathcal{O}(0; \{6^4, 3^6, 2^{56}\})$	342
6	$\mathcal{O}(0; \{6^4, 3^9, 2^{52}\})$	2730
6	$\mathcal{O}(0; \{6^4, 3^{12}, 2^{48}\})$	21846
6	$\mathcal{O}(0; \{6^4, 3^{15}, 2^{44}\})$	174762
6	$\mathcal{O}(0; \{6^4, 3^{18}, 2^{40}\})$	1398102
6	$\mathcal{O}(0; \{6^4, 3^{21}, 2^{36}\})$	11184810
6	$\mathcal{O}(0; \{6^4, 3^{24}, 2^{32}\})$	89478486
6	$\mathcal{O}(0; \{6^4, 3^{27}, 2^{28}\})$	715827882
6	$\mathcal{O}(0; \{6^4, 3^{30}, 2^{24}\})$	5726623062
6	$\mathcal{O}(0; \{6^4, 3^{33}, 2^{20}\})$	45812984490
6	$\mathcal{O}(0; \{6^4, 3^{36}, 2^{16}\})$	366503875926

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^4, 3^{39}, 2^{12}\})$	2932031007402
6	$\mathcal{O}(0; \{6^4, 3^{42}, 2^8\})$	23456248059222
6	$\mathcal{O}(0; \{6^4, 3^{45}, 2^4\})$	187649984473770
6	$\mathcal{O}(0; \{6^4, 3^{48}\})$	1501199875790166
6	$\mathcal{O}(0; \{6^5, 3, 2^{61}\})$	22
6	$\mathcal{O}(0; \{6^5, 3^4, 2^{57}\})$	170
6	$\mathcal{O}(0; \{6^5, 3^7, 2^{53}\})$	1366
6	$\mathcal{O}(0; \{6^5, 3^{10}, 2^{49}\})$	10922
6	$\mathcal{O}(0; \{6^5, 3^{13}, 2^{45}\})$	87382
6	$\mathcal{O}(0; \{6^5, 3^{16}, 2^{41}\})$	699050
6	$\mathcal{O}(0; \{6^5, 3^{19}, 2^{37}\})$	5592406
6	$\mathcal{O}(0; \{6^5, 3^{22}, 2^{33}\})$	44739242
6	$\mathcal{O}(0; \{6^5, 3^{25}, 2^{29}\})$	357913942
6	$\mathcal{O}(0; \{6^5, 3^{28}, 2^{25}\})$	2863311530
6	$\mathcal{O}(0; \{6^5, 3^{31}, 2^{21}\})$	22906492246
6	$\mathcal{O}(0; \{6^5, 3^{34}, 2^{17}\})$	183251937962
6	$\mathcal{O}(0; \{6^5, 3^{37}, 2^{13}\})$	1466015503702
6	$\mathcal{O}(0; \{6^5, 3^{40}, 2^9\})$	11728124029610
6	$\mathcal{O}(0; \{6^5, 3^{43}, 2^5\})$	93824992236886
6	$\mathcal{O}(0; \{6^5, 3^{46}, 2\})$	750599937895082
6	$\mathcal{O}(0; \{6^6, 3^2, 2^{58}\})$	86
6	$\mathcal{O}(0; \{6^6, 3^5, 2^{54}\})$	682
6	$\mathcal{O}(0; \{6^6, 3^8, 2^{50}\})$	5462
6	$\mathcal{O}(0; \{6^6, 3^{11}, 2^{46}\})$	43690
6	$\mathcal{O}(0; \{6^6, 3^{14}, 2^{42}\})$	349526
6	$\mathcal{O}(0; \{6^6, 3^{17}, 2^{38}\})$	2796202
6	$\mathcal{O}(0; \{6^6, 3^{20}, 2^{34}\})$	22369622
6	$\mathcal{O}(0; \{6^6, 3^{23}, 2^{30}\})$	178956970
6	$\mathcal{O}(0; \{6^6, 3^{26}, 2^{26}\})$	1431655766
6	$\mathcal{O}(0; \{6^6, 3^{29}, 2^{22}\})$	11453246122
6	$\mathcal{O}(0; \{6^6, 3^{32}, 2^{18}\})$	91625968982
6	$\mathcal{O}(0; \{6^6, 3^{35}, 2^{14}\})$	733007751850
6	$\mathcal{O}(0; \{6^6, 3^{38}, 2^{10}\})$	5864062014806
6	$\mathcal{O}(0; \{6^6, 3^{41}, 2^6\})$	46912496118442
6	$\mathcal{O}(0; \{6^6, 3^{44}, 2^2\})$	375299968947542
6	$\mathcal{O}(0; \{6^7, 2^{59}\})$	42
6	$\mathcal{O}(0; \{6^7, 3^3, 2^{55}\})$	342
6	$\mathcal{O}(0; \{6^7, 3^6, 2^{51}\})$	2730
6	$\mathcal{O}(0; \{6^7, 3^9, 2^{47}\})$	21846
6	$\mathcal{O}(0; \{6^7, 3^{12}, 2^{43}\})$	174762
6	$\mathcal{O}(0; \{6^7, 3^{15}, 2^{39}\})$	1398102
6	$\mathcal{O}(0; \{6^7, 3^{18}, 2^{35}\})$	11184810
6	$\mathcal{O}(0; \{6^7, 3^{21}, 2^{31}\})$	89478486

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^7, 3^{24}, 2^{27}\})$	715827882
6	$\mathcal{O}(0; \{6^7, 3^{27}, 2^{23}\})$	5726623062
6	$\mathcal{O}(0; \{6^7, 3^{30}, 2^{19}\})$	45812984490
6	$\mathcal{O}(0; \{6^7, 3^{33}, 2^{15}\})$	366503875926
6	$\mathcal{O}(0; \{6^7, 3^{36}, 2^{11}\})$	2932031007402
6	$\mathcal{O}(0; \{6^7, 3^{39}, 2^7\})$	23456248059222
6	$\mathcal{O}(0; \{6^7, 3^{42}, 2^3\})$	187649984473770
6	$\mathcal{O}(0; \{6^8, 3, 2^{56}\})$	170
6	$\mathcal{O}(0; \{6^8, 3^4, 2^{52}\})$	1366
6	$\mathcal{O}(0; \{6^8, 3^7, 2^{48}\})$	10922
6	$\mathcal{O}(0; \{6^8, 3^{10}, 2^{44}\})$	87382
6	$\mathcal{O}(0; \{6^8, 3^{13}, 2^{40}\})$	699050
6	$\mathcal{O}(0; \{6^8, 3^{16}, 2^{36}\})$	5592406
6	$\mathcal{O}(0; \{6^8, 3^{19}, 2^{32}\})$	44739242
6	$\mathcal{O}(0; \{6^8, 3^{22}, 2^{28}\})$	357913942
6	$\mathcal{O}(0; \{6^8, 3^{25}, 2^{24}\})$	2863311530
6	$\mathcal{O}(0; \{6^8, 3^{28}, 2^{20}\})$	22906492246
6	$\mathcal{O}(0; \{6^8, 3^{31}, 2^{16}\})$	183251937962
6	$\mathcal{O}(0; \{6^8, 3^{34}, 2^{12}\})$	1466015503702
6	$\mathcal{O}(0; \{6^8, 3^{37}, 2^8\})$	11728124029610
6	$\mathcal{O}(0; \{6^8, 3^{40}, 2^4\})$	93824992236886
6	$\mathcal{O}(0; \{6^8, 3^{43}\})$	750599937895082
6	$\mathcal{O}(0; \{6^9, 3^2, 2^{53}\})$	682
6	$\mathcal{O}(0; \{6^9, 3^5, 2^{49}\})$	5462
6	$\mathcal{O}(0; \{6^9, 3^8, 2^{45}\})$	43690
6	$\mathcal{O}(0; \{6^9, 3^{11}, 2^{41}\})$	349526
6	$\mathcal{O}(0; \{6^9, 3^{14}, 2^{37}\})$	2796202
6	$\mathcal{O}(0; \{6^9, 3^{17}, 2^{33}\})$	22369622
6	$\mathcal{O}(0; \{6^9, 3^{20}, 2^{29}\})$	178956970
6	$\mathcal{O}(0; \{6^9, 3^{23}, 2^{25}\})$	1431655766
6	$\mathcal{O}(0; \{6^9, 3^{26}, 2^{21}\})$	11453246122
6	$\mathcal{O}(0; \{6^9, 3^{29}, 2^{17}\})$	91625968982
6	$\mathcal{O}(0; \{6^9, 3^{32}, 2^{13}\})$	733007751850
6	$\mathcal{O}(0; \{6^9, 3^{35}, 2^9\})$	5864062014806
6	$\mathcal{O}(0; \{6^9, 3^{38}, 2^5\})$	46912496118442
6	$\mathcal{O}(0; \{6^9, 3^{41}, 2\})$	375299968947542
6	$\mathcal{O}(0; \{6^{10}, 2^{54}\})$	342
6	$\mathcal{O}(0; \{6^{10}, 3^3, 2^{50}\})$	2730
6	$\mathcal{O}(0; \{6^{10}, 3^6, 2^{46}\})$	21846
6	$\mathcal{O}(0; \{6^{10}, 3^9, 2^{42}\})$	174762
6	$\mathcal{O}(0; \{6^{10}, 3^{12}, 2^{38}\})$	1398102
6	$\mathcal{O}(0; \{6^{10}, 3^{15}, 2^{34}\})$	11184810
6	$\mathcal{O}(0; \{6^{10}, 3^{18}, 2^{30}\})$	89478486

Continued on next page

Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{10}, 3^{21}, 2^{26}\})$	715827882
6	$\mathcal{O}(0; \{6^{10}, 3^{24}, 2^{22}\})$	5726623062
6	$\mathcal{O}(0; \{6^{10}, 3^{27}, 2^{18}\})$	45812984490
6	$\mathcal{O}(0; \{6^{10}, 3^{30}, 2^{14}\})$	366503875926
6	$\mathcal{O}(0; \{6^{10}, 3^{33}, 2^{10}\})$	2932031007402
6	$\mathcal{O}(0; \{6^{10}, 3^{36}, 2^6\})$	23456248059222
6	$\mathcal{O}(0; \{6^{10}, 3^{39}, 2^2\})$	187649984473770
6	$\mathcal{O}(0; \{6^{11}, 3, 2^{51}\})$	1366
6	$\mathcal{O}(0; \{6^{11}, 3^4, 2^{47}\})$	10922
6	$\mathcal{O}(0; \{6^{11}, 3^7, 2^{43}\})$	87382
6	$\mathcal{O}(0; \{6^{11}, 3^{10}, 2^{39}\})$	699050
6	$\mathcal{O}(0; \{6^{11}, 3^{13}, 2^{35}\})$	5592406
6	$\mathcal{O}(0; \{6^{11}, 3^{16}, 2^{31}\})$	44739242
6	$\mathcal{O}(0; \{6^{11}, 3^{19}, 2^{27}\})$	357913942
6	$\mathcal{O}(0; \{6^{11}, 3^{22}, 2^{23}\})$	2863311530
6	$\mathcal{O}(0; \{6^{11}, 3^{25}, 2^{19}\})$	22906492246
6	$\mathcal{O}(0; \{6^{11}, 3^{28}, 2^{15}\})$	183251937962
6	$\mathcal{O}(0; \{6^{11}, 3^{31}, 2^{11}\})$	1466015503702
6	$\mathcal{O}(0; \{6^{11}, 3^{34}, 2^7\})$	11728124029610
6	$\mathcal{O}(0; \{6^{11}, 3^{37}, 2^3\})$	93824992236886
6	$\mathcal{O}(0; \{6^{12}, 3^2, 2^{48}\})$	5462
6	$\mathcal{O}(0; \{6^{12}, 3^5, 2^{44}\})$	43690
6	$\mathcal{O}(0; \{6^{12}, 3^8, 2^{40}\})$	349526
6	$\mathcal{O}(0; \{6^{12}, 3^{11}, 2^{36}\})$	2796202
6	$\mathcal{O}(0; \{6^{12}, 3^{14}, 2^{32}\})$	22369622
6	$\mathcal{O}(0; \{6^{12}, 3^{17}, 2^{28}\})$	178956970
6	$\mathcal{O}(0; \{6^{12}, 3^{20}, 2^{24}\})$	1431655766
6	$\mathcal{O}(0; \{6^{12}, 3^{23}, 2^{20}\})$	11453246122
6	$\mathcal{O}(0; \{6^{12}, 3^{26}, 2^{16}\})$	91625968982
6	$\mathcal{O}(0; \{6^{12}, 3^{29}, 2^{12}\})$	733007751850
6	$\mathcal{O}(0; \{6^{12}, 3^{32}, 2^8\})$	5864062014806
6	$\mathcal{O}(0; \{6^{12}, 3^{35}, 2^4\})$	46912496118442
6	$\mathcal{O}(0; \{6^{12}, 3^{38}\})$	375299968947542
6	$\mathcal{O}(0; \{6^{13}, 2^{49}\})$	2730
6	$\mathcal{O}(0; \{6^{13}, 3^3, 2^{45}\})$	21846
6	$\mathcal{O}(0; \{6^{13}, 3^6, 2^{41}\})$	174762
6	$\mathcal{O}(0; \{6^{13}, 3^9, 2^{37}\})$	1398102
6	$\mathcal{O}(0; \{6^{13}, 3^{12}, 2^{33}\})$	11184810
6	$\mathcal{O}(0; \{6^{13}, 3^{15}, 2^{29}\})$	89478486
6	$\mathcal{O}(0; \{6^{13}, 3^{18}, 2^{25}\})$	715827882
6	$\mathcal{O}(0; \{6^{13}, 3^{21}, 2^{21}\})$	5726623062
6	$\mathcal{O}(0; \{6^{13}, 3^{24}, 2^{17}\})$	45812984490
6	$\mathcal{O}(0; \{6^{13}, 3^{27}, 2^{13}\})$	366503875926

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{13}, 3^{30}, 2^9\})$	2932031007402
6	$\mathcal{O}(0; \{6^{13}, 3^{33}, 2^5\})$	23456248059222
6	$\mathcal{O}(0; \{6^{13}, 3^{36}, 2\})$	187649984473770
6	$\mathcal{O}(0; \{6^{14}, 3, 2^{46}\})$	10922
6	$\mathcal{O}(0; \{6^{14}, 3^4, 2^{42}\})$	87382
6	$\mathcal{O}(0; \{6^{14}, 3^7, 2^{38}\})$	699050
6	$\mathcal{O}(0; \{6^{14}, 3^{10}, 2^{34}\})$	5592406
6	$\mathcal{O}(0; \{6^{14}, 3^{13}, 2^{30}\})$	44739242
6	$\mathcal{O}(0; \{6^{14}, 3^{16}, 2^{26}\})$	357913942
6	$\mathcal{O}(0; \{6^{14}, 3^{19}, 2^{22}\})$	2863311530
6	$\mathcal{O}(0; \{6^{14}, 3^{22}, 2^{18}\})$	22906492246
6	$\mathcal{O}(0; \{6^{14}, 3^{25}, 2^{14}\})$	183251937962
6	$\mathcal{O}(0; \{6^{14}, 3^{28}, 2^{10}\})$	1466015503702
6	$\mathcal{O}(0; \{6^{14}, 3^{31}, 2^6\})$	11728124029610
6	$\mathcal{O}(0; \{6^{14}, 3^{34}, 2^2\})$	93824992236886
6	$\mathcal{O}(0; \{6^{15}, 3^2, 2^{43}\})$	43690
6	$\mathcal{O}(0; \{6^{15}, 3^5, 2^{39}\})$	349526
6	$\mathcal{O}(0; \{6^{15}, 3^8, 2^{35}\})$	2796202
6	$\mathcal{O}(0; \{6^{15}, 3^{11}, 2^{31}\})$	22369622
6	$\mathcal{O}(0; \{6^{15}, 3^{14}, 2^{27}\})$	178956970
6	$\mathcal{O}(0; \{6^{15}, 3^{17}, 2^{23}\})$	1431655766
6	$\mathcal{O}(0; \{6^{15}, 3^{20}, 2^{19}\})$	11453246122
6	$\mathcal{O}(0; \{6^{15}, 3^{23}, 2^{15}\})$	91625968982
6	$\mathcal{O}(0; \{6^{15}, 3^{26}, 2^{11}\})$	733007751850
6	$\mathcal{O}(0; \{6^{15}, 3^{29}, 2^7\})$	5864062014806
6	$\mathcal{O}(0; \{6^{15}, 3^{32}, 2^3\})$	46912496118442
6	$\mathcal{O}(0; \{6^{16}, 2^{44}\})$	21846
6	$\mathcal{O}(0; \{6^{16}, 3^3, 2^{40}\})$	174762
6	$\mathcal{O}(0; \{6^{16}, 3^6, 2^{36}\})$	1398102
6	$\mathcal{O}(0; \{6^{16}, 3^9, 2^{32}\})$	11184810
6	$\mathcal{O}(0; \{6^{16}, 3^{12}, 2^{28}\})$	89478486
6	$\mathcal{O}(0; \{6^{16}, 3^{15}, 2^{24}\})$	715827882
6	$\mathcal{O}(0; \{6^{16}, 3^{18}, 2^{20}\})$	5726623062
6	$\mathcal{O}(0; \{6^{16}, 3^{21}, 2^{16}\})$	45812984490
6	$\mathcal{O}(0; \{6^{16}, 3^{24}, 2^{12}\})$	366503875926
6	$\mathcal{O}(0; \{6^{16}, 3^{27}, 2^8\})$	2932031007402
6	$\mathcal{O}(0; \{6^{16}, 3^{30}, 2^4\})$	23456248059222
6	$\mathcal{O}(0; \{6^{16}, 3^{33}\})$	187649984473770
6	$\mathcal{O}(0; \{6^{17}, 3, 2^{41}\})$	87382
6	$\mathcal{O}(0; \{6^{17}, 3^4, 2^{37}\})$	699050
6	$\mathcal{O}(0; \{6^{17}, 3^7, 2^{33}\})$	5592406
6	$\mathcal{O}(0; \{6^{17}, 3^{10}, 2^{29}\})$	44739242
6	$\mathcal{O}(0; \{6^{17}, 3^{13}, 2^{25}\})$	357913942

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{17}, 3^{16}, 2^{21}\})$	2863311530
6	$\mathcal{O}(0; \{6^{17}, 3^{19}, 2^{17}\})$	22906492246
6	$\mathcal{O}(0; \{6^{17}, 3^{22}, 2^{13}\})$	183251937962
6	$\mathcal{O}(0; \{6^{17}, 3^{25}, 2^9\})$	1466015503702
6	$\mathcal{O}(0; \{6^{17}, 3^{28}, 2^5\})$	11728124029610
6	$\mathcal{O}(0; \{6^{17}, 3^{31}, 2\})$	93824992236886
6	$\mathcal{O}(0; \{6^{18}, 3^2, 2^{38}\})$	349526
6	$\mathcal{O}(0; \{6^{18}, 3^5, 2^{34}\})$	2796202
6	$\mathcal{O}(0; \{6^{18}, 3^8, 2^{30}\})$	22369622
6	$\mathcal{O}(0; \{6^{18}, 3^{11}, 2^{26}\})$	178956970
6	$\mathcal{O}(0; \{6^{18}, 3^{14}, 2^{22}\})$	1431655766
6	$\mathcal{O}(0; \{6^{18}, 3^{17}, 2^{18}\})$	11453246122
6	$\mathcal{O}(0; \{6^{18}, 3^{20}, 2^{14}\})$	91625968982
6	$\mathcal{O}(0; \{6^{18}, 3^{23}, 2^{10}\})$	733007751850
6	$\mathcal{O}(0; \{6^{18}, 3^{26}, 2^6\})$	5864062014806
6	$\mathcal{O}(0; \{6^{18}, 3^{29}, 2^2\})$	46912496118442
6	$\mathcal{O}(0; \{6^{19}, 2^{39}\})$	174762
6	$\mathcal{O}(0; \{6^{19}, 3^3, 2^{35}\})$	1398102
6	$\mathcal{O}(0; \{6^{19}, 3^6, 2^{31}\})$	11184810
6	$\mathcal{O}(0; \{6^{19}, 3^9, 2^{27}\})$	89478486
6	$\mathcal{O}(0; \{6^{19}, 3^{12}, 2^{23}\})$	715827882
6	$\mathcal{O}(0; \{6^{19}, 3^{15}, 2^{19}\})$	5726623062
6	$\mathcal{O}(0; \{6^{19}, 3^{18}, 2^{15}\})$	45812984490
6	$\mathcal{O}(0; \{6^{19}, 3^{21}, 2^{11}\})$	366503875926
6	$\mathcal{O}(0; \{6^{19}, 3^{24}, 2^7\})$	2932031007402
6	$\mathcal{O}(0; \{6^{19}, 3^{27}, 2^3\})$	23456248059222
6	$\mathcal{O}(0; \{6^{20}, 3, 2^{36}\})$	699050
6	$\mathcal{O}(0; \{6^{20}, 3^4, 2^{32}\})$	5592406
6	$\mathcal{O}(0; \{6^{20}, 3^7, 2^{28}\})$	44739242
6	$\mathcal{O}(0; \{6^{20}, 3^{10}, 2^{24}\})$	357913942
6	$\mathcal{O}(0; \{6^{20}, 3^{13}, 2^{20}\})$	2863311530
6	$\mathcal{O}(0; \{6^{20}, 3^{16}, 2^{16}\})$	22906492246
6	$\mathcal{O}(0; \{6^{20}, 3^{19}, 2^{12}\})$	183251937962
6	$\mathcal{O}(0; \{6^{20}, 3^{22}, 2^8\})$	1466015503702
6	$\mathcal{O}(0; \{6^{20}, 3^{25}, 2^4\})$	11728124029610
6	$\mathcal{O}(0; \{6^{20}, 3^{28}\})$	93824992236886
6	$\mathcal{O}(0; \{6^{21}, 3^2, 2^{33}\})$	2796202
6	$\mathcal{O}(0; \{6^{21}, 3^5, 2^{29}\})$	22369622
6	$\mathcal{O}(0; \{6^{21}, 3^8, 2^{25}\})$	178956970
6	$\mathcal{O}(0; \{6^{21}, 3^{11}, 2^{21}\})$	1431655766
6	$\mathcal{O}(0; \{6^{21}, 3^{14}, 2^{17}\})$	11453246122
6	$\mathcal{O}(0; \{6^{21}, 3^{17}, 2^{13}\})$	91625968982
6	$\mathcal{O}(0; \{6^{21}, 3^{20}, 2^9\})$	733007751850

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{21}, 3^{23}, 2^5\})$	5864062014806
6	$\mathcal{O}(0; \{6^{21}, 3^{26}, 2\})$	46912496118442
6	$\mathcal{O}(0; \{6^{22}, 2^{34}\})$	1398102
6	$\mathcal{O}(0; \{6^{22}, 3^3, 2^{30}\})$	11184810
6	$\mathcal{O}(0; \{6^{22}, 3^6, 2^{26}\})$	89478486
6	$\mathcal{O}(0; \{6^{22}, 3^9, 2^{22}\})$	715827882
6	$\mathcal{O}(0; \{6^{22}, 3^{12}, 2^{18}\})$	5726623062
6	$\mathcal{O}(0; \{6^{22}, 3^{15}, 2^{14}\})$	45812984490
6	$\mathcal{O}(0; \{6^{22}, 3^{18}, 2^{10}\})$	366503875926
6	$\mathcal{O}(0; \{6^{22}, 3^{21}, 2^6\})$	2932031007402
6	$\mathcal{O}(0; \{6^{22}, 3^{24}, 2^2\})$	23456248059222
6	$\mathcal{O}(0; \{6^{23}, 3, 2^{31}\})$	5592406
6	$\mathcal{O}(0; \{6^{23}, 3^4, 2^{27}\})$	44739242
6	$\mathcal{O}(0; \{6^{23}, 3^7, 2^{23}\})$	357913942
6	$\mathcal{O}(0; \{6^{23}, 3^{10}, 2^{19}\})$	2863311530
6	$\mathcal{O}(0; \{6^{23}, 3^{13}, 2^{15}\})$	22906492246
6	$\mathcal{O}(0; \{6^{23}, 3^{16}, 2^{11}\})$	183251937962
6	$\mathcal{O}(0; \{6^{23}, 3^{19}, 2^7\})$	1466015503702
6	$\mathcal{O}(0; \{6^{23}, 3^{22}, 2^3\})$	11728124029610
6	$\mathcal{O}(0; \{6^{24}, 3^2, 2^{28}\})$	22369622
6	$\mathcal{O}(0; \{6^{24}, 3^5, 2^{24}\})$	178956970
6	$\mathcal{O}(0; \{6^{24}, 3^8, 2^{20}\})$	1431655766
6	$\mathcal{O}(0; \{6^{24}, 3^{11}, 2^{16}\})$	11453246122
6	$\mathcal{O}(0; \{6^{24}, 3^{14}, 2^{12}\})$	91625968982
6	$\mathcal{O}(0; \{6^{24}, 3^{17}, 2^8\})$	733007751850
6	$\mathcal{O}(0; \{6^{24}, 3^{20}, 2^4\})$	5864062014806
6	$\mathcal{O}(0; \{6^{24}, 3^{23}\})$	46912496118442
6	$\mathcal{O}(0; \{6^{25}, 2^{29}\})$	11184810
6	$\mathcal{O}(0; \{6^{25}, 3^3, 2^{25}\})$	89478486
6	$\mathcal{O}(0; \{6^{25}, 3^6, 2^{21}\})$	715827882
6	$\mathcal{O}(0; \{6^{25}, 3^9, 2^{17}\})$	5726623062
6	$\mathcal{O}(0; \{6^{25}, 3^{12}, 2^{13}\})$	45812984490
6	$\mathcal{O}(0; \{6^{25}, 3^{15}, 2^9\})$	366503875926
6	$\mathcal{O}(0; \{6^{25}, 3^{18}, 2^5\})$	2932031007402
6	$\mathcal{O}(0; \{6^{25}, 3^{21}, 2\})$	23456248059222
6	$\mathcal{O}(0; \{6^{26}, 3, 2^{26}\})$	44739242
6	$\mathcal{O}(0; \{6^{26}, 3^4, 2^{22}\})$	357913942
6	$\mathcal{O}(0; \{6^{26}, 3^7, 2^{18}\})$	2863311530
6	$\mathcal{O}(0; \{6^{26}, 3^{10}, 2^{14}\})$	22906492246
6	$\mathcal{O}(0; \{6^{26}, 3^{13}, 2^{10}\})$	183251937962
6	$\mathcal{O}(0; \{6^{26}, 3^{16}, 2^6\})$	1466015503702
6	$\mathcal{O}(0; \{6^{26}, 3^{19}, 2^2\})$	11728124029610
6	$\mathcal{O}(0; \{6^{27}, 3^2, 2^{23}\})$	178956970

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{27}, 3^5, 2^{19}\})$	1431655766
6	$\mathcal{O}(0; \{6^{27}, 3^8, 2^{15}\})$	11453246122
6	$\mathcal{O}(0; \{6^{27}, 3^{11}, 2^{11}\})$	91625968982
6	$\mathcal{O}(0; \{6^{27}, 3^{14}, 2^7\})$	733007751850
6	$\mathcal{O}(0; \{6^{27}, 3^{17}, 2^3\})$	5864062014806
6	$\mathcal{O}(0; \{6^{28}, 2^{24}\})$	89478486
6	$\mathcal{O}(0; \{6^{28}, 3^3, 2^{20}\})$	715827882
6	$\mathcal{O}(0; \{6^{28}, 3^6, 2^{16}\})$	5726623062
6	$\mathcal{O}(0; \{6^{28}, 3^9, 2^{12}\})$	45812984490
6	$\mathcal{O}(0; \{6^{28}, 3^{12}, 2^8\})$	366503875926
6	$\mathcal{O}(0; \{6^{28}, 3^{15}, 2^4\})$	2932031007402
6	$\mathcal{O}(0; \{6^{28}, 3^{18}\})$	23456248059222
6	$\mathcal{O}(0; \{6^{29}, 3, 2^{21}\})$	357913942
6	$\mathcal{O}(0; \{6^{29}, 3^4, 2^{17}\})$	2863311530
6	$\mathcal{O}(0; \{6^{29}, 3^7, 2^{13}\})$	22906492246
6	$\mathcal{O}(0; \{6^{29}, 3^{10}, 2^9\})$	183251937962
6	$\mathcal{O}(0; \{6^{29}, 3^{13}, 2^5\})$	1466015503702
6	$\mathcal{O}(0; \{6^{29}, 3^{16}, 2\})$	11728124029610
6	$\mathcal{O}(0; \{6^{30}, 3^2, 2^{18}\})$	1431655766
6	$\mathcal{O}(0; \{6^{30}, 3^5, 2^{14}\})$	11453246122
6	$\mathcal{O}(0; \{6^{30}, 3^8, 2^{10}\})$	91625968982
6	$\mathcal{O}(0; \{6^{30}, 3^{11}, 2^6\})$	733007751850
6	$\mathcal{O}(0; \{6^{30}, 3^{14}, 2^2\})$	5864062014806
6	$\mathcal{O}(0; \{6^{31}, 2^{19}\})$	715827882
6	$\mathcal{O}(0; \{6^{31}, 3^3, 2^{15}\})$	5726623062
6	$\mathcal{O}(0; \{6^{31}, 3^6, 2^{11}\})$	45812984490
6	$\mathcal{O}(0; \{6^{31}, 3^9, 2^7\})$	366503875926
6	$\mathcal{O}(0; \{6^{31}, 3^{12}, 2^3\})$	2932031007402
6	$\mathcal{O}(0; \{6^{32}, 3, 2^{16}\})$	2863311530
6	$\mathcal{O}(0; \{6^{32}, 3^4, 2^{12}\})$	22906492246
6	$\mathcal{O}(0; \{6^{32}, 3^7, 2^8\})$	183251937962
6	$\mathcal{O}(0; \{6^{32}, 3^{10}, 2^4\})$	1466015503702
6	$\mathcal{O}(0; \{6^{32}, 3^{13}\})$	11728124029610
6	$\mathcal{O}(0; \{6^{33}, 3^2, 2^{13}\})$	11453246122
6	$\mathcal{O}(0; \{6^{33}, 3^5, 2^9\})$	91625968982
6	$\mathcal{O}(0; \{6^{33}, 3^8, 2^5\})$	733007751850
6	$\mathcal{O}(0; \{6^{33}, 3^{11}, 2\})$	5864062014806
6	$\mathcal{O}(0; \{6^{34}, 2^{14}\})$	5726623062
6	$\mathcal{O}(0; \{6^{34}, 3^3, 2^{10}\})$	45812984490
6	$\mathcal{O}(0; \{6^{34}, 3^6, 2^6\})$	366503875926
6	$\mathcal{O}(0; \{6^{34}, 3^9, 2^2\})$	2932031007402
6	$\mathcal{O}(0; \{6^{35}, 3, 2^{11}\})$	22906492246
6	$\mathcal{O}(0; \{6^{35}, 3^4, 2^7\})$	183251937962

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
6	$\mathcal{O}(0; \{6^{35}, 3^7, 2^3\})$	1466015503702
6	$\mathcal{O}(0; \{6^{36}, 3^2, 2^8\})$	91625968982
6	$\mathcal{O}(0; \{6^{36}, 3^5, 2^4\})$	733007751850
6	$\mathcal{O}(0; \{6^{36}, 3^8\})$	5864062014806
6	$\mathcal{O}(0; \{6^{37}, 2^9\})$	45812984490
6	$\mathcal{O}(0; \{6^{37}, 3^3, 2^5\})$	366503875926
6	$\mathcal{O}(0; \{6^{37}, 3^6, 2\})$	2932031007402
6	$\mathcal{O}(0; \{6^{38}, 3, 2^6\})$	183251937962
6	$\mathcal{O}(0; \{6^{38}, 3^4, 2^2\})$	1466015503702
6	$\mathcal{O}(0; \{6^{39}, 3^2, 2^3\})$	733007751850
6	$\mathcal{O}(0; \{6^{40}, 2^4\})$	366503875926
6	$\mathcal{O}(0; \{6^{40}, 3^3\})$	2932031007402
6	$\mathcal{O}(0; \{6^{41}, 3, 2\})$	1466015503702
7	$\mathcal{O}(14; \{7^3\})$	13799596096342198829304030
7	$\mathcal{O}(11; \{7^{10}\})$	33773135873007113924951274
7	$\mathcal{O}(8; \{7^{17}\})$	80360356871713300753950390
7	$\mathcal{O}(5; \{7^{24}\})$	191210778342764568067865514
7	$\mathcal{O}(2; \{7^{31}\})$	454970126785269250557736950
8	$\mathcal{O}(13; \{2^2\})$	302231450400057666306048
8	$\mathcal{O}(12; \{2^6\})$	4722366201394668503040
8	$\mathcal{O}(12; \{4^2, 2^3\})$	9444732402789337006080
8	$\mathcal{O}(12; \{4^4\})$	37778929611157348024320
8	$\mathcal{O}(12; \{8^2, 4, 2\})$	37778931862957161709568
8	$\mathcal{O}(11; \{2^{10}\})$	73786958702652162048
8	$\mathcal{O}(11; \{4^2, 2^7\})$	147573917405304324096
8	$\mathcal{O}(11; \{4^4, 2^4\})$	590295669621217296384
8	$\mathcal{O}(11; \{4^6, 2\})$	2361182678484869185536
8	$\mathcal{O}(11; \{8^2, 4, 2^5\})$	590295810358705651712
8	$\mathcal{O}(11; \{8^2, 4^3, 2^2\})$	2361183241434822606848
8	$\mathcal{O}(11; \{8^4, 2^3\})$	4722366482869645213696
8	$\mathcal{O}(11; \{8^4, 4^2\})$	18889465931478580854784
8	$\mathcal{O}(10; \{2^{14}\})$	1152920405095219200
8	$\mathcal{O}(10; \{4^2, 2^{11}\})$	2305840810190438400
8	$\mathcal{O}(10; \{4^4, 2^8\})$	9223363240761753600
8	$\mathcal{O}(10; \{4^6, 2^5\})$	36893452963047014400
8	$\mathcal{O}(10; \{4^8, 2^2\})$	147573811852188057600
8	$\mathcal{O}(10; \{8^2, 4, 2^9\})$	9223372036854775808
8	$\mathcal{O}(10; \{8^2, 4^3, 2^6\})$	36893488147419103232
8	$\mathcal{O}(10; \{8^2, 4^5, 2^3\})$	147573952589676412928
8	$\mathcal{O}(10; \{8^2, 4^7\})$	590295810358705651712
8	$\mathcal{O}(10; \{8^4, 2^7\})$	73786976294838206464
8	$\mathcal{O}(10; \{8^4, 4^2, 2^4\})$	295147905179352825856
8	$\mathcal{O}(10; \{8^4, 4^4, 2\})$	1180591620717411303424

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(10; \{8^6, 4, 2^2\})$	2361183241434822606848
8	$\mathcal{O}(10; \{8^8\})$	18889465931478580854784
8	$\mathcal{O}(9; \{2^{18}\})$	18014329790005248
8	$\mathcal{O}(9; \{4^2, 2^{15}\})$	36028659580010496
8	$\mathcal{O}(9; \{4^4, 2^{12}\})$	144114638320041984
8	$\mathcal{O}(9; \{4^6, 2^9\})$	576458553280167936
8	$\mathcal{O}(9; \{4^8, 2^6\})$	2305834213120671744
8	$\mathcal{O}(9; \{4^{10}, 2^3\})$	9223336852482686976
8	$\mathcal{O}(9; \{4^{12}\})$	36893347409930747904
8	$\mathcal{O}(9; \{8^2, 4, 2^{13}\})$	144115188075855872
8	$\mathcal{O}(9; \{8^2, 4^3, 2^{10}\})$	576460752303423488
8	$\mathcal{O}(9; \{8^2, 4^5, 2^7\})$	2305843009213693952
8	$\mathcal{O}(9; \{8^2, 4^7, 2^4\})$	9223372036854775808
8	$\mathcal{O}(9; \{8^2, 4^9, 2\})$	36893488147419103232
8	$\mathcal{O}(9; \{8^4, 2^{11}\})$	1152921504606846976
8	$\mathcal{O}(9; \{8^4, 4^2, 2^8\})$	4611686018427387904
8	$\mathcal{O}(9; \{8^4, 4^4, 2^5\})$	18446744073709551616
8	$\mathcal{O}(9; \{8^4, 4^6, 2^2\})$	73786976294838206464
8	$\mathcal{O}(9; \{8^6, 4, 2^6\})$	36893488147419103232
8	$\mathcal{O}(9; \{8^6, 4^3, 2^3\})$	147573952589676412928
8	$\mathcal{O}(9; \{8^6, 4^5\})$	590295810358705651712
8	$\mathcal{O}(9; \{8^8, 2^4\})$	295147905179352825856
8	$\mathcal{O}(9; \{8^8, 4^2, 2\})$	1180591620717411303424
8	$\mathcal{O}(8; \{2^{22}\})$	281470681743360
8	$\mathcal{O}(8; \{4^2, 2^{19}\})$	562941363486720
8	$\mathcal{O}(8; \{4^4, 2^{16}\})$	2251765453946880
8	$\mathcal{O}(8; \{4^6, 2^{13}\})$	9007061815787520
8	$\mathcal{O}(8; \{4^8, 2^{10}\})$	36028247263150080
8	$\mathcal{O}(8; \{4^{10}, 2^7\})$	144112989052600320
8	$\mathcal{O}(8; \{4^{12}, 2^4\})$	576451956210401280
8	$\mathcal{O}(8; \{4^{14}, 2\})$	2305807824841605120
8	$\mathcal{O}(8; \{8^2, 4, 2^{17}\})$	2251799813685248
8	$\mathcal{O}(8; \{8^2, 4^3, 2^{14}\})$	9007199254740992
8	$\mathcal{O}(8; \{8^2, 4^5, 2^{11}\})$	36028797018963968
8	$\mathcal{O}(8; \{8^2, 4^7, 2^8\})$	144115188075855872
8	$\mathcal{O}(8; \{8^2, 4^9, 2^5\})$	576460752303423488
8	$\mathcal{O}(8; \{8^2, 4^{11}, 2^2\})$	2305843009213693952
8	$\mathcal{O}(8; \{8^4, 2^{15}\})$	18014398509481984
8	$\mathcal{O}(8; \{8^4, 4^2, 2^{12}\})$	72057594037927936
8	$\mathcal{O}(8; \{8^4, 4^4, 2^9\})$	288230376151711744
8	$\mathcal{O}(8; \{8^4, 4^6, 2^6\})$	1152921504606846976
8	$\mathcal{O}(8; \{8^4, 4^8, 2^3\})$	4611686018427387904
8	$\mathcal{O}(8; \{8^4, 4^{10}\})$	18446744073709551616

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(8; \{8^6, 4, 2^{10}\})$	576460752303423488
8	$\mathcal{O}(8; \{8^6, 4^3, 2^7\})$	2305843009213693952
8	$\mathcal{O}(8; \{8^6, 4^5, 2^4\})$	9223372036854775808
8	$\mathcal{O}(8; \{8^6, 4^7, 2\})$	36893488147419103232
8	$\mathcal{O}(8; \{8^8, 2^8\})$	4611686018427387904
8	$\mathcal{O}(8; \{8^8, 4^2, 2^5\})$	18446744073709551616
8	$\mathcal{O}(8; \{8^8, 4^4, 2^2\})$	73786976294838206464
8	$\mathcal{O}(8; \{8^{10}, 4, 2^3\})$	147573952589676412928
8	$\mathcal{O}(8; \{8^{10}, 4^3\})$	590295810358705651712
8	$\mathcal{O}(8; \{8^{12}, 2\})$	1180591620717411303424
8	$\mathcal{O}(7; \{2^{26}\})$	4397778075648
8	$\mathcal{O}(7; \{4^2, 2^{23}\})$	8795556151296
8	$\mathcal{O}(7; \{4^4, 2^{20}\})$	35182224605184
8	$\mathcal{O}(7; \{4^6, 2^{17}\})$	140728898420736
8	$\mathcal{O}(7; \{4^8, 2^{14}\})$	562915593682944
8	$\mathcal{O}(7; \{4^{10}, 2^{11}\})$	2251662374731776
8	$\mathcal{O}(7; \{4^{12}, 2^8\})$	9006649498927104
8	$\mathcal{O}(7; \{4^{14}, 2^5\})$	36026597995708416
8	$\mathcal{O}(7; \{4^{16}, 2^2\})$	144106391982833664
8	$\mathcal{O}(7; \{8^2, 4, 2^{21}\})$	35184372088832
8	$\mathcal{O}(7; \{8^2, 4^3, 2^{18}\})$	140737488355328
8	$\mathcal{O}(7; \{8^2, 4^5, 2^{15}\})$	562949953421312
8	$\mathcal{O}(7; \{8^2, 4^7, 2^{12}\})$	2251799813685248
8	$\mathcal{O}(7; \{8^2, 4^9, 2^9\})$	9007199254740992
8	$\mathcal{O}(7; \{8^2, 4^{11}, 2^6\})$	36028797018963968
8	$\mathcal{O}(7; \{8^2, 4^{13}, 2^3\})$	144115188075855872
8	$\mathcal{O}(7; \{8^2, 4^{15}\})$	576460752303423488
8	$\mathcal{O}(7; \{8^4, 2^{19}\})$	281474976710656
8	$\mathcal{O}(7; \{8^4, 4^2, 2^{16}\})$	1125899906842624
8	$\mathcal{O}(7; \{8^4, 4^4, 2^{13}\})$	4503599627370496
8	$\mathcal{O}(7; \{8^4, 4^6, 2^{10}\})$	18014398509481984
8	$\mathcal{O}(7; \{8^4, 4^8, 2^7\})$	72057594037927936
8	$\mathcal{O}(7; \{8^4, 4^{10}, 2^4\})$	288230376151711744
8	$\mathcal{O}(7; \{8^4, 4^{12}, 2\})$	1152921504606846976
8	$\mathcal{O}(7; \{8^6, 4, 2^{14}\})$	9007199254740992
8	$\mathcal{O}(7; \{8^6, 4^3, 2^{11}\})$	36028797018963968
8	$\mathcal{O}(7; \{8^6, 4^5, 2^8\})$	144115188075855872
8	$\mathcal{O}(7; \{8^6, 4^7, 2^5\})$	576460752303423488
8	$\mathcal{O}(7; \{8^6, 4^9, 2^2\})$	2305843009213693952
8	$\mathcal{O}(7; \{8^8, 2^{12}\})$	72057594037927936
8	$\mathcal{O}(7; \{8^8, 4^2, 2^9\})$	288230376151711744
8	$\mathcal{O}(7; \{8^8, 4^4, 2^6\})$	1152921504606846976
8	$\mathcal{O}(7; \{8^8, 4^6, 2^3\})$	4611686018427387904

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(7; \{8^8, 4^8\})$	18446744073709551616
8	$\mathcal{O}(7; \{8^{10}, 4, 2^7\})$	2305843009213693952
8	$\mathcal{O}(7; \{8^{10}, 4^3, 2^4\})$	9223372036854775808
8	$\mathcal{O}(7; \{8^{10}, 4^5, 2\})$	36893488147419103232
8	$\mathcal{O}(7; \{8^{12}, 2^5\})$	18446744073709551616
8	$\mathcal{O}(7; \{8^{12}, 4^2, 2^2\})$	73786976294838206464
8	$\mathcal{O}(7; \{8^{14}, 4\})$	590295810358705651712
8	$\mathcal{O}(6; \{2^{30}\})$	68702699520
8	$\mathcal{O}(6; \{4^2, 2^{27}\})$	137405399040
8	$\mathcal{O}(6; \{4^4, 2^{24}\})$	549621596160
8	$\mathcal{O}(6; \{4^6, 2^{21}\})$	2198486384640
8	$\mathcal{O}(6; \{4^8, 2^{18}\})$	8793945538560
8	$\mathcal{O}(6; \{4^{10}, 2^{15}\})$	35175782154240
8	$\mathcal{O}(6; \{4^{12}, 2^{12}\})$	140703128616960
8	$\mathcal{O}(6; \{4^{14}, 2^9\})$	562812514467840
8	$\mathcal{O}(6; \{4^{16}, 2^6\})$	2251250057871360
8	$\mathcal{O}(6; \{4^{18}, 2^3\})$	9005000231485440
8	$\mathcal{O}(6; \{4^{20}\})$	36020000925941760
8	$\mathcal{O}(6; \{8^2, 4, 2^{25}\})$	549755813888
8	$\mathcal{O}(6; \{8^2, 4^3, 2^{22}\})$	2199023255552
8	$\mathcal{O}(6; \{8^2, 4^5, 2^{19}\})$	8796093022208
8	$\mathcal{O}(6; \{8^2, 4^7, 2^{16}\})$	35184372088832
8	$\mathcal{O}(6; \{8^2, 4^9, 2^{13}\})$	140737488355328
8	$\mathcal{O}(6; \{8^2, 4^{11}, 2^{10}\})$	562949953421312
8	$\mathcal{O}(6; \{8^2, 4^{13}, 2^7\})$	2251799813685248
8	$\mathcal{O}(6; \{8^2, 4^{15}, 2^4\})$	9007199254740992
8	$\mathcal{O}(6; \{8^2, 4^{17}, 2\})$	36028797018963968
8	$\mathcal{O}(6; \{8^4, 2^{23}\})$	4398046511104
8	$\mathcal{O}(6; \{8^4, 4^2, 2^{20}\})$	17592186044416
8	$\mathcal{O}(6; \{8^4, 4^4, 2^{17}\})$	70368744177664
8	$\mathcal{O}(6; \{8^4, 4^6, 2^{14}\})$	281474976710656
8	$\mathcal{O}(6; \{8^4, 4^8, 2^{11}\})$	1125899906842624
8	$\mathcal{O}(6; \{8^4, 4^{10}, 2^8\})$	4503599627370496
8	$\mathcal{O}(6; \{8^4, 4^{12}, 2^5\})$	18014398509481984
8	$\mathcal{O}(6; \{8^4, 4^{14}, 2^2\})$	72057594037927936
8	$\mathcal{O}(6; \{8^6, 4, 2^{18}\})$	140737488355328
8	$\mathcal{O}(6; \{8^6, 4^3, 2^{15}\})$	562949953421312
8	$\mathcal{O}(6; \{8^6, 4^5, 2^{12}\})$	2251799813685248
8	$\mathcal{O}(6; \{8^6, 4^7, 2^9\})$	9007199254740992
8	$\mathcal{O}(6; \{8^6, 4^9, 2^6\})$	36028797018963968
8	$\mathcal{O}(6; \{8^6, 4^{11}, 2^3\})$	144115188075855872
8	$\mathcal{O}(6; \{8^6, 4^{13}\})$	576460752303423488
8	$\mathcal{O}(6; \{8^8, 2^{16}\})$	1125899906842624

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(6; \{8^8, 4^2, 2^{13}\})$	4503599627370496
8	$\mathcal{O}(6; \{8^8, 4^4, 2^{10}\})$	18014398509481984
8	$\mathcal{O}(6; \{8^8, 4^6, 2^7\})$	72057594037927936
8	$\mathcal{O}(6; \{8^8, 4^8, 2^4\})$	288230376151711744
8	$\mathcal{O}(6; \{8^8, 4^{10}, 2\})$	1152921504606846976
8	$\mathcal{O}(6; \{8^{10}, 4, 2^{11}\})$	36028797018963968
8	$\mathcal{O}(6; \{8^{10}, 4^3, 2^8\})$	144115188075855872
8	$\mathcal{O}(6; \{8^{10}, 4^5, 2^5\})$	576460752303423488
8	$\mathcal{O}(6; \{8^{10}, 4^7, 2^2\})$	2305843009213693952
8	$\mathcal{O}(6; \{8^{12}, 2^9\})$	288230376151711744
8	$\mathcal{O}(6; \{8^{12}, 4^2, 2^6\})$	1152921504606846976
8	$\mathcal{O}(6; \{8^{12}, 4^4, 2^3\})$	4611686018427387904
8	$\mathcal{O}(6; \{8^{12}, 4^6\})$	18446744073709551616
8	$\mathcal{O}(6; \{8^{14}, 4, 2^4\})$	9223372036854775808
8	$\mathcal{O}(6; \{8^{14}, 4^3, 2\})$	36893488147419103232
8	$\mathcal{O}(6; \{8^{16}, 2^2\})$	73786976294838206464
8	$\mathcal{O}(5; \{2^{34}\})$	1072693248
8	$\mathcal{O}(5; \{4^2, 2^{31}\})$	2145386496
8	$\mathcal{O}(5; \{4^4, 2^{28}\})$	8581545984
8	$\mathcal{O}(5; \{4^6, 2^{25}\})$	34326183936
8	$\mathcal{O}(5; \{4^8, 2^{22}\})$	137304735744
8	$\mathcal{O}(5; \{4^{10}, 2^{19}\})$	549218942976
8	$\mathcal{O}(5; \{4^{12}, 2^{16}\})$	2196875771904
8	$\mathcal{O}(5; \{4^{14}, 2^{13}\})$	8787503087616
8	$\mathcal{O}(5; \{4^{16}, 2^{10}\})$	35150012350464
8	$\mathcal{O}(5; \{4^{18}, 2^7\})$	140600049401856
8	$\mathcal{O}(5; \{4^{20}, 2^4\})$	562400197607424
8	$\mathcal{O}(5; \{4^{22}, 2\})$	2249600790429696
8	$\mathcal{O}(5; \{8^2, 4, 2^{29}\})$	8589934592
8	$\mathcal{O}(5; \{8^2, 4^3, 2^{26}\})$	34359738368
8	$\mathcal{O}(5; \{8^2, 4^5, 2^{23}\})$	137438953472
8	$\mathcal{O}(5; \{8^2, 4^7, 2^{20}\})$	549755813888
8	$\mathcal{O}(5; \{8^2, 4^9, 2^{17}\})$	2199023255552
8	$\mathcal{O}(5; \{8^2, 4^{11}, 2^{14}\})$	8796093022208
8	$\mathcal{O}(5; \{8^2, 4^{13}, 2^{11}\})$	35184372088832
8	$\mathcal{O}(5; \{8^2, 4^{15}, 2^8\})$	140737488355328
8	$\mathcal{O}(5; \{8^2, 4^{17}, 2^5\})$	562949953421312
8	$\mathcal{O}(5; \{8^2, 4^{19}, 2^2\})$	2251799813685248
8	$\mathcal{O}(5; \{8^4, 2^{27}\})$	68719476736
8	$\mathcal{O}(5; \{8^4, 4^2, 2^{24}\})$	274877906944
8	$\mathcal{O}(5; \{8^4, 4^4, 2^{21}\})$	1099511627776
8	$\mathcal{O}(5; \{8^4, 4^6, 2^{18}\})$	4398046511104
8	$\mathcal{O}(5; \{8^4, 4^8, 2^{15}\})$	17592186044416

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(5; \{8^4, 4^{10}, 2^{12}\})$	70368744177664
8	$\mathcal{O}(5; \{8^4, 4^{12}, 2^9\})$	281474976710656
8	$\mathcal{O}(5; \{8^4, 4^{14}, 2^6\})$	1125899906842624
8	$\mathcal{O}(5; \{8^4, 4^{16}, 2^3\})$	4503599627370496
8	$\mathcal{O}(5; \{8^4, 4^{18}\})$	18014398509481984
8	$\mathcal{O}(5; \{8^6, 4, 2^{22}\})$	2199023255552
8	$\mathcal{O}(5; \{8^6, 4^3, 2^{19}\})$	8796093022208
8	$\mathcal{O}(5; \{8^6, 4^5, 2^{16}\})$	35184372088832
8	$\mathcal{O}(5; \{8^6, 4^7, 2^{13}\})$	140737488355328
8	$\mathcal{O}(5; \{8^6, 4^9, 2^{10}\})$	562949953421312
8	$\mathcal{O}(5; \{8^6, 4^{11}, 2^7\})$	2251799813685248
8	$\mathcal{O}(5; \{8^6, 4^{13}, 2^4\})$	9007199254740992
8	$\mathcal{O}(5; \{8^6, 4^{15}, 2\})$	36028797018963968
8	$\mathcal{O}(5; \{8^8, 2^{20}\})$	17592186044416
8	$\mathcal{O}(5; \{8^8, 4^2, 2^{17}\})$	70368744177664
8	$\mathcal{O}(5; \{8^8, 4^4, 2^{14}\})$	281474976710656
8	$\mathcal{O}(5; \{8^8, 4^6, 2^{11}\})$	1125899906842624
8	$\mathcal{O}(5; \{8^8, 4^8, 2^8\})$	4503599627370496
8	$\mathcal{O}(5; \{8^8, 4^{10}, 2^5\})$	18014398509481984
8	$\mathcal{O}(5; \{8^8, 4^{12}, 2^2\})$	72057594037927936
8	$\mathcal{O}(5; \{8^{10}, 4, 2^{15}\})$	562949953421312
8	$\mathcal{O}(5; \{8^{10}, 4^3, 2^{12}\})$	2251799813685248
8	$\mathcal{O}(5; \{8^{10}, 4^5, 2^9\})$	9007199254740992
8	$\mathcal{O}(5; \{8^{10}, 4^7, 2^6\})$	36028797018963968
8	$\mathcal{O}(5; \{8^{10}, 4^9, 2^3\})$	144115188075855872
8	$\mathcal{O}(5; \{8^{10}, 4^{11}\})$	576460752303423488
8	$\mathcal{O}(5; \{8^{12}, 2^{13}\})$	4503599627370496
8	$\mathcal{O}(5; \{8^{12}, 4^2, 2^{10}\})$	18014398509481984
8	$\mathcal{O}(5; \{8^{12}, 4^4, 2^7\})$	72057594037927936
8	$\mathcal{O}(5; \{8^{12}, 4^6, 2^4\})$	288230376151711744
8	$\mathcal{O}(5; \{8^{12}, 4^8, 2\})$	1152921504606846976
8	$\mathcal{O}(5; \{8^{14}, 4, 2^8\})$	144115188075855872
8	$\mathcal{O}(5; \{8^{14}, 4^3, 2^5\})$	576460752303423488
8	$\mathcal{O}(5; \{8^{14}, 4^5, 2^2\})$	2305843009213693952
8	$\mathcal{O}(5; \{8^{16}, 2^6\})$	1152921504606846976
8	$\mathcal{O}(5; \{8^{16}, 4^2, 2^3\})$	4611686018427387904
8	$\mathcal{O}(5; \{8^{16}, 4^4\})$	18446744073709551616
8	$\mathcal{O}(5; \{8^{18}, 4, 2\})$	36893488147419103232
8	$\mathcal{O}(4; \{2^{38}\})$	16711680
8	$\mathcal{O}(4; \{4^2, 2^{35}\})$	33423360
8	$\mathcal{O}(4; \{4^4, 2^{32}\})$	133693440
8	$\mathcal{O}(4; \{4^6, 2^{29}\})$	534773760
8	$\mathcal{O}(4; \{4^8, 2^{26}\})$	2139095040

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(4; \{4^{10}, 2^{23}\})$	8556380160
8	$\mathcal{O}(4; \{4^{12}, 2^{20}\})$	34225520640
8	$\mathcal{O}(4; \{4^{14}, 2^{17}\})$	136902082560
8	$\mathcal{O}(4; \{4^{16}, 2^{14}\})$	547608330240
8	$\mathcal{O}(4; \{4^{18}, 2^{11}\})$	2190433320960
8	$\mathcal{O}(4; \{4^{20}, 2^8\})$	8761733283840
8	$\mathcal{O}(4; \{4^{22}, 2^5\})$	35046933135360
8	$\mathcal{O}(4; \{4^{24}, 2^2\})$	140187732541440
8	$\mathcal{O}(4; \{8^2, 4, 2^{33}\})$	134217728
8	$\mathcal{O}(4; \{8^2, 4^3, 2^{30}\})$	536870912
8	$\mathcal{O}(4; \{8^2, 4^5, 2^{27}\})$	2147483648
8	$\mathcal{O}(4; \{8^2, 4^7, 2^{24}\})$	8589934592
8	$\mathcal{O}(4; \{8^2, 4^9, 2^{21}\})$	34359738368
8	$\mathcal{O}(4; \{8^2, 4^{11}, 2^{18}\})$	137438953472
8	$\mathcal{O}(4; \{8^2, 4^{13}, 2^{15}\})$	549755813888
8	$\mathcal{O}(4; \{8^2, 4^{15}, 2^{12}\})$	2199023255552
8	$\mathcal{O}(4; \{8^2, 4^{17}, 2^9\})$	8796093022208
8	$\mathcal{O}(4; \{8^2, 4^{19}, 2^6\})$	35184372088832
8	$\mathcal{O}(4; \{8^2, 4^{21}, 2^3\})$	140737488355328
8	$\mathcal{O}(4; \{8^2, 4^{23}\})$	562949953421312
8	$\mathcal{O}(4; \{8^4, 2^{31}\})$	1073741824
8	$\mathcal{O}(4; \{8^4, 4^2, 2^{28}\})$	4294967296
8	$\mathcal{O}(4; \{8^4, 4^4, 2^{25}\})$	17179869184
8	$\mathcal{O}(4; \{8^4, 4^6, 2^{22}\})$	68719476736
8	$\mathcal{O}(4; \{8^4, 4^8, 2^{19}\})$	274877906944
8	$\mathcal{O}(4; \{8^4, 4^{10}, 2^{16}\})$	1099511627776
8	$\mathcal{O}(4; \{8^4, 4^{12}, 2^{13}\})$	4398046511104
8	$\mathcal{O}(4; \{8^4, 4^{14}, 2^{10}\})$	17592186044416
8	$\mathcal{O}(4; \{8^4, 4^{16}, 2^7\})$	70368744177664
8	$\mathcal{O}(4; \{8^4, 4^{18}, 2^4\})$	281474976710656
8	$\mathcal{O}(4; \{8^4, 4^{20}, 2\})$	1125899906842624
8	$\mathcal{O}(4; \{8^6, 4, 2^{26}\})$	34359738368
8	$\mathcal{O}(4; \{8^6, 4^3, 2^{23}\})$	137438953472
8	$\mathcal{O}(4; \{8^6, 4^5, 2^{20}\})$	549755813888
8	$\mathcal{O}(4; \{8^6, 4^7, 2^{17}\})$	2199023255552
8	$\mathcal{O}(4; \{8^6, 4^9, 2^{14}\})$	8796093022208
8	$\mathcal{O}(4; \{8^6, 4^{11}, 2^{11}\})$	35184372088832
8	$\mathcal{O}(4; \{8^6, 4^{13}, 2^8\})$	140737488355328
8	$\mathcal{O}(4; \{8^6, 4^{15}, 2^5\})$	562949953421312
8	$\mathcal{O}(4; \{8^6, 4^{17}, 2^2\})$	2251799813685248
8	$\mathcal{O}(4; \{8^8, 2^{24}\})$	274877906944
8	$\mathcal{O}(4; \{8^8, 4^2, 2^{21}\})$	1099511627776
8	$\mathcal{O}(4; \{8^8, 4^4, 2^{18}\})$	4398046511104

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(4; \{8^8, 4^6, 2^{15}\})$	17592186044416
8	$\mathcal{O}(4; \{8^8, 4^8, 2^{12}\})$	70368744177664
8	$\mathcal{O}(4; \{8^8, 4^{10}, 2^9\})$	281474976710656
8	$\mathcal{O}(4; \{8^8, 4^{12}, 2^6\})$	1125899906842624
8	$\mathcal{O}(4; \{8^8, 4^{14}, 2^3\})$	4503599627370496
8	$\mathcal{O}(4; \{8^8, 4^{16}\})$	18014398509481984
8	$\mathcal{O}(4; \{8^{10}, 4, 2^{19}\})$	8796093022208
8	$\mathcal{O}(4; \{8^{10}, 4^3, 2^{16}\})$	35184372088832
8	$\mathcal{O}(4; \{8^{10}, 4^5, 2^{13}\})$	140737488355328
8	$\mathcal{O}(4; \{8^{10}, 4^7, 2^{10}\})$	562949953421312
8	$\mathcal{O}(4; \{8^{10}, 4^9, 2^7\})$	2251799813685248
8	$\mathcal{O}(4; \{8^{10}, 4^{11}, 2^4\})$	9007199254740992
8	$\mathcal{O}(4; \{8^{10}, 4^{13}, 2\})$	36028797018963968
8	$\mathcal{O}(4; \{8^{12}, 2^{17}\})$	70368744177664
8	$\mathcal{O}(4; \{8^{12}, 4^2, 2^{14}\})$	281474976710656
8	$\mathcal{O}(4; \{8^{12}, 4^4, 2^{11}\})$	1125899906842624
8	$\mathcal{O}(4; \{8^{12}, 4^6, 2^8\})$	4503599627370496
8	$\mathcal{O}(4; \{8^{12}, 4^8, 2^5\})$	18014398509481984
8	$\mathcal{O}(4; \{8^{12}, 4^{10}, 2^2\})$	72057594037927936
8	$\mathcal{O}(4; \{8^{14}, 4, 2^{12}\})$	2251799813685248
8	$\mathcal{O}(4; \{8^{14}, 4^3, 2^9\})$	9007199254740992
8	$\mathcal{O}(4; \{8^{14}, 4^5, 2^6\})$	36028797018963968
8	$\mathcal{O}(4; \{8^{14}, 4^7, 2^3\})$	144115188075855872
8	$\mathcal{O}(4; \{8^{14}, 4^9\})$	576460752303423488
8	$\mathcal{O}(4; \{8^{16}, 2^{10}\})$	18014398509481984
8	$\mathcal{O}(4; \{8^{16}, 4^2, 2^7\})$	72057594037927936
8	$\mathcal{O}(4; \{8^{16}, 4^4, 2^4\})$	288230376151711744
8	$\mathcal{O}(4; \{8^{16}, 4^6, 2\})$	1152921504606846976
8	$\mathcal{O}(4; \{8^{18}, 4, 2^5\})$	576460752303423488
8	$\mathcal{O}(4; \{8^{18}, 4^3, 2^2\})$	2305843009213693952
8	$\mathcal{O}(4; \{8^{20}, 2^3\})$	4611686018427387904
8	$\mathcal{O}(4; \{8^{20}, 4^2\})$	18446744073709551616
8	$\mathcal{O}(3; \{2^{42}\})$	258048
8	$\mathcal{O}(3; \{4^2, 2^{39}\})$	516096
8	$\mathcal{O}(3; \{4^4, 2^{36}\})$	2064384
8	$\mathcal{O}(3; \{4^6, 2^{33}\})$	8257536
8	$\mathcal{O}(3; \{4^8, 2^{30}\})$	33030144
8	$\mathcal{O}(3; \{4^{10}, 2^{27}\})$	132120576
8	$\mathcal{O}(3; \{4^{12}, 2^{24}\})$	528482304
8	$\mathcal{O}(3; \{4^{14}, 2^{21}\})$	2113929216
8	$\mathcal{O}(3; \{4^{16}, 2^{18}\})$	8455716864
8	$\mathcal{O}(3; \{4^{18}, 2^{15}\})$	33822867456
8	$\mathcal{O}(3; \{4^{20}, 2^{12}\})$	135291469824

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(3; \{4^{22}, 2^9\})$	541165879296
8	$\mathcal{O}(3; \{4^{24}, 2^6\})$	2164663517184
8	$\mathcal{O}(3; \{4^{26}, 2^3\})$	8658654068736
8	$\mathcal{O}(3; \{4^{28}\})$	34634616274944
8	$\mathcal{O}(3; \{8^2, 4, 2^{37}\})$	2097152
8	$\mathcal{O}(3; \{8^2, 4^3, 2^{34}\})$	8388608
8	$\mathcal{O}(3; \{8^2, 4^5, 2^{31}\})$	33554432
8	$\mathcal{O}(3; \{8^2, 4^7, 2^{28}\})$	134217728
8	$\mathcal{O}(3; \{8^2, 4^9, 2^{25}\})$	536870912
8	$\mathcal{O}(3; \{8^2, 4^{11}, 2^{22}\})$	2147483648
8	$\mathcal{O}(3; \{8^2, 4^{13}, 2^{19}\})$	8589934592
8	$\mathcal{O}(3; \{8^2, 4^{15}, 2^{16}\})$	34359738368
8	$\mathcal{O}(3; \{8^2, 4^{17}, 2^{13}\})$	137438953472
8	$\mathcal{O}(3; \{8^2, 4^{19}, 2^{10}\})$	549755813888
8	$\mathcal{O}(3; \{8^2, 4^{21}, 2^7\})$	2199023255552
8	$\mathcal{O}(3; \{8^2, 4^{23}, 2^4\})$	8796093022208
8	$\mathcal{O}(3; \{8^2, 4^{25}, 2\})$	35184372088832
8	$\mathcal{O}(3; \{8^4, 2^{35}\})$	16777216
8	$\mathcal{O}(3; \{8^4, 4^2, 2^{32}\})$	67108864
8	$\mathcal{O}(3; \{8^4, 4^4, 2^{29}\})$	268435456
8	$\mathcal{O}(3; \{8^4, 4^6, 2^{26}\})$	1073741824
8	$\mathcal{O}(3; \{8^4, 4^8, 2^{23}\})$	4294967296
8	$\mathcal{O}(3; \{8^4, 4^{10}, 2^{20}\})$	17179869184
8	$\mathcal{O}(3; \{8^4, 4^{12}, 2^{17}\})$	68719476736
8	$\mathcal{O}(3; \{8^4, 4^{14}, 2^{14}\})$	274877906944
8	$\mathcal{O}(3; \{8^4, 4^{16}, 2^{11}\})$	1099511627776
8	$\mathcal{O}(3; \{8^4, 4^{18}, 2^8\})$	4398046511104
8	$\mathcal{O}(3; \{8^4, 4^{20}, 2^5\})$	17592186044416
8	$\mathcal{O}(3; \{8^4, 4^{22}, 2^2\})$	70368744177664
8	$\mathcal{O}(3; \{8^6, 4, 2^{30}\})$	536870912
8	$\mathcal{O}(3; \{8^6, 4^3, 2^{27}\})$	2147483648
8	$\mathcal{O}(3; \{8^6, 4^5, 2^{24}\})$	8589934592
8	$\mathcal{O}(3; \{8^6, 4^7, 2^{21}\})$	34359738368
8	$\mathcal{O}(3; \{8^6, 4^9, 2^{18}\})$	137438953472
8	$\mathcal{O}(3; \{8^6, 4^{11}, 2^{15}\})$	549755813888
8	$\mathcal{O}(3; \{8^6, 4^{13}, 2^{12}\})$	2199023255552
8	$\mathcal{O}(3; \{8^6, 4^{15}, 2^9\})$	8796093022208
8	$\mathcal{O}(3; \{8^6, 4^{17}, 2^6\})$	35184372088832
8	$\mathcal{O}(3; \{8^6, 4^{19}, 2^3\})$	140737488355328
8	$\mathcal{O}(3; \{8^6, 4^{21}\})$	562949953421312
8	$\mathcal{O}(3; \{8^8, 2^{28}\})$	4294967296
8	$\mathcal{O}(3; \{8^8, 4^2, 2^{25}\})$	17179869184
8	$\mathcal{O}(3; \{8^8, 4^4, 2^{22}\})$	68719476736

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(3; \{8^8, 4^6, 2^{19}\})$	274877906944
8	$\mathcal{O}(3; \{8^8, 4^8, 2^{16}\})$	1099511627776
8	$\mathcal{O}(3; \{8^8, 4^{10}, 2^{13}\})$	4398046511104
8	$\mathcal{O}(3; \{8^8, 4^{12}, 2^{10}\})$	17592186044416
8	$\mathcal{O}(3; \{8^8, 4^{14}, 2^7\})$	70368744177664
8	$\mathcal{O}(3; \{8^8, 4^{16}, 2^4\})$	281474976710656
8	$\mathcal{O}(3; \{8^8, 4^{18}, 2\})$	1125899906842624
8	$\mathcal{O}(3; \{8^{10}, 4, 2^{23}\})$	137438953472
8	$\mathcal{O}(3; \{8^{10}, 4^3, 2^{20}\})$	549755813888
8	$\mathcal{O}(3; \{8^{10}, 4^5, 2^{17}\})$	2199023255552
8	$\mathcal{O}(3; \{8^{10}, 4^7, 2^{14}\})$	8796093022208
8	$\mathcal{O}(3; \{8^{10}, 4^9, 2^{11}\})$	35184372088832
8	$\mathcal{O}(3; \{8^{10}, 4^{11}, 2^8\})$	140737488355328
8	$\mathcal{O}(3; \{8^{10}, 4^{13}, 2^5\})$	562949953421312
8	$\mathcal{O}(3; \{8^{10}, 4^{15}, 2^2\})$	2251799813685248
8	$\mathcal{O}(3; \{8^{12}, 2^{21}\})$	1099511627776
8	$\mathcal{O}(3; \{8^{12}, 4^2, 2^{18}\})$	4398046511104
8	$\mathcal{O}(3; \{8^{12}, 4^4, 2^{15}\})$	17592186044416
8	$\mathcal{O}(3; \{8^{12}, 4^6, 2^{12}\})$	70368744177664
8	$\mathcal{O}(3; \{8^{12}, 4^8, 2^9\})$	281474976710656
8	$\mathcal{O}(3; \{8^{12}, 4^{10}, 2^6\})$	1125899906842624
8	$\mathcal{O}(3; \{8^{12}, 4^{12}, 2^3\})$	4503599627370496
8	$\mathcal{O}(3; \{8^{12}, 4^{14}\})$	18014398509481984
8	$\mathcal{O}(3; \{8^{14}, 4, 2^{16}\})$	35184372088832
8	$\mathcal{O}(3; \{8^{14}, 4^3, 2^{13}\})$	140737488355328
8	$\mathcal{O}(3; \{8^{14}, 4^5, 2^{10}\})$	562949953421312
8	$\mathcal{O}(3; \{8^{14}, 4^7, 2^7\})$	2251799813685248
8	$\mathcal{O}(3; \{8^{14}, 4^9, 2^4\})$	9007199254740992
8	$\mathcal{O}(3; \{8^{14}, 4^{11}, 2\})$	36028797018963968
8	$\mathcal{O}(3; \{8^{16}, 2^{14}\})$	281474976710656
8	$\mathcal{O}(3; \{8^{16}, 4^2, 2^{11}\})$	1125899906842624
8	$\mathcal{O}(3; \{8^{16}, 4^4, 2^8\})$	4503599627370496
8	$\mathcal{O}(3; \{8^{16}, 4^6, 2^5\})$	18014398509481984
8	$\mathcal{O}(3; \{8^{16}, 4^8, 2^2\})$	72057594037927936
8	$\mathcal{O}(3; \{8^{18}, 4, 2^9\})$	9007199254740992
8	$\mathcal{O}(3; \{8^{18}, 4^3, 2^6\})$	36028797018963968
8	$\mathcal{O}(3; \{8^{18}, 4^5, 2^3\})$	144115188075855872
8	$\mathcal{O}(3; \{8^{18}, 4^7\})$	576460752303423488
8	$\mathcal{O}(3; \{8^{20}, 2^7\})$	72057594037927936
8	$\mathcal{O}(3; \{8^{20}, 4^2, 2^4\})$	288230376151711744
8	$\mathcal{O}(3; \{8^{20}, 4^4, 2\})$	1152921504606846976
8	$\mathcal{O}(3; \{8^{22}, 4, 2^2\})$	2305843009213693952
8	$\mathcal{O}(3; \{8^{24}\})$	18446744073709551616

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{2^{46}\})$	3840
8	$\mathcal{O}(2; \{4^2, 2^{43}\})$	7680
8	$\mathcal{O}(2; \{4^4, 2^{40}\})$	30720
8	$\mathcal{O}(2; \{4^6, 2^{37}\})$	122880
8	$\mathcal{O}(2; \{4^8, 2^{34}\})$	491520
8	$\mathcal{O}(2; \{4^{10}, 2^{31}\})$	1966080
8	$\mathcal{O}(2; \{4^{12}, 2^{28}\})$	7864320
8	$\mathcal{O}(2; \{4^{14}, 2^{25}\})$	31457280
8	$\mathcal{O}(2; \{4^{16}, 2^{22}\})$	125829120
8	$\mathcal{O}(2; \{4^{18}, 2^{19}\})$	503316480
8	$\mathcal{O}(2; \{4^{20}, 2^{16}\})$	2013265920
8	$\mathcal{O}(2; \{4^{22}, 2^{13}\})$	8053063680
8	$\mathcal{O}(2; \{4^{24}, 2^{10}\})$	32212254720
8	$\mathcal{O}(2; \{4^{26}, 2^7\})$	128849018880
8	$\mathcal{O}(2; \{4^{28}, 2^4\})$	515396075520
8	$\mathcal{O}(2; \{4^{30}, 2\})$	2061584302080
8	$\mathcal{O}(2; \{8^2, 4, 2^{41}\})$	32768
8	$\mathcal{O}(2; \{8^2, 4^3, 2^{38}\})$	131072
8	$\mathcal{O}(2; \{8^2, 4^5, 2^{35}\})$	524288
8	$\mathcal{O}(2; \{8^2, 4^7, 2^{32}\})$	2097152
8	$\mathcal{O}(2; \{8^2, 4^9, 2^{29}\})$	8388608
8	$\mathcal{O}(2; \{8^2, 4^{11}, 2^{26}\})$	33554432
8	$\mathcal{O}(2; \{8^2, 4^{13}, 2^{23}\})$	134217728
8	$\mathcal{O}(2; \{8^2, 4^{15}, 2^{20}\})$	536870912
8	$\mathcal{O}(2; \{8^2, 4^{17}, 2^{17}\})$	2147483648
8	$\mathcal{O}(2; \{8^2, 4^{19}, 2^{14}\})$	8589934592
8	$\mathcal{O}(2; \{8^2, 4^{21}, 2^{11}\})$	34359738368
8	$\mathcal{O}(2; \{8^2, 4^{23}, 2^8\})$	137438953472
8	$\mathcal{O}(2; \{8^2, 4^{25}, 2^5\})$	549755813888
8	$\mathcal{O}(2; \{8^2, 4^{27}, 2^2\})$	2199023255552
8	$\mathcal{O}(2; \{8^4, 2^{39}\})$	262144
8	$\mathcal{O}(2; \{8^4, 4^2, 2^{36}\})$	1048576
8	$\mathcal{O}(2; \{8^4, 4^4, 2^{33}\})$	4194304
8	$\mathcal{O}(2; \{8^4, 4^6, 2^{30}\})$	16777216
8	$\mathcal{O}(2; \{8^4, 4^8, 2^{27}\})$	67108864
8	$\mathcal{O}(2; \{8^4, 4^{10}, 2^{24}\})$	268435456
8	$\mathcal{O}(2; \{8^4, 4^{12}, 2^{21}\})$	1073741824
8	$\mathcal{O}(2; \{8^4, 4^{14}, 2^{18}\})$	4294967296
8	$\mathcal{O}(2; \{8^4, 4^{16}, 2^{15}\})$	17179869184
8	$\mathcal{O}(2; \{8^4, 4^{18}, 2^{12}\})$	68719476736
8	$\mathcal{O}(2; \{8^4, 4^{20}, 2^9\})$	274877906944
8	$\mathcal{O}(2; \{8^4, 4^{22}, 2^6\})$	1099511627776
8	$\mathcal{O}(2; \{8^4, 4^{24}, 2^3\})$	4398046511104

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{8^4, 4^{26}\})$	17592186044416
8	$\mathcal{O}(2; \{8^6, 4, 2^{34}\})$	8388608
8	$\mathcal{O}(2; \{8^6, 4^3, 2^{31}\})$	33554432
8	$\mathcal{O}(2; \{8^6, 4^5, 2^{28}\})$	134217728
8	$\mathcal{O}(2; \{8^6, 4^7, 2^{25}\})$	536870912
8	$\mathcal{O}(2; \{8^6, 4^9, 2^{22}\})$	2147483648
8	$\mathcal{O}(2; \{8^6, 4^{11}, 2^{19}\})$	8589934592
8	$\mathcal{O}(2; \{8^6, 4^{13}, 2^{16}\})$	34359738368
8	$\mathcal{O}(2; \{8^6, 4^{15}, 2^{13}\})$	137438953472
8	$\mathcal{O}(2; \{8^6, 4^{17}, 2^{10}\})$	549755813888
8	$\mathcal{O}(2; \{8^6, 4^{19}, 2^7\})$	2199023255552
8	$\mathcal{O}(2; \{8^6, 4^{21}, 2^4\})$	8796093022208
8	$\mathcal{O}(2; \{8^6, 4^{23}, 2\})$	35184372088832
8	$\mathcal{O}(2; \{8^8, 2^{32}\})$	67108864
8	$\mathcal{O}(2; \{8^8, 4^2, 2^{29}\})$	268435456
8	$\mathcal{O}(2; \{8^8, 4^4, 2^{26}\})$	1073741824
8	$\mathcal{O}(2; \{8^8, 4^6, 2^{23}\})$	4294967296
8	$\mathcal{O}(2; \{8^8, 4^8, 2^{20}\})$	17179869184
8	$\mathcal{O}(2; \{8^8, 4^{10}, 2^{17}\})$	68719476736
8	$\mathcal{O}(2; \{8^8, 4^{12}, 2^{14}\})$	274877906944
8	$\mathcal{O}(2; \{8^8, 4^{14}, 2^{11}\})$	1099511627776
8	$\mathcal{O}(2; \{8^8, 4^{16}, 2^8\})$	4398046511104
8	$\mathcal{O}(2; \{8^8, 4^{18}, 2^5\})$	17592186044416
8	$\mathcal{O}(2; \{8^8, 4^{20}, 2^2\})$	70368744177664
8	$\mathcal{O}(2; \{8^{10}, 4, 2^{27}\})$	2147483648
8	$\mathcal{O}(2; \{8^{10}, 4^3, 2^{24}\})$	8589934592
8	$\mathcal{O}(2; \{8^{10}, 4^5, 2^{21}\})$	34359738368
8	$\mathcal{O}(2; \{8^{10}, 4^7, 2^{18}\})$	137438953472
8	$\mathcal{O}(2; \{8^{10}, 4^9, 2^{15}\})$	549755813888
8	$\mathcal{O}(2; \{8^{10}, 4^{11}, 2^{12}\})$	2199023255552
8	$\mathcal{O}(2; \{8^{10}, 4^{13}, 2^9\})$	8796093022208
8	$\mathcal{O}(2; \{8^{10}, 4^{15}, 2^6\})$	35184372088832
8	$\mathcal{O}(2; \{8^{10}, 4^{17}, 2^3\})$	140737488355328
8	$\mathcal{O}(2; \{8^{10}, 4^{19}\})$	562949953421312
8	$\mathcal{O}(2; \{8^{12}, 2^{25}\})$	17179869184
8	$\mathcal{O}(2; \{8^{12}, 4^2, 2^{22}\})$	68719476736
8	$\mathcal{O}(2; \{8^{12}, 4^4, 2^{19}\})$	274877906944
8	$\mathcal{O}(2; \{8^{12}, 4^6, 2^{16}\})$	1099511627776
8	$\mathcal{O}(2; \{8^{12}, 4^8, 2^{13}\})$	4398046511104
8	$\mathcal{O}(2; \{8^{12}, 4^{10}, 2^{10}\})$	17592186044416
8	$\mathcal{O}(2; \{8^{12}, 4^{12}, 2^7\})$	70368744177664
8	$\mathcal{O}(2; \{8^{12}, 4^{14}, 2^4\})$	281474976710656
8	$\mathcal{O}(2; \{8^{12}, 4^{16}, 2\})$	1125899906842624

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(2; \{8^{14}, 4, 2^{20}\})$	549755813888
8	$\mathcal{O}(2; \{8^{14}, 4^3, 2^{17}\})$	2199023255552
8	$\mathcal{O}(2; \{8^{14}, 4^5, 2^{14}\})$	8796093022208
8	$\mathcal{O}(2; \{8^{14}, 4^7, 2^{11}\})$	35184372088832
8	$\mathcal{O}(2; \{8^{14}, 4^9, 2^8\})$	140737488355328
8	$\mathcal{O}(2; \{8^{14}, 4^{11}, 2^5\})$	562949953421312
8	$\mathcal{O}(2; \{8^{14}, 4^{13}, 2^2\})$	2251799813685248
8	$\mathcal{O}(2; \{8^{16}, 2^{18}\})$	4398046511104
8	$\mathcal{O}(2; \{8^{16}, 4^2, 2^{15}\})$	17592186044416
8	$\mathcal{O}(2; \{8^{16}, 4^4, 2^{12}\})$	70368744177664
8	$\mathcal{O}(2; \{8^{16}, 4^6, 2^9\})$	281474976710656
8	$\mathcal{O}(2; \{8^{16}, 4^8, 2^6\})$	1125899906842624
8	$\mathcal{O}(2; \{8^{16}, 4^{10}, 2^3\})$	4503599627370496
8	$\mathcal{O}(2; \{8^{16}, 4^{12}\})$	18014398509481984
8	$\mathcal{O}(2; \{8^{18}, 4, 2^{13}\})$	140737488355328
8	$\mathcal{O}(2; \{8^{18}, 4^3, 2^{10}\})$	562949953421312
8	$\mathcal{O}(2; \{8^{18}, 4^5, 2^7\})$	2251799813685248
8	$\mathcal{O}(2; \{8^{18}, 4^7, 2^4\})$	9007199254740992
8	$\mathcal{O}(2; \{8^{18}, 4^9, 2\})$	36028797018963968
8	$\mathcal{O}(2; \{8^{20}, 2^{11}\})$	1125899906842624
8	$\mathcal{O}(2; \{8^{20}, 4^2, 2^8\})$	4503599627370496
8	$\mathcal{O}(2; \{8^{20}, 4^4, 2^5\})$	18014398509481984
8	$\mathcal{O}(2; \{8^{20}, 4^6, 2^2\})$	72057594037927936
8	$\mathcal{O}(2; \{8^{22}, 4, 2^6\})$	36028797018963968
8	$\mathcal{O}(2; \{8^{22}, 4^3, 2^3\})$	144115188075855872
8	$\mathcal{O}(2; \{8^{22}, 4^5\})$	576460752303423488
8	$\mathcal{O}(2; \{8^{24}, 2^4\})$	288230376151711744
8	$\mathcal{O}(2; \{8^{24}, 4^2, 2\})$	1152921504606846976
8	$\mathcal{O}(1; \{2^{50}\})$	48
8	$\mathcal{O}(1; \{4^2, 2^{47}\})$	96
8	$\mathcal{O}(1; \{4^4, 2^{44}\})$	384
8	$\mathcal{O}(1; \{4^6, 2^{41}\})$	1536
8	$\mathcal{O}(1; \{4^8, 2^{38}\})$	6144
8	$\mathcal{O}(1; \{4^{10}, 2^{35}\})$	24576
8	$\mathcal{O}(1; \{4^{12}, 2^{32}\})$	98304
8	$\mathcal{O}(1; \{4^{14}, 2^{29}\})$	393216
8	$\mathcal{O}(1; \{4^{16}, 2^{26}\})$	1572864
8	$\mathcal{O}(1; \{4^{18}, 2^{23}\})$	6291456
8	$\mathcal{O}(1; \{4^{20}, 2^{20}\})$	25165824
8	$\mathcal{O}(1; \{4^{22}, 2^{17}\})$	100663296
8	$\mathcal{O}(1; \{4^{24}, 2^{14}\})$	402653184
8	$\mathcal{O}(1; \{4^{26}, 2^{11}\})$	1610612736
8	$\mathcal{O}(1; \{4^{28}, 2^8\})$	6442450944

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{4^{30}, 2^5\})$	25769803776
8	$\mathcal{O}(1; \{4^{32}, 2^2\})$	103079215104
8	$\mathcal{O}(1; \{8^2, 4, 2^{45}\})$	512
8	$\mathcal{O}(1; \{8^2, 4^3, 2^{42}\})$	2048
8	$\mathcal{O}(1; \{8^2, 4^5, 2^{39}\})$	8192
8	$\mathcal{O}(1; \{8^2, 4^7, 2^{36}\})$	32768
8	$\mathcal{O}(1; \{8^2, 4^9, 2^{33}\})$	131072
8	$\mathcal{O}(1; \{8^2, 4^{11}, 2^{30}\})$	524288
8	$\mathcal{O}(1; \{8^2, 4^{13}, 2^{27}\})$	2097152
8	$\mathcal{O}(1; \{8^2, 4^{15}, 2^{24}\})$	8388608
8	$\mathcal{O}(1; \{8^2, 4^{17}, 2^{21}\})$	33554432
8	$\mathcal{O}(1; \{8^2, 4^{19}, 2^{18}\})$	134217728
8	$\mathcal{O}(1; \{8^2, 4^{21}, 2^{15}\})$	536870912
8	$\mathcal{O}(1; \{8^2, 4^{23}, 2^{12}\})$	2147483648
8	$\mathcal{O}(1; \{8^2, 4^{25}, 2^9\})$	8589934592
8	$\mathcal{O}(1; \{8^2, 4^{27}, 2^6\})$	34359738368
8	$\mathcal{O}(1; \{8^2, 4^{29}, 2^3\})$	137438953472
8	$\mathcal{O}(1; \{8^2, 4^{31}\})$	549755813888
8	$\mathcal{O}(1; \{8^4, 2^{43}\})$	4096
8	$\mathcal{O}(1; \{8^4, 4^2, 2^{40}\})$	16384
8	$\mathcal{O}(1; \{8^4, 4^4, 2^{37}\})$	65536
8	$\mathcal{O}(1; \{8^4, 4^6, 2^{34}\})$	262144
8	$\mathcal{O}(1; \{8^4, 4^8, 2^{31}\})$	1048576
8	$\mathcal{O}(1; \{8^4, 4^{10}, 2^{28}\})$	4194304
8	$\mathcal{O}(1; \{8^4, 4^{12}, 2^{25}\})$	16777216
8	$\mathcal{O}(1; \{8^4, 4^{14}, 2^{22}\})$	67108864
8	$\mathcal{O}(1; \{8^4, 4^{16}, 2^{19}\})$	268435456
8	$\mathcal{O}(1; \{8^4, 4^{18}, 2^{16}\})$	1073741824
8	$\mathcal{O}(1; \{8^4, 4^{20}, 2^{13}\})$	4294967296
8	$\mathcal{O}(1; \{8^4, 4^{22}, 2^{10}\})$	17179869184
8	$\mathcal{O}(1; \{8^4, 4^{24}, 2^7\})$	68719476736
8	$\mathcal{O}(1; \{8^4, 4^{26}, 2^4\})$	274877906944
8	$\mathcal{O}(1; \{8^4, 4^{28}, 2\})$	1099511627776
8	$\mathcal{O}(1; \{8^6, 4, 2^{38}\})$	131072
8	$\mathcal{O}(1; \{8^6, 4^3, 2^{35}\})$	524288
8	$\mathcal{O}(1; \{8^6, 4^5, 2^{32}\})$	2097152
8	$\mathcal{O}(1; \{8^6, 4^7, 2^{29}\})$	8388608
8	$\mathcal{O}(1; \{8^6, 4^9, 2^{26}\})$	33554432
8	$\mathcal{O}(1; \{8^6, 4^{11}, 2^{23}\})$	134217728
8	$\mathcal{O}(1; \{8^6, 4^{13}, 2^{20}\})$	536870912
8	$\mathcal{O}(1; \{8^6, 4^{15}, 2^{17}\})$	2147483648
8	$\mathcal{O}(1; \{8^6, 4^{17}, 2^{14}\})$	8589934592
8	$\mathcal{O}(1; \{8^6, 4^{19}, 2^{11}\})$	34359738368

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{8^6, 4^{21}, 2^8\})$	137438953472
8	$\mathcal{O}(1; \{8^6, 4^{23}, 2^5\})$	549755813888
8	$\mathcal{O}(1; \{8^6, 4^{25}, 2^2\})$	2199023255552
8	$\mathcal{O}(1; \{8^8, 2^{36}\})$	1048576
8	$\mathcal{O}(1; \{8^8, 4^2, 2^{33}\})$	4194304
8	$\mathcal{O}(1; \{8^8, 4^4, 2^{30}\})$	16777216
8	$\mathcal{O}(1; \{8^8, 4^6, 2^{27}\})$	67108864
8	$\mathcal{O}(1; \{8^8, 4^8, 2^{24}\})$	268435456
8	$\mathcal{O}(1; \{8^8, 4^{10}, 2^{21}\})$	1073741824
8	$\mathcal{O}(1; \{8^8, 4^{12}, 2^{18}\})$	4294967296
8	$\mathcal{O}(1; \{8^8, 4^{14}, 2^{15}\})$	17179869184
8	$\mathcal{O}(1; \{8^8, 4^{16}, 2^{12}\})$	68719476736
8	$\mathcal{O}(1; \{8^8, 4^{18}, 2^9\})$	274877906944
8	$\mathcal{O}(1; \{8^8, 4^{20}, 2^6\})$	1099511627776
8	$\mathcal{O}(1; \{8^8, 4^{22}, 2^3\})$	4398046511104
8	$\mathcal{O}(1; \{8^8, 4^{24}\})$	17592186044416
8	$\mathcal{O}(1; \{8^{10}, 4, 2^{31}\})$	33554432
8	$\mathcal{O}(1; \{8^{10}, 4^3, 2^{28}\})$	134217728
8	$\mathcal{O}(1; \{8^{10}, 4^5, 2^{25}\})$	536870912
8	$\mathcal{O}(1; \{8^{10}, 4^7, 2^{22}\})$	2147483648
8	$\mathcal{O}(1; \{8^{10}, 4^9, 2^{19}\})$	8589934592
8	$\mathcal{O}(1; \{8^{10}, 4^{11}, 2^{16}\})$	34359738368
8	$\mathcal{O}(1; \{8^{10}, 4^{13}, 2^{13}\})$	137438953472
8	$\mathcal{O}(1; \{8^{10}, 4^{15}, 2^{10}\})$	549755813888
8	$\mathcal{O}(1; \{8^{10}, 4^{17}, 2^7\})$	2199023255552
8	$\mathcal{O}(1; \{8^{10}, 4^{19}, 2^4\})$	8796093022208
8	$\mathcal{O}(1; \{8^{10}, 4^{21}, 2\})$	35184372088832
8	$\mathcal{O}(1; \{8^{12}, 2^{29}\})$	268435456
8	$\mathcal{O}(1; \{8^{12}, 4^2, 2^{26}\})$	1073741824
8	$\mathcal{O}(1; \{8^{12}, 4^4, 2^{23}\})$	4294967296
8	$\mathcal{O}(1; \{8^{12}, 4^6, 2^{20}\})$	17179869184
8	$\mathcal{O}(1; \{8^{12}, 4^8, 2^{17}\})$	68719476736
8	$\mathcal{O}(1; \{8^{12}, 4^{10}, 2^{14}\})$	274877906944
8	$\mathcal{O}(1; \{8^{12}, 4^{12}, 2^{11}\})$	1099511627776
8	$\mathcal{O}(1; \{8^{12}, 4^{14}, 2^8\})$	4398046511104
8	$\mathcal{O}(1; \{8^{12}, 4^{16}, 2^5\})$	17592186044416
8	$\mathcal{O}(1; \{8^{12}, 4^{18}, 2^2\})$	70368744177664
8	$\mathcal{O}(1; \{8^{14}, 4, 2^{24}\})$	8589934592
8	$\mathcal{O}(1; \{8^{14}, 4^3, 2^{21}\})$	34359738368
8	$\mathcal{O}(1; \{8^{14}, 4^5, 2^{18}\})$	137438953472
8	$\mathcal{O}(1; \{8^{14}, 4^7, 2^{15}\})$	549755813888
8	$\mathcal{O}(1; \{8^{14}, 4^9, 2^{12}\})$	2199023255552
8	$\mathcal{O}(1; \{8^{14}, 4^{11}, 2^9\})$	8796093022208

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(1; \{8^{14}, 4^{13}, 2^6\})$	35184372088832
8	$\mathcal{O}(1; \{8^{14}, 4^{15}, 2^3\})$	140737488355328
8	$\mathcal{O}(1; \{8^{14}, 4^{17}\})$	562949953421312
8	$\mathcal{O}(1; \{8^{16}, 2^{22}\})$	68719476736
8	$\mathcal{O}(1; \{8^{16}, 4^2, 2^{19}\})$	274877906944
8	$\mathcal{O}(1; \{8^{16}, 4^4, 2^{16}\})$	1099511627776
8	$\mathcal{O}(1; \{8^{16}, 4^6, 2^{13}\})$	4398046511104
8	$\mathcal{O}(1; \{8^{16}, 4^8, 2^{10}\})$	17592186044416
8	$\mathcal{O}(1; \{8^{16}, 4^{10}, 2^7\})$	70368744177664
8	$\mathcal{O}(1; \{8^{16}, 4^{12}, 2^4\})$	281474976710656
8	$\mathcal{O}(1; \{8^{16}, 4^{14}, 2\})$	1125899906842624
8	$\mathcal{O}(1; \{8^{18}, 4, 2^{17}\})$	2199023255552
8	$\mathcal{O}(1; \{8^{18}, 4^3, 2^{14}\})$	8796093022208
8	$\mathcal{O}(1; \{8^{18}, 4^5, 2^{11}\})$	35184372088832
8	$\mathcal{O}(1; \{8^{18}, 4^7, 2^8\})$	140737488355328
8	$\mathcal{O}(1; \{8^{18}, 4^9, 2^5\})$	562949953421312
8	$\mathcal{O}(1; \{8^{18}, 4^{11}, 2^2\})$	2251799813685248
8	$\mathcal{O}(1; \{8^{20}, 2^{15}\})$	17592186044416
8	$\mathcal{O}(1; \{8^{20}, 4^2, 2^{12}\})$	70368744177664
8	$\mathcal{O}(1; \{8^{20}, 4^4, 2^9\})$	281474976710656
8	$\mathcal{O}(1; \{8^{20}, 4^6, 2^6\})$	1125899906842624
8	$\mathcal{O}(1; \{8^{20}, 4^8, 2^3\})$	4503599627370496
8	$\mathcal{O}(1; \{8^{20}, 4^{10}\})$	18014398509481984
8	$\mathcal{O}(1; \{8^{22}, 4, 2^{10}\})$	562949953421312
8	$\mathcal{O}(1; \{8^{22}, 4^3, 2^7\})$	2251799813685248
8	$\mathcal{O}(1; \{8^{22}, 4^5, 2^4\})$	9007199254740992
8	$\mathcal{O}(1; \{8^{22}, 4^7, 2\})$	36028797018963968
8	$\mathcal{O}(1; \{8^{24}, 2^8\})$	4503599627370496
8	$\mathcal{O}(1; \{8^{24}, 4^2, 2^5\})$	18014398509481984
8	$\mathcal{O}(1; \{8^{24}, 4^4, 2^2\})$	72057594037927936
8	$\mathcal{O}(1; \{8^{26}, 4, 2^3\})$	144115188075855872
8	$\mathcal{O}(1; \{8^{26}, 4^3\})$	576460752303423488
8	$\mathcal{O}(1; \{8^{28}, 2\})$	1152921504606846976
8	$\mathcal{O}(0; \{8^2, 4, 2^{49}\})$	8
8	$\mathcal{O}(0; \{8^2, 4^3, 2^{46}\})$	32
8	$\mathcal{O}(0; \{8^2, 4^5, 2^{43}\})$	128
8	$\mathcal{O}(0; \{8^2, 4^7, 2^{40}\})$	512
8	$\mathcal{O}(0; \{8^2, 4^9, 2^{37}\})$	2048
8	$\mathcal{O}(0; \{8^2, 4^{11}, 2^{34}\})$	8192
8	$\mathcal{O}(0; \{8^2, 4^{13}, 2^{31}\})$	32768
8	$\mathcal{O}(0; \{8^2, 4^{15}, 2^{28}\})$	131072
8	$\mathcal{O}(0; \{8^2, 4^{17}, 2^{25}\})$	524288
8	$\mathcal{O}(0; \{8^2, 4^{19}, 2^{22}\})$	2097152

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{8^2, 4^{21}, 2^{19}\})$	8388608
8	$\mathcal{O}(0; \{8^2, 4^{23}, 2^{16}\})$	33554432
8	$\mathcal{O}(0; \{8^2, 4^{25}, 2^{13}\})$	134217728
8	$\mathcal{O}(0; \{8^2, 4^{27}, 2^{10}\})$	536870912
8	$\mathcal{O}(0; \{8^2, 4^{29}, 2^7\})$	2147483648
8	$\mathcal{O}(0; \{8^2, 4^{31}, 2^4\})$	8589934592
8	$\mathcal{O}(0; \{8^2, 4^{33}, 2\})$	34359738368
8	$\mathcal{O}(0; \{8^4, 2^{47}\})$	64
8	$\mathcal{O}(0; \{8^4, 4^2, 2^{44}\})$	256
8	$\mathcal{O}(0; \{8^4, 4^4, 2^{41}\})$	1024
8	$\mathcal{O}(0; \{8^4, 4^6, 2^{38}\})$	4096
8	$\mathcal{O}(0; \{8^4, 4^8, 2^{35}\})$	16384
8	$\mathcal{O}(0; \{8^4, 4^{10}, 2^{32}\})$	65536
8	$\mathcal{O}(0; \{8^4, 4^{12}, 2^{29}\})$	262144
8	$\mathcal{O}(0; \{8^4, 4^{14}, 2^{26}\})$	1048576
8	$\mathcal{O}(0; \{8^4, 4^{16}, 2^{23}\})$	4194304
8	$\mathcal{O}(0; \{8^4, 4^{18}, 2^{20}\})$	16777216
8	$\mathcal{O}(0; \{8^4, 4^{20}, 2^{17}\})$	67108864
8	$\mathcal{O}(0; \{8^4, 4^{22}, 2^{14}\})$	268435456
8	$\mathcal{O}(0; \{8^4, 4^{24}, 2^{11}\})$	1073741824
8	$\mathcal{O}(0; \{8^4, 4^{26}, 2^8\})$	4294967296
8	$\mathcal{O}(0; \{8^4, 4^{28}, 2^5\})$	17179869184
8	$\mathcal{O}(0; \{8^4, 4^{30}, 2^2\})$	68719476736
8	$\mathcal{O}(0; \{8^6, 4, 2^{42}\})$	2048
8	$\mathcal{O}(0; \{8^6, 4^3, 2^{39}\})$	8192
8	$\mathcal{O}(0; \{8^6, 4^5, 2^{36}\})$	32768
8	$\mathcal{O}(0; \{8^6, 4^7, 2^{33}\})$	131072
8	$\mathcal{O}(0; \{8^6, 4^9, 2^{30}\})$	524288
8	$\mathcal{O}(0; \{8^6, 4^{11}, 2^{27}\})$	2097152
8	$\mathcal{O}(0; \{8^6, 4^{13}, 2^{24}\})$	8388608
8	$\mathcal{O}(0; \{8^6, 4^{15}, 2^{21}\})$	33554432
8	$\mathcal{O}(0; \{8^6, 4^{17}, 2^{18}\})$	134217728
8	$\mathcal{O}(0; \{8^6, 4^{19}, 2^{15}\})$	536870912
8	$\mathcal{O}(0; \{8^6, 4^{21}, 2^{12}\})$	2147483648
8	$\mathcal{O}(0; \{8^6, 4^{23}, 2^9\})$	8589934592
8	$\mathcal{O}(0; \{8^6, 4^{25}, 2^6\})$	34359738368
8	$\mathcal{O}(0; \{8^6, 4^{27}, 2^3\})$	137438953472
8	$\mathcal{O}(0; \{8^6, 4^{29}\})$	549755813888
8	$\mathcal{O}(0; \{8^8, 2^{40}\})$	16384
8	$\mathcal{O}(0; \{8^8, 4^2, 2^{37}\})$	65536
8	$\mathcal{O}(0; \{8^8, 4^4, 2^{34}\})$	262144
8	$\mathcal{O}(0; \{8^8, 4^6, 2^{31}\})$	1048576
8	$\mathcal{O}(0; \{8^8, 4^8, 2^{28}\})$	4194304

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{8^8, 4^{10}, 2^{25}\})$	16777216
8	$\mathcal{O}(0; \{8^8, 4^{12}, 2^{22}\})$	67108864
8	$\mathcal{O}(0; \{8^8, 4^{14}, 2^{19}\})$	268435456
8	$\mathcal{O}(0; \{8^8, 4^{16}, 2^{16}\})$	1073741824
8	$\mathcal{O}(0; \{8^8, 4^{18}, 2^{13}\})$	4294967296
8	$\mathcal{O}(0; \{8^8, 4^{20}, 2^{10}\})$	17179869184
8	$\mathcal{O}(0; \{8^8, 4^{22}, 2^7\})$	68719476736
8	$\mathcal{O}(0; \{8^8, 4^{24}, 2^4\})$	274877906944
8	$\mathcal{O}(0; \{8^8, 4^{26}, 2\})$	1099511627776
8	$\mathcal{O}(0; \{8^{10}, 4, 2^{35}\})$	524288
8	$\mathcal{O}(0; \{8^{10}, 4^3, 2^{32}\})$	2097152
8	$\mathcal{O}(0; \{8^{10}, 4^5, 2^{29}\})$	8388608
8	$\mathcal{O}(0; \{8^{10}, 4^7, 2^{26}\})$	33554432
8	$\mathcal{O}(0; \{8^{10}, 4^9, 2^{23}\})$	134217728
8	$\mathcal{O}(0; \{8^{10}, 4^{11}, 2^{20}\})$	536870912
8	$\mathcal{O}(0; \{8^{10}, 4^{13}, 2^{17}\})$	2147483648
8	$\mathcal{O}(0; \{8^{10}, 4^{15}, 2^{14}\})$	8589934592
8	$\mathcal{O}(0; \{8^{10}, 4^{17}, 2^{11}\})$	34359738368
8	$\mathcal{O}(0; \{8^{10}, 4^{19}, 2^8\})$	137438953472
8	$\mathcal{O}(0; \{8^{10}, 4^{21}, 2^5\})$	549755813888
8	$\mathcal{O}(0; \{8^{10}, 4^{23}, 2^2\})$	2199023255552
8	$\mathcal{O}(0; \{8^{12}, 2^{33}\})$	4194304
8	$\mathcal{O}(0; \{8^{12}, 4^2, 2^{30}\})$	16777216
8	$\mathcal{O}(0; \{8^{12}, 4^4, 2^{27}\})$	67108864
8	$\mathcal{O}(0; \{8^{12}, 4^6, 2^{24}\})$	268435456
8	$\mathcal{O}(0; \{8^{12}, 4^8, 2^{21}\})$	1073741824
8	$\mathcal{O}(0; \{8^{12}, 4^{10}, 2^{18}\})$	4294967296
8	$\mathcal{O}(0; \{8^{12}, 4^{12}, 2^{15}\})$	17179869184
8	$\mathcal{O}(0; \{8^{12}, 4^{14}, 2^{12}\})$	68719476736
8	$\mathcal{O}(0; \{8^{12}, 4^{16}, 2^9\})$	274877906944
8	$\mathcal{O}(0; \{8^{12}, 4^{18}, 2^6\})$	1099511627776
8	$\mathcal{O}(0; \{8^{12}, 4^{20}, 2^3\})$	4398046511104
8	$\mathcal{O}(0; \{8^{12}, 4^{22}\})$	17592186044416
8	$\mathcal{O}(0; \{8^{14}, 4, 2^{28}\})$	134217728
8	$\mathcal{O}(0; \{8^{14}, 4^3, 2^{25}\})$	536870912
8	$\mathcal{O}(0; \{8^{14}, 4^5, 2^{22}\})$	2147483648
8	$\mathcal{O}(0; \{8^{14}, 4^7, 2^{19}\})$	8589934592
8	$\mathcal{O}(0; \{8^{14}, 4^9, 2^{16}\})$	34359738368
8	$\mathcal{O}(0; \{8^{14}, 4^{11}, 2^{13}\})$	137438953472
8	$\mathcal{O}(0; \{8^{14}, 4^{13}, 2^{10}\})$	549755813888
8	$\mathcal{O}(0; \{8^{14}, 4^{15}, 2^7\})$	2199023255552
8	$\mathcal{O}(0; \{8^{14}, 4^{17}, 2^4\})$	8796093022208
8	$\mathcal{O}(0; \{8^{14}, 4^{19}, 2\})$	35184372088832

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
8	$\mathcal{O}(0; \{8^{16}, 2^{26}\})$	1073741824
8	$\mathcal{O}(0; \{8^{16}, 4^2, 2^{23}\})$	4294967296
8	$\mathcal{O}(0; \{8^{16}, 4^4, 2^{20}\})$	17179869184
8	$\mathcal{O}(0; \{8^{16}, 4^6, 2^{17}\})$	68719476736
8	$\mathcal{O}(0; \{8^{16}, 4^8, 2^{14}\})$	274877906944
8	$\mathcal{O}(0; \{8^{16}, 4^{10}, 2^{11}\})$	1099511627776
8	$\mathcal{O}(0; \{8^{16}, 4^{12}, 2^8\})$	4398046511104
8	$\mathcal{O}(0; \{8^{16}, 4^{14}, 2^5\})$	17592186044416
8	$\mathcal{O}(0; \{8^{16}, 4^{16}, 2^2\})$	70368744177664
8	$\mathcal{O}(0; \{8^{18}, 4, 2^{21}\})$	34359738368
8	$\mathcal{O}(0; \{8^{18}, 4^3, 2^{18}\})$	137438953472
8	$\mathcal{O}(0; \{8^{18}, 4^5, 2^{15}\})$	549755813888
8	$\mathcal{O}(0; \{8^{18}, 4^7, 2^{12}\})$	2199023255552
8	$\mathcal{O}(0; \{8^{18}, 4^9, 2^9\})$	8796093022208
8	$\mathcal{O}(0; \{8^{18}, 4^{11}, 2^6\})$	35184372088832
8	$\mathcal{O}(0; \{8^{18}, 4^{13}, 2^3\})$	140737488355328
8	$\mathcal{O}(0; \{8^{18}, 4^{15}\})$	562949953421312
8	$\mathcal{O}(0; \{8^{20}, 2^{19}\})$	274877906944
8	$\mathcal{O}(0; \{8^{20}, 4^2, 2^{16}\})$	1099511627776
8	$\mathcal{O}(0; \{8^{20}, 4^4, 2^{13}\})$	4398046511104
8	$\mathcal{O}(0; \{8^{20}, 4^6, 2^{10}\})$	17592186044416
8	$\mathcal{O}(0; \{8^{20}, 4^8, 2^7\})$	70368744177664
8	$\mathcal{O}(0; \{8^{20}, 4^{10}, 2^4\})$	281474976710656
8	$\mathcal{O}(0; \{8^{20}, 4^{12}, 2\})$	1125899906842624
8	$\mathcal{O}(0; \{8^{22}, 4, 2^{14}\})$	8796093022208
8	$\mathcal{O}(0; \{8^{22}, 4^3, 2^{11}\})$	35184372088832
8	$\mathcal{O}(0; \{8^{22}, 4^5, 2^8\})$	140737488355328
8	$\mathcal{O}(0; \{8^{22}, 4^7, 2^5\})$	562949953421312
8	$\mathcal{O}(0; \{8^{22}, 4^9, 2^2\})$	2251799813685248
8	$\mathcal{O}(0; \{8^{24}, 2^{12}\})$	70368744177664
8	$\mathcal{O}(0; \{8^{24}, 4^2, 2^9\})$	281474976710656
8	$\mathcal{O}(0; \{8^{24}, 4^4, 2^6\})$	1125899906842624
8	$\mathcal{O}(0; \{8^{24}, 4^6, 2^3\})$	4503599627370496
8	$\mathcal{O}(0; \{8^{24}, 4^8\})$	18014398509481984
8	$\mathcal{O}(0; \{8^{26}, 4, 2^7\})$	2251799813685248
8	$\mathcal{O}(0; \{8^{26}, 4^3, 2^4\})$	9007199254740992
8	$\mathcal{O}(0; \{8^{26}, 4^5, 2\})$	36028797018963968
8	$\mathcal{O}(0; \{8^{28}, 2^5\})$	18014398509481984
8	$\mathcal{O}(0; \{8^{28}, 4^2, 2^2\})$	72057594037927936
8	$\mathcal{O}(0; \{8^{30}, 4\})$	576460752303423488
9	$\mathcal{O}(10; \{9^4, 3\})$	3939083608734444931524
9	$\mathcal{O}(9; \{9^4, 3^4\})$	389045294689821721632
9	$\mathcal{O}(9; \{9^7\})$	4595597543523519086778

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
9	$\mathcal{O}(8; \{9^4, 3^7\})$	38424226636031774976
9	$\mathcal{O}(8; \{9^7, 3^3\})$	453886177138125341904
9	$\mathcal{O}(7; \{9^4, 3^{10}\})$	3794985346768570368
9	$\mathcal{O}(7; \{9^7, 3^6\})$	44828264408703737472
9	$\mathcal{O}(7; \{9^{10}, 3^2\})$	615988383258884392584
9	$\mathcal{O}(6; \{9^4, 3^{13}\})$	374813367582081024
9	$\mathcal{O}(6; \{9^7, 3^9\})$	4427482904563332096
9	$\mathcal{O}(6; \{9^{10}, 3^5\})$	60838358840383643712
9	$\mathcal{O}(6; \{9^{13}, 3\})$	819516708721615200660
9	$\mathcal{O}(5; \{9^4, 3^{16}\})$	37018604205637632
9	$\mathcal{O}(5; \{9^7, 3^{12}\})$	437282262179094528
9	$\mathcal{O}(5; \{9^{10}, 3^8\})$	6008726799050236416
9	$\mathcal{O}(5; \{9^{13}, 3^4\})$	80939921849048414880
9	$\mathcal{O}(5; \{9^{16}\})$	1092989134232747599122
9	$\mathcal{O}(4; \{9^4, 3^{19}\})$	3656158440062976
9	$\mathcal{O}(4; \{9^7, 3^{15}\})$	43188371573243904
9	$\mathcal{O}(4; \{9^{10}, 3^{11}\})$	593454498671628288
9	$\mathcal{O}(4; \{9^{13}, 3^7\})$	7994066355461571840
9	$\mathcal{O}(4; \{9^{16}, 3^3\})$	107949544121752849296
9	$\mathcal{O}(3; \{9^4, 3^{22}\})$	361102068154368
9	$\mathcal{O}(3; \{9^7, 3^{18}\})$	4265518180073472
9	$\mathcal{O}(3; \{9^{10}, 3^{14}\})$	58612789992259584
9	$\mathcal{O}(3; \{9^{13}, 3^{10}\})$	789537417823365120
9	$\mathcal{O}(3; \{9^{16}, 3^6\})$	10661683370049664128
9	$\mathcal{O}(3; \{9^{19}, 3^2\})$	143927784108500194152
9	$\mathcal{O}(2; \{9^4, 3^{25}\})$	35664401793024
9	$\mathcal{O}(2; \{9^7, 3^{21}\})$	421285746180096
9	$\mathcal{O}(2; \{9^{10}, 3^{17}\})$	5788917530099712
9	$\mathcal{O}(2; \{9^{13}, 3^{13}\})$	77979004229468160
9	$\mathcal{O}(2; \{9^{16}, 3^9\})$	1053005764943176704
9	$\mathcal{O}(2; \{9^{19}, 3^5\})$	14215089788493846336
9	$\mathcal{O}(2; \{9^{22}, 3\})$	191904535709195304132
9	$\mathcal{O}(1; \{9^4, 3^{28}\})$	3522410053632
9	$\mathcal{O}(1; \{9^7, 3^{24}\})$	41608468758528
9	$\mathcal{O}(1; \{9^{10}, 3^{20}\})$	571744941244416
9	$\mathcal{O}(1; \{9^{13}, 3^{16}\})$	7701630047354880
9	$\mathcal{O}(1; \{9^{16}, 3^{12}\})$	104000569377103872
9	$\mathcal{O}(1; \{9^{19}, 3^8\})$	1403959485283342848
9	$\mathcal{O}(1; \{9^{22}, 3^4\})$	18953534391031634976
9	$\mathcal{O}(1; \{9^{25}\})$	255872577018172342410
9	$\mathcal{O}(0; \{9^4, 3^{31}\})$	347892350976
9	$\mathcal{O}(0; \{9^7, 3^{27}\})$	4109478395904
9	$\mathcal{O}(0; \{9^{10}, 3^{23}\})$	56468636172288

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
9	$\mathcal{O}(0; \{9^{13}, 3^{19}\})$	760654819491840
9	$\mathcal{O}(0; \{9^{16}, 3^{15}\})$	10271661173047296
9	$\mathcal{O}(0; \{9^{19}, 3^{11}\})$	138662665213169664
9	$\mathcal{O}(0; \{9^{22}, 3^7\})$	1871954013929050368
9	$\mathcal{O}(0; \{9^{25}, 3^3\})$	25271365631424428880
10	$\mathcal{O}(11; \emptyset)$	9999997615814204790072
10	$\mathcal{O}(10; \{2^4\})$	9999999999998951424
10	$\mathcal{O}(9; \{2^8\})$	99999999999737856
10	$\mathcal{O}(9; \{5^5\})$	203999221801757812500
10	$\mathcal{O}(9; \{10, 5^2, 2^3\})$	1200000000000000000
10	$\mathcal{O}(9; \{10^3, 5, 2\})$	5200000000000000000
10	$\mathcal{O}(8; \{2^{12}\})$	999999999934464
10	$\mathcal{O}(8; \{5^5, 2^4\})$	2040000000000000000
10	$\mathcal{O}(8; \{10, 5^2, 2^7\})$	1200000000000000000
10	$\mathcal{O}(8; \{10^2, 5^4, 2^2\})$	8200000000000000000
10	$\mathcal{O}(8; \{10^3, 5, 2^5\})$	5200000000000000000
10	$\mathcal{O}(8; \{10^4, 5^3\})$	3276000000000000000
10	$\mathcal{O}(8; \{10^5, 2^3\})$	2040000000000000000
10	$\mathcal{O}(7; \{2^{16}\})$	9999999983616
10	$\mathcal{O}(7; \{5^5, 2^8\})$	2040000000000000000
10	$\mathcal{O}(7; \{5^{10}\})$	20970319995117187500
10	$\mathcal{O}(7; \{10, 5^2, 2^{11}\})$	1200000000000000000
10	$\mathcal{O}(7; \{10, 5^7, 2^3\})$	1310800000000000000
10	$\mathcal{O}(7; \{10^2, 5^4, 2^6\})$	8200000000000000000
10	$\mathcal{O}(7; \{10^3, 5, 2^9\})$	5200000000000000000
10	$\mathcal{O}(7; \{10^3, 5^6, 2\})$	5242800000000000000
10	$\mathcal{O}(7; \{10^4, 5^3, 2^4\})$	3276000000000000000
10	$\mathcal{O}(7; \{10^5, 2^7\})$	2040000000000000000
10	$\mathcal{O}(7; \{10^6, 5^2, 2^2\})$	1310800000000000000
10	$\mathcal{O}(7; \{10^8, 5\})$	5242800000000000000
10	$\mathcal{O}(6; \{2^{20}\})$	99999995904
10	$\mathcal{O}(6; \{5^5, 2^{12}\})$	2040000000000000000
10	$\mathcal{O}(6; \{5^{10}, 2^4\})$	2097160000000000000
10	$\mathcal{O}(6; \{10, 5^2, 2^{15}\})$	1200000000000000000
10	$\mathcal{O}(6; \{10, 5^7, 2^7\})$	1310800000000000000
10	$\mathcal{O}(6; \{10^2, 5^4, 2^{10}\})$	8200000000000000000
10	$\mathcal{O}(6; \{10^2, 5^9, 2^2\})$	8388600000000000000
10	$\mathcal{O}(6; \{10^3, 5, 2^{13}\})$	5200000000000000000
10	$\mathcal{O}(6; \{10^3, 5^6, 2^5\})$	5242800000000000000
10	$\mathcal{O}(6; \{10^4, 5^3, 2^8\})$	3276000000000000000
10	$\mathcal{O}(6; \{10^4, 5^8\})$	3355444000000000000
10	$\mathcal{O}(6; \{10^5, 2^{11}\})$	2040000000000000000
10	$\mathcal{O}(6; \{10^5, 5^5, 2^3\})$	2097160000000000000

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(6; \{10^6, 5^2, 2^6\})$	1310800000000000
10	$\mathcal{O}(6; \{10^7, 5^4, 2\})$	8388600000000000
10	$\mathcal{O}(6; \{10^8, 5, 2^4\})$	5242800000000000
10	$\mathcal{O}(6; \{10^{10}, 2^2\})$	2097160000000000
10	$\mathcal{O}(5; \{2^{24}\})$	9999998976
10	$\mathcal{O}(5; \{5^5, 2^{16}\})$	204000000000
10	$\mathcal{O}(5; \{5^{10}, 2^8\})$	2097160000000000
10	$\mathcal{O}(5; \{5^{15}\})$	2145386488007812500
10	$\mathcal{O}(5; \{10, 5^2, 2^{19}\})$	120000000000
10	$\mathcal{O}(5; \{10, 5^7, 2^{11}\})$	1310800000000000
10	$\mathcal{O}(5; \{10, 5^{12}, 2^3\})$	134217720000000000
10	$\mathcal{O}(5; \{10^2, 5^4, 2^{14}\})$	820000000000
10	$\mathcal{O}(5; \{10^2, 5^9, 2^6\})$	8388600000000000
10	$\mathcal{O}(5; \{10^3, 5, 2^{17}\})$	520000000000
10	$\mathcal{O}(5; \{10^3, 5^6, 2^9\})$	5242800000000000
10	$\mathcal{O}(5; \{10^3, 5^{11}, 2\})$	536870920000000000
10	$\mathcal{O}(5; \{10^4, 5^3, 2^{12}\})$	32760000000000
10	$\mathcal{O}(5; \{10^4, 5^8, 2^4\})$	335544400000000000
10	$\mathcal{O}(5; \{10^5, 2^{15}\})$	204000000000
10	$\mathcal{O}(5; \{10^5, 5^5, 2^7\})$	2097160000000000
10	$\mathcal{O}(5; \{10^6, 5^2, 2^{10}\})$	1310800000000000
10	$\mathcal{O}(5; \{10^6, 5^7, 2^2\})$	134217720000000000
10	$\mathcal{O}(5; \{10^7, 5^4, 2^5\})$	8388600000000000
10	$\mathcal{O}(5; \{10^8, 5, 2^8\})$	5242800000000000
10	$\mathcal{O}(5; \{10^8, 5^6\})$	536870920000000000
10	$\mathcal{O}(5; \{10^9, 5^3, 2^3\})$	335544400000000000
10	$\mathcal{O}(5; \{10^{10}, 2^6\})$	2097160000000000
10	$\mathcal{O}(5; \{10^{11}, 5^2, 2\})$	134217720000000000
10	$\mathcal{O}(4; \{2^{28}\})$	99999744
10	$\mathcal{O}(4; \{5^5, 2^{20}\})$	204000000000
10	$\mathcal{O}(4; \{5^{10}, 2^{12}\})$	20971600000000
10	$\mathcal{O}(4; \{5^{15}, 2^4\})$	214748364000000000
10	$\mathcal{O}(4; \{10, 5^2, 2^{23}\})$	1200000000
10	$\mathcal{O}(4; \{10, 5^7, 2^{15}\})$	13108000000000
10	$\mathcal{O}(4; \{10, 5^{12}, 2^7\})$	134217720000000000
10	$\mathcal{O}(4; \{10^2, 5^4, 2^{18}\})$	820000000000
10	$\mathcal{O}(4; \{10^2, 5^9, 2^{10}\})$	8388600000000000
10	$\mathcal{O}(4; \{10^2, 5^{14}, 2^2\})$	858993460000000000
10	$\mathcal{O}(4; \{10^3, 5, 2^{21}\})$	5200000000
10	$\mathcal{O}(4; \{10^3, 5^6, 2^{13}\})$	52428000000000
10	$\mathcal{O}(4; \{10^3, 5^{11}, 2^5\})$	536870920000000000
10	$\mathcal{O}(4; \{10^4, 5^3, 2^{16}\})$	327600000000
10	$\mathcal{O}(4; \{10^4, 5^8, 2^8\})$	3355444000000000

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(4; \{10^4, 5^{13}\})$	343597383600000000
10	$\mathcal{O}(4; \{10^5, 2^{19}\})$	20400000000
10	$\mathcal{O}(4; \{10^5, 5^5, 2^{11}\})$	20971600000000
10	$\mathcal{O}(4; \{10^5, 5^{10}, 2^3\})$	214748364000000000
10	$\mathcal{O}(4; \{10^6, 5^2, 2^{14}\})$	13108000000000
10	$\mathcal{O}(4; \{10^6, 5^7, 2^6\})$	134217720000000000
10	$\mathcal{O}(4; \{10^7, 5^4, 2^9\})$	8388600000000000
10	$\mathcal{O}(4; \{10^7, 5^9, 2\})$	858993460000000000
10	$\mathcal{O}(4; \{10^8, 5, 2^{12}\})$	5242800000000000
10	$\mathcal{O}(4; \{10^8, 5^6, 2^4\})$	536870920000000000
10	$\mathcal{O}(4; \{10^9, 5^3, 2^7\})$	335544400000000000
10	$\mathcal{O}(4; \{10^{10}, 2^{10}\})$	209716000000000000
10	$\mathcal{O}(4; \{10^{10}, 5^5, 2^2\})$	21474836400000000000
10	$\mathcal{O}(4; \{10^{11}, 5^2, 2^5\})$	13421772000000000000
10	$\mathcal{O}(4; \{10^{12}, 5^4\})$	85899346000000000000
10	$\mathcal{O}(4; \{10^{13}, 5, 2^3\})$	53687092000000000000
10	$\mathcal{O}(4; \{10^{15}, 2\})$	21474836400000000000
10	$\mathcal{O}(3; \{2^{32}\})$	999936
10	$\mathcal{O}(3; \{5^5, 2^{24}\})$	2040000000
10	$\mathcal{O}(3; \{5^{10}, 2^{16}\})$	20971600000000
10	$\mathcal{O}(3; \{5^{15}, 2^8\})$	214748364000000000
10	$\mathcal{O}(3; \{5^{20}\})$	216466351719187500
10	$\mathcal{O}(3; \{10, 5^2, 2^{27}\})$	12000000
10	$\mathcal{O}(3; \{10, 5^7, 2^{19}\})$	131080000000
10	$\mathcal{O}(3; \{10, 5^{12}, 2^{11}\})$	134217720000000000
10	$\mathcal{O}(3; \{10, 5^{17}, 2^3\})$	13743895348000000000
10	$\mathcal{O}(3; \{10^2, 5^4, 2^{22}\})$	8200000000
10	$\mathcal{O}(3; \{10^2, 5^9, 2^{14}\})$	8388600000000000
10	$\mathcal{O}(3; \{10^2, 5^{14}, 2^6\})$	85899346000000000000
10	$\mathcal{O}(3; \{10^3, 5, 2^{25}\})$	5200000000
10	$\mathcal{O}(3; \{10^3, 5^6, 2^{17}\})$	52428000000000
10	$\mathcal{O}(3; \{10^3, 5^{11}, 2^9\})$	536870920000000000
10	$\mathcal{O}(3; \{10^3, 5^{16}, 2\})$	54975581388000000000
10	$\mathcal{O}(3; \{10^4, 5^3, 2^{20}\})$	327600000000
10	$\mathcal{O}(3; \{10^4, 5^8, 2^{12}\})$	335544400000000000
10	$\mathcal{O}(3; \{10^4, 5^{13}, 2^4\})$	34359738360000000000
10	$\mathcal{O}(3; \{10^5, 2^{23}\})$	204000000000
10	$\mathcal{O}(3; \{10^5, 5^5, 2^{15}\})$	209716000000000000
10	$\mathcal{O}(3; \{10^5, 5^{10}, 2^7\})$	21474836400000000000
10	$\mathcal{O}(3; \{10^6, 5^2, 2^{18}\})$	13108000000000000000
10	$\mathcal{O}(3; \{10^6, 5^7, 2^{10}\})$	13421772000000000000
10	$\mathcal{O}(3; \{10^6, 5^{12}, 2^2\})$	1374389534800000000000
10	$\mathcal{O}(3; \{10^7, 5^4, 2^{13}\})$	83886000000000000000

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(3; \{10^7, 5^9, 2^5\})$	858993460000000
10	$\mathcal{O}(3; \{10^8, 5, 2^{16}\})$	52428000000
10	$\mathcal{O}(3; \{10^8, 5^6, 2^8\})$	53687092000000
10	$\mathcal{O}(3; \{10^8, 5^{11}\})$	54975581388000000
10	$\mathcal{O}(3; \{10^9, 5^3, 2^{11}\})$	3355444000000
10	$\mathcal{O}(3; \{10^9, 5^8, 2^3\})$	3435973836000000
10	$\mathcal{O}(3; \{10^{10}, 2^{14}\})$	209716000000
10	$\mathcal{O}(3; \{10^{10}, 5^5, 2^6\})$	214748364000000
10	$\mathcal{O}(3; \{10^{11}, 5^2, 2^9\})$	13421772000000
10	$\mathcal{O}(3; \{10^{11}, 5^7, 2\})$	13743895348000000
10	$\mathcal{O}(3; \{10^{12}, 5^4, 2^4\})$	858993460000000
10	$\mathcal{O}(3; \{10^{13}, 5, 2^7\})$	53687092000000
10	$\mathcal{O}(3; \{10^{14}, 5^3, 2^2\})$	3435973836000000
10	$\mathcal{O}(3; \{10^{15}, 2^5\})$	214748364000000
10	$\mathcal{O}(3; \{10^{16}, 5^2\})$	13743895348000000
10	$\mathcal{O}(2; \{2^{36}\})$	9984
10	$\mathcal{O}(2; \{5^5, 2^{28}\})$	2040000
10	$\mathcal{O}(2; \{5^{10}, 2^{20}\})$	2097160000
10	$\mathcal{O}(2; \{5^{15}, 2^{12}\})$	2147483640000
10	$\mathcal{O}(2; \{5^{20}, 2^4\})$	2199023255560000
10	$\mathcal{O}(2; \{10, 5^2, 2^{31}\})$	120000
10	$\mathcal{O}(2; \{10, 5^7, 2^{23}\})$	131080000
10	$\mathcal{O}(2; \{10, 5^{12}, 2^{15}\})$	134217720000
10	$\mathcal{O}(2; \{10, 5^{17}, 2^7\})$	137438953480000
10	$\mathcal{O}(2; \{10^2, 5^4, 2^{26}\})$	8200000
10	$\mathcal{O}(2; \{10^2, 5^9, 2^{18}\})$	8388600000
10	$\mathcal{O}(2; \{10^2, 5^{14}, 2^{10}\})$	85899346000000
10	$\mathcal{O}(2; \{10^2, 5^{19}, 2^2\})$	8796093022200000
10	$\mathcal{O}(2; \{10^3, 5, 2^{29}\})$	520000
10	$\mathcal{O}(2; \{10^3, 5^6, 2^{21}\})$	524280000
10	$\mathcal{O}(2; \{10^3, 5^{11}, 2^{13}\})$	536870920000
10	$\mathcal{O}(2; \{10^3, 5^{16}, 2^5\})$	549755813880000
10	$\mathcal{O}(2; \{10^4, 5^3, 2^{24}\})$	32760000
10	$\mathcal{O}(2; \{10^4, 5^8, 2^{16}\})$	33554440000
10	$\mathcal{O}(2; \{10^4, 5^{13}, 2^8\})$	34359738360000
10	$\mathcal{O}(2; \{10^4, 5^{18}\})$	35184372088840000
10	$\mathcal{O}(2; \{10^5, 2^{27}\})$	2040000
10	$\mathcal{O}(2; \{10^5, 5^5, 2^{19}\})$	2097160000
10	$\mathcal{O}(2; \{10^5, 5^{10}, 2^{11}\})$	2147483640000
10	$\mathcal{O}(2; \{10^5, 5^{15}, 2^3\})$	2199023255560000
10	$\mathcal{O}(2; \{10^6, 5^2, 2^{22}\})$	131080000
10	$\mathcal{O}(2; \{10^6, 5^7, 2^{14}\})$	134217720000
10	$\mathcal{O}(2; \{10^6, 5^{12}, 2^6\})$	137438953480000

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(2; \{10^7, 5^4, 2^{17}\})$	8388600000
10	$\mathcal{O}(2; \{10^7, 5^9, 2^9\})$	858993460000
10	$\mathcal{O}(2; \{10^7, 5^{14}, 2\})$	879609302220000
10	$\mathcal{O}(2; \{10^8, 5, 2^{20}\})$	524280000
10	$\mathcal{O}(2; \{10^8, 5^6, 2^{12}\})$	536870920000
10	$\mathcal{O}(2; \{10^8, 5^{11}, 2^4\})$	549755813880000
10	$\mathcal{O}(2; \{10^9, 5^3, 2^{15}\})$	33554440000
10	$\mathcal{O}(2; \{10^9, 5^8, 2^7\})$	34359738360000
10	$\mathcal{O}(2; \{10^{10}, 2^{18}\})$	2097160000
10	$\mathcal{O}(2; \{10^{10}, 5^5, 2^{10}\})$	2147483640000
10	$\mathcal{O}(2; \{10^{10}, 5^{10}, 2^2\})$	2199023255560000
10	$\mathcal{O}(2; \{10^{11}, 5^2, 2^{13}\})$	134217720000
10	$\mathcal{O}(2; \{10^{11}, 5^7, 2^5\})$	137438953480000
10	$\mathcal{O}(2; \{10^{12}, 5^4, 2^8\})$	858993460000
10	$\mathcal{O}(2; \{10^{12}, 5^9\})$	879609302220000
10	$\mathcal{O}(2; \{10^{13}, 5, 2^{11}\})$	536870920000
10	$\mathcal{O}(2; \{10^{13}, 5^6, 2^3\})$	549755813880000
10	$\mathcal{O}(2; \{10^{14}, 5^3, 2^6\})$	34359738360000
10	$\mathcal{O}(2; \{10^{15}, 2^9\})$	2147483640000
10	$\mathcal{O}(2; \{10^{15}, 5^5, 2\})$	2199023255560000
10	$\mathcal{O}(2; \{10^{16}, 5^2, 2^4\})$	137438953480000
10	$\mathcal{O}(2; \{10^{18}, 5, 2^2\})$	549755813880000
10	$\mathcal{O}(2; \{10^{20}\})$	2199023255560000
10	$\mathcal{O}(1; \{2^{40}\})$	96
10	$\mathcal{O}(1; \{5^5, 2^{32}\})$	20400
10	$\mathcal{O}(1; \{5^{10}, 2^{24}\})$	20971600
10	$\mathcal{O}(1; \{5^{15}, 2^{16}\})$	21474836400
10	$\mathcal{O}(1; \{5^{20}, 2^8\})$	21990232555600
10	$\mathcal{O}(1; \{5^{25}\})$	16888498602639300
10	$\mathcal{O}(1; \{10, 5^2, 2^{35}\})$	1200
10	$\mathcal{O}(1; \{10, 5^7, 2^{27}\})$	1310800
10	$\mathcal{O}(1; \{10, 5^{12}, 2^{19}\})$	1342177200
10	$\mathcal{O}(1; \{10, 5^{17}, 2^{11}\})$	1374389534800
10	$\mathcal{O}(1; \{10, 5^{22}, 2^3\})$	1407374883553200
10	$\mathcal{O}(1; \{10^2, 5^4, 2^{30}\})$	82000
10	$\mathcal{O}(1; \{10^2, 5^9, 2^{22}\})$	83886000
10	$\mathcal{O}(1; \{10^2, 5^{14}, 2^{14}\})$	85899346000
10	$\mathcal{O}(1; \{10^2, 5^{19}, 2^6\})$	87960930222000
10	$\mathcal{O}(1; \{10^3, 5, 2^{33}\})$	5200
10	$\mathcal{O}(1; \{10^3, 5^6, 2^{25}\})$	5242800
10	$\mathcal{O}(1; \{10^3, 5^{11}, 2^{17}\})$	5368709200
10	$\mathcal{O}(1; \{10^3, 5^{16}, 2^9\})$	5497558138800
10	$\mathcal{O}(1; \{10^3, 5^{21}, 2\})$	5629499534213200

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(1; \{10^4, 5^3, 2^{28}\})$	327600
10	$\mathcal{O}(1; \{10^4, 5^8, 2^{20}\})$	335544400
10	$\mathcal{O}(1; \{10^4, 5^{13}, 2^{12}\})$	343597383600
10	$\mathcal{O}(1; \{10^4, 5^{18}, 2^4\})$	351843720888400
10	$\mathcal{O}(1; \{10^5, 2^{31}\})$	20400
10	$\mathcal{O}(1; \{10^5, 5^5, 2^{23}\})$	20971600
10	$\mathcal{O}(1; \{10^5, 5^{10}, 2^{15}\})$	21474836400
10	$\mathcal{O}(1; \{10^5, 5^{15}, 2^7\})$	21990232555600
10	$\mathcal{O}(1; \{10^6, 5^2, 2^{26}\})$	1310800
10	$\mathcal{O}(1; \{10^6, 5^7, 2^{18}\})$	1342177200
10	$\mathcal{O}(1; \{10^6, 5^{12}, 2^{10}\})$	1374389534800
10	$\mathcal{O}(1; \{10^6, 5^{17}, 2^2\})$	1407374883553200
10	$\mathcal{O}(1; \{10^7, 5^4, 2^{21}\})$	83886000
10	$\mathcal{O}(1; \{10^7, 5^9, 2^{13}\})$	85899346000
10	$\mathcal{O}(1; \{10^7, 5^{14}, 2^5\})$	87960930222000
10	$\mathcal{O}(1; \{10^8, 5, 2^{24}\})$	5242800
10	$\mathcal{O}(1; \{10^8, 5^6, 2^{16}\})$	5368709200
10	$\mathcal{O}(1; \{10^8, 5^{11}, 2^8\})$	5497558138800
10	$\mathcal{O}(1; \{10^8, 5^{16}\})$	5629499534213200
10	$\mathcal{O}(1; \{10^9, 5^3, 2^{19}\})$	335544400
10	$\mathcal{O}(1; \{10^9, 5^8, 2^{11}\})$	343597383600
10	$\mathcal{O}(1; \{10^9, 5^{13}, 2^3\})$	351843720888400
10	$\mathcal{O}(1; \{10^{10}, 2^{22}\})$	20971600
10	$\mathcal{O}(1; \{10^{10}, 5^5, 2^{14}\})$	21474836400
10	$\mathcal{O}(1; \{10^{10}, 5^{10}, 2^6\})$	21990232555600
10	$\mathcal{O}(1; \{10^{11}, 5^2, 2^{17}\})$	1342177200
10	$\mathcal{O}(1; \{10^{11}, 5^7, 2^9\})$	1374389534800
10	$\mathcal{O}(1; \{10^{11}, 5^{12}, 2\})$	1407374883553200
10	$\mathcal{O}(1; \{10^{12}, 5^4, 2^{12}\})$	85899346000
10	$\mathcal{O}(1; \{10^{12}, 5^9, 2^4\})$	87960930222000
10	$\mathcal{O}(1; \{10^{13}, 5, 2^{15}\})$	5368709200
10	$\mathcal{O}(1; \{10^{13}, 5^6, 2^7\})$	5497558138800
10	$\mathcal{O}(1; \{10^{14}, 5^3, 2^{10}\})$	343597383600
10	$\mathcal{O}(1; \{10^{14}, 5^8, 2^2\})$	351843720888400
10	$\mathcal{O}(1; \{10^{15}, 2^{13}\})$	21474836400
10	$\mathcal{O}(1; \{10^{15}, 5^5, 2^5\})$	21990232555600
10	$\mathcal{O}(1; \{10^{16}, 5^2, 2^8\})$	1374389534800
10	$\mathcal{O}(1; \{10^{16}, 5^7\})$	1407374883553200
10	$\mathcal{O}(1; \{10^{17}, 5^4, 2^3\})$	87960930222000
10	$\mathcal{O}(1; \{10^{18}, 5, 2^6\})$	5497558138800
10	$\mathcal{O}(1; \{10^{19}, 5^3, 2\})$	351843720888400
10	$\mathcal{O}(1; \{10^{20}, 2^4\})$	21990232555600
10	$\mathcal{O}(0; \{5^5, 2^{36}\})$	204

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(0; \{5^{10}, 2^{28}\})$	209716
10	$\mathcal{O}(0; \{5^{15}, 2^{20}\})$	214748364
10	$\mathcal{O}(0; \{5^{20}, 2^{12}\})$	219902325556
10	$\mathcal{O}(0; \{5^{25}, 2^4\})$	225179981368524
10	$\mathcal{O}(0; \{10, 5^2, 2^{39}\})$	12
10	$\mathcal{O}(0; \{10, 5^7, 2^{31}\})$	13108
10	$\mathcal{O}(0; \{10, 5^{12}, 2^{23}\})$	13421772
10	$\mathcal{O}(0; \{10, 5^{17}, 2^{15}\})$	13743895348
10	$\mathcal{O}(0; \{10, 5^{22}, 2^7\})$	14073748835532
10	$\mathcal{O}(0; \{10^2, 5^4, 2^{34}\})$	820
10	$\mathcal{O}(0; \{10^2, 5^9, 2^{26}\})$	838860
10	$\mathcal{O}(0; \{10^2, 5^{14}, 2^{18}\})$	858993460
10	$\mathcal{O}(0; \{10^2, 5^{19}, 2^{10}\})$	879609302220
10	$\mathcal{O}(0; \{10^2, 5^{24}, 2^2\})$	900719925474100
10	$\mathcal{O}(0; \{10^3, 5, 2^{37}\})$	52
10	$\mathcal{O}(0; \{10^3, 5^6, 2^{29}\})$	52428
10	$\mathcal{O}(0; \{10^3, 5^{11}, 2^{21}\})$	53687092
10	$\mathcal{O}(0; \{10^3, 5^{16}, 2^{13}\})$	54975581388
10	$\mathcal{O}(0; \{10^3, 5^{21}, 2^5\})$	56294995342132
10	$\mathcal{O}(0; \{10^4, 5^3, 2^{32}\})$	3276
10	$\mathcal{O}(0; \{10^4, 5^8, 2^{24}\})$	3355444
10	$\mathcal{O}(0; \{10^4, 5^{13}, 2^{16}\})$	3435973836
10	$\mathcal{O}(0; \{10^4, 5^{18}, 2^8\})$	3518437208884
10	$\mathcal{O}(0; \{10^4, 5^{23}\})$	3602879701896396
10	$\mathcal{O}(0; \{10^5, 2^{35}\})$	204
10	$\mathcal{O}(0; \{10^5, 5^5, 2^{27}\})$	209716
10	$\mathcal{O}(0; \{10^5, 5^{10}, 2^{19}\})$	214748364
10	$\mathcal{O}(0; \{10^5, 5^{15}, 2^{11}\})$	219902325556
10	$\mathcal{O}(0; \{10^5, 5^{20}, 2^3\})$	225179981368524
10	$\mathcal{O}(0; \{10^6, 5^2, 2^{30}\})$	13108
10	$\mathcal{O}(0; \{10^6, 5^7, 2^{22}\})$	13421772
10	$\mathcal{O}(0; \{10^6, 5^{12}, 2^{14}\})$	13743895348
10	$\mathcal{O}(0; \{10^6, 5^{17}, 2^6\})$	14073748835532
10	$\mathcal{O}(0; \{10^7, 5^4, 2^{25}\})$	838860
10	$\mathcal{O}(0; \{10^7, 5^9, 2^{17}\})$	858993460
10	$\mathcal{O}(0; \{10^7, 5^{14}, 2^9\})$	879609302220
10	$\mathcal{O}(0; \{10^7, 5^{19}, 2\})$	900719925474100
10	$\mathcal{O}(0; \{10^8, 5, 2^{28}\})$	52428
10	$\mathcal{O}(0; \{10^8, 5^6, 2^{20}\})$	53687092
10	$\mathcal{O}(0; \{10^8, 5^{11}, 2^{12}\})$	54975581388
10	$\mathcal{O}(0; \{10^8, 5^{16}, 2^4\})$	56294995342132
10	$\mathcal{O}(0; \{10^9, 5^3, 2^{23}\})$	3355444
10	$\mathcal{O}(0; \{10^9, 5^8, 2^{15}\})$	3435973836

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
10	$\mathcal{O}(0; \{10^9, 5^{13}, 2^7\})$	3518437208884
10	$\mathcal{O}(0; \{10^{10}, 2^{26}\})$	209716
10	$\mathcal{O}(0; \{10^{10}, 5^5, 2^{18}\})$	214748364
10	$\mathcal{O}(0; \{10^{10}, 5^{10}, 2^{10}\})$	219902325556
10	$\mathcal{O}(0; \{10^{10}, 5^{15}, 2^2\})$	225179981368524
10	$\mathcal{O}(0; \{10^{11}, 5^2, 2^{21}\})$	13421772
10	$\mathcal{O}(0; \{10^{11}, 5^7, 2^{13}\})$	13743895348
10	$\mathcal{O}(0; \{10^{11}, 5^{12}, 2^5\})$	14073748835532
10	$\mathcal{O}(0; \{10^{12}, 5^4, 2^{16}\})$	858993460
10	$\mathcal{O}(0; \{10^{12}, 5^9, 2^8\})$	879609302220
10	$\mathcal{O}(0; \{10^{12}, 5^{14}\})$	900719925474100
10	$\mathcal{O}(0; \{10^{13}, 5, 2^{19}\})$	53687092
10	$\mathcal{O}(0; \{10^{13}, 5^6, 2^{11}\})$	54975581388
10	$\mathcal{O}(0; \{10^{13}, 5^{11}, 2^3\})$	56294995342132
10	$\mathcal{O}(0; \{10^{14}, 5^3, 2^{14}\})$	3435973836
10	$\mathcal{O}(0; \{10^{14}, 5^8, 2^6\})$	3518437208884
10	$\mathcal{O}(0; \{10^{15}, 2^{17}\})$	214748364
10	$\mathcal{O}(0; \{10^{15}, 5^5, 2^9\})$	219902325556
10	$\mathcal{O}(0; \{10^{15}, 5^{10}, 2\})$	225179981368524
10	$\mathcal{O}(0; \{10^{16}, 5^2, 2^{12}\})$	13743895348
10	$\mathcal{O}(0; \{10^{16}, 5^7, 2^4\})$	14073748835532
10	$\mathcal{O}(0; \{10^{17}, 5^4, 2^7\})$	879609302220
10	$\mathcal{O}(0; \{10^{18}, 5, 2^{10}\})$	54975581388
10	$\mathcal{O}(0; \{10^{18}, 5^6, 2^2\})$	56294995342132
10	$\mathcal{O}(0; \{10^{19}, 5^3, 2^5\})$	3518437208884
10	$\mathcal{O}(0; \{10^{20}, 2^8\})$	219902325556
10	$\mathcal{O}(0; \{10^{20}, 5^3\})$	225179981368524
10	$\mathcal{O}(0; \{10^{21}, 5^2, 2^3\})$	14073748835532
10	$\mathcal{O}(0; \{10^{23}, 5, 2\})$	56294995342132
11	$\mathcal{O}(6; \{11^9\})$	285311667757883293890
11	$\mathcal{O}(1; \{11^{20}\})$	110000000000000000110
12	$\mathcal{O}(8; \{3^4\})$	1109288626710773760
12	$\mathcal{O}(8; \{6, 3^2, 2\})$	369762875570257920
12	$\mathcal{O}(8; \{6^2, 2^2\})$	369762875570257920
12	$\mathcal{O}(8; \{12^2, 6\})$	739537035580145664
12	$\mathcal{O}(7; \{3^4, 2^4\})$	7703040602308608
12	$\mathcal{O}(7; \{3^7\})$	53921284216160256
12	$\mathcal{O}(7; \{4^2, 3^4, 2\})$	15407021574586368
12	$\mathcal{O}(7; \{6, 3^2, 2^5\})$	2567680200769536
12	$\mathcal{O}(7; \{6, 3^5, 2\})$	28244482208464896
12	$\mathcal{O}(7; \{6, 4^2, 3^2, 2^2\})$	5135673858195456
12	$\mathcal{O}(7; \{6^2, 2^6\})$	2567680200769536
12	$\mathcal{O}(7; \{6^2, 3^3, 2^2\})$	12838401003847680

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(7; \{6^2, 4^2, 2^3\})$	5135673858195456
12	$\mathcal{O}(7; \{6^2, 4^4\})$	20542695432781824
12	$\mathcal{O}(7; \{6^3, 3, 2^3\})$	7703040602308608
12	$\mathcal{O}(7; \{6^3, 4^2, 3\})$	15407021574586368
12	$\mathcal{O}(7; \{6^4, 3^2\})$	28244482208464896
12	$\mathcal{O}(7; \{6^5, 2\})$	12838401003847680
12	$\mathcal{O}(7; \{12, 4, 3^3, 2^2\})$	15407021574586368
12	$\mathcal{O}(7; \{12, 6, 4, 3, 2^3\})$	5135673858195456
12	$\mathcal{O}(7; \{12, 6, 4^3, 3\})$	20542695432781824
12	$\mathcal{O}(7; \{12, 6^2, 4, 3^2\})$	25678369290977280
12	$\mathcal{O}(7; \{12, 6^3, 4, 2\})$	15407021574586368
12	$\mathcal{O}(7; \{12^2, 3^2, 2^3\})$	15407021574586368
12	$\mathcal{O}(7; \{12^2, 4^2, 3^2\})$	61628086298345472
12	$\mathcal{O}(7; \{12^2, 6, 2^4\})$	5135673858195456
12	$\mathcal{O}(7; \{12^2, 6, 3^3\})$	56492412440150016
12	$\mathcal{O}(7; \{12^2, 6, 4^2, 2\})$	20542695432781824
12	$\mathcal{O}(7; \{12^2, 6^2, 3, 2\})$	25678369290977280
12	$\mathcal{O}(7; \{12^3, 4, 3, 2\})$	61628086298345472
12	$\mathcal{O}(7; \{12^4, 2^2\})$	61628086298345472
12	$\mathcal{O}(6; \{3^4, 2^8\})$	53483541995520
12	$\mathcal{O}(6; \{3^7, 2^4\})$	374384793968640
12	$\mathcal{O}(6; \{3^{10}\})$	3048561893744640
12	$\mathcal{O}(6; \{4^2, 3^4, 2^5\})$	106993205379072
12	$\mathcal{O}(6; \{4^2, 3^7, 2\})$	748952437653504
12	$\mathcal{O}(6; \{4^4, 3^4, 2^2\})$	427972821516288
12	$\mathcal{O}(6; \{6, 3^2, 2^9\})$	17827847331840
12	$\mathcal{O}(6; \{6, 3^5, 2^5\})$	196106320650240
12	$\mathcal{O}(6; \{6, 3^8, 2\})$	1515367023206400
12	$\mathcal{O}(6; \{6, 4^2, 3^2, 2^6\})$	35664401793024
12	$\mathcal{O}(6; \{6, 4^2, 3^5, 2^2\})$	392308419723264
12	$\mathcal{O}(6; \{6, 4^4, 3^2, 2^3\})$	142657607172096
12	$\mathcal{O}(6; \{6, 4^6, 3^2\})$	570630428688384
12	$\mathcal{O}(6; \{6^2, 2^{10}\})$	17827847331840
12	$\mathcal{O}(6; \{6^2, 3^3, 2^6\})$	89139236659200
12	$\mathcal{O}(6; \{6^2, 3^6, 2^2\})$	766597435269120
12	$\mathcal{O}(6; \{6^2, 4^2, 2^7\})$	35664401793024
12	$\mathcal{O}(6; \{6^2, 4^2, 3^3, 2^3\})$	178322008965120
12	$\mathcal{O}(6; \{6^2, 4^4, 2^4\})$	142657607172096
12	$\mathcal{O}(6; \{6^2, 4^4, 3^3\})$	713288035860480
12	$\mathcal{O}(6; \{6^2, 4^6, 2\})$	570630428688384
12	$\mathcal{O}(6; \{6^3, 3, 2^7\})$	53483541995520
12	$\mathcal{O}(6; \{6^3, 3^4, 2^3\})$	374384793968640
12	$\mathcal{O}(6; \{6^3, 4^2, 3, 2^4\})$	106993205379072

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(6; \{6^3, 4^2, 3^4\})$	748952437653504
12	$\mathcal{O}(6; \{6^3, 4^4, 3, 2\})$	427972821516288
12	$\mathcal{O}(6; \{6^4, 3^2, 2^4\})$	196106320650240
12	$\mathcal{O}(6; \{6^4, 3^5\})$	1515367023206400
12	$\mathcal{O}(6; \{6^4, 4^2, 3^2, 2\})$	392308419723264
12	$\mathcal{O}(6; \{6^5, 2^5\})$	89139236659200
12	$\mathcal{O}(6; \{6^5, 3^3, 2\})$	766597435269120
12	$\mathcal{O}(6; \{6^5, 4^2, 2^2\})$	178322008965120
12	$\mathcal{O}(6; \{6^6, 3, 2^2\})$	374384793968640
12	$\mathcal{O}(6; \{6^8\})$	766597435269120
12	$\mathcal{O}(6; \{12, 4, 3^3, 2^6\})$	106993205379072
12	$\mathcal{O}(6; \{12, 4, 3^6, 2^2\})$	748952437653504
12	$\mathcal{O}(6; \{12, 4^3, 3^3, 2^3\})$	427972821516288
12	$\mathcal{O}(6; \{12, 4^5, 3^3\})$	1711891286065152
12	$\mathcal{O}(6; \{12, 6, 4, 3, 2^7\})$	35664401793024
12	$\mathcal{O}(6; \{12, 6, 4, 3^4, 2^3\})$	392308419723264
12	$\mathcal{O}(6; \{12, 6, 4^3, 3, 2^4\})$	142657607172096
12	$\mathcal{O}(6; \{12, 6, 4^3, 3^4\})$	1569233678893056
12	$\mathcal{O}(6; \{12, 6, 4^5, 3, 2\})$	570630428688384
12	$\mathcal{O}(6; \{12, 6^2, 4, 3^2, 2^4\})$	178322008965120
12	$\mathcal{O}(6; \{12, 6^2, 4, 3^5\})$	1533569277100032
12	$\mathcal{O}(6; \{12, 6^2, 4^3, 3^2, 2\})$	713288035860480
12	$\mathcal{O}(6; \{12, 6^3, 4, 2^5\})$	106993205379072
12	$\mathcal{O}(6; \{12, 6^3, 4, 3^3, 2\})$	748952437653504
12	$\mathcal{O}(6; \{12, 6^3, 4^3, 2^2\})$	427972821516288
12	$\mathcal{O}(6; \{12, 6^4, 4, 3, 2^2\})$	392308419723264
12	$\mathcal{O}(6; \{12, 6^6, 4\})$	748952437653504
12	$\mathcal{O}(6; \{12^2, 3^2, 2^7\})$	106993205379072
12	$\mathcal{O}(6; \{12^2, 3^5, 2^3\})$	748952437653504
12	$\mathcal{O}(6; \{12^2, 4^2, 3^2, 2^4\})$	427972821516288
12	$\mathcal{O}(6; \{12^2, 4^2, 3^5\})$	2995809750614016
12	$\mathcal{O}(6; \{12^2, 4^4, 3^2, 2\})$	1711891286065152
12	$\mathcal{O}(6; \{12^2, 6, 2^8\})$	35664401793024
12	$\mathcal{O}(6; \{12^2, 6, 3^3, 2^4\})$	392308419723264
12	$\mathcal{O}(6; \{12^2, 6, 3^6\})$	3031474152407040
12	$\mathcal{O}(6; \{12^2, 6, 4^2, 2^5\})$	142657607172096
12	$\mathcal{O}(6; \{12^2, 6, 4^2, 3^3, 2\})$	1569233678893056
12	$\mathcal{O}(6; \{12^2, 6, 4^4, 2^2\})$	570630428688384
12	$\mathcal{O}(6; \{12^2, 6^2, 3, 2^5\})$	178322008965120
12	$\mathcal{O}(6; \{12^2, 6^2, 3^4, 2\})$	1533569277100032
12	$\mathcal{O}(6; \{12^2, 6^2, 4^2, 3, 2^2\})$	713288035860480
12	$\mathcal{O}(6; \{12^2, 6^3, 3^2, 2^2\})$	748952437653504
12	$\mathcal{O}(6; \{12^2, 6^4, 2^3\})$	392308419723264

Continued on next page

Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(6; \{12^2, 6^4, 4^2\})$	1569233678893056
12	$\mathcal{O}(6; \{12^2, 6^5, 3\})$	1533569277100032
12	$\mathcal{O}(6; \{12^3, 4, 3, 2^5\})$	427972821516288
12	$\mathcal{O}(6; \{12^3, 4, 3^4, 2\})$	2995809750614016
12	$\mathcal{O}(6; \{12^3, 4^3, 3, 2^2\})$	1711891286065152
12	$\mathcal{O}(6; \{12^3, 6, 4, 3^2, 2^2\})$	1569233678893056
12	$\mathcal{O}(6; \{12^3, 6^2, 4, 2^3\})$	713288035860480
12	$\mathcal{O}(6; \{12^3, 6^2, 4^3\})$	2853152143441920
12	$\mathcal{O}(6; \{12^3, 6^3, 4, 3\})$	2995809750614016
12	$\mathcal{O}(6; \{12^4, 2^6\})$	427972821516288
12	$\mathcal{O}(6; \{12^4, 3^3, 2^2\})$	2995809750614016
12	$\mathcal{O}(6; \{12^4, 4^2, 2^3\})$	1711891286065152
12	$\mathcal{O}(6; \{12^4, 4^4\})$	6847565144260608
12	$\mathcal{O}(6; \{12^4, 6, 3, 2^3\})$	1569233678893056
12	$\mathcal{O}(6; \{12^4, 6, 4^2, 3\})$	6276934715572224
12	$\mathcal{O}(6; \{12^4, 6^2, 3^2\})$	6134277108400128
12	$\mathcal{O}(6; \{12^4, 6^3, 2\})$	2995809750614016
12	$\mathcal{O}(6; \{12^5, 4, 3^2\})$	11983239002456064
12	$\mathcal{O}(6; \{12^5, 6, 4, 2\})$	6276934715572224
12	$\mathcal{O}(6; \{12^6, 3, 2\})$	11983239002456064
12	$\mathcal{O}(5; \{3^4, 2^{12}\})$	371141388288
12	$\mathcal{O}(5; \{3^7, 2^8\})$	2597989718016
12	$\mathcal{O}(5; \{3^{10}, 2^4\})$	21155059132416
12	$\mathcal{O}(5; \{3^{13}\})$	168869331671040
12	$\mathcal{O}(5; \{4^2, 3^4, 2^9\})$	743008370688
12	$\mathcal{O}(5; \{4^2, 3^7, 2^5\})$	5201058594816
12	$\mathcal{O}(5; \{4^2, 3^{10}, 2\})$	42351477129216
12	$\mathcal{O}(5; \{4^4, 3^4, 2^6\})$	2972033482752
12	$\mathcal{O}(5; \{4^4, 3^7, 2^2\})$	20804234379264
12	$\mathcal{O}(5; \{4^6, 3^4, 2^3\})$	11888133931008
12	$\mathcal{O}(5; \{4^8, 3^4\})$	47552535724032
12	$\mathcal{O}(5; \{6, 3^2, 2^{13}\})$	123713796096
12	$\mathcal{O}(5; \{6, 3^5, 2^9\})$	1360851757056
12	$\mathcal{O}(5; \{6, 3^8, 2^5\})$	10515672668160
12	$\mathcal{O}(5; \{6, 3^{11}, 2\})$	84496522733568
12	$\mathcal{O}(5; \{6, 4^2, 3^2, 2^{10}\})$	247669456896
12	$\mathcal{O}(5; \{6, 4^2, 3^5, 2^6\})$	2724364025856
12	$\mathcal{O}(5; \{6, 4^2, 3^8, 2^2\})$	21051903836160
12	$\mathcal{O}(5; \{6, 4^4, 3^2, 2^7\})$	990677827584
12	$\mathcal{O}(5; \{6, 4^4, 3^5, 2^3\})$	10897456103424
12	$\mathcal{O}(5; \{6, 4^6, 3^2, 2^4\})$	3962711310336
12	$\mathcal{O}(5; \{6, 4^6, 3^5\})$	43589824413696
12	$\mathcal{O}(5; \{6, 4^8, 3^2, 2\})$	15850845241344

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{6^2, 2^{14}\})$	123713796096
12	$\mathcal{O}(5; \{6^2, 3^3, 2^{10}\})$	618568980480
12	$\mathcal{O}(5; \{6^2, 3^6, 2^6\})$	5319693232128
12	$\mathcal{O}(5; \{6^2, 3^9, 2^2\})$	42186404468736
12	$\mathcal{O}(5; \{6^2, 4^2, 2^{11}\})$	247669456896
12	$\mathcal{O}(5; \{6^2, 4^2, 3^3, 2^7\})$	1238347284480
12	$\mathcal{O}(5; \{6^2, 4^2, 3^6, 2^3\})$	10649786646528
12	$\mathcal{O}(5; \{6^2, 4^4, 2^8\})$	990677827584
12	$\mathcal{O}(5; \{6^2, 4^4, 3^3, 2^4\})$	4953389137920
12	$\mathcal{O}(5; \{6^2, 4^4, 3^6\})$	42599146586112
12	$\mathcal{O}(5; \{6^2, 4^6, 2^5\})$	3962711310336
12	$\mathcal{O}(5; \{6^2, 4^6, 3^3, 2\})$	19813556551680
12	$\mathcal{O}(5; \{6^2, 4^8, 2^2\})$	15850845241344
12	$\mathcal{O}(5; \{6^3, 3, 2^{11}\})$	371141388288
12	$\mathcal{O}(5; \{6^3, 3^4, 2^7\})$	2597989718016
12	$\mathcal{O}(5; \{6^3, 3^7, 2^3\})$	21155059132416
12	$\mathcal{O}(5; \{6^3, 4^2, 3, 2^8\})$	743008370688
12	$\mathcal{O}(5; \{6^3, 4^2, 3^4, 2^4\})$	5201058594816
12	$\mathcal{O}(5; \{6^3, 4^2, 3^7\})$	42351477129216
12	$\mathcal{O}(5; \{6^3, 4^4, 3, 2^5\})$	2972033482752
12	$\mathcal{O}(5; \{6^3, 4^4, 3^4, 2\})$	20804234379264
12	$\mathcal{O}(5; \{6^3, 4^6, 3, 2^2\})$	11888133931008
12	$\mathcal{O}(5; \{6^4, 3^2, 2^8\})$	1360851757056
12	$\mathcal{O}(5; \{6^4, 3^5, 2^4\})$	10515672668160
12	$\mathcal{O}(5; \{6^4, 3^8\})$	84496522733568
12	$\mathcal{O}(5; \{6^4, 4^2, 3^2, 2^5\})$	2724364025856
12	$\mathcal{O}(5; \{6^4, 4^2, 3^5, 2\})$	21051903836160
12	$\mathcal{O}(5; \{6^4, 4^4, 3^2, 2^2\})$	10897456103424
12	$\mathcal{O}(5; \{6^5, 2^9\})$	618568980480
12	$\mathcal{O}(5; \{6^5, 3^3, 2^5\})$	5319693232128
12	$\mathcal{O}(5; \{6^5, 3^6, 2\})$	42186404468736
12	$\mathcal{O}(5; \{6^5, 4^2, 2^6\})$	1238347284480
12	$\mathcal{O}(5; \{6^5, 4^2, 3^3, 2^2\})$	10649786646528
12	$\mathcal{O}(5; \{6^5, 4^4, 2^3\})$	4953389137920
12	$\mathcal{O}(5; \{6^5, 4^6\})$	19813556551680
12	$\mathcal{O}(5; \{6^6, 3, 2^6\})$	2597989718016
12	$\mathcal{O}(5; \{6^6, 3^4, 2^2\})$	21155059132416
12	$\mathcal{O}(5; \{6^6, 4^2, 3, 2^3\})$	5201058594816
12	$\mathcal{O}(5; \{6^6, 4^4, 3\})$	20804234379264
12	$\mathcal{O}(5; \{6^7, 3^2, 2^3\})$	10515672668160
12	$\mathcal{O}(5; \{6^7, 4^2, 3^2\})$	21051903836160
12	$\mathcal{O}(5; \{6^8, 2^4\})$	5319693232128
12	$\mathcal{O}(5; \{6^8, 3^3\})$	42186404468736

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{6^8, 4^2, 2\})$	10649786646528
12	$\mathcal{O}(5; \{6^9, 3, 2\})$	21155059132416
12	$\mathcal{O}(5; \{12, 4, 3^3, 2^{10}\})$	743008370688
12	$\mathcal{O}(5; \{12, 4, 3^6, 2^6\})$	5201058594816
12	$\mathcal{O}(5; \{12, 4, 3^9, 2^2\})$	42351477129216
12	$\mathcal{O}(5; \{12, 4^3, 3^3, 2^7\})$	2972033482752
12	$\mathcal{O}(5; \{12, 4^3, 3^6, 2^3\})$	20804234379264
12	$\mathcal{O}(5; \{12, 4^5, 3^3, 2^4\})$	11888133931008
12	$\mathcal{O}(5; \{12, 4^5, 3^6\})$	83216937517056
12	$\mathcal{O}(5; \{12, 4^7, 3^3, 2\})$	47552535724032
12	$\mathcal{O}(5; \{12, 6, 4, 3, 2^{11}\})$	247669456896
12	$\mathcal{O}(5; \{12, 6, 4, 3^4, 2^7\})$	2724364025856
12	$\mathcal{O}(5; \{12, 6, 4, 3^7, 2^3\})$	21051903836160
12	$\mathcal{O}(5; \{12, 6, 4^3, 3, 2^8\})$	990677827584
12	$\mathcal{O}(5; \{12, 6, 4^3, 3^4, 2^4\})$	10897456103424
12	$\mathcal{O}(5; \{12, 6, 4^3, 3^7\})$	84207615344640
12	$\mathcal{O}(5; \{12, 6, 4^5, 3, 2^5\})$	3962711310336
12	$\mathcal{O}(5; \{12, 6, 4^5, 3^4, 2\})$	43589824413696
12	$\mathcal{O}(5; \{12, 6, 4^7, 3, 2^2\})$	15850845241344
12	$\mathcal{O}(5; \{12, 6^2, 4, 3^2, 2^8\})$	1238347284480
12	$\mathcal{O}(5; \{12, 6^2, 4, 3^5, 2^4\})$	10649786646528
12	$\mathcal{O}(5; \{12, 6^2, 4, 3^8\})$	84455284801536
12	$\mathcal{O}(5; \{12, 6^2, 4^3, 3^2, 2^5\})$	4953389137920
12	$\mathcal{O}(5; \{12, 6^2, 4^3, 3^5, 2\})$	42599146586112
12	$\mathcal{O}(5; \{12, 6^2, 4^5, 3^2, 2^2\})$	19813556551680
12	$\mathcal{O}(5; \{12, 6^3, 4, 2^9\})$	743008370688
12	$\mathcal{O}(5; \{12, 6^3, 4, 3^3, 2^5\})$	5201058594816
12	$\mathcal{O}(5; \{12, 6^3, 4, 3^6, 2\})$	42351477129216
12	$\mathcal{O}(5; \{12, 6^3, 4^3, 2^6\})$	2972033482752
12	$\mathcal{O}(5; \{12, 6^3, 4^3, 3^3, 2^2\})$	20804234379264
12	$\mathcal{O}(5; \{12, 6^3, 4^5, 2^3\})$	11888133931008
12	$\mathcal{O}(5; \{12, 6^3, 4^7\})$	47552535724032
12	$\mathcal{O}(5; \{12, 6^4, 4, 3, 2^6\})$	2724364025856
12	$\mathcal{O}(5; \{12, 6^4, 4, 3^4, 2^2\})$	21051903836160
12	$\mathcal{O}(5; \{12, 6^4, 4^3, 3, 2^3\})$	10897456103424
12	$\mathcal{O}(5; \{12, 6^4, 4^5, 3\})$	43589824413696
12	$\mathcal{O}(5; \{12, 6^5, 4, 3^2, 2^3\})$	10649786646528
12	$\mathcal{O}(5; \{12, 6^5, 4^3, 3^2\})$	42599146586112
12	$\mathcal{O}(5; \{12, 6^6, 4, 2^4\})$	5201058594816
12	$\mathcal{O}(5; \{12, 6^6, 4, 3^3\})$	42351477129216
12	$\mathcal{O}(5; \{12, 6^6, 4^3, 2\})$	20804234379264
12	$\mathcal{O}(5; \{12, 6^7, 4, 3, 2\})$	21051903836160
12	$\mathcal{O}(5; \{12^2, 3^2, 2^{11}\})$	743008370688

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{12^2, 3^5, 2^7\})$	5201058594816
12	$\mathcal{O}(5; \{12^2, 3^8, 2^3\})$	42351477129216
12	$\mathcal{O}(5; \{12^2, 4^2, 3^2, 2^8\})$	2972033482752
12	$\mathcal{O}(5; \{12^2, 4^2, 3^5, 2^4\})$	20804234379264
12	$\mathcal{O}(5; \{12^2, 4^2, 3^8\})$	169405908516864
12	$\mathcal{O}(5; \{12^2, 4^4, 3^2, 2^5\})$	11888133931008
12	$\mathcal{O}(5; \{12^2, 4^4, 3^5, 2\})$	83216937517056
12	$\mathcal{O}(5; \{12^2, 4^6, 3^2, 2^2\})$	47552535724032
12	$\mathcal{O}(5; \{12^2, 6, 2^{12}\})$	247669456896
12	$\mathcal{O}(5; \{12^2, 6, 3^3, 2^8\})$	2724364025856
12	$\mathcal{O}(5; \{12^2, 6, 3^6, 2^4\})$	21051903836160
12	$\mathcal{O}(5; \{12^2, 6, 3^9\})$	169158239059968
12	$\mathcal{O}(5; \{12^2, 6, 4^2, 2^9\})$	990677827584
12	$\mathcal{O}(5; \{12^2, 6, 4^2, 3^3, 2^5\})$	10897456103424
12	$\mathcal{O}(5; \{12^2, 6, 4^2, 3^6, 2\})$	84207615344640
12	$\mathcal{O}(5; \{12^2, 6, 4^4, 2^6\})$	3962711310336
12	$\mathcal{O}(5; \{12^2, 6, 4^4, 3^3, 2^2\})$	43589824413696
12	$\mathcal{O}(5; \{12^2, 6, 4^6, 2^3\})$	15850845241344
12	$\mathcal{O}(5; \{12^2, 6, 4^8\})$	63403380965376
12	$\mathcal{O}(5; \{12^2, 6^2, 3, 2^9\})$	1238347284480
12	$\mathcal{O}(5; \{12^2, 6^2, 3^4, 2^5\})$	10649786646528
12	$\mathcal{O}(5; \{12^2, 6^2, 3^7, 2\})$	84455284801536
12	$\mathcal{O}(5; \{12^2, 6^2, 4^2, 3, 2^6\})$	4953389137920
12	$\mathcal{O}(5; \{12^2, 6^2, 4^2, 3^4, 2^2\})$	42599146586112
12	$\mathcal{O}(5; \{12^2, 6^2, 4^4, 3, 2^3\})$	19813556551680
12	$\mathcal{O}(5; \{12^2, 6^2, 4^6, 3\})$	79254226206720
12	$\mathcal{O}(5; \{12^2, 6^3, 3^2, 2^6\})$	5201058594816
12	$\mathcal{O}(5; \{12^2, 6^3, 3^5, 2^2\})$	42351477129216
12	$\mathcal{O}(5; \{12^2, 6^3, 4^2, 3^2, 2^3\})$	20804234379264
12	$\mathcal{O}(5; \{12^2, 6^3, 4^4, 3^2\})$	83216937517056
12	$\mathcal{O}(5; \{12^2, 6^4, 2^7\})$	2724364025856
12	$\mathcal{O}(5; \{12^2, 6^4, 3^3, 2^3\})$	21051903836160
12	$\mathcal{O}(5; \{12^2, 6^4, 4^2, 2^4\})$	10897456103424
12	$\mathcal{O}(5; \{12^2, 6^4, 4^2, 3^3\})$	84207615344640
12	$\mathcal{O}(5; \{12^2, 6^4, 4^4, 2\})$	43589824413696
12	$\mathcal{O}(5; \{12^2, 6^5, 3, 2^4\})$	10649786646528
12	$\mathcal{O}(5; \{12^2, 6^5, 3^4\})$	84455284801536
12	$\mathcal{O}(5; \{12^2, 6^5, 4^2, 3, 2\})$	42599146586112
12	$\mathcal{O}(5; \{12^2, 6^6, 3^2, 2\})$	42351477129216
12	$\mathcal{O}(5; \{12^2, 6^7, 2^2\})$	21051903836160
12	$\mathcal{O}(5; \{12^3, 4, 3, 2^9\})$	2972033482752
12	$\mathcal{O}(5; \{12^3, 4, 3^4, 2^5\})$	20804234379264
12	$\mathcal{O}(5; \{12^3, 4, 3^7, 2\})$	169405908516864

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{12^3, 4^3, 3, 2^6\})$	11888133931008
12	$\mathcal{O}(5; \{12^3, 4^3, 3^4, 2^2\})$	83216937517056
12	$\mathcal{O}(5; \{12^3, 4^5, 3, 2^3\})$	47552535724032
12	$\mathcal{O}(5; \{12^3, 4^7, 3\})$	190210142896128
12	$\mathcal{O}(5; \{12^3, 6, 4, 3^2, 2^6\})$	10897456103424
12	$\mathcal{O}(5; \{12^3, 6, 4, 3^5, 2^2\})$	84207615344640
12	$\mathcal{O}(5; \{12^3, 6, 4^3, 3^2, 2^3\})$	43589824413696
12	$\mathcal{O}(5; \{12^3, 6, 4^5, 3^2\})$	174359297654784
12	$\mathcal{O}(5; \{12^3, 6^2, 4, 2^7\})$	4953389137920
12	$\mathcal{O}(5; \{12^3, 6^2, 4, 3^3, 2^3\})$	42599146586112
12	$\mathcal{O}(5; \{12^3, 6^2, 4^3, 2^4\})$	19813556551680
12	$\mathcal{O}(5; \{12^3, 6^2, 4^3, 3^3\})$	170396586344448
12	$\mathcal{O}(5; \{12^3, 6^2, 4^5, 2\})$	79254226206720
12	$\mathcal{O}(5; \{12^3, 6^3, 4, 3, 2^4\})$	20804234379264
12	$\mathcal{O}(5; \{12^3, 6^3, 4, 3^4\})$	169405908516864
12	$\mathcal{O}(5; \{12^3, 6^3, 4^3, 3, 2\})$	83216937517056
12	$\mathcal{O}(5; \{12^3, 6^4, 4, 3^2, 2\})$	84207615344640
12	$\mathcal{O}(5; \{12^3, 6^5, 4, 2^2\})$	42599146586112
12	$\mathcal{O}(5; \{12^4, 2^{10}\})$	2972033482752
12	$\mathcal{O}(5; \{12^4, 3^3, 2^6\})$	20804234379264
12	$\mathcal{O}(5; \{12^4, 3^6, 2^2\})$	169405908516864
12	$\mathcal{O}(5; \{12^4, 4^2, 2^7\})$	11888133931008
12	$\mathcal{O}(5; \{12^4, 4^2, 3^3, 2^3\})$	83216937517056
12	$\mathcal{O}(5; \{12^4, 4^4, 2^4\})$	47552535724032
12	$\mathcal{O}(5; \{12^4, 4^4, 3^3\})$	332867750068224
12	$\mathcal{O}(5; \{12^4, 4^6, 2\})$	190210142896128
12	$\mathcal{O}(5; \{12^4, 6, 3, 2^7\})$	10897456103424
12	$\mathcal{O}(5; \{12^4, 6, 3^4, 2^3\})$	84207615344640
12	$\mathcal{O}(5; \{12^4, 6, 4^2, 3, 2^4\})$	43589824413696
12	$\mathcal{O}(5; \{12^4, 6, 4^2, 3^4\})$	336830461378560
12	$\mathcal{O}(5; \{12^4, 6, 4^4, 3, 2\})$	174359297654784
12	$\mathcal{O}(5; \{12^4, 6^2, 3^2, 2^4\})$	42599146586112
12	$\mathcal{O}(5; \{12^4, 6^2, 3^5\})$	337821139206144
12	$\mathcal{O}(5; \{12^4, 6^2, 4^2, 3^2, 2\})$	170396586344448
12	$\mathcal{O}(5; \{12^4, 6^3, 2^5\})$	20804234379264
12	$\mathcal{O}(5; \{12^4, 6^3, 3^3, 2\})$	169405908516864
12	$\mathcal{O}(5; \{12^4, 6^3, 4^2, 2^2\})$	83216937517056
12	$\mathcal{O}(5; \{12^4, 6^4, 3, 2^2\})$	84207615344640
12	$\mathcal{O}(5; \{12^4, 6^6\})$	169405908516864
12	$\mathcal{O}(5; \{12^5, 4, 3^2, 2^4\})$	83216937517056
12	$\mathcal{O}(5; \{12^5, 4, 3^5\})$	677623634067456
12	$\mathcal{O}(5; \{12^5, 4^3, 3^2, 2\})$	332867750068224
12	$\mathcal{O}(5; \{12^5, 6, 4, 2^5\})$	43589824413696

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(5; \{12^5, 6, 4, 3^3, 2\})$	336830461378560
12	$\mathcal{O}(5; \{12^5, 6, 4^3, 2^2\})$	174359297654784
12	$\mathcal{O}(5; \{12^5, 6^2, 4, 3, 2^2\})$	170396586344448
12	$\mathcal{O}(5; \{12^5, 6^4, 4\})$	336830461378560
12	$\mathcal{O}(5; \{12^6, 3, 2^5\})$	83216937517056
12	$\mathcal{O}(5; \{12^6, 3^4, 2\})$	677623634067456
12	$\mathcal{O}(5; \{12^6, 4^2, 3, 2^2\})$	332867750068224
12	$\mathcal{O}(5; \{12^6, 6, 3^2, 2^2\})$	336830461378560
12	$\mathcal{O}(5; \{12^6, 6^2, 2^3\})$	170396586344448
12	$\mathcal{O}(5; \{12^6, 6^2, 4^2\})$	681586345377792
12	$\mathcal{O}(5; \{12^6, 6^3, 3\})$	677623634067456
12	$\mathcal{O}(5; \{12^7, 4, 2^3\})$	332867750068224
12	$\mathcal{O}(5; \{12^7, 4^3\})$	1331471000272896
12	$\mathcal{O}(5; \{12^7, 6, 4, 3\})$	1347321845514240
12	$\mathcal{O}(5; \{12^8, 3^2\})$	2710494536269824
12	$\mathcal{O}(5; \{12^8, 6, 2\})$	1347321845514240
12	$\mathcal{O}(4; \{3^4, 2^{16}\})$	2569812480
12	$\mathcal{O}(4; \{3^7, 2^{12}\})$	17988687360
12	$\mathcal{O}(4; \{3^{10}, 2^8\})$	146479311360
12	$\mathcal{O}(4; \{3^{13}, 2^4\})$	1169264678400
12	$\mathcal{O}(4; \{3^{16}\})$	9356687239680
12	$\mathcal{O}(4; \{4^2, 3^4, 2^{13}\})$	5159780352
12	$\mathcal{O}(4; \{4^2, 3^7, 2^9\})$	36118462464
12	$\mathcal{O}(4; \{4^2, 3^{10}, 2^5\})$	294107480064
12	$\mathcal{O}(4; \{4^2, 3^{13}, 2\})$	2347700060160
12	$\mathcal{O}(4; \{4^4, 3^4, 2^{10}\})$	20639121408
12	$\mathcal{O}(4; \{4^4, 3^7, 2^6\})$	144473849856
12	$\mathcal{O}(4; \{4^4, 3^{10}, 2^2\})$	1176429920256
12	$\mathcal{O}(4; \{4^6, 3^4, 2^7\})$	82556485632
12	$\mathcal{O}(4; \{4^6, 3^7, 2^3\})$	577895399424
12	$\mathcal{O}(4; \{4^8, 3^4, 2^4\})$	330225942528
12	$\mathcal{O}(4; \{4^8, 3^7\})$	2311581597696
12	$\mathcal{O}(4; \{4^{10}, 3^4, 2\})$	1320903770112
12	$\mathcal{O}(4; \{6, 3^2, 2^{17}\})$	856604160
12	$\mathcal{O}(4; \{6, 3^5, 2^{13}\})$	9422645760
12	$\mathcal{O}(4; \{6, 3^8, 2^9\})$	72811353600
12	$\mathcal{O}(4; \{6, 3^{11}, 2^5\})$	585060641280
12	$\mathcal{O}(4; \{6, 3^{14}, 2\})$	4677915317760
12	$\mathcal{O}(4; \{6, 4^2, 3^2, 2^{14}\})$	1719926784
12	$\mathcal{O}(4; \{6, 4^2, 3^5, 2^{10}\})$	18919194624
12	$\mathcal{O}(4; \{6, 4^2, 3^8, 2^6\})$	146193776640
12	$\mathcal{O}(4; \{6, 4^2, 3^{11}, 2^2\})$	1174709993472
12	$\mathcal{O}(4; \{6, 4^4, 3^2, 2^{11}\})$	6879707136

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{6, 4^4, 3^5, 2^7\})$	75676778496
12	$\mathcal{O}(4; \{6, 4^4, 3^8, 2^3\})$	584775106560
12	$\mathcal{O}(4; \{6, 4^6, 3^2, 2^8\})$	27518828544
12	$\mathcal{O}(4; \{6, 4^6, 3^5, 2^4\})$	302707113984
12	$\mathcal{O}(4; \{6, 4^6, 3^8\})$	2339100426240
12	$\mathcal{O}(4; \{6, 4^8, 3^2, 2^5\})$	110075314176
12	$\mathcal{O}(4; \{6, 4^8, 3^5, 2\})$	1210828455936
12	$\mathcal{O}(4; \{6, 4^{10}, 3^2, 2^2\})$	440301256704
12	$\mathcal{O}(4; \{6^2, 2^{18}\})$	856604160
12	$\mathcal{O}(4; \{6^2, 3^3, 2^{14}\})$	4283020800
12	$\mathcal{O}(4; \{6^2, 3^6, 2^{10}\})$	36833978880
12	$\mathcal{O}(4; \{6^2, 3^9, 2^6\})$	292102018560
12	$\mathcal{O}(4; \{6^2, 3^{12}, 2^2\})$	2339385960960
12	$\mathcal{O}(4; \{6^2, 4^2, 2^{15}\})$	1719926784
12	$\mathcal{O}(4; \{6^2, 4^2, 3^3, 2^{11}\})$	8599633920
12	$\mathcal{O}(4; \{6^2, 4^2, 3^6, 2^7\})$	73956851712
12	$\mathcal{O}(4; \{6^2, 4^2, 3^9, 2^3\})$	586495033344
12	$\mathcal{O}(4; \{6^2, 4^4, 2^{12}\})$	6879707136
12	$\mathcal{O}(4; \{6^2, 4^4, 3^3, 2^8\})$	34398535680
12	$\mathcal{O}(4; \{6^2, 4^4, 3^6, 2^4\})$	295827406848
12	$\mathcal{O}(4; \{6^2, 4^4, 3^9\})$	2345980133376
12	$\mathcal{O}(4; \{6^2, 4^6, 2^9\})$	27518828544
12	$\mathcal{O}(4; \{6^2, 4^6, 3^3, 2^5\})$	137594142720
12	$\mathcal{O}(4; \{6^2, 4^6, 3^6, 2\})$	1183309627392
12	$\mathcal{O}(4; \{6^2, 4^8, 2^6\})$	110075314176
12	$\mathcal{O}(4; \{6^2, 4^8, 3^3, 2^2\})$	550376570880
12	$\mathcal{O}(4; \{6^2, 4^{10}, 2^3\})$	440301256704
12	$\mathcal{O}(4; \{6^2, 4^{12}\})$	1761205026816
12	$\mathcal{O}(4; \{6^3, 3, 2^{15}\})$	2569812480
12	$\mathcal{O}(4; \{6^3, 3^4, 2^{11}\})$	17988687360
12	$\mathcal{O}(4; \{6^3, 3^7, 2^7\})$	146479311360
12	$\mathcal{O}(4; \{6^3, 3^{10}, 2^3\})$	1169264678400
12	$\mathcal{O}(4; \{6^3, 4^2, 3, 2^{12}\})$	5159780352
12	$\mathcal{O}(4; \{6^3, 4^2, 3^4, 2^8\})$	36118462464
12	$\mathcal{O}(4; \{6^3, 4^2, 3^7, 2^4\})$	294107480064
12	$\mathcal{O}(4; \{6^3, 4^2, 3^{10}\})$	2347700060160
12	$\mathcal{O}(4; \{6^3, 4^4, 3, 2^9\})$	20639121408
12	$\mathcal{O}(4; \{6^3, 4^4, 3^4, 2^5\})$	144473849856
12	$\mathcal{O}(4; \{6^3, 4^4, 3^7, 2\})$	1176429920256
12	$\mathcal{O}(4; \{6^3, 4^6, 3, 2^6\})$	82556485632
12	$\mathcal{O}(4; \{6^3, 4^6, 3^4, 2^2\})$	577895399424
12	$\mathcal{O}(4; \{6^3, 4^8, 3, 2^3\})$	330225942528
12	$\mathcal{O}(4; \{6^3, 4^{10}, 3\})$	1320903770112

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{6^4, 3^2, 2^{12}\})$	9422645760
12	$\mathcal{O}(4; \{6^4, 3^5, 2^8\})$	72811353600
12	$\mathcal{O}(4; \{6^4, 3^8, 2^4\})$	585060641280
12	$\mathcal{O}(4; \{6^4, 3^{11}\})$	4677915317760
12	$\mathcal{O}(4; \{6^4, 4^2, 3^2, 2^9\})$	18919194624
12	$\mathcal{O}(4; \{6^4, 4^2, 3^5, 2^5\})$	146193776640
12	$\mathcal{O}(4; \{6^4, 4^2, 3^8, 2\})$	1174709993472
12	$\mathcal{O}(4; \{6^4, 4^4, 3^2, 2^6\})$	75676778496
12	$\mathcal{O}(4; \{6^4, 4^4, 3^5, 2^2\})$	584775106560
12	$\mathcal{O}(4; \{6^4, 4^6, 3^2, 2^3\})$	302707113984
12	$\mathcal{O}(4; \{6^4, 4^8, 3^2\})$	1210828455936
12	$\mathcal{O}(4; \{6^5, 2^{13}\})$	4283020800
12	$\mathcal{O}(4; \{6^5, 3^3, 2^9\})$	36833978880
12	$\mathcal{O}(4; \{6^5, 3^6, 2^5\})$	292102018560
12	$\mathcal{O}(4; \{6^5, 3^9, 2\})$	2339385960960
12	$\mathcal{O}(4; \{6^5, 4^2, 2^{10}\})$	8599633920
12	$\mathcal{O}(4; \{6^5, 4^2, 3^3, 2^6\})$	73956851712
12	$\mathcal{O}(4; \{6^5, 4^2, 3^6, 2^2\})$	586495033344
12	$\mathcal{O}(4; \{6^5, 4^4, 2^7\})$	34398535680
12	$\mathcal{O}(4; \{6^5, 4^4, 3^3, 2^3\})$	295827406848
12	$\mathcal{O}(4; \{6^5, 4^6, 2^4\})$	137594142720
12	$\mathcal{O}(4; \{6^5, 4^6, 3^3\})$	1183309627392
12	$\mathcal{O}(4; \{6^5, 4^8, 2\})$	550376570880
12	$\mathcal{O}(4; \{6^6, 3, 2^{10}\})$	17988687360
12	$\mathcal{O}(4; \{6^6, 3^4, 2^6\})$	146479311360
12	$\mathcal{O}(4; \{6^6, 3^7, 2^2\})$	1169264678400
12	$\mathcal{O}(4; \{6^6, 4^2, 3, 2^7\})$	36118462464
12	$\mathcal{O}(4; \{6^6, 4^2, 3^4, 2^3\})$	294107480064
12	$\mathcal{O}(4; \{6^6, 4^4, 3, 2^4\})$	144473849856
12	$\mathcal{O}(4; \{6^6, 4^4, 3^4\})$	1176429920256
12	$\mathcal{O}(4; \{6^6, 4^6, 3, 2\})$	577895399424
12	$\mathcal{O}(4; \{6^7, 3^2, 2^7\})$	72811353600
12	$\mathcal{O}(4; \{6^7, 3^5, 2^3\})$	585060641280
12	$\mathcal{O}(4; \{6^7, 4^2, 3^2, 2^4\})$	146193776640
12	$\mathcal{O}(4; \{6^7, 4^2, 3^5\})$	1174709993472
12	$\mathcal{O}(4; \{6^7, 4^4, 3^2, 2\})$	584775106560
12	$\mathcal{O}(4; \{6^8, 2^8\})$	36833978880
12	$\mathcal{O}(4; \{6^8, 3^3, 2^4\})$	292102018560
12	$\mathcal{O}(4; \{6^8, 3^6\})$	2339385960960
12	$\mathcal{O}(4; \{6^8, 4^2, 2^5\})$	73956851712
12	$\mathcal{O}(4; \{6^8, 4^2, 3^3, 2\})$	586495033344
12	$\mathcal{O}(4; \{6^8, 4^4, 2^2\})$	295827406848
12	$\mathcal{O}(4; \{6^9, 3, 2^5\})$	146479311360

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{6^9, 3^4, 2\})$	1169264678400
12	$\mathcal{O}(4; \{6^9, 4^2, 3, 2^2\})$	294107480064
12	$\mathcal{O}(4; \{6^{10}, 3^2, 2^2\})$	585060641280
12	$\mathcal{O}(4; \{6^{11}, 2^3\})$	292102018560
12	$\mathcal{O}(4; \{6^{11}, 4^2\})$	586495033344
12	$\mathcal{O}(4; \{6^{12}, 3\})$	1169264678400
12	$\mathcal{O}(4; \{12, 4, 3^3, 2^{14}\})$	5159780352
12	$\mathcal{O}(4; \{12, 4, 3^6, 2^{10}\})$	36118462464
12	$\mathcal{O}(4; \{12, 4, 3^9, 2^6\})$	294107480064
12	$\mathcal{O}(4; \{12, 4, 3^{12}, 2^2\})$	2347700060160
12	$\mathcal{O}(4; \{12, 4^3, 3^3, 2^{11}\})$	20639121408
12	$\mathcal{O}(4; \{12, 4^3, 3^6, 2^7\})$	144473849856
12	$\mathcal{O}(4; \{12, 4^3, 3^9, 2^3\})$	1176429920256
12	$\mathcal{O}(4; \{12, 4^5, 3^3, 2^8\})$	82556485632
12	$\mathcal{O}(4; \{12, 4^5, 3^6, 2^4\})$	577895399424
12	$\mathcal{O}(4; \{12, 4^5, 3^9\})$	4705719681024
12	$\mathcal{O}(4; \{12, 4^7, 3^3, 2^5\})$	330225942528
12	$\mathcal{O}(4; \{12, 4^7, 3^6, 2\})$	2311581597696
12	$\mathcal{O}(4; \{12, 4^9, 3^3, 2^2\})$	1320903770112
12	$\mathcal{O}(4; \{12, 6, 4, 3, 2^{15}\})$	1719926784
12	$\mathcal{O}(4; \{12, 6, 4, 3^4, 2^{11}\})$	18919194624
12	$\mathcal{O}(4; \{12, 6, 4, 3^7, 2^7\})$	146193776640
12	$\mathcal{O}(4; \{12, 6, 4, 3^{10}, 2^3\})$	1174709993472
12	$\mathcal{O}(4; \{12, 6, 4^3, 3, 2^{12}\})$	6879707136
12	$\mathcal{O}(4; \{12, 6, 4^3, 3^4, 2^8\})$	75676778496
12	$\mathcal{O}(4; \{12, 6, 4^3, 3^7, 2^4\})$	584775106560
12	$\mathcal{O}(4; \{12, 6, 4^3, 3^{10}\})$	4698839973888
12	$\mathcal{O}(4; \{12, 6, 4^5, 3, 2^9\})$	27518828544
12	$\mathcal{O}(4; \{12, 6, 4^5, 3^4, 2^5\})$	302707113984
12	$\mathcal{O}(4; \{12, 6, 4^5, 3^7, 2\})$	2339100426240
12	$\mathcal{O}(4; \{12, 6, 4^7, 3, 2^6\})$	110075314176
12	$\mathcal{O}(4; \{12, 6, 4^7, 3^4, 2^2\})$	1210828455936
12	$\mathcal{O}(4; \{12, 6, 4^9, 3, 2^3\})$	440301256704
12	$\mathcal{O}(4; \{12, 6, 4^{11}, 3\})$	1761205026816
12	$\mathcal{O}(4; \{12, 6^2, 4, 3^2, 2^{12}\})$	8599633920
12	$\mathcal{O}(4; \{12, 6^2, 4, 3^5, 2^8\})$	73956851712
12	$\mathcal{O}(4; \{12, 6^2, 4, 3^8, 2^4\})$	586495033344
12	$\mathcal{O}(4; \{12, 6^2, 4, 3^{11}\})$	4697120047104
12	$\mathcal{O}(4; \{12, 6^2, 4^3, 3^2, 2^9\})$	34398535680
12	$\mathcal{O}(4; \{12, 6^2, 4^3, 3^5, 2^5\})$	295827406848
12	$\mathcal{O}(4; \{12, 6^2, 4^3, 3^8, 2\})$	2345980133376
12	$\mathcal{O}(4; \{12, 6^2, 4^5, 3^2, 2^6\})$	137594142720
12	$\mathcal{O}(4; \{12, 6^2, 4^5, 3^5, 2^2\})$	1183309627392

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12, 6^2, 4^7, 3^2, 2^3\})$	550376570880
12	$\mathcal{O}(4; \{12, 6^2, 4^9, 3^2\})$	2201506283520
12	$\mathcal{O}(4; \{12, 6^3, 4, 2^{13}\})$	5159780352
12	$\mathcal{O}(4; \{12, 6^3, 4, 3^3, 2^9\})$	36118462464
12	$\mathcal{O}(4; \{12, 6^3, 4, 3^6, 2^5\})$	294107480064
12	$\mathcal{O}(4; \{12, 6^3, 4, 3^9, 2\})$	2347700060160
12	$\mathcal{O}(4; \{12, 6^3, 4^3, 2^{10}\})$	20639121408
12	$\mathcal{O}(4; \{12, 6^3, 4^3, 3^3, 2^6\})$	144473849856
12	$\mathcal{O}(4; \{12, 6^3, 4^3, 3^6, 2^2\})$	1176429920256
12	$\mathcal{O}(4; \{12, 6^3, 4^5, 2^7\})$	82556485632
12	$\mathcal{O}(4; \{12, 6^3, 4^5, 3^3, 2^3\})$	577895399424
12	$\mathcal{O}(4; \{12, 6^3, 4^7, 2^4\})$	330225942528
12	$\mathcal{O}(4; \{12, 6^3, 4^7, 3^3\})$	2311581597696
12	$\mathcal{O}(4; \{12, 6^3, 4^9, 2\})$	1320903770112
12	$\mathcal{O}(4; \{12, 6^4, 4, 3, 2^{10}\})$	18919194624
12	$\mathcal{O}(4; \{12, 6^4, 4, 3^4, 2^6\})$	146193776640
12	$\mathcal{O}(4; \{12, 6^4, 4, 3^7, 2^2\})$	1174709993472
12	$\mathcal{O}(4; \{12, 6^4, 4^3, 3, 2^7\})$	75676778496
12	$\mathcal{O}(4; \{12, 6^4, 4^3, 3^4, 2^3\})$	584775106560
12	$\mathcal{O}(4; \{12, 6^4, 4^5, 3, 2^4\})$	302707113984
12	$\mathcal{O}(4; \{12, 6^4, 4^5, 3^4\})$	2339100426240
12	$\mathcal{O}(4; \{12, 6^4, 4^7, 3, 2\})$	1210828455936
12	$\mathcal{O}(4; \{12, 6^5, 4, 3^2, 2^7\})$	73956851712
12	$\mathcal{O}(4; \{12, 6^5, 4, 3^5, 2^3\})$	586495033344
12	$\mathcal{O}(4; \{12, 6^5, 4^3, 3^2, 2^4\})$	295827406848
12	$\mathcal{O}(4; \{12, 6^5, 4^3, 3^5\})$	2345980133376
12	$\mathcal{O}(4; \{12, 6^5, 4^5, 3^2, 2\})$	1183309627392
12	$\mathcal{O}(4; \{12, 6^6, 4, 2^8\})$	36118462464
12	$\mathcal{O}(4; \{12, 6^6, 4, 3^3, 2^4\})$	294107480064
12	$\mathcal{O}(4; \{12, 6^6, 4, 3^6\})$	2347700060160
12	$\mathcal{O}(4; \{12, 6^6, 4^3, 2^5\})$	144473849856
12	$\mathcal{O}(4; \{12, 6^6, 4^3, 3^3, 2\})$	1176429920256
12	$\mathcal{O}(4; \{12, 6^6, 4^5, 2^2\})$	577895399424
12	$\mathcal{O}(4; \{12, 6^7, 4, 3, 2^5\})$	146193776640
12	$\mathcal{O}(4; \{12, 6^7, 4, 3^4, 2\})$	1174709993472
12	$\mathcal{O}(4; \{12, 6^7, 4^3, 3, 2^2\})$	584775106560
12	$\mathcal{O}(4; \{12, 6^8, 4, 3^2, 2^2\})$	586495033344
12	$\mathcal{O}(4; \{12, 6^9, 4, 2^3\})$	294107480064
12	$\mathcal{O}(4; \{12, 6^9, 4^3\})$	1176429920256
12	$\mathcal{O}(4; \{12, 6^{10}, 4, 3\})$	1174709993472
12	$\mathcal{O}(4; \{12^2, 3^2, 2^{15}\})$	5159780352
12	$\mathcal{O}(4; \{12^2, 3^5, 2^{11}\})$	36118462464
12	$\mathcal{O}(4; \{12^2, 3^8, 2^7\})$	294107480064

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^2, 3^{11}, 2^3\})$	2347700060160
12	$\mathcal{O}(4; \{12^2, 4^2, 3^2, 2^{12}\})$	20639121408
12	$\mathcal{O}(4; \{12^2, 4^2, 3^5, 2^8\})$	144473849856
12	$\mathcal{O}(4; \{12^2, 4^2, 3^8, 2^4\})$	1176429920256
12	$\mathcal{O}(4; \{12^2, 4^2, 3^{11}\})$	9390800240640
12	$\mathcal{O}(4; \{12^2, 4^4, 3^2, 2^9\})$	82556485632
12	$\mathcal{O}(4; \{12^2, 4^4, 3^5, 2^5\})$	577895399424
12	$\mathcal{O}(4; \{12^2, 4^4, 3^8, 2\})$	4705719681024
12	$\mathcal{O}(4; \{12^2, 4^6, 3^2, 2^6\})$	330225942528
12	$\mathcal{O}(4; \{12^2, 4^6, 3^5, 2^2\})$	2311581597696
12	$\mathcal{O}(4; \{12^2, 4^8, 3^2, 2^3\})$	1320903770112
12	$\mathcal{O}(4; \{12^2, 4^{10}, 3^2\})$	5283615080448
12	$\mathcal{O}(4; \{12^2, 6, 2^{16}\})$	1719926784
12	$\mathcal{O}(4; \{12^2, 6, 3^3, 2^{12}\})$	18919194624
12	$\mathcal{O}(4; \{12^2, 6, 3^6, 2^8\})$	146193776640
12	$\mathcal{O}(4; \{12^2, 6, 3^9, 2^4\})$	1174709993472
12	$\mathcal{O}(4; \{12^2, 6, 3^{12}\})$	9392520167424
12	$\mathcal{O}(4; \{12^2, 6, 4^2, 2^{13}\})$	6879707136
12	$\mathcal{O}(4; \{12^2, 6, 4^2, 3^3, 2^9\})$	75676778496
12	$\mathcal{O}(4; \{12^2, 6, 4^2, 3^6, 2^5\})$	584775106560
12	$\mathcal{O}(4; \{12^2, 6, 4^2, 3^9, 2\})$	4698839973888
12	$\mathcal{O}(4; \{12^2, 6, 4^4, 2^{10}\})$	27518828544
12	$\mathcal{O}(4; \{12^2, 6, 4^4, 3^3, 2^6\})$	302707113984
12	$\mathcal{O}(4; \{12^2, 6, 4^4, 3^6, 2^2\})$	2339100426240
12	$\mathcal{O}(4; \{12^2, 6, 4^6, 2^7\})$	110075314176
12	$\mathcal{O}(4; \{12^2, 6, 4^6, 3^3, 2^3\})$	1210828455936
12	$\mathcal{O}(4; \{12^2, 6, 4^8, 2^4\})$	440301256704
12	$\mathcal{O}(4; \{12^2, 6, 4^8, 3^3\})$	4843313823744
12	$\mathcal{O}(4; \{12^2, 6, 4^{10}, 2\})$	1761205026816
12	$\mathcal{O}(4; \{12^2, 6^2, 3, 2^{13}\})$	8599633920
12	$\mathcal{O}(4; \{12^2, 6^2, 3^4, 2^9\})$	73956851712
12	$\mathcal{O}(4; \{12^2, 6^2, 3^7, 2^5\})$	586495033344
12	$\mathcal{O}(4; \{12^2, 6^2, 3^{10}, 2\})$	4697120047104
12	$\mathcal{O}(4; \{12^2, 6^2, 4^2, 3, 2^{10}\})$	34398535680
12	$\mathcal{O}(4; \{12^2, 6^2, 4^2, 3^4, 2^6\})$	295827406848
12	$\mathcal{O}(4; \{12^2, 6^2, 4^2, 3^7, 2^2\})$	2345980133376
12	$\mathcal{O}(4; \{12^2, 6^2, 4^4, 3, 2^7\})$	137594142720
12	$\mathcal{O}(4; \{12^2, 6^2, 4^4, 3^4, 2^3\})$	1183309627392
12	$\mathcal{O}(4; \{12^2, 6^2, 4^6, 3, 2^4\})$	550376570880
12	$\mathcal{O}(4; \{12^2, 6^2, 4^6, 3^4\})$	4733238509568
12	$\mathcal{O}(4; \{12^2, 6^2, 4^8, 3, 2\})$	2201506283520
12	$\mathcal{O}(4; \{12^2, 6^3, 3^2, 2^{10}\})$	36118462464
12	$\mathcal{O}(4; \{12^2, 6^3, 3^5, 2^6\})$	294107480064

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^2, 6^3, 3^8, 2^2\})$	2347700060160
12	$\mathcal{O}(4; \{12^2, 6^3, 4^2, 3^2, 2^7\})$	144473849856
12	$\mathcal{O}(4; \{12^2, 6^3, 4^2, 3^5, 2^3\})$	1176429920256
12	$\mathcal{O}(4; \{12^2, 6^3, 4^4, 3^2, 2^4\})$	577895399424
12	$\mathcal{O}(4; \{12^2, 6^3, 4^4, 3^5\})$	4705719681024
12	$\mathcal{O}(4; \{12^2, 6^3, 4^6, 3^2, 2\})$	2311581597696
12	$\mathcal{O}(4; \{12^2, 6^4, 2^{11}\})$	18919194624
12	$\mathcal{O}(4; \{12^2, 6^4, 3^3, 2^7\})$	146193776640
12	$\mathcal{O}(4; \{12^2, 6^4, 3^6, 2^3\})$	1174709993472
12	$\mathcal{O}(4; \{12^2, 6^4, 4^2, 2^8\})$	75676778496
12	$\mathcal{O}(4; \{12^2, 6^4, 4^2, 3^3, 2^4\})$	584775106560
12	$\mathcal{O}(4; \{12^2, 6^4, 4^2, 3^6\})$	4698839973888
12	$\mathcal{O}(4; \{12^2, 6^4, 4^4, 2^5\})$	302707113984
12	$\mathcal{O}(4; \{12^2, 6^4, 4^4, 3^3, 2\})$	2339100426240
12	$\mathcal{O}(4; \{12^2, 6^4, 4^6, 2^2\})$	1210828455936
12	$\mathcal{O}(4; \{12^2, 6^5, 3, 2^8\})$	73956851712
12	$\mathcal{O}(4; \{12^2, 6^5, 3^4, 2^4\})$	586495033344
12	$\mathcal{O}(4; \{12^2, 6^5, 3^7\})$	4697120047104
12	$\mathcal{O}(4; \{12^2, 6^5, 4^2, 3, 2^5\})$	295827406848
12	$\mathcal{O}(4; \{12^2, 6^5, 4^2, 3^4, 2\})$	2345980133376
12	$\mathcal{O}(4; \{12^2, 6^5, 4^4, 3, 2^2\})$	1183309627392
12	$\mathcal{O}(4; \{12^2, 6^6, 3^2, 2^5\})$	294107480064
12	$\mathcal{O}(4; \{12^2, 6^6, 3^5, 2\})$	2347700060160
12	$\mathcal{O}(4; \{12^2, 6^6, 4^2, 3^2, 2^2\})$	1176429920256
12	$\mathcal{O}(4; \{12^2, 6^7, 2^6\})$	146193776640
12	$\mathcal{O}(4; \{12^2, 6^7, 3^3, 2^2\})$	1174709993472
12	$\mathcal{O}(4; \{12^2, 6^7, 4^2, 2^3\})$	584775106560
12	$\mathcal{O}(4; \{12^2, 6^7, 4^4\})$	2339100426240
12	$\mathcal{O}(4; \{12^2, 6^8, 3, 2^3\})$	586495033344
12	$\mathcal{O}(4; \{12^2, 6^8, 4^2, 3\})$	2345980133376
12	$\mathcal{O}(4; \{12^2, 6^9, 3^2\})$	2347700060160
12	$\mathcal{O}(4; \{12^2, 6^{10}, 2\})$	1174709993472
12	$\mathcal{O}(4; \{12^3, 4, 3, 2^{13}\})$	20639121408
12	$\mathcal{O}(4; \{12^3, 4, 3^4, 2^9\})$	144473849856
12	$\mathcal{O}(4; \{12^3, 4, 3^7, 2^5\})$	1176429920256
12	$\mathcal{O}(4; \{12^3, 4, 3^{10}, 2\})$	9390800240640
12	$\mathcal{O}(4; \{12^3, 4^3, 3, 2^{10}\})$	82556485632
12	$\mathcal{O}(4; \{12^3, 4^3, 3^4, 2^6\})$	577895399424
12	$\mathcal{O}(4; \{12^3, 4^3, 3^7, 2^2\})$	4705719681024
12	$\mathcal{O}(4; \{12^3, 4^5, 3, 2^7\})$	330225942528
12	$\mathcal{O}(4; \{12^3, 4^5, 3^4, 2^3\})$	2311581597696
12	$\mathcal{O}(4; \{12^3, 4^7, 3, 2^4\})$	1320903770112
12	$\mathcal{O}(4; \{12^3, 4^7, 3^4\})$	9246326390784

Continued on next page

Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^3, 4^9, 3, 2\})$	5283615080448
12	$\mathcal{O}(4; \{12^3, 6, 4, 3^2, 2^{10}\})$	75676778496
12	$\mathcal{O}(4; \{12^3, 6, 4, 3^5, 2^6\})$	584775106560
12	$\mathcal{O}(4; \{12^3, 6, 4, 3^8, 2^2\})$	4698839973888
12	$\mathcal{O}(4; \{12^3, 6, 4^3, 3^2, 2^7\})$	302707113984
12	$\mathcal{O}(4; \{12^3, 6, 4^3, 3^5, 2^3\})$	2339100426240
12	$\mathcal{O}(4; \{12^3, 6, 4^5, 3^2, 2^4\})$	1210828455936
12	$\mathcal{O}(4; \{12^3, 6, 4^5, 3^5\})$	9356401704960
12	$\mathcal{O}(4; \{12^3, 6, 4^7, 3^2, 2\})$	4843313823744
12	$\mathcal{O}(4; \{12^3, 6^2, 4, 2^{11}\})$	34398535680
12	$\mathcal{O}(4; \{12^3, 6^2, 4, 3^3, 2^7\})$	295827406848
12	$\mathcal{O}(4; \{12^3, 6^2, 4, 3^6, 2^3\})$	2345980133376
12	$\mathcal{O}(4; \{12^3, 6^2, 4^3, 2^8\})$	137594142720
12	$\mathcal{O}(4; \{12^3, 6^2, 4^3, 3^3, 2^4\})$	1183309627392
12	$\mathcal{O}(4; \{12^3, 6^2, 4^3, 3^6\})$	9383920533504
12	$\mathcal{O}(4; \{12^3, 6^2, 4^5, 2^5\})$	550376570880
12	$\mathcal{O}(4; \{12^3, 6^2, 4^5, 3^3, 2\})$	4733238509568
12	$\mathcal{O}(4; \{12^3, 6^2, 4^7, 2^2\})$	2201506283520
12	$\mathcal{O}(4; \{12^3, 6^3, 4, 3, 2^8\})$	144473849856
12	$\mathcal{O}(4; \{12^3, 6^3, 4, 3^4, 2^4\})$	1176429920256
12	$\mathcal{O}(4; \{12^3, 6^3, 4, 3^7\})$	9390800240640
12	$\mathcal{O}(4; \{12^3, 6^3, 4^3, 3, 2^5\})$	577895399424
12	$\mathcal{O}(4; \{12^3, 6^3, 4^3, 3^4, 2\})$	4705719681024
12	$\mathcal{O}(4; \{12^3, 6^3, 4^5, 3, 2^2\})$	2311581597696
12	$\mathcal{O}(4; \{12^3, 6^4, 4, 3^2, 2^5\})$	584775106560
12	$\mathcal{O}(4; \{12^3, 6^4, 4, 3^5, 2\})$	4698839973888
12	$\mathcal{O}(4; \{12^3, 6^4, 4^3, 3^2, 2^2\})$	2339100426240
12	$\mathcal{O}(4; \{12^3, 6^5, 4, 2^6\})$	295827406848
12	$\mathcal{O}(4; \{12^3, 6^5, 4, 3^3, 2^2\})$	2345980133376
12	$\mathcal{O}(4; \{12^3, 6^5, 4^3, 2^3\})$	1183309627392
12	$\mathcal{O}(4; \{12^3, 6^5, 4^5\})$	4733238509568
12	$\mathcal{O}(4; \{12^3, 6^6, 4, 3, 2^3\})$	1176429920256
12	$\mathcal{O}(4; \{12^3, 6^6, 4^3, 3\})$	4705719681024
12	$\mathcal{O}(4; \{12^3, 6^7, 4, 3^2\})$	4698839973888
12	$\mathcal{O}(4; \{12^3, 6^8, 4, 2\})$	2345980133376
12	$\mathcal{O}(4; \{12^4, 2^{14}\})$	20639121408
12	$\mathcal{O}(4; \{12^4, 3^3, 2^{10}\})$	144473849856
12	$\mathcal{O}(4; \{12^4, 3^6, 2^6\})$	1176429920256
12	$\mathcal{O}(4; \{12^4, 3^9, 2^2\})$	9390800240640
12	$\mathcal{O}(4; \{12^4, 4^2, 2^{11}\})$	82556485632
12	$\mathcal{O}(4; \{12^4, 4^2, 3^3, 2^7\})$	577895399424
12	$\mathcal{O}(4; \{12^4, 4^2, 3^6, 2^3\})$	4705719681024
12	$\mathcal{O}(4; \{12^4, 4^4, 2^8\})$	330225942528

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^4, 4^4, 3^3, 2^4\})$	2311581597696
12	$\mathcal{O}(4; \{12^4, 4^4, 3^6\})$	18822878724096
12	$\mathcal{O}(4; \{12^4, 4^6, 2^5\})$	1320903770112
12	$\mathcal{O}(4; \{12^4, 4^6, 3^3, 2\})$	9246326390784
12	$\mathcal{O}(4; \{12^4, 4^8, 2^2\})$	5283615080448
12	$\mathcal{O}(4; \{12^4, 6, 3, 2^{11}\})$	75676778496
12	$\mathcal{O}(4; \{12^4, 6, 3^4, 2^7\})$	584775106560
12	$\mathcal{O}(4; \{12^4, 6, 3^7, 2^3\})$	4698839973888
12	$\mathcal{O}(4; \{12^4, 6, 4^2, 3, 2^8\})$	302707113984
12	$\mathcal{O}(4; \{12^4, 6, 4^2, 3^4, 2^4\})$	2339100426240
12	$\mathcal{O}(4; \{12^4, 6, 4^2, 3^7\})$	18795359895552
12	$\mathcal{O}(4; \{12^4, 6, 4^4, 3, 2^5\})$	1210828455936
12	$\mathcal{O}(4; \{12^4, 6, 4^4, 3^4, 2\})$	9356401704960
12	$\mathcal{O}(4; \{12^4, 6, 4^6, 3, 2^2\})$	4843313823744
12	$\mathcal{O}(4; \{12^4, 6^2, 3^2, 2^8\})$	295827406848
12	$\mathcal{O}(4; \{12^4, 6^2, 3^5, 2^4\})$	2345980133376
12	$\mathcal{O}(4; \{12^4, 6^2, 3^8\})$	18788480188416
12	$\mathcal{O}(4; \{12^4, 6^2, 4^2, 3^2, 2^5\})$	1183309627392
12	$\mathcal{O}(4; \{12^4, 6^2, 4^2, 3^5, 2\})$	9383920533504
12	$\mathcal{O}(4; \{12^4, 6^2, 4^4, 3^2, 2^2\})$	4733238509568
12	$\mathcal{O}(4; \{12^4, 6^3, 2^9\})$	144473849856
12	$\mathcal{O}(4; \{12^4, 6^3, 3^3, 2^5\})$	1176429920256
12	$\mathcal{O}(4; \{12^4, 6^3, 3^6, 2\})$	9390800240640
12	$\mathcal{O}(4; \{12^4, 6^3, 4^2, 2^6\})$	577895399424
12	$\mathcal{O}(4; \{12^4, 6^3, 4^2, 3^3, 2^2\})$	4705719681024
12	$\mathcal{O}(4; \{12^4, 6^3, 4^4, 2^3\})$	2311581597696
12	$\mathcal{O}(4; \{12^4, 6^3, 4^6\})$	9246326390784
12	$\mathcal{O}(4; \{12^4, 6^4, 3, 2^6\})$	584775106560
12	$\mathcal{O}(4; \{12^4, 6^4, 3^4, 2^2\})$	4698839973888
12	$\mathcal{O}(4; \{12^4, 6^4, 4^2, 3, 2^3\})$	2339100426240
12	$\mathcal{O}(4; \{12^4, 6^4, 4^4, 3\})$	9356401704960
12	$\mathcal{O}(4; \{12^4, 6^5, 3^2, 2^3\})$	2345980133376
12	$\mathcal{O}(4; \{12^4, 6^5, 4^2, 3^2\})$	9383920533504
12	$\mathcal{O}(4; \{12^4, 6^6, 2^4\})$	1176429920256
12	$\mathcal{O}(4; \{12^4, 6^6, 3^3\})$	9390800240640
12	$\mathcal{O}(4; \{12^4, 6^6, 4^2, 2\})$	4705719681024
12	$\mathcal{O}(4; \{12^4, 6^7, 3, 2\})$	4698839973888
12	$\mathcal{O}(4; \{12^5, 4, 3^2, 2^8\})$	577895399424
12	$\mathcal{O}(4; \{12^5, 4, 3^5, 2^4\})$	4705719681024
12	$\mathcal{O}(4; \{12^5, 4, 3^8\})$	37563200962560
12	$\mathcal{O}(4; \{12^5, 4^3, 3^2, 2^5\})$	2311581597696
12	$\mathcal{O}(4; \{12^5, 4^3, 3^5, 2\})$	18822878724096
12	$\mathcal{O}(4; \{12^5, 4^5, 3^2, 2^2\})$	9246326390784

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^5, 6, 4, 2^9\})$	302707113984
12	$\mathcal{O}(4; \{12^5, 6, 4, 3^3, 2^5\})$	2339100426240
12	$\mathcal{O}(4; \{12^5, 6, 4, 3^6, 2\})$	18795359895552
12	$\mathcal{O}(4; \{12^5, 6, 4^3, 2^6\})$	1210828455936
12	$\mathcal{O}(4; \{12^5, 6, 4^3, 3^3, 2^2\})$	9356401704960
12	$\mathcal{O}(4; \{12^5, 6, 4^5, 2^3\})$	4843313823744
12	$\mathcal{O}(4; \{12^5, 6, 4^7\})$	19373255294976
12	$\mathcal{O}(4; \{12^5, 6^2, 4, 3, 2^6\})$	1183309627392
12	$\mathcal{O}(4; \{12^5, 6^2, 4, 3^4, 2^2\})$	9383920533504
12	$\mathcal{O}(4; \{12^5, 6^2, 4^3, 3, 2^3\})$	4733238509568
12	$\mathcal{O}(4; \{12^5, 6^2, 4^5, 3\})$	18932954038272
12	$\mathcal{O}(4; \{12^5, 6^3, 4, 3^2, 2^3\})$	4705719681024
12	$\mathcal{O}(4; \{12^5, 6^3, 4^3, 3^2\})$	18822878724096
12	$\mathcal{O}(4; \{12^5, 6^4, 4, 2^4\})$	2339100426240
12	$\mathcal{O}(4; \{12^5, 6^4, 4, 3^3\})$	18795359895552
12	$\mathcal{O}(4; \{12^5, 6^4, 4^3, 2\})$	9356401704960
12	$\mathcal{O}(4; \{12^5, 6^5, 4, 3, 2\})$	9383920533504
12	$\mathcal{O}(4; \{12^6, 3, 2^9\})$	577895399424
12	$\mathcal{O}(4; \{12^6, 3^4, 2^5\})$	4705719681024
12	$\mathcal{O}(4; \{12^6, 3^7, 2\})$	37563200962560
12	$\mathcal{O}(4; \{12^6, 4^2, 3, 2^6\})$	2311581597696
12	$\mathcal{O}(4; \{12^6, 4^2, 3^4, 2^2\})$	18822878724096
12	$\mathcal{O}(4; \{12^6, 4^4, 3, 2^3\})$	9246326390784
12	$\mathcal{O}(4; \{12^6, 4^6, 3\})$	36985305563136
12	$\mathcal{O}(4; \{12^6, 6, 3^2, 2^6\})$	2339100426240
12	$\mathcal{O}(4; \{12^6, 6, 3^5, 2^2\})$	18795359895552
12	$\mathcal{O}(4; \{12^6, 6, 4^2, 3^2, 2^3\})$	9356401704960
12	$\mathcal{O}(4; \{12^6, 6, 4^4, 3^2\})$	37425606819840
12	$\mathcal{O}(4; \{12^6, 6^2, 2^7\})$	1183309627392
12	$\mathcal{O}(4; \{12^6, 6^2, 3^3, 2^3\})$	9383920533504
12	$\mathcal{O}(4; \{12^6, 6^2, 4^2, 2^4\})$	4733238509568
12	$\mathcal{O}(4; \{12^6, 6^2, 4^2, 3^3\})$	37535682134016
12	$\mathcal{O}(4; \{12^6, 6^2, 4^4, 2\})$	18932954038272
12	$\mathcal{O}(4; \{12^6, 6^3, 3, 2^4\})$	4705719681024
12	$\mathcal{O}(4; \{12^6, 6^3, 3^4\})$	37563200962560
12	$\mathcal{O}(4; \{12^6, 6^3, 4^2, 3, 2\})$	18822878724096
12	$\mathcal{O}(4; \{12^6, 6^4, 3^2, 2\})$	18795359895552
12	$\mathcal{O}(4; \{12^6, 6^5, 2^2\})$	9383920533504
12	$\mathcal{O}(4; \{12^7, 4, 2^7\})$	2311581597696
12	$\mathcal{O}(4; \{12^7, 4, 3^3, 2^3\})$	18822878724096
12	$\mathcal{O}(4; \{12^7, 4^3, 2^4\})$	9246326390784
12	$\mathcal{O}(4; \{12^7, 4^3, 3^3\})$	75291514896384
12	$\mathcal{O}(4; \{12^7, 4^5, 2\})$	36985305563136

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(4; \{12^7, 6, 4, 3, 2^4\})$	9356401704960
12	$\mathcal{O}(4; \{12^7, 6, 4, 3^4\})$	75181439582208
12	$\mathcal{O}(4; \{12^7, 6, 4^3, 3, 2\})$	37425606819840
12	$\mathcal{O}(4; \{12^7, 6^2, 4, 3^2, 2\})$	37535682134016
12	$\mathcal{O}(4; \{12^7, 6^3, 4, 2^2\})$	18822878724096
12	$\mathcal{O}(4; \{12^8, 3^2, 2^4\})$	18822878724096
12	$\mathcal{O}(4; \{12^8, 3^5\})$	150252803850240
12	$\mathcal{O}(4; \{12^8, 4^2, 3^2, 2\})$	75291514896384
12	$\mathcal{O}(4; \{12^8, 6, 2^5\})$	9356401704960
12	$\mathcal{O}(4; \{12^8, 6, 3^3, 2\})$	75181439582208
12	$\mathcal{O}(4; \{12^8, 6, 4^2, 2^2\})$	37425606819840
12	$\mathcal{O}(4; \{12^8, 6^2, 3, 2^2\})$	37535682134016
12	$\mathcal{O}(4; \{12^8, 6^4\})$	75181439582208
12	$\mathcal{O}(4; \{12^9, 4, 3, 2^2\})$	75291514896384
12	$\mathcal{O}(4; \{12^9, 6^2, 4\})$	150142728536064
12	$\mathcal{O}(4; \{12^{10}, 2^3\})$	75291514896384
12	$\mathcal{O}(4; \{12^{10}, 4^2\})$	301166059585536
12	$\mathcal{O}(4; \{12^{10}, 6, 3\})$	300725758328832
12	$\mathcal{O}(3; \{3^4, 2^{20}\})$	17635968
12	$\mathcal{O}(3; \{3^7, 2^{16}\})$	123451776
12	$\mathcal{O}(3; \{3^{10}, 2^{12}\})$	1005250176
12	$\mathcal{O}(3; \{3^{13}, 2^8\})$	8024365440
12	$\mathcal{O}(3; \{3^{16}, 2^4\})$	64212559488
12	$\mathcal{O}(3; \{3^{19}\})$	513682839936
12	$\mathcal{O}(3; \{4^2, 3^4, 2^{17}\})$	35831808
12	$\mathcal{O}(3; \{4^2, 3^7, 2^{13}\})$	250822656
12	$\mathcal{O}(3; \{4^2, 3^{10}, 2^9\})$	2042413056
12	$\mathcal{O}(3; \{4^2, 3^{13}, 2^5\})$	16303472640
12	$\mathcal{O}(3; \{4^2, 3^{16}, 2\})$	130463612928
12	$\mathcal{O}(3; \{4^4, 3^4, 2^{14}\})$	143327232
12	$\mathcal{O}(3; \{4^4, 3^7, 2^{10}\})$	1003290624
12	$\mathcal{O}(3; \{4^4, 3^{10}, 2^6\})$	8169652224
12	$\mathcal{O}(3; \{4^4, 3^{13}, 2^2\})$	65213890560
12	$\mathcal{O}(3; \{4^6, 3^4, 2^{11}\})$	573308928
12	$\mathcal{O}(3; \{4^6, 3^7, 2^7\})$	4013162496
12	$\mathcal{O}(3; \{4^6, 3^{10}, 2^3\})$	32678608896
12	$\mathcal{O}(3; \{4^8, 3^4, 2^8\})$	2293235712
12	$\mathcal{O}(3; \{4^8, 3^7, 2^4\})$	16052649984
12	$\mathcal{O}(3; \{4^8, 3^{10}\})$	130714435584
12	$\mathcal{O}(3; \{4^{10}, 3^4, 2^5\})$	9172942848
12	$\mathcal{O}(3; \{4^{10}, 3^7, 2\})$	64210599936
12	$\mathcal{O}(3; \{4^{12}, 3^4, 2^2\})$	36691771392
12	$\mathcal{O}(3; \{6, 3^2, 2^{21}\})$	5878656

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{6, 3^5, 2^{17}\})$	64665216
12	$\mathcal{O}(3; \{6, 3^8, 2^{13}\})$	499685760
12	$\mathcal{O}(3; \{6, 3^{11}, 2^9\})$	4015122048
12	$\mathcal{O}(3; \{6, 3^{14}, 2^5\})$	32103340416
12	$\mathcal{O}(3; \{6, 3^{17}, 2\})$	256844359296
12	$\mathcal{O}(3; \{6, 4^2, 3^2, 2^{18}\})$	11943936
12	$\mathcal{O}(3; \{6, 4^2, 3^5, 2^{14}\})$	131383296
12	$\mathcal{O}(3; \{6, 4^2, 3^8, 2^{10}\})$	1015234560
12	$\mathcal{O}(3; \{6, 4^2, 3^{11}, 2^6\})$	8157708288
12	$\mathcal{O}(3; \{6, 4^2, 3^{14}, 2^2\})$	65225834496
12	$\mathcal{O}(3; \{6, 4^4, 3^2, 2^{15}\})$	47775744
12	$\mathcal{O}(3; \{6, 4^4, 3^5, 2^{11}\})$	525533184
12	$\mathcal{O}(3; \{6, 4^4, 3^8, 2^7\})$	4060938240
12	$\mathcal{O}(3; \{6, 4^4, 3^{11}, 2^3\})$	32630833152
12	$\mathcal{O}(3; \{6, 4^6, 3^2, 2^{12}\})$	191102976
12	$\mathcal{O}(3; \{6, 4^6, 3^5, 2^8\})$	2102132736
12	$\mathcal{O}(3; \{6, 4^6, 3^8, 2^4\})$	16243752960
12	$\mathcal{O}(3; \{6, 4^6, 3^{11}\})$	130523332608
12	$\mathcal{O}(3; \{6, 4^8, 3^2, 2^9\})$	764411904
12	$\mathcal{O}(3; \{6, 4^8, 3^5, 2^5\})$	8408530944
12	$\mathcal{O}(3; \{6, 4^8, 3^8, 2\})$	64975011840
12	$\mathcal{O}(3; \{6, 4^{10}, 3^2, 2^6\})$	3057647616
12	$\mathcal{O}(3; \{6, 4^{10}, 3^5, 2^2\})$	33634123776
12	$\mathcal{O}(3; \{6, 4^{12}, 3^2, 2^3\})$	12230590464
12	$\mathcal{O}(3; \{6, 4^{14}, 3^2\})$	48922361856
12	$\mathcal{O}(3; \{6^2, 2^{22}\})$	5878656
12	$\mathcal{O}(3; \{6^2, 3^3, 2^{18}\})$	29393280
12	$\mathcal{O}(3; \{6^2, 3^6, 2^{14}\})$	252782208
12	$\mathcal{O}(3; \{6^2, 3^9, 2^{10}\})$	2004621696
12	$\mathcal{O}(3; \{6^2, 3^{12}, 2^6\})$	16054609536
12	$\mathcal{O}(3; \{6^2, 3^{15}, 2^2\})$	128419240320
12	$\mathcal{O}(3; \{6^2, 4^2, 2^{19}\})$	11943936
12	$\mathcal{O}(3; \{6^2, 4^2, 3^3, 2^{15}\})$	59719680
12	$\mathcal{O}(3; \{6^2, 4^2, 3^6, 2^{11}\})$	513589248
12	$\mathcal{O}(3; \{6^2, 4^2, 3^9, 2^7\})$	4072882176
12	$\mathcal{O}(3; \{6^2, 4^2, 3^{12}, 2^3\})$	32618889216
12	$\mathcal{O}(3; \{6^2, 4^4, 2^{16}\})$	47775744
12	$\mathcal{O}(3; \{6^2, 4^4, 3^3, 2^{12}\})$	238878720
12	$\mathcal{O}(3; \{6^2, 4^4, 3^6, 2^8\})$	2054356992
12	$\mathcal{O}(3; \{6^2, 4^4, 3^9, 2^4\})$	16291528704
12	$\mathcal{O}(3; \{6^2, 4^4, 3^{12}\})$	130475556864
12	$\mathcal{O}(3; \{6^2, 4^6, 2^{13}\})$	191102976
12	$\mathcal{O}(3; \{6^2, 4^6, 3^3, 2^9\})$	955514880

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{6^2, 4^6, 3^6, 2^5\})$	8217427968
12	$\mathcal{O}(3; \{6^2, 4^6, 3^9, 2\})$	65166114816
12	$\mathcal{O}(3; \{6^2, 4^8, 2^{10}\})$	764411904
12	$\mathcal{O}(3; \{6^2, 4^8, 3^3, 2^6\})$	3822059520
12	$\mathcal{O}(3; \{6^2, 4^8, 3^6, 2^2\})$	32869711872
12	$\mathcal{O}(3; \{6^2, 4^{10}, 2^7\})$	3057647616
12	$\mathcal{O}(3; \{6^2, 4^{10}, 3^3, 2^3\})$	15288238080
12	$\mathcal{O}(3; \{6^2, 4^{12}, 2^4\})$	12230590464
12	$\mathcal{O}(3; \{6^2, 4^{12}, 3^3\})$	61152952320
12	$\mathcal{O}(3; \{6^2, 4^{14}, 2\})$	48922361856
12	$\mathcal{O}(3; \{6^3, 3, 2^{19}\})$	17635968
12	$\mathcal{O}(3; \{6^3, 3^4, 2^{15}\})$	123451776
12	$\mathcal{O}(3; \{6^3, 3^7, 2^{11}\})$	1005250176
12	$\mathcal{O}(3; \{6^3, 3^{10}, 2^7\})$	8024365440
12	$\mathcal{O}(3; \{6^3, 3^{13}, 2^3\})$	64212559488
12	$\mathcal{O}(3; \{6^3, 4^2, 3, 2^{16}\})$	35831808
12	$\mathcal{O}(3; \{6^3, 4^2, 3^4, 2^{12}\})$	250822656
12	$\mathcal{O}(3; \{6^3, 4^2, 3^7, 2^8\})$	2042413056
12	$\mathcal{O}(3; \{6^3, 4^2, 3^{10}, 2^4\})$	16303472640
12	$\mathcal{O}(3; \{6^3, 4^2, 3^{13}\})$	130463612928
12	$\mathcal{O}(3; \{6^3, 4^4, 3, 2^{13}\})$	143327232
12	$\mathcal{O}(3; \{6^3, 4^4, 3^4, 2^9\})$	1003290624
12	$\mathcal{O}(3; \{6^3, 4^4, 3^7, 2^5\})$	8169652224
12	$\mathcal{O}(3; \{6^3, 4^4, 3^{10}, 2\})$	65213890560
12	$\mathcal{O}(3; \{6^3, 4^6, 3, 2^{10}\})$	573308928
12	$\mathcal{O}(3; \{6^3, 4^6, 3^4, 2^6\})$	4013162496
12	$\mathcal{O}(3; \{6^3, 4^6, 3^7, 2^2\})$	32678608896
12	$\mathcal{O}(3; \{6^3, 4^8, 3, 2^7\})$	2293235712
12	$\mathcal{O}(3; \{6^3, 4^8, 3^4, 2^3\})$	16052649984
12	$\mathcal{O}(3; \{6^3, 4^{10}, 3, 2^4\})$	9172942848
12	$\mathcal{O}(3; \{6^3, 4^{10}, 3^4\})$	64210599936
12	$\mathcal{O}(3; \{6^3, 4^{12}, 3, 2\})$	36691771392
12	$\mathcal{O}(3; \{6^4, 3^2, 2^{16}\})$	64665216
12	$\mathcal{O}(3; \{6^4, 3^5, 2^{12}\})$	499685760
12	$\mathcal{O}(3; \{6^4, 3^8, 2^8\})$	4015122048
12	$\mathcal{O}(3; \{6^4, 3^{11}, 2^4\})$	32103340416
12	$\mathcal{O}(3; \{6^4, 3^{14}\})$	256844359296
12	$\mathcal{O}(3; \{6^4, 4^2, 3^2, 2^{13}\})$	131383296
12	$\mathcal{O}(3; \{6^4, 4^2, 3^5, 2^9\})$	1015234560
12	$\mathcal{O}(3; \{6^4, 4^2, 3^8, 2^5\})$	8157708288
12	$\mathcal{O}(3; \{6^4, 4^2, 3^{11}, 2\})$	65225834496
12	$\mathcal{O}(3; \{6^4, 4^4, 3^2, 2^{10}\})$	525533184
12	$\mathcal{O}(3; \{6^4, 4^4, 3^5, 2^6\})$	4060938240

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{6^4, 4^4, 3^8, 2^2\})$	32630833152
12	$\mathcal{O}(3; \{6^4, 4^6, 3^2, 2^7\})$	2102132736
12	$\mathcal{O}(3; \{6^4, 4^6, 3^5, 2^3\})$	16243752960
12	$\mathcal{O}(3; \{6^4, 4^8, 3^2, 2^4\})$	8408530944
12	$\mathcal{O}(3; \{6^4, 4^8, 3^5\})$	64975011840
12	$\mathcal{O}(3; \{6^4, 4^{10}, 3^2, 2\})$	33634123776
12	$\mathcal{O}(3; \{6^5, 2^{17}\})$	29393280
12	$\mathcal{O}(3; \{6^5, 3^3, 2^{13}\})$	252782208
12	$\mathcal{O}(3; \{6^5, 3^6, 2^9\})$	2004621696
12	$\mathcal{O}(3; \{6^5, 3^9, 2^5\})$	16054609536
12	$\mathcal{O}(3; \{6^5, 3^{12}, 2\})$	128419240320
12	$\mathcal{O}(3; \{6^5, 4^2, 2^{14}\})$	59719680
12	$\mathcal{O}(3; \{6^5, 4^2, 3^3, 2^{10}\})$	513589248
12	$\mathcal{O}(3; \{6^5, 4^2, 3^6, 2^6\})$	4072882176
12	$\mathcal{O}(3; \{6^5, 4^2, 3^9, 2^2\})$	32618889216
12	$\mathcal{O}(3; \{6^5, 4^4, 2^{11}\})$	238878720
12	$\mathcal{O}(3; \{6^5, 4^4, 3^3, 2^7\})$	2054356992
12	$\mathcal{O}(3; \{6^5, 4^4, 3^6, 2^3\})$	16291528704
12	$\mathcal{O}(3; \{6^5, 4^6, 2^8\})$	955514880
12	$\mathcal{O}(3; \{6^5, 4^6, 3^3, 2^4\})$	8217427968
12	$\mathcal{O}(3; \{6^5, 4^6, 3^6\})$	65166114816
12	$\mathcal{O}(3; \{6^5, 4^8, 2^5\})$	3822059520
12	$\mathcal{O}(3; \{6^5, 4^8, 3^3, 2\})$	32869711872
12	$\mathcal{O}(3; \{6^5, 4^{10}, 2^2\})$	15288238080
12	$\mathcal{O}(3; \{6^6, 3, 2^{14}\})$	123451776
12	$\mathcal{O}(3; \{6^6, 3^4, 2^{10}\})$	1005250176
12	$\mathcal{O}(3; \{6^6, 3^7, 2^6\})$	8024365440
12	$\mathcal{O}(3; \{6^6, 3^{10}, 2^2\})$	64212559488
12	$\mathcal{O}(3; \{6^6, 4^2, 3, 2^{11}\})$	250822656
12	$\mathcal{O}(3; \{6^6, 4^2, 3^4, 2^7\})$	2042413056
12	$\mathcal{O}(3; \{6^6, 4^2, 3^7, 2^3\})$	16303472640
12	$\mathcal{O}(3; \{6^6, 4^4, 3, 2^8\})$	1003290624
12	$\mathcal{O}(3; \{6^6, 4^4, 3^4, 2^4\})$	8169652224
12	$\mathcal{O}(3; \{6^6, 4^4, 3^7\})$	65213890560
12	$\mathcal{O}(3; \{6^6, 4^6, 3, 2^5\})$	4013162496
12	$\mathcal{O}(3; \{6^6, 4^6, 3^4, 2\})$	32678608896
12	$\mathcal{O}(3; \{6^6, 4^8, 3, 2^2\})$	16052649984
12	$\mathcal{O}(3; \{6^7, 3^2, 2^{11}\})$	499685760
12	$\mathcal{O}(3; \{6^7, 3^5, 2^7\})$	4015122048
12	$\mathcal{O}(3; \{6^7, 3^8, 2^3\})$	32103340416
12	$\mathcal{O}(3; \{6^7, 4^2, 3^2, 2^8\})$	1015234560
12	$\mathcal{O}(3; \{6^7, 4^2, 3^5, 2^4\})$	8157708288
12	$\mathcal{O}(3; \{6^7, 4^2, 3^8\})$	65225834496

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{6^7, 4^4, 3^2, 2^5\})$	4060938240
12	$\mathcal{O}(3; \{6^7, 4^4, 3^5, 2\})$	32630833152
12	$\mathcal{O}(3; \{6^7, 4^6, 3^2, 2^2\})$	16243752960
12	$\mathcal{O}(3; \{6^8, 2^{12}\})$	252782208
12	$\mathcal{O}(3; \{6^8, 3^3, 2^8\})$	2004621696
12	$\mathcal{O}(3; \{6^8, 3^6, 2^4\})$	16054609536
12	$\mathcal{O}(3; \{6^8, 3^9\})$	128419240320
12	$\mathcal{O}(3; \{6^8, 4^2, 2^9\})$	513589248
12	$\mathcal{O}(3; \{6^8, 4^2, 3^3, 2^5\})$	4072882176
12	$\mathcal{O}(3; \{6^8, 4^2, 3^6, 2\})$	32618889216
12	$\mathcal{O}(3; \{6^8, 4^4, 2^6\})$	2054356992
12	$\mathcal{O}(3; \{6^8, 4^4, 3^3, 2^2\})$	16291528704
12	$\mathcal{O}(3; \{6^8, 4^6, 2^3\})$	8217427968
12	$\mathcal{O}(3; \{6^8, 4^8\})$	32869711872
12	$\mathcal{O}(3; \{6^9, 3, 2^9\})$	1005250176
12	$\mathcal{O}(3; \{6^9, 3^4, 2^5\})$	8024365440
12	$\mathcal{O}(3; \{6^9, 3^7, 2\})$	64212559488
12	$\mathcal{O}(3; \{6^9, 4^2, 3, 2^6\})$	2042413056
12	$\mathcal{O}(3; \{6^9, 4^2, 3^4, 2^2\})$	16303472640
12	$\mathcal{O}(3; \{6^9, 4^4, 3, 2^3\})$	8169652224
12	$\mathcal{O}(3; \{6^9, 4^6, 3\})$	32678608896
12	$\mathcal{O}(3; \{6^{10}, 3^2, 2^6\})$	4015122048
12	$\mathcal{O}(3; \{6^{10}, 3^5, 2^2\})$	32103340416
12	$\mathcal{O}(3; \{6^{10}, 4^2, 3^2, 2^3\})$	8157708288
12	$\mathcal{O}(3; \{6^{10}, 4^4, 3^2\})$	32630833152
12	$\mathcal{O}(3; \{6^{11}, 2^7\})$	2004621696
12	$\mathcal{O}(3; \{6^{11}, 3^3, 2^3\})$	16054609536
12	$\mathcal{O}(3; \{6^{11}, 4^2, 2^4\})$	4072882176
12	$\mathcal{O}(3; \{6^{11}, 4^2, 3^3\})$	32618889216
12	$\mathcal{O}(3; \{6^{11}, 4^4, 2\})$	16291528704
12	$\mathcal{O}(3; \{6^{12}, 3, 2^4\})$	8024365440
12	$\mathcal{O}(3; \{6^{12}, 3^4\})$	64212559488
12	$\mathcal{O}(3; \{6^{12}, 4^2, 3, 2\})$	16303472640
12	$\mathcal{O}(3; \{6^{13}, 3^2, 2\})$	32103340416
12	$\mathcal{O}(3; \{6^{14}, 2^2\})$	16054609536
12	$\mathcal{O}(3; \{12, 4, 3^3, 2^{18}\})$	35831808
12	$\mathcal{O}(3; \{12, 4, 3^6, 2^{14}\})$	250822656
12	$\mathcal{O}(3; \{12, 4, 3^9, 2^{10}\})$	2042413056
12	$\mathcal{O}(3; \{12, 4, 3^{12}, 2^6\})$	16303472640
12	$\mathcal{O}(3; \{12, 4, 3^{15}, 2^2\})$	130463612928
12	$\mathcal{O}(3; \{12, 4^3, 3^3, 2^{15}\})$	143327232
12	$\mathcal{O}(3; \{12, 4^3, 3^6, 2^{11}\})$	1003290624
12	$\mathcal{O}(3; \{12, 4^3, 3^9, 2^7\})$	8169652224

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12, 4^3, 3^{12}, 2^3\})$	65213890560
12	$\mathcal{O}(3; \{12, 4^5, 3^3, 2^{12}\})$	573308928
12	$\mathcal{O}(3; \{12, 4^5, 3^6, 2^8\})$	4013162496
12	$\mathcal{O}(3; \{12, 4^5, 3^9, 2^4\})$	32678608896
12	$\mathcal{O}(3; \{12, 4^5, 3^{12}\})$	260855562240
12	$\mathcal{O}(3; \{12, 4^7, 3^3, 2^9\})$	2293235712
12	$\mathcal{O}(3; \{12, 4^7, 3^6, 2^5\})$	16052649984
12	$\mathcal{O}(3; \{12, 4^7, 3^9, 2\})$	130714435584
12	$\mathcal{O}(3; \{12, 4^9, 3^3, 2^6\})$	9172942848
12	$\mathcal{O}(3; \{12, 4^9, 3^6, 2^2\})$	64210599936
12	$\mathcal{O}(3; \{12, 4^{11}, 3^3, 2^3\})$	36691771392
12	$\mathcal{O}(3; \{12, 4^{13}, 3^3\})$	146767085568
12	$\mathcal{O}(3; \{12, 6, 4, 3, 2^{19}\})$	11943936
12	$\mathcal{O}(3; \{12, 6, 4, 3^4, 2^{15}\})$	131383296
12	$\mathcal{O}(3; \{12, 6, 4, 3^7, 2^{11}\})$	1015234560
12	$\mathcal{O}(3; \{12, 6, 4, 3^{10}, 2^7\})$	8157708288
12	$\mathcal{O}(3; \{12, 6, 4, 3^{13}, 2^3\})$	65225834496
12	$\mathcal{O}(3; \{12, 6, 4^3, 3, 2^{16}\})$	47775744
12	$\mathcal{O}(3; \{12, 6, 4^3, 3^4, 2^{12}\})$	525533184
12	$\mathcal{O}(3; \{12, 6, 4^3, 3^7, 2^8\})$	4060938240
12	$\mathcal{O}(3; \{12, 6, 4^3, 3^{10}, 2^4\})$	32630833152
12	$\mathcal{O}(3; \{12, 6, 4^3, 3^{13}\})$	260903337984
12	$\mathcal{O}(3; \{12, 6, 4^5, 3, 2^{13}\})$	191102976
12	$\mathcal{O}(3; \{12, 6, 4^5, 3^4, 2^9\})$	2102132736
12	$\mathcal{O}(3; \{12, 6, 4^5, 3^7, 2^5\})$	16243752960
12	$\mathcal{O}(3; \{12, 6, 4^5, 3^{10}, 2\})$	130523332608
12	$\mathcal{O}(3; \{12, 6, 4^7, 3, 2^{10}\})$	764411904
12	$\mathcal{O}(3; \{12, 6, 4^7, 3^4, 2^6\})$	8408530944
12	$\mathcal{O}(3; \{12, 6, 4^7, 3^7, 2^2\})$	64975011840
12	$\mathcal{O}(3; \{12, 6, 4^9, 3, 2^7\})$	3057647616
12	$\mathcal{O}(3; \{12, 6, 4^9, 3^4, 2^3\})$	33634123776
12	$\mathcal{O}(3; \{12, 6, 4^{11}, 3, 2^4\})$	12230590464
12	$\mathcal{O}(3; \{12, 6, 4^{11}, 3^4\})$	134536495104
12	$\mathcal{O}(3; \{12, 6, 4^{13}, 3, 2\})$	48922361856
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^2, 2^{16}\})$	59719680
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^5, 2^{12}\})$	513589248
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^8, 2^8\})$	4072882176
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^{11}, 2^4\})$	32618889216
12	$\mathcal{O}(3; \{12, 6^2, 4, 3^{14}\})$	260915281920
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 3^2, 2^{13}\})$	238878720
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 3^5, 2^9\})$	2054356992
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 3^8, 2^5\})$	16291528704
12	$\mathcal{O}(3; \{12, 6^2, 4^3, 3^{11}, 2\})$	130475556864

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12, 6^2, 4^5, 3^2, 2^{10}\})$	955514880
12	$\mathcal{O}(3; \{12, 6^2, 4^5, 3^5, 2^6\})$	8217427968
12	$\mathcal{O}(3; \{12, 6^2, 4^5, 3^8, 2^2\})$	65166114816
12	$\mathcal{O}(3; \{12, 6^2, 4^7, 3^2, 2^7\})$	3822059520
12	$\mathcal{O}(3; \{12, 6^2, 4^7, 3^5, 2^3\})$	32869711872
12	$\mathcal{O}(3; \{12, 6^2, 4^9, 3^2, 2^4\})$	15288238080
12	$\mathcal{O}(3; \{12, 6^2, 4^9, 3^5\})$	131478847488
12	$\mathcal{O}(3; \{12, 6^2, 4^{11}, 3^2, 2\})$	61152952320
12	$\mathcal{O}(3; \{12, 6^3, 4, 2^{17}\})$	35831808
12	$\mathcal{O}(3; \{12, 6^3, 4, 3^3, 2^{13}\})$	250822656
12	$\mathcal{O}(3; \{12, 6^3, 4, 3^6, 2^9\})$	2042413056
12	$\mathcal{O}(3; \{12, 6^3, 4, 3^9, 2^5\})$	16303472640
12	$\mathcal{O}(3; \{12, 6^3, 4, 3^{12}, 2\})$	130463612928
12	$\mathcal{O}(3; \{12, 6^3, 4^3, 2^{14}\})$	143327232
12	$\mathcal{O}(3; \{12, 6^3, 4^3, 3^3, 2^{10}\})$	1003290624
12	$\mathcal{O}(3; \{12, 6^3, 4^3, 3^6, 2^6\})$	8169652224
12	$\mathcal{O}(3; \{12, 6^3, 4^3, 3^9, 2^2\})$	65213890560
12	$\mathcal{O}(3; \{12, 6^3, 4^5, 2^{11}\})$	573308928
12	$\mathcal{O}(3; \{12, 6^3, 4^5, 3^3, 2^7\})$	4013162496
12	$\mathcal{O}(3; \{12, 6^3, 4^5, 3^6, 2^3\})$	32678608896
12	$\mathcal{O}(3; \{12, 6^3, 4^7, 2^8\})$	2293235712
12	$\mathcal{O}(3; \{12, 6^3, 4^7, 3^3, 2^4\})$	16052649984
12	$\mathcal{O}(3; \{12, 6^3, 4^7, 3^6\})$	130714435584
12	$\mathcal{O}(3; \{12, 6^3, 4^9, 2^5\})$	9172942848
12	$\mathcal{O}(3; \{12, 6^3, 4^9, 3^3, 2\})$	64210599936
12	$\mathcal{O}(3; \{12, 6^3, 4^{11}, 2^2\})$	36691771392
12	$\mathcal{O}(3; \{12, 6^4, 4, 3, 2^{14}\})$	131383296
12	$\mathcal{O}(3; \{12, 6^4, 4, 3^4, 2^{10}\})$	1015234560
12	$\mathcal{O}(3; \{12, 6^4, 4, 3^7, 2^6\})$	8157708288
12	$\mathcal{O}(3; \{12, 6^4, 4, 3^{10}, 2^2\})$	65225834496
12	$\mathcal{O}(3; \{12, 6^4, 4^3, 3, 2^{11}\})$	525533184
12	$\mathcal{O}(3; \{12, 6^4, 4^3, 3^4, 2^7\})$	4060938240
12	$\mathcal{O}(3; \{12, 6^4, 4^3, 3^7, 2^3\})$	32630833152
12	$\mathcal{O}(3; \{12, 6^4, 4^5, 3, 2^8\})$	2102132736
12	$\mathcal{O}(3; \{12, 6^4, 4^5, 3^4, 2^4\})$	16243752960
12	$\mathcal{O}(3; \{12, 6^4, 4^5, 3^7\})$	130523332608
12	$\mathcal{O}(3; \{12, 6^4, 4^7, 3, 2^5\})$	8408530944
12	$\mathcal{O}(3; \{12, 6^4, 4^7, 3^4, 2\})$	64975011840
12	$\mathcal{O}(3; \{12, 6^4, 4^9, 3, 2^2\})$	33634123776
12	$\mathcal{O}(3; \{12, 6^5, 4, 3^2, 2^{11}\})$	513589248
12	$\mathcal{O}(3; \{12, 6^5, 4, 3^5, 2^7\})$	4072882176
12	$\mathcal{O}(3; \{12, 6^5, 4, 3^8, 2^3\})$	32618889216
12	$\mathcal{O}(3; \{12, 6^5, 4^3, 3^2, 2^8\})$	2054356992

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12, 6^5, 4^3, 3^5, 2^4\})$	16291528704
12	$\mathcal{O}(3; \{12, 6^5, 4^3, 3^8\})$	130475556864
12	$\mathcal{O}(3; \{12, 6^5, 4^5, 3^2, 2^5\})$	8217427968
12	$\mathcal{O}(3; \{12, 6^5, 4^5, 3^5, 2\})$	65166114816
12	$\mathcal{O}(3; \{12, 6^5, 4^7, 3^2, 2^2\})$	32869711872
12	$\mathcal{O}(3; \{12, 6^6, 4, 2^{12}\})$	250822656
12	$\mathcal{O}(3; \{12, 6^6, 4, 3^3, 2^8\})$	2042413056
12	$\mathcal{O}(3; \{12, 6^6, 4, 3^6, 2^4\})$	16303472640
12	$\mathcal{O}(3; \{12, 6^6, 4, 3^9\})$	130463612928
12	$\mathcal{O}(3; \{12, 6^6, 4^3, 2^9\})$	1003290624
12	$\mathcal{O}(3; \{12, 6^6, 4^3, 3^3, 2^5\})$	8169652224
12	$\mathcal{O}(3; \{12, 6^6, 4^3, 3^6, 2\})$	65213890560
12	$\mathcal{O}(3; \{12, 6^6, 4^5, 2^6\})$	4013162496
12	$\mathcal{O}(3; \{12, 6^6, 4^5, 3^3, 2^2\})$	32678608896
12	$\mathcal{O}(3; \{12, 6^6, 4^7, 2^3\})$	16052649984
12	$\mathcal{O}(3; \{12, 6^6, 4^9\})$	64210599936
12	$\mathcal{O}(3; \{12, 6^7, 4, 3, 2^9\})$	1015234560
12	$\mathcal{O}(3; \{12, 6^7, 4, 3^4, 2^5\})$	8157708288
12	$\mathcal{O}(3; \{12, 6^7, 4, 3^7, 2\})$	65225834496
12	$\mathcal{O}(3; \{12, 6^7, 4^3, 3, 2^6\})$	4060938240
12	$\mathcal{O}(3; \{12, 6^7, 4^3, 3^4, 2^2\})$	32630833152
12	$\mathcal{O}(3; \{12, 6^7, 4^5, 3, 2^3\})$	16243752960
12	$\mathcal{O}(3; \{12, 6^7, 4^7, 3\})$	64975011840
12	$\mathcal{O}(3; \{12, 6^8, 4, 3^2, 2^6\})$	4072882176
12	$\mathcal{O}(3; \{12, 6^8, 4, 3^5, 2^2\})$	32618889216
12	$\mathcal{O}(3; \{12, 6^8, 4^3, 3^2, 2^3\})$	16291528704
12	$\mathcal{O}(3; \{12, 6^8, 4^5, 3^2\})$	65166114816
12	$\mathcal{O}(3; \{12, 6^9, 4, 2^7\})$	2042413056
12	$\mathcal{O}(3; \{12, 6^9, 4, 3^3, 2^3\})$	16303472640
12	$\mathcal{O}(3; \{12, 6^9, 4^3, 2^4\})$	8169652224
12	$\mathcal{O}(3; \{12, 6^9, 4^3, 3^3\})$	65213890560
12	$\mathcal{O}(3; \{12, 6^9, 4^5, 2\})$	32678608896
12	$\mathcal{O}(3; \{12, 6^{10}, 4, 3, 2^4\})$	8157708288
12	$\mathcal{O}(3; \{12, 6^{10}, 4, 3^4\})$	65225834496
12	$\mathcal{O}(3; \{12, 6^{10}, 4^3, 3, 2\})$	32630833152
12	$\mathcal{O}(3; \{12, 6^{11}, 4, 3^2, 2\})$	32618889216
12	$\mathcal{O}(3; \{12, 6^{12}, 4, 2^2\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 3^2, 2^{19}\})$	35831808
12	$\mathcal{O}(3; \{12^2, 3^5, 2^{15}\})$	250822656
12	$\mathcal{O}(3; \{12^2, 3^8, 2^{11}\})$	2042413056
12	$\mathcal{O}(3; \{12^2, 3^{11}, 2^7\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 3^{14}, 2^3\})$	130463612928
12	$\mathcal{O}(3; \{12^2, 4^2, 3^2, 2^{16}\})$	143327232

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^2, 4^2, 3^5, 2^{12}\})$	1003290624
12	$\mathcal{O}(3; \{12^2, 4^2, 3^8, 2^8\})$	8169652224
12	$\mathcal{O}(3; \{12^2, 4^2, 3^{11}, 2^4\})$	65213890560
12	$\mathcal{O}(3; \{12^2, 4^2, 3^{14}\})$	521854451712
12	$\mathcal{O}(3; \{12^2, 4^4, 3^2, 2^{13}\})$	573308928
12	$\mathcal{O}(3; \{12^2, 4^4, 3^5, 2^9\})$	4013162496
12	$\mathcal{O}(3; \{12^2, 4^4, 3^8, 2^5\})$	32678608896
12	$\mathcal{O}(3; \{12^2, 4^4, 3^{11}, 2\})$	260855562240
12	$\mathcal{O}(3; \{12^2, 4^6, 3^2, 2^{10}\})$	2293235712
12	$\mathcal{O}(3; \{12^2, 4^6, 3^5, 2^6\})$	16052649984
12	$\mathcal{O}(3; \{12^2, 4^6, 3^8, 2^2\})$	130714435584
12	$\mathcal{O}(3; \{12^2, 4^8, 3^2, 2^7\})$	9172942848
12	$\mathcal{O}(3; \{12^2, 4^8, 3^5, 2^3\})$	64210599936
12	$\mathcal{O}(3; \{12^2, 4^{10}, 3^2, 2^4\})$	36691771392
12	$\mathcal{O}(3; \{12^2, 4^{10}, 3^5\})$	256842399744
12	$\mathcal{O}(3; \{12^2, 4^{12}, 3^2, 2\})$	146767085568
12	$\mathcal{O}(3; \{12^2, 6, 2^{20}\})$	11943936
12	$\mathcal{O}(3; \{12^2, 6, 3^3, 2^{16}\})$	131383296
12	$\mathcal{O}(3; \{12^2, 6, 3^6, 2^{12}\})$	1015234560
12	$\mathcal{O}(3; \{12^2, 6, 3^9, 2^8\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 6, 3^{12}, 2^4\})$	65225834496
12	$\mathcal{O}(3; \{12^2, 6, 3^{15}\})$	521842507776
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 2^{17}\})$	47775744
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3^3, 2^{13}\})$	525533184
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3^6, 2^9\})$	4060938240
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3^9, 2^5\})$	32630833152
12	$\mathcal{O}(3; \{12^2, 6, 4^2, 3^{12}, 2\})$	260903337984
12	$\mathcal{O}(3; \{12^2, 6, 4^4, 2^{14}\})$	191102976
12	$\mathcal{O}(3; \{12^2, 6, 4^4, 3^3, 2^{10}\})$	2102132736
12	$\mathcal{O}(3; \{12^2, 6, 4^4, 3^6, 2^6\})$	16243752960
12	$\mathcal{O}(3; \{12^2, 6, 4^4, 3^9, 2^2\})$	130523332608
12	$\mathcal{O}(3; \{12^2, 6, 4^6, 2^{11}\})$	764411904
12	$\mathcal{O}(3; \{12^2, 6, 4^6, 3^3, 2^7\})$	8408530944
12	$\mathcal{O}(3; \{12^2, 6, 4^6, 3^6, 2^3\})$	64975011840
12	$\mathcal{O}(3; \{12^2, 6, 4^8, 2^8\})$	3057647616
12	$\mathcal{O}(3; \{12^2, 6, 4^8, 3^3, 2^4\})$	33634123776
12	$\mathcal{O}(3; \{12^2, 6, 4^8, 3^6\})$	259900047360
12	$\mathcal{O}(3; \{12^2, 6, 4^{10}, 2^9\})$	12230590464
12	$\mathcal{O}(3; \{12^2, 6, 4^{10}, 3^3, 2\})$	134536495104
12	$\mathcal{O}(3; \{12^2, 6, 4^{12}, 2^2\})$	48922361856
12	$\mathcal{O}(3; \{12^2, 6^2, 3, 2^{17}\})$	59719680
12	$\mathcal{O}(3; \{12^2, 6^2, 3^4, 2^{13}\})$	513589248
12	$\mathcal{O}(3; \{12^2, 6^2, 3^7, 2^9\})$	4072882176

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^2, 6^2, 3^{10}, 2^5\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 6^2, 3^{13}, 2\})$	260915281920
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 3, 2^{14}\})$	238878720
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 3^4, 2^{10}\})$	2054356992
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 3^7, 2^6\})$	16291528704
12	$\mathcal{O}(3; \{12^2, 6^2, 4^2, 3^{10}, 2^2\})$	130475556864
12	$\mathcal{O}(3; \{12^2, 6^2, 4^4, 3, 2^{11}\})$	955514880
12	$\mathcal{O}(3; \{12^2, 6^2, 4^4, 3^4, 2^7\})$	8217427968
12	$\mathcal{O}(3; \{12^2, 6^2, 4^4, 3^7, 2^3\})$	65166114816
12	$\mathcal{O}(3; \{12^2, 6^2, 4^6, 3, 2^8\})$	3822059520
12	$\mathcal{O}(3; \{12^2, 6^2, 4^6, 3^4, 2^4\})$	32869711872
12	$\mathcal{O}(3; \{12^2, 6^2, 4^6, 3^7\})$	260664459264
12	$\mathcal{O}(3; \{12^2, 6^2, 4^8, 3, 2^5\})$	15288238080
12	$\mathcal{O}(3; \{12^2, 6^2, 4^8, 3^4, 2\})$	131478847488
12	$\mathcal{O}(3; \{12^2, 6^2, 4^{10}, 3, 2^2\})$	61152952320
12	$\mathcal{O}(3; \{12^2, 6^3, 3^2, 2^{14}\})$	250822656
12	$\mathcal{O}(3; \{12^2, 6^3, 3^5, 2^{10}\})$	2042413056
12	$\mathcal{O}(3; \{12^2, 6^3, 3^8, 2^6\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 6^3, 3^{11}, 2^2\})$	130463612928
12	$\mathcal{O}(3; \{12^2, 6^3, 4^2, 3^2, 2^{11}\})$	1003290624
12	$\mathcal{O}(3; \{12^2, 6^3, 4^2, 3^5, 2^7\})$	8169652224
12	$\mathcal{O}(3; \{12^2, 6^3, 4^2, 3^8, 2^3\})$	65213890560
12	$\mathcal{O}(3; \{12^2, 6^3, 4^4, 3^2, 2^8\})$	4013162496
12	$\mathcal{O}(3; \{12^2, 6^3, 4^4, 3^5, 2^4\})$	32678608896
12	$\mathcal{O}(3; \{12^2, 6^3, 4^4, 3^8\})$	260855562240
12	$\mathcal{O}(3; \{12^2, 6^3, 4^6, 3^2, 2^5\})$	16052649984
12	$\mathcal{O}(3; \{12^2, 6^3, 4^6, 3^5, 2\})$	130714435584
12	$\mathcal{O}(3; \{12^2, 6^3, 4^8, 3^2, 2^2\})$	64210599936
12	$\mathcal{O}(3; \{12^2, 6^4, 2^{15}\})$	131383296
12	$\mathcal{O}(3; \{12^2, 6^4, 3^3, 2^{11}\})$	1015234560
12	$\mathcal{O}(3; \{12^2, 6^4, 3^6, 2^7\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 6^4, 3^9, 2^3\})$	65225834496
12	$\mathcal{O}(3; \{12^2, 6^4, 4^2, 2^{12}\})$	525533184
12	$\mathcal{O}(3; \{12^2, 6^4, 4^2, 3^3, 2^8\})$	4060938240
12	$\mathcal{O}(3; \{12^2, 6^4, 4^2, 3^6, 2^4\})$	32630833152
12	$\mathcal{O}(3; \{12^2, 6^4, 4^2, 3^9\})$	260903337984
12	$\mathcal{O}(3; \{12^2, 6^4, 4^4, 2^9\})$	2102132736
12	$\mathcal{O}(3; \{12^2, 6^4, 4^4, 3^3, 2^5\})$	16243752960
12	$\mathcal{O}(3; \{12^2, 6^4, 4^4, 3^6, 2\})$	130523332608
12	$\mathcal{O}(3; \{12^2, 6^4, 4^6, 2^6\})$	8408530944
12	$\mathcal{O}(3; \{12^2, 6^4, 4^6, 3^3, 2^2\})$	64975011840
12	$\mathcal{O}(3; \{12^2, 6^4, 4^8, 2^3\})$	33634123776
12	$\mathcal{O}(3; \{12^2, 6^4, 4^{10}\})$	134536495104

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^2, 6^5, 3, 2^{12}\})$	513589248
12	$\mathcal{O}(3; \{12^2, 6^5, 3^4, 2^8\})$	4072882176
12	$\mathcal{O}(3; \{12^2, 6^5, 3^7, 2^4\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 6^5, 3^{10}\})$	260915281920
12	$\mathcal{O}(3; \{12^2, 6^5, 4^2, 3, 2^9\})$	2054356992
12	$\mathcal{O}(3; \{12^2, 6^5, 4^2, 3^4, 2^5\})$	16291528704
12	$\mathcal{O}(3; \{12^2, 6^5, 4^2, 3^7, 2\})$	130475556864
12	$\mathcal{O}(3; \{12^2, 6^5, 4^4, 3, 2^6\})$	8217427968
12	$\mathcal{O}(3; \{12^2, 6^5, 4^4, 3^4, 2^2\})$	65166114816
12	$\mathcal{O}(3; \{12^2, 6^5, 4^6, 3, 2^3\})$	32869711872
12	$\mathcal{O}(3; \{12^2, 6^5, 4^8, 3\})$	131478847488
12	$\mathcal{O}(3; \{12^2, 6^6, 3^2, 2^9\})$	2042413056
12	$\mathcal{O}(3; \{12^2, 6^6, 3^5, 2^5\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 6^6, 3^8, 2\})$	130463612928
12	$\mathcal{O}(3; \{12^2, 6^6, 4^2, 3^2, 2^6\})$	8169652224
12	$\mathcal{O}(3; \{12^2, 6^6, 4^2, 3^5, 2^2\})$	65213890560
12	$\mathcal{O}(3; \{12^2, 6^6, 4^4, 3^2, 2^3\})$	32678608896
12	$\mathcal{O}(3; \{12^2, 6^6, 4^6, 3^2\})$	130714435584
12	$\mathcal{O}(3; \{12^2, 6^7, 2^{10}\})$	1015234560
12	$\mathcal{O}(3; \{12^2, 6^7, 3^3, 2^6\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 6^7, 3^6, 2^2\})$	65225834496
12	$\mathcal{O}(3; \{12^2, 6^7, 4^2, 2^7\})$	4060938240
12	$\mathcal{O}(3; \{12^2, 6^7, 4^2, 3^3, 2^3\})$	32630833152
12	$\mathcal{O}(3; \{12^2, 6^7, 4^4, 2^4\})$	16243752960
12	$\mathcal{O}(3; \{12^2, 6^7, 4^4, 3^3\})$	130523332608
12	$\mathcal{O}(3; \{12^2, 6^7, 4^6, 2\})$	64975011840
12	$\mathcal{O}(3; \{12^2, 6^8, 3, 2^7\})$	4072882176
12	$\mathcal{O}(3; \{12^2, 6^8, 3^4, 2^3\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 6^8, 4^2, 3, 2^4\})$	16291528704
12	$\mathcal{O}(3; \{12^2, 6^8, 4^2, 3^4\})$	130475556864
12	$\mathcal{O}(3; \{12^2, 6^8, 4^4, 3, 2\})$	65166114816
12	$\mathcal{O}(3; \{12^2, 6^9, 3^2, 2^4\})$	16303472640
12	$\mathcal{O}(3; \{12^2, 6^9, 3^5\})$	130463612928
12	$\mathcal{O}(3; \{12^2, 6^9, 4^2, 3^2, 2\})$	65213890560
12	$\mathcal{O}(3; \{12^2, 6^{10}, 2^5\})$	8157708288
12	$\mathcal{O}(3; \{12^2, 6^{10}, 3^3, 2\})$	65225834496
12	$\mathcal{O}(3; \{12^2, 6^{10}, 4^2, 2^2\})$	32630833152
12	$\mathcal{O}(3; \{12^2, 6^{11}, 3, 2^2\})$	32618889216
12	$\mathcal{O}(3; \{12^2, 6^{13}\})$	65225834496
12	$\mathcal{O}(3; \{12^3, 4, 3, 2^{17}\})$	143327232
12	$\mathcal{O}(3; \{12^3, 4, 3^4, 2^{13}\})$	1003290624
12	$\mathcal{O}(3; \{12^3, 4, 3^7, 2^9\})$	8169652224
12	$\mathcal{O}(3; \{12^3, 4, 3^{10}, 2^5\})$	65213890560

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^3, 4, 3^{13}, 2\})$	521854451712
12	$\mathcal{O}(3; \{12^3, 4^3, 3, 2^{14}\})$	573308928
12	$\mathcal{O}(3; \{12^3, 4^3, 3^4, 2^{10}\})$	4013162496
12	$\mathcal{O}(3; \{12^3, 4^3, 3^7, 2^6\})$	32678608896
12	$\mathcal{O}(3; \{12^3, 4^3, 3^{10}, 2^2\})$	260855562240
12	$\mathcal{O}(3; \{12^3, 4^5, 3, 2^{11}\})$	2293235712
12	$\mathcal{O}(3; \{12^3, 4^5, 3^4, 2^7\})$	16052649984
12	$\mathcal{O}(3; \{12^3, 4^5, 3^7, 2^3\})$	130714435584
12	$\mathcal{O}(3; \{12^3, 4^7, 3, 2^8\})$	9172942848
12	$\mathcal{O}(3; \{12^3, 4^7, 3^4, 2^4\})$	64210599936
12	$\mathcal{O}(3; \{12^3, 4^7, 3^7\})$	522857742336
12	$\mathcal{O}(3; \{12^3, 4^9, 3, 2^5\})$	36691771392
12	$\mathcal{O}(3; \{12^3, 4^9, 3^4, 2\})$	256842399744
12	$\mathcal{O}(3; \{12^3, 4^{11}, 3, 2^2\})$	146767085568
12	$\mathcal{O}(3; \{12^3, 6, 4, 3^2, 2^{14}\})$	525533184
12	$\mathcal{O}(3; \{12^3, 6, 4, 3^5, 2^{10}\})$	4060938240
12	$\mathcal{O}(3; \{12^3, 6, 4, 3^8, 2^6\})$	32630833152
12	$\mathcal{O}(3; \{12^3, 6, 4, 3^{11}, 2^2\})$	260903337984
12	$\mathcal{O}(3; \{12^3, 6, 4^3, 3^2, 2^{11}\})$	2102132736
12	$\mathcal{O}(3; \{12^3, 6, 4^3, 3^5, 2^7\})$	16243752960
12	$\mathcal{O}(3; \{12^3, 6, 4^3, 3^8, 2^3\})$	130523332608
12	$\mathcal{O}(3; \{12^3, 6, 4^5, 3^2, 2^8\})$	8408530944
12	$\mathcal{O}(3; \{12^3, 6, 4^5, 3^5, 2^4\})$	64975011840
12	$\mathcal{O}(3; \{12^3, 6, 4^5, 3^8\})$	522093330432
12	$\mathcal{O}(3; \{12^3, 6, 4^7, 3^2, 2^5\})$	33634123776
12	$\mathcal{O}(3; \{12^3, 6, 4^7, 3^5, 2\})$	259900047360
12	$\mathcal{O}(3; \{12^3, 6, 4^9, 3^2, 2^2\})$	134536495104
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 2^{15}\})$	238878720
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 3^3, 2^{11}\})$	2054356992
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 3^6, 2^7\})$	16291528704
12	$\mathcal{O}(3; \{12^3, 6^2, 4, 3^9, 2^3\})$	130475556864
12	$\mathcal{O}(3; \{12^3, 6^2, 4^3, 2^{12}\})$	955514880
12	$\mathcal{O}(3; \{12^3, 6^2, 4^3, 3^3, 2^8\})$	8217427968
12	$\mathcal{O}(3; \{12^3, 6^2, 4^3, 3^6, 2^4\})$	65166114816
12	$\mathcal{O}(3; \{12^3, 6^2, 4^3, 3^9\})$	521902227456
12	$\mathcal{O}(3; \{12^3, 6^2, 4^5, 2^9\})$	3822059520
12	$\mathcal{O}(3; \{12^3, 6^2, 4^5, 3^3, 2^5\})$	32869711872
12	$\mathcal{O}(3; \{12^3, 6^2, 4^5, 3^6, 2\})$	260664459264
12	$\mathcal{O}(3; \{12^3, 6^2, 4^7, 2^6\})$	15288238080
12	$\mathcal{O}(3; \{12^3, 6^2, 4^7, 3^3, 2^2\})$	131478847488
12	$\mathcal{O}(3; \{12^3, 6^2, 4^9, 2^3\})$	61152952320
12	$\mathcal{O}(3; \{12^3, 6^2, 4^{11}\})$	244611809280
12	$\mathcal{O}(3; \{12^3, 6^3, 4, 3, 2^{12}\})$	1003290624

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(O), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^3, 6^3, 4, 3^4, 2^8\})$	8169652224
12	$\mathcal{O}(3; \{12^3, 6^3, 4, 3^7, 2^4\})$	65213890560
12	$\mathcal{O}(3; \{12^3, 6^3, 4, 3^{10}\})$	521854451712
12	$\mathcal{O}(3; \{12^3, 6^3, 4^3, 3, 2^9\})$	4013162496
12	$\mathcal{O}(3; \{12^3, 6^3, 4^3, 3^4, 2^5\})$	32678608896
12	$\mathcal{O}(3; \{12^3, 6^3, 4^3, 3^7, 2\})$	260855562240
12	$\mathcal{O}(3; \{12^3, 6^3, 4^5, 3, 2^6\})$	16052649984
12	$\mathcal{O}(3; \{12^3, 6^3, 4^5, 3^4, 2^2\})$	130714435584
12	$\mathcal{O}(3; \{12^3, 6^3, 4^7, 3, 2^3\})$	64210599936
12	$\mathcal{O}(3; \{12^3, 6^3, 4^9, 3\})$	256842399744
12	$\mathcal{O}(3; \{12^3, 6^4, 4, 3^2, 2^9\})$	4060938240
12	$\mathcal{O}(3; \{12^3, 6^4, 4, 3^5, 2^5\})$	32630833152
12	$\mathcal{O}(3; \{12^3, 6^4, 4, 3^8, 2\})$	260903337984
12	$\mathcal{O}(3; \{12^3, 6^4, 4^3, 3^2, 2^6\})$	16243752960
12	$\mathcal{O}(3; \{12^3, 6^4, 4^3, 3^5, 2^2\})$	130523332608
12	$\mathcal{O}(3; \{12^3, 6^4, 4^5, 3^2, 2^3\})$	64975011840
12	$\mathcal{O}(3; \{12^3, 6^4, 4^7, 3^2\})$	259900047360
12	$\mathcal{O}(3; \{12^3, 6^5, 4, 2^{10}\})$	2054356992
12	$\mathcal{O}(3; \{12^3, 6^5, 4, 3^3, 2^6\})$	16291528704
12	$\mathcal{O}(3; \{12^3, 6^5, 4, 3^6, 2^2\})$	130475556864
12	$\mathcal{O}(3; \{12^3, 6^5, 4^3, 2^7\})$	8217427968
12	$\mathcal{O}(3; \{12^3, 6^5, 4^3, 3^3, 2^3\})$	65166114816
12	$\mathcal{O}(3; \{12^3, 6^5, 4^5, 2^4\})$	32869711872
12	$\mathcal{O}(3; \{12^3, 6^5, 4^5, 3^3\})$	260664459264
12	$\mathcal{O}(3; \{12^3, 6^5, 4^7, 2\})$	131478847488
12	$\mathcal{O}(3; \{12^3, 6^6, 4, 3, 2^7\})$	8169652224
12	$\mathcal{O}(3; \{12^3, 6^6, 4, 3^4, 2^3\})$	65213890560
12	$\mathcal{O}(3; \{12^3, 6^6, 4^3, 3, 2^4\})$	32678608896
12	$\mathcal{O}(3; \{12^3, 6^6, 4^3, 3^4\})$	260855562240
12	$\mathcal{O}(3; \{12^3, 6^6, 4^5, 3, 2\})$	130714435584
12	$\mathcal{O}(3; \{12^3, 6^7, 4, 3^2, 2^4\})$	32630833152
12	$\mathcal{O}(3; \{12^3, 6^7, 4, 3^5\})$	260903337984
12	$\mathcal{O}(3; \{12^3, 6^7, 4^3, 3^2, 2\})$	130523332608
12	$\mathcal{O}(3; \{12^3, 6^8, 4, 2^5\})$	16291528704
12	$\mathcal{O}(3; \{12^3, 6^8, 4, 3^3, 2\})$	130475556864
12	$\mathcal{O}(3; \{12^3, 6^8, 4^3, 2^2\})$	65166114816
12	$\mathcal{O}(3; \{12^3, 6^9, 4, 3, 2^2\})$	65213890560
12	$\mathcal{O}(3; \{12^3, 6^{11}, 4\})$	130475556864
12	$\mathcal{O}(3; \{12^4, 2^{18}\})$	143327232
12	$\mathcal{O}(3; \{12^4, 3^3, 2^{14}\})$	1003290624
12	$\mathcal{O}(3; \{12^4, 3^6, 2^{10}\})$	8169652224
12	$\mathcal{O}(3; \{12^4, 3^9, 2^6\})$	65213890560
12	$\mathcal{O}(3; \{12^4, 3^{12}, 2^2\})$	521854451712

Continued on next page

Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^4, 4^2, 2^{15}\})$	573308928
12	$\mathcal{O}(3; \{12^4, 4^2, 3^3, 2^{11}\})$	4013162496
12	$\mathcal{O}(3; \{12^4, 4^2, 3^6, 2^7\})$	32678608896
12	$\mathcal{O}(3; \{12^4, 4^2, 3^9, 2^3\})$	260855562240
12	$\mathcal{O}(3; \{12^4, 4^4, 2^{12}\})$	2293235712
12	$\mathcal{O}(3; \{12^4, 4^4, 3^3, 2^8\})$	16052649984
12	$\mathcal{O}(3; \{12^4, 4^4, 3^6, 2^4\})$	130714435584
12	$\mathcal{O}(3; \{12^4, 4^4, 3^9\})$	1043422248960
12	$\mathcal{O}(3; \{12^4, 4^6, 2^9\})$	9172942848
12	$\mathcal{O}(3; \{12^4, 4^6, 3^3, 2^5\})$	64210599936
12	$\mathcal{O}(3; \{12^4, 4^6, 3^6, 2\})$	522857742336
12	$\mathcal{O}(3; \{12^4, 4^8, 2^6\})$	36691771392
12	$\mathcal{O}(3; \{12^4, 4^8, 3^3, 2^2\})$	256842399744
12	$\mathcal{O}(3; \{12^4, 4^{10}, 2^3\})$	146767085568
12	$\mathcal{O}(3; \{12^4, 4^{12}\})$	587068342272
12	$\mathcal{O}(3; \{12^4, 6, 3, 2^{15}\})$	525533184
12	$\mathcal{O}(3; \{12^4, 6, 3^4, 2^{11}\})$	4060938240
12	$\mathcal{O}(3; \{12^4, 6, 3^7, 2^7\})$	32630833152
12	$\mathcal{O}(3; \{12^4, 6, 3^{10}, 2^3\})$	260903337984
12	$\mathcal{O}(3; \{12^4, 6, 4^2, 3, 2^{12}\})$	2102132736
12	$\mathcal{O}(3; \{12^4, 6, 4^2, 3^4, 2^8\})$	16243752960
12	$\mathcal{O}(3; \{12^4, 6, 4^2, 3^7, 2^4\})$	130523332608
12	$\mathcal{O}(3; \{12^4, 6, 4^2, 3^{10}\})$	1043613351936
12	$\mathcal{O}(3; \{12^4, 6, 4^4, 3, 2^9\})$	8408530944
12	$\mathcal{O}(3; \{12^4, 6, 4^4, 3^4, 2^5\})$	64975011840
12	$\mathcal{O}(3; \{12^4, 6, 4^4, 3^7, 2\})$	522093330432
12	$\mathcal{O}(3; \{12^4, 6, 4^6, 3, 2^6\})$	33634123776
12	$\mathcal{O}(3; \{12^4, 6, 4^6, 3^4, 2^2\})$	259900047360
12	$\mathcal{O}(3; \{12^4, 6, 4^8, 3, 2^3\})$	134536495104
12	$\mathcal{O}(3; \{12^4, 6, 4^{10}, 3\})$	538145980416
12	$\mathcal{O}(3; \{12^4, 6^2, 3^2, 2^{12}\})$	2054356992
12	$\mathcal{O}(3; \{12^4, 6^2, 3^5, 2^8\})$	16291528704
12	$\mathcal{O}(3; \{12^4, 6^2, 3^8, 2^4\})$	130475556864
12	$\mathcal{O}(3; \{12^4, 6^2, 3^{11}\})$	1043661127680
12	$\mathcal{O}(3; \{12^4, 6^2, 4^2, 3^2, 2^9\})$	8217427968
12	$\mathcal{O}(3; \{12^4, 6^2, 4^2, 3^5, 2^5\})$	65166114816
12	$\mathcal{O}(3; \{12^4, 6^2, 4^2, 3^8, 2\})$	521902227456
12	$\mathcal{O}(3; \{12^4, 6^2, 4^4, 3^2, 2^6\})$	32869711872
12	$\mathcal{O}(3; \{12^4, 6^2, 4^4, 3^5, 2^2\})$	260664459264
12	$\mathcal{O}(3; \{12^4, 6^2, 4^6, 3^2, 2^3\})$	131478847488
12	$\mathcal{O}(3; \{12^4, 6^2, 4^8, 3^2\})$	525915389952
12	$\mathcal{O}(3; \{12^4, 6^3, 2^{13}\})$	1003290624
12	$\mathcal{O}(3; \{12^4, 6^3, 3^3, 2^9\})$	8169652224

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^4, 6^3, 3^6, 2^5\})$	65213890560
12	$\mathcal{O}(3; \{12^4, 6^3, 3^9, 2\})$	521854451712
12	$\mathcal{O}(3; \{12^4, 6^3, 4^2, 2^{10}\})$	4013162496
12	$\mathcal{O}(3; \{12^4, 6^3, 4^2, 3^3, 2^6\})$	32678608896
12	$\mathcal{O}(3; \{12^4, 6^3, 4^2, 3^6, 2^2\})$	260855562240
12	$\mathcal{O}(3; \{12^4, 6^3, 4^4, 2^7\})$	16052649984
12	$\mathcal{O}(3; \{12^4, 6^3, 4^4, 3^3, 2^3\})$	130714435584
12	$\mathcal{O}(3; \{12^4, 6^3, 4^6, 2^4\})$	64210599936
12	$\mathcal{O}(3; \{12^4, 6^3, 4^6, 3^3\})$	522857742336
12	$\mathcal{O}(3; \{12^4, 6^3, 4^8, 2\})$	256842399744
12	$\mathcal{O}(3; \{12^4, 6^4, 3, 2^{10}\})$	4060938240
12	$\mathcal{O}(3; \{12^4, 6^4, 3^4, 2^6\})$	32630833152
12	$\mathcal{O}(3; \{12^4, 6^4, 3^7, 2^2\})$	260903337984
12	$\mathcal{O}(3; \{12^4, 6^4, 4^2, 3, 2^7\})$	16243752960
12	$\mathcal{O}(3; \{12^4, 6^4, 4^2, 3^4, 2^3\})$	130523332608
12	$\mathcal{O}(3; \{12^4, 6^4, 4^4, 3, 2^4\})$	64975011840
12	$\mathcal{O}(3; \{12^4, 6^4, 4^4, 3^4\})$	522093330432
12	$\mathcal{O}(3; \{12^4, 6^4, 4^6, 3, 2\})$	259900047360
12	$\mathcal{O}(3; \{12^4, 6^5, 3^2, 2^7\})$	16291528704
12	$\mathcal{O}(3; \{12^4, 6^5, 3^5, 2^3\})$	130475556864
12	$\mathcal{O}(3; \{12^4, 6^5, 4^2, 3^2, 2^4\})$	65166114816
12	$\mathcal{O}(3; \{12^4, 6^5, 4^2, 3^5\})$	521902227456
12	$\mathcal{O}(3; \{12^4, 6^5, 4^4, 3^2, 2\})$	260664459264
12	$\mathcal{O}(3; \{12^4, 6^6, 2^8\})$	8169652224
12	$\mathcal{O}(3; \{12^4, 6^6, 3^3, 2^4\})$	65213890560
12	$\mathcal{O}(3; \{12^4, 6^6, 3^6\})$	521854451712
12	$\mathcal{O}(3; \{12^4, 6^6, 4^2, 2^5\})$	32678608896
12	$\mathcal{O}(3; \{12^4, 6^6, 4^2, 3^3, 2\})$	260855562240
12	$\mathcal{O}(3; \{12^4, 6^6, 4^4, 2^2\})$	130714435584
12	$\mathcal{O}(3; \{12^4, 6^7, 3, 2^5\})$	32630833152
12	$\mathcal{O}(3; \{12^4, 6^7, 3^4, 2\})$	260903337984
12	$\mathcal{O}(3; \{12^4, 6^7, 4^2, 3, 2^2\})$	130523332608
12	$\mathcal{O}(3; \{12^4, 6^8, 3^2, 2^2\})$	130475556864
12	$\mathcal{O}(3; \{12^4, 6^9, 2^3\})$	65213890560
12	$\mathcal{O}(3; \{12^4, 6^9, 4^2\})$	260855562240
12	$\mathcal{O}(3; \{12^4, 6^{10}, 3\})$	260903337984
12	$\mathcal{O}(3; \{12^5, 4, 3^2, 2^{12}\})$	4013162496
12	$\mathcal{O}(3; \{12^5, 4, 3^5, 2^8\})$	32678608896
12	$\mathcal{O}(3; \{12^5, 4, 3^8, 2^4\})$	260855562240
12	$\mathcal{O}(3; \{12^5, 4, 3^{11}\})$	2087417806848
12	$\mathcal{O}(3; \{12^5, 4^3, 3^2, 2^9\})$	16052649984
12	$\mathcal{O}(3; \{12^5, 4^3, 3^5, 2^5\})$	130714435584
12	$\mathcal{O}(3; \{12^5, 4^3, 3^8, 2\})$	1043422248960

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^5, 4^5, 3^2, 2^6\})$	64210599936
12	$\mathcal{O}(3; \{12^5, 4^5, 3^5, 2^2\})$	522857742336
12	$\mathcal{O}(3; \{12^5, 4^7, 3^2, 2^3\})$	256842399744
12	$\mathcal{O}(3; \{12^5, 4^9, 3^2\})$	1027369598976
12	$\mathcal{O}(3; \{12^5, 6, 4, 2^{13}\})$	2102132736
12	$\mathcal{O}(3; \{12^5, 6, 4, 3^3, 2^9\})$	16243752960
12	$\mathcal{O}(3; \{12^5, 6, 4, 3^6, 2^5\})$	130523332608
12	$\mathcal{O}(3; \{12^5, 6, 4, 3^9, 2\})$	1043613351936
12	$\mathcal{O}(3; \{12^5, 6, 4^3, 2^{10}\})$	8408530944
12	$\mathcal{O}(3; \{12^5, 6, 4^3, 3^3, 2^6\})$	64975011840
12	$\mathcal{O}(3; \{12^5, 6, 4^3, 3^6, 2^2\})$	522093330432
12	$\mathcal{O}(3; \{12^5, 6, 4^5, 2^7\})$	33634123776
12	$\mathcal{O}(3; \{12^5, 6, 4^5, 3^3, 2^3\})$	259900047360
12	$\mathcal{O}(3; \{12^5, 6, 4^7, 2^4\})$	134536495104
12	$\mathcal{O}(3; \{12^5, 6, 4^7, 3^3\})$	1039600189440
12	$\mathcal{O}(3; \{12^5, 6, 4^9, 2\})$	538145980416
12	$\mathcal{O}(3; \{12^5, 6^2, 4, 3, 2^{10}\})$	8217427968
12	$\mathcal{O}(3; \{12^5, 6^2, 4, 3^4, 2^6\})$	65166114816
12	$\mathcal{O}(3; \{12^5, 6^2, 4, 3^7, 2^2\})$	521902227456
12	$\mathcal{O}(3; \{12^5, 6^2, 4^3, 3, 2^7\})$	32869711872
12	$\mathcal{O}(3; \{12^5, 6^2, 4^3, 3^4, 2^3\})$	260664459264
12	$\mathcal{O}(3; \{12^5, 6^2, 4^5, 3, 2^4\})$	131478847488
12	$\mathcal{O}(3; \{12^5, 6^2, 4^5, 3^4\})$	1042657837056
12	$\mathcal{O}(3; \{12^5, 6^2, 4^7, 3, 2\})$	525915389952
12	$\mathcal{O}(3; \{12^5, 6^3, 4, 3^2, 2^7\})$	32678608896
12	$\mathcal{O}(3; \{12^5, 6^3, 4, 3^5, 2^3\})$	260855562240
12	$\mathcal{O}(3; \{12^5, 6^3, 4^3, 3^2, 2^4\})$	130714435584
12	$\mathcal{O}(3; \{12^5, 6^3, 4^3, 3^5\})$	1043422248960
12	$\mathcal{O}(3; \{12^5, 6^3, 4^5, 3^2, 2\})$	522857742336
12	$\mathcal{O}(3; \{12^5, 6^4, 4, 2^8\})$	16243752960
12	$\mathcal{O}(3; \{12^5, 6^4, 4, 3^3, 2^4\})$	130523332608
12	$\mathcal{O}(3; \{12^5, 6^4, 4, 3^6\})$	1043613351936
12	$\mathcal{O}(3; \{12^5, 6^4, 4^3, 2^5\})$	64975011840
12	$\mathcal{O}(3; \{12^5, 6^4, 4^3, 3^3, 2\})$	522093330432
12	$\mathcal{O}(3; \{12^5, 6^4, 4^5, 2^2\})$	259900047360
12	$\mathcal{O}(3; \{12^5, 6^5, 4, 3, 2^5\})$	65166114816
12	$\mathcal{O}(3; \{12^5, 6^5, 4, 3^4, 2\})$	521902227456
12	$\mathcal{O}(3; \{12^5, 6^5, 4^3, 3, 2^2\})$	260664459264
12	$\mathcal{O}(3; \{12^5, 6^6, 4, 3^2, 2^2\})$	260855562240
12	$\mathcal{O}(3; \{12^5, 6^7, 4, 2^3\})$	130523332608
12	$\mathcal{O}(3; \{12^5, 6^7, 4^3\})$	522093330432
12	$\mathcal{O}(3; \{12^5, 6^8, 4, 3\})$	521902227456
12	$\mathcal{O}(3; \{12^6, 3, 2^{13}\})$	4013162496

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^6, 3^4, 2^9\})$	32678608896
12	$\mathcal{O}(3; \{12^6, 3^7, 2^5\})$	260855562240
12	$\mathcal{O}(3; \{12^6, 3^{10}, 2\})$	2087417806848
12	$\mathcal{O}(3; \{12^6, 4^2, 3, 2^{10}\})$	16052649984
12	$\mathcal{O}(3; \{12^6, 4^2, 3^4, 2^6\})$	130714435584
12	$\mathcal{O}(3; \{12^6, 4^2, 3^7, 2^2\})$	1043422248960
12	$\mathcal{O}(3; \{12^6, 4^4, 3, 2^7\})$	64210599936
12	$\mathcal{O}(3; \{12^6, 4^4, 3^4, 2^3\})$	522857742336
12	$\mathcal{O}(3; \{12^6, 4^6, 3, 2^4\})$	256842399744
12	$\mathcal{O}(3; \{12^6, 4^6, 3^4\})$	2091430969344
12	$\mathcal{O}(3; \{12^6, 4^8, 3, 2\})$	1027369598976
12	$\mathcal{O}(3; \{12^6, 6, 3^2, 2^{10}\})$	16243752960
12	$\mathcal{O}(3; \{12^6, 6, 3^5, 2^6\})$	130523332608
12	$\mathcal{O}(3; \{12^6, 6, 3^8, 2^2\})$	1043613351936
12	$\mathcal{O}(3; \{12^6, 6, 4^2, 3^2, 2^7\})$	64975011840
12	$\mathcal{O}(3; \{12^6, 6, 4^2, 3^5, 2^3\})$	522093330432
12	$\mathcal{O}(3; \{12^6, 6, 4^4, 3^2, 2^4\})$	259900047360
12	$\mathcal{O}(3; \{12^6, 6, 4^4, 3^5\})$	2088373321728
12	$\mathcal{O}(3; \{12^6, 6, 4^6, 3^2, 2\})$	1039600189440
12	$\mathcal{O}(3; \{12^6, 6^2, 2^{11}\})$	8217427968
12	$\mathcal{O}(3; \{12^6, 6^2, 3^3, 2^7\})$	65166114816
12	$\mathcal{O}(3; \{12^6, 6^2, 3^6, 2^3\})$	521902227456
12	$\mathcal{O}(3; \{12^6, 6^2, 4^2, 2^8\})$	32869711872
12	$\mathcal{O}(3; \{12^6, 6^2, 4^2, 3^3, 2^4\})$	260664459264
12	$\mathcal{O}(3; \{12^6, 6^2, 4^2, 3^6\})$	2087608909824
12	$\mathcal{O}(3; \{12^6, 6^2, 4^4, 2^5\})$	131478847488
12	$\mathcal{O}(3; \{12^6, 6^2, 4^4, 3^3, 2\})$	1042657837056
12	$\mathcal{O}(3; \{12^6, 6^2, 4^6, 2^2\})$	525915389952
12	$\mathcal{O}(3; \{12^6, 6^3, 3, 2^8\})$	32678608896
12	$\mathcal{O}(3; \{12^6, 6^3, 3^4, 2^4\})$	260855562240
12	$\mathcal{O}(3; \{12^6, 6^3, 3^7\})$	2087417806848
12	$\mathcal{O}(3; \{12^6, 6^3, 4^2, 3, 2^5\})$	130714435584
12	$\mathcal{O}(3; \{12^6, 6^3, 4^2, 3^4, 2\})$	1043422248960
12	$\mathcal{O}(3; \{12^6, 6^3, 4^4, 3, 2^2\})$	522857742336
12	$\mathcal{O}(3; \{12^6, 6^4, 3^2, 2^5\})$	130523332608
12	$\mathcal{O}(3; \{12^6, 6^4, 3^5, 2\})$	1043613351936
12	$\mathcal{O}(3; \{12^6, 6^4, 4^2, 3^2, 2^2\})$	522093330432
12	$\mathcal{O}(3; \{12^6, 6^5, 2^6\})$	65166114816
12	$\mathcal{O}(3; \{12^6, 6^5, 3^3, 2^2\})$	521902227456
12	$\mathcal{O}(3; \{12^6, 6^5, 4^2, 2^3\})$	260664459264
12	$\mathcal{O}(3; \{12^6, 6^5, 4^4\})$	1042657837056
12	$\mathcal{O}(3; \{12^6, 6^6, 3, 2^3\})$	260855562240
12	$\mathcal{O}(3; \{12^6, 6^6, 4^2, 3\})$	1043422248960

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^6, 6^7, 3^2\})$	1043613351936
12	$\mathcal{O}(3; \{12^6, 6^8, 2\})$	521902227456
12	$\mathcal{O}(3; \{12^7, 4, 2^{11}\})$	16052649984
12	$\mathcal{O}(3; \{12^7, 4, 3^3, 2^7\})$	130714435584
12	$\mathcal{O}(3; \{12^7, 4, 3^6, 2^3\})$	1043422248960
12	$\mathcal{O}(3; \{12^7, 4^3, 2^8\})$	64210599936
12	$\mathcal{O}(3; \{12^7, 4^3, 3^3, 2^4\})$	522857742336
12	$\mathcal{O}(3; \{12^7, 4^3, 3^6\})$	4173688995840
12	$\mathcal{O}(3; \{12^7, 4^5, 2^5\})$	256842399744
12	$\mathcal{O}(3; \{12^7, 4^5, 3^3, 2\})$	2091430969344
12	$\mathcal{O}(3; \{12^7, 4^7, 2^2\})$	1027369598976
12	$\mathcal{O}(3; \{12^7, 6, 4, 3, 2^8\})$	64975011840
12	$\mathcal{O}(3; \{12^7, 6, 4, 3^4, 2^4\})$	522093330432
12	$\mathcal{O}(3; \{12^7, 6, 4, 3^7\})$	4174453407744
12	$\mathcal{O}(3; \{12^7, 6, 4^3, 3, 2^5\})$	259900047360
12	$\mathcal{O}(3; \{12^7, 6, 4^3, 3^4, 2\})$	2088373321728
12	$\mathcal{O}(3; \{12^7, 6, 4^5, 3, 2^2\})$	1039600189440
12	$\mathcal{O}(3; \{12^7, 6^2, 4, 3^2, 2^5\})$	260664459264
12	$\mathcal{O}(3; \{12^7, 6^2, 4, 3^5, 2\})$	2087608909824
12	$\mathcal{O}(3; \{12^7, 6^2, 4^3, 3^2, 2^2\})$	1042657837056
12	$\mathcal{O}(3; \{12^7, 6^3, 4, 2^6\})$	130714435584
12	$\mathcal{O}(3; \{12^7, 6^3, 4, 3^3, 2^2\})$	1043422248960
12	$\mathcal{O}(3; \{12^7, 6^3, 4^3, 2^3\})$	522857742336
12	$\mathcal{O}(3; \{12^7, 6^3, 4^5\})$	2091430969344
12	$\mathcal{O}(3; \{12^7, 6^4, 4, 3, 2^3\})$	522093330432
12	$\mathcal{O}(3; \{12^7, 6^4, 4^3, 3\})$	2088373321728
12	$\mathcal{O}(3; \{12^7, 6^5, 4, 3^2\})$	2087608909824
12	$\mathcal{O}(3; \{12^7, 6^6, 4, 2\})$	1043422248960
12	$\mathcal{O}(3; \{12^8, 3^2, 2^8\})$	130714435584
12	$\mathcal{O}(3; \{12^8, 3^5, 2^4\})$	1043422248960
12	$\mathcal{O}(3; \{12^8, 3^8\})$	8349671227392
12	$\mathcal{O}(3; \{12^8, 4^2, 3^2, 2^5\})$	522857742336
12	$\mathcal{O}(3; \{12^8, 4^2, 3^5, 2\})$	4173688995840
12	$\mathcal{O}(3; \{12^8, 4^4, 3^2, 2^2\})$	2091430969344
12	$\mathcal{O}(3; \{12^8, 6, 2^9\})$	64975011840
12	$\mathcal{O}(3; \{12^8, 6, 3^3, 2^5\})$	522093330432
12	$\mathcal{O}(3; \{12^8, 6, 3^6, 2\})$	4174453407744
12	$\mathcal{O}(3; \{12^8, 6, 4^2, 2^6\})$	259900047360
12	$\mathcal{O}(3; \{12^8, 6, 4^2, 3^3, 2^2\})$	2088373321728
12	$\mathcal{O}(3; \{12^8, 6, 4^4, 2^3\})$	1039600189440
12	$\mathcal{O}(3; \{12^8, 6, 4^6\})$	4158400757760
12	$\mathcal{O}(3; \{12^8, 6^2, 3, 2^6\})$	260664459264
12	$\mathcal{O}(3; \{12^8, 6^2, 3^4, 2^2\})$	2087608909824

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(3; \{12^8, 6^2, 4^2, 3, 2^3\})$	1042657837056
12	$\mathcal{O}(3; \{12^8, 6^2, 4^4, 3\})$	4170631348224
12	$\mathcal{O}(3; \{12^8, 6^3, 3^2, 2^3\})$	1043422248960
12	$\mathcal{O}(3; \{12^8, 6^3, 4^2, 3^2\})$	4173688995840
12	$\mathcal{O}(3; \{12^8, 6^4, 2^4\})$	522093330432
12	$\mathcal{O}(3; \{12^8, 6^4, 3^3\})$	4174453407744
12	$\mathcal{O}(3; \{12^8, 6^4, 4^2, 2\})$	2088373321728
12	$\mathcal{O}(3; \{12^8, 6^5, 3, 2\})$	2087608909824
12	$\mathcal{O}(3; \{12^9, 4, 3, 2^6\})$	522857742336
12	$\mathcal{O}(3; \{12^9, 4, 3^4, 2^2\})$	4173688995840
12	$\mathcal{O}(3; \{12^9, 4^3, 3, 2^3\})$	2091430969344
12	$\mathcal{O}(3; \{12^9, 4^5, 3\})$	8365723877376
12	$\mathcal{O}(3; \{12^9, 6, 4, 3^2, 2^3\})$	2088373321728
12	$\mathcal{O}(3; \{12^9, 6, 4^3, 3^2\})$	8353493286912
12	$\mathcal{O}(3; \{12^9, 6^2, 4, 2^4\})$	1042657837056
12	$\mathcal{O}(3; \{12^9, 6^2, 4, 3^3\})$	8350435639296
12	$\mathcal{O}(3; \{12^9, 6^2, 4^3, 2\})$	4170631348224
12	$\mathcal{O}(3; \{12^9, 6^3, 4, 3, 2\})$	4173688995840
12	$\mathcal{O}(3; \{12^{10}, 2^7\})$	522857742336
12	$\mathcal{O}(3; \{12^{10}, 3^3, 2^3\})$	4173688995840
12	$\mathcal{O}(3; \{12^{10}, 4^2, 2^4\})$	2091430969344
12	$\mathcal{O}(3; \{12^{10}, 4^2, 3^3\})$	16694755983360
12	$\mathcal{O}(3; \{12^{10}, 4^4, 2\})$	8365723877376
12	$\mathcal{O}(3; \{12^{10}, 6, 3, 2^4\})$	2088373321728
12	$\mathcal{O}(3; \{12^{10}, 6, 3^4\})$	16697813630976
12	$\mathcal{O}(3; \{12^{10}, 6, 4^2, 3, 2\})$	8353493286912
12	$\mathcal{O}(3; \{12^{10}, 6^2, 3^2, 2\})$	8350435639296
12	$\mathcal{O}(3; \{12^{10}, 6^3, 2^2\})$	4173688995840
12	$\mathcal{O}(3; \{12^{11}, 4, 3^2, 2\})$	16694755983360
12	$\mathcal{O}(3; \{12^{11}, 6, 4, 2^2\})$	8353493286912
12	$\mathcal{O}(3; \{12^{12}, 3, 2^2\})$	16694755983360
12	$\mathcal{O}(3; \{12^{12}, 6^2\})$	33401742557184
12	$\mathcal{O}(3; \{12^{13}, 4\})$	66779023933440
12	$\mathcal{O}(2; \{3^4, 2^{24}\})$	116640
12	$\mathcal{O}(2; \{3^7, 2^{20}\})$	816480
12	$\mathcal{O}(2; \{3^{10}, 2^{16}\})$	6648480
12	$\mathcal{O}(2; \{3^{13}, 2^{12}\})$	53071200
12	$\mathcal{O}(2; \{3^{16}, 2^8\})$	424686240
12	$\mathcal{O}(2; \{3^{19}, 2^4\})$	3397373280
12	$\mathcal{O}(2; \{3^{22}\})$	27179102880
12	$\mathcal{O}(2; \{4^2, 3^4, 2^{21}\})$	248832
12	$\mathcal{O}(2; \{4^2, 3^7, 2^{17}\})$	1741824
12	$\mathcal{O}(2; \{4^2, 3^{10}, 2^{13}\})$	14183424

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{4^2, 3^{13}, 2^9\})$	113218560
12	$\mathcal{O}(2; \{4^2, 3^{16}, 2^5\})$	905997312
12	$\mathcal{O}(2; \{4^2, 3^{19}, 2\})$	7247729664
12	$\mathcal{O}(2; \{4^4, 3^4, 2^{18}\})$	995328
12	$\mathcal{O}(2; \{4^4, 3^7, 2^{14}\})$	6967296
12	$\mathcal{O}(2; \{4^4, 3^{10}, 2^{10}\})$	56733696
12	$\mathcal{O}(2; \{4^4, 3^{13}, 2^6\})$	452874240
12	$\mathcal{O}(2; \{4^4, 3^{16}, 2^2\})$	3623989248
12	$\mathcal{O}(2; \{4^6, 3^4, 2^{15}\})$	3981312
12	$\mathcal{O}(2; \{4^6, 3^7, 2^{11}\})$	27869184
12	$\mathcal{O}(2; \{4^6, 3^{10}, 2^7\})$	226934784
12	$\mathcal{O}(2; \{4^6, 3^{13}, 2^3\})$	1811496960
12	$\mathcal{O}(2; \{4^8, 3^4, 2^{12}\})$	15925248
12	$\mathcal{O}(2; \{4^8, 3^7, 2^8\})$	111476736
12	$\mathcal{O}(2; \{4^8, 3^{10}, 2^4\})$	907739136
12	$\mathcal{O}(2; \{4^8, 3^{13}\})$	7245987840
12	$\mathcal{O}(2; \{4^{10}, 3^4, 2^9\})$	63700992
12	$\mathcal{O}(2; \{4^{10}, 3^7, 2^5\})$	445906944
12	$\mathcal{O}(2; \{4^{10}, 3^{10}, 2\})$	3630956544
12	$\mathcal{O}(2; \{4^{12}, 3^4, 2^6\})$	254803968
12	$\mathcal{O}(2; \{4^{12}, 3^7, 2^2\})$	1783627776
12	$\mathcal{O}(2; \{4^{14}, 3^4, 2^3\})$	1019215872
12	$\mathcal{O}(2; \{4^{16}, 3^4\})$	4076863488
12	$\mathcal{O}(2; \{6, 3^2, 2^{25}\})$	38880
12	$\mathcal{O}(2; \{6, 3^5, 2^{21}\})$	427680
12	$\mathcal{O}(2; \{6, 3^8, 2^{17}\})$	3304800
12	$\mathcal{O}(2; \{6, 3^{11}, 2^{13}\})$	26555040
12	$\mathcal{O}(2; \{6, 3^{14}, 2^9\})$	212323680
12	$\mathcal{O}(2; \{6, 3^{17}, 2^5\})$	1698706080
12	$\mathcal{O}(2; \{6, 3^{20}, 2\})$	13589532000
12	$\mathcal{O}(2; \{6, 4^2, 3^2, 2^{22}\})$	82944
12	$\mathcal{O}(2; \{6, 4^2, 3^5, 2^{18}\})$	912384
12	$\mathcal{O}(2; \{6, 4^2, 3^8, 2^{14}\})$	7050240
12	$\mathcal{O}(2; \{6, 4^2, 3^{11}, 2^{10}\})$	56650752
12	$\mathcal{O}(2; \{6, 4^2, 3^{14}, 2^6\})$	452957184
12	$\mathcal{O}(2; \{6, 4^2, 3^{17}, 2^2\})$	3623906304
12	$\mathcal{O}(2; \{6, 4^4, 3^2, 2^{19}\})$	331776
12	$\mathcal{O}(2; \{6, 4^4, 3^5, 2^{15}\})$	3649536
12	$\mathcal{O}(2; \{6, 4^4, 3^8, 2^{11}\})$	28200960
12	$\mathcal{O}(2; \{6, 4^4, 3^{11}, 2^7\})$	226603008
12	$\mathcal{O}(2; \{6, 4^4, 3^{14}, 2^3\})$	1811828736
12	$\mathcal{O}(2; \{6, 4^6, 3^2, 2^{16}\})$	1327104
12	$\mathcal{O}(2; \{6, 4^6, 3^5, 2^{12}\})$	14598144

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6, 4^6, 3^8, 2^8\})$	112803840
12	$\mathcal{O}(2; \{6, 4^6, 3^{11}, 2^4\})$	906412032
12	$\mathcal{O}(2; \{6, 4^6, 3^{14}\})$	7247314944
12	$\mathcal{O}(2; \{6, 4^8, 3^2, 2^{13}\})$	5308416
12	$\mathcal{O}(2; \{6, 4^8, 3^5, 2^9\})$	58392576
12	$\mathcal{O}(2; \{6, 4^8, 3^8, 2^5\})$	451215360
12	$\mathcal{O}(2; \{6, 4^8, 3^{11}, 2\})$	3625648128
12	$\mathcal{O}(2; \{6, 4^{10}, 3^2, 2^{10}\})$	21233664
12	$\mathcal{O}(2; \{6, 4^{10}, 3^5, 2^6\})$	233570304
12	$\mathcal{O}(2; \{6, 4^{10}, 3^8, 2^2\})$	1804861440
12	$\mathcal{O}(2; \{6, 4^{12}, 3^2, 2^7\})$	84934656
12	$\mathcal{O}(2; \{6, 4^{12}, 3^5, 2^3\})$	934281216
12	$\mathcal{O}(2; \{6, 4^{14}, 3^2, 2^4\})$	339738624
12	$\mathcal{O}(2; \{6, 4^{14}, 3^5\})$	3737124864
12	$\mathcal{O}(2; \{6, 4^{16}, 3^2, 2\})$	1358954496
12	$\mathcal{O}(2; \{6^2, 2^{26}\})$	38880
12	$\mathcal{O}(2; \{6^2, 3^3, 2^{22}\})$	194400
12	$\mathcal{O}(2; \{6^2, 3^6, 2^{18}\})$	1671840
12	$\mathcal{O}(2; \{6^2, 3^9, 2^{14}\})$	13258080
12	$\mathcal{O}(2; \{6^2, 3^{12}, 2^{10}\})$	106181280
12	$\mathcal{O}(2; \{6^2, 3^{15}, 2^6\})$	849333600
12	$\mathcal{O}(2; \{6^2, 3^{18}, 2^2\})$	6794785440
12	$\mathcal{O}(2; \{6^2, 4^2, 2^{23}\})$	82944
12	$\mathcal{O}(2; \{6^2, 4^2, 3^3, 2^{19}\})$	414720
12	$\mathcal{O}(2; \{6^2, 4^2, 3^6, 2^{15}\})$	3566592
12	$\mathcal{O}(2; \{6^2, 4^2, 3^9, 2^{11}\})$	28283904
12	$\mathcal{O}(2; \{6^2, 4^2, 3^{12}, 2^7\})$	226520064
12	$\mathcal{O}(2; \{6^2, 4^2, 3^{15}, 2^3\})$	1811911680
12	$\mathcal{O}(2; \{6^2, 4^4, 2^{20}\})$	331776
12	$\mathcal{O}(2; \{6^2, 4^4, 3^3, 2^{16}\})$	1658880
12	$\mathcal{O}(2; \{6^2, 4^4, 3^6, 2^{12}\})$	14266368
12	$\mathcal{O}(2; \{6^2, 4^4, 3^9, 2^8\})$	113135616
12	$\mathcal{O}(2; \{6^2, 4^4, 3^{12}, 2^4\})$	906080256
12	$\mathcal{O}(2; \{6^2, 4^4, 3^{15}\})$	7247646720
12	$\mathcal{O}(2; \{6^2, 4^6, 2^{17}\})$	1327104
12	$\mathcal{O}(2; \{6^2, 4^6, 3^3, 2^{13}\})$	6635520
12	$\mathcal{O}(2; \{6^2, 4^6, 3^6, 2^9\})$	57065472
12	$\mathcal{O}(2; \{6^2, 4^6, 3^9, 2^5\})$	452542464
12	$\mathcal{O}(2; \{6^2, 4^6, 3^{12}, 2\})$	3624321024
12	$\mathcal{O}(2; \{6^2, 4^8, 2^{14}\})$	5308416
12	$\mathcal{O}(2; \{6^2, 4^8, 3^3, 2^{10}\})$	26542080
12	$\mathcal{O}(2; \{6^2, 4^8, 3^6, 2^6\})$	228261888
12	$\mathcal{O}(2; \{6^2, 4^8, 3^9, 2^2\})$	1810169856

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^2, 4^{10}, 2^{11}\})$	21233664
12	$\mathcal{O}(2; \{6^2, 4^{10}, 3^3, 2^7\})$	106168320
12	$\mathcal{O}(2; \{6^2, 4^{10}, 3^6, 2^3\})$	913047552
12	$\mathcal{O}(2; \{6^2, 4^{12}, 2^8\})$	84934656
12	$\mathcal{O}(2; \{6^2, 4^{12}, 3^3, 2^4\})$	424673280
12	$\mathcal{O}(2; \{6^2, 4^{12}, 3^6\})$	3652190208
12	$\mathcal{O}(2; \{6^2, 4^{14}, 2^5\})$	339738624
12	$\mathcal{O}(2; \{6^2, 4^{14}, 3^3, 2\})$	1698693120
12	$\mathcal{O}(2; \{6^2, 4^{16}, 2^2\})$	1358954496
12	$\mathcal{O}(2; \{6^3, 3, 2^{23}\})$	116640
12	$\mathcal{O}(2; \{6^3, 3^4, 2^{19}\})$	816480
12	$\mathcal{O}(2; \{6^3, 3^7, 2^{15}\})$	6648480
12	$\mathcal{O}(2; \{6^3, 3^{10}, 2^{11}\})$	53071200
12	$\mathcal{O}(2; \{6^3, 3^{13}, 2^7\})$	424686240
12	$\mathcal{O}(2; \{6^3, 3^{16}, 2^3\})$	3397373280
12	$\mathcal{O}(2; \{6^3, 4^2, 3, 2^{20}\})$	248832
12	$\mathcal{O}(2; \{6^3, 4^2, 3^4, 2^{16}\})$	1741824
12	$\mathcal{O}(2; \{6^3, 4^2, 3^7, 2^{12}\})$	14183424
12	$\mathcal{O}(2; \{6^3, 4^2, 3^{10}, 2^8\})$	113218560
12	$\mathcal{O}(2; \{6^3, 4^2, 3^{13}, 2^4\})$	905997312
12	$\mathcal{O}(2; \{6^3, 4^2, 3^{16}\})$	7247729664
12	$\mathcal{O}(2; \{6^3, 4^4, 3, 2^{17}\})$	995328
12	$\mathcal{O}(2; \{6^3, 4^4, 3^4, 2^{13}\})$	6967296
12	$\mathcal{O}(2; \{6^3, 4^4, 3^7, 2^9\})$	56733696
12	$\mathcal{O}(2; \{6^3, 4^4, 3^{10}, 2^5\})$	452874240
12	$\mathcal{O}(2; \{6^3, 4^4, 3^{13}, 2\})$	3623989248
12	$\mathcal{O}(2; \{6^3, 4^6, 3, 2^{14}\})$	3981312
12	$\mathcal{O}(2; \{6^3, 4^6, 3^4, 2^{10}\})$	27869184
12	$\mathcal{O}(2; \{6^3, 4^6, 3^7, 2^6\})$	226934784
12	$\mathcal{O}(2; \{6^3, 4^6, 3^{10}, 2^2\})$	1811496960
12	$\mathcal{O}(2; \{6^3, 4^8, 3, 2^{11}\})$	15925248
12	$\mathcal{O}(2; \{6^3, 4^8, 3^4, 2^7\})$	111476736
12	$\mathcal{O}(2; \{6^3, 4^8, 3^7, 2^3\})$	907739136
12	$\mathcal{O}(2; \{6^3, 4^{10}, 3, 2^8\})$	63700992
12	$\mathcal{O}(2; \{6^3, 4^{10}, 3^4, 2^4\})$	445906944
12	$\mathcal{O}(2; \{6^3, 4^{10}, 3^7\})$	3630956544
12	$\mathcal{O}(2; \{6^3, 4^{12}, 3, 2^5\})$	254803968
12	$\mathcal{O}(2; \{6^3, 4^{12}, 3^4, 2\})$	1783627776
12	$\mathcal{O}(2; \{6^3, 4^{14}, 3, 2^2\})$	1019215872
12	$\mathcal{O}(2; \{6^4, 3^2, 2^{20}\})$	427680
12	$\mathcal{O}(2; \{6^4, 3^5, 2^{16}\})$	3304800
12	$\mathcal{O}(2; \{6^4, 3^8, 2^{12}\})$	26555040
12	$\mathcal{O}(2; \{6^4, 3^{11}, 2^8\})$	212323680

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^4, 3^{14}, 2^4\})$	1698706080
12	$\mathcal{O}(2; \{6^4, 3^{17}\})$	13589532000
12	$\mathcal{O}(2; \{6^4, 4^2, 3^2, 2^{17}\})$	912384
12	$\mathcal{O}(2; \{6^4, 4^2, 3^5, 2^{13}\})$	7050240
12	$\mathcal{O}(2; \{6^4, 4^2, 3^8, 2^9\})$	56650752
12	$\mathcal{O}(2; \{6^4, 4^2, 3^{11}, 2^5\})$	452957184
12	$\mathcal{O}(2; \{6^4, 4^2, 3^{14}, 2\})$	3623906304
12	$\mathcal{O}(2; \{6^4, 4^4, 3^2, 2^{14}\})$	3649536
12	$\mathcal{O}(2; \{6^4, 4^4, 3^5, 2^{10}\})$	28200960
12	$\mathcal{O}(2; \{6^4, 4^4, 3^8, 2^6\})$	226603008
12	$\mathcal{O}(2; \{6^4, 4^4, 3^{11}, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{6^4, 4^6, 3^2, 2^{11}\})$	14598144
12	$\mathcal{O}(2; \{6^4, 4^6, 3^5, 2^7\})$	112803840
12	$\mathcal{O}(2; \{6^4, 4^6, 3^8, 2^3\})$	906412032
12	$\mathcal{O}(2; \{6^4, 4^8, 3^2, 2^8\})$	58392576
12	$\mathcal{O}(2; \{6^4, 4^8, 3^5, 2^4\})$	451215360
12	$\mathcal{O}(2; \{6^4, 4^8, 3^8\})$	3625648128
12	$\mathcal{O}(2; \{6^4, 4^{10}, 3^2, 2^5\})$	233570304
12	$\mathcal{O}(2; \{6^4, 4^{10}, 3^5, 2\})$	1804861440
12	$\mathcal{O}(2; \{6^4, 4^{12}, 3^2, 2^2\})$	934281216
12	$\mathcal{O}(2; \{6^5, 2^{21}\})$	194400
12	$\mathcal{O}(2; \{6^5, 3^3, 2^{17}\})$	1671840
12	$\mathcal{O}(2; \{6^5, 3^6, 2^{13}\})$	13258080
12	$\mathcal{O}(2; \{6^5, 3^9, 2^9\})$	106181280
12	$\mathcal{O}(2; \{6^5, 3^{12}, 2^5\})$	849333600
12	$\mathcal{O}(2; \{6^5, 3^{15}, 2\})$	6794785440
12	$\mathcal{O}(2; \{6^5, 4^2, 2^{18}\})$	414720
12	$\mathcal{O}(2; \{6^5, 4^2, 3^3, 2^{14}\})$	3566592
12	$\mathcal{O}(2; \{6^5, 4^2, 3^6, 2^{10}\})$	28283904
12	$\mathcal{O}(2; \{6^5, 4^2, 3^9, 2^6\})$	226520064
12	$\mathcal{O}(2; \{6^5, 4^2, 3^{12}, 2^2\})$	1811911680
12	$\mathcal{O}(2; \{6^5, 4^4, 2^{15}\})$	1658880
12	$\mathcal{O}(2; \{6^5, 4^4, 3^3, 2^{11}\})$	14266368
12	$\mathcal{O}(2; \{6^5, 4^4, 3^6, 2^7\})$	113135616
12	$\mathcal{O}(2; \{6^5, 4^4, 3^9, 2^3\})$	906080256
12	$\mathcal{O}(2; \{6^5, 4^6, 2^{12}\})$	6635520
12	$\mathcal{O}(2; \{6^5, 4^6, 3^3, 2^8\})$	57065472
12	$\mathcal{O}(2; \{6^5, 4^6, 3^6, 2^4\})$	452542464
12	$\mathcal{O}(2; \{6^5, 4^6, 3^9\})$	3624321024
12	$\mathcal{O}(2; \{6^5, 4^8, 2^9\})$	26542080
12	$\mathcal{O}(2; \{6^5, 4^8, 3^3, 2^5\})$	228261888
12	$\mathcal{O}(2; \{6^5, 4^8, 3^6, 2\})$	1810169856
12	$\mathcal{O}(2; \{6^5, 4^{10}, 2^6\})$	106168320

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^5, 4^{10}, 3^3, 2^2\})$	913047552
12	$\mathcal{O}(2; \{6^5, 4^{12}, 2^3\})$	424673280
12	$\mathcal{O}(2; \{6^5, 4^{14}\})$	1698693120
12	$\mathcal{O}(2; \{6^6, 3, 2^{18}\})$	816480
12	$\mathcal{O}(2; \{6^6, 3^4, 2^{14}\})$	6648480
12	$\mathcal{O}(2; \{6^6, 3^7, 2^{10}\})$	53071200
12	$\mathcal{O}(2; \{6^6, 3^{10}, 2^6\})$	424686240
12	$\mathcal{O}(2; \{6^6, 3^{13}, 2^2\})$	3397373280
12	$\mathcal{O}(2; \{6^6, 4^2, 3, 2^{15}\})$	1741824
12	$\mathcal{O}(2; \{6^6, 4^2, 3^4, 2^{11}\})$	14183424
12	$\mathcal{O}(2; \{6^6, 4^2, 3^7, 2^7\})$	113218560
12	$\mathcal{O}(2; \{6^6, 4^2, 3^{10}, 2^3\})$	905997312
12	$\mathcal{O}(2; \{6^6, 4^4, 3, 2^{12}\})$	6967296
12	$\mathcal{O}(2; \{6^6, 4^4, 3^4, 2^8\})$	56733696
12	$\mathcal{O}(2; \{6^6, 4^4, 3^7, 2^4\})$	452874240
12	$\mathcal{O}(2; \{6^6, 4^4, 3^{10}\})$	3623989248
12	$\mathcal{O}(2; \{6^6, 4^6, 3, 2^9\})$	27869184
12	$\mathcal{O}(2; \{6^6, 4^6, 3^4, 2^5\})$	226934784
12	$\mathcal{O}(2; \{6^6, 4^6, 3^7, 2\})$	1811496960
12	$\mathcal{O}(2; \{6^6, 4^8, 3, 2^6\})$	111476736
12	$\mathcal{O}(2; \{6^6, 4^8, 3^4, 2^2\})$	907739136
12	$\mathcal{O}(2; \{6^6, 4^{10}, 3, 2^3\})$	445906944
12	$\mathcal{O}(2; \{6^6, 4^{12}, 3\})$	1783627776
12	$\mathcal{O}(2; \{6^7, 3^2, 2^{15}\})$	3304800
12	$\mathcal{O}(2; \{6^7, 3^5, 2^{11}\})$	26555040
12	$\mathcal{O}(2; \{6^7, 3^8, 2^7\})$	212323680
12	$\mathcal{O}(2; \{6^7, 3^{11}, 2^3\})$	1698706080
12	$\mathcal{O}(2; \{6^7, 4^2, 3^2, 2^{12}\})$	7050240
12	$\mathcal{O}(2; \{6^7, 4^2, 3^5, 2^8\})$	56650752
12	$\mathcal{O}(2; \{6^7, 4^2, 3^8, 2^4\})$	452957184
12	$\mathcal{O}(2; \{6^7, 4^2, 3^{11}\})$	3623906304
12	$\mathcal{O}(2; \{6^7, 4^4, 3^2, 2^9\})$	28200960
12	$\mathcal{O}(2; \{6^7, 4^4, 3^5, 2^5\})$	226603008
12	$\mathcal{O}(2; \{6^7, 4^4, 3^8, 2\})$	1811828736
12	$\mathcal{O}(2; \{6^7, 4^6, 3^2, 2^6\})$	112803840
12	$\mathcal{O}(2; \{6^7, 4^6, 3^5, 2^2\})$	906412032
12	$\mathcal{O}(2; \{6^7, 4^8, 3^2, 2^3\})$	451215360
12	$\mathcal{O}(2; \{6^7, 4^{10}, 3^2\})$	1804861440
12	$\mathcal{O}(2; \{6^8, 2^{16}\})$	1671840
12	$\mathcal{O}(2; \{6^8, 3^3, 2^{12}\})$	13258080
12	$\mathcal{O}(2; \{6^8, 3^6, 2^8\})$	106181280
12	$\mathcal{O}(2; \{6^8, 3^9, 2^4\})$	849333600
12	$\mathcal{O}(2; \{6^8, 3^{12}\})$	6794785440

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^8, 4^2, 2^{13}\})$	3566592
12	$\mathcal{O}(2; \{6^8, 4^2, 3^3, 2^9\})$	28283904
12	$\mathcal{O}(2; \{6^8, 4^2, 3^6, 2^5\})$	226520064
12	$\mathcal{O}(2; \{6^8, 4^2, 3^9, 2\})$	1811911680
12	$\mathcal{O}(2; \{6^8, 4^4, 2^{10}\})$	14266368
12	$\mathcal{O}(2; \{6^8, 4^4, 3^3, 2^6\})$	113135616
12	$\mathcal{O}(2; \{6^8, 4^4, 3^6, 2^2\})$	906080256
12	$\mathcal{O}(2; \{6^8, 4^6, 2^7\})$	57065472
12	$\mathcal{O}(2; \{6^8, 4^6, 3^3, 2^3\})$	452542464
12	$\mathcal{O}(2; \{6^8, 4^8, 2^4\})$	228261888
12	$\mathcal{O}(2; \{6^8, 4^8, 3^3\})$	1810169856
12	$\mathcal{O}(2; \{6^8, 4^{10}, 2\})$	913047552
12	$\mathcal{O}(2; \{6^9, 3, 2^{13}\})$	6648480
12	$\mathcal{O}(2; \{6^9, 3^4, 2^9\})$	53071200
12	$\mathcal{O}(2; \{6^9, 3^7, 2^5\})$	424686240
12	$\mathcal{O}(2; \{6^9, 3^{10}, 2\})$	3397373280
12	$\mathcal{O}(2; \{6^9, 4^2, 3, 2^{10}\})$	14183424
12	$\mathcal{O}(2; \{6^9, 4^2, 3^4, 2^6\})$	113218560
12	$\mathcal{O}(2; \{6^9, 4^2, 3^7, 2^2\})$	905997312
12	$\mathcal{O}(2; \{6^9, 4^4, 3, 2^7\})$	56733696
12	$\mathcal{O}(2; \{6^9, 4^4, 3^4, 2^3\})$	452874240
12	$\mathcal{O}(2; \{6^9, 4^6, 3, 2^4\})$	226934784
12	$\mathcal{O}(2; \{6^9, 4^6, 3^4\})$	1811496960
12	$\mathcal{O}(2; \{6^9, 4^8, 3, 2\})$	907739136
12	$\mathcal{O}(2; \{6^{10}, 3^2, 2^{10}\})$	26555040
12	$\mathcal{O}(2; \{6^{10}, 3^5, 2^6\})$	212323680
12	$\mathcal{O}(2; \{6^{10}, 3^8, 2^2\})$	1698706080
12	$\mathcal{O}(2; \{6^{10}, 4^2, 3^2, 2^7\})$	56650752
12	$\mathcal{O}(2; \{6^{10}, 4^2, 3^5, 2^3\})$	452957184
12	$\mathcal{O}(2; \{6^{10}, 4^4, 3^2, 2^4\})$	226603008
12	$\mathcal{O}(2; \{6^{10}, 4^4, 3^5\})$	1811828736
12	$\mathcal{O}(2; \{6^{10}, 4^6, 3^2, 2\})$	906412032
12	$\mathcal{O}(2; \{6^{11}, 2^{11}\})$	13258080
12	$\mathcal{O}(2; \{6^{11}, 3^3, 2^7\})$	106181280
12	$\mathcal{O}(2; \{6^{11}, 3^6, 2^3\})$	849333600
12	$\mathcal{O}(2; \{6^{11}, 4^2, 2^8\})$	28283904
12	$\mathcal{O}(2; \{6^{11}, 4^2, 3^3, 2^4\})$	226520064
12	$\mathcal{O}(2; \{6^{11}, 4^2, 3^6\})$	1811911680
12	$\mathcal{O}(2; \{6^{11}, 4^4, 2^5\})$	113135616
12	$\mathcal{O}(2; \{6^{11}, 4^4, 3^3, 2\})$	906080256
12	$\mathcal{O}(2; \{6^{11}, 4^6, 2^2\})$	452542464
12	$\mathcal{O}(2; \{6^{12}, 3, 2^8\})$	53071200
12	$\mathcal{O}(2; \{6^{12}, 3^4, 2^4\})$	424686240

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{6^{12}, 3^7\})$	3397373280
12	$\mathcal{O}(2; \{6^{12}, 4^2, 3, 2^5\})$	113218560
12	$\mathcal{O}(2; \{6^{12}, 4^2, 3^4, 2\})$	905997312
12	$\mathcal{O}(2; \{6^{12}, 4^4, 3, 2^2\})$	452874240
12	$\mathcal{O}(2; \{6^{13}, 3^2, 2^5\})$	212323680
12	$\mathcal{O}(2; \{6^{13}, 3^5, 2\})$	1698706080
12	$\mathcal{O}(2; \{6^{13}, 4^2, 3^2, 2^2\})$	452957184
12	$\mathcal{O}(2; \{6^{14}, 2^6\})$	106181280
12	$\mathcal{O}(2; \{6^{14}, 3^3, 2^2\})$	849333600
12	$\mathcal{O}(2; \{6^{14}, 4^2, 2^3\})$	226520064
12	$\mathcal{O}(2; \{6^{14}, 4^4\})$	906080256
12	$\mathcal{O}(2; \{6^{15}, 3, 2^3\})$	424686240
12	$\mathcal{O}(2; \{6^{15}, 4^2, 3\})$	905997312
12	$\mathcal{O}(2; \{6^{16}, 3^2\})$	1698706080
12	$\mathcal{O}(2; \{6^{17}, 2\})$	849333600
12	$\mathcal{O}(2; \{12, 4, 3^3, 2^{22}\})$	248832
12	$\mathcal{O}(2; \{12, 4, 3^6, 2^{18}\})$	1741824
12	$\mathcal{O}(2; \{12, 4, 3^9, 2^{14}\})$	14183424
12	$\mathcal{O}(2; \{12, 4, 3^{12}, 2^{10}\})$	113218560
12	$\mathcal{O}(2; \{12, 4, 3^{15}, 2^6\})$	905997312
12	$\mathcal{O}(2; \{12, 4, 3^{18}, 2^2\})$	7247729664
12	$\mathcal{O}(2; \{12, 4^3, 3^3, 2^{19}\})$	995328
12	$\mathcal{O}(2; \{12, 4^3, 3^6, 2^{15}\})$	6967296
12	$\mathcal{O}(2; \{12, 4^3, 3^9, 2^{11}\})$	56733696
12	$\mathcal{O}(2; \{12, 4^3, 3^{12}, 2^7\})$	452874240
12	$\mathcal{O}(2; \{12, 4^3, 3^{15}, 2^3\})$	3623989248
12	$\mathcal{O}(2; \{12, 4^5, 3^3, 2^{16}\})$	3981312
12	$\mathcal{O}(2; \{12, 4^5, 3^6, 2^{12}\})$	27869184
12	$\mathcal{O}(2; \{12, 4^5, 3^9, 2^8\})$	226934784
12	$\mathcal{O}(2; \{12, 4^5, 3^{12}, 2^4\})$	1811496960
12	$\mathcal{O}(2; \{12, 4^5, 3^{15}\})$	14495956992
12	$\mathcal{O}(2; \{12, 4^7, 3^3, 2^{13}\})$	15925248
12	$\mathcal{O}(2; \{12, 4^7, 3^6, 2^9\})$	111476736
12	$\mathcal{O}(2; \{12, 4^7, 3^9, 2^5\})$	907739136
12	$\mathcal{O}(2; \{12, 4^7, 3^{12}, 2\})$	7245987840
12	$\mathcal{O}(2; \{12, 4^9, 3^3, 2^{10}\})$	63700992
12	$\mathcal{O}(2; \{12, 4^9, 3^6, 2^6\})$	445906944
12	$\mathcal{O}(2; \{12, 4^9, 3^9, 2^2\})$	3630956544
12	$\mathcal{O}(2; \{12, 4^{11}, 3^3, 2^7\})$	254803968
12	$\mathcal{O}(2; \{12, 4^{11}, 3^6, 2^3\})$	1783627776
12	$\mathcal{O}(2; \{12, 4^{13}, 3^3, 2^4\})$	1019215872
12	$\mathcal{O}(2; \{12, 4^{13}, 3^6\})$	7134511104
12	$\mathcal{O}(2; \{12, 4^{15}, 3^3, 2\})$	4076863488

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 6, 4, 3, 2^{23}\})$	82944
12	$\mathcal{O}(2; \{12, 6, 4, 3^4, 2^{19}\})$	912384
12	$\mathcal{O}(2; \{12, 6, 4, 3^7, 2^{15}\})$	7050240
12	$\mathcal{O}(2; \{12, 6, 4, 3^{10}, 2^{11}\})$	56650752
12	$\mathcal{O}(2; \{12, 6, 4, 3^{13}, 2^7\})$	452957184
12	$\mathcal{O}(2; \{12, 6, 4, 3^{16}, 2^3\})$	3623906304
12	$\mathcal{O}(2; \{12, 6, 4^3, 3, 2^{20}\})$	331776
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^4, 2^{16}\})$	3649536
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^7, 2^{12}\})$	28200960
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^{10}, 2^8\})$	226603008
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^{13}, 2^4\})$	1811828736
12	$\mathcal{O}(2; \{12, 6, 4^3, 3^{16}\})$	14495625216
12	$\mathcal{O}(2; \{12, 6, 4^5, 3, 2^{17}\})$	1327104
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^4, 2^{13}\})$	14598144
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^7, 2^9\})$	112803840
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^{10}, 2^5\})$	906412032
12	$\mathcal{O}(2; \{12, 6, 4^5, 3^{13}, 2\})$	7247314944
12	$\mathcal{O}(2; \{12, 6, 4^7, 3, 2^{14}\})$	5308416
12	$\mathcal{O}(2; \{12, 6, 4^7, 3^4, 2^{10}\})$	58392576
12	$\mathcal{O}(2; \{12, 6, 4^7, 3^7, 2^6\})$	451215360
12	$\mathcal{O}(2; \{12, 6, 4^7, 3^{10}, 2^2\})$	3625648128
12	$\mathcal{O}(2; \{12, 6, 4^9, 3, 2^{11}\})$	21233664
12	$\mathcal{O}(2; \{12, 6, 4^9, 3^4, 2^7\})$	233570304
12	$\mathcal{O}(2; \{12, 6, 4^9, 3^7, 2^3\})$	1804861440
12	$\mathcal{O}(2; \{12, 6, 4^{11}, 3, 2^8\})$	84934656
12	$\mathcal{O}(2; \{12, 6, 4^{11}, 3^4, 2^4\})$	934281216
12	$\mathcal{O}(2; \{12, 6, 4^{11}, 3^7\})$	7219445760
12	$\mathcal{O}(2; \{12, 6, 4^{13}, 3, 2^5\})$	339738624
12	$\mathcal{O}(2; \{12, 6, 4^{13}, 3^4, 2\})$	3737124864
12	$\mathcal{O}(2; \{12, 6, 4^{15}, 3, 2^2\})$	1358954496
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^2, 2^{20}\})$	414720
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^5, 2^{16}\})$	3566592
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^8, 2^{12}\})$	28283904
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^{11}, 2^8\})$	226520064
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^{14}, 2^4\})$	1811911680
12	$\mathcal{O}(2; \{12, 6^2, 4, 3^{17}\})$	14495542272
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^2, 2^{17}\})$	1658880
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^5, 2^{13}\})$	14266368
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^8, 2^9\})$	113135616
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^{11}, 2^5\})$	906080256
12	$\mathcal{O}(2; \{12, 6^2, 4^3, 3^{14}, 2\})$	7247646720
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3^2, 2^{14}\})$	6635520
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3^5, 2^{10}\})$	57065472

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3^8, 2^6\})$	452542464
12	$\mathcal{O}(2; \{12, 6^2, 4^5, 3^{11}, 2^2\})$	3624321024
12	$\mathcal{O}(2; \{12, 6^2, 4^7, 3^2, 2^{11}\})$	26542080
12	$\mathcal{O}(2; \{12, 6^2, 4^7, 3^5, 2^7\})$	228261888
12	$\mathcal{O}(2; \{12, 6^2, 4^7, 3^8, 2^3\})$	1810169856
12	$\mathcal{O}(2; \{12, 6^2, 4^9, 3^2, 2^8\})$	106168320
12	$\mathcal{O}(2; \{12, 6^2, 4^9, 3^5, 2^4\})$	913047552
12	$\mathcal{O}(2; \{12, 6^2, 4^9, 3^8\})$	7240679424
12	$\mathcal{O}(2; \{12, 6^2, 4^{11}, 3^2, 2^5\})$	424673280
12	$\mathcal{O}(2; \{12, 6^2, 4^{11}, 3^5, 2\})$	3652190208
12	$\mathcal{O}(2; \{12, 6^2, 4^{13}, 3^2, 2^2\})$	1698693120
12	$\mathcal{O}(2; \{12, 6^3, 4, 2^{21}\})$	248832
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^3, 2^{17}\})$	1741824
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^6, 2^{13}\})$	14183424
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^9, 2^9\})$	113218560
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^{12}, 2^5\})$	905997312
12	$\mathcal{O}(2; \{12, 6^3, 4, 3^{15}, 2\})$	7247729664
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 2^{18}\})$	995328
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^3, 2^{14}\})$	6967296
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^6, 2^{10}\})$	56733696
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^9, 2^6\})$	452874240
12	$\mathcal{O}(2; \{12, 6^3, 4^3, 3^{12}, 2^2\})$	3623989248
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 2^{15}\})$	3981312
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 3^3, 2^{11}\})$	27869184
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 3^6, 2^7\})$	226934784
12	$\mathcal{O}(2; \{12, 6^3, 4^5, 3^9, 2^3\})$	1811496960
12	$\mathcal{O}(2; \{12, 6^3, 4^7, 2^{12}\})$	15925248
12	$\mathcal{O}(2; \{12, 6^3, 4^7, 3^3, 2^8\})$	111476736
12	$\mathcal{O}(2; \{12, 6^3, 4^7, 3^6, 2^4\})$	907739136
12	$\mathcal{O}(2; \{12, 6^3, 4^7, 3^9\})$	7245987840
12	$\mathcal{O}(2; \{12, 6^3, 4^9, 2^9\})$	63700992
12	$\mathcal{O}(2; \{12, 6^3, 4^9, 3^3, 2^5\})$	445906944
12	$\mathcal{O}(2; \{12, 6^3, 4^9, 3^6, 2\})$	3630956544
12	$\mathcal{O}(2; \{12, 6^3, 4^{11}, 2^6\})$	254803968
12	$\mathcal{O}(2; \{12, 6^3, 4^{11}, 3^3, 2^2\})$	1783627776
12	$\mathcal{O}(2; \{12, 6^3, 4^{13}, 2^3\})$	1019215872
12	$\mathcal{O}(2; \{12, 6^3, 4^{15}\})$	4076863488
12	$\mathcal{O}(2; \{12, 6^4, 4, 3, 2^{18}\})$	912384
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^4, 2^{14}\})$	7050240
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^7, 2^{10}\})$	56650752
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^{10}, 2^6\})$	452957184
12	$\mathcal{O}(2; \{12, 6^4, 4, 3^{13}, 2^2\})$	3623906304
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3, 2^{15}\})$	3649536

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3^4, 2^{11}\})$	28200960
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3^7, 2^7\})$	226603008
12	$\mathcal{O}(2; \{12, 6^4, 4^3, 3^{10}, 2^3\})$	1811828736
12	$\mathcal{O}(2; \{12, 6^4, 4^5, 3, 2^{12}\})$	14598144
12	$\mathcal{O}(2; \{12, 6^4, 4^5, 3^4, 2^8\})$	112803840
12	$\mathcal{O}(2; \{12, 6^4, 4^5, 3^7, 2^4\})$	906412032
12	$\mathcal{O}(2; \{12, 6^4, 4^5, 3^{10}\})$	7247314944
12	$\mathcal{O}(2; \{12, 6^4, 4^7, 3, 2^9\})$	58392576
12	$\mathcal{O}(2; \{12, 6^4, 4^7, 3^4, 2^5\})$	451215360
12	$\mathcal{O}(2; \{12, 6^4, 4^7, 3^7, 2\})$	3625648128
12	$\mathcal{O}(2; \{12, 6^4, 4^9, 3, 2^6\})$	233570304
12	$\mathcal{O}(2; \{12, 6^4, 4^9, 3^4, 2^2\})$	1804861440
12	$\mathcal{O}(2; \{12, 6^4, 4^{11}, 3, 2^3\})$	934281216
12	$\mathcal{O}(2; \{12, 6^4, 4^{13}, 3\})$	3737124864
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^2, 2^{15}\})$	3566592
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^5, 2^{11}\})$	28283904
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^8, 2^7\})$	226520064
12	$\mathcal{O}(2; \{12, 6^5, 4, 3^{11}, 2^3\})$	1811911680
12	$\mathcal{O}(2; \{12, 6^5, 4^3, 3^2, 2^{12}\})$	14266368
12	$\mathcal{O}(2; \{12, 6^5, 4^3, 3^5, 2^8\})$	113135616
12	$\mathcal{O}(2; \{12, 6^5, 4^3, 3^8, 2^4\})$	906080256
12	$\mathcal{O}(2; \{12, 6^5, 4^3, 3^{11}\})$	7247646720
12	$\mathcal{O}(2; \{12, 6^5, 4^5, 3^2, 2^9\})$	57065472
12	$\mathcal{O}(2; \{12, 6^5, 4^5, 3^5, 2^5\})$	452542464
12	$\mathcal{O}(2; \{12, 6^5, 4^5, 3^8, 2\})$	3624321024
12	$\mathcal{O}(2; \{12, 6^5, 4^7, 3^2, 2^6\})$	228261888
12	$\mathcal{O}(2; \{12, 6^5, 4^7, 3^5, 2^2\})$	1810169856
12	$\mathcal{O}(2; \{12, 6^5, 4^9, 3^2, 2^3\})$	913047552
12	$\mathcal{O}(2; \{12, 6^5, 4^{11}, 3^2\})$	3652190208
12	$\mathcal{O}(2; \{12, 6^6, 4, 2^{16}\})$	1741824
12	$\mathcal{O}(2; \{12, 6^6, 4, 3^3, 2^{12}\})$	14183424
12	$\mathcal{O}(2; \{12, 6^6, 4, 3^6, 2^8\})$	113218560
12	$\mathcal{O}(2; \{12, 6^6, 4, 3^9, 2^4\})$	905997312
12	$\mathcal{O}(2; \{12, 6^6, 4, 3^{12}\})$	7247729664
12	$\mathcal{O}(2; \{12, 6^6, 4^3, 2^{13}\})$	6967296
12	$\mathcal{O}(2; \{12, 6^6, 4^3, 3^3, 2^9\})$	56733696
12	$\mathcal{O}(2; \{12, 6^6, 4^3, 3^6, 2^5\})$	452874240
12	$\mathcal{O}(2; \{12, 6^6, 4^3, 3^9, 2\})$	3623989248
12	$\mathcal{O}(2; \{12, 6^6, 4^5, 2^{10}\})$	27869184
12	$\mathcal{O}(2; \{12, 6^6, 4^5, 3^3, 2^6\})$	226934784
12	$\mathcal{O}(2; \{12, 6^6, 4^5, 3^6, 2^2\})$	1811496960
12	$\mathcal{O}(2; \{12, 6^6, 4^7, 2^7\})$	111476736
12	$\mathcal{O}(2; \{12, 6^6, 4^7, 3^3, 2^3\})$	907739136

Continued on next page

Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 6^6, 4^9, 2^4\})$	445906944
12	$\mathcal{O}(2; \{12, 6^6, 4^9, 3^3\})$	3630956544
12	$\mathcal{O}(2; \{12, 6^6, 4^{11}, 2\})$	1783627776
12	$\mathcal{O}(2; \{12, 6^7, 4, 3, 2^{13}\})$	7050240
12	$\mathcal{O}(2; \{12, 6^7, 4, 3^4, 2^9\})$	56650752
12	$\mathcal{O}(2; \{12, 6^7, 4, 3^7, 2^5\})$	452957184
12	$\mathcal{O}(2; \{12, 6^7, 4, 3^{10}, 2\})$	3623906304
12	$\mathcal{O}(2; \{12, 6^7, 4^3, 3, 2^{10}\})$	28200960
12	$\mathcal{O}(2; \{12, 6^7, 4^3, 3^4, 2^6\})$	226603008
12	$\mathcal{O}(2; \{12, 6^7, 4^3, 3^7, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{12, 6^7, 4^5, 3, 2^7\})$	112803840
12	$\mathcal{O}(2; \{12, 6^7, 4^5, 3^4, 2^3\})$	906412032
12	$\mathcal{O}(2; \{12, 6^7, 4^7, 3, 2^4\})$	451215360
12	$\mathcal{O}(2; \{12, 6^7, 4^7, 3^4\})$	3625648128
12	$\mathcal{O}(2; \{12, 6^7, 4^9, 3, 2\})$	1804861440
12	$\mathcal{O}(2; \{12, 6^8, 4, 3^2, 2^{10}\})$	28283904
12	$\mathcal{O}(2; \{12, 6^8, 4, 3^5, 2^6\})$	226520064
12	$\mathcal{O}(2; \{12, 6^8, 4, 3^8, 2^2\})$	1811911680
12	$\mathcal{O}(2; \{12, 6^8, 4^3, 3^2, 2^7\})$	113135616
12	$\mathcal{O}(2; \{12, 6^8, 4^3, 3^5, 2^3\})$	906080256
12	$\mathcal{O}(2; \{12, 6^8, 4^5, 3^2, 2^4\})$	452542464
12	$\mathcal{O}(2; \{12, 6^8, 4^5, 3^5\})$	3624321024
12	$\mathcal{O}(2; \{12, 6^8, 4^7, 3^2, 2\})$	1810169856
12	$\mathcal{O}(2; \{12, 6^9, 4, 2^{11}\})$	14183424
12	$\mathcal{O}(2; \{12, 6^9, 4, 3^3, 2^7\})$	113218560
12	$\mathcal{O}(2; \{12, 6^9, 4, 3^6, 2^3\})$	905997312
12	$\mathcal{O}(2; \{12, 6^9, 4^3, 2^8\})$	56733696
12	$\mathcal{O}(2; \{12, 6^9, 4^3, 3^3, 2^4\})$	452874240
12	$\mathcal{O}(2; \{12, 6^9, 4^3, 3^6\})$	3623989248
12	$\mathcal{O}(2; \{12, 6^9, 4^5, 2^5\})$	226934784
12	$\mathcal{O}(2; \{12, 6^9, 4^5, 3^3, 2\})$	1811496960
12	$\mathcal{O}(2; \{12, 6^9, 4^7, 2^2\})$	907739136
12	$\mathcal{O}(2; \{12, 6^{10}, 4, 3, 2^8\})$	56650752
12	$\mathcal{O}(2; \{12, 6^{10}, 4, 3^4, 2^4\})$	452957184
12	$\mathcal{O}(2; \{12, 6^{10}, 4, 3^7\})$	3623906304
12	$\mathcal{O}(2; \{12, 6^{10}, 4^3, 3, 2^5\})$	226603008
12	$\mathcal{O}(2; \{12, 6^{10}, 4^3, 3^4, 2\})$	1811828736
12	$\mathcal{O}(2; \{12, 6^{10}, 4^5, 3, 2^2\})$	906412032
12	$\mathcal{O}(2; \{12, 6^{11}, 4, 3^2, 2^5\})$	226520064
12	$\mathcal{O}(2; \{12, 6^{11}, 4, 3^5, 2\})$	1811911680
12	$\mathcal{O}(2; \{12, 6^{11}, 4^3, 3^2, 2^2\})$	906080256
12	$\mathcal{O}(2; \{12, 6^{12}, 4, 2^6\})$	113218560
12	$\mathcal{O}(2; \{12, 6^{12}, 4, 3^3, 2^2\})$	905997312

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12, 6^{12}, 4^3, 2^3\})$	452874240
12	$\mathcal{O}(2; \{12, 6^{12}, 4^5\})$	1811496960
12	$\mathcal{O}(2; \{12, 6^{13}, 4, 3, 2^3\})$	452957184
12	$\mathcal{O}(2; \{12, 6^{13}, 4^3, 3\})$	1811828736
12	$\mathcal{O}(2; \{12, 6^{14}, 4, 3^2\})$	1811911680
12	$\mathcal{O}(2; \{12, 6^{15}, 4, 2\})$	905997312
12	$\mathcal{O}(2; \{12^2, 3^2, 2^{23}\})$	248832
12	$\mathcal{O}(2; \{12^2, 3^5, 2^{19}\})$	1741824
12	$\mathcal{O}(2; \{12^2, 3^8, 2^{15}\})$	14183424
12	$\mathcal{O}(2; \{12^2, 3^{11}, 2^{11}\})$	113218560
12	$\mathcal{O}(2; \{12^2, 3^{14}, 2^7\})$	905997312
12	$\mathcal{O}(2; \{12^2, 3^{17}, 2^3\})$	7247729664
12	$\mathcal{O}(2; \{12^2, 4^2, 3^2, 2^{20}\})$	995328
12	$\mathcal{O}(2; \{12^2, 4^2, 3^5, 2^{16}\})$	6967296
12	$\mathcal{O}(2; \{12^2, 4^2, 3^8, 2^{12}\})$	56733696
12	$\mathcal{O}(2; \{12^2, 4^2, 3^{11}, 2^8\})$	452874240
12	$\mathcal{O}(2; \{12^2, 4^2, 3^{14}, 2^4\})$	3623989248
12	$\mathcal{O}(2; \{12^2, 4^2, 3^{17}\})$	28990918656
12	$\mathcal{O}(2; \{12^2, 4^4, 3^2, 2^{17}\})$	3981312
12	$\mathcal{O}(2; \{12^2, 4^4, 3^5, 2^{13}\})$	27869184
12	$\mathcal{O}(2; \{12^2, 4^4, 3^8, 2^9\})$	226934784
12	$\mathcal{O}(2; \{12^2, 4^4, 3^{11}, 2^5\})$	1811496960
12	$\mathcal{O}(2; \{12^2, 4^4, 3^{14}, 2\})$	14495956992
12	$\mathcal{O}(2; \{12^2, 4^6, 3^2, 2^{14}\})$	15925248
12	$\mathcal{O}(2; \{12^2, 4^6, 3^5, 2^{10}\})$	111476736
12	$\mathcal{O}(2; \{12^2, 4^6, 3^8, 2^6\})$	907739136
12	$\mathcal{O}(2; \{12^2, 4^6, 3^{11}, 2^2\})$	7245987840
12	$\mathcal{O}(2; \{12^2, 4^8, 3^2, 2^{11}\})$	63700992
12	$\mathcal{O}(2; \{12^2, 4^8, 3^5, 2^7\})$	445906944
12	$\mathcal{O}(2; \{12^2, 4^8, 3^8, 2^3\})$	3630956544
12	$\mathcal{O}(2; \{12^2, 4^{10}, 3^2, 2^8\})$	254803968
12	$\mathcal{O}(2; \{12^2, 4^{10}, 3^5, 2^4\})$	1783627776
12	$\mathcal{O}(2; \{12^2, 4^{10}, 3^8\})$	14523826176
12	$\mathcal{O}(2; \{12^2, 4^{12}, 3^2, 2^5\})$	1019215872
12	$\mathcal{O}(2; \{12^2, 4^{12}, 3^5, 2\})$	7134511104
12	$\mathcal{O}(2; \{12^2, 4^{14}, 3^2, 2^2\})$	4076863488
12	$\mathcal{O}(2; \{12^2, 6, 2^{24}\})$	82944
12	$\mathcal{O}(2; \{12^2, 6, 3^3, 2^{20}\})$	912384
12	$\mathcal{O}(2; \{12^2, 6, 3^6, 2^{16}\})$	7050240
12	$\mathcal{O}(2; \{12^2, 6, 3^9, 2^{12}\})$	56650752
12	$\mathcal{O}(2; \{12^2, 6, 3^{12}, 2^8\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6, 3^{15}, 2^4\})$	3623906304
12	$\mathcal{O}(2; \{12^2, 6, 3^{18}\})$	28991001600

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 2^{21}\})$	331776
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^3, 2^{17}\})$	3649536
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^6, 2^{13}\})$	28200960
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^9, 2^9\})$	226603008
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^{12}, 2^5\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6, 4^2, 3^{15}, 2\})$	14495625216
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 2^{18}\})$	1327104
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^3, 2^{14}\})$	14598144
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^6, 2^{10}\})$	112803840
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^9, 2^6\})$	906412032
12	$\mathcal{O}(2; \{12^2, 6, 4^4, 3^{12}, 2^2\})$	7247314944
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 2^{15}\})$	5308416
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 3^3, 2^{11}\})$	58392576
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 3^6, 2^7\})$	451215360
12	$\mathcal{O}(2; \{12^2, 6, 4^6, 3^9, 2^3\})$	3625648128
12	$\mathcal{O}(2; \{12^2, 6, 4^8, 2^{12}\})$	21233664
12	$\mathcal{O}(2; \{12^2, 6, 4^8, 3^3, 2^8\})$	233570304
12	$\mathcal{O}(2; \{12^2, 6, 4^8, 3^6, 2^4\})$	1804861440
12	$\mathcal{O}(2; \{12^2, 6, 4^8, 3^9\})$	14502592512
12	$\mathcal{O}(2; \{12^2, 6, 4^{10}, 2^9\})$	84934656
12	$\mathcal{O}(2; \{12^2, 6, 4^{10}, 3^3, 2^5\})$	934281216
12	$\mathcal{O}(2; \{12^2, 6, 4^{10}, 3^6, 2\})$	7219445760
12	$\mathcal{O}(2; \{12^2, 6, 4^{12}, 2^6\})$	339738624
12	$\mathcal{O}(2; \{12^2, 6, 4^{12}, 3^3, 2^2\})$	3737124864
12	$\mathcal{O}(2; \{12^2, 6, 4^{14}, 2^3\})$	1358954496
12	$\mathcal{O}(2; \{12^2, 6, 4^{16}\})$	5435817984
12	$\mathcal{O}(2; \{12^2, 6^2, 3, 2^{21}\})$	414720
12	$\mathcal{O}(2; \{12^2, 6^2, 3^4, 2^{17}\})$	3566592
12	$\mathcal{O}(2; \{12^2, 6^2, 3^7, 2^{13}\})$	28283904
12	$\mathcal{O}(2; \{12^2, 6^2, 3^{10}, 2^9\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^2, 3^{13}, 2^5\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6^2, 3^{16}, 2\})$	14495542272
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3, 2^{18}\})$	1658880
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^4, 2^{14}\})$	14266368
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^7, 2^{10}\})$	113135616
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^{10}, 2^6\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^{13}, 2^2\})$	7247646720
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3, 2^{15}\})$	6635520
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3^4, 2^{11}\})$	57065472
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3^7, 2^7\})$	452542464
12	$\mathcal{O}(2; \{12^2, 6^2, 4^4, 3^{10}, 2^3\})$	3624321024
12	$\mathcal{O}(2; \{12^2, 6^2, 4^6, 3, 2^{12}\})$	26542080
12	$\mathcal{O}(2; \{12^2, 6^2, 4^6, 3^4, 2^8\})$	228261888

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 6^2, 4^6, 3^7, 2^4\})$	1810169856
12	$\mathcal{O}(2; \{12^2, 6^2, 4^6, 3^{10}\})$	14497284096
12	$\mathcal{O}(2; \{12^2, 6^2, 4^8, 3, 2^9\})$	106168320
12	$\mathcal{O}(2; \{12^2, 6^2, 4^8, 3^4, 2^5\})$	913047552
12	$\mathcal{O}(2; \{12^2, 6^2, 4^8, 3^7, 2\})$	7240679424
12	$\mathcal{O}(2; \{12^2, 6^2, 4^{10}, 3, 2^6\})$	424673280
12	$\mathcal{O}(2; \{12^2, 6^2, 4^{10}, 3^4, 2^2\})$	3652190208
12	$\mathcal{O}(2; \{12^2, 6^2, 4^{12}, 3, 2^3\})$	1698693120
12	$\mathcal{O}(2; \{12^2, 6^2, 4^{14}, 3\})$	6794772480
12	$\mathcal{O}(2; \{12^2, 6^3, 3^2, 2^{18}\})$	1741824
12	$\mathcal{O}(2; \{12^2, 6^3, 3^5, 2^{14}\})$	14183424
12	$\mathcal{O}(2; \{12^2, 6^3, 3^8, 2^{10}\})$	113218560
12	$\mathcal{O}(2; \{12^2, 6^3, 3^{11}, 2^6\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^3, 3^{14}, 2^2\})$	7247729664
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^2, 2^{15}\})$	6967296
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^5, 2^{11}\})$	56733696
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^8, 2^7\})$	452874240
12	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 3^{11}, 2^3\})$	3623989248
12	$\mathcal{O}(2; \{12^2, 6^3, 4^4, 3^2, 2^{12}\})$	27869184
12	$\mathcal{O}(2; \{12^2, 6^3, 4^4, 3^5, 2^8\})$	226934784
12	$\mathcal{O}(2; \{12^2, 6^3, 4^4, 3^8, 2^4\})$	1811496960
12	$\mathcal{O}(2; \{12^2, 6^3, 4^4, 3^{11}\})$	14495956992
12	$\mathcal{O}(2; \{12^2, 6^3, 4^6, 3^2, 2^9\})$	111476736
12	$\mathcal{O}(2; \{12^2, 6^3, 4^6, 3^5, 2^5\})$	907739136
12	$\mathcal{O}(2; \{12^2, 6^3, 4^6, 3^8, 2\})$	7245987840
12	$\mathcal{O}(2; \{12^2, 6^3, 4^8, 3^2, 2^6\})$	445906944
12	$\mathcal{O}(2; \{12^2, 6^3, 4^8, 3^5, 2^2\})$	3630956544
12	$\mathcal{O}(2; \{12^2, 6^3, 4^{10}, 3^2, 2^3\})$	1783627776
12	$\mathcal{O}(2; \{12^2, 6^3, 4^{12}, 3^2\})$	7134511104
12	$\mathcal{O}(2; \{12^2, 6^4, 2^{19}\})$	912384
12	$\mathcal{O}(2; \{12^2, 6^4, 3^3, 2^{15}\})$	7050240
12	$\mathcal{O}(2; \{12^2, 6^4, 3^6, 2^{11}\})$	56650752
12	$\mathcal{O}(2; \{12^2, 6^4, 3^9, 2^7\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^4, 3^{12}, 2^3\})$	3623906304
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 2^{16}\})$	3649536
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 3^3, 2^{12}\})$	28200960
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 3^6, 2^8\})$	226603008
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 3^9, 2^4\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6^4, 4^2, 3^{12}\})$	14495625216
12	$\mathcal{O}(2; \{12^2, 6^4, 4^4, 2^{13}\})$	14598144
12	$\mathcal{O}(2; \{12^2, 6^4, 4^4, 3^3, 2^9\})$	112803840
12	$\mathcal{O}(2; \{12^2, 6^4, 4^4, 3^6, 2^5\})$	906412032
12	$\mathcal{O}(2; \{12^2, 6^4, 4^4, 3^9, 2\})$	7247314944

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 6^4, 4^6, 2^{10}\})$	58392576
12	$\mathcal{O}(2; \{12^2, 6^4, 4^6, 3^3, 2^6\})$	451215360
12	$\mathcal{O}(2; \{12^2, 6^4, 4^6, 3^6, 2^2\})$	3625648128
12	$\mathcal{O}(2; \{12^2, 6^4, 4^8, 2^7\})$	233570304
12	$\mathcal{O}(2; \{12^2, 6^4, 4^8, 3^3, 2^3\})$	1804861440
12	$\mathcal{O}(2; \{12^2, 6^4, 4^{10}, 2^4\})$	934281216
12	$\mathcal{O}(2; \{12^2, 6^4, 4^{10}, 3^3\})$	7219445760
12	$\mathcal{O}(2; \{12^2, 6^4, 4^{12}, 2\})$	3737124864
12	$\mathcal{O}(2; \{12^2, 6^5, 3, 2^{16}\})$	3566592
12	$\mathcal{O}(2; \{12^2, 6^5, 3^4, 2^{12}\})$	28283904
12	$\mathcal{O}(2; \{12^2, 6^5, 3^7, 2^8\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^5, 3^{10}, 2^4\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6^5, 3^{13}\})$	14495542272
12	$\mathcal{O}(2; \{12^2, 6^5, 4^2, 3, 2^{13}\})$	14266368
12	$\mathcal{O}(2; \{12^2, 6^5, 4^2, 3^4, 2^9\})$	113135616
12	$\mathcal{O}(2; \{12^2, 6^5, 4^2, 3^7, 2^5\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^5, 4^2, 3^{10}, 2\})$	7247646720
12	$\mathcal{O}(2; \{12^2, 6^5, 4^4, 3, 2^{10}\})$	57065472
12	$\mathcal{O}(2; \{12^2, 6^5, 4^4, 3^4, 2^6\})$	452542464
12	$\mathcal{O}(2; \{12^2, 6^5, 4^4, 3^7, 2^2\})$	3624321024
12	$\mathcal{O}(2; \{12^2, 6^5, 4^6, 3, 2^7\})$	228261888
12	$\mathcal{O}(2; \{12^2, 6^5, 4^6, 3^4, 2^3\})$	1810169856
12	$\mathcal{O}(2; \{12^2, 6^5, 4^8, 3, 2^4\})$	913047552
12	$\mathcal{O}(2; \{12^2, 6^5, 4^8, 3^4\})$	7240679424
12	$\mathcal{O}(2; \{12^2, 6^5, 4^{10}, 3, 2\})$	3652190208
12	$\mathcal{O}(2; \{12^2, 6^6, 3^2, 2^{13}\})$	14183424
12	$\mathcal{O}(2; \{12^2, 6^6, 3^5, 2^9\})$	113218560
12	$\mathcal{O}(2; \{12^2, 6^6, 3^8, 2^5\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^6, 3^{11}, 2\})$	7247729664
12	$\mathcal{O}(2; \{12^2, 6^6, 4^2, 3^2, 2^{10}\})$	56733696
12	$\mathcal{O}(2; \{12^2, 6^6, 4^2, 3^5, 2^6\})$	452874240
12	$\mathcal{O}(2; \{12^2, 6^6, 4^2, 3^8, 2^2\})$	3623989248
12	$\mathcal{O}(2; \{12^2, 6^6, 4^4, 3^2, 2^7\})$	226934784
12	$\mathcal{O}(2; \{12^2, 6^6, 4^4, 3^5, 2^3\})$	1811496960
12	$\mathcal{O}(2; \{12^2, 6^6, 4^6, 3^2, 2^4\})$	907739136
12	$\mathcal{O}(2; \{12^2, 6^6, 4^6, 3^5\})$	7245987840
12	$\mathcal{O}(2; \{12^2, 6^6, 4^8, 3^2, 2\})$	3630956544
12	$\mathcal{O}(2; \{12^2, 6^7, 2^{14}\})$	7050240
12	$\mathcal{O}(2; \{12^2, 6^7, 3^3, 2^{10}\})$	56650752
12	$\mathcal{O}(2; \{12^2, 6^7, 3^6, 2^6\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^7, 3^9, 2^2\})$	3623906304
12	$\mathcal{O}(2; \{12^2, 6^7, 4^2, 2^{11}\})$	28200960
12	$\mathcal{O}(2; \{12^2, 6^7, 4^2, 3^3, 2^7\})$	226603008

Continued on next page

Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^2, 6^7, 4^2, 3^6, 2^3\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6^7, 4^4, 2^8\})$	112803840
12	$\mathcal{O}(2; \{12^2, 6^7, 4^4, 3^3, 2^4\})$	906412032
12	$\mathcal{O}(2; \{12^2, 6^7, 4^4, 3^6\})$	7247314944
12	$\mathcal{O}(2; \{12^2, 6^7, 4^6, 2^5\})$	451215360
12	$\mathcal{O}(2; \{12^2, 6^7, 4^6, 3^3, 2\})$	3625648128
12	$\mathcal{O}(2; \{12^2, 6^7, 4^8, 2^2\})$	1804861440
12	$\mathcal{O}(2; \{12^2, 6^8, 3, 2^{11}\})$	28283904
12	$\mathcal{O}(2; \{12^2, 6^8, 3^4, 2^7\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^8, 3^7, 2^3\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6^8, 4^2, 3, 2^8\})$	113135616
12	$\mathcal{O}(2; \{12^2, 6^8, 4^2, 3^4, 2^4\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^8, 4^2, 3^7\})$	7247646720
12	$\mathcal{O}(2; \{12^2, 6^8, 4^4, 3, 2^5\})$	452542464
12	$\mathcal{O}(2; \{12^2, 6^8, 4^4, 3^4, 2\})$	3624321024
12	$\mathcal{O}(2; \{12^2, 6^8, 4^6, 3, 2^2\})$	1810169856
12	$\mathcal{O}(2; \{12^2, 6^9, 3^2, 2^8\})$	113218560
12	$\mathcal{O}(2; \{12^2, 6^9, 3^5, 2^4\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^9, 3^8\})$	7247729664
12	$\mathcal{O}(2; \{12^2, 6^9, 4^2, 3^2, 2^5\})$	452874240
12	$\mathcal{O}(2; \{12^2, 6^9, 4^2, 3^5, 2\})$	3623989248
12	$\mathcal{O}(2; \{12^2, 6^9, 4^4, 3^2, 2^2\})$	1811496960
12	$\mathcal{O}(2; \{12^2, 6^{10}, 2^9\})$	56650752
12	$\mathcal{O}(2; \{12^2, 6^{10}, 3^3, 2^5\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^{10}, 3^6, 2\})$	3623906304
12	$\mathcal{O}(2; \{12^2, 6^{10}, 4^2, 2^6\})$	226603008
12	$\mathcal{O}(2; \{12^2, 6^{10}, 4^2, 3^3, 2^2\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6^{10}, 4^4, 2^3\})$	906412032
12	$\mathcal{O}(2; \{12^2, 6^{10}, 4^6\})$	3625648128
12	$\mathcal{O}(2; \{12^2, 6^{11}, 3, 2^6\})$	226520064
12	$\mathcal{O}(2; \{12^2, 6^{11}, 3^4, 2^2\})$	1811911680
12	$\mathcal{O}(2; \{12^2, 6^{11}, 4^2, 3, 2^3\})$	906080256
12	$\mathcal{O}(2; \{12^2, 6^{11}, 4^4, 3\})$	3624321024
12	$\mathcal{O}(2; \{12^2, 6^{12}, 3^2, 2^3\})$	905997312
12	$\mathcal{O}(2; \{12^2, 6^{12}, 4^2, 3^2\})$	3623989248
12	$\mathcal{O}(2; \{12^2, 6^{13}, 2^4\})$	452957184
12	$\mathcal{O}(2; \{12^2, 6^{13}, 3^3\})$	3623906304
12	$\mathcal{O}(2; \{12^2, 6^{13}, 4^2, 2\})$	1811828736
12	$\mathcal{O}(2; \{12^2, 6^{14}, 3, 2\})$	1811911680
12	$\mathcal{O}(2; \{12^3, 4, 3, 2^{21}\})$	995328
12	$\mathcal{O}(2; \{12^3, 4, 3^4, 2^{17}\})$	6967296
12	$\mathcal{O}(2; \{12^3, 4, 3^7, 2^{13}\})$	56733696
12	$\mathcal{O}(2; \{12^3, 4, 3^{10}, 2^9\})$	452874240

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^3, 4, 3^{13}, 2^5\})$	3623989248
12	$\mathcal{O}(2; \{12^3, 4, 3^{16}, 2\})$	28990918656
12	$\mathcal{O}(2; \{12^3, 4^3, 3, 2^{18}\})$	3981312
12	$\mathcal{O}(2; \{12^3, 4^3, 3^4, 2^{14}\})$	27869184
12	$\mathcal{O}(2; \{12^3, 4^3, 3^7, 2^{10}\})$	226934784
12	$\mathcal{O}(2; \{12^3, 4^3, 3^{10}, 2^6\})$	1811496960
12	$\mathcal{O}(2; \{12^3, 4^3, 3^{13}, 2^2\})$	14495956992
12	$\mathcal{O}(2; \{12^3, 4^5, 3, 2^{15}\})$	15925248
12	$\mathcal{O}(2; \{12^3, 4^5, 3^4, 2^{11}\})$	111476736
12	$\mathcal{O}(2; \{12^3, 4^5, 3^7, 2^7\})$	907739136
12	$\mathcal{O}(2; \{12^3, 4^5, 3^{10}, 2^3\})$	7245987840
12	$\mathcal{O}(2; \{12^3, 4^7, 3, 2^{12}\})$	63700992
12	$\mathcal{O}(2; \{12^3, 4^7, 3^4, 2^8\})$	445906944
12	$\mathcal{O}(2; \{12^3, 4^7, 3^7, 2^4\})$	3630956544
12	$\mathcal{O}(2; \{12^3, 4^7, 3^{10}\})$	28983951360
12	$\mathcal{O}(2; \{12^3, 4^9, 3, 2^9\})$	254803968
12	$\mathcal{O}(2; \{12^3, 4^9, 3^4, 2^5\})$	1783627776
12	$\mathcal{O}(2; \{12^3, 4^9, 3^7, 2\})$	14523826176
12	$\mathcal{O}(2; \{12^3, 4^{11}, 3, 2^6\})$	1019215872
12	$\mathcal{O}(2; \{12^3, 4^{11}, 3^4, 2^2\})$	7134511104
12	$\mathcal{O}(2; \{12^3, 4^{13}, 3, 2^3\})$	4076863488
12	$\mathcal{O}(2; \{12^3, 4^{15}, 3\})$	16307453952
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^2, 2^{18}\})$	3649536
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^5, 2^{14}\})$	28200960
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^8, 2^{10}\})$	226603008
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^{11}, 2^6\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 6, 4, 3^{14}, 2^2\})$	14495625216
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^2, 2^{15}\})$	14598144
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^5, 2^{11}\})$	112803840
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^8, 2^7\})$	906412032
12	$\mathcal{O}(2; \{12^3, 6, 4^3, 3^{11}, 2^3\})$	7247314944
12	$\mathcal{O}(2; \{12^3, 6, 4^5, 3^2, 2^{12}\})$	58392576
12	$\mathcal{O}(2; \{12^3, 6, 4^5, 3^5, 2^8\})$	451215360
12	$\mathcal{O}(2; \{12^3, 6, 4^5, 3^8, 2^4\})$	3625648128
12	$\mathcal{O}(2; \{12^3, 6, 4^5, 3^{11}\})$	28989259776
12	$\mathcal{O}(2; \{12^3, 6, 4^7, 3^2, 2^9\})$	233570304
12	$\mathcal{O}(2; \{12^3, 6, 4^7, 3^5, 2^5\})$	1804861440
12	$\mathcal{O}(2; \{12^3, 6, 4^7, 3^8, 2\})$	14502592512
12	$\mathcal{O}(2; \{12^3, 6, 4^9, 3^2, 2^6\})$	934281216
12	$\mathcal{O}(2; \{12^3, 6, 4^9, 3^5, 2^2\})$	7219445760
12	$\mathcal{O}(2; \{12^3, 6, 4^{11}, 3^2, 2^3\})$	3737124864
12	$\mathcal{O}(2; \{12^3, 6, 4^{13}, 3^2\})$	14948499456
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 2^{19}\})$	1658880

Continued on next page

Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^3, 2^{15}\})$	14266368
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^6, 2^{11}\})$	113135616
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^9, 2^7\})$	906080256
12	$\mathcal{O}(2; \{12^3, 6^2, 4, 3^{12}, 2^3\})$	7247646720
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 2^{16}\})$	6635520
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 3^3, 2^{12}\})$	57065472
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 3^6, 2^8\})$	452542464
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 3^9, 2^4\})$	3624321024
12	$\mathcal{O}(2; \{12^3, 6^2, 4^3, 3^{12}\})$	28990586880
12	$\mathcal{O}(2; \{12^3, 6^2, 4^5, 2^{13}\})$	26542080
12	$\mathcal{O}(2; \{12^3, 6^2, 4^5, 3^3, 2^9\})$	228261888
12	$\mathcal{O}(2; \{12^3, 6^2, 4^5, 3^6, 2^5\})$	1810169856
12	$\mathcal{O}(2; \{12^3, 6^2, 4^5, 3^9, 2\})$	14497284096
12	$\mathcal{O}(2; \{12^3, 6^2, 4^7, 2^{10}\})$	106168320
12	$\mathcal{O}(2; \{12^3, 6^2, 4^7, 3^3, 2^6\})$	913047552
12	$\mathcal{O}(2; \{12^3, 6^2, 4^7, 3^6, 2^2\})$	7240679424
12	$\mathcal{O}(2; \{12^3, 6^2, 4^9, 2^7\})$	424673280
12	$\mathcal{O}(2; \{12^3, 6^2, 4^9, 3^3, 2^3\})$	3652190208
12	$\mathcal{O}(2; \{12^3, 6^2, 4^{11}, 2^4\})$	1698693120
12	$\mathcal{O}(2; \{12^3, 6^2, 4^{11}, 3^3\})$	14608760832
12	$\mathcal{O}(2; \{12^3, 6^2, 4^{13}, 2\})$	6794772480
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3, 2^{16}\})$	6967296
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3^4, 2^{12}\})$	56733696
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3^7, 2^8\})$	452874240
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3^{10}, 2^4\})$	3623989248
12	$\mathcal{O}(2; \{12^3, 6^3, 4, 3^{13}\})$	28990918656
12	$\mathcal{O}(2; \{12^3, 6^3, 4^3, 3, 2^{13}\})$	27869184
12	$\mathcal{O}(2; \{12^3, 6^3, 4^3, 3^4, 2^9\})$	226934784
12	$\mathcal{O}(2; \{12^3, 6^3, 4^3, 3^7, 2^5\})$	1811496960
12	$\mathcal{O}(2; \{12^3, 6^3, 4^3, 3^{10}, 2\})$	14495956992
12	$\mathcal{O}(2; \{12^3, 6^3, 4^5, 3, 2^{10}\})$	111476736
12	$\mathcal{O}(2; \{12^3, 6^3, 4^5, 3^4, 2^6\})$	907739136
12	$\mathcal{O}(2; \{12^3, 6^3, 4^5, 3^7, 2^2\})$	7245987840
12	$\mathcal{O}(2; \{12^3, 6^3, 4^7, 3, 2^7\})$	445906944
12	$\mathcal{O}(2; \{12^3, 6^3, 4^7, 3^4, 2^3\})$	3630956544
12	$\mathcal{O}(2; \{12^3, 6^3, 4^9, 3, 2^4\})$	1783627776
12	$\mathcal{O}(2; \{12^3, 6^3, 4^9, 3^4\})$	14523826176
12	$\mathcal{O}(2; \{12^3, 6^3, 4^{11}, 3, 2\})$	7134511104
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 3^2, 2^{13}\})$	28200960
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 3^5, 2^9\})$	226603008
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 3^8, 2^5\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 6^4, 4, 3^{11}, 2\})$	14495625216
12	$\mathcal{O}(2; \{12^3, 6^4, 4^3, 3^2, 2^{10}\})$	112803840

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^3, 6^4, 4^3, 3^5, 2^6\})$	906412032
12	$\mathcal{O}(2; \{12^3, 6^4, 4^3, 3^8, 2^2\})$	7247314944
12	$\mathcal{O}(2; \{12^3, 6^4, 4^5, 3^2, 2^7\})$	451215360
12	$\mathcal{O}(2; \{12^3, 6^4, 4^5, 3^5, 2^3\})$	3625648128
12	$\mathcal{O}(2; \{12^3, 6^4, 4^7, 3^2, 2^4\})$	1804861440
12	$\mathcal{O}(2; \{12^3, 6^4, 4^7, 3^5\})$	14502592512
12	$\mathcal{O}(2; \{12^3, 6^4, 4^9, 3^2, 2\})$	7219445760
12	$\mathcal{O}(2; \{12^3, 6^5, 4, 2^{14}\})$	14266368
12	$\mathcal{O}(2; \{12^3, 6^5, 4, 3^3, 2^{10}\})$	113135616
12	$\mathcal{O}(2; \{12^3, 6^5, 4, 3^6, 2^6\})$	906080256
12	$\mathcal{O}(2; \{12^3, 6^5, 4, 3^9, 2^2\})$	7247646720
12	$\mathcal{O}(2; \{12^3, 6^5, 4^3, 2^{11}\})$	57065472
12	$\mathcal{O}(2; \{12^3, 6^5, 4^3, 3^3, 2^7\})$	452542464
12	$\mathcal{O}(2; \{12^3, 6^5, 4^3, 3^6, 2^3\})$	3624321024
12	$\mathcal{O}(2; \{12^3, 6^5, 4^5, 2^8\})$	228261888
12	$\mathcal{O}(2; \{12^3, 6^5, 4^5, 3^3, 2^4\})$	1810169856
12	$\mathcal{O}(2; \{12^3, 6^5, 4^5, 3^6\})$	14497284096
12	$\mathcal{O}(2; \{12^3, 6^5, 4^7, 2^5\})$	913047552
12	$\mathcal{O}(2; \{12^3, 6^5, 4^7, 3^3, 2\})$	7240679424
12	$\mathcal{O}(2; \{12^3, 6^5, 4^9, 2^2\})$	3652190208
12	$\mathcal{O}(2; \{12^3, 6^6, 4, 3, 2^{11}\})$	56733696
12	$\mathcal{O}(2; \{12^3, 6^6, 4, 3^4, 2^7\})$	452874240
12	$\mathcal{O}(2; \{12^3, 6^6, 4, 3^7, 2^3\})$	3623989248
12	$\mathcal{O}(2; \{12^3, 6^6, 4^3, 3, 2^8\})$	226934784
12	$\mathcal{O}(2; \{12^3, 6^6, 4^3, 3^4, 2^4\})$	1811496960
12	$\mathcal{O}(2; \{12^3, 6^6, 4^3, 3^7\})$	14495956992
12	$\mathcal{O}(2; \{12^3, 6^6, 4^5, 3, 2^5\})$	907739136
12	$\mathcal{O}(2; \{12^3, 6^6, 4^5, 3^4, 2\})$	7245987840
12	$\mathcal{O}(2; \{12^3, 6^6, 4^7, 3, 2^2\})$	3630956544
12	$\mathcal{O}(2; \{12^3, 6^7, 4, 3^2, 2^8\})$	226603008
12	$\mathcal{O}(2; \{12^3, 6^7, 4, 3^5, 2^4\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 6^7, 4, 3^8\})$	14495625216
12	$\mathcal{O}(2; \{12^3, 6^7, 4^3, 3^2, 2^5\})$	906412032
12	$\mathcal{O}(2; \{12^3, 6^7, 4^3, 3^5, 2\})$	7247314944
12	$\mathcal{O}(2; \{12^3, 6^7, 4^5, 3^2, 2^2\})$	3625648128
12	$\mathcal{O}(2; \{12^3, 6^8, 4, 2^9\})$	113135616
12	$\mathcal{O}(2; \{12^3, 6^8, 4, 3^3, 2^5\})$	906080256
12	$\mathcal{O}(2; \{12^3, 6^8, 4, 3^6, 2\})$	7247646720
12	$\mathcal{O}(2; \{12^3, 6^8, 4^3, 2^6\})$	452542464
12	$\mathcal{O}(2; \{12^3, 6^8, 4^3, 3^3, 2^2\})$	3624321024
12	$\mathcal{O}(2; \{12^3, 6^8, 4^5, 2^3\})$	1810169856
12	$\mathcal{O}(2; \{12^3, 6^8, 4^7\})$	7240679424
12	$\mathcal{O}(2; \{12^3, 6^9, 4, 3, 2^6\})$	452874240

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^3, 6^9, 4, 3^4, 2^2\})$	3623989248
12	$\mathcal{O}(2; \{12^3, 6^9, 4^3, 3, 2^3\})$	1811496960
12	$\mathcal{O}(2; \{12^3, 6^9, 4^5, 3\})$	7245987840
12	$\mathcal{O}(2; \{12^3, 6^{10}, 4, 3^2, 2^3\})$	1811828736
12	$\mathcal{O}(2; \{12^3, 6^{10}, 4^3, 3^2\})$	7247314944
12	$\mathcal{O}(2; \{12^3, 6^{11}, 4, 2^4\})$	906080256
12	$\mathcal{O}(2; \{12^3, 6^{11}, 4, 3^3\})$	7247646720
12	$\mathcal{O}(2; \{12^3, 6^{11}, 4^3, 2\})$	3624321024
12	$\mathcal{O}(2; \{12^3, 6^{12}, 4, 3, 2\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 2^{22}\})$	995328
12	$\mathcal{O}(2; \{12^4, 3^3, 2^{18}\})$	6967296
12	$\mathcal{O}(2; \{12^4, 3^6, 2^{14}\})$	56733696
12	$\mathcal{O}(2; \{12^4, 3^9, 2^{10}\})$	452874240
12	$\mathcal{O}(2; \{12^4, 3^{12}, 2^6\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 3^{15}, 2^2\})$	28990918656
12	$\mathcal{O}(2; \{12^4, 4^2, 2^{19}\})$	3981312
12	$\mathcal{O}(2; \{12^4, 4^2, 3^3, 2^{15}\})$	27869184
12	$\mathcal{O}(2; \{12^4, 4^2, 3^6, 2^{11}\})$	226934784
12	$\mathcal{O}(2; \{12^4, 4^2, 3^9, 2^7\})$	1811496960
12	$\mathcal{O}(2; \{12^4, 4^2, 3^{12}, 2^3\})$	14495956992
12	$\mathcal{O}(2; \{12^4, 4^4, 2^{16}\})$	15925248
12	$\mathcal{O}(2; \{12^4, 4^4, 3^3, 2^{12}\})$	111476736
12	$\mathcal{O}(2; \{12^4, 4^4, 3^6, 2^8\})$	907739136
12	$\mathcal{O}(2; \{12^4, 4^4, 3^9, 2^4\})$	7245987840
12	$\mathcal{O}(2; \{12^4, 4^4, 3^{12}\})$	57983827968
12	$\mathcal{O}(2; \{12^4, 4^6, 2^{13}\})$	63700992
12	$\mathcal{O}(2; \{12^4, 4^6, 3^3, 2^9\})$	445906944
12	$\mathcal{O}(2; \{12^4, 4^6, 3^6, 2^5\})$	3630956544
12	$\mathcal{O}(2; \{12^4, 4^6, 3^9, 2\})$	28983951360
12	$\mathcal{O}(2; \{12^4, 4^8, 2^{10}\})$	254803968
12	$\mathcal{O}(2; \{12^4, 4^8, 3^3, 2^6\})$	1783627776
12	$\mathcal{O}(2; \{12^4, 4^8, 3^6, 2^2\})$	14523826176
12	$\mathcal{O}(2; \{12^4, 4^{10}, 2^7\})$	1019215872
12	$\mathcal{O}(2; \{12^4, 4^{10}, 3^3, 2^3\})$	7134511104
12	$\mathcal{O}(2; \{12^4, 4^{12}, 2^4\})$	4076863488
12	$\mathcal{O}(2; \{12^4, 4^{12}, 3^3\})$	28538044416
12	$\mathcal{O}(2; \{12^4, 4^{14}, 2\})$	16307453952
12	$\mathcal{O}(2; \{12^4, 6, 3, 2^{19}\})$	3649536
12	$\mathcal{O}(2; \{12^4, 6, 3^4, 2^{15}\})$	28200960
12	$\mathcal{O}(2; \{12^4, 6, 3^7, 2^{11}\})$	226603008
12	$\mathcal{O}(2; \{12^4, 6, 3^{10}, 2^7\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 6, 3^{13}, 2^3\})$	14495625216
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3, 2^{16}\})$	14598144

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3^4, 2^{12}\})$	112803840
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3^7, 2^8\})$	906412032
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3^{10}, 2^4\})$	7247314944
12	$\mathcal{O}(2; \{12^4, 6, 4^2, 3^{13}\})$	57982500864
12	$\mathcal{O}(2; \{12^4, 6, 4^4, 3, 2^{13}\})$	58392576
12	$\mathcal{O}(2; \{12^4, 6, 4^4, 3^4, 2^9\})$	451215360
12	$\mathcal{O}(2; \{12^4, 6, 4^4, 3^7, 2^5\})$	3625648128
12	$\mathcal{O}(2; \{12^4, 6, 4^4, 3^{10}, 2\})$	28989259776
12	$\mathcal{O}(2; \{12^4, 6, 4^6, 3, 2^{10}\})$	233570304
12	$\mathcal{O}(2; \{12^4, 6, 4^6, 3^4, 2^6\})$	1804861440
12	$\mathcal{O}(2; \{12^4, 6, 4^6, 3^7, 2^2\})$	14502592512
12	$\mathcal{O}(2; \{12^4, 6, 4^8, 3, 2^7\})$	934281216
12	$\mathcal{O}(2; \{12^4, 6, 4^8, 3^4, 2^3\})$	7219445760
12	$\mathcal{O}(2; \{12^4, 6, 4^{10}, 3, 2^4\})$	3737124864
12	$\mathcal{O}(2; \{12^4, 6, 4^{10}, 3^4\})$	28877783040
12	$\mathcal{O}(2; \{12^4, 6, 4^{12}, 3, 2\})$	14948499456
12	$\mathcal{O}(2; \{12^4, 6^2, 3^2, 2^{16}\})$	14266368
12	$\mathcal{O}(2; \{12^4, 6^2, 3^5, 2^{12}\})$	113135616
12	$\mathcal{O}(2; \{12^4, 6^2, 3^8, 2^8\})$	906080256
12	$\mathcal{O}(2; \{12^4, 6^2, 3^{11}, 2^4\})$	7247646720
12	$\mathcal{O}(2; \{12^4, 6^2, 3^{14}\})$	57982169088
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 3^2, 2^{13}\})$	57065472
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 3^5, 2^9\})$	452542464
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 3^8, 2^5\})$	3624321024
12	$\mathcal{O}(2; \{12^4, 6^2, 4^2, 3^{11}, 2\})$	28990586880
12	$\mathcal{O}(2; \{12^4, 6^2, 4^4, 3^2, 2^{10}\})$	228261888
12	$\mathcal{O}(2; \{12^4, 6^2, 4^4, 3^5, 2^6\})$	1810169856
12	$\mathcal{O}(2; \{12^4, 6^2, 4^4, 3^8, 2^2\})$	14497284096
12	$\mathcal{O}(2; \{12^4, 6^2, 4^6, 3^2, 2^7\})$	913047552
12	$\mathcal{O}(2; \{12^4, 6^2, 4^6, 3^5, 2^3\})$	7240679424
12	$\mathcal{O}(2; \{12^4, 6^2, 4^8, 3^2, 2^4\})$	3652190208
12	$\mathcal{O}(2; \{12^4, 6^2, 4^8, 3^5\})$	28962717696
12	$\mathcal{O}(2; \{12^4, 6^2, 4^{10}, 3^2, 2\})$	14608760832
12	$\mathcal{O}(2; \{12^4, 6^3, 2^{17}\})$	6967296
12	$\mathcal{O}(2; \{12^4, 6^3, 3^3, 2^{13}\})$	56733696
12	$\mathcal{O}(2; \{12^4, 6^3, 3^6, 2^9\})$	452874240
12	$\mathcal{O}(2; \{12^4, 6^3, 3^9, 2^5\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 6^3, 3^{12}, 2\})$	28990918656
12	$\mathcal{O}(2; \{12^4, 6^3, 4^2, 2^{14}\})$	27869184
12	$\mathcal{O}(2; \{12^4, 6^3, 4^2, 3^3, 2^{10}\})$	226934784
12	$\mathcal{O}(2; \{12^4, 6^3, 4^2, 3^6, 2^6\})$	1811496960
12	$\mathcal{O}(2; \{12^4, 6^3, 4^2, 3^9, 2^2\})$	14495956992
12	$\mathcal{O}(2; \{12^4, 6^3, 4^4, 2^{11}\})$	111476736

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^4, 6^3, 4^4, 3^3, 2^7\})$	907739136
12	$\mathcal{O}(2; \{12^4, 6^3, 4^4, 3^6, 2^3\})$	7245987840
12	$\mathcal{O}(2; \{12^4, 6^3, 4^6, 2^8\})$	445906944
12	$\mathcal{O}(2; \{12^4, 6^3, 4^6, 3^3, 2^4\})$	3630956544
12	$\mathcal{O}(2; \{12^4, 6^3, 4^6, 3^6\})$	28983951360
12	$\mathcal{O}(2; \{12^4, 6^3, 4^8, 2^5\})$	1783627776
12	$\mathcal{O}(2; \{12^4, 6^3, 4^8, 3^3, 2\})$	14523826176
12	$\mathcal{O}(2; \{12^4, 6^3, 4^{10}, 2^2\})$	7134511104
12	$\mathcal{O}(2; \{12^4, 6^4, 3, 2^{14}\})$	28200960
12	$\mathcal{O}(2; \{12^4, 6^4, 3^4, 2^{10}\})$	226603008
12	$\mathcal{O}(2; \{12^4, 6^4, 3^7, 2^6\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 6^4, 3^{10}, 2^2\})$	14495625216
12	$\mathcal{O}(2; \{12^4, 6^4, 4^2, 3, 2^{11}\})$	112803840
12	$\mathcal{O}(2; \{12^4, 6^4, 4^2, 3^4, 2^7\})$	906412032
12	$\mathcal{O}(2; \{12^4, 6^4, 4^2, 3^7, 2^3\})$	7247314944
12	$\mathcal{O}(2; \{12^4, 6^4, 4^4, 3, 2^8\})$	451215360
12	$\mathcal{O}(2; \{12^4, 6^4, 4^4, 3^4, 2^4\})$	3625648128
12	$\mathcal{O}(2; \{12^4, 6^4, 4^4, 3^7\})$	28989259776
12	$\mathcal{O}(2; \{12^4, 6^4, 4^6, 3, 2^5\})$	1804861440
12	$\mathcal{O}(2; \{12^4, 6^4, 4^6, 3^4, 2\})$	14502592512
12	$\mathcal{O}(2; \{12^4, 6^4, 4^8, 3, 2^2\})$	7219445760
12	$\mathcal{O}(2; \{12^4, 6^5, 3^2, 2^{11}\})$	113135616
12	$\mathcal{O}(2; \{12^4, 6^5, 3^5, 2^7\})$	906080256
12	$\mathcal{O}(2; \{12^4, 6^5, 3^8, 2^3\})$	7247646720
12	$\mathcal{O}(2; \{12^4, 6^5, 4^2, 3^2, 2^8\})$	452542464
12	$\mathcal{O}(2; \{12^4, 6^5, 4^2, 3^5, 2^4\})$	3624321024
12	$\mathcal{O}(2; \{12^4, 6^5, 4^2, 3^8\})$	28990586880
12	$\mathcal{O}(2; \{12^4, 6^5, 4^4, 3^2, 2^5\})$	1810169856
12	$\mathcal{O}(2; \{12^4, 6^5, 4^4, 3^5, 2\})$	14497284096
12	$\mathcal{O}(2; \{12^4, 6^5, 4^6, 3^2, 2^2\})$	7240679424
12	$\mathcal{O}(2; \{12^4, 6^6, 2^{12}\})$	56733696
12	$\mathcal{O}(2; \{12^4, 6^6, 3^3, 2^8\})$	452874240
12	$\mathcal{O}(2; \{12^4, 6^6, 3^6, 2^4\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 6^6, 3^9\})$	28990918656
12	$\mathcal{O}(2; \{12^4, 6^6, 4^2, 2^9\})$	226934784
12	$\mathcal{O}(2; \{12^4, 6^6, 4^2, 3^3, 2^5\})$	1811496960
12	$\mathcal{O}(2; \{12^4, 6^6, 4^2, 3^6, 2\})$	14495956992
12	$\mathcal{O}(2; \{12^4, 6^6, 4^4, 2^6\})$	907739136
12	$\mathcal{O}(2; \{12^4, 6^6, 4^4, 3^3, 2^2\})$	7245987840
12	$\mathcal{O}(2; \{12^4, 6^6, 4^6, 2^3\})$	3630956544
12	$\mathcal{O}(2; \{12^4, 6^6, 4^8\})$	14523826176
12	$\mathcal{O}(2; \{12^4, 6^7, 3, 2^9\})$	226603008
12	$\mathcal{O}(2; \{12^4, 6^7, 3^4, 2^5\})$	1811828736

Continued on next page

Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^4, 6^7, 3^7, 2\})$	14495625216
12	$\mathcal{O}(2; \{12^4, 6^7, 4^2, 3, 2^6\})$	906412032
12	$\mathcal{O}(2; \{12^4, 6^7, 4^2, 3^4, 2^2\})$	7247314944
12	$\mathcal{O}(2; \{12^4, 6^7, 4^4, 3, 2^3\})$	3625648128
12	$\mathcal{O}(2; \{12^4, 6^7, 4^6, 3\})$	14502592512
12	$\mathcal{O}(2; \{12^4, 6^8, 3^2, 2^6\})$	906080256
12	$\mathcal{O}(2; \{12^4, 6^8, 3^5, 2^2\})$	7247646720
12	$\mathcal{O}(2; \{12^4, 6^8, 4^2, 3^2, 2^3\})$	3624321024
12	$\mathcal{O}(2; \{12^4, 6^8, 4^4, 3^2\})$	14497284096
12	$\mathcal{O}(2; \{12^4, 6^9, 2^7\})$	452874240
12	$\mathcal{O}(2; \{12^4, 6^9, 3^3, 2^3\})$	3623989248
12	$\mathcal{O}(2; \{12^4, 6^9, 4^2, 2^4\})$	1811496960
12	$\mathcal{O}(2; \{12^4, 6^9, 4^2, 3^3\})$	14495956992
12	$\mathcal{O}(2; \{12^4, 6^9, 4^4, 2\})$	7245987840
12	$\mathcal{O}(2; \{12^4, 6^{10}, 3, 2^4\})$	1811828736
12	$\mathcal{O}(2; \{12^4, 6^{10}, 3^4\})$	14495625216
12	$\mathcal{O}(2; \{12^4, 6^{10}, 4^2, 3, 2\})$	7247314944
12	$\mathcal{O}(2; \{12^4, 6^{11}, 3^2, 2\})$	7247646720
12	$\mathcal{O}(2; \{12^4, 6^{12}, 2^2\})$	3623989248
12	$\mathcal{O}(2; \{12^5, 4, 3^2, 2^{16}\})$	27869184
12	$\mathcal{O}(2; \{12^5, 4, 3^5, 2^{12}\})$	226934784
12	$\mathcal{O}(2; \{12^5, 4, 3^8, 2^8\})$	1811496960
12	$\mathcal{O}(2; \{12^5, 4, 3^{11}, 2^4\})$	14495956992
12	$\mathcal{O}(2; \{12^5, 4, 3^{14}\})$	115963674624
12	$\mathcal{O}(2; \{12^5, 4^3, 3^2, 2^{13}\})$	111476736
12	$\mathcal{O}(2; \{12^5, 4^3, 3^5, 2^9\})$	907739136
12	$\mathcal{O}(2; \{12^5, 4^3, 3^8, 2^5\})$	7245987840
12	$\mathcal{O}(2; \{12^5, 4^3, 3^{11}, 2\})$	57983827968
12	$\mathcal{O}(2; \{12^5, 4^5, 3^2, 2^{10}\})$	445906944
12	$\mathcal{O}(2; \{12^5, 4^5, 3^5, 2^6\})$	3630956544
12	$\mathcal{O}(2; \{12^5, 4^5, 3^8, 2^2\})$	28983951360
12	$\mathcal{O}(2; \{12^5, 4^7, 3^2, 2^7\})$	1783627776
12	$\mathcal{O}(2; \{12^5, 4^7, 3^5, 2^3\})$	14523826176
12	$\mathcal{O}(2; \{12^5, 4^9, 3^2, 2^4\})$	7134511104
12	$\mathcal{O}(2; \{12^5, 4^9, 3^5\})$	58095304704
12	$\mathcal{O}(2; \{12^5, 4^{11}, 3^2, 2\})$	28538044416
12	$\mathcal{O}(2; \{12^5, 6, 4, 2^{17}\})$	14598144
12	$\mathcal{O}(2; \{12^5, 6, 4, 3^3, 2^{13}\})$	112803840
12	$\mathcal{O}(2; \{12^5, 6, 4, 3^6, 2^9\})$	906412032
12	$\mathcal{O}(2; \{12^5, 6, 4, 3^9, 2^5\})$	7247314944
12	$\mathcal{O}(2; \{12^5, 6, 4, 3^{12}, 2\})$	57982500864
12	$\mathcal{O}(2; \{12^5, 6, 4^3, 2^{14}\})$	58392576
12	$\mathcal{O}(2; \{12^5, 6, 4^3, 3^3, 2^{10}\})$	451215360

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^5, 6, 4^3, 3^6, 2^6\})$	3625648128
12	$\mathcal{O}(2; \{12^5, 6, 4^3, 3^9, 2^2\})$	28989259776
12	$\mathcal{O}(2; \{12^5, 6, 4^5, 2^{11}\})$	233570304
12	$\mathcal{O}(2; \{12^5, 6, 4^5, 3^3, 2^7\})$	1804861440
12	$\mathcal{O}(2; \{12^5, 6, 4^5, 3^6, 2^3\})$	14502592512
12	$\mathcal{O}(2; \{12^5, 6, 4^7, 2^8\})$	934281216
12	$\mathcal{O}(2; \{12^5, 6, 4^7, 3^3, 2^4\})$	7219445760
12	$\mathcal{O}(2; \{12^5, 6, 4^7, 3^6\})$	58010370048
12	$\mathcal{O}(2; \{12^5, 6, 4^9, 2^5\})$	3737124864
12	$\mathcal{O}(2; \{12^5, 6, 4^9, 3^3, 2\})$	28877783040
12	$\mathcal{O}(2; \{12^5, 6, 4^{11}, 2^2\})$	14948499456
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 3, 2^{14}\})$	57065472
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 3^4, 2^{10}\})$	452542464
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 3^7, 2^6\})$	3624321024
12	$\mathcal{O}(2; \{12^5, 6^2, 4, 3^{10}, 2^2\})$	28990586880
12	$\mathcal{O}(2; \{12^5, 6^2, 4^3, 3, 2^{11}\})$	228261888
12	$\mathcal{O}(2; \{12^5, 6^2, 4^3, 3^4, 2^7\})$	1810169856
12	$\mathcal{O}(2; \{12^5, 6^2, 4^3, 3^7, 2^3\})$	14497284096
12	$\mathcal{O}(2; \{12^5, 6^2, 4^5, 3, 2^8\})$	913047552
12	$\mathcal{O}(2; \{12^5, 6^2, 4^5, 3^4, 2^4\})$	7240679424
12	$\mathcal{O}(2; \{12^5, 6^2, 4^5, 3^7\})$	57989136384
12	$\mathcal{O}(2; \{12^5, 6^2, 4^7, 3, 2^5\})$	3652190208
12	$\mathcal{O}(2; \{12^5, 6^2, 4^7, 3^4, 2\})$	28962717696
12	$\mathcal{O}(2; \{12^5, 6^2, 4^9, 3, 2^2\})$	14608760832
12	$\mathcal{O}(2; \{12^5, 6^3, 4, 3^2, 2^{11}\})$	226934784
12	$\mathcal{O}(2; \{12^5, 6^3, 4, 3^5, 2^7\})$	1811496960
12	$\mathcal{O}(2; \{12^5, 6^3, 4, 3^8, 2^3\})$	14495956992
12	$\mathcal{O}(2; \{12^5, 6^3, 4^3, 3^2, 2^8\})$	907739136
12	$\mathcal{O}(2; \{12^5, 6^3, 4^3, 3^5, 2^4\})$	7245987840
12	$\mathcal{O}(2; \{12^5, 6^3, 4^3, 3^8\})$	57983827968
12	$\mathcal{O}(2; \{12^5, 6^3, 4^5, 3^2, 2^5\})$	3630956544
12	$\mathcal{O}(2; \{12^5, 6^3, 4^5, 3^5, 2\})$	28983951360
12	$\mathcal{O}(2; \{12^5, 6^3, 4^7, 3^2, 2^2\})$	14523826176
12	$\mathcal{O}(2; \{12^5, 6^4, 4, 2^{12}\})$	112803840
12	$\mathcal{O}(2; \{12^5, 6^4, 4, 3^3, 2^8\})$	906412032
12	$\mathcal{O}(2; \{12^5, 6^4, 4, 3^6, 2^4\})$	7247314944
12	$\mathcal{O}(2; \{12^5, 6^4, 4, 3^9\})$	57982500864
12	$\mathcal{O}(2; \{12^5, 6^4, 4^3, 2^9\})$	451215360
12	$\mathcal{O}(2; \{12^5, 6^4, 4^3, 3^3, 2^5\})$	3625648128
12	$\mathcal{O}(2; \{12^5, 6^4, 4^3, 3^6, 2\})$	28989259776
12	$\mathcal{O}(2; \{12^5, 6^4, 4^5, 2^6\})$	1804861440
12	$\mathcal{O}(2; \{12^5, 6^4, 4^5, 3^3, 2^2\})$	14502592512
12	$\mathcal{O}(2; \{12^5, 6^4, 4^7, 2^3\})$	7219445760

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^5, 6^4, 4^9\})$	28877783040
12	$\mathcal{O}(2; \{12^5, 6^5, 4, 3, 2^9\})$	452542464
12	$\mathcal{O}(2; \{12^5, 6^5, 4, 3^4, 2^5\})$	3624321024
12	$\mathcal{O}(2; \{12^5, 6^5, 4, 3^7, 2\})$	28990586880
12	$\mathcal{O}(2; \{12^5, 6^5, 4^3, 3, 2^6\})$	1810169856
12	$\mathcal{O}(2; \{12^5, 6^5, 4^3, 3^4, 2^2\})$	14497284096
12	$\mathcal{O}(2; \{12^5, 6^5, 4^5, 3, 2^3\})$	7240679424
12	$\mathcal{O}(2; \{12^5, 6^5, 4^7, 3\})$	28962717696
12	$\mathcal{O}(2; \{12^5, 6^6, 4, 3^2, 2^6\})$	1811496960
12	$\mathcal{O}(2; \{12^5, 6^6, 4, 3^5, 2^2\})$	14495956992
12	$\mathcal{O}(2; \{12^5, 6^6, 4^3, 3^2, 2^3\})$	7245987840
12	$\mathcal{O}(2; \{12^5, 6^6, 4^5, 3^2\})$	28983951360
12	$\mathcal{O}(2; \{12^5, 6^7, 4, 2^7\})$	906412032
12	$\mathcal{O}(2; \{12^5, 6^7, 4, 3^3, 2^3\})$	7247314944
12	$\mathcal{O}(2; \{12^5, 6^7, 4^3, 2^4\})$	3625648128
12	$\mathcal{O}(2; \{12^5, 6^7, 4^3, 3^3\})$	28989259776
12	$\mathcal{O}(2; \{12^5, 6^7, 4^5, 2\})$	14502592512
12	$\mathcal{O}(2; \{12^5, 6^8, 4, 3, 2^4\})$	3624321024
12	$\mathcal{O}(2; \{12^5, 6^8, 4, 3^4\})$	28990586880
12	$\mathcal{O}(2; \{12^5, 6^8, 4^3, 3, 2\})$	14497284096
12	$\mathcal{O}(2; \{12^5, 6^9, 4, 3^2, 2\})$	14495956992
12	$\mathcal{O}(2; \{12^5, 6^{10}, 4, 2^2\})$	7247314944
12	$\mathcal{O}(2; \{12^6, 3, 2^{17}\})$	27869184
12	$\mathcal{O}(2; \{12^6, 3^4, 2^{13}\})$	226934784
12	$\mathcal{O}(2; \{12^6, 3^7, 2^9\})$	1811496960
12	$\mathcal{O}(2; \{12^6, 3^{10}, 2^5\})$	14495956992
12	$\mathcal{O}(2; \{12^6, 3^{13}, 2\})$	115963674624
12	$\mathcal{O}(2; \{12^6, 4^2, 3, 2^{14}\})$	111476736
12	$\mathcal{O}(2; \{12^6, 4^2, 3^4, 2^{10}\})$	907739136
12	$\mathcal{O}(2; \{12^6, 4^2, 3^7, 2^6\})$	7245987840
12	$\mathcal{O}(2; \{12^6, 4^2, 3^{10}, 2^2\})$	57983827968
12	$\mathcal{O}(2; \{12^6, 4^4, 3, 2^{11}\})$	445906944
12	$\mathcal{O}(2; \{12^6, 4^4, 3^4, 2^7\})$	3630956544
12	$\mathcal{O}(2; \{12^6, 4^4, 3^7, 2^3\})$	28983951360
12	$\mathcal{O}(2; \{12^6, 4^6, 3, 2^8\})$	1783627776
12	$\mathcal{O}(2; \{12^6, 4^6, 3^4, 2^4\})$	14523826176
12	$\mathcal{O}(2; \{12^6, 4^6, 3^7\})$	115935805440
12	$\mathcal{O}(2; \{12^6, 4^8, 3, 2^5\})$	7134511104
12	$\mathcal{O}(2; \{12^6, 4^8, 3^4, 2\})$	58095304704
12	$\mathcal{O}(2; \{12^6, 4^{10}, 3, 2^2\})$	28538044416
12	$\mathcal{O}(2; \{12^6, 6, 3^2, 2^{14}\})$	112803840
12	$\mathcal{O}(2; \{12^6, 6, 3^5, 2^{10}\})$	906412032
12	$\mathcal{O}(2; \{12^6, 6, 3^8, 2^6\})$	7247314944

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^6, 6, 3^{11}, 2^2\})$	57982500864
12	$\mathcal{O}(2; \{12^6, 6, 4^2, 3^2, 2^{11}\})$	451215360
12	$\mathcal{O}(2; \{12^6, 6, 4^2, 3^5, 2^7\})$	3625648128
12	$\mathcal{O}(2; \{12^6, 6, 4^2, 3^8, 2^3\})$	28989259776
12	$\mathcal{O}(2; \{12^6, 6, 4^4, 3^2, 2^8\})$	1804861440
12	$\mathcal{O}(2; \{12^6, 6, 4^4, 3^5, 2^4\})$	14502592512
12	$\mathcal{O}(2; \{12^6, 6, 4^4, 3^8\})$	115957039104
12	$\mathcal{O}(2; \{12^6, 6, 4^6, 3^2, 2^5\})$	7219445760
12	$\mathcal{O}(2; \{12^6, 6, 4^6, 3^5, 2\})$	58010370048
12	$\mathcal{O}(2; \{12^6, 6, 4^8, 3^2, 2^2\})$	28877783040
12	$\mathcal{O}(2; \{12^6, 6^2, 2^{15}\})$	57065472
12	$\mathcal{O}(2; \{12^6, 6^2, 3^3, 2^{11}\})$	452542464
12	$\mathcal{O}(2; \{12^6, 6^2, 3^6, 2^7\})$	3624321024
12	$\mathcal{O}(2; \{12^6, 6^2, 3^9, 2^3\})$	28990586880
12	$\mathcal{O}(2; \{12^6, 6^2, 4^2, 2^{12}\})$	228261888
12	$\mathcal{O}(2; \{12^6, 6^2, 4^2, 3^3, 2^8\})$	1810169856
12	$\mathcal{O}(2; \{12^6, 6^2, 4^2, 3^6, 2^4\})$	14497284096
12	$\mathcal{O}(2; \{12^6, 6^2, 4^2, 3^9\})$	115962347520
12	$\mathcal{O}(2; \{12^6, 6^2, 4^4, 2^9\})$	913047552
12	$\mathcal{O}(2; \{12^6, 6^2, 4^4, 3^3, 2^5\})$	7240679424
12	$\mathcal{O}(2; \{12^6, 6^2, 4^4, 3^6, 2\})$	57989136384
12	$\mathcal{O}(2; \{12^6, 6^2, 4^6, 2^6\})$	3652190208
12	$\mathcal{O}(2; \{12^6, 6^2, 4^6, 3^3, 2^2\})$	28962717696
12	$\mathcal{O}(2; \{12^6, 6^2, 4^8, 2^3\})$	14608760832
12	$\mathcal{O}(2; \{12^6, 6^2, 4^{10}\})$	58435043328
12	$\mathcal{O}(2; \{12^6, 6^3, 3, 2^{12}\})$	226934784
12	$\mathcal{O}(2; \{12^6, 6^3, 3^4, 2^8\})$	1811496960
12	$\mathcal{O}(2; \{12^6, 6^3, 3^7, 2^4\})$	14495956992
12	$\mathcal{O}(2; \{12^6, 6^3, 3^{10}\})$	115963674624
12	$\mathcal{O}(2; \{12^6, 6^3, 4^2, 3, 2^9\})$	907739136
12	$\mathcal{O}(2; \{12^6, 6^3, 4^2, 3^4, 2^5\})$	7245987840
12	$\mathcal{O}(2; \{12^6, 6^3, 4^2, 3^7, 2\})$	57983827968
12	$\mathcal{O}(2; \{12^6, 6^3, 4^4, 3, 2^6\})$	3630956544
12	$\mathcal{O}(2; \{12^6, 6^3, 4^4, 3^4, 2^2\})$	28983951360
12	$\mathcal{O}(2; \{12^6, 6^3, 4^6, 3, 2^3\})$	14523826176
12	$\mathcal{O}(2; \{12^6, 6^3, 4^8, 3\})$	58095304704
12	$\mathcal{O}(2; \{12^6, 6^4, 3^2, 2^9\})$	906412032
12	$\mathcal{O}(2; \{12^6, 6^4, 3^5, 2^5\})$	7247314944
12	$\mathcal{O}(2; \{12^6, 6^4, 3^8, 2\})$	57982500864
12	$\mathcal{O}(2; \{12^6, 6^4, 4^2, 3^2, 2^6\})$	3625648128
12	$\mathcal{O}(2; \{12^6, 6^4, 4^2, 3^5, 2^2\})$	28989259776
12	$\mathcal{O}(2; \{12^6, 6^4, 4^4, 3^2, 2^3\})$	14502592512
12	$\mathcal{O}(2; \{12^6, 6^4, 4^6, 3^2\})$	58010370048

Continued on next page

Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_{\mathcal{O}}(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^6, 6^5, 2^{10}\})$	452542464
12	$\mathcal{O}(2; \{12^6, 6^5, 3^3, 2^6\})$	3624321024
12	$\mathcal{O}(2; \{12^6, 6^5, 3^6, 2^2\})$	28990586880
12	$\mathcal{O}(2; \{12^6, 6^5, 4^2, 2^7\})$	1810169856
12	$\mathcal{O}(2; \{12^6, 6^5, 4^2, 3^3, 2^3\})$	14497284096
12	$\mathcal{O}(2; \{12^6, 6^5, 4^4, 2^4\})$	7240679424
12	$\mathcal{O}(2; \{12^6, 6^5, 4^4, 3^3\})$	57989136384
12	$\mathcal{O}(2; \{12^6, 6^5, 4^6, 2\})$	28962717696
12	$\mathcal{O}(2; \{12^6, 6^6, 3, 2^7\})$	1811496960
12	$\mathcal{O}(2; \{12^6, 6^6, 3^4, 2^3\})$	14495956992
12	$\mathcal{O}(2; \{12^6, 6^6, 4^2, 3, 2^4\})$	7245987840
12	$\mathcal{O}(2; \{12^6, 6^6, 4^2, 3^4\})$	57983827968
12	$\mathcal{O}(2; \{12^6, 6^6, 4^4, 3, 2\})$	28983951360
12	$\mathcal{O}(2; \{12^6, 6^7, 3^2, 2^4\})$	7247314944
12	$\mathcal{O}(2; \{12^6, 6^7, 3^5\})$	57982500864
12	$\mathcal{O}(2; \{12^6, 6^7, 4^2, 3^2, 2\})$	28989259776
12	$\mathcal{O}(2; \{12^6, 6^8, 2^5\})$	3624321024
12	$\mathcal{O}(2; \{12^6, 6^8, 3^3, 2\})$	28990586880
12	$\mathcal{O}(2; \{12^6, 6^8, 4^2, 2^2\})$	14497284096
12	$\mathcal{O}(2; \{12^6, 6^9, 3, 2^2\})$	14495956992
12	$\mathcal{O}(2; \{12^6, 6^{11}\})$	28990586880
12	$\mathcal{O}(2; \{12^7, 4, 2^{15}\})$	111476736
12	$\mathcal{O}(2; \{12^7, 4, 3^3, 2^{11}\})$	907739136
12	$\mathcal{O}(2; \{12^7, 4, 3^6, 2^7\})$	7245987840
12	$\mathcal{O}(2; \{12^7, 4, 3^9, 2^3\})$	57983827968
12	$\mathcal{O}(2; \{12^7, 4^3, 2^{12}\})$	445906944
12	$\mathcal{O}(2; \{12^7, 4^3, 3^3, 2^8\})$	3630956544
12	$\mathcal{O}(2; \{12^7, 4^3, 3^6, 2^4\})$	28983951360
12	$\mathcal{O}(2; \{12^7, 4^3, 3^9\})$	231935311872
12	$\mathcal{O}(2; \{12^7, 4^5, 2^9\})$	1783627776
12	$\mathcal{O}(2; \{12^7, 4^5, 3^3, 2^5\})$	14523826176
12	$\mathcal{O}(2; \{12^7, 4^5, 3^6, 2\})$	115935805440
12	$\mathcal{O}(2; \{12^7, 4^7, 2^6\})$	7134511104
12	$\mathcal{O}(2; \{12^7, 4^7, 3^3, 2^2\})$	58095304704
12	$\mathcal{O}(2; \{12^7, 4^9, 2^3\})$	28538044416
12	$\mathcal{O}(2; \{12^7, 4^{11}\})$	114152177664
12	$\mathcal{O}(2; \{12^7, 6, 4, 3, 2^{12}\})$	451215360
12	$\mathcal{O}(2; \{12^7, 6, 4, 3^4, 2^8\})$	3625648128
12	$\mathcal{O}(2; \{12^7, 6, 4, 3^7, 2^4\})$	28989259776
12	$\mathcal{O}(2; \{12^7, 6, 4, 3^{10}\})$	231930003456
12	$\mathcal{O}(2; \{12^7, 6, 4^3, 3, 2^9\})$	1804861440
12	$\mathcal{O}(2; \{12^7, 6, 4^3, 3^4, 2^5\})$	14502592512
12	$\mathcal{O}(2; \{12^7, 6, 4^3, 3^7, 2\})$	115957039104

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^7, 6, 4^5, 3, 2^6\})$	7219445760
12	$\mathcal{O}(2; \{12^7, 6, 4^5, 3^4, 2^2\})$	58010370048
12	$\mathcal{O}(2; \{12^7, 6, 4^7, 3, 2^3\})$	28877783040
12	$\mathcal{O}(2; \{12^7, 6, 4^9, 3\})$	115511132160
12	$\mathcal{O}(2; \{12^7, 6^2, 4, 3^2, 2^9\})$	1810169856
12	$\mathcal{O}(2; \{12^7, 6^2, 4, 3^5, 2^5\})$	14497284096
12	$\mathcal{O}(2; \{12^7, 6^2, 4, 3^8, 2\})$	115962347520
12	$\mathcal{O}(2; \{12^7, 6^2, 4^3, 3^2, 2^6\})$	7240679424
12	$\mathcal{O}(2; \{12^7, 6^2, 4^3, 3^5, 2^2\})$	57989136384
12	$\mathcal{O}(2; \{12^7, 6^2, 4^5, 3^2, 2^3\})$	28962717696
12	$\mathcal{O}(2; \{12^7, 6^2, 4^7, 3^2\})$	115850870784
12	$\mathcal{O}(2; \{12^7, 6^3, 4, 2^{10}\})$	907739136
12	$\mathcal{O}(2; \{12^7, 6^3, 4, 3^3, 2^6\})$	7245987840
12	$\mathcal{O}(2; \{12^7, 6^3, 4, 3^6, 2^2\})$	57983827968
12	$\mathcal{O}(2; \{12^7, 6^3, 4^3, 2^7\})$	3630956544
12	$\mathcal{O}(2; \{12^7, 6^3, 4^3, 3^3, 2^3\})$	28983951360
12	$\mathcal{O}(2; \{12^7, 6^3, 4^5, 2^4\})$	14523826176
12	$\mathcal{O}(2; \{12^7, 6^3, 4^5, 3^3\})$	115935805440
12	$\mathcal{O}(2; \{12^7, 6^3, 4^7, 2\})$	58095304704
12	$\mathcal{O}(2; \{12^7, 6^4, 4, 3, 2^7\})$	3625648128
12	$\mathcal{O}(2; \{12^7, 6^4, 4, 3^4, 2^3\})$	28989259776
12	$\mathcal{O}(2; \{12^7, 6^4, 4^3, 3, 2^4\})$	14502592512
12	$\mathcal{O}(2; \{12^7, 6^4, 4^3, 3^4\})$	115957039104
12	$\mathcal{O}(2; \{12^7, 6^4, 4^5, 3, 2\})$	58010370048
12	$\mathcal{O}(2; \{12^7, 6^5, 4, 3^2, 2^4\})$	14497284096
12	$\mathcal{O}(2; \{12^7, 6^5, 4, 3^5\})$	115962347520
12	$\mathcal{O}(2; \{12^7, 6^5, 4^3, 3^2, 2\})$	57989136384
12	$\mathcal{O}(2; \{12^7, 6^6, 4, 2^5\})$	7245987840
12	$\mathcal{O}(2; \{12^7, 6^6, 4, 3^3, 2\})$	57983827968
12	$\mathcal{O}(2; \{12^7, 6^6, 4^3, 2^2\})$	28983951360
12	$\mathcal{O}(2; \{12^7, 6^7, 4, 3, 2^2\})$	28989259776
12	$\mathcal{O}(2; \{12^7, 6^9, 4\})$	57983827968
12	$\mathcal{O}(2; \{12^8, 3^2, 2^{12}\})$	907739136
12	$\mathcal{O}(2; \{12^8, 3^5, 2^8\})$	7245987840
12	$\mathcal{O}(2; \{12^8, 3^8, 2^4\})$	57983827968
12	$\mathcal{O}(2; \{12^8, 3^{11}\})$	463854698496
12	$\mathcal{O}(2; \{12^8, 4^2, 3^2, 2^9\})$	3630956544
12	$\mathcal{O}(2; \{12^8, 4^2, 3^5, 2^5\})$	28983951360
12	$\mathcal{O}(2; \{12^8, 4^2, 3^8, 2\})$	231935311872
12	$\mathcal{O}(2; \{12^8, 4^4, 3^2, 2^6\})$	14523826176
12	$\mathcal{O}(2; \{12^8, 4^4, 3^5, 2^2\})$	115935805440
12	$\mathcal{O}(2; \{12^8, 4^6, 3^2, 2^3\})$	58095304704
12	$\mathcal{O}(2; \{12^8, 4^8, 3^2\})$	232381218816

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^8, 6, 2^{13}\})$	451215360
12	$\mathcal{O}(2; \{12^8, 6, 3^3, 2^9\})$	3625648128
12	$\mathcal{O}(2; \{12^8, 6, 3^6, 2^5\})$	28989259776
12	$\mathcal{O}(2; \{12^8, 6, 3^9, 2\})$	231930003456
12	$\mathcal{O}(2; \{12^8, 6, 4^2, 2^{10}\})$	1804861440
12	$\mathcal{O}(2; \{12^8, 6, 4^2, 3^3, 2^6\})$	14502592512
12	$\mathcal{O}(2; \{12^8, 6, 4^2, 3^6, 2^2\})$	115957039104
12	$\mathcal{O}(2; \{12^8, 6, 4^4, 2^7\})$	7219445760
12	$\mathcal{O}(2; \{12^8, 6, 4^4, 3^3, 2^3\})$	58010370048
12	$\mathcal{O}(2; \{12^8, 6, 4^6, 2^4\})$	28877783040
12	$\mathcal{O}(2; \{12^8, 6, 4^6, 3^3\})$	232041480192
12	$\mathcal{O}(2; \{12^8, 6, 4^8, 2\})$	115511132160
12	$\mathcal{O}(2; \{12^8, 6^2, 3, 2^{10}\})$	1810169856
12	$\mathcal{O}(2; \{12^8, 6^2, 3^4, 2^6\})$	14497284096
12	$\mathcal{O}(2; \{12^8, 6^2, 3^7, 2^2\})$	115962347520
12	$\mathcal{O}(2; \{12^8, 6^2, 4^2, 3, 2^7\})$	7240679424
12	$\mathcal{O}(2; \{12^8, 6^2, 4^2, 3^4, 2^3\})$	57989136384
12	$\mathcal{O}(2; \{12^8, 6^2, 4^4, 3, 2^4\})$	28962717696
12	$\mathcal{O}(2; \{12^8, 6^2, 4^4, 3^4\})$	231956545536
12	$\mathcal{O}(2; \{12^8, 6^2, 4^6, 3, 2\})$	115850870784
12	$\mathcal{O}(2; \{12^8, 6^3, 3^2, 2^7\})$	7245987840
12	$\mathcal{O}(2; \{12^8, 6^3, 3^5, 2^3\})$	57983827968
12	$\mathcal{O}(2; \{12^8, 6^3, 4^2, 3^2, 2^4\})$	28983951360
12	$\mathcal{O}(2; \{12^8, 6^3, 4^2, 3^5\})$	231935311872
12	$\mathcal{O}(2; \{12^8, 6^3, 4^4, 3^2, 2\})$	115935805440
12	$\mathcal{O}(2; \{12^8, 6^4, 2^8\})$	3625648128
12	$\mathcal{O}(2; \{12^8, 6^4, 3^3, 2^4\})$	28989259776
12	$\mathcal{O}(2; \{12^8, 6^4, 3^6\})$	231930003456
12	$\mathcal{O}(2; \{12^8, 6^4, 4^2, 2^5\})$	14502592512
12	$\mathcal{O}(2; \{12^8, 6^4, 4^2, 3^3, 2\})$	115957039104
12	$\mathcal{O}(2; \{12^8, 6^4, 4^4, 2^2\})$	58010370048
12	$\mathcal{O}(2; \{12^8, 6^5, 3, 2^5\})$	14497284096
12	$\mathcal{O}(2; \{12^8, 6^5, 3^4, 2\})$	115962347520
12	$\mathcal{O}(2; \{12^8, 6^5, 4^2, 3, 2^2\})$	57989136384
12	$\mathcal{O}(2; \{12^8, 6^6, 3^2, 2^2\})$	57983827968
12	$\mathcal{O}(2; \{12^8, 6^7, 2^3\})$	28989259776
12	$\mathcal{O}(2; \{12^8, 6^7, 4^2\})$	115957039104
12	$\mathcal{O}(2; \{12^8, 6^8, 3\})$	115962347520
12	$\mathcal{O}(2; \{12^9, 4, 3, 2^{10}\})$	3630956544
12	$\mathcal{O}(2; \{12^9, 4, 3^4, 2^6\})$	28983951360
12	$\mathcal{O}(2; \{12^9, 4, 3^7, 2^2\})$	231935311872
12	$\mathcal{O}(2; \{12^9, 4^3, 3, 2^7\})$	14523826176
12	$\mathcal{O}(2; \{12^9, 4^3, 3^4, 2^3\})$	115935805440

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^9, 4^5, 3, 2^4\})$	58095304704
12	$\mathcal{O}(2; \{12^9, 4^5, 3^4\})$	463743221760
12	$\mathcal{O}(2; \{12^9, 4^7, 3, 2\})$	232381218816
12	$\mathcal{O}(2; \{12^9, 6, 4, 3^2, 2^7\})$	14502592512
12	$\mathcal{O}(2; \{12^9, 6, 4, 3^5, 2^3\})$	115957039104
12	$\mathcal{O}(2; \{12^9, 6, 4^3, 3^2, 2^4\})$	58010370048
12	$\mathcal{O}(2; \{12^9, 6, 4^3, 3^5\})$	463828156416
12	$\mathcal{O}(2; \{12^9, 6, 4^5, 3^2, 2\})$	232041480192
12	$\mathcal{O}(2; \{12^9, 6^2, 4, 2^8\})$	7240679424
12	$\mathcal{O}(2; \{12^9, 6^2, 4, 3^3, 2^4\})$	57989136384
12	$\mathcal{O}(2; \{12^9, 6^2, 4, 3^6\})$	463849390080
12	$\mathcal{O}(2; \{12^9, 6^2, 4^3, 2^5\})$	28962717696
12	$\mathcal{O}(2; \{12^9, 6^2, 4^3, 3^3, 2\})$	231956545536
12	$\mathcal{O}(2; \{12^9, 6^2, 4^5, 2^2\})$	115850870784
12	$\mathcal{O}(2; \{12^9, 6^3, 4, 3, 2^5\})$	28983951360
12	$\mathcal{O}(2; \{12^9, 6^3, 4, 3^4, 2\})$	231935311872
12	$\mathcal{O}(2; \{12^9, 6^3, 4^3, 3, 2^2\})$	115935805440
12	$\mathcal{O}(2; \{12^9, 6^4, 4, 3^2, 2^2\})$	115957039104
12	$\mathcal{O}(2; \{12^9, 6^5, 4, 2^3\})$	57989136384
12	$\mathcal{O}(2; \{12^9, 6^5, 4^3\})$	231956545536
12	$\mathcal{O}(2; \{12^9, 6^6, 4, 3\})$	231935311872
12	$\mathcal{O}(2; \{12^{10}, 2^{11}\})$	3630956544
12	$\mathcal{O}(2; \{12^{10}, 3^3, 2^7\})$	28983951360
12	$\mathcal{O}(2; \{12^{10}, 3^6, 2^3\})$	231935311872
12	$\mathcal{O}(2; \{12^{10}, 4^2, 2^8\})$	14523826176
12	$\mathcal{O}(2; \{12^{10}, 4^2, 3^3, 2^4\})$	115935805440
12	$\mathcal{O}(2; \{12^{10}, 4^2, 3^6\})$	927741247488
12	$\mathcal{O}(2; \{12^{10}, 4^4, 2^5\})$	58095304704
12	$\mathcal{O}(2; \{12^{10}, 4^4, 3^3, 2\})$	463743221760
12	$\mathcal{O}(2; \{12^{10}, 4^6, 2^2\})$	232381218816
12	$\mathcal{O}(2; \{12^{10}, 6, 3, 2^8\})$	14502592512
12	$\mathcal{O}(2; \{12^{10}, 6, 3^4, 2^4\})$	115957039104
12	$\mathcal{O}(2; \{12^{10}, 6, 3^7\})$	927720013824
12	$\mathcal{O}(2; \{12^{10}, 6, 4^2, 3, 2^5\})$	58010370048
12	$\mathcal{O}(2; \{12^{10}, 6, 4^2, 3^4, 2\})$	463828156416
12	$\mathcal{O}(2; \{12^{10}, 6, 4^4, 3, 2^2\})$	232041480192
12	$\mathcal{O}(2; \{12^{10}, 6^2, 3^2, 2^5\})$	57989136384
12	$\mathcal{O}(2; \{12^{10}, 6^2, 3^5, 2\})$	463849390080
12	$\mathcal{O}(2; \{12^{10}, 6^2, 4^2, 3^2, 2^2\})$	231956545536
12	$\mathcal{O}(2; \{12^{10}, 6^3, 2^6\})$	28983951360
12	$\mathcal{O}(2; \{12^{10}, 6^3, 3^3, 2^2\})$	231935311872
12	$\mathcal{O}(2; \{12^{10}, 6^3, 4^2, 2^3\})$	115935805440
12	$\mathcal{O}(2; \{12^{10}, 6^3, 4^4\})$	463743221760

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(2; \{12^{10}, 6^4, 3, 2^3\})$	115957039104
12	$\mathcal{O}(2; \{12^{10}, 6^4, 4^2, 3\})$	463828156416
12	$\mathcal{O}(2; \{12^{10}, 6^5, 3^2\})$	463849390080
12	$\mathcal{O}(2; \{12^{10}, 6^6, 2\})$	231935311872
12	$\mathcal{O}(2; \{12^{11}, 4, 3^2, 2^5\})$	115935805440
12	$\mathcal{O}(2; \{12^{11}, 4, 3^5, 2\})$	927741247488
12	$\mathcal{O}(2; \{12^{11}, 4^3, 3^2, 2^2\})$	463743221760
12	$\mathcal{O}(2; \{12^{11}, 6, 4, 2^6\})$	58010370048
12	$\mathcal{O}(2; \{12^{11}, 6, 4, 3^3, 2^2\})$	463828156416
12	$\mathcal{O}(2; \{12^{11}, 6, 4^3, 2^3\})$	232041480192
12	$\mathcal{O}(2; \{12^{11}, 6, 4^5\})$	928165920768
12	$\mathcal{O}(2; \{12^{11}, 6^2, 4, 3, 2^3\})$	231956545536
12	$\mathcal{O}(2; \{12^{11}, 6^2, 4^3, 3\})$	927826182144
12	$\mathcal{O}(2; \{12^{11}, 6^3, 4, 3^2\})$	927741247488
12	$\mathcal{O}(2; \{12^{11}, 6^4, 4, 2\})$	463828156416
12	$\mathcal{O}(2; \{12^{12}, 3, 2^6\})$	115935805440
12	$\mathcal{O}(2; \{12^{12}, 3^4, 2^2\})$	927741247488
12	$\mathcal{O}(2; \{12^{12}, 4^2, 3, 2^3\})$	463743221760
12	$\mathcal{O}(2; \{12^{12}, 4^4, 3\})$	1854972887040
12	$\mathcal{O}(2; \{12^{12}, 6, 3^2, 2^3\})$	463828156416
12	$\mathcal{O}(2; \{12^{12}, 6, 4^2, 3^2\})$	1855312625664
12	$\mathcal{O}(2; \{12^{12}, 6^2, 2^4\})$	231956545536
12	$\mathcal{O}(2; \{12^{12}, 6^2, 3^3\})$	1855397560320
12	$\mathcal{O}(2; \{12^{12}, 6^2, 4^2, 2\})$	927826182144
12	$\mathcal{O}(2; \{12^{12}, 6^3, 3, 2\})$	927741247488
12	$\mathcal{O}(2; \{12^{13}, 4, 2^4\})$	463743221760
12	$\mathcal{O}(2; \{12^{13}, 4, 3^3\})$	3710964989952
12	$\mathcal{O}(2; \{12^{13}, 4^3, 2\})$	1854972887040
12	$\mathcal{O}(2; \{12^{13}, 6, 4, 3, 2\})$	1855312625664
12	$\mathcal{O}(2; \{12^{14}, 3^2, 2\})$	3710964989952
12	$\mathcal{O}(2; \{12^{14}, 6, 2^2\})$	1855312625664
12	$\mathcal{O}(2; \{12^{16}\})$	14843859959808
12	$\mathcal{O}(1; \{3^4, 2^{28}\})$	648
12	$\mathcal{O}(1; \{3^7, 2^{24}\})$	4536
12	$\mathcal{O}(1; \{3^{10}, 2^{20}\})$	36936
12	$\mathcal{O}(1; \{3^{13}, 2^{16}\})$	294840
12	$\mathcal{O}(1; \{3^{16}, 2^{12}\})$	2359368
12	$\mathcal{O}(1; \{3^{19}, 2^8\})$	18874296
12	$\mathcal{O}(1; \{3^{22}, 2^4\})$	150995016
12	$\mathcal{O}(1; \{3^{25}\})$	1207959480
12	$\mathcal{O}(1; \{4^2, 3^4, 2^{25}\})$	1728
12	$\mathcal{O}(1; \{4^2, 3^7, 2^{21}\})$	12096
12	$\mathcal{O}(1; \{4^2, 3^{10}, 2^{17}\})$	98496

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{4^2, 3^{13}, 2^{13}\})$	786240
12	$\mathcal{O}(1; \{4^2, 3^{16}, 2^9\})$	6291648
12	$\mathcal{O}(1; \{4^2, 3^{19}, 2^5\})$	50331456
12	$\mathcal{O}(1; \{4^2, 3^{22}, 2\})$	402653376
12	$\mathcal{O}(1; \{4^4, 3^4, 2^{22}\})$	6912
12	$\mathcal{O}(1; \{4^4, 3^7, 2^{18}\})$	48384
12	$\mathcal{O}(1; \{4^4, 3^{10}, 2^{14}\})$	393984
12	$\mathcal{O}(1; \{4^4, 3^{13}, 2^{10}\})$	3144960
12	$\mathcal{O}(1; \{4^4, 3^{16}, 2^6\})$	25166592
12	$\mathcal{O}(1; \{4^4, 3^{19}, 2^2\})$	201325824
12	$\mathcal{O}(1; \{4^6, 3^4, 2^{19}\})$	27648
12	$\mathcal{O}(1; \{4^6, 3^7, 2^{15}\})$	193536
12	$\mathcal{O}(1; \{4^6, 3^{10}, 2^{11}\})$	1575936
12	$\mathcal{O}(1; \{4^6, 3^{13}, 2^7\})$	12579840
12	$\mathcal{O}(1; \{4^6, 3^{16}, 2^3\})$	100666368
12	$\mathcal{O}(1; \{4^8, 3^4, 2^{16}\})$	110592
12	$\mathcal{O}(1; \{4^8, 3^7, 2^{12}\})$	774144
12	$\mathcal{O}(1; \{4^8, 3^{10}, 2^8\})$	6303744
12	$\mathcal{O}(1; \{4^8, 3^{13}, 2^4\})$	50319360
12	$\mathcal{O}(1; \{4^8, 3^{16}\})$	402665472
12	$\mathcal{O}(1; \{4^{10}, 3^4, 2^{13}\})$	442368
12	$\mathcal{O}(1; \{4^{10}, 3^7, 2^9\})$	3096576
12	$\mathcal{O}(1; \{4^{10}, 3^{10}, 2^5\})$	25214976
12	$\mathcal{O}(1; \{4^{10}, 3^{13}, 2\})$	201277440
12	$\mathcal{O}(1; \{4^{12}, 3^4, 2^{10}\})$	1769472
12	$\mathcal{O}(1; \{4^{12}, 3^7, 2^6\})$	12386304
12	$\mathcal{O}(1; \{4^{12}, 3^{10}, 2^2\})$	100859904
12	$\mathcal{O}(1; \{4^{14}, 3^4, 2^7\})$	7077888
12	$\mathcal{O}(1; \{4^{14}, 3^7, 2^3\})$	49545216
12	$\mathcal{O}(1; \{4^{16}, 3^4, 2^4\})$	28311552
12	$\mathcal{O}(1; \{4^{16}, 3^7\})$	198180864
12	$\mathcal{O}(1; \{4^{18}, 3^4, 2\})$	113246208
12	$\mathcal{O}(1; \{6, 3^2, 2^{29}\})$	216
12	$\mathcal{O}(1; \{6, 3^5, 2^{25}\})$	2376
12	$\mathcal{O}(1; \{6, 3^8, 2^{21}\})$	18360
12	$\mathcal{O}(1; \{6, 3^{11}, 2^{17}\})$	147528
12	$\mathcal{O}(1; \{6, 3^{14}, 2^{13}\})$	1179576
12	$\mathcal{O}(1; \{6, 3^{17}, 2^9\})$	9437256
12	$\mathcal{O}(1; \{6, 3^{20}, 2^5\})$	75497400
12	$\mathcal{O}(1; \{6, 3^{23}, 2\})$	603979848
12	$\mathcal{O}(1; \{6, 4^2, 3^2, 2^{26}\})$	576
12	$\mathcal{O}(1; \{6, 4^2, 3^5, 2^{22}\})$	6336
12	$\mathcal{O}(1; \{6, 4^2, 3^8, 2^{18}\})$	48960

Continued on next page

Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6, 4^2, 3^{11}, 2^{14}\})$	393408
12	$\mathcal{O}(1; \{6, 4^2, 3^{14}, 2^{10}\})$	3145536
12	$\mathcal{O}(1; \{6, 4^2, 3^{17}, 2^6\})$	25166016
12	$\mathcal{O}(1; \{6, 4^2, 3^{20}, 2^2\})$	201326400
12	$\mathcal{O}(1; \{6, 4^4, 3^2, 2^{23}\})$	2304
12	$\mathcal{O}(1; \{6, 4^4, 3^5, 2^{19}\})$	25344
12	$\mathcal{O}(1; \{6, 4^4, 3^8, 2^{15}\})$	195840
12	$\mathcal{O}(1; \{6, 4^4, 3^{11}, 2^{11}\})$	1573632
12	$\mathcal{O}(1; \{6, 4^4, 3^{14}, 2^7\})$	12582144
12	$\mathcal{O}(1; \{6, 4^4, 3^{17}, 2^3\})$	100664064
12	$\mathcal{O}(1; \{6, 4^6, 3^2, 2^{20}\})$	9216
12	$\mathcal{O}(1; \{6, 4^6, 3^5, 2^{16}\})$	101376
12	$\mathcal{O}(1; \{6, 4^6, 3^8, 2^{12}\})$	783360
12	$\mathcal{O}(1; \{6, 4^6, 3^{11}, 2^8\})$	6294528
12	$\mathcal{O}(1; \{6, 4^6, 3^{14}, 2^4\})$	50328576
12	$\mathcal{O}(1; \{6, 4^6, 3^{17}\})$	402656256
12	$\mathcal{O}(1; \{6, 4^8, 3^2, 2^{17}\})$	36864
12	$\mathcal{O}(1; \{6, 4^8, 3^5, 2^{13}\})$	405504
12	$\mathcal{O}(1; \{6, 4^8, 3^8, 2^9\})$	3133440
12	$\mathcal{O}(1; \{6, 4^8, 3^{11}, 2^5\})$	25178112
12	$\mathcal{O}(1; \{6, 4^8, 3^{14}, 2\})$	201314304
12	$\mathcal{O}(1; \{6, 4^{10}, 3^2, 2^{14}\})$	147456
12	$\mathcal{O}(1; \{6, 4^{10}, 3^5, 2^{10}\})$	1622016
12	$\mathcal{O}(1; \{6, 4^{10}, 3^8, 2^6\})$	12533760
12	$\mathcal{O}(1; \{6, 4^{10}, 3^{11}, 2^2\})$	100712448
12	$\mathcal{O}(1; \{6, 4^{12}, 3^2, 2^{11}\})$	589824
12	$\mathcal{O}(1; \{6, 4^{12}, 3^5, 2^7\})$	6488064
12	$\mathcal{O}(1; \{6, 4^{12}, 3^8, 2^3\})$	50135040
12	$\mathcal{O}(1; \{6, 4^{14}, 3^2, 2^8\})$	2359296
12	$\mathcal{O}(1; \{6, 4^{14}, 3^5, 2^4\})$	25952256
12	$\mathcal{O}(1; \{6, 4^{14}, 3^8\})$	200540160
12	$\mathcal{O}(1; \{6, 4^{16}, 3^2, 2^5\})$	9437184
12	$\mathcal{O}(1; \{6, 4^{16}, 3^5, 2\})$	103809024
12	$\mathcal{O}(1; \{6, 4^{18}, 3^2, 2^2\})$	37748736
12	$\mathcal{O}(1; \{6^2, 2^{30}\})$	216
12	$\mathcal{O}(1; \{6^2, 3^3, 2^{26}\})$	1080
12	$\mathcal{O}(1; \{6^2, 3^6, 2^{22}\})$	9288
12	$\mathcal{O}(1; \{6^2, 3^9, 2^{18}\})$	73656
12	$\mathcal{O}(1; \{6^2, 3^{12}, 2^{14}\})$	589896
12	$\mathcal{O}(1; \{6^2, 3^{15}, 2^{10}\})$	4718520
12	$\mathcal{O}(1; \{6^2, 3^{18}, 2^6\})$	37748808
12	$\mathcal{O}(1; \{6^2, 3^{21}, 2^2\})$	301989816
12	$\mathcal{O}(1; \{6^2, 4^2, 2^{27}\})$	576

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^2, 4^2, 3^3, 2^{23}\})$	2880
12	$\mathcal{O}(1; \{6^2, 4^2, 3^6, 2^{19}\})$	24768
12	$\mathcal{O}(1; \{6^2, 4^2, 3^9, 2^{15}\})$	196416
12	$\mathcal{O}(1; \{6^2, 4^2, 3^{12}, 2^{11}\})$	1573056
12	$\mathcal{O}(1; \{6^2, 4^2, 3^{15}, 2^7\})$	12582720
12	$\mathcal{O}(1; \{6^2, 4^2, 3^{18}, 2^3\})$	100663488
12	$\mathcal{O}(1; \{6^2, 4^4, 2^{24}\})$	2304
12	$\mathcal{O}(1; \{6^2, 4^4, 3^3, 2^{20}\})$	11520
12	$\mathcal{O}(1; \{6^2, 4^4, 3^6, 2^{16}\})$	99072
12	$\mathcal{O}(1; \{6^2, 4^4, 3^9, 2^{12}\})$	785664
12	$\mathcal{O}(1; \{6^2, 4^4, 3^{12}, 2^8\})$	6292224
12	$\mathcal{O}(1; \{6^2, 4^4, 3^{15}, 2^4\})$	50330880
12	$\mathcal{O}(1; \{6^2, 4^4, 3^{18}\})$	402653952
12	$\mathcal{O}(1; \{6^2, 4^6, 2^{21}\})$	9216
12	$\mathcal{O}(1; \{6^2, 4^6, 3^3, 2^{17}\})$	46080
12	$\mathcal{O}(1; \{6^2, 4^6, 3^6, 2^{13}\})$	396288
12	$\mathcal{O}(1; \{6^2, 4^6, 3^9, 2^9\})$	3142656
12	$\mathcal{O}(1; \{6^2, 4^6, 3^{12}, 2^5\})$	25168896
12	$\mathcal{O}(1; \{6^2, 4^6, 3^{15}, 2\})$	201323520
12	$\mathcal{O}(1; \{6^2, 4^8, 2^{18}\})$	36864
12	$\mathcal{O}(1; \{6^2, 4^8, 3^3, 2^{14}\})$	184320
12	$\mathcal{O}(1; \{6^2, 4^8, 3^6, 2^{10}\})$	1585152
12	$\mathcal{O}(1; \{6^2, 4^8, 3^9, 2^6\})$	12570624
12	$\mathcal{O}(1; \{6^2, 4^8, 3^{12}, 2^2\})$	100675584
12	$\mathcal{O}(1; \{6^2, 4^{10}, 2^{15}\})$	147456
12	$\mathcal{O}(1; \{6^2, 4^{10}, 3^3, 2^{11}\})$	737280
12	$\mathcal{O}(1; \{6^2, 4^{10}, 3^6, 2^7\})$	6340608
12	$\mathcal{O}(1; \{6^2, 4^{10}, 3^9, 2^3\})$	50282496
12	$\mathcal{O}(1; \{6^2, 4^{12}, 2^{12}\})$	589824
12	$\mathcal{O}(1; \{6^2, 4^{12}, 3^3, 2^8\})$	2949120
12	$\mathcal{O}(1; \{6^2, 4^{12}, 3^6, 2^4\})$	25362432
12	$\mathcal{O}(1; \{6^2, 4^{12}, 3^9\})$	201129984
12	$\mathcal{O}(1; \{6^2, 4^{14}, 2^9\})$	2359296
12	$\mathcal{O}(1; \{6^2, 4^{14}, 3^3, 2^5\})$	11796480
12	$\mathcal{O}(1; \{6^2, 4^{14}, 3^6, 2\})$	101449728
12	$\mathcal{O}(1; \{6^2, 4^{16}, 2^6\})$	9437184
12	$\mathcal{O}(1; \{6^2, 4^{16}, 3^3, 2^2\})$	47185920
12	$\mathcal{O}(1; \{6^2, 4^{18}, 2^3\})$	37748736
12	$\mathcal{O}(1; \{6^2, 4^{20}\})$	150994944
12	$\mathcal{O}(1; \{6^3, 3, 2^{27}\})$	648
12	$\mathcal{O}(1; \{6^3, 3^4, 2^{23}\})$	4536
12	$\mathcal{O}(1; \{6^3, 3^7, 2^{19}\})$	36936
12	$\mathcal{O}(1; \{6^3, 3^{10}, 2^{15}\})$	294840

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^3, 3^{13}, 2^{11}\})$	2359368
12	$\mathcal{O}(1; \{6^3, 3^{16}, 2^7\})$	18874296
12	$\mathcal{O}(1; \{6^3, 3^{19}, 2^3\})$	150995016
12	$\mathcal{O}(1; \{6^3, 4^2, 3, 2^{24}\})$	1728
12	$\mathcal{O}(1; \{6^3, 4^2, 3^4, 2^{20}\})$	12096
12	$\mathcal{O}(1; \{6^3, 4^2, 3^7, 2^{16}\})$	98496
12	$\mathcal{O}(1; \{6^3, 4^2, 3^{10}, 2^{12}\})$	786240
12	$\mathcal{O}(1; \{6^3, 4^2, 3^{13}, 2^8\})$	6291648
12	$\mathcal{O}(1; \{6^3, 4^2, 3^{16}, 2^4\})$	50331456
12	$\mathcal{O}(1; \{6^3, 4^2, 3^{19}\})$	402653376
12	$\mathcal{O}(1; \{6^3, 4^4, 3, 2^{21}\})$	6912
12	$\mathcal{O}(1; \{6^3, 4^4, 3^4, 2^{17}\})$	48384
12	$\mathcal{O}(1; \{6^3, 4^4, 3^7, 2^{13}\})$	393984
12	$\mathcal{O}(1; \{6^3, 4^4, 3^{10}, 2^9\})$	3144960
12	$\mathcal{O}(1; \{6^3, 4^4, 3^{13}, 2^5\})$	25166592
12	$\mathcal{O}(1; \{6^3, 4^4, 3^{16}, 2\})$	201325824
12	$\mathcal{O}(1; \{6^3, 4^6, 3, 2^{18}\})$	27648
12	$\mathcal{O}(1; \{6^3, 4^6, 3^4, 2^{14}\})$	193536
12	$\mathcal{O}(1; \{6^3, 4^6, 3^7, 2^{10}\})$	1575936
12	$\mathcal{O}(1; \{6^3, 4^6, 3^{10}, 2^6\})$	12579840
12	$\mathcal{O}(1; \{6^3, 4^6, 3^{13}, 2^2\})$	100666368
12	$\mathcal{O}(1; \{6^3, 4^8, 3, 2^{15}\})$	110592
12	$\mathcal{O}(1; \{6^3, 4^8, 3^4, 2^{11}\})$	774144
12	$\mathcal{O}(1; \{6^3, 4^8, 3^7, 2^7\})$	6303744
12	$\mathcal{O}(1; \{6^3, 4^8, 3^{10}, 2^3\})$	50319360
12	$\mathcal{O}(1; \{6^3, 4^{10}, 3, 2^{12}\})$	442368
12	$\mathcal{O}(1; \{6^3, 4^{10}, 3^4, 2^8\})$	3096576
12	$\mathcal{O}(1; \{6^3, 4^{10}, 3^7, 2^4\})$	25214976
12	$\mathcal{O}(1; \{6^3, 4^{10}, 3^{10}\})$	201277440
12	$\mathcal{O}(1; \{6^3, 4^{12}, 3, 2^9\})$	1769472
12	$\mathcal{O}(1; \{6^3, 4^{12}, 3^4, 2^5\})$	12386304
12	$\mathcal{O}(1; \{6^3, 4^{12}, 3^7, 2\})$	100859904
12	$\mathcal{O}(1; \{6^3, 4^{14}, 3, 2^6\})$	7077888
12	$\mathcal{O}(1; \{6^3, 4^{14}, 3^4, 2^2\})$	49545216
12	$\mathcal{O}(1; \{6^3, 4^{16}, 3, 2^3\})$	28311552
12	$\mathcal{O}(1; \{6^3, 4^{18}, 3\})$	113246208
12	$\mathcal{O}(1; \{6^4, 3^2, 2^{24}\})$	2376
12	$\mathcal{O}(1; \{6^4, 3^5, 2^{20}\})$	18360
12	$\mathcal{O}(1; \{6^4, 3^8, 2^{16}\})$	147528
12	$\mathcal{O}(1; \{6^4, 3^{11}, 2^{12}\})$	1179576
12	$\mathcal{O}(1; \{6^4, 3^{14}, 2^8\})$	9437256
12	$\mathcal{O}(1; \{6^4, 3^{17}, 2^4\})$	75497400
12	$\mathcal{O}(1; \{6^4, 3^{20}\})$	603979848

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^4, 4^2, 3^2, 2^{21}\})$	6336
12	$\mathcal{O}(1; \{6^4, 4^2, 3^5, 2^{17}\})$	48960
12	$\mathcal{O}(1; \{6^4, 4^2, 3^8, 2^{13}\})$	393408
12	$\mathcal{O}(1; \{6^4, 4^2, 3^{11}, 2^9\})$	3145536
12	$\mathcal{O}(1; \{6^4, 4^2, 3^{14}, 2^5\})$	25166016
12	$\mathcal{O}(1; \{6^4, 4^2, 3^{17}, 2\})$	201326400
12	$\mathcal{O}(1; \{6^4, 4^4, 3^2, 2^{18}\})$	25344
12	$\mathcal{O}(1; \{6^4, 4^4, 3^5, 2^{14}\})$	195840
12	$\mathcal{O}(1; \{6^4, 4^4, 3^8, 2^{10}\})$	1573632
12	$\mathcal{O}(1; \{6^4, 4^4, 3^{11}, 2^6\})$	12582144
12	$\mathcal{O}(1; \{6^4, 4^4, 3^{14}, 2^2\})$	100664064
12	$\mathcal{O}(1; \{6^4, 4^6, 3^2, 2^{15}\})$	101376
12	$\mathcal{O}(1; \{6^4, 4^6, 3^5, 2^{11}\})$	783360
12	$\mathcal{O}(1; \{6^4, 4^6, 3^8, 2^7\})$	6294528
12	$\mathcal{O}(1; \{6^4, 4^6, 3^{11}, 2^3\})$	50328576
12	$\mathcal{O}(1; \{6^4, 4^8, 3^2, 2^{12}\})$	405504
12	$\mathcal{O}(1; \{6^4, 4^8, 3^5, 2^8\})$	3133440
12	$\mathcal{O}(1; \{6^4, 4^8, 3^8, 2^4\})$	25178112
12	$\mathcal{O}(1; \{6^4, 4^8, 3^{11}\})$	201314304
12	$\mathcal{O}(1; \{6^4, 4^{10}, 3^2, 2^9\})$	1622016
12	$\mathcal{O}(1; \{6^4, 4^{10}, 3^5, 2^5\})$	12533760
12	$\mathcal{O}(1; \{6^4, 4^{10}, 3^8, 2\})$	100712448
12	$\mathcal{O}(1; \{6^4, 4^{12}, 3^2, 2^6\})$	6488064
12	$\mathcal{O}(1; \{6^4, 4^{12}, 3^5, 2^2\})$	50135040
12	$\mathcal{O}(1; \{6^4, 4^{14}, 3^2, 2^3\})$	25952256
12	$\mathcal{O}(1; \{6^4, 4^{16}, 3^2\})$	103809024
12	$\mathcal{O}(1; \{6^5, 2^{25}\})$	1080
12	$\mathcal{O}(1; \{6^5, 3^3, 2^{21}\})$	9288
12	$\mathcal{O}(1; \{6^5, 3^6, 2^{17}\})$	73656
12	$\mathcal{O}(1; \{6^5, 3^9, 2^{13}\})$	589896
12	$\mathcal{O}(1; \{6^5, 3^{12}, 2^9\})$	4718520
12	$\mathcal{O}(1; \{6^5, 3^{15}, 2^5\})$	37748808
12	$\mathcal{O}(1; \{6^5, 3^{18}, 2\})$	301989816
12	$\mathcal{O}(1; \{6^5, 4^2, 2^{22}\})$	2880
12	$\mathcal{O}(1; \{6^5, 4^2, 3^3, 2^{18}\})$	24768
12	$\mathcal{O}(1; \{6^5, 4^2, 3^6, 2^{14}\})$	196416
12	$\mathcal{O}(1; \{6^5, 4^2, 3^9, 2^{10}\})$	1573056
12	$\mathcal{O}(1; \{6^5, 4^2, 3^{12}, 2^6\})$	12582720
12	$\mathcal{O}(1; \{6^5, 4^2, 3^{15}, 2^2\})$	100663488
12	$\mathcal{O}(1; \{6^5, 4^4, 2^{19}\})$	11520
12	$\mathcal{O}(1; \{6^5, 4^4, 3^3, 2^{15}\})$	99072
12	$\mathcal{O}(1; \{6^5, 4^4, 3^6, 2^{11}\})$	785664
12	$\mathcal{O}(1; \{6^5, 4^4, 3^9, 2^7\})$	6292224

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^5, 4^4, 3^{12}, 2^3\})$	50330880
12	$\mathcal{O}(1; \{6^5, 4^6, 2^{16}\})$	46080
12	$\mathcal{O}(1; \{6^5, 4^6, 3^3, 2^{12}\})$	396288
12	$\mathcal{O}(1; \{6^5, 4^6, 3^6, 2^8\})$	3142656
12	$\mathcal{O}(1; \{6^5, 4^6, 3^9, 2^4\})$	25168896
12	$\mathcal{O}(1; \{6^5, 4^6, 3^{12}\})$	201323520
12	$\mathcal{O}(1; \{6^5, 4^8, 2^{13}\})$	184320
12	$\mathcal{O}(1; \{6^5, 4^8, 3^3, 2^9\})$	1585152
12	$\mathcal{O}(1; \{6^5, 4^8, 3^6, 2^5\})$	12570624
12	$\mathcal{O}(1; \{6^5, 4^8, 3^9, 2\})$	100675584
12	$\mathcal{O}(1; \{6^5, 4^{10}, 2^{10}\})$	737280
12	$\mathcal{O}(1; \{6^5, 4^{10}, 3^3, 2^6\})$	6340608
12	$\mathcal{O}(1; \{6^5, 4^{10}, 3^6, 2^2\})$	50282496
12	$\mathcal{O}(1; \{6^5, 4^{12}, 2^7\})$	2949120
12	$\mathcal{O}(1; \{6^5, 4^{12}, 3^3, 2^3\})$	25362432
12	$\mathcal{O}(1; \{6^5, 4^{14}, 2^4\})$	11796480
12	$\mathcal{O}(1; \{6^5, 4^{14}, 3^3\})$	101449728
12	$\mathcal{O}(1; \{6^5, 4^{16}, 2\})$	47185920
12	$\mathcal{O}(1; \{6^6, 3, 2^{22}\})$	4536
12	$\mathcal{O}(1; \{6^6, 3^4, 2^{18}\})$	36936
12	$\mathcal{O}(1; \{6^6, 3^7, 2^{14}\})$	294840
12	$\mathcal{O}(1; \{6^6, 3^{10}, 2^{10}\})$	2359368
12	$\mathcal{O}(1; \{6^6, 3^{13}, 2^6\})$	18874296
12	$\mathcal{O}(1; \{6^6, 3^{16}, 2^2\})$	150995016
12	$\mathcal{O}(1; \{6^6, 4^2, 3, 2^{19}\})$	12096
12	$\mathcal{O}(1; \{6^6, 4^2, 3^4, 2^{15}\})$	98496
12	$\mathcal{O}(1; \{6^6, 4^2, 3^7, 2^{11}\})$	786240
12	$\mathcal{O}(1; \{6^6, 4^2, 3^{10}, 2^7\})$	6291648
12	$\mathcal{O}(1; \{6^6, 4^2, 3^{13}, 2^3\})$	50331456
12	$\mathcal{O}(1; \{6^6, 4^4, 3, 2^{16}\})$	48384
12	$\mathcal{O}(1; \{6^6, 4^4, 3^4, 2^{12}\})$	393984
12	$\mathcal{O}(1; \{6^6, 4^4, 3^7, 2^8\})$	3144960
12	$\mathcal{O}(1; \{6^6, 4^4, 3^{10}, 2^4\})$	25166592
12	$\mathcal{O}(1; \{6^6, 4^4, 3^{13}\})$	201325824
12	$\mathcal{O}(1; \{6^6, 4^6, 3, 2^{13}\})$	193536
12	$\mathcal{O}(1; \{6^6, 4^6, 3^4, 2^9\})$	1575936
12	$\mathcal{O}(1; \{6^6, 4^6, 3^7, 2^5\})$	12579840
12	$\mathcal{O}(1; \{6^6, 4^6, 3^{10}, 2\})$	100666368
12	$\mathcal{O}(1; \{6^6, 4^8, 3, 2^{10}\})$	774144
12	$\mathcal{O}(1; \{6^6, 4^8, 3^4, 2^6\})$	6303744
12	$\mathcal{O}(1; \{6^6, 4^8, 3^7, 2^2\})$	50319360
12	$\mathcal{O}(1; \{6^6, 4^{10}, 3, 2^7\})$	3096576
12	$\mathcal{O}(1; \{6^6, 4^{10}, 3^4, 2^3\})$	25214976

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^6, 4^{12}, 3, 2^4\})$	12386304
12	$\mathcal{O}(1; \{6^6, 4^{12}, 3^4\})$	100859904
12	$\mathcal{O}(1; \{6^6, 4^{14}, 3, 2\})$	49545216
12	$\mathcal{O}(1; \{6^7, 3^2, 2^{19}\})$	18360
12	$\mathcal{O}(1; \{6^7, 3^5, 2^{15}\})$	147528
12	$\mathcal{O}(1; \{6^7, 3^8, 2^{11}\})$	1179576
12	$\mathcal{O}(1; \{6^7, 3^{11}, 2^7\})$	9437256
12	$\mathcal{O}(1; \{6^7, 3^{14}, 2^3\})$	75497400
12	$\mathcal{O}(1; \{6^7, 4^2, 3^2, 2^{16}\})$	48960
12	$\mathcal{O}(1; \{6^7, 4^2, 3^5, 2^{12}\})$	393408
12	$\mathcal{O}(1; \{6^7, 4^2, 3^8, 2^8\})$	3145536
12	$\mathcal{O}(1; \{6^7, 4^2, 3^{11}, 2^4\})$	25166016
12	$\mathcal{O}(1; \{6^7, 4^2, 3^{14}\})$	201326400
12	$\mathcal{O}(1; \{6^7, 4^4, 3^2, 2^{13}\})$	195840
12	$\mathcal{O}(1; \{6^7, 4^4, 3^5, 2^9\})$	1573632
12	$\mathcal{O}(1; \{6^7, 4^4, 3^8, 2^5\})$	12582144
12	$\mathcal{O}(1; \{6^7, 4^4, 3^{11}, 2\})$	100664064
12	$\mathcal{O}(1; \{6^7, 4^6, 3^2, 2^{10}\})$	783360
12	$\mathcal{O}(1; \{6^7, 4^6, 3^5, 2^6\})$	6294528
12	$\mathcal{O}(1; \{6^7, 4^6, 3^8, 2^2\})$	50328576
12	$\mathcal{O}(1; \{6^7, 4^8, 3^2, 2^7\})$	3133440
12	$\mathcal{O}(1; \{6^7, 4^8, 3^5, 2^3\})$	25178112
12	$\mathcal{O}(1; \{6^7, 4^{10}, 3^2, 2^4\})$	12533760
12	$\mathcal{O}(1; \{6^7, 4^{10}, 3^5\})$	100712448
12	$\mathcal{O}(1; \{6^7, 4^{12}, 3^2, 2\})$	50135040
12	$\mathcal{O}(1; \{6^8, 2^{20}\})$	9288
12	$\mathcal{O}(1; \{6^8, 3^3, 2^{16}\})$	73656
12	$\mathcal{O}(1; \{6^8, 3^6, 2^{12}\})$	589896
12	$\mathcal{O}(1; \{6^8, 3^9, 2^8\})$	4718520
12	$\mathcal{O}(1; \{6^8, 3^{12}, 2^4\})$	37748808
12	$\mathcal{O}(1; \{6^8, 3^{15}\})$	301989816
12	$\mathcal{O}(1; \{6^8, 4^2, 2^{17}\})$	24768
12	$\mathcal{O}(1; \{6^8, 4^2, 3^3, 2^{13}\})$	196416
12	$\mathcal{O}(1; \{6^8, 4^2, 3^6, 2^9\})$	1573056
12	$\mathcal{O}(1; \{6^8, 4^2, 3^9, 2^5\})$	12582720
12	$\mathcal{O}(1; \{6^8, 4^2, 3^{12}, 2\})$	100663488
12	$\mathcal{O}(1; \{6^8, 4^4, 2^{14}\})$	99072
12	$\mathcal{O}(1; \{6^8, 4^4, 3^3, 2^{10}\})$	785664
12	$\mathcal{O}(1; \{6^8, 4^4, 3^6, 2^6\})$	6292224
12	$\mathcal{O}(1; \{6^8, 4^4, 3^9, 2^2\})$	50330880
12	$\mathcal{O}(1; \{6^8, 4^6, 2^{11}\})$	396288
12	$\mathcal{O}(1; \{6^8, 4^6, 3^3, 2^7\})$	3142656
12	$\mathcal{O}(1; \{6^8, 4^6, 3^6, 2^3\})$	25168896

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^8, 4^8, 2^8\})$	1585152
12	$\mathcal{O}(1; \{6^8, 4^8, 3^3, 2^4\})$	12570624
12	$\mathcal{O}(1; \{6^8, 4^8, 3^6\})$	100675584
12	$\mathcal{O}(1; \{6^8, 4^{10}, 2^5\})$	6340608
12	$\mathcal{O}(1; \{6^8, 4^{10}, 3^3, 2\})$	50282496
12	$\mathcal{O}(1; \{6^8, 4^{12}, 2^2\})$	25362432
12	$\mathcal{O}(1; \{6^9, 3, 2^{17}\})$	36936
12	$\mathcal{O}(1; \{6^9, 3^4, 2^{13}\})$	294840
12	$\mathcal{O}(1; \{6^9, 3^7, 2^9\})$	2359368
12	$\mathcal{O}(1; \{6^9, 3^{10}, 2^5\})$	18874296
12	$\mathcal{O}(1; \{6^9, 3^{13}, 2\})$	150995016
12	$\mathcal{O}(1; \{6^9, 4^2, 3, 2^{14}\})$	98496
12	$\mathcal{O}(1; \{6^9, 4^2, 3^4, 2^{10}\})$	786240
12	$\mathcal{O}(1; \{6^9, 4^2, 3^7, 2^6\})$	6291648
12	$\mathcal{O}(1; \{6^9, 4^2, 3^{10}, 2^2\})$	50331456
12	$\mathcal{O}(1; \{6^9, 4^4, 3, 2^{11}\})$	393984
12	$\mathcal{O}(1; \{6^9, 4^4, 3^4, 2^7\})$	3144960
12	$\mathcal{O}(1; \{6^9, 4^4, 3^7, 2^3\})$	25166592
12	$\mathcal{O}(1; \{6^9, 4^6, 3, 2^8\})$	1575936
12	$\mathcal{O}(1; \{6^9, 4^6, 3^4, 2^4\})$	12579840
12	$\mathcal{O}(1; \{6^9, 4^6, 3^7\})$	100666368
12	$\mathcal{O}(1; \{6^9, 4^8, 3, 2^5\})$	6303744
12	$\mathcal{O}(1; \{6^9, 4^8, 3^4, 2\})$	50319360
12	$\mathcal{O}(1; \{6^9, 4^{10}, 3, 2^2\})$	25214976
12	$\mathcal{O}(1; \{6^{10}, 3^2, 2^{14}\})$	147528
12	$\mathcal{O}(1; \{6^{10}, 3^5, 2^{10}\})$	1179576
12	$\mathcal{O}(1; \{6^{10}, 3^8, 2^6\})$	9437256
12	$\mathcal{O}(1; \{6^{10}, 3^{11}, 2^2\})$	75497400
12	$\mathcal{O}(1; \{6^{10}, 4^2, 3^2, 2^{11}\})$	393408
12	$\mathcal{O}(1; \{6^{10}, 4^2, 3^5, 2^7\})$	3145536
12	$\mathcal{O}(1; \{6^{10}, 4^2, 3^8, 2^3\})$	25166016
12	$\mathcal{O}(1; \{6^{10}, 4^4, 3^2, 2^8\})$	1573632
12	$\mathcal{O}(1; \{6^{10}, 4^4, 3^5, 2^4\})$	12582144
12	$\mathcal{O}(1; \{6^{10}, 4^4, 3^8\})$	100664064
12	$\mathcal{O}(1; \{6^{10}, 4^6, 3^2, 2^5\})$	6294528
12	$\mathcal{O}(1; \{6^{10}, 4^6, 3^5, 2\})$	50328576
12	$\mathcal{O}(1; \{6^{10}, 4^8, 3^2, 2^2\})$	25178112
12	$\mathcal{O}(1; \{6^{11}, 2^{15}\})$	73656
12	$\mathcal{O}(1; \{6^{11}, 3^3, 2^{11}\})$	589896
12	$\mathcal{O}(1; \{6^{11}, 3^6, 2^7\})$	4718520
12	$\mathcal{O}(1; \{6^{11}, 3^9, 2^3\})$	37748808
12	$\mathcal{O}(1; \{6^{11}, 4^2, 2^{12}\})$	196416
12	$\mathcal{O}(1; \{6^{11}, 4^2, 3^3, 2^8\})$	1573056

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^{11}, 4^2, 3^6, 2^4\})$	12582720
12	$\mathcal{O}(1; \{6^{11}, 4^2, 3^9\})$	100663488
12	$\mathcal{O}(1; \{6^{11}, 4^4, 2^9\})$	785664
12	$\mathcal{O}(1; \{6^{11}, 4^4, 3^3, 2^5\})$	6292224
12	$\mathcal{O}(1; \{6^{11}, 4^4, 3^6, 2\})$	50330880
12	$\mathcal{O}(1; \{6^{11}, 4^6, 2^6\})$	3142656
12	$\mathcal{O}(1; \{6^{11}, 4^6, 3^3, 2^2\})$	25168896
12	$\mathcal{O}(1; \{6^{11}, 4^8, 2^3\})$	12570624
12	$\mathcal{O}(1; \{6^{11}, 4^{10}\})$	50282496
12	$\mathcal{O}(1; \{6^{12}, 3, 2^{12}\})$	294840
12	$\mathcal{O}(1; \{6^{12}, 3^4, 2^8\})$	2359368
12	$\mathcal{O}(1; \{6^{12}, 3^7, 2^4\})$	18874296
12	$\mathcal{O}(1; \{6^{12}, 3^{10}\})$	150995016
12	$\mathcal{O}(1; \{6^{12}, 4^2, 3, 2^9\})$	786240
12	$\mathcal{O}(1; \{6^{12}, 4^2, 3^4, 2^5\})$	6291648
12	$\mathcal{O}(1; \{6^{12}, 4^2, 3^7, 2\})$	50331456
12	$\mathcal{O}(1; \{6^{12}, 4^4, 3, 2^6\})$	3144960
12	$\mathcal{O}(1; \{6^{12}, 4^4, 3^4, 2^2\})$	25166592
12	$\mathcal{O}(1; \{6^{12}, 4^6, 3, 2^3\})$	12579840
12	$\mathcal{O}(1; \{6^{12}, 4^8, 3\})$	50319360
12	$\mathcal{O}(1; \{6^{13}, 3^2, 2^9\})$	1179576
12	$\mathcal{O}(1; \{6^{13}, 3^5, 2^5\})$	9437256
12	$\mathcal{O}(1; \{6^{13}, 3^8, 2\})$	75497400
12	$\mathcal{O}(1; \{6^{13}, 4^2, 3^2, 2^6\})$	3145536
12	$\mathcal{O}(1; \{6^{13}, 4^2, 3^5, 2^2\})$	25166016
12	$\mathcal{O}(1; \{6^{13}, 4^4, 3^2, 2^3\})$	12582144
12	$\mathcal{O}(1; \{6^{13}, 4^6, 3^2\})$	50328576
12	$\mathcal{O}(1; \{6^{14}, 2^{10}\})$	589896
12	$\mathcal{O}(1; \{6^{14}, 3^3, 2^6\})$	4718520
12	$\mathcal{O}(1; \{6^{14}, 3^6, 2^2\})$	37748808
12	$\mathcal{O}(1; \{6^{14}, 4^2, 2^7\})$	1573056
12	$\mathcal{O}(1; \{6^{14}, 4^2, 3^3, 2^3\})$	12582720
12	$\mathcal{O}(1; \{6^{14}, 4^4, 2^4\})$	6292224
12	$\mathcal{O}(1; \{6^{14}, 4^4, 3^3\})$	50330880
12	$\mathcal{O}(1; \{6^{14}, 4^6, 2\})$	25168896
12	$\mathcal{O}(1; \{6^{15}, 3, 2^7\})$	2359368
12	$\mathcal{O}(1; \{6^{15}, 3^4, 2^3\})$	18874296
12	$\mathcal{O}(1; \{6^{15}, 4^2, 3, 2^4\})$	6291648
12	$\mathcal{O}(1; \{6^{15}, 4^2, 3^4\})$	50331456
12	$\mathcal{O}(1; \{6^{15}, 4^4, 3, 2\})$	25166592
12	$\mathcal{O}(1; \{6^{16}, 3^2, 2^4\})$	9437256
12	$\mathcal{O}(1; \{6^{16}, 3^5\})$	75497400
12	$\mathcal{O}(1; \{6^{16}, 4^2, 3^2, 2\})$	25166016

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{6^{17}, 2^5\})$	4718520
12	$\mathcal{O}(1; \{6^{17}, 3^3, 2\})$	37748808
12	$\mathcal{O}(1; \{6^{17}, 4^2, 2^2\})$	12582720
12	$\mathcal{O}(1; \{6^{18}, 3, 2^2\})$	18874296
12	$\mathcal{O}(1; \{6^{20}\})$	37748808
12	$\mathcal{O}(1; \{12, 4, 3^3, 2^{26}\})$	1728
12	$\mathcal{O}(1; \{12, 4, 3^6, 2^{22}\})$	12096
12	$\mathcal{O}(1; \{12, 4, 3^9, 2^{18}\})$	98496
12	$\mathcal{O}(1; \{12, 4, 3^{12}, 2^{14}\})$	786240
12	$\mathcal{O}(1; \{12, 4, 3^{15}, 2^{10}\})$	6291648
12	$\mathcal{O}(1; \{12, 4, 3^{18}, 2^6\})$	50331456
12	$\mathcal{O}(1; \{12, 4, 3^{21}, 2^2\})$	402653376
12	$\mathcal{O}(1; \{12, 4^3, 3^3, 2^{23}\})$	6912
12	$\mathcal{O}(1; \{12, 4^3, 3^6, 2^{19}\})$	48384
12	$\mathcal{O}(1; \{12, 4^3, 3^9, 2^{15}\})$	393984
12	$\mathcal{O}(1; \{12, 4^3, 3^{12}, 2^{11}\})$	3144960
12	$\mathcal{O}(1; \{12, 4^3, 3^{15}, 2^7\})$	25166592
12	$\mathcal{O}(1; \{12, 4^3, 3^{18}, 2^3\})$	201325824
12	$\mathcal{O}(1; \{12, 4^5, 3^3, 2^{20}\})$	27648
12	$\mathcal{O}(1; \{12, 4^5, 3^6, 2^{16}\})$	193536
12	$\mathcal{O}(1; \{12, 4^5, 3^9, 2^{12}\})$	1575936
12	$\mathcal{O}(1; \{12, 4^5, 3^{12}, 2^8\})$	12579840
12	$\mathcal{O}(1; \{12, 4^5, 3^{15}, 2^4\})$	100666368
12	$\mathcal{O}(1; \{12, 4^5, 3^{18}\})$	805303296
12	$\mathcal{O}(1; \{12, 4^7, 3^3, 2^{17}\})$	110592
12	$\mathcal{O}(1; \{12, 4^7, 3^6, 2^{13}\})$	774144
12	$\mathcal{O}(1; \{12, 4^7, 3^9, 2^9\})$	6303744
12	$\mathcal{O}(1; \{12, 4^7, 3^{12}, 2^5\})$	50319360
12	$\mathcal{O}(1; \{12, 4^7, 3^{15}, 2\})$	402665472
12	$\mathcal{O}(1; \{12, 4^9, 3^3, 2^{14}\})$	442368
12	$\mathcal{O}(1; \{12, 4^9, 3^6, 2^{10}\})$	3096576
12	$\mathcal{O}(1; \{12, 4^9, 3^9, 2^6\})$	25214976
12	$\mathcal{O}(1; \{12, 4^9, 3^{12}, 2^2\})$	201277440
12	$\mathcal{O}(1; \{12, 4^{11}, 3^3, 2^{11}\})$	1769472
12	$\mathcal{O}(1; \{12, 4^{11}, 3^6, 2^7\})$	12386304
12	$\mathcal{O}(1; \{12, 4^{11}, 3^9, 2^3\})$	100859904
12	$\mathcal{O}(1; \{12, 4^{13}, 3^3, 2^8\})$	7077888
12	$\mathcal{O}(1; \{12, 4^{13}, 3^6, 2^4\})$	49545216
12	$\mathcal{O}(1; \{12, 4^{13}, 3^9\})$	403439616
12	$\mathcal{O}(1; \{12, 4^{15}, 3^3, 2^5\})$	28311552
12	$\mathcal{O}(1; \{12, 4^{15}, 3^6, 2\})$	198180864
12	$\mathcal{O}(1; \{12, 4^{17}, 3^3, 2^2\})$	113246208
12	$\mathcal{O}(1; \{12, 6, 4, 3, 2^{27}\})$	576

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6, 4, 3^4, 2^{23}\})$	6336
12	$\mathcal{O}(1; \{12, 6, 4, 3^7, 2^{19}\})$	48960
12	$\mathcal{O}(1; \{12, 6, 4, 3^{10}, 2^{15}\})$	393408
12	$\mathcal{O}(1; \{12, 6, 4, 3^{13}, 2^{11}\})$	3145536
12	$\mathcal{O}(1; \{12, 6, 4, 3^{16}, 2^7\})$	25166016
12	$\mathcal{O}(1; \{12, 6, 4, 3^{19}, 2^3\})$	201326400
12	$\mathcal{O}(1; \{12, 6, 4^3, 3, 2^{24}\})$	2304
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^4, 2^{20}\})$	25344
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^7, 2^{16}\})$	195840
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^{10}, 2^{12}\})$	1573632
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^{13}, 2^8\})$	12582144
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^{16}, 2^4\})$	100664064
12	$\mathcal{O}(1; \{12, 6, 4^3, 3^{19}\})$	805305600
12	$\mathcal{O}(1; \{12, 6, 4^5, 3, 2^{21}\})$	9216
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^4, 2^{17}\})$	101376
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^7, 2^{13}\})$	783360
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^{10}, 2^9\})$	6294528
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^{13}, 2^5\})$	50328576
12	$\mathcal{O}(1; \{12, 6, 4^5, 3^{16}, 2\})$	402656256
12	$\mathcal{O}(1; \{12, 6, 4^7, 3, 2^{18}\})$	36864
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^4, 2^{14}\})$	405504
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^7, 2^{10}\})$	3133440
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^{10}, 2^6\})$	25178112
12	$\mathcal{O}(1; \{12, 6, 4^7, 3^{13}, 2^2\})$	201314304
12	$\mathcal{O}(1; \{12, 6, 4^9, 3, 2^{15}\})$	147456
12	$\mathcal{O}(1; \{12, 6, 4^9, 3^4, 2^{11}\})$	1622016
12	$\mathcal{O}(1; \{12, 6, 4^9, 3^7, 2^7\})$	12533760
12	$\mathcal{O}(1; \{12, 6, 4^9, 3^{10}, 2^3\})$	100712448
12	$\mathcal{O}(1; \{12, 6, 4^{11}, 3, 2^{12}\})$	589824
12	$\mathcal{O}(1; \{12, 6, 4^{11}, 3^4, 2^8\})$	6488064
12	$\mathcal{O}(1; \{12, 6, 4^{11}, 3^7, 2^4\})$	50135040
12	$\mathcal{O}(1; \{12, 6, 4^{11}, 3^{10}\})$	402849792
12	$\mathcal{O}(1; \{12, 6, 4^{13}, 3, 2^9\})$	2359296
12	$\mathcal{O}(1; \{12, 6, 4^{13}, 3^4, 2^5\})$	25952256
12	$\mathcal{O}(1; \{12, 6, 4^{13}, 3^7, 2\})$	200540160
12	$\mathcal{O}(1; \{12, 6, 4^{15}, 3, 2^6\})$	9437184
12	$\mathcal{O}(1; \{12, 6, 4^{15}, 3^4, 2^2\})$	103809024
12	$\mathcal{O}(1; \{12, 6, 4^{17}, 3, 2^3\})$	37748736
12	$\mathcal{O}(1; \{12, 6, 4^{19}, 3\})$	150994944
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^2, 2^{24}\})$	2880
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^5, 2^{20}\})$	24768
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^8, 2^{16}\})$	196416
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^{11}, 2^{12}\})$	1573056

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^{14}, 2^8\})$	12582720
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^{17}, 2^4\})$	100663488
12	$\mathcal{O}(1; \{12, 6^2, 4, 3^{20}\})$	805306176
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^2, 2^{21}\})$	11520
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^5, 2^{17}\})$	99072
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^8, 2^{13}\})$	785664
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^{11}, 2^9\})$	6292224
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^{14}, 2^5\})$	50330880
12	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^{17}, 2\})$	402653952
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^2, 2^{18}\})$	46080
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^5, 2^{14}\})$	396288
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^8, 2^{10}\})$	3142656
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^{11}, 2^6\})$	25168896
12	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^{14}, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^2, 2^{15}\})$	184320
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^5, 2^{11}\})$	1585152
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^8, 2^7\})$	12570624
12	$\mathcal{O}(1; \{12, 6^2, 4^7, 3^{11}, 2^3\})$	100675584
12	$\mathcal{O}(1; \{12, 6^2, 4^9, 3^2, 2^{12}\})$	737280
12	$\mathcal{O}(1; \{12, 6^2, 4^9, 3^5, 2^8\})$	6340608
12	$\mathcal{O}(1; \{12, 6^2, 4^9, 3^8, 2^4\})$	50282496
12	$\mathcal{O}(1; \{12, 6^2, 4^9, 3^{11}\})$	402702336
12	$\mathcal{O}(1; \{12, 6^2, 4^{11}, 3^2, 2^9\})$	2949120
12	$\mathcal{O}(1; \{12, 6^2, 4^{11}, 3^5, 2^5\})$	25362432
12	$\mathcal{O}(1; \{12, 6^2, 4^{11}, 3^8, 2\})$	201129984
12	$\mathcal{O}(1; \{12, 6^2, 4^{13}, 3^2, 2^6\})$	11796480
12	$\mathcal{O}(1; \{12, 6^2, 4^{13}, 3^5, 2^2\})$	101449728
12	$\mathcal{O}(1; \{12, 6^2, 4^{15}, 3^2, 2^3\})$	47185920
12	$\mathcal{O}(1; \{12, 6^2, 4^{17}, 3^2\})$	188743680
12	$\mathcal{O}(1; \{12, 6^3, 4, 2^{25}\})$	1728
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^3, 2^{21}\})$	12096
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^6, 2^{17}\})$	98496
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^9, 2^{13}\})$	786240
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^{12}, 2^9\})$	6291648
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^{15}, 2^5\})$	50331456
12	$\mathcal{O}(1; \{12, 6^3, 4, 3^{18}, 2\})$	402653376
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 2^{22}\})$	6912
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^3, 2^{18}\})$	48384
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^6, 2^{14}\})$	393984
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^9, 2^{10}\})$	3144960
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^{12}, 2^6\})$	25166592
12	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^{15}, 2^2\})$	201325824
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 2^{19}\})$	27648

Continued on next page

Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^3, 2^{15}\})$	193536
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^6, 2^{11}\})$	1575936
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^9, 2^7\})$	12579840
12	$\mathcal{O}(1; \{12, 6^3, 4^5, 3^{12}, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 2^{16}\})$	110592
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 3^3, 2^{12}\})$	774144
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 3^6, 2^8\})$	6303744
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 3^9, 2^4\})$	50319360
12	$\mathcal{O}(1; \{12, 6^3, 4^7, 3^{12}\})$	402665472
12	$\mathcal{O}(1; \{12, 6^3, 4^9, 2^{13}\})$	442368
12	$\mathcal{O}(1; \{12, 6^3, 4^9, 3^3, 2^9\})$	3096576
12	$\mathcal{O}(1; \{12, 6^3, 4^9, 3^6, 2^5\})$	25214976
12	$\mathcal{O}(1; \{12, 6^3, 4^9, 3^9, 2\})$	201277440
12	$\mathcal{O}(1; \{12, 6^3, 4^{11}, 2^{10}\})$	1769472
12	$\mathcal{O}(1; \{12, 6^3, 4^{11}, 3^3, 2^6\})$	12386304
12	$\mathcal{O}(1; \{12, 6^3, 4^{11}, 3^6, 2^2\})$	100859904
12	$\mathcal{O}(1; \{12, 6^3, 4^{13}, 2^7\})$	7077888
12	$\mathcal{O}(1; \{12, 6^3, 4^{13}, 3^3, 2^3\})$	49545216
12	$\mathcal{O}(1; \{12, 6^3, 4^{15}, 2^4\})$	28311552
12	$\mathcal{O}(1; \{12, 6^3, 4^{15}, 3^3\})$	198180864
12	$\mathcal{O}(1; \{12, 6^3, 4^{17}, 2\})$	113246208
12	$\mathcal{O}(1; \{12, 6^4, 4, 3, 2^{22}\})$	6336
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^4, 2^{18}\})$	48960
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^7, 2^{14}\})$	393408
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^{10}, 2^{10}\})$	3145536
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^{13}, 2^6\})$	25166016
12	$\mathcal{O}(1; \{12, 6^4, 4, 3^{16}, 2^2\})$	201326400
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3, 2^{19}\})$	25344
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^4, 2^{15}\})$	195840
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^7, 2^{11}\})$	1573632
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^{10}, 2^7\})$	12582144
12	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^{13}, 2^3\})$	100664064
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3, 2^{16}\})$	101376
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3^4, 2^{12}\})$	783360
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3^7, 2^8\})$	6294528
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3^{10}, 2^4\})$	50328576
12	$\mathcal{O}(1; \{12, 6^4, 4^5, 3^{13}\})$	402656256
12	$\mathcal{O}(1; \{12, 6^4, 4^7, 3, 2^{13}\})$	405504
12	$\mathcal{O}(1; \{12, 6^4, 4^7, 3^4, 2^9\})$	3133440
12	$\mathcal{O}(1; \{12, 6^4, 4^7, 3^7, 2^5\})$	25178112
12	$\mathcal{O}(1; \{12, 6^4, 4^7, 3^{10}, 2\})$	201314304
12	$\mathcal{O}(1; \{12, 6^4, 4^9, 3, 2^{10}\})$	1622016
12	$\mathcal{O}(1; \{12, 6^4, 4^9, 3^4, 2^6\})$	12533760

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^4, 4^9, 3^7, 2^2\})$	100712448
12	$\mathcal{O}(1; \{12, 6^4, 4^{11}, 3, 2^7\})$	6488064
12	$\mathcal{O}(1; \{12, 6^4, 4^{11}, 3^4, 2^3\})$	50135040
12	$\mathcal{O}(1; \{12, 6^4, 4^{13}, 3, 2^4\})$	25952256
12	$\mathcal{O}(1; \{12, 6^4, 4^{13}, 3^4\})$	200540160
12	$\mathcal{O}(1; \{12, 6^4, 4^{15}, 3, 2\})$	103809024
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^2, 2^{19}\})$	24768
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^5, 2^{15}\})$	196416
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^8, 2^{11}\})$	1573056
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^{11}, 2^7\})$	12582720
12	$\mathcal{O}(1; \{12, 6^5, 4, 3^{14}, 2^3\})$	100663488
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^2, 2^{16}\})$	99072
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^5, 2^{12}\})$	785664
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^8, 2^8\})$	6292224
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^{11}, 2^4\})$	50330880
12	$\mathcal{O}(1; \{12, 6^5, 4^3, 3^{14}\})$	402653952
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 3^2, 2^{13}\})$	396288
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 3^5, 2^9\})$	3142656
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 3^8, 2^5\})$	25168896
12	$\mathcal{O}(1; \{12, 6^5, 4^5, 3^{11}, 2\})$	201323520
12	$\mathcal{O}(1; \{12, 6^5, 4^7, 3^2, 2^{10}\})$	1585152
12	$\mathcal{O}(1; \{12, 6^5, 4^7, 3^5, 2^6\})$	12570624
12	$\mathcal{O}(1; \{12, 6^5, 4^7, 3^8, 2^2\})$	100675584
12	$\mathcal{O}(1; \{12, 6^5, 4^9, 3^2, 2^7\})$	6340608
12	$\mathcal{O}(1; \{12, 6^5, 4^9, 3^5, 2^3\})$	50282496
12	$\mathcal{O}(1; \{12, 6^5, 4^{11}, 3^2, 2^4\})$	25362432
12	$\mathcal{O}(1; \{12, 6^5, 4^{11}, 3^5\})$	201129984
12	$\mathcal{O}(1; \{12, 6^5, 4^{13}, 3^2, 2\})$	101449728
12	$\mathcal{O}(1; \{12, 6^6, 4, 2^{20}\})$	12096
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^3, 2^{16}\})$	98496
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^6, 2^{12}\})$	786240
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^9, 2^8\})$	6291648
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^{12}, 2^4\})$	50331456
12	$\mathcal{O}(1; \{12, 6^6, 4, 3^{15}\})$	402653376
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 2^{17}\})$	48384
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3^3, 2^{13}\})$	393984
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3^6, 2^9\})$	3144960
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3^9, 2^5\})$	25166592
12	$\mathcal{O}(1; \{12, 6^6, 4^3, 3^{12}, 2\})$	201325824
12	$\mathcal{O}(1; \{12, 6^6, 4^5, 2^{14}\})$	193536
12	$\mathcal{O}(1; \{12, 6^6, 4^5, 3^3, 2^{10}\})$	1575936
12	$\mathcal{O}(1; \{12, 6^6, 4^5, 3^6, 2^6\})$	12579840
12	$\mathcal{O}(1; \{12, 6^6, 4^5, 3^9, 2^2\})$	100666368

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^6, 4^7, 2^{11}\})$	774144
12	$\mathcal{O}(1; \{12, 6^6, 4^7, 3^3, 2^7\})$	6303744
12	$\mathcal{O}(1; \{12, 6^6, 4^7, 3^6, 2^3\})$	50319360
12	$\mathcal{O}(1; \{12, 6^6, 4^9, 2^8\})$	3096576
12	$\mathcal{O}(1; \{12, 6^6, 4^9, 3^3, 2^4\})$	25214976
12	$\mathcal{O}(1; \{12, 6^6, 4^9, 3^6\})$	201277440
12	$\mathcal{O}(1; \{12, 6^6, 4^{11}, 2^5\})$	12386304
12	$\mathcal{O}(1; \{12, 6^6, 4^{11}, 3^3, 2\})$	100859904
12	$\mathcal{O}(1; \{12, 6^6, 4^{13}, 2^2\})$	49545216
12	$\mathcal{O}(1; \{12, 6^7, 4, 3, 2^{17}\})$	48960
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^4, 2^{13}\})$	393408
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^7, 2^9\})$	3145536
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^{10}, 2^5\})$	25166016
12	$\mathcal{O}(1; \{12, 6^7, 4, 3^{13}, 2\})$	201326400
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 3, 2^{14}\})$	195840
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 3^4, 2^{10}\})$	1573632
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 3^7, 2^6\})$	12582144
12	$\mathcal{O}(1; \{12, 6^7, 4^3, 3^{10}, 2^2\})$	100664064
12	$\mathcal{O}(1; \{12, 6^7, 4^5, 3, 2^{11}\})$	783360
12	$\mathcal{O}(1; \{12, 6^7, 4^5, 3^4, 2^7\})$	6294528
12	$\mathcal{O}(1; \{12, 6^7, 4^5, 3^7, 2^3\})$	50328576
12	$\mathcal{O}(1; \{12, 6^7, 4^7, 3, 2^8\})$	3133440
12	$\mathcal{O}(1; \{12, 6^7, 4^7, 3^4, 2^4\})$	25178112
12	$\mathcal{O}(1; \{12, 6^7, 4^7, 3^7\})$	201314304
12	$\mathcal{O}(1; \{12, 6^7, 4^9, 3, 2^5\})$	12533760
12	$\mathcal{O}(1; \{12, 6^7, 4^9, 3^4, 2\})$	100712448
12	$\mathcal{O}(1; \{12, 6^7, 4^{11}, 3, 2^2\})$	50135040
12	$\mathcal{O}(1; \{12, 6^8, 4, 3^2, 2^{14}\})$	196416
12	$\mathcal{O}(1; \{12, 6^8, 4, 3^5, 2^{10}\})$	1573056
12	$\mathcal{O}(1; \{12, 6^8, 4, 3^8, 2^6\})$	12582720
12	$\mathcal{O}(1; \{12, 6^8, 4, 3^{11}, 2^2\})$	100663488
12	$\mathcal{O}(1; \{12, 6^8, 4^3, 3^2, 2^{11}\})$	785664
12	$\mathcal{O}(1; \{12, 6^8, 4^3, 3^5, 2^7\})$	6292224
12	$\mathcal{O}(1; \{12, 6^8, 4^3, 3^8, 2^3\})$	50330880
12	$\mathcal{O}(1; \{12, 6^8, 4^5, 3^2, 2^8\})$	3142656
12	$\mathcal{O}(1; \{12, 6^8, 4^5, 3^5, 2^4\})$	25168896
12	$\mathcal{O}(1; \{12, 6^8, 4^5, 3^8\})$	201323520
12	$\mathcal{O}(1; \{12, 6^8, 4^7, 3^2, 2^5\})$	12570624
12	$\mathcal{O}(1; \{12, 6^8, 4^7, 3^5, 2\})$	100675584
12	$\mathcal{O}(1; \{12, 6^8, 4^9, 3^2, 2^2\})$	50282496
12	$\mathcal{O}(1; \{12, 6^9, 4, 2^{15}\})$	98496
12	$\mathcal{O}(1; \{12, 6^9, 4, 3^3, 2^{11}\})$	786240
12	$\mathcal{O}(1; \{12, 6^9, 4, 3^6, 2^7\})$	6291648

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^9, 4, 3^9, 2^3\})$	50331456
12	$\mathcal{O}(1; \{12, 6^9, 4^3, 2^{12}\})$	393984
12	$\mathcal{O}(1; \{12, 6^9, 4^3, 3^3, 2^8\})$	3144960
12	$\mathcal{O}(1; \{12, 6^9, 4^3, 3^6, 2^4\})$	25166592
12	$\mathcal{O}(1; \{12, 6^9, 4^3, 3^9\})$	201325824
12	$\mathcal{O}(1; \{12, 6^9, 4^5, 2^9\})$	1575936
12	$\mathcal{O}(1; \{12, 6^9, 4^5, 3^3, 2^5\})$	12579840
12	$\mathcal{O}(1; \{12, 6^9, 4^5, 3^6, 2\})$	100666368
12	$\mathcal{O}(1; \{12, 6^9, 4^7, 2^6\})$	6303744
12	$\mathcal{O}(1; \{12, 6^9, 4^7, 3^3, 2^2\})$	50319360
12	$\mathcal{O}(1; \{12, 6^9, 4^9, 2^3\})$	25214976
12	$\mathcal{O}(1; \{12, 6^9, 4^{11}\})$	100859904
12	$\mathcal{O}(1; \{12, 6^{10}, 4, 3, 2^{12}\})$	393408
12	$\mathcal{O}(1; \{12, 6^{10}, 4, 3^4, 2^8\})$	3145536
12	$\mathcal{O}(1; \{12, 6^{10}, 4, 3^7, 2^4\})$	25166016
12	$\mathcal{O}(1; \{12, 6^{10}, 4, 3^{10}\})$	201326400
12	$\mathcal{O}(1; \{12, 6^{10}, 4^3, 3, 2^9\})$	1573632
12	$\mathcal{O}(1; \{12, 6^{10}, 4^3, 3^4, 2^5\})$	12582144
12	$\mathcal{O}(1; \{12, 6^{10}, 4^3, 3^7, 2\})$	100664064
12	$\mathcal{O}(1; \{12, 6^{10}, 4^5, 3, 2^6\})$	6294528
12	$\mathcal{O}(1; \{12, 6^{10}, 4^5, 3^4, 2^2\})$	50328576
12	$\mathcal{O}(1; \{12, 6^{10}, 4^7, 3, 2^3\})$	25178112
12	$\mathcal{O}(1; \{12, 6^{10}, 4^9, 3\})$	100712448
12	$\mathcal{O}(1; \{12, 6^{11}, 4, 3^2, 2^9\})$	1573056
12	$\mathcal{O}(1; \{12, 6^{11}, 4, 3^5, 2^5\})$	12582720
12	$\mathcal{O}(1; \{12, 6^{11}, 4, 3^8, 2\})$	100663488
12	$\mathcal{O}(1; \{12, 6^{11}, 4^3, 3^2, 2^6\})$	6292224
12	$\mathcal{O}(1; \{12, 6^{11}, 4^3, 3^5, 2^2\})$	50330880
12	$\mathcal{O}(1; \{12, 6^{11}, 4^5, 3^2, 2^3\})$	25168896
12	$\mathcal{O}(1; \{12, 6^{11}, 4^7, 3^2\})$	100675584
12	$\mathcal{O}(1; \{12, 6^{12}, 4, 2^{10}\})$	786240
12	$\mathcal{O}(1; \{12, 6^{12}, 4, 3^3, 2^6\})$	6291648
12	$\mathcal{O}(1; \{12, 6^{12}, 4, 3^6, 2^2\})$	50331456
12	$\mathcal{O}(1; \{12, 6^{12}, 4^3, 2^7\})$	3144960
12	$\mathcal{O}(1; \{12, 6^{12}, 4^3, 3^3, 2^3\})$	25166592
12	$\mathcal{O}(1; \{12, 6^{12}, 4^5, 2^4\})$	12579840
12	$\mathcal{O}(1; \{12, 6^{12}, 4^5, 3^3\})$	100666368
12	$\mathcal{O}(1; \{12, 6^{12}, 4^7, 2\})$	50319360
12	$\mathcal{O}(1; \{12, 6^{13}, 4, 3, 2^7\})$	3145536
12	$\mathcal{O}(1; \{12, 6^{13}, 4, 3^4, 2^3\})$	25166016
12	$\mathcal{O}(1; \{12, 6^{13}, 4^3, 3, 2^4\})$	12582144
12	$\mathcal{O}(1; \{12, 6^{13}, 4^3, 3^4\})$	100664064
12	$\mathcal{O}(1; \{12, 6^{13}, 4^5, 3, 2\})$	50328576

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12, 6^{14}, 4, 3^2, 2^4\})$	12582720
12	$\mathcal{O}(1; \{12, 6^{14}, 4, 3^5\})$	100663488
12	$\mathcal{O}(1; \{12, 6^{14}, 4^3, 3^2, 2\})$	50330880
12	$\mathcal{O}(1; \{12, 6^{15}, 4, 2^5\})$	6291648
12	$\mathcal{O}(1; \{12, 6^{15}, 4, 3^3, 2\})$	50331456
12	$\mathcal{O}(1; \{12, 6^{15}, 4^3, 2^2\})$	25166592
12	$\mathcal{O}(1; \{12, 6^{16}, 4, 3, 2^2\})$	25166016
12	$\mathcal{O}(1; \{12, 6^{18}, 4\})$	50331456
12	$\mathcal{O}(1; \{12^2, 3^2, 2^{27}\})$	1728
12	$\mathcal{O}(1; \{12^2, 3^5, 2^{23}\})$	12096
12	$\mathcal{O}(1; \{12^2, 3^8, 2^{19}\})$	98496
12	$\mathcal{O}(1; \{12^2, 3^{11}, 2^{15}\})$	786240
12	$\mathcal{O}(1; \{12^2, 3^{14}, 2^{11}\})$	6291648
12	$\mathcal{O}(1; \{12^2, 3^{17}, 2^7\})$	50331456
12	$\mathcal{O}(1; \{12^2, 3^{20}, 2^3\})$	402653376
12	$\mathcal{O}(1; \{12^2, 4^2, 3^2, 2^{24}\})$	6912
12	$\mathcal{O}(1; \{12^2, 4^2, 3^5, 2^{20}\})$	48384
12	$\mathcal{O}(1; \{12^2, 4^2, 3^8, 2^{16}\})$	393984
12	$\mathcal{O}(1; \{12^2, 4^2, 3^{11}, 2^{12}\})$	3144960
12	$\mathcal{O}(1; \{12^2, 4^2, 3^{14}, 2^8\})$	25166592
12	$\mathcal{O}(1; \{12^2, 4^2, 3^{17}, 2^4\})$	201325824
12	$\mathcal{O}(1; \{12^2, 4^2, 3^{20}\})$	1610613504
12	$\mathcal{O}(1; \{12^2, 4^4, 3^2, 2^{21}\})$	27648
12	$\mathcal{O}(1; \{12^2, 4^4, 3^5, 2^{17}\})$	193536
12	$\mathcal{O}(1; \{12^2, 4^4, 3^8, 2^{13}\})$	1575936
12	$\mathcal{O}(1; \{12^2, 4^4, 3^{11}, 2^9\})$	12579840
12	$\mathcal{O}(1; \{12^2, 4^4, 3^{14}, 2^5\})$	100666368
12	$\mathcal{O}(1; \{12^2, 4^4, 3^{17}, 2\})$	805303296
12	$\mathcal{O}(1; \{12^2, 4^6, 3^2, 2^{18}\})$	110592
12	$\mathcal{O}(1; \{12^2, 4^6, 3^5, 2^{14}\})$	774144
12	$\mathcal{O}(1; \{12^2, 4^6, 3^8, 2^{10}\})$	6303744
12	$\mathcal{O}(1; \{12^2, 4^6, 3^{11}, 2^6\})$	50319360
12	$\mathcal{O}(1; \{12^2, 4^6, 3^{14}, 2^2\})$	402665472
12	$\mathcal{O}(1; \{12^2, 4^8, 3^2, 2^{15}\})$	442368
12	$\mathcal{O}(1; \{12^2, 4^8, 3^5, 2^{11}\})$	3096576
12	$\mathcal{O}(1; \{12^2, 4^8, 3^8, 2^7\})$	25214976
12	$\mathcal{O}(1; \{12^2, 4^8, 3^{11}, 2^3\})$	201277440
12	$\mathcal{O}(1; \{12^2, 4^{10}, 3^2, 2^{12}\})$	1769472
12	$\mathcal{O}(1; \{12^2, 4^{10}, 3^5, 2^8\})$	12386304
12	$\mathcal{O}(1; \{12^2, 4^{10}, 3^8, 2^4\})$	100859904
12	$\mathcal{O}(1; \{12^2, 4^{10}, 3^{11}\})$	805109760
12	$\mathcal{O}(1; \{12^2, 4^{12}, 3^2, 2^9\})$	7077888
12	$\mathcal{O}(1; \{12^2, 4^{12}, 3^5, 2^5\})$	49545216

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 4^{12}, 3^8, 2\})$	403439616
12	$\mathcal{O}(1; \{12^2, 4^{14}, 3^2, 2^6\})$	28311552
12	$\mathcal{O}(1; \{12^2, 4^{14}, 3^5, 2^2\})$	198180864
12	$\mathcal{O}(1; \{12^2, 4^{16}, 3^2, 2^3\})$	113246208
12	$\mathcal{O}(1; \{12^2, 4^{18}, 3^2\})$	452984832
12	$\mathcal{O}(1; \{12^2, 6, 2^{28}\})$	576
12	$\mathcal{O}(1; \{12^2, 6, 3^3, 2^{24}\})$	6336
12	$\mathcal{O}(1; \{12^2, 6, 3^6, 2^{20}\})$	48960
12	$\mathcal{O}(1; \{12^2, 6, 3^9, 2^{16}\})$	393408
12	$\mathcal{O}(1; \{12^2, 6, 3^{12}, 2^{12}\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6, 3^{15}, 2^8\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6, 3^{18}, 2^4\})$	201326400
12	$\mathcal{O}(1; \{12^2, 6, 3^{21}\})$	1610612928
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 2^{25}\})$	2304
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^3, 2^{21}\})$	25344
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^6, 2^{17}\})$	195840
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^9, 2^{13}\})$	1573632
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^{12}, 2^9\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^{15}, 2^5\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^{18}, 2\})$	805305600
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 2^{22}\})$	9216
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^3, 2^{18}\})$	101376
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^6, 2^{14}\})$	783360
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^9, 2^{10}\})$	6294528
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^{12}, 2^6\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^{15}, 2^2\})$	402656256
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 2^{19}\})$	36864
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^3, 2^{15}\})$	405504
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^6, 2^{11}\})$	3133440
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^9, 2^7\})$	25178112
12	$\mathcal{O}(1; \{12^2, 6, 4^6, 3^{12}, 2^3\})$	201314304
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 2^{16}\})$	147456
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 3^3, 2^{12}\})$	1622016
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 3^6, 2^8\})$	12533760
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 3^9, 2^4\})$	100712448
12	$\mathcal{O}(1; \{12^2, 6, 4^8, 3^{12}\})$	805257216
12	$\mathcal{O}(1; \{12^2, 6, 4^{10}, 2^{13}\})$	589824
12	$\mathcal{O}(1; \{12^2, 6, 4^{10}, 3^3, 2^9\})$	6488064
12	$\mathcal{O}(1; \{12^2, 6, 4^{10}, 3^6, 2^5\})$	50135040
12	$\mathcal{O}(1; \{12^2, 6, 4^{10}, 3^9, 2\})$	402849792
12	$\mathcal{O}(1; \{12^2, 6, 4^{12}, 2^{10}\})$	2359296
12	$\mathcal{O}(1; \{12^2, 6, 4^{12}, 3^3, 2^6\})$	25952256
12	$\mathcal{O}(1; \{12^2, 6, 4^{12}, 3^6, 2^2\})$	200540160

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6, 4^{14}, 2^7\})$	9437184
12	$\mathcal{O}(1; \{12^2, 6, 4^{14}, 3^3, 2^3\})$	103809024
12	$\mathcal{O}(1; \{12^2, 6, 4^{16}, 2^4\})$	37748736
12	$\mathcal{O}(1; \{12^2, 6, 4^{16}, 3^3\})$	415236096
12	$\mathcal{O}(1; \{12^2, 6, 4^{18}, 2\})$	150994944
12	$\mathcal{O}(1; \{12^2, 6^2, 3, 2^{25}\})$	2880
12	$\mathcal{O}(1; \{12^2, 6^2, 3^4, 2^{21}\})$	24768
12	$\mathcal{O}(1; \{12^2, 6^2, 3^7, 2^{17}\})$	196416
12	$\mathcal{O}(1; \{12^2, 6^2, 3^{10}, 2^{13}\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^2, 3^{13}, 2^9\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^2, 3^{16}, 2^5\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^2, 3^{19}, 2\})$	805306176
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3, 2^{22}\})$	11520
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^4, 2^{18}\})$	99072
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^7, 2^{14}\})$	785664
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^{10}, 2^{10}\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^{13}, 2^6\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^{16}, 2^2\})$	402653952
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3, 2^{19}\})$	46080
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^4, 2^{15}\})$	396288
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^7, 2^{11}\})$	3142656
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^{10}, 2^7\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^{13}, 2^3\})$	201323520
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3, 2^{16}\})$	184320
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3^4, 2^{12}\})$	1585152
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3^7, 2^8\})$	12570624
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3^{10}, 2^4\})$	100675584
12	$\mathcal{O}(1; \{12^2, 6^2, 4^6, 3^{13}\})$	805294080
12	$\mathcal{O}(1; \{12^2, 6^2, 4^8, 3, 2^{13}\})$	737280
12	$\mathcal{O}(1; \{12^2, 6^2, 4^8, 3^4, 2^9\})$	6340608
12	$\mathcal{O}(1; \{12^2, 6^2, 4^8, 3^7, 2^5\})$	50282496
12	$\mathcal{O}(1; \{12^2, 6^2, 4^8, 3^{10}, 2\})$	402702336
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{10}, 3, 2^{10}\})$	2949120
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{10}, 3^4, 2^6\})$	25362432
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{10}, 3^7, 2^2\})$	201129984
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{12}, 3, 2^7\})$	11796480
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{12}, 3^4, 2^3\})$	101449728
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{14}, 3, 2^4\})$	47185920
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{14}, 3^4\})$	405798912
12	$\mathcal{O}(1; \{12^2, 6^2, 4^{16}, 3, 2\})$	188743680
12	$\mathcal{O}(1; \{12^2, 6^3, 3^2, 2^{22}\})$	12096
12	$\mathcal{O}(1; \{12^2, 6^3, 3^5, 2^{18}\})$	98496
12	$\mathcal{O}(1; \{12^2, 6^3, 3^8, 2^{14}\})$	786240

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^3, 3^{11}, 2^{10}\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^3, 3^{14}, 2^6\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^3, 3^{17}, 2^2\})$	402653376
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^2, 2^{19}\})$	48384
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^5, 2^{15}\})$	393984
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^8, 2^{11}\})$	3144960
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^{11}, 2^7\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^{14}, 2^3\})$	201325824
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^2, 2^{16}\})$	193536
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^5, 2^{12}\})$	1575936
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^8, 2^8\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^{11}, 2^4\})$	100666368
12	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 3^{14}\})$	805303296
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 3^2, 2^{13}\})$	774144
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 3^5, 2^9\})$	6303744
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 3^8, 2^5\})$	50319360
12	$\mathcal{O}(1; \{12^2, 6^3, 4^6, 3^{11}, 2\})$	402665472
12	$\mathcal{O}(1; \{12^2, 6^3, 4^8, 3^2, 2^{10}\})$	3096576
12	$\mathcal{O}(1; \{12^2, 6^3, 4^8, 3^5, 2^6\})$	25214976
12	$\mathcal{O}(1; \{12^2, 6^3, 4^8, 3^8, 2^2\})$	201277440
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{10}, 3^2, 2^7\})$	12386304
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{10}, 3^5, 2^3\})$	100859904
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{12}, 3^2, 2^4\})$	49545216
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{12}, 3^5\})$	403439616
12	$\mathcal{O}(1; \{12^2, 6^3, 4^{14}, 3^2, 2\})$	198180864
12	$\mathcal{O}(1; \{12^2, 6^4, 2^{23}\})$	6336
12	$\mathcal{O}(1; \{12^2, 6^4, 3^3, 2^{19}\})$	48960
12	$\mathcal{O}(1; \{12^2, 6^4, 3^6, 2^{15}\})$	393408
12	$\mathcal{O}(1; \{12^2, 6^4, 3^9, 2^{11}\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^4, 3^{12}, 2^7\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^4, 3^{15}, 2^3\})$	201326400
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 2^{20}\})$	25344
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^3, 2^{16}\})$	195840
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^6, 2^{12}\})$	1573632
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^9, 2^8\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^{12}, 2^4\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3^{15}\})$	805305600
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 2^{17}\})$	101376
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3^3, 2^{13}\})$	783360
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3^6, 2^9\})$	6294528
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3^9, 2^5\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^4, 4^4, 3^{12}, 2\})$	402656256
12	$\mathcal{O}(1; \{12^2, 6^4, 4^6, 2^{14}\})$	405504

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^4, 4^6, 3^3, 2^{10}\})$	3133440
12	$\mathcal{O}(1; \{12^2, 6^4, 4^6, 3^6, 2^6\})$	25178112
12	$\mathcal{O}(1; \{12^2, 6^4, 4^6, 3^9, 2^2\})$	201314304
12	$\mathcal{O}(1; \{12^2, 6^4, 4^8, 2^{11}\})$	1622016
12	$\mathcal{O}(1; \{12^2, 6^4, 4^8, 3^3, 2^7\})$	12533760
12	$\mathcal{O}(1; \{12^2, 6^4, 4^8, 3^6, 2^3\})$	100712448
12	$\mathcal{O}(1; \{12^2, 6^4, 4^{10}, 2^8\})$	6488064
12	$\mathcal{O}(1; \{12^2, 6^4, 4^{10}, 3^3, 2^4\})$	50135040
12	$\mathcal{O}(1; \{12^2, 6^4, 4^{10}, 3^6\})$	402849792
12	$\mathcal{O}(1; \{12^2, 6^4, 4^{12}, 2^5\})$	25952256
12	$\mathcal{O}(1; \{12^2, 6^4, 4^{12}, 3^3, 2\})$	200540160
12	$\mathcal{O}(1; \{12^2, 6^4, 4^{14}, 2^2\})$	103809024
12	$\mathcal{O}(1; \{12^2, 6^5, 3, 2^{20}\})$	24768
12	$\mathcal{O}(1; \{12^2, 6^5, 3^4, 2^{16}\})$	196416
12	$\mathcal{O}(1; \{12^2, 6^5, 3^7, 2^{12}\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^5, 3^{10}, 2^8\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^5, 3^{13}, 2^4\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^5, 3^{16}\})$	805306176
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3, 2^{17}\})$	99072
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^4, 2^{13}\})$	785664
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^7, 2^9\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^{10}, 2^5\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^5, 4^2, 3^{13}, 2\})$	402653952
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 3, 2^{14}\})$	396288
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 3^4, 2^{10}\})$	3142656
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 3^7, 2^6\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6^5, 4^4, 3^{10}, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12^2, 6^5, 4^6, 3, 2^{11}\})$	1585152
12	$\mathcal{O}(1; \{12^2, 6^5, 4^6, 3^4, 2^7\})$	12570624
12	$\mathcal{O}(1; \{12^2, 6^5, 4^6, 3^7, 2^3\})$	100675584
12	$\mathcal{O}(1; \{12^2, 6^5, 4^8, 3, 2^8\})$	6340608
12	$\mathcal{O}(1; \{12^2, 6^5, 4^8, 3^4, 2^4\})$	50282496
12	$\mathcal{O}(1; \{12^2, 6^5, 4^8, 3^7\})$	402702336
12	$\mathcal{O}(1; \{12^2, 6^5, 4^{10}, 3, 2^5\})$	25362432
12	$\mathcal{O}(1; \{12^2, 6^5, 4^{10}, 3^4, 2\})$	201129984
12	$\mathcal{O}(1; \{12^2, 6^5, 4^{12}, 3, 2^2\})$	101449728
12	$\mathcal{O}(1; \{12^2, 6^6, 3^2, 2^{17}\})$	98496
12	$\mathcal{O}(1; \{12^2, 6^6, 3^5, 2^{13}\})$	786240
12	$\mathcal{O}(1; \{12^2, 6^6, 3^8, 2^9\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^6, 3^{11}, 2^5\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^6, 3^{14}, 2\})$	402653376
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3^2, 2^{14}\})$	393984
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3^5, 2^{10}\})$	3144960

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3^8, 2^6\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^6, 4^2, 3^{11}, 2^2\})$	201325824
12	$\mathcal{O}(1; \{12^2, 6^6, 4^4, 3^2, 2^{11}\})$	1575936
12	$\mathcal{O}(1; \{12^2, 6^6, 4^4, 3^5, 2^7\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6^6, 4^4, 3^8, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12^2, 6^6, 4^6, 3^2, 2^8\})$	6303744
12	$\mathcal{O}(1; \{12^2, 6^6, 4^6, 3^5, 2^4\})$	50319360
12	$\mathcal{O}(1; \{12^2, 6^6, 4^6, 3^8\})$	402665472
12	$\mathcal{O}(1; \{12^2, 6^6, 4^8, 3^2, 2^5\})$	25214976
12	$\mathcal{O}(1; \{12^2, 6^6, 4^8, 3^5, 2\})$	201277440
12	$\mathcal{O}(1; \{12^2, 6^6, 4^{10}, 3^2, 2^2\})$	100859904
12	$\mathcal{O}(1; \{12^2, 6^7, 2^{18}\})$	48960
12	$\mathcal{O}(1; \{12^2, 6^7, 3^3, 2^{14}\})$	393408
12	$\mathcal{O}(1; \{12^2, 6^7, 3^6, 2^{10}\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^7, 3^9, 2^6\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^7, 3^{12}, 2^2\})$	201326400
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 2^{15}\})$	195840
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 3^3, 2^{11}\})$	1573632
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 3^6, 2^7\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^7, 4^2, 3^9, 2^3\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6^7, 4^4, 2^{12}\})$	783360
12	$\mathcal{O}(1; \{12^2, 6^7, 4^4, 3^3, 2^8\})$	6294528
12	$\mathcal{O}(1; \{12^2, 6^7, 4^4, 3^6, 2^4\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^7, 4^4, 3^9\})$	402656256
12	$\mathcal{O}(1; \{12^2, 6^7, 4^6, 2^9\})$	3133440
12	$\mathcal{O}(1; \{12^2, 6^7, 4^6, 3^3, 2^5\})$	25178112
12	$\mathcal{O}(1; \{12^2, 6^7, 4^6, 3^6, 2\})$	201314304
12	$\mathcal{O}(1; \{12^2, 6^7, 4^8, 2^6\})$	12533760
12	$\mathcal{O}(1; \{12^2, 6^7, 4^8, 3^3, 2^2\})$	100712448
12	$\mathcal{O}(1; \{12^2, 6^7, 4^{10}, 2^3\})$	50135040
12	$\mathcal{O}(1; \{12^2, 6^7, 4^{12}\})$	200540160
12	$\mathcal{O}(1; \{12^2, 6^8, 3, 2^{15}\})$	196416
12	$\mathcal{O}(1; \{12^2, 6^8, 3^4, 2^{11}\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^8, 3^7, 2^7\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^8, 3^{10}, 2^3\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^8, 4^2, 3, 2^{12}\})$	785664
12	$\mathcal{O}(1; \{12^2, 6^8, 4^2, 3^4, 2^8\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6^8, 4^2, 3^7, 2^4\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^8, 4^2, 3^{10}\})$	402653952
12	$\mathcal{O}(1; \{12^2, 6^8, 4^4, 3, 2^9\})$	3142656
12	$\mathcal{O}(1; \{12^2, 6^8, 4^4, 3^4, 2^5\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6^8, 4^4, 3^7, 2\})$	201323520
12	$\mathcal{O}(1; \{12^2, 6^8, 4^6, 3, 2^6\})$	12570624

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^8, 4^6, 3^4, 2^2\})$	100675584
12	$\mathcal{O}(1; \{12^2, 6^8, 4^8, 3, 2^3\})$	50282496
12	$\mathcal{O}(1; \{12^2, 6^8, 4^{10}, 3\})$	201129984
12	$\mathcal{O}(1; \{12^2, 6^9, 3^2, 2^{12}\})$	786240
12	$\mathcal{O}(1; \{12^2, 6^9, 3^5, 2^8\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^9, 3^8, 2^4\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^9, 3^{11}\})$	402653376
12	$\mathcal{O}(1; \{12^2, 6^9, 4^2, 3^2, 2^9\})$	3144960
12	$\mathcal{O}(1; \{12^2, 6^9, 4^2, 3^5, 2^5\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^9, 4^2, 3^8, 2\})$	201325824
12	$\mathcal{O}(1; \{12^2, 6^9, 4^4, 3^2, 2^6\})$	12579840
12	$\mathcal{O}(1; \{12^2, 6^9, 4^4, 3^5, 2^2\})$	100666368
12	$\mathcal{O}(1; \{12^2, 6^9, 4^6, 3^2, 2^3\})$	50319360
12	$\mathcal{O}(1; \{12^2, 6^9, 4^8, 3^2\})$	201277440
12	$\mathcal{O}(1; \{12^2, 6^{10}, 2^{13}\})$	393408
12	$\mathcal{O}(1; \{12^2, 6^{10}, 3^3, 2^9\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^{10}, 3^6, 2^5\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^{10}, 3^9, 2\})$	201326400
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^2, 2^{10}\})$	1573632
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^2, 3^3, 2^6\})$	12582144
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^2, 3^6, 2^2\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^4, 2^7\})$	6294528
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^4, 3^3, 2^3\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^6, 2^4\})$	25178112
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^6, 3^3\})$	201314304
12	$\mathcal{O}(1; \{12^2, 6^{10}, 4^8, 2\})$	100712448
12	$\mathcal{O}(1; \{12^2, 6^{11}, 3, 2^{10}\})$	1573056
12	$\mathcal{O}(1; \{12^2, 6^{11}, 3^4, 2^6\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^{11}, 3^7, 2^2\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^2, 3, 2^7\})$	6292224
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^2, 3^4, 2^3\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^4, 3, 2^4\})$	25168896
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^4, 3^4\})$	201323520
12	$\mathcal{O}(1; \{12^2, 6^{11}, 4^6, 3, 2\})$	100675584
12	$\mathcal{O}(1; \{12^2, 6^{12}, 3^2, 2^7\})$	6291648
12	$\mathcal{O}(1; \{12^2, 6^{12}, 3^5, 2^3\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^{12}, 4^2, 3^2, 2^4\})$	25166592
12	$\mathcal{O}(1; \{12^2, 6^{12}, 4^2, 3^5\})$	201325824
12	$\mathcal{O}(1; \{12^2, 6^{12}, 4^4, 3^2, 2\})$	100666368
12	$\mathcal{O}(1; \{12^2, 6^{13}, 2^8\})$	3145536
12	$\mathcal{O}(1; \{12^2, 6^{13}, 3^3, 2^4\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^{13}, 3^6\})$	201326400
12	$\mathcal{O}(1; \{12^2, 6^{13}, 4^2, 2^5\})$	12582144

Continued on next page

Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^2, 6^{13}, 4^2, 3^3, 2\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6^{13}, 4^4, 2^2\})$	50328576
12	$\mathcal{O}(1; \{12^2, 6^{14}, 3, 2^5\})$	12582720
12	$\mathcal{O}(1; \{12^2, 6^{14}, 3^4, 2\})$	100663488
12	$\mathcal{O}(1; \{12^2, 6^{14}, 4^2, 3, 2^2\})$	50330880
12	$\mathcal{O}(1; \{12^2, 6^{15}, 3^2, 2^2\})$	50331456
12	$\mathcal{O}(1; \{12^2, 6^{16}, 2^3\})$	25166016
12	$\mathcal{O}(1; \{12^2, 6^{16}, 4^2\})$	100664064
12	$\mathcal{O}(1; \{12^2, 6^{17}, 3\})$	100663488
12	$\mathcal{O}(1; \{12^3, 4, 3, 2^{25}\})$	6912
12	$\mathcal{O}(1; \{12^3, 4, 3^4, 2^{21}\})$	48384
12	$\mathcal{O}(1; \{12^3, 4, 3^7, 2^{17}\})$	393984
12	$\mathcal{O}(1; \{12^3, 4, 3^{10}, 2^{13}\})$	3144960
12	$\mathcal{O}(1; \{12^3, 4, 3^{13}, 2^9\})$	25166592
12	$\mathcal{O}(1; \{12^3, 4, 3^{16}, 2^5\})$	201325824
12	$\mathcal{O}(1; \{12^3, 4, 3^{19}, 2\})$	1610613504
12	$\mathcal{O}(1; \{12^3, 4^3, 3, 2^{22}\})$	27648
12	$\mathcal{O}(1; \{12^3, 4^3, 3^4, 2^{18}\})$	193536
12	$\mathcal{O}(1; \{12^3, 4^3, 3^7, 2^{14}\})$	1575936
12	$\mathcal{O}(1; \{12^3, 4^3, 3^{10}, 2^{10}\})$	12579840
12	$\mathcal{O}(1; \{12^3, 4^3, 3^{13}, 2^6\})$	100666368
12	$\mathcal{O}(1; \{12^3, 4^3, 3^{16}, 2^2\})$	805303296
12	$\mathcal{O}(1; \{12^3, 4^5, 3, 2^{19}\})$	110592
12	$\mathcal{O}(1; \{12^3, 4^5, 3^4, 2^{15}\})$	774144
12	$\mathcal{O}(1; \{12^3, 4^5, 3^7, 2^{11}\})$	6303744
12	$\mathcal{O}(1; \{12^3, 4^5, 3^{10}, 2^7\})$	50319360
12	$\mathcal{O}(1; \{12^3, 4^5, 3^{13}, 2^3\})$	402665472
12	$\mathcal{O}(1; \{12^3, 4^7, 3, 2^{16}\})$	442368
12	$\mathcal{O}(1; \{12^3, 4^7, 3^4, 2^{12}\})$	3096576
12	$\mathcal{O}(1; \{12^3, 4^7, 3^7, 2^8\})$	25214976
12	$\mathcal{O}(1; \{12^3, 4^7, 3^{10}, 2^4\})$	201277440
12	$\mathcal{O}(1; \{12^3, 4^7, 3^{13}\})$	1610661888
12	$\mathcal{O}(1; \{12^3, 4^9, 3, 2^{13}\})$	1769472
12	$\mathcal{O}(1; \{12^3, 4^9, 3^4, 2^9\})$	12386304
12	$\mathcal{O}(1; \{12^3, 4^9, 3^7, 2^5\})$	100859904
12	$\mathcal{O}(1; \{12^3, 4^9, 3^{10}, 2\})$	805109760
12	$\mathcal{O}(1; \{12^3, 4^{11}, 3, 2^{10}\})$	7077888
12	$\mathcal{O}(1; \{12^3, 4^{11}, 3^4, 2^6\})$	49545216
12	$\mathcal{O}(1; \{12^3, 4^{11}, 3^7, 2^2\})$	403439616
12	$\mathcal{O}(1; \{12^3, 4^{13}, 3, 2^7\})$	28311552
12	$\mathcal{O}(1; \{12^3, 4^{13}, 3^4, 2^3\})$	198180864
12	$\mathcal{O}(1; \{12^3, 4^{15}, 3, 2^4\})$	113246208
12	$\mathcal{O}(1; \{12^3, 4^{15}, 3^4\})$	792723456

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 4^{17}, 3, 2\})$	452984832
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^2, 2^{22}\})$	25344
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^5, 2^{18}\})$	195840
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^8, 2^{14}\})$	1573632
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^{11}, 2^{10}\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^{14}, 2^6\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6, 4, 3^{17}, 2^2\})$	805305600
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^2, 2^{19}\})$	101376
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^5, 2^{15}\})$	783360
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^8, 2^{11}\})$	6294528
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^{11}, 2^7\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^{14}, 2^3\})$	402656256
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^2, 2^{16}\})$	405504
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^5, 2^{12}\})$	3133440
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^8, 2^8\})$	25178112
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^{11}, 2^4\})$	201314304
12	$\mathcal{O}(1; \{12^3, 6, 4^5, 3^{14}\})$	1610625024
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 3^2, 2^{13}\})$	1622016
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 3^5, 2^9\})$	12533760
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 3^8, 2^5\})$	100712448
12	$\mathcal{O}(1; \{12^3, 6, 4^7, 3^{11}, 2\})$	805257216
12	$\mathcal{O}(1; \{12^3, 6, 4^9, 3^2, 2^{10}\})$	6488064
12	$\mathcal{O}(1; \{12^3, 6, 4^9, 3^5, 2^6\})$	50135040
12	$\mathcal{O}(1; \{12^3, 6, 4^9, 3^8, 2^2\})$	402849792
12	$\mathcal{O}(1; \{12^3, 6, 4^{11}, 3^2, 2^7\})$	25952256
12	$\mathcal{O}(1; \{12^3, 6, 4^{11}, 3^5, 2^3\})$	200540160
12	$\mathcal{O}(1; \{12^3, 6, 4^{13}, 3^2, 2^4\})$	103809024
12	$\mathcal{O}(1; \{12^3, 6, 4^{13}, 3^5\})$	802160640
12	$\mathcal{O}(1; \{12^3, 6, 4^{15}, 3^2, 2\})$	415236096
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 2^{23}\})$	11520
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^3, 2^{19}\})$	99072
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^6, 2^{15}\})$	785664
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^9, 2^{11}\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^{12}, 2^7\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^{15}, 2^3\})$	402653952
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 2^{20}\})$	46080
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^3, 2^{16}\})$	396288
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^6, 2^{12}\})$	3142656
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^9, 2^8\})$	25168896
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^{12}, 2^4\})$	201323520
12	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3^{15}\})$	1610615808
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 2^{17}\})$	184320
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3^3, 2^{13}\})$	1585152

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3^6, 2^9\})$	12570624
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3^9, 2^5\})$	100675584
12	$\mathcal{O}(1; \{12^3, 6^2, 4^5, 3^{12}, 2\})$	805294080
12	$\mathcal{O}(1; \{12^3, 6^2, 4^7, 2^{14}\})$	737280
12	$\mathcal{O}(1; \{12^3, 6^2, 4^7, 3^3, 2^{10}\})$	6340608
12	$\mathcal{O}(1; \{12^3, 6^2, 4^7, 3^6, 2^6\})$	50282496
12	$\mathcal{O}(1; \{12^3, 6^2, 4^7, 3^9, 2^2\})$	402702336
12	$\mathcal{O}(1; \{12^3, 6^2, 4^9, 2^{11}\})$	2949120
12	$\mathcal{O}(1; \{12^3, 6^2, 4^9, 3^3, 2^7\})$	25362432
12	$\mathcal{O}(1; \{12^3, 6^2, 4^9, 3^6, 2^3\})$	201129984
12	$\mathcal{O}(1; \{12^3, 6^2, 4^{11}, 2^8\})$	11796480
12	$\mathcal{O}(1; \{12^3, 6^2, 4^{11}, 3^3, 2^4\})$	101449728
12	$\mathcal{O}(1; \{12^3, 6^2, 4^{11}, 3^6\})$	804519936
12	$\mathcal{O}(1; \{12^3, 6^2, 4^{13}, 2^5\})$	47185920
12	$\mathcal{O}(1; \{12^3, 6^2, 4^{13}, 3^3, 2\})$	405798912
12	$\mathcal{O}(1; \{12^3, 6^2, 4^{15}, 2^2\})$	188743680
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3, 2^{20}\})$	48384
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^4, 2^{16}\})$	393984
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^7, 2^{12}\})$	3144960
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^{10}, 2^8\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^{13}, 2^4\})$	201325824
12	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^{16}\})$	1610613504
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3, 2^{17}\})$	193536
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^4, 2^{13}\})$	1575936
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^7, 2^9\})$	12579840
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^{10}, 2^5\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^3, 4^3, 3^{13}, 2\})$	805303296
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 3, 2^{14}\})$	774144
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 3^4, 2^{10}\})$	6303744
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 3^7, 2^6\})$	50319360
12	$\mathcal{O}(1; \{12^3, 6^3, 4^5, 3^{10}, 2^2\})$	402665472
12	$\mathcal{O}(1; \{12^3, 6^3, 4^7, 3, 2^{11}\})$	3096576
12	$\mathcal{O}(1; \{12^3, 6^3, 4^7, 3^4, 2^7\})$	25214976
12	$\mathcal{O}(1; \{12^3, 6^3, 4^7, 3^7, 2^3\})$	201277440
12	$\mathcal{O}(1; \{12^3, 6^3, 4^9, 3, 2^8\})$	12386304
12	$\mathcal{O}(1; \{12^3, 6^3, 4^9, 3^4, 2^4\})$	100859904
12	$\mathcal{O}(1; \{12^3, 6^3, 4^9, 3^7\})$	805109760
12	$\mathcal{O}(1; \{12^3, 6^3, 4^{11}, 3, 2^5\})$	49545216
12	$\mathcal{O}(1; \{12^3, 6^3, 4^{11}, 3^4, 2\})$	403439616
12	$\mathcal{O}(1; \{12^3, 6^3, 4^{13}, 3, 2^2\})$	198180864
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^2, 2^{17}\})$	195840
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^5, 2^{13}\})$	1573632
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^8, 2^9\})$	12582144

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^{11}, 2^5\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^4, 4, 3^{14}, 2\})$	805305600
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3^2, 2^{14}\})$	783360
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3^5, 2^{10}\})$	6294528
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3^8, 2^6\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6^4, 4^3, 3^{11}, 2^2\})$	402656256
12	$\mathcal{O}(1; \{12^3, 6^4, 4^5, 3^2, 2^{11}\})$	3133440
12	$\mathcal{O}(1; \{12^3, 6^4, 4^5, 3^5, 2^7\})$	25178112
12	$\mathcal{O}(1; \{12^3, 6^4, 4^5, 3^8, 2^3\})$	201314304
12	$\mathcal{O}(1; \{12^3, 6^4, 4^7, 3^2, 2^8\})$	12533760
12	$\mathcal{O}(1; \{12^3, 6^4, 4^7, 3^5, 2^4\})$	100712448
12	$\mathcal{O}(1; \{12^3, 6^4, 4^7, 3^8\})$	805257216
12	$\mathcal{O}(1; \{12^3, 6^4, 4^9, 3^2, 2^5\})$	50135040
12	$\mathcal{O}(1; \{12^3, 6^4, 4^9, 3^5, 2\})$	402849792
12	$\mathcal{O}(1; \{12^3, 6^4, 4^{11}, 3^2, 2^2\})$	200540160
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 2^{18}\})$	99072
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^3, 2^{14}\})$	785664
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^6, 2^{10}\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^9, 2^6\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^5, 4, 3^{12}, 2^2\})$	402653952
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 2^{15}\})$	396288
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 3^3, 2^{11}\})$	3142656
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 3^6, 2^7\})$	25168896
12	$\mathcal{O}(1; \{12^3, 6^5, 4^3, 3^9, 2^3\})$	201323520
12	$\mathcal{O}(1; \{12^3, 6^5, 4^5, 2^{12}\})$	1585152
12	$\mathcal{O}(1; \{12^3, 6^5, 4^5, 3^3, 2^8\})$	12570624
12	$\mathcal{O}(1; \{12^3, 6^5, 4^5, 3^6, 2^4\})$	100675584
12	$\mathcal{O}(1; \{12^3, 6^5, 4^5, 3^9\})$	805294080
12	$\mathcal{O}(1; \{12^3, 6^5, 4^7, 2^9\})$	6340608
12	$\mathcal{O}(1; \{12^3, 6^5, 4^7, 3^3, 2^5\})$	50282496
12	$\mathcal{O}(1; \{12^3, 6^5, 4^7, 3^6, 2\})$	402702336
12	$\mathcal{O}(1; \{12^3, 6^5, 4^9, 2^6\})$	25362432
12	$\mathcal{O}(1; \{12^3, 6^5, 4^9, 3^3, 2^2\})$	201129984
12	$\mathcal{O}(1; \{12^3, 6^5, 4^{11}, 2^3\})$	101449728
12	$\mathcal{O}(1; \{12^3, 6^5, 4^{13}\})$	405798912
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3, 2^{15}\})$	393984
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3^4, 2^{11}\})$	3144960
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3^7, 2^7\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^6, 4, 3^{10}, 2^3\})$	201325824
12	$\mathcal{O}(1; \{12^3, 6^6, 4^3, 3, 2^{12}\})$	1575936
12	$\mathcal{O}(1; \{12^3, 6^6, 4^3, 3^4, 2^8\})$	12579840
12	$\mathcal{O}(1; \{12^3, 6^6, 4^3, 3^7, 2^4\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^6, 4^3, 3^{10}\})$	805303296

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 6^6, 4^5, 3, 2^9\})$	6303744
12	$\mathcal{O}(1; \{12^3, 6^6, 4^5, 3^4, 2^5\})$	50319360
12	$\mathcal{O}(1; \{12^3, 6^6, 4^5, 3^7, 2\})$	402665472
12	$\mathcal{O}(1; \{12^3, 6^6, 4^7, 3, 2^6\})$	25214976
12	$\mathcal{O}(1; \{12^3, 6^6, 4^7, 3^4, 2^2\})$	201277440
12	$\mathcal{O}(1; \{12^3, 6^6, 4^9, 3, 2^3\})$	100859904
12	$\mathcal{O}(1; \{12^3, 6^6, 4^{11}, 3\})$	403439616
12	$\mathcal{O}(1; \{12^3, 6^7, 4, 3^2, 2^{12}\})$	1573632
12	$\mathcal{O}(1; \{12^3, 6^7, 4, 3^5, 2^8\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6^7, 4, 3^8, 2^4\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^7, 4, 3^{11}\})$	805305600
12	$\mathcal{O}(1; \{12^3, 6^7, 4^3, 3^2, 2^9\})$	6294528
12	$\mathcal{O}(1; \{12^3, 6^7, 4^3, 3^5, 2^5\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6^7, 4^3, 3^8, 2\})$	402656256
12	$\mathcal{O}(1; \{12^3, 6^7, 4^5, 3^2, 2^6\})$	25178112
12	$\mathcal{O}(1; \{12^3, 6^7, 4^5, 3^5, 2^2\})$	201314304
12	$\mathcal{O}(1; \{12^3, 6^7, 4^7, 3^2, 2^3\})$	100712448
12	$\mathcal{O}(1; \{12^3, 6^7, 4^9, 3^2\})$	402849792
12	$\mathcal{O}(1; \{12^3, 6^8, 4, 2^{13}\})$	785664
12	$\mathcal{O}(1; \{12^3, 6^8, 4, 3^3, 2^9\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6^8, 4, 3^6, 2^5\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^8, 4, 3^9, 2\})$	402653952
12	$\mathcal{O}(1; \{12^3, 6^8, 4^3, 2^{10}\})$	3142656
12	$\mathcal{O}(1; \{12^3, 6^8, 4^3, 3^3, 2^6\})$	25168896
12	$\mathcal{O}(1; \{12^3, 6^8, 4^3, 3^6, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12^3, 6^8, 4^5, 2^7\})$	12570624
12	$\mathcal{O}(1; \{12^3, 6^8, 4^5, 3^3, 2^3\})$	100675584
12	$\mathcal{O}(1; \{12^3, 6^8, 4^7, 2^4\})$	50282496
12	$\mathcal{O}(1; \{12^3, 6^8, 4^7, 3^3\})$	402702336
12	$\mathcal{O}(1; \{12^3, 6^8, 4^9, 2\})$	201129984
12	$\mathcal{O}(1; \{12^3, 6^9, 4, 3, 2^{10}\})$	3144960
12	$\mathcal{O}(1; \{12^3, 6^9, 4, 3^4, 2^6\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^9, 4, 3^7, 2^2\})$	201325824
12	$\mathcal{O}(1; \{12^3, 6^9, 4^3, 3, 2^7\})$	12579840
12	$\mathcal{O}(1; \{12^3, 6^9, 4^3, 3^4, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^9, 4^5, 3, 2^4\})$	50319360
12	$\mathcal{O}(1; \{12^3, 6^9, 4^5, 3^4\})$	402665472
12	$\mathcal{O}(1; \{12^3, 6^9, 4^7, 3, 2\})$	201277440
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4, 3^2, 2^7\})$	12582144
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4, 3^5, 2^3\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4^3, 3^2, 2^4\})$	50328576
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4^3, 3^5\})$	402656256
12	$\mathcal{O}(1; \{12^3, 6^{10}, 4^5, 3^2, 2\})$	201314304

Continued on next page

Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^3, 6^{11}, 4, 2^8\})$	6292224
12	$\mathcal{O}(1; \{12^3, 6^{11}, 4, 3^3, 2^4\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^{11}, 4, 3^6\})$	402653952
12	$\mathcal{O}(1; \{12^3, 6^{11}, 4^3, 2^5\})$	25168896
12	$\mathcal{O}(1; \{12^3, 6^{11}, 4^3, 3^3, 2\})$	201323520
12	$\mathcal{O}(1; \{12^3, 6^{11}, 4^5, 2^2\})$	100675584
12	$\mathcal{O}(1; \{12^3, 6^{12}, 4, 3, 2^5\})$	25166592
12	$\mathcal{O}(1; \{12^3, 6^{12}, 4, 3^4, 2\})$	201325824
12	$\mathcal{O}(1; \{12^3, 6^{12}, 4^3, 3, 2^2\})$	100666368
12	$\mathcal{O}(1; \{12^3, 6^{13}, 4, 3^2, 2^2\})$	100664064
12	$\mathcal{O}(1; \{12^3, 6^{14}, 4, 2^3\})$	50330880
12	$\mathcal{O}(1; \{12^3, 6^{14}, 4^3\})$	201323520
12	$\mathcal{O}(1; \{12^3, 6^{15}, 4, 3\})$	201325824
12	$\mathcal{O}(1; \{12^4, 2^{26}\})$	6912
12	$\mathcal{O}(1; \{12^4, 3^3, 2^{22}\})$	48384
12	$\mathcal{O}(1; \{12^4, 3^6, 2^{18}\})$	393984
12	$\mathcal{O}(1; \{12^4, 3^9, 2^{14}\})$	3144960
12	$\mathcal{O}(1; \{12^4, 3^{12}, 2^{10}\})$	25166592
12	$\mathcal{O}(1; \{12^4, 3^{15}, 2^6\})$	201325824
12	$\mathcal{O}(1; \{12^4, 3^{18}, 2^2\})$	1610613504
12	$\mathcal{O}(1; \{12^4, 4^2, 2^{23}\})$	27648
12	$\mathcal{O}(1; \{12^4, 4^2, 3^3, 2^{19}\})$	193536
12	$\mathcal{O}(1; \{12^4, 4^2, 3^6, 2^{15}\})$	1575936
12	$\mathcal{O}(1; \{12^4, 4^2, 3^9, 2^{11}\})$	12579840
12	$\mathcal{O}(1; \{12^4, 4^2, 3^{12}, 2^7\})$	100666368
12	$\mathcal{O}(1; \{12^4, 4^2, 3^{15}, 2^3\})$	805303296
12	$\mathcal{O}(1; \{12^4, 4^4, 2^{20}\})$	110592
12	$\mathcal{O}(1; \{12^4, 4^4, 3^3, 2^{16}\})$	774144
12	$\mathcal{O}(1; \{12^4, 4^4, 3^6, 2^{12}\})$	6303744
12	$\mathcal{O}(1; \{12^4, 4^4, 3^9, 2^8\})$	50319360
12	$\mathcal{O}(1; \{12^4, 4^4, 3^{12}, 2^4\})$	402665472
12	$\mathcal{O}(1; \{12^4, 4^4, 3^{15}\})$	3221213184
12	$\mathcal{O}(1; \{12^4, 4^6, 2^{17}\})$	442368
12	$\mathcal{O}(1; \{12^4, 4^6, 3^3, 2^{13}\})$	3096576
12	$\mathcal{O}(1; \{12^4, 4^6, 3^6, 2^9\})$	25214976
12	$\mathcal{O}(1; \{12^4, 4^6, 3^9, 2^5\})$	201277440
12	$\mathcal{O}(1; \{12^4, 4^6, 3^{12}, 2\})$	1610661888
12	$\mathcal{O}(1; \{12^4, 4^8, 2^{14}\})$	1769472
12	$\mathcal{O}(1; \{12^4, 4^8, 3^3, 2^{10}\})$	12386304
12	$\mathcal{O}(1; \{12^4, 4^8, 3^6, 2^6\})$	100859904
12	$\mathcal{O}(1; \{12^4, 4^8, 3^9, 2^2\})$	805109760
12	$\mathcal{O}(1; \{12^4, 4^{10}, 2^{11}\})$	7077888
12	$\mathcal{O}(1; \{12^4, 4^{10}, 3^3, 2^7\})$	49545216

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 4^{10}, 3^6, 2^3\})$	403439616
12	$\mathcal{O}(1; \{12^4, 4^{12}, 2^8\})$	28311552
12	$\mathcal{O}(1; \{12^4, 4^{12}, 3^3, 2^4\})$	198180864
12	$\mathcal{O}(1; \{12^4, 4^{12}, 3^6\})$	1613758464
12	$\mathcal{O}(1; \{12^4, 4^{14}, 2^5\})$	113246208
12	$\mathcal{O}(1; \{12^4, 4^{14}, 3^3, 2\})$	792723456
12	$\mathcal{O}(1; \{12^4, 4^{16}, 2^2\})$	452984832
12	$\mathcal{O}(1; \{12^4, 6, 3, 2^{23}\})$	25344
12	$\mathcal{O}(1; \{12^4, 6, 3^4, 2^{19}\})$	195840
12	$\mathcal{O}(1; \{12^4, 6, 3^7, 2^{15}\})$	1573632
12	$\mathcal{O}(1; \{12^4, 6, 3^{10}, 2^{11}\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6, 3^{13}, 2^7\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6, 3^{16}, 2^3\})$	805305600
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3, 2^{20}\})$	101376
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^4, 2^{16}\})$	783360
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^7, 2^{12}\})$	6294528
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^{10}, 2^8\})$	50328576
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^{13}, 2^4\})$	402656256
12	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^{16}\})$	3221222400
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3, 2^{17}\})$	405504
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^4, 2^{13}\})$	3133440
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^7, 2^9\})$	25178112
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^{10}, 2^5\})$	201314304
12	$\mathcal{O}(1; \{12^4, 6, 4^4, 3^{13}, 2\})$	1610625024
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 3, 2^{14}\})$	1622016
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 3^4, 2^{10}\})$	12533760
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 3^7, 2^6\})$	100712448
12	$\mathcal{O}(1; \{12^4, 6, 4^6, 3^{10}, 2^2\})$	805257216
12	$\mathcal{O}(1; \{12^4, 6, 4^8, 3, 2^{11}\})$	6488064
12	$\mathcal{O}(1; \{12^4, 6, 4^8, 3^4, 2^7\})$	50135040
12	$\mathcal{O}(1; \{12^4, 6, 4^8, 3^7, 2^3\})$	402849792
12	$\mathcal{O}(1; \{12^4, 6, 4^{10}, 3, 2^8\})$	25952256
12	$\mathcal{O}(1; \{12^4, 6, 4^{10}, 3^4, 2^4\})$	200540160
12	$\mathcal{O}(1; \{12^4, 6, 4^{10}, 3^7\})$	1611399168
12	$\mathcal{O}(1; \{12^4, 6, 4^{12}, 3, 2^5\})$	103809024
12	$\mathcal{O}(1; \{12^4, 6, 4^{12}, 3^4, 2\})$	802160640
12	$\mathcal{O}(1; \{12^4, 6, 4^{14}, 3, 2^2\})$	415236096
12	$\mathcal{O}(1; \{12^4, 6^2, 3^2, 2^{20}\})$	99072
12	$\mathcal{O}(1; \{12^4, 6^2, 3^5, 2^{16}\})$	785664
12	$\mathcal{O}(1; \{12^4, 6^2, 3^8, 2^{12}\})$	6292224
12	$\mathcal{O}(1; \{12^4, 6^2, 3^{11}, 2^8\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^2, 3^{14}, 2^4\})$	402653952
12	$\mathcal{O}(1; \{12^4, 6^2, 3^{17}\})$	3221224704

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^2, 2^{17}\})$	396288
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^5, 2^{13}\})$	3142656
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^8, 2^9\})$	25168896
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^{11}, 2^5\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 3^{14}, 2\})$	1610615808
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3^2, 2^{14}\})$	1585152
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3^5, 2^{10}\})$	12570624
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3^8, 2^6\})$	100675584
12	$\mathcal{O}(1; \{12^4, 6^2, 4^4, 3^{11}, 2^2\})$	805294080
12	$\mathcal{O}(1; \{12^4, 6^2, 4^6, 3^2, 2^{11}\})$	6340608
12	$\mathcal{O}(1; \{12^4, 6^2, 4^6, 3^5, 2^7\})$	50282496
12	$\mathcal{O}(1; \{12^4, 6^2, 4^6, 3^8, 2^3\})$	402702336
12	$\mathcal{O}(1; \{12^4, 6^2, 4^8, 3^2, 2^8\})$	25362432
12	$\mathcal{O}(1; \{12^4, 6^2, 4^8, 3^5, 2^4\})$	201129984
12	$\mathcal{O}(1; \{12^4, 6^2, 4^8, 3^8\})$	1610809344
12	$\mathcal{O}(1; \{12^4, 6^2, 4^{10}, 3^2, 2^5\})$	101449728
12	$\mathcal{O}(1; \{12^4, 6^2, 4^{10}, 3^5, 2\})$	804519936
12	$\mathcal{O}(1; \{12^4, 6^2, 4^{12}, 3^2, 2^2\})$	405798912
12	$\mathcal{O}(1; \{12^4, 6^3, 2^{21}\})$	48384
12	$\mathcal{O}(1; \{12^4, 6^3, 3^3, 2^{17}\})$	393984
12	$\mathcal{O}(1; \{12^4, 6^3, 3^6, 2^{13}\})$	3144960
12	$\mathcal{O}(1; \{12^4, 6^3, 3^9, 2^9\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^3, 3^{12}, 2^5\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6^3, 3^{15}, 2\})$	1610613504
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 2^{18}\})$	193536
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^3, 2^{14}\})$	1575936
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^6, 2^{10}\})$	12579840
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^9, 2^6\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3^{12}, 2^2\})$	805303296
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 2^{15}\})$	774144
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 3^3, 2^{11}\})$	6303744
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 3^6, 2^7\})$	50319360
12	$\mathcal{O}(1; \{12^4, 6^3, 4^4, 3^9, 2^3\})$	402665472
12	$\mathcal{O}(1; \{12^4, 6^3, 4^6, 2^{12}\})$	3096576
12	$\mathcal{O}(1; \{12^4, 6^3, 4^6, 3^3, 2^8\})$	25214976
12	$\mathcal{O}(1; \{12^4, 6^3, 4^6, 3^6, 2^4\})$	201277440
12	$\mathcal{O}(1; \{12^4, 6^3, 4^6, 3^9\})$	1610661888
12	$\mathcal{O}(1; \{12^4, 6^3, 4^8, 2^9\})$	12386304
12	$\mathcal{O}(1; \{12^4, 6^3, 4^8, 3^3, 2^5\})$	100859904
12	$\mathcal{O}(1; \{12^4, 6^3, 4^8, 3^6, 2\})$	805109760
12	$\mathcal{O}(1; \{12^4, 6^3, 4^{10}, 2^6\})$	49545216
12	$\mathcal{O}(1; \{12^4, 6^3, 4^{10}, 3^3, 2^2\})$	403439616
12	$\mathcal{O}(1; \{12^4, 6^3, 4^{12}, 2^3\})$	198180864

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 6^3, 4^{14}\})$	792723456
12	$\mathcal{O}(1; \{12^4, 6^4, 3, 2^{18}\})$	195840
12	$\mathcal{O}(1; \{12^4, 6^4, 3^4, 2^{14}\})$	1573632
12	$\mathcal{O}(1; \{12^4, 6^4, 3^7, 2^{10}\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6^4, 3^{10}, 2^6\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^4, 3^{13}, 2^2\})$	805305600
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3, 2^{15}\})$	783360
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3^4, 2^{11}\})$	6294528
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3^7, 2^7\})$	50328576
12	$\mathcal{O}(1; \{12^4, 6^4, 4^2, 3^{10}, 2^3\})$	402656256
12	$\mathcal{O}(1; \{12^4, 6^4, 4^4, 3, 2^{12}\})$	3133440
12	$\mathcal{O}(1; \{12^4, 6^4, 4^4, 3^4, 2^8\})$	25178112
12	$\mathcal{O}(1; \{12^4, 6^4, 4^4, 3^7, 2^4\})$	201314304
12	$\mathcal{O}(1; \{12^4, 6^4, 4^4, 3^{10}\})$	1610625024
12	$\mathcal{O}(1; \{12^4, 6^4, 4^6, 3, 2^9\})$	12533760
12	$\mathcal{O}(1; \{12^4, 6^4, 4^6, 3^4, 2^5\})$	100712448
12	$\mathcal{O}(1; \{12^4, 6^4, 4^6, 3^7, 2\})$	805257216
12	$\mathcal{O}(1; \{12^4, 6^4, 4^8, 3, 2^6\})$	50135040
12	$\mathcal{O}(1; \{12^4, 6^4, 4^8, 3^4, 2^2\})$	402849792
12	$\mathcal{O}(1; \{12^4, 6^4, 4^{10}, 3, 2^3\})$	200540160
12	$\mathcal{O}(1; \{12^4, 6^4, 4^{12}, 3\})$	802160640
12	$\mathcal{O}(1; \{12^4, 6^5, 3^2, 2^{15}\})$	785664
12	$\mathcal{O}(1; \{12^4, 6^5, 3^5, 2^{11}\})$	6292224
12	$\mathcal{O}(1; \{12^4, 6^5, 3^8, 2^7\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^5, 3^{11}, 2^3\})$	402653952
12	$\mathcal{O}(1; \{12^4, 6^5, 4^2, 3^2, 2^{12}\})$	3142656
12	$\mathcal{O}(1; \{12^4, 6^5, 4^2, 3^5, 2^8\})$	25168896
12	$\mathcal{O}(1; \{12^4, 6^5, 4^2, 3^8, 2^4\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6^5, 4^2, 3^{11}\})$	1610615808
12	$\mathcal{O}(1; \{12^4, 6^5, 4^4, 3^2, 2^9\})$	12570624
12	$\mathcal{O}(1; \{12^4, 6^5, 4^4, 3^5, 2^5\})$	100675584
12	$\mathcal{O}(1; \{12^4, 6^5, 4^4, 3^8, 2\})$	805294080
12	$\mathcal{O}(1; \{12^4, 6^5, 4^6, 3^2, 2^6\})$	50282496
12	$\mathcal{O}(1; \{12^4, 6^5, 4^6, 3^5, 2^2\})$	402702336
12	$\mathcal{O}(1; \{12^4, 6^5, 4^8, 3^2, 2^3\})$	201129984
12	$\mathcal{O}(1; \{12^4, 6^5, 4^{10}, 3^2\})$	804519936
12	$\mathcal{O}(1; \{12^4, 6^6, 2^{16}\})$	393984
12	$\mathcal{O}(1; \{12^4, 6^6, 3^3, 2^{12}\})$	3144960
12	$\mathcal{O}(1; \{12^4, 6^6, 3^6, 2^8\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^6, 3^9, 2^4\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6^6, 3^{12}\})$	1610613504
12	$\mathcal{O}(1; \{12^4, 6^6, 4^2, 2^{13}\})$	1575936
12	$\mathcal{O}(1; \{12^4, 6^6, 4^2, 3^3, 2^9\})$	12579840

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 6^6, 4^2, 3^6, 2^5\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^6, 4^2, 3^9, 2\})$	805303296
12	$\mathcal{O}(1; \{12^4, 6^6, 4^4, 2^{10}\})$	6303744
12	$\mathcal{O}(1; \{12^4, 6^6, 4^4, 3^3, 2^6\})$	50319360
12	$\mathcal{O}(1; \{12^4, 6^6, 4^4, 3^6, 2^2\})$	402665472
12	$\mathcal{O}(1; \{12^4, 6^6, 4^6, 2^7\})$	25214976
12	$\mathcal{O}(1; \{12^4, 6^6, 4^6, 3^3, 2^3\})$	201277440
12	$\mathcal{O}(1; \{12^4, 6^6, 4^8, 2^4\})$	100859904
12	$\mathcal{O}(1; \{12^4, 6^6, 4^8, 3^3\})$	805109760
12	$\mathcal{O}(1; \{12^4, 6^6, 4^{10}, 2\})$	403439616
12	$\mathcal{O}(1; \{12^4, 6^7, 3, 2^{13}\})$	1573632
12	$\mathcal{O}(1; \{12^4, 6^7, 3^4, 2^9\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6^7, 3^7, 2^5\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^7, 3^{10}, 2\})$	805305600
12	$\mathcal{O}(1; \{12^4, 6^7, 4^2, 3, 2^{10}\})$	6294528
12	$\mathcal{O}(1; \{12^4, 6^7, 4^2, 3^4, 2^6\})$	50328576
12	$\mathcal{O}(1; \{12^4, 6^7, 4^2, 3^7, 2^2\})$	402656256
12	$\mathcal{O}(1; \{12^4, 6^7, 4^4, 3, 2^7\})$	25178112
12	$\mathcal{O}(1; \{12^4, 6^7, 4^4, 3^4, 2^3\})$	201314304
12	$\mathcal{O}(1; \{12^4, 6^7, 4^6, 3, 2^4\})$	100712448
12	$\mathcal{O}(1; \{12^4, 6^7, 4^6, 3^4\})$	805257216
12	$\mathcal{O}(1; \{12^4, 6^7, 4^8, 3, 2\})$	402849792
12	$\mathcal{O}(1; \{12^4, 6^8, 3^2, 2^{10}\})$	6292224
12	$\mathcal{O}(1; \{12^4, 6^8, 3^5, 2^6\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^8, 3^8, 2^2\})$	402653952
12	$\mathcal{O}(1; \{12^4, 6^8, 4^2, 3^2, 2^7\})$	25168896
12	$\mathcal{O}(1; \{12^4, 6^8, 4^2, 3^5, 2^3\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6^8, 4^4, 3^2, 2^4\})$	100675584
12	$\mathcal{O}(1; \{12^4, 6^8, 4^4, 3^5\})$	805294080
12	$\mathcal{O}(1; \{12^4, 6^8, 4^6, 3^2, 2\})$	402702336
12	$\mathcal{O}(1; \{12^4, 6^9, 2^{11}\})$	3144960
12	$\mathcal{O}(1; \{12^4, 6^9, 3^3, 2^7\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^9, 3^6, 2^3\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6^9, 4^2, 2^8\})$	12579840
12	$\mathcal{O}(1; \{12^4, 6^9, 4^2, 3^3, 2^4\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^9, 4^2, 3^6\})$	805303296
12	$\mathcal{O}(1; \{12^4, 6^9, 4^4, 2^5\})$	50319360
12	$\mathcal{O}(1; \{12^4, 6^9, 4^4, 3^3, 2\})$	402665472
12	$\mathcal{O}(1; \{12^4, 6^9, 4^6, 2^2\})$	201277440
12	$\mathcal{O}(1; \{12^4, 6^{10}, 3, 2^8\})$	12582144
12	$\mathcal{O}(1; \{12^4, 6^{10}, 3^4, 2^4\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^{10}, 3^7\})$	805305600
12	$\mathcal{O}(1; \{12^4, 6^{10}, 4^2, 3, 2^5\})$	50328576

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^4, 6^{10}, 4^2, 3^4, 2\})$	402656256
12	$\mathcal{O}(1; \{12^4, 6^{10}, 4^4, 3, 2^2\})$	201314304
12	$\mathcal{O}(1; \{12^4, 6^{11}, 3^2, 2^5\})$	50330880
12	$\mathcal{O}(1; \{12^4, 6^{11}, 3^5, 2\})$	402653952
12	$\mathcal{O}(1; \{12^4, 6^{11}, 4^2, 3^2, 2^2\})$	201323520
12	$\mathcal{O}(1; \{12^4, 6^{12}, 2^6\})$	25166592
12	$\mathcal{O}(1; \{12^4, 6^{12}, 3^3, 2^2\})$	201325824
12	$\mathcal{O}(1; \{12^4, 6^{12}, 4^2, 2^3\})$	100666368
12	$\mathcal{O}(1; \{12^4, 6^{12}, 4^4\})$	402665472
12	$\mathcal{O}(1; \{12^4, 6^{13}, 3, 2^3\})$	100664064
12	$\mathcal{O}(1; \{12^4, 6^{13}, 4^2, 3\})$	402656256
12	$\mathcal{O}(1; \{12^4, 6^{14}, 3^2\})$	402653952
12	$\mathcal{O}(1; \{12^4, 6^{15}, 2\})$	201325824
12	$\mathcal{O}(1; \{12^5, 4, 3^2, 2^{20}\})$	193536
12	$\mathcal{O}(1; \{12^5, 4, 3^5, 2^{16}\})$	1575936
12	$\mathcal{O}(1; \{12^5, 4, 3^8, 2^{12}\})$	12579840
12	$\mathcal{O}(1; \{12^5, 4, 3^{11}, 2^8\})$	100666368
12	$\mathcal{O}(1; \{12^5, 4, 3^{14}, 2^4\})$	805303296
12	$\mathcal{O}(1; \{12^5, 4, 3^{17}\})$	6442454016
12	$\mathcal{O}(1; \{12^5, 4^3, 3^2, 2^{17}\})$	774144
12	$\mathcal{O}(1; \{12^5, 4^3, 3^5, 2^{13}\})$	6303744
12	$\mathcal{O}(1; \{12^5, 4^3, 3^8, 2^9\})$	50319360
12	$\mathcal{O}(1; \{12^5, 4^3, 3^{11}, 2^5\})$	402665472
12	$\mathcal{O}(1; \{12^5, 4^3, 3^{14}, 2\})$	3221213184
12	$\mathcal{O}(1; \{12^5, 4^5, 3^2, 2^{14}\})$	3096576
12	$\mathcal{O}(1; \{12^5, 4^5, 3^5, 2^{10}\})$	25214976
12	$\mathcal{O}(1; \{12^5, 4^5, 3^8, 2^6\})$	201277440
12	$\mathcal{O}(1; \{12^5, 4^5, 3^{11}, 2^2\})$	1610661888
12	$\mathcal{O}(1; \{12^5, 4^7, 3^2, 2^{11}\})$	12386304
12	$\mathcal{O}(1; \{12^5, 4^7, 3^5, 2^7\})$	100859904
12	$\mathcal{O}(1; \{12^5, 4^7, 3^8, 2^3\})$	805109760
12	$\mathcal{O}(1; \{12^5, 4^9, 3^2, 2^8\})$	49545216
12	$\mathcal{O}(1; \{12^5, 4^9, 3^5, 2^4\})$	403439616
12	$\mathcal{O}(1; \{12^5, 4^9, 3^8\})$	3220439040
12	$\mathcal{O}(1; \{12^5, 4^{11}, 3^2, 2^5\})$	198180864
12	$\mathcal{O}(1; \{12^5, 4^{11}, 3^5, 2\})$	1613758464
12	$\mathcal{O}(1; \{12^5, 4^{13}, 3^2, 2^2\})$	792723456
12	$\mathcal{O}(1; \{12^5, 6, 4, 2^{21}\})$	101376
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^3, 2^{17}\})$	783360
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^6, 2^{13}\})$	6294528
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^9, 2^9\})$	50328576
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^{12}, 2^5\})$	402656256
12	$\mathcal{O}(1; \{12^5, 6, 4, 3^{15}, 2\})$	3221222400

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 2^{18}\})$	405504
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^3, 2^{14}\})$	3133440
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^6, 2^{10}\})$	25178112
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^9, 2^6\})$	201314304
12	$\mathcal{O}(1; \{12^5, 6, 4^3, 3^{12}, 2^2\})$	1610625024
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 2^{15}\})$	1622016
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 3^3, 2^{11}\})$	12533760
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 3^6, 2^7\})$	100712448
12	$\mathcal{O}(1; \{12^5, 6, 4^5, 3^9, 2^3\})$	805257216
12	$\mathcal{O}(1; \{12^5, 6, 4^7, 2^{12}\})$	6488064
12	$\mathcal{O}(1; \{12^5, 6, 4^7, 3^3, 2^8\})$	50135040
12	$\mathcal{O}(1; \{12^5, 6, 4^7, 3^6, 2^4\})$	402849792
12	$\mathcal{O}(1; \{12^5, 6, 4^7, 3^9\})$	3221028864
12	$\mathcal{O}(1; \{12^5, 6, 4^9, 2^9\})$	25952256
12	$\mathcal{O}(1; \{12^5, 6, 4^9, 3^3, 2^5\})$	200540160
12	$\mathcal{O}(1; \{12^5, 6, 4^9, 3^6, 2\})$	1611399168
12	$\mathcal{O}(1; \{12^5, 6, 4^{11}, 2^6\})$	103809024
12	$\mathcal{O}(1; \{12^5, 6, 4^{11}, 3^3, 2^2\})$	802160640
12	$\mathcal{O}(1; \{12^5, 6, 4^{13}, 2^3\})$	415236096
12	$\mathcal{O}(1; \{12^5, 6, 4^{15}\})$	1660944384
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3, 2^{18}\})$	396288
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^4, 2^{14}\})$	3142656
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^7, 2^{10}\})$	25168896
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^{10}, 2^6\})$	201323520
12	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^{13}, 2^2\})$	1610615808
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3, 2^{15}\})$	1585152
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3^4, 2^{11}\})$	12570624
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3^7, 2^7\})$	100675584
12	$\mathcal{O}(1; \{12^5, 6^2, 4^3, 3^{10}, 2^3\})$	805294080
12	$\mathcal{O}(1; \{12^5, 6^2, 4^5, 3, 2^{12}\})$	6340608
12	$\mathcal{O}(1; \{12^5, 6^2, 4^5, 3^4, 2^8\})$	50282496
12	$\mathcal{O}(1; \{12^5, 6^2, 4^5, 3^7, 2^4\})$	402702336
12	$\mathcal{O}(1; \{12^5, 6^2, 4^5, 3^{10}\})$	3221176320
12	$\mathcal{O}(1; \{12^5, 6^2, 4^7, 3, 2^9\})$	25362432
12	$\mathcal{O}(1; \{12^5, 6^2, 4^7, 3^4, 2^5\})$	201129984
12	$\mathcal{O}(1; \{12^5, 6^2, 4^7, 3^7, 2\})$	1610809344
12	$\mathcal{O}(1; \{12^5, 6^2, 4^9, 3, 2^6\})$	101449728
12	$\mathcal{O}(1; \{12^5, 6^2, 4^9, 3^4, 2^2\})$	804519936
12	$\mathcal{O}(1; \{12^5, 6^2, 4^{11}, 3, 2^3\})$	405798912
12	$\mathcal{O}(1; \{12^5, 6^2, 4^{13}, 3\})$	1623195648
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^2, 2^{15}\})$	1575936
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^5, 2^{11}\})$	12579840
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^8, 2^7\})$	100666368

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^5, 6^3, 4, 3^{11}, 2^3\})$	805303296
12	$\mathcal{O}(1; \{12^5, 6^3, 4^3, 3^2, 2^{12}\})$	6303744
12	$\mathcal{O}(1; \{12^5, 6^3, 4^3, 3^5, 2^8\})$	50319360
12	$\mathcal{O}(1; \{12^5, 6^3, 4^3, 3^8, 2^4\})$	402665472
12	$\mathcal{O}(1; \{12^5, 6^3, 4^3, 3^{11}\})$	3221213184
12	$\mathcal{O}(1; \{12^5, 6^3, 4^5, 3^2, 2^9\})$	25214976
12	$\mathcal{O}(1; \{12^5, 6^3, 4^5, 3^5, 2^5\})$	201277440
12	$\mathcal{O}(1; \{12^5, 6^3, 4^5, 3^8, 2\})$	1610661888
12	$\mathcal{O}(1; \{12^5, 6^3, 4^7, 3^2, 2^6\})$	100859904
12	$\mathcal{O}(1; \{12^5, 6^3, 4^7, 3^5, 2^2\})$	805109760
12	$\mathcal{O}(1; \{12^5, 6^3, 4^9, 3^2, 2^3\})$	403439616
12	$\mathcal{O}(1; \{12^5, 6^3, 4^{11}, 3^2\})$	1613758464
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 2^{16}\})$	783360
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 3^3, 2^{12}\})$	6294528
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 3^6, 2^8\})$	50328576
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 3^9, 2^4\})$	402656256
12	$\mathcal{O}(1; \{12^5, 6^4, 4, 3^{12}\})$	3221222400
12	$\mathcal{O}(1; \{12^5, 6^4, 4^3, 2^{13}\})$	3133440
12	$\mathcal{O}(1; \{12^5, 6^4, 4^3, 3^3, 2^9\})$	25178112
12	$\mathcal{O}(1; \{12^5, 6^4, 4^3, 3^6, 2^5\})$	201314304
12	$\mathcal{O}(1; \{12^5, 6^4, 4^3, 3^9, 2\})$	1610625024
12	$\mathcal{O}(1; \{12^5, 6^4, 4^5, 2^{10}\})$	12533760
12	$\mathcal{O}(1; \{12^5, 6^4, 4^5, 3^3, 2^6\})$	100712448
12	$\mathcal{O}(1; \{12^5, 6^4, 4^5, 3^6, 2^2\})$	805257216
12	$\mathcal{O}(1; \{12^5, 6^4, 4^7, 2^7\})$	50135040
12	$\mathcal{O}(1; \{12^5, 6^4, 4^7, 3^3, 2^3\})$	402849792
12	$\mathcal{O}(1; \{12^5, 6^4, 4^9, 2^4\})$	200540160
12	$\mathcal{O}(1; \{12^5, 6^4, 4^9, 3^3\})$	1611399168
12	$\mathcal{O}(1; \{12^5, 6^4, 4^{11}, 2\})$	802160640
12	$\mathcal{O}(1; \{12^5, 6^5, 4, 3, 2^{13}\})$	3142656
12	$\mathcal{O}(1; \{12^5, 6^5, 4, 3^4, 2^9\})$	25168896
12	$\mathcal{O}(1; \{12^5, 6^5, 4, 3^7, 2^5\})$	201323520
12	$\mathcal{O}(1; \{12^5, 6^5, 4, 3^{10}, 2\})$	1610615808
12	$\mathcal{O}(1; \{12^5, 6^5, 4^3, 3, 2^{10}\})$	12570624
12	$\mathcal{O}(1; \{12^5, 6^5, 4^3, 3^4, 2^6\})$	100675584
12	$\mathcal{O}(1; \{12^5, 6^5, 4^3, 3^7, 2^2\})$	805294080
12	$\mathcal{O}(1; \{12^5, 6^5, 4^5, 3, 2^7\})$	50282496
12	$\mathcal{O}(1; \{12^5, 6^5, 4^5, 3^4, 2^3\})$	402702336
12	$\mathcal{O}(1; \{12^5, 6^5, 4^7, 3, 2^4\})$	201129984
12	$\mathcal{O}(1; \{12^5, 6^5, 4^7, 3^4\})$	1610809344
12	$\mathcal{O}(1; \{12^5, 6^5, 4^9, 3, 2\})$	804519936
12	$\mathcal{O}(1; \{12^5, 6^6, 4, 3^2, 2^{10}\})$	12579840
12	$\mathcal{O}(1; \{12^5, 6^6, 4, 3^5, 2^6\})$	100666368

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^5, 6^6, 4, 3^8, 2^2\})$	805303296
12	$\mathcal{O}(1; \{12^5, 6^6, 4^3, 3^2, 2^7\})$	50319360
12	$\mathcal{O}(1; \{12^5, 6^6, 4^3, 3^5, 2^3\})$	402665472
12	$\mathcal{O}(1; \{12^5, 6^6, 4^5, 3^2, 2^4\})$	201277440
12	$\mathcal{O}(1; \{12^5, 6^6, 4^5, 3^5\})$	1610661888
12	$\mathcal{O}(1; \{12^5, 6^6, 4^7, 3^2, 2\})$	805109760
12	$\mathcal{O}(1; \{12^5, 6^7, 4, 2^{11}\})$	6294528
12	$\mathcal{O}(1; \{12^5, 6^7, 4, 3^3, 2^7\})$	50328576
12	$\mathcal{O}(1; \{12^5, 6^7, 4, 3^6, 2^3\})$	402656256
12	$\mathcal{O}(1; \{12^5, 6^7, 4^3, 2^8\})$	25178112
12	$\mathcal{O}(1; \{12^5, 6^7, 4^3, 3^3, 2^4\})$	201314304
12	$\mathcal{O}(1; \{12^5, 6^7, 4^3, 3^6\})$	1610625024
12	$\mathcal{O}(1; \{12^5, 6^7, 4^5, 2^5\})$	100712448
12	$\mathcal{O}(1; \{12^5, 6^7, 4^5, 3^3, 2\})$	805257216
12	$\mathcal{O}(1; \{12^5, 6^7, 4^7, 2^2\})$	402849792
12	$\mathcal{O}(1; \{12^5, 6^8, 4, 3, 2^8\})$	25168896
12	$\mathcal{O}(1; \{12^5, 6^8, 4, 3^4, 2^4\})$	201323520
12	$\mathcal{O}(1; \{12^5, 6^8, 4, 3^7\})$	1610615808
12	$\mathcal{O}(1; \{12^5, 6^8, 4^3, 3, 2^5\})$	100675584
12	$\mathcal{O}(1; \{12^5, 6^8, 4^3, 3^4, 2\})$	805294080
12	$\mathcal{O}(1; \{12^5, 6^8, 4^5, 3, 2^2\})$	402702336
12	$\mathcal{O}(1; \{12^5, 6^9, 4, 3^2, 2^5\})$	100666368
12	$\mathcal{O}(1; \{12^5, 6^9, 4, 3^5, 2\})$	805303296
12	$\mathcal{O}(1; \{12^5, 6^9, 4^3, 3^2, 2^2\})$	402665472
12	$\mathcal{O}(1; \{12^5, 6^{10}, 4, 2^6\})$	50328576
12	$\mathcal{O}(1; \{12^5, 6^{10}, 4, 3^3, 2^2\})$	402656256
12	$\mathcal{O}(1; \{12^5, 6^{10}, 4^3, 2^3\})$	201314304
12	$\mathcal{O}(1; \{12^5, 6^{10}, 4^5\})$	805257216
12	$\mathcal{O}(1; \{12^5, 6^{11}, 4, 3, 2^3\})$	201323520
12	$\mathcal{O}(1; \{12^5, 6^{11}, 4^3, 3\})$	805294080
12	$\mathcal{O}(1; \{12^5, 6^{12}, 4, 3^2\})$	805303296
12	$\mathcal{O}(1; \{12^5, 6^{13}, 4, 2\})$	402656256
12	$\mathcal{O}(1; \{12^6, 3, 2^{21}\})$	193536
12	$\mathcal{O}(1; \{12^6, 3^4, 2^{17}\})$	1575936
12	$\mathcal{O}(1; \{12^6, 3^7, 2^{13}\})$	12579840
12	$\mathcal{O}(1; \{12^6, 3^{10}, 2^9\})$	100666368
12	$\mathcal{O}(1; \{12^6, 3^{13}, 2^5\})$	805303296
12	$\mathcal{O}(1; \{12^6, 3^{16}, 2\})$	6442454016
12	$\mathcal{O}(1; \{12^6, 4^2, 3, 2^{18}\})$	774144
12	$\mathcal{O}(1; \{12^6, 4^2, 3^4, 2^{14}\})$	6303744
12	$\mathcal{O}(1; \{12^6, 4^2, 3^7, 2^{10}\})$	50319360
12	$\mathcal{O}(1; \{12^6, 4^2, 3^{10}, 2^6\})$	402665472
12	$\mathcal{O}(1; \{12^6, 4^2, 3^{13}, 2^2\})$	3221213184

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^6, 4^4, 3, 2^{15}\})$	3096576
12	$\mathcal{O}(1; \{12^6, 4^4, 3^4, 2^{11}\})$	25214976
12	$\mathcal{O}(1; \{12^6, 4^4, 3^7, 2^7\})$	201277440
12	$\mathcal{O}(1; \{12^6, 4^4, 3^{10}, 2^3\})$	1610661888
12	$\mathcal{O}(1; \{12^6, 4^6, 3, 2^{12}\})$	12386304
12	$\mathcal{O}(1; \{12^6, 4^6, 3^4, 2^8\})$	100859904
12	$\mathcal{O}(1; \{12^6, 4^6, 3^7, 2^4\})$	805109760
12	$\mathcal{O}(1; \{12^6, 4^6, 3^{10}\})$	6442647552
12	$\mathcal{O}(1; \{12^6, 4^8, 3, 2^9\})$	49545216
12	$\mathcal{O}(1; \{12^6, 4^8, 3^4, 2^5\})$	403439616
12	$\mathcal{O}(1; \{12^6, 4^8, 3^7, 2\})$	3220439040
12	$\mathcal{O}(1; \{12^6, 4^{10}, 3, 2^6\})$	198180864
12	$\mathcal{O}(1; \{12^6, 4^{10}, 3^4, 2^2\})$	1613758464
12	$\mathcal{O}(1; \{12^6, 4^{12}, 3, 2^3\})$	792723456
12	$\mathcal{O}(1; \{12^6, 4^{14}, 3\})$	3170893824
12	$\mathcal{O}(1; \{12^6, 6, 3^2, 2^{18}\})$	783360
12	$\mathcal{O}(1; \{12^6, 6, 3^5, 2^{14}\})$	6294528
12	$\mathcal{O}(1; \{12^6, 6, 3^8, 2^{10}\})$	50328576
12	$\mathcal{O}(1; \{12^6, 6, 3^{11}, 2^6\})$	402656256
12	$\mathcal{O}(1; \{12^6, 6, 3^{14}, 2^2\})$	3221222400
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^2, 2^{15}\})$	3133440
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^5, 2^{11}\})$	25178112
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^8, 2^7\})$	201314304
12	$\mathcal{O}(1; \{12^6, 6, 4^2, 3^{11}, 2^3\})$	1610625024
12	$\mathcal{O}(1; \{12^6, 6, 4^4, 3^2, 2^{12}\})$	12533760
12	$\mathcal{O}(1; \{12^6, 6, 4^4, 3^5, 2^8\})$	100712448
12	$\mathcal{O}(1; \{12^6, 6, 4^4, 3^8, 2^4\})$	805257216
12	$\mathcal{O}(1; \{12^6, 6, 4^4, 3^{11}\})$	6442500096
12	$\mathcal{O}(1; \{12^6, 6, 4^6, 3^2, 2^9\})$	50135040
12	$\mathcal{O}(1; \{12^6, 6, 4^6, 3^5, 2^5\})$	402849792
12	$\mathcal{O}(1; \{12^6, 6, 4^6, 3^8, 2\})$	3221028864
12	$\mathcal{O}(1; \{12^6, 6, 4^8, 3^2, 2^6\})$	200540160
12	$\mathcal{O}(1; \{12^6, 6, 4^8, 3^5, 2^2\})$	1611399168
12	$\mathcal{O}(1; \{12^6, 6, 4^{10}, 3^2, 2^3\})$	802160640
12	$\mathcal{O}(1; \{12^6, 6, 4^{12}, 3^2\})$	3208642560
12	$\mathcal{O}(1; \{12^6, 6^2, 2^{19}\})$	396288
12	$\mathcal{O}(1; \{12^6, 6^2, 3^3, 2^{15}\})$	3142656
12	$\mathcal{O}(1; \{12^6, 6^2, 3^6, 2^{11}\})$	25168896
12	$\mathcal{O}(1; \{12^6, 6^2, 3^9, 2^7\})$	201323520
12	$\mathcal{O}(1; \{12^6, 6^2, 3^{12}, 2^3\})$	1610615808
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 2^{16}\})$	1585152
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 3^3, 2^{12}\})$	12570624
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 3^6, 2^8\})$	100675584

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 3^9, 2^4\})$	805294080
12	$\mathcal{O}(1; \{12^6, 6^2, 4^2, 3^{12}\})$	6442463232
12	$\mathcal{O}(1; \{12^6, 6^2, 4^4, 2^{13}\})$	6340608
12	$\mathcal{O}(1; \{12^6, 6^2, 4^4, 3^3, 2^9\})$	50282496
12	$\mathcal{O}(1; \{12^6, 6^2, 4^4, 3^6, 2^5\})$	402702336
12	$\mathcal{O}(1; \{12^6, 6^2, 4^4, 3^9, 2\})$	3221176320
12	$\mathcal{O}(1; \{12^6, 6^2, 4^6, 2^{10}\})$	25362432
12	$\mathcal{O}(1; \{12^6, 6^2, 4^6, 3^3, 2^6\})$	201129984
12	$\mathcal{O}(1; \{12^6, 6^2, 4^6, 3^6, 2^2\})$	1610809344
12	$\mathcal{O}(1; \{12^6, 6^2, 4^8, 2^7\})$	101449728
12	$\mathcal{O}(1; \{12^6, 6^2, 4^8, 3^3, 2^3\})$	804519936
12	$\mathcal{O}(1; \{12^6, 6^2, 4^{10}, 2^4\})$	405798912
12	$\mathcal{O}(1; \{12^6, 6^2, 4^{10}, 3^3\})$	3218079744
12	$\mathcal{O}(1; \{12^6, 6^2, 4^{12}, 2\})$	1623195648
12	$\mathcal{O}(1; \{12^6, 6^3, 3, 2^{16}\})$	1575936
12	$\mathcal{O}(1; \{12^6, 6^3, 3^4, 2^{12}\})$	12579840
12	$\mathcal{O}(1; \{12^6, 6^3, 3^7, 2^8\})$	100666368
12	$\mathcal{O}(1; \{12^6, 6^3, 3^{10}, 2^4\})$	805303296
12	$\mathcal{O}(1; \{12^6, 6^3, 3^{13}\})$	6442454016
12	$\mathcal{O}(1; \{12^6, 6^3, 4^2, 3, 2^{13}\})$	6303744
12	$\mathcal{O}(1; \{12^6, 6^3, 4^2, 3^4, 2^9\})$	50319360
12	$\mathcal{O}(1; \{12^6, 6^3, 4^2, 3^7, 2^5\})$	402665472
12	$\mathcal{O}(1; \{12^6, 6^3, 4^2, 3^{10}, 2\})$	3221213184
12	$\mathcal{O}(1; \{12^6, 6^3, 4^4, 3, 2^{10}\})$	25214976
12	$\mathcal{O}(1; \{12^6, 6^3, 4^4, 3^4, 2^6\})$	201277440
12	$\mathcal{O}(1; \{12^6, 6^3, 4^4, 3^7, 2^2\})$	1610661888
12	$\mathcal{O}(1; \{12^6, 6^3, 4^6, 3, 2^7\})$	100859904
12	$\mathcal{O}(1; \{12^6, 6^3, 4^6, 3^4, 2^3\})$	805109760
12	$\mathcal{O}(1; \{12^6, 6^3, 4^8, 3, 2^4\})$	403439616
12	$\mathcal{O}(1; \{12^6, 6^3, 4^8, 3^4\})$	3220439040
12	$\mathcal{O}(1; \{12^6, 6^3, 4^{10}, 3, 2\})$	1613758464
12	$\mathcal{O}(1; \{12^6, 6^4, 3^2, 2^{13}\})$	6294528
12	$\mathcal{O}(1; \{12^6, 6^4, 3^5, 2^9\})$	50328576
12	$\mathcal{O}(1; \{12^6, 6^4, 3^8, 2^5\})$	402656256
12	$\mathcal{O}(1; \{12^6, 6^4, 3^{11}, 2\})$	3221222400
12	$\mathcal{O}(1; \{12^6, 6^4, 4^2, 3^2, 2^{10}\})$	25178112
12	$\mathcal{O}(1; \{12^6, 6^4, 4^2, 3^5, 2^6\})$	201314304
12	$\mathcal{O}(1; \{12^6, 6^4, 4^2, 3^8, 2^2\})$	1610625024
12	$\mathcal{O}(1; \{12^6, 6^4, 4^4, 3^2, 2^7\})$	100712448
12	$\mathcal{O}(1; \{12^6, 6^4, 4^4, 3^5, 2^3\})$	805257216
12	$\mathcal{O}(1; \{12^6, 6^4, 4^6, 3^2, 2^4\})$	402849792
12	$\mathcal{O}(1; \{12^6, 6^4, 4^6, 3^5\})$	3221028864
12	$\mathcal{O}(1; \{12^6, 6^4, 4^8, 3^2, 2\})$	1611399168

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^6, 6^5, 2^{14}\})$	3142656
12	$\mathcal{O}(1; \{12^6, 6^5, 3^3, 2^{10}\})$	25168896
12	$\mathcal{O}(1; \{12^6, 6^5, 3^6, 2^6\})$	201323520
12	$\mathcal{O}(1; \{12^6, 6^5, 3^9, 2^2\})$	1610615808
12	$\mathcal{O}(1; \{12^6, 6^5, 4^2, 2^{11}\})$	12570624
12	$\mathcal{O}(1; \{12^6, 6^5, 4^2, 3^3, 2^7\})$	100675584
12	$\mathcal{O}(1; \{12^6, 6^5, 4^2, 3^6, 2^3\})$	805294080
12	$\mathcal{O}(1; \{12^6, 6^5, 4^4, 2^8\})$	50282496
12	$\mathcal{O}(1; \{12^6, 6^5, 4^4, 3^3, 2^4\})$	402702336
12	$\mathcal{O}(1; \{12^6, 6^5, 4^4, 3^6\})$	3221176320
12	$\mathcal{O}(1; \{12^6, 6^5, 4^6, 2^5\})$	201129984
12	$\mathcal{O}(1; \{12^6, 6^5, 4^6, 3^3, 2\})$	1610809344
12	$\mathcal{O}(1; \{12^6, 6^5, 4^8, 2^2\})$	804519936
12	$\mathcal{O}(1; \{12^6, 6^6, 3, 2^{11}\})$	12579840
12	$\mathcal{O}(1; \{12^6, 6^6, 3^4, 2^7\})$	100666368
12	$\mathcal{O}(1; \{12^6, 6^6, 3^7, 2^3\})$	805303296
12	$\mathcal{O}(1; \{12^6, 6^6, 4^2, 3, 2^8\})$	50319360
12	$\mathcal{O}(1; \{12^6, 6^6, 4^2, 3^4, 2^4\})$	402665472
12	$\mathcal{O}(1; \{12^6, 6^6, 4^2, 3^7\})$	3221213184
12	$\mathcal{O}(1; \{12^6, 6^6, 4^4, 3, 2^5\})$	201277440
12	$\mathcal{O}(1; \{12^6, 6^6, 4^4, 3^4, 2\})$	1610661888
12	$\mathcal{O}(1; \{12^6, 6^6, 4^6, 3, 2^2\})$	805109760
12	$\mathcal{O}(1; \{12^6, 6^7, 3^2, 2^8\})$	50328576
12	$\mathcal{O}(1; \{12^6, 6^7, 3^5, 2^4\})$	402656256
12	$\mathcal{O}(1; \{12^6, 6^7, 3^8\})$	3221222400
12	$\mathcal{O}(1; \{12^6, 6^7, 4^2, 3^2, 2^5\})$	201314304
12	$\mathcal{O}(1; \{12^6, 6^7, 4^2, 3^5, 2\})$	1610625024
12	$\mathcal{O}(1; \{12^6, 6^7, 4^4, 3^2, 2^2\})$	805257216
12	$\mathcal{O}(1; \{12^6, 6^8, 2^9\})$	25168896
12	$\mathcal{O}(1; \{12^6, 6^8, 3^3, 2^5\})$	201323520
12	$\mathcal{O}(1; \{12^6, 6^8, 3^6, 2\})$	1610615808
12	$\mathcal{O}(1; \{12^6, 6^8, 4^2, 2^6\})$	100675584
12	$\mathcal{O}(1; \{12^6, 6^8, 4^2, 3^3, 2^2\})$	805294080
12	$\mathcal{O}(1; \{12^6, 6^8, 4^4, 2^3\})$	402702336
12	$\mathcal{O}(1; \{12^6, 6^8, 4^6\})$	1610809344
12	$\mathcal{O}(1; \{12^6, 6^9, 3, 2^6\})$	100666368
12	$\mathcal{O}(1; \{12^6, 6^9, 3^4, 2^2\})$	805303296
12	$\mathcal{O}(1; \{12^6, 6^9, 4^2, 3, 2^3\})$	402665472
12	$\mathcal{O}(1; \{12^6, 6^9, 4^4, 3\})$	1610661888
12	$\mathcal{O}(1; \{12^6, 6^{10}, 3^2, 2^3\})$	402656256
12	$\mathcal{O}(1; \{12^6, 6^{10}, 4^2, 3^2\})$	1610625024
12	$\mathcal{O}(1; \{12^6, 6^{11}, 2^4\})$	201323520
12	$\mathcal{O}(1; \{12^6, 6^{11}, 3^3\})$	1610615808

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^6, 6^{11}, 4^2, 2\})$	805294080
12	$\mathcal{O}(1; \{12^6, 6^{12}, 3, 2\})$	805303296
12	$\mathcal{O}(1; \{12^7, 4, 2^{19}\})$	774144
12	$\mathcal{O}(1; \{12^7, 4, 3^3, 2^{15}\})$	6303744
12	$\mathcal{O}(1; \{12^7, 4, 3^6, 2^{11}\})$	50319360
12	$\mathcal{O}(1; \{12^7, 4, 3^9, 2^7\})$	402665472
12	$\mathcal{O}(1; \{12^7, 4, 3^{12}, 2^3\})$	3221213184
12	$\mathcal{O}(1; \{12^7, 4^3, 2^{16}\})$	3096576
12	$\mathcal{O}(1; \{12^7, 4^3, 3^3, 2^{12}\})$	25214976
12	$\mathcal{O}(1; \{12^7, 4^3, 3^6, 2^8\})$	201277440
12	$\mathcal{O}(1; \{12^7, 4^3, 3^9, 2^4\})$	1610661888
12	$\mathcal{O}(1; \{12^7, 4^3, 3^{12}\})$	12884852736
12	$\mathcal{O}(1; \{12^7, 4^5, 2^{13}\})$	12386304
12	$\mathcal{O}(1; \{12^7, 4^5, 3^3, 2^9\})$	100859904
12	$\mathcal{O}(1; \{12^7, 4^5, 3^6, 2^5\})$	805109760
12	$\mathcal{O}(1; \{12^7, 4^5, 3^9, 2\})$	6442647552
12	$\mathcal{O}(1; \{12^7, 4^7, 2^{10}\})$	49545216
12	$\mathcal{O}(1; \{12^7, 4^7, 3^3, 2^6\})$	403439616
12	$\mathcal{O}(1; \{12^7, 4^7, 3^6, 2^2\})$	3220439040
12	$\mathcal{O}(1; \{12^7, 4^9, 2^7\})$	198180864
12	$\mathcal{O}(1; \{12^7, 4^9, 3^3, 2^3\})$	1613758464
12	$\mathcal{O}(1; \{12^7, 4^{11}, 2^4\})$	792723456
12	$\mathcal{O}(1; \{12^7, 4^{11}, 3^3\})$	6455033856
12	$\mathcal{O}(1; \{12^7, 4^{13}, 2\})$	3170893824
12	$\mathcal{O}(1; \{12^7, 6, 4, 3, 2^{16}\})$	3133440
12	$\mathcal{O}(1; \{12^7, 6, 4, 3^4, 2^{12}\})$	25178112
12	$\mathcal{O}(1; \{12^7, 6, 4, 3^7, 2^8\})$	201314304
12	$\mathcal{O}(1; \{12^7, 6, 4, 3^{10}, 2^4\})$	1610625024
12	$\mathcal{O}(1; \{12^7, 6, 4, 3^{13}\})$	12884889600
12	$\mathcal{O}(1; \{12^7, 6, 4^3, 3, 2^{13}\})$	12533760
12	$\mathcal{O}(1; \{12^7, 6, 4^3, 3^4, 2^9\})$	100712448
12	$\mathcal{O}(1; \{12^7, 6, 4^3, 3^7, 2^5\})$	805257216
12	$\mathcal{O}(1; \{12^7, 6, 4^3, 3^{10}, 2\})$	6442500096
12	$\mathcal{O}(1; \{12^7, 6, 4^5, 3, 2^{10}\})$	50135040
12	$\mathcal{O}(1; \{12^7, 6, 4^5, 3^4, 2^6\})$	402849792
12	$\mathcal{O}(1; \{12^7, 6, 4^5, 3^7, 2^2\})$	3221028864
12	$\mathcal{O}(1; \{12^7, 6, 4^7, 3, 2^7\})$	200540160
12	$\mathcal{O}(1; \{12^7, 6, 4^7, 3^4, 2^3\})$	1611399168
12	$\mathcal{O}(1; \{12^7, 6, 4^9, 3, 2^4\})$	802160640
12	$\mathcal{O}(1; \{12^7, 6, 4^9, 3^4\})$	6445596672
12	$\mathcal{O}(1; \{12^7, 6, 4^{11}, 3, 2\})$	3208642560
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 3^2, 2^{13}\})$	12570624
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 3^5, 2^9\})$	100675584

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 3^8, 2^5\})$	805294080
12	$\mathcal{O}(1; \{12^7, 6^2, 4, 3^{11}, 2\})$	6442463232
12	$\mathcal{O}(1; \{12^7, 6^2, 4^3, 3^2, 2^{10}\})$	50282496
12	$\mathcal{O}(1; \{12^7, 6^2, 4^3, 3^5, 2^6\})$	402702336
12	$\mathcal{O}(1; \{12^7, 6^2, 4^3, 3^8, 2^2\})$	3221176320
12	$\mathcal{O}(1; \{12^7, 6^2, 4^5, 3^2, 2^7\})$	201129984
12	$\mathcal{O}(1; \{12^7, 6^2, 4^5, 3^5, 2^3\})$	1610809344
12	$\mathcal{O}(1; \{12^7, 6^2, 4^7, 3^2, 2^4\})$	804519936
12	$\mathcal{O}(1; \{12^7, 6^2, 4^7, 3^5\})$	6443237376
12	$\mathcal{O}(1; \{12^7, 6^2, 4^9, 3^2, 2\})$	3218079744
12	$\mathcal{O}(1; \{12^7, 6^3, 4, 2^{14}\})$	6303744
12	$\mathcal{O}(1; \{12^7, 6^3, 4, 3^3, 2^{10}\})$	50319360
12	$\mathcal{O}(1; \{12^7, 6^3, 4, 3^6, 2^6\})$	402665472
12	$\mathcal{O}(1; \{12^7, 6^3, 4, 3^9, 2^2\})$	3221213184
12	$\mathcal{O}(1; \{12^7, 6^3, 4^3, 2^{11}\})$	25214976
12	$\mathcal{O}(1; \{12^7, 6^3, 4^3, 3^3, 2^7\})$	201277440
12	$\mathcal{O}(1; \{12^7, 6^3, 4^3, 3^6, 2^3\})$	1610661888
12	$\mathcal{O}(1; \{12^7, 6^3, 4^5, 2^8\})$	100859904
12	$\mathcal{O}(1; \{12^7, 6^3, 4^5, 3^3, 2^4\})$	805109760
12	$\mathcal{O}(1; \{12^7, 6^3, 4^5, 3^6\})$	6442647552
12	$\mathcal{O}(1; \{12^7, 6^3, 4^7, 2^5\})$	403439616
12	$\mathcal{O}(1; \{12^7, 6^3, 4^7, 3^3, 2\})$	3220439040
12	$\mathcal{O}(1; \{12^7, 6^3, 4^9, 2^2\})$	1613758464
12	$\mathcal{O}(1; \{12^7, 6^4, 4, 3, 2^{11}\})$	25178112
12	$\mathcal{O}(1; \{12^7, 6^4, 4, 3^4, 2^7\})$	201314304
12	$\mathcal{O}(1; \{12^7, 6^4, 4, 3^7, 2^3\})$	1610625024
12	$\mathcal{O}(1; \{12^7, 6^4, 4^3, 3, 2^8\})$	100712448
12	$\mathcal{O}(1; \{12^7, 6^4, 4^3, 3^4, 2^4\})$	805257216
12	$\mathcal{O}(1; \{12^7, 6^4, 4^3, 3^7\})$	6442500096
12	$\mathcal{O}(1; \{12^7, 6^4, 4^5, 3, 2^5\})$	402849792
12	$\mathcal{O}(1; \{12^7, 6^4, 4^5, 3^4, 2\})$	3221028864
12	$\mathcal{O}(1; \{12^7, 6^4, 4^7, 3, 2^2\})$	1611399168
12	$\mathcal{O}(1; \{12^7, 6^5, 4, 3^2, 2^8\})$	100675584
12	$\mathcal{O}(1; \{12^7, 6^5, 4, 3^5, 2^4\})$	805294080
12	$\mathcal{O}(1; \{12^7, 6^5, 4, 3^8\})$	6442463232
12	$\mathcal{O}(1; \{12^7, 6^5, 4^3, 3^2, 2^5\})$	402702336
12	$\mathcal{O}(1; \{12^7, 6^5, 4^3, 3^5, 2\})$	3221176320
12	$\mathcal{O}(1; \{12^7, 6^5, 4^5, 3^2, 2^2\})$	1610809344
12	$\mathcal{O}(1; \{12^7, 6^6, 4, 2^9\})$	50319360
12	$\mathcal{O}(1; \{12^7, 6^6, 4, 3^3, 2^5\})$	402665472
12	$\mathcal{O}(1; \{12^7, 6^6, 4, 3^6, 2\})$	3221213184
12	$\mathcal{O}(1; \{12^7, 6^6, 4^3, 2^6\})$	201277440
12	$\mathcal{O}(1; \{12^7, 6^6, 4^3, 3^3, 2^2\})$	1610661888

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^7, 6^6, 4^5, 2^3\})$	805109760
12	$\mathcal{O}(1; \{12^7, 6^6, 4^7\})$	3220439040
12	$\mathcal{O}(1; \{12^7, 6^7, 4, 3, 2^6\})$	201314304
12	$\mathcal{O}(1; \{12^7, 6^7, 4, 3^4, 2^2\})$	1610625024
12	$\mathcal{O}(1; \{12^7, 6^7, 4^3, 3, 2^3\})$	805257216
12	$\mathcal{O}(1; \{12^7, 6^7, 4^5, 3\})$	3221028864
12	$\mathcal{O}(1; \{12^7, 6^8, 4, 3^2, 2^3\})$	805294080
12	$\mathcal{O}(1; \{12^7, 6^8, 4^3, 3^2\})$	3221176320
12	$\mathcal{O}(1; \{12^7, 6^9, 4, 2^4\})$	402665472
12	$\mathcal{O}(1; \{12^7, 6^9, 4, 3^3\})$	3221213184
12	$\mathcal{O}(1; \{12^7, 6^9, 4^3, 2\})$	1610661888
12	$\mathcal{O}(1; \{12^7, 6^{10}, 4, 3, 2\})$	1610625024
12	$\mathcal{O}(1; \{12^8, 3^2, 2^{16}\})$	6303744
12	$\mathcal{O}(1; \{12^8, 3^5, 2^{12}\})$	50319360
12	$\mathcal{O}(1; \{12^8, 3^8, 2^8\})$	402665472
12	$\mathcal{O}(1; \{12^8, 3^{11}, 2^4\})$	3221213184
12	$\mathcal{O}(1; \{12^8, 3^{14}\})$	25769816064
12	$\mathcal{O}(1; \{12^8, 4^2, 3^2, 2^{13}\})$	25214976
12	$\mathcal{O}(1; \{12^8, 4^2, 3^5, 2^9\})$	201277440
12	$\mathcal{O}(1; \{12^8, 4^2, 3^8, 2^5\})$	1610661888
12	$\mathcal{O}(1; \{12^8, 4^2, 3^{11}, 2\})$	12884852736
12	$\mathcal{O}(1; \{12^8, 4^4, 3^2, 2^{10}\})$	100859904
12	$\mathcal{O}(1; \{12^8, 4^4, 3^5, 2^6\})$	805109760
12	$\mathcal{O}(1; \{12^8, 4^4, 3^8, 2^2\})$	6442647552
12	$\mathcal{O}(1; \{12^8, 4^6, 3^2, 2^7\})$	403439616
12	$\mathcal{O}(1; \{12^8, 4^6, 3^5, 2^3\})$	3220439040
12	$\mathcal{O}(1; \{12^8, 4^8, 3^2, 2^4\})$	1613758464
12	$\mathcal{O}(1; \{12^8, 4^8, 3^5\})$	12881756160
12	$\mathcal{O}(1; \{12^8, 4^{10}, 3^2, 2\})$	6455033856
12	$\mathcal{O}(1; \{12^8, 6, 2^{17}\})$	3133440
12	$\mathcal{O}(1; \{12^8, 6, 3^3, 2^{13}\})$	25178112
12	$\mathcal{O}(1; \{12^8, 6, 3^6, 2^9\})$	201314304
12	$\mathcal{O}(1; \{12^8, 6, 3^9, 2^5\})$	1610625024
12	$\mathcal{O}(1; \{12^8, 6, 3^{12}, 2\})$	12884889600
12	$\mathcal{O}(1; \{12^8, 6, 4^2, 2^{14}\})$	12533760
12	$\mathcal{O}(1; \{12^8, 6, 4^2, 3^3, 2^{10}\})$	100712448
12	$\mathcal{O}(1; \{12^8, 6, 4^2, 3^6, 2^6\})$	805257216
12	$\mathcal{O}(1; \{12^8, 6, 4^2, 3^9, 2^2\})$	6442500096
12	$\mathcal{O}(1; \{12^8, 6, 4^4, 2^{11}\})$	50135040
12	$\mathcal{O}(1; \{12^8, 6, 4^4, 3^3, 2^7\})$	402849792
12	$\mathcal{O}(1; \{12^8, 6, 4^4, 3^6, 2^3\})$	3221028864
12	$\mathcal{O}(1; \{12^8, 6, 4^6, 2^8\})$	200540160
12	$\mathcal{O}(1; \{12^8, 6, 4^6, 3^3, 2^4\})$	1611399168

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^8, 6, 4^6, 3^6\})$	12884115456
12	$\mathcal{O}(1; \{12^8, 6, 4^8, 2^5\})$	802160640
12	$\mathcal{O}(1; \{12^8, 6, 4^8, 3^3, 2\})$	6445596672
12	$\mathcal{O}(1; \{12^8, 6, 4^{10}, 2^2\})$	3208642560
12	$\mathcal{O}(1; \{12^8, 6^2, 3, 2^{14}\})$	12570624
12	$\mathcal{O}(1; \{12^8, 6^2, 3^4, 2^{10}\})$	100675584
12	$\mathcal{O}(1; \{12^8, 6^2, 3^7, 2^6\})$	805294080
12	$\mathcal{O}(1; \{12^8, 6^2, 3^{10}, 2^2\})$	6442463232
12	$\mathcal{O}(1; \{12^8, 6^2, 4^2, 3, 2^{11}\})$	50282496
12	$\mathcal{O}(1; \{12^8, 6^2, 4^2, 3^4, 2^7\})$	402702336
12	$\mathcal{O}(1; \{12^8, 6^2, 4^2, 3^7, 2^3\})$	3221176320
12	$\mathcal{O}(1; \{12^8, 6^2, 4^4, 3, 2^8\})$	201129984
12	$\mathcal{O}(1; \{12^8, 6^2, 4^4, 3^4, 2^4\})$	1610809344
12	$\mathcal{O}(1; \{12^8, 6^2, 4^4, 3^7\})$	12884705280
12	$\mathcal{O}(1; \{12^8, 6^2, 4^6, 3, 2^5\})$	804519936
12	$\mathcal{O}(1; \{12^8, 6^2, 4^6, 3^4, 2\})$	6443237376
12	$\mathcal{O}(1; \{12^8, 6^2, 4^8, 3, 2^2\})$	3218079744
12	$\mathcal{O}(1; \{12^8, 6^3, 3^2, 2^{11}\})$	50319360
12	$\mathcal{O}(1; \{12^8, 6^3, 3^5, 2^7\})$	402665472
12	$\mathcal{O}(1; \{12^8, 6^3, 3^8, 2^3\})$	3221213184
12	$\mathcal{O}(1; \{12^8, 6^3, 4^2, 3^2, 2^8\})$	201277440
12	$\mathcal{O}(1; \{12^8, 6^3, 4^2, 3^5, 2^4\})$	1610661888
12	$\mathcal{O}(1; \{12^8, 6^3, 4^2, 3^8\})$	12884852736
12	$\mathcal{O}(1; \{12^8, 6^3, 4^4, 3^2, 2^5\})$	805109760
12	$\mathcal{O}(1; \{12^8, 6^3, 4^4, 3^5, 2\})$	6442647552
12	$\mathcal{O}(1; \{12^8, 6^3, 4^6, 3^2, 2^2\})$	3220439040
12	$\mathcal{O}(1; \{12^8, 6^4, 2^{12}\})$	25178112
12	$\mathcal{O}(1; \{12^8, 6^4, 3^3, 2^8\})$	201314304
12	$\mathcal{O}(1; \{12^8, 6^4, 3^6, 2^4\})$	1610625024
12	$\mathcal{O}(1; \{12^8, 6^4, 3^9\})$	12884889600
12	$\mathcal{O}(1; \{12^8, 6^4, 4^2, 2^9\})$	100712448
12	$\mathcal{O}(1; \{12^8, 6^4, 4^2, 3^3, 2^5\})$	805257216
12	$\mathcal{O}(1; \{12^8, 6^4, 4^2, 3^6, 2\})$	6442500096
12	$\mathcal{O}(1; \{12^8, 6^4, 4^4, 2^6\})$	402849792
12	$\mathcal{O}(1; \{12^8, 6^4, 4^4, 3^3, 2^2\})$	3221028864
12	$\mathcal{O}(1; \{12^8, 6^4, 4^6, 2^3\})$	1611399168
12	$\mathcal{O}(1; \{12^8, 6^4, 4^8\})$	6445596672
12	$\mathcal{O}(1; \{12^8, 6^5, 3, 2^9\})$	100675584
12	$\mathcal{O}(1; \{12^8, 6^5, 3^4, 2^5\})$	805294080
12	$\mathcal{O}(1; \{12^8, 6^5, 3^7, 2\})$	6442463232
12	$\mathcal{O}(1; \{12^8, 6^5, 4^2, 3, 2^6\})$	402702336
12	$\mathcal{O}(1; \{12^8, 6^5, 4^2, 3^4, 2^2\})$	3221176320
12	$\mathcal{O}(1; \{12^8, 6^5, 4^4, 3, 2^3\})$	1610809344

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^8, 6^5, 4^6, 3\})$	6443237376
12	$\mathcal{O}(1; \{12^8, 6^6, 3^2, 2^6\})$	402665472
12	$\mathcal{O}(1; \{12^8, 6^6, 3^5, 2^2\})$	3221213184
12	$\mathcal{O}(1; \{12^8, 6^6, 4^2, 3^2, 2^3\})$	1610661888
12	$\mathcal{O}(1; \{12^8, 6^6, 4^4, 3^2\})$	6442647552
12	$\mathcal{O}(1; \{12^8, 6^7, 2^7\})$	201314304
12	$\mathcal{O}(1; \{12^8, 6^7, 3^3, 2^3\})$	1610625024
12	$\mathcal{O}(1; \{12^8, 6^7, 4^2, 2^4\})$	805257216
12	$\mathcal{O}(1; \{12^8, 6^7, 4^2, 3^3\})$	6442500096
12	$\mathcal{O}(1; \{12^8, 6^7, 4^4, 2\})$	3221028864
12	$\mathcal{O}(1; \{12^8, 6^8, 3, 2^4\})$	805294080
12	$\mathcal{O}(1; \{12^8, 6^8, 3^4\})$	6442463232
12	$\mathcal{O}(1; \{12^8, 6^8, 4^2, 3, 2\})$	3221176320
12	$\mathcal{O}(1; \{12^8, 6^9, 3^2, 2\})$	3221213184
12	$\mathcal{O}(1; \{12^8, 6^{10}, 2^2\})$	1610625024
12	$\mathcal{O}(1; \{12^9, 4, 3, 2^{14}\})$	25214976
12	$\mathcal{O}(1; \{12^9, 4, 3^4, 2^{10}\})$	201277440
12	$\mathcal{O}(1; \{12^9, 4, 3^7, 2^6\})$	1610661888
12	$\mathcal{O}(1; \{12^9, 4, 3^{10}, 2^2\})$	12884852736
12	$\mathcal{O}(1; \{12^9, 4^3, 3, 2^{11}\})$	100859904
12	$\mathcal{O}(1; \{12^9, 4^3, 3^4, 2^7\})$	805109760
12	$\mathcal{O}(1; \{12^9, 4^3, 3^7, 2^3\})$	6442647552
12	$\mathcal{O}(1; \{12^9, 4^5, 3, 2^8\})$	403439616
12	$\mathcal{O}(1; \{12^9, 4^5, 3^4, 2^4\})$	3220439040
12	$\mathcal{O}(1; \{12^9, 4^5, 3^7\})$	25770590208
12	$\mathcal{O}(1; \{12^9, 4^7, 3, 2^5\})$	1613758464
12	$\mathcal{O}(1; \{12^9, 4^7, 3^4, 2\})$	12881756160
12	$\mathcal{O}(1; \{12^9, 4^9, 3, 2^2\})$	6455033856
12	$\mathcal{O}(1; \{12^9, 6, 4, 3^2, 2^{11}\})$	100712448
12	$\mathcal{O}(1; \{12^9, 6, 4, 3^5, 2^7\})$	805257216
12	$\mathcal{O}(1; \{12^9, 6, 4, 3^8, 2^3\})$	6442500096
12	$\mathcal{O}(1; \{12^9, 6, 4^3, 3^2, 2^8\})$	402849792
12	$\mathcal{O}(1; \{12^9, 6, 4^3, 3^5, 2^4\})$	3221028864
12	$\mathcal{O}(1; \{12^9, 6, 4^3, 3^8\})$	25770000384
12	$\mathcal{O}(1; \{12^9, 6, 4^5, 3^2, 2^5\})$	1611399168
12	$\mathcal{O}(1; \{12^9, 6, 4^5, 3^5, 2\})$	12884115456
12	$\mathcal{O}(1; \{12^9, 6, 4^7, 3^2, 2^2\})$	6445596672
12	$\mathcal{O}(1; \{12^9, 6^2, 4, 2^{12}\})$	50282496
12	$\mathcal{O}(1; \{12^9, 6^2, 4, 3^3, 2^8\})$	402702336
12	$\mathcal{O}(1; \{12^9, 6^2, 4, 3^6, 2^4\})$	3221176320
12	$\mathcal{O}(1; \{12^9, 6^2, 4, 3^9\})$	25769852928
12	$\mathcal{O}(1; \{12^9, 6^2, 4^3, 2^9\})$	201129984
12	$\mathcal{O}(1; \{12^9, 6^2, 4^3, 3^3, 2^5\})$	1610809344

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^9, 6^2, 4^3, 3^6, 2\})$	12884705280
12	$\mathcal{O}(1; \{12^9, 6^2, 4^5, 2^6\})$	804519936
12	$\mathcal{O}(1; \{12^9, 6^2, 4^5, 3^3, 2^2\})$	6443237376
12	$\mathcal{O}(1; \{12^9, 6^2, 4^7, 2^3\})$	3218079744
12	$\mathcal{O}(1; \{12^9, 6^2, 4^9\})$	12872318976
12	$\mathcal{O}(1; \{12^9, 6^3, 4, 3, 2^9\})$	201277440
12	$\mathcal{O}(1; \{12^9, 6^3, 4, 3^4, 2^5\})$	1610661888
12	$\mathcal{O}(1; \{12^9, 6^3, 4, 3^7, 2\})$	12884852736
12	$\mathcal{O}(1; \{12^9, 6^3, 4^3, 3, 2^6\})$	805109760
12	$\mathcal{O}(1; \{12^9, 6^3, 4^3, 3^4, 2^2\})$	6442647552
12	$\mathcal{O}(1; \{12^9, 6^3, 4^5, 3, 2^3\})$	3220439040
12	$\mathcal{O}(1; \{12^9, 6^3, 4^7, 3\})$	12881756160
12	$\mathcal{O}(1; \{12^9, 6^4, 4, 3^2, 2^6\})$	805257216
12	$\mathcal{O}(1; \{12^9, 6^4, 4, 3^5, 2^2\})$	6442500096
12	$\mathcal{O}(1; \{12^9, 6^4, 4^3, 3^2, 2^3\})$	3221028864
12	$\mathcal{O}(1; \{12^9, 6^4, 4^5, 3^2\})$	12884115456
12	$\mathcal{O}(1; \{12^9, 6^5, 4, 2^7\})$	402702336
12	$\mathcal{O}(1; \{12^9, 6^5, 4, 3^3, 2^3\})$	3221176320
12	$\mathcal{O}(1; \{12^9, 6^5, 4^3, 2^4\})$	1610809344
12	$\mathcal{O}(1; \{12^9, 6^5, 4^3, 3^3\})$	12884705280
12	$\mathcal{O}(1; \{12^9, 6^5, 4^5, 2\})$	6443237376
12	$\mathcal{O}(1; \{12^9, 6^6, 4, 3, 2^4\})$	1610661888
12	$\mathcal{O}(1; \{12^9, 6^6, 4, 3^4\})$	12884852736
12	$\mathcal{O}(1; \{12^9, 6^6, 4^3, 3, 2\})$	6442647552
12	$\mathcal{O}(1; \{12^9, 6^7, 4, 3^2, 2\})$	6442500096
12	$\mathcal{O}(1; \{12^9, 6^8, 4, 2^2\})$	3221176320
12	$\mathcal{O}(1; \{12^{10}, 2^{15}\})$	25214976
12	$\mathcal{O}(1; \{12^{10}, 3^3, 2^{11}\})$	201277440
12	$\mathcal{O}(1; \{12^{10}, 3^6, 2^7\})$	1610661888
12	$\mathcal{O}(1; \{12^{10}, 3^9, 2^3\})$	12884852736
12	$\mathcal{O}(1; \{12^{10}, 4^2, 2^{12}\})$	100859904
12	$\mathcal{O}(1; \{12^{10}, 4^2, 3^3, 2^8\})$	805109760
12	$\mathcal{O}(1; \{12^{10}, 4^2, 3^6, 2^4\})$	6442647552
12	$\mathcal{O}(1; \{12^{10}, 4^2, 3^9\})$	51539410944
12	$\mathcal{O}(1; \{12^{10}, 4^4, 2^9\})$	403439616
12	$\mathcal{O}(1; \{12^{10}, 4^4, 3^3, 2^5\})$	3220439040
12	$\mathcal{O}(1; \{12^{10}, 4^4, 3^6, 2\})$	25770590208
12	$\mathcal{O}(1; \{12^{10}, 4^6, 2^6\})$	1613758464
12	$\mathcal{O}(1; \{12^{10}, 4^6, 3^3, 2^2\})$	12881756160
12	$\mathcal{O}(1; \{12^{10}, 4^8, 2^3\})$	6455033856
12	$\mathcal{O}(1; \{12^{10}, 4^{10}\})$	25820135424
12	$\mathcal{O}(1; \{12^{10}, 6, 3, 2^{12}\})$	100712448
12	$\mathcal{O}(1; \{12^{10}, 6, 3^4, 2^8\})$	805257216

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^{10}, 6, 3^7, 2^4\})$	6442500096
12	$\mathcal{O}(1; \{12^{10}, 6, 3^{10}\})$	51539558400
12	$\mathcal{O}(1; \{12^{10}, 6, 4^2, 3, 2^9\})$	402849792
12	$\mathcal{O}(1; \{12^{10}, 6, 4^2, 3^4, 2^5\})$	3221028864
12	$\mathcal{O}(1; \{12^{10}, 6, 4^2, 3^7, 2\})$	25770000384
12	$\mathcal{O}(1; \{12^{10}, 6, 4^4, 3, 2^6\})$	1611399168
12	$\mathcal{O}(1; \{12^{10}, 6, 4^4, 3^4, 2^2\})$	12884115456
12	$\mathcal{O}(1; \{12^{10}, 6, 4^6, 3, 2^3\})$	6445596672
12	$\mathcal{O}(1; \{12^{10}, 6, 4^8, 3\})$	25782386688
12	$\mathcal{O}(1; \{12^{10}, 6^2, 3^2, 2^9\})$	402702336
12	$\mathcal{O}(1; \{12^{10}, 6^2, 3^5, 2^5\})$	3221176320
12	$\mathcal{O}(1; \{12^{10}, 6^2, 3^8, 2\})$	25769852928
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^2, 3^2, 2^6\})$	1610809344
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^2, 3^5, 2^2\})$	12884705280
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^4, 3^2, 2^3\})$	6443237376
12	$\mathcal{O}(1; \{12^{10}, 6^2, 4^6, 3^2\})$	25772949504
12	$\mathcal{O}(1; \{12^{10}, 6^3, 2^{10}\})$	201277440
12	$\mathcal{O}(1; \{12^{10}, 6^3, 3^3, 2^6\})$	1610661888
12	$\mathcal{O}(1; \{12^{10}, 6^3, 3^6, 2^2\})$	12884852736
12	$\mathcal{O}(1; \{12^{10}, 6^3, 4^2, 2^7\})$	805109760
12	$\mathcal{O}(1; \{12^{10}, 6^3, 4^2, 3^3, 2^3\})$	6442647552
12	$\mathcal{O}(1; \{12^{10}, 6^3, 4^4, 2^4\})$	3220439040
12	$\mathcal{O}(1; \{12^{10}, 6^3, 4^4, 3^3\})$	25770590208
12	$\mathcal{O}(1; \{12^{10}, 6^3, 4^6, 2\})$	12881756160
12	$\mathcal{O}(1; \{12^{10}, 6^4, 3, 2^7\})$	805257216
12	$\mathcal{O}(1; \{12^{10}, 6^4, 3^4, 2^3\})$	6442500096
12	$\mathcal{O}(1; \{12^{10}, 6^4, 4^2, 3, 2^4\})$	3221028864
12	$\mathcal{O}(1; \{12^{10}, 6^4, 4^2, 3^4\})$	25770000384
12	$\mathcal{O}(1; \{12^{10}, 6^4, 4^4, 3, 2\})$	12884115456
12	$\mathcal{O}(1; \{12^{10}, 6^5, 3^2, 2^4\})$	3221176320
12	$\mathcal{O}(1; \{12^{10}, 6^5, 3^5\})$	25769852928
12	$\mathcal{O}(1; \{12^{10}, 6^5, 4^2, 3^2, 2\})$	12884705280
12	$\mathcal{O}(1; \{12^{10}, 6^6, 2^5\})$	1610661888
12	$\mathcal{O}(1; \{12^{10}, 6^6, 3^3, 2\})$	12884852736
12	$\mathcal{O}(1; \{12^{10}, 6^6, 4^2, 2^2\})$	6442647552
12	$\mathcal{O}(1; \{12^{10}, 6^7, 3, 2^2\})$	6442500096
12	$\mathcal{O}(1; \{12^{10}, 6^9\})$	12884852736
12	$\mathcal{O}(1; \{12^{11}, 4, 3^2, 2^9\})$	805109760
12	$\mathcal{O}(1; \{12^{11}, 4, 3^5, 2^5\})$	6442647552
12	$\mathcal{O}(1; \{12^{11}, 4, 3^8, 2\})$	51539410944
12	$\mathcal{O}(1; \{12^{11}, 4^3, 3^2, 2^6\})$	3220439040
12	$\mathcal{O}(1; \{12^{11}, 4^3, 3^5, 2^2\})$	25770590208
12	$\mathcal{O}(1; \{12^{11}, 4^5, 3^2, 2^3\})$	12881756160

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^{11}, 4^7, 3^2\})$	51527024640
12	$\mathcal{O}(1; \{12^{11}, 6, 4, 2^{10}\})$	402849792
12	$\mathcal{O}(1; \{12^{11}, 6, 4, 3^3, 2^6\})$	3221028864
12	$\mathcal{O}(1; \{12^{11}, 6, 4, 3^6, 2^2\})$	25770000384
12	$\mathcal{O}(1; \{12^{11}, 6, 4^3, 2^7\})$	1611399168
12	$\mathcal{O}(1; \{12^{11}, 6, 4^3, 3^3, 2^3\})$	12884115456
12	$\mathcal{O}(1; \{12^{11}, 6, 4^5, 2^4\})$	6445596672
12	$\mathcal{O}(1; \{12^{11}, 6, 4^5, 3^3\})$	51536461824
12	$\mathcal{O}(1; \{12^{11}, 6, 4^7, 2\})$	25782386688
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4, 3, 2^7\})$	1610809344
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4, 3^4, 2^3\})$	12884705280
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4^3, 3, 2^4\})$	6443237376
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4^3, 3^4\})$	51538821120
12	$\mathcal{O}(1; \{12^{11}, 6^2, 4^5, 3, 2\})$	25772949504
12	$\mathcal{O}(1; \{12^{11}, 6^3, 4, 3^2, 2^4\})$	6442647552
12	$\mathcal{O}(1; \{12^{11}, 6^3, 4, 3^5\})$	51539410944
12	$\mathcal{O}(1; \{12^{11}, 6^3, 4^3, 3^2, 2\})$	25770590208
12	$\mathcal{O}(1; \{12^{11}, 6^4, 4, 2^5\})$	3221028864
12	$\mathcal{O}(1; \{12^{11}, 6^4, 4, 3^3, 2\})$	25770000384
12	$\mathcal{O}(1; \{12^{11}, 6^4, 4^3, 2^2\})$	12884115456
12	$\mathcal{O}(1; \{12^{11}, 6^5, 4, 3, 2^2\})$	12884705280
12	$\mathcal{O}(1; \{12^{11}, 6^7, 4\})$	25770000384
12	$\mathcal{O}(1; \{12^{12}, 3, 2^{10}\})$	805109760
12	$\mathcal{O}(1; \{12^{12}, 3^4, 2^6\})$	6442647552
12	$\mathcal{O}(1; \{12^{12}, 3^7, 2^2\})$	51539410944
12	$\mathcal{O}(1; \{12^{12}, 4^2, 3, 2^7\})$	3220439040
12	$\mathcal{O}(1; \{12^{12}, 4^2, 3^4, 2^3\})$	25770590208
12	$\mathcal{O}(1; \{12^{12}, 4^4, 3, 2^4\})$	12881756160
12	$\mathcal{O}(1; \{12^{12}, 4^4, 3^4\})$	103082360832
12	$\mathcal{O}(1; \{12^{12}, 4^6, 3, 2\})$	51527024640
12	$\mathcal{O}(1; \{12^{12}, 6, 3^2, 2^7\})$	3221028864
12	$\mathcal{O}(1; \{12^{12}, 6, 3^5, 2^3\})$	25770000384
12	$\mathcal{O}(1; \{12^{12}, 6, 4^2, 3^2, 2^4\})$	12884115456
12	$\mathcal{O}(1; \{12^{12}, 6, 4^2, 3^5\})$	103080001536
12	$\mathcal{O}(1; \{12^{12}, 6, 4^4, 3^2, 2\})$	51536461824
12	$\mathcal{O}(1; \{12^{12}, 6^2, 2^8\})$	1610809344
12	$\mathcal{O}(1; \{12^{12}, 6^2, 3^3, 2^4\})$	12884705280
12	$\mathcal{O}(1; \{12^{12}, 6^2, 3^6\})$	103079411712
12	$\mathcal{O}(1; \{12^{12}, 6^2, 4^2, 2^5\})$	6443237376
12	$\mathcal{O}(1; \{12^{12}, 6^2, 4^2, 3^3, 2\})$	51538821120
12	$\mathcal{O}(1; \{12^{12}, 6^2, 4^4, 2^2\})$	25772949504
12	$\mathcal{O}(1; \{12^{12}, 6^3, 3, 2^5\})$	6442647552
12	$\mathcal{O}(1; \{12^{12}, 6^3, 3^4, 2\})$	51539410944

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(1; \{12^{12}, 6^3, 4^2, 3, 2^2\})$	25770590208
12	$\mathcal{O}(1; \{12^{12}, 6^4, 3^2, 2^2\})$	25770000384
12	$\mathcal{O}(1; \{12^{12}, 6^5, 2^3\})$	12884705280
12	$\mathcal{O}(1; \{12^{12}, 6^5, 4^2\})$	51538821120
12	$\mathcal{O}(1; \{12^{12}, 6^6, 3\})$	51539410944
12	$\mathcal{O}(1; \{12^{13}, 4, 2^8\})$	3220439040
12	$\mathcal{O}(1; \{12^{13}, 4, 3^3, 2^4\})$	25770590208
12	$\mathcal{O}(1; \{12^{13}, 4, 3^6\})$	206157643776
12	$\mathcal{O}(1; \{12^{13}, 4^3, 2^5\})$	12881756160
12	$\mathcal{O}(1; \{12^{13}, 4^3, 3^3, 2\})$	103082360832
12	$\mathcal{O}(1; \{12^{13}, 4^5, 2^2\})$	51527024640
12	$\mathcal{O}(1; \{12^{13}, 6, 4, 3, 2^5\})$	12884115456
12	$\mathcal{O}(1; \{12^{13}, 6, 4, 3^4, 2\})$	103080001536
12	$\mathcal{O}(1; \{12^{13}, 6, 4^3, 3, 2^2\})$	51536461824
12	$\mathcal{O}(1; \{12^{13}, 6^2, 4, 3^2, 2^2\})$	51538821120
12	$\mathcal{O}(1; \{12^{13}, 6^3, 4, 2^3\})$	25770590208
12	$\mathcal{O}(1; \{12^{13}, 6^3, 4^3\})$	103082360832
12	$\mathcal{O}(1; \{12^{13}, 6^4, 4, 3\})$	103080001536
12	$\mathcal{O}(1; \{12^{14}, 3^2, 2^5\})$	25770590208
12	$\mathcal{O}(1; \{12^{14}, 3^5, 2\})$	206157643776
12	$\mathcal{O}(1; \{12^{14}, 4^2, 3^2, 2^2\})$	103082360832
12	$\mathcal{O}(1; \{12^{14}, 6, 2^6\})$	12884115456
12	$\mathcal{O}(1; \{12^{14}, 6, 3^3, 2^2\})$	103080001536
12	$\mathcal{O}(1; \{12^{14}, 6, 4^2, 2^3\})$	51536461824
12	$\mathcal{O}(1; \{12^{14}, 6, 4^4\})$	206145847296
12	$\mathcal{O}(1; \{12^{14}, 6^2, 3, 2^3\})$	51538821120
12	$\mathcal{O}(1; \{12^{14}, 6^2, 4^2, 3\})$	206155284480
12	$\mathcal{O}(1; \{12^{14}, 6^3, 3^2\})$	206157643776
12	$\mathcal{O}(1; \{12^{14}, 6^4, 2\})$	103080001536
12	$\mathcal{O}(1; \{12^{15}, 4, 3, 2^3\})$	103082360832
12	$\mathcal{O}(1; \{12^{15}, 4^3, 3\})$	412329443328
12	$\mathcal{O}(1; \{12^{15}, 6, 4, 3^2\})$	412320006144
12	$\mathcal{O}(1; \{12^{15}, 6^2, 4, 2\})$	206155284480
12	$\mathcal{O}(1; \{12^{16}, 2^4\})$	103082360832
12	$\mathcal{O}(1; \{12^{16}, 3^3\})$	824630575104
12	$\mathcal{O}(1; \{12^{16}, 4^2, 2\})$	412329443328
12	$\mathcal{O}(1; \{12^{16}, 6, 3, 2\})$	412320006144
12	$\mathcal{O}(0; \{4^2, 3^4, 2^{29}\})$	12
12	$\mathcal{O}(0; \{4^2, 3^7, 2^{25}\})$	84
12	$\mathcal{O}(0; \{4^2, 3^{10}, 2^{21}\})$	684
12	$\mathcal{O}(0; \{4^2, 3^{13}, 2^{17}\})$	5460
12	$\mathcal{O}(0; \{4^2, 3^{16}, 2^{13}\})$	43692
12	$\mathcal{O}(0; \{4^2, 3^{19}, 2^9\})$	349524

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{4^2, 3^{22}, 2^5\})$	2796204
12	$\mathcal{O}(0; \{4^2, 3^{25}, 2\})$	22369620
12	$\mathcal{O}(0; \{4^4, 3^4, 2^{26}\})$	48
12	$\mathcal{O}(0; \{4^4, 3^7, 2^{22}\})$	336
12	$\mathcal{O}(0; \{4^4, 3^{10}, 2^{18}\})$	2736
12	$\mathcal{O}(0; \{4^4, 3^{13}, 2^{14}\})$	21840
12	$\mathcal{O}(0; \{4^4, 3^{16}, 2^{10}\})$	174768
12	$\mathcal{O}(0; \{4^4, 3^{19}, 2^6\})$	1398096
12	$\mathcal{O}(0; \{4^4, 3^{22}, 2^2\})$	11184816
12	$\mathcal{O}(0; \{4^6, 3^4, 2^{23}\})$	192
12	$\mathcal{O}(0; \{4^6, 3^7, 2^{19}\})$	1344
12	$\mathcal{O}(0; \{4^6, 3^{10}, 2^{15}\})$	10944
12	$\mathcal{O}(0; \{4^6, 3^{13}, 2^{11}\})$	87360
12	$\mathcal{O}(0; \{4^6, 3^{16}, 2^7\})$	699072
12	$\mathcal{O}(0; \{4^6, 3^{19}, 2^3\})$	5592384
12	$\mathcal{O}(0; \{4^8, 3^4, 2^{20}\})$	768
12	$\mathcal{O}(0; \{4^8, 3^7, 2^{16}\})$	5376
12	$\mathcal{O}(0; \{4^8, 3^{10}, 2^{12}\})$	43776
12	$\mathcal{O}(0; \{4^8, 3^{13}, 2^8\})$	349440
12	$\mathcal{O}(0; \{4^8, 3^{16}, 2^4\})$	2796288
12	$\mathcal{O}(0; \{4^8, 3^{19}\})$	22369536
12	$\mathcal{O}(0; \{4^{10}, 3^4, 2^{17}\})$	3072
12	$\mathcal{O}(0; \{4^{10}, 3^7, 2^{13}\})$	21504
12	$\mathcal{O}(0; \{4^{10}, 3^{10}, 2^9\})$	175104
12	$\mathcal{O}(0; \{4^{10}, 3^{13}, 2^5\})$	1397760
12	$\mathcal{O}(0; \{4^{10}, 3^{16}, 2\})$	11185152
12	$\mathcal{O}(0; \{4^{12}, 3^4, 2^{14}\})$	12288
12	$\mathcal{O}(0; \{4^{12}, 3^7, 2^{10}\})$	86016
12	$\mathcal{O}(0; \{4^{12}, 3^{10}, 2^6\})$	700416
12	$\mathcal{O}(0; \{4^{12}, 3^{13}, 2^2\})$	5591040
12	$\mathcal{O}(0; \{4^{14}, 3^4, 2^{11}\})$	49152
12	$\mathcal{O}(0; \{4^{14}, 3^7, 2^7\})$	344064
12	$\mathcal{O}(0; \{4^{14}, 3^{10}, 2^3\})$	2801664
12	$\mathcal{O}(0; \{4^{16}, 3^4, 2^8\})$	196608
12	$\mathcal{O}(0; \{4^{16}, 3^7, 2^4\})$	1376256
12	$\mathcal{O}(0; \{4^{16}, 3^{10}\})$	11206656
12	$\mathcal{O}(0; \{4^{18}, 3^4, 2^5\})$	786432
12	$\mathcal{O}(0; \{4^{18}, 3^7, 2\})$	5505024
12	$\mathcal{O}(0; \{4^{20}, 3^4, 2^2\})$	3145728
12	$\mathcal{O}(0; \{6, 4^2, 3^2, 2^{30}\})$	4
12	$\mathcal{O}(0; \{6, 4^2, 3^5, 2^{26}\})$	44
12	$\mathcal{O}(0; \{6, 4^2, 3^8, 2^{22}\})$	340
12	$\mathcal{O}(0; \{6, 4^2, 3^{11}, 2^{18}\})$	2732

Continued on next page

Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6, 4^2, 3^{14}, 2^{14}\})$	21844
12	$\mathcal{O}(0; \{6, 4^2, 3^{17}, 2^{10}\})$	174764
12	$\mathcal{O}(0; \{6, 4^2, 3^{20}, 2^6\})$	1398100
12	$\mathcal{O}(0; \{6, 4^2, 3^{23}, 2^2\})$	11184812
12	$\mathcal{O}(0; \{6, 4^4, 3^2, 2^{27}\})$	16
12	$\mathcal{O}(0; \{6, 4^4, 3^5, 2^{23}\})$	176
12	$\mathcal{O}(0; \{6, 4^4, 3^8, 2^{19}\})$	1360
12	$\mathcal{O}(0; \{6, 4^4, 3^{11}, 2^{15}\})$	10928
12	$\mathcal{O}(0; \{6, 4^4, 3^{14}, 2^{11}\})$	87376
12	$\mathcal{O}(0; \{6, 4^4, 3^{17}, 2^7\})$	699056
12	$\mathcal{O}(0; \{6, 4^4, 3^{20}, 2^3\})$	5592400
12	$\mathcal{O}(0; \{6, 4^6, 3^2, 2^{24}\})$	64
12	$\mathcal{O}(0; \{6, 4^6, 3^5, 2^{20}\})$	704
12	$\mathcal{O}(0; \{6, 4^6, 3^8, 2^{16}\})$	5440
12	$\mathcal{O}(0; \{6, 4^6, 3^{11}, 2^{12}\})$	43712
12	$\mathcal{O}(0; \{6, 4^6, 3^{14}, 2^8\})$	349504
12	$\mathcal{O}(0; \{6, 4^6, 3^{17}, 2^4\})$	2796224
12	$\mathcal{O}(0; \{6, 4^6, 3^{20}\})$	22369600
12	$\mathcal{O}(0; \{6, 4^8, 3^2, 2^{21}\})$	256
12	$\mathcal{O}(0; \{6, 4^8, 3^5, 2^{17}\})$	2816
12	$\mathcal{O}(0; \{6, 4^8, 3^8, 2^{13}\})$	21760
12	$\mathcal{O}(0; \{6, 4^8, 3^{11}, 2^9\})$	174848
12	$\mathcal{O}(0; \{6, 4^8, 3^{14}, 2^5\})$	1398016
12	$\mathcal{O}(0; \{6, 4^8, 3^{17}, 2\})$	11184896
12	$\mathcal{O}(0; \{6, 4^{10}, 3^2, 2^{18}\})$	1024
12	$\mathcal{O}(0; \{6, 4^{10}, 3^5, 2^{14}\})$	11264
12	$\mathcal{O}(0; \{6, 4^{10}, 3^8, 2^{10}\})$	87040
12	$\mathcal{O}(0; \{6, 4^{10}, 3^{11}, 2^6\})$	699392
12	$\mathcal{O}(0; \{6, 4^{10}, 3^{14}, 2^2\})$	5592064
12	$\mathcal{O}(0; \{6, 4^{12}, 3^2, 2^{15}\})$	4096
12	$\mathcal{O}(0; \{6, 4^{12}, 3^5, 2^{11}\})$	45056
12	$\mathcal{O}(0; \{6, 4^{12}, 3^8, 2^7\})$	348160
12	$\mathcal{O}(0; \{6, 4^{12}, 3^{11}, 2^3\})$	2797568
12	$\mathcal{O}(0; \{6, 4^{14}, 3^2, 2^{12}\})$	16384
12	$\mathcal{O}(0; \{6, 4^{14}, 3^5, 2^8\})$	180224
12	$\mathcal{O}(0; \{6, 4^{14}, 3^8, 2^4\})$	1392640
12	$\mathcal{O}(0; \{6, 4^{14}, 3^{11}\})$	11190272
12	$\mathcal{O}(0; \{6, 4^{16}, 3^2, 2^9\})$	65536
12	$\mathcal{O}(0; \{6, 4^{16}, 3^5, 2^5\})$	720896
12	$\mathcal{O}(0; \{6, 4^{16}, 3^8, 2\})$	5570560
12	$\mathcal{O}(0; \{6, 4^{18}, 3^2, 2^6\})$	262144
12	$\mathcal{O}(0; \{6, 4^{18}, 3^5, 2^2\})$	2883584
12	$\mathcal{O}(0; \{6, 4^{20}, 3^2, 2^3\})$	1048576

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6, 4^{22}, 3^2\})$	4194304
12	$\mathcal{O}(0; \{6^2, 4^2, 2^{31}\})$	4
12	$\mathcal{O}(0; \{6^2, 4^2, 3^3, 2^{27}\})$	20
12	$\mathcal{O}(0; \{6^2, 4^2, 3^6, 2^{23}\})$	172
12	$\mathcal{O}(0; \{6^2, 4^2, 3^9, 2^{19}\})$	1364
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{12}, 2^{15}\})$	10924
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{15}, 2^{11}\})$	87380
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{18}, 2^7\})$	699052
12	$\mathcal{O}(0; \{6^2, 4^2, 3^{21}, 2^3\})$	5592404
12	$\mathcal{O}(0; \{6^2, 4^4, 2^{28}\})$	16
12	$\mathcal{O}(0; \{6^2, 4^4, 3^3, 2^{24}\})$	80
12	$\mathcal{O}(0; \{6^2, 4^4, 3^6, 2^{20}\})$	688
12	$\mathcal{O}(0; \{6^2, 4^4, 3^9, 2^{16}\})$	5456
12	$\mathcal{O}(0; \{6^2, 4^4, 3^{12}, 2^{12}\})$	43696
12	$\mathcal{O}(0; \{6^2, 4^4, 3^{15}, 2^8\})$	349520
12	$\mathcal{O}(0; \{6^2, 4^4, 3^{18}, 2^4\})$	2796208
12	$\mathcal{O}(0; \{6^2, 4^4, 3^{21}\})$	22369616
12	$\mathcal{O}(0; \{6^2, 4^6, 2^{25}\})$	64
12	$\mathcal{O}(0; \{6^2, 4^6, 3^3, 2^{21}\})$	320
12	$\mathcal{O}(0; \{6^2, 4^6, 3^6, 2^{17}\})$	2752
12	$\mathcal{O}(0; \{6^2, 4^6, 3^9, 2^{13}\})$	21824
12	$\mathcal{O}(0; \{6^2, 4^6, 3^{12}, 2^9\})$	174784
12	$\mathcal{O}(0; \{6^2, 4^6, 3^{15}, 2^5\})$	1398080
12	$\mathcal{O}(0; \{6^2, 4^6, 3^{18}, 2\})$	11184832
12	$\mathcal{O}(0; \{6^2, 4^8, 2^{22}\})$	256
12	$\mathcal{O}(0; \{6^2, 4^8, 3^3, 2^{18}\})$	1280
12	$\mathcal{O}(0; \{6^2, 4^8, 3^6, 2^{14}\})$	11008
12	$\mathcal{O}(0; \{6^2, 4^8, 3^9, 2^{10}\})$	87296
12	$\mathcal{O}(0; \{6^2, 4^8, 3^{12}, 2^6\})$	699136
12	$\mathcal{O}(0; \{6^2, 4^8, 3^{15}, 2^2\})$	5592320
12	$\mathcal{O}(0; \{6^2, 4^{10}, 2^{19}\})$	1024
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^3, 2^{15}\})$	5120
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^6, 2^{11}\})$	44032
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^9, 2^7\})$	349184
12	$\mathcal{O}(0; \{6^2, 4^{10}, 3^{12}, 2^3\})$	2796544
12	$\mathcal{O}(0; \{6^2, 4^{12}, 2^{16}\})$	4096
12	$\mathcal{O}(0; \{6^2, 4^{12}, 3^3, 2^{12}\})$	20480
12	$\mathcal{O}(0; \{6^2, 4^{12}, 3^6, 2^8\})$	176128
12	$\mathcal{O}(0; \{6^2, 4^{12}, 3^9, 2^4\})$	1396736
12	$\mathcal{O}(0; \{6^2, 4^{12}, 3^{12}\})$	11186176
12	$\mathcal{O}(0; \{6^2, 4^{14}, 2^{13}\})$	16384
12	$\mathcal{O}(0; \{6^2, 4^{14}, 3^3, 2^9\})$	81920
12	$\mathcal{O}(0; \{6^2, 4^{14}, 3^6, 2^5\})$	704512

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^2, 4^{14}, 3^9, 2\})$	5586944
12	$\mathcal{O}(0; \{6^2, 4^{16}, 2^{10}\})$	65536
12	$\mathcal{O}(0; \{6^2, 4^{16}, 3^3, 2^6\})$	327680
12	$\mathcal{O}(0; \{6^2, 4^{16}, 3^6, 2^2\})$	2818048
12	$\mathcal{O}(0; \{6^2, 4^{18}, 2^7\})$	262144
12	$\mathcal{O}(0; \{6^2, 4^{18}, 3^3, 2^3\})$	1310720
12	$\mathcal{O}(0; \{6^2, 4^{20}, 2^4\})$	1048576
12	$\mathcal{O}(0; \{6^2, 4^{20}, 3^3\})$	5242880
12	$\mathcal{O}(0; \{6^2, 4^{22}, 2\})$	4194304
12	$\mathcal{O}(0; \{6^3, 4^2, 3, 2^{28}\})$	12
12	$\mathcal{O}(0; \{6^3, 4^2, 3^4, 2^{24}\})$	84
12	$\mathcal{O}(0; \{6^3, 4^2, 3^7, 2^{20}\})$	684
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{10}, 2^{16}\})$	5460
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{13}, 2^{12}\})$	43692
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{16}, 2^8\})$	349524
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{19}, 2^4\})$	2796204
12	$\mathcal{O}(0; \{6^3, 4^2, 3^{22}\})$	22369620
12	$\mathcal{O}(0; \{6^3, 4^4, 3, 2^{25}\})$	48
12	$\mathcal{O}(0; \{6^3, 4^4, 3^4, 2^{21}\})$	336
12	$\mathcal{O}(0; \{6^3, 4^4, 3^7, 2^{17}\})$	2736
12	$\mathcal{O}(0; \{6^3, 4^4, 3^{10}, 2^{13}\})$	21840
12	$\mathcal{O}(0; \{6^3, 4^4, 3^{13}, 2^9\})$	174768
12	$\mathcal{O}(0; \{6^3, 4^4, 3^{16}, 2^5\})$	1398096
12	$\mathcal{O}(0; \{6^3, 4^4, 3^{19}, 2\})$	11184816
12	$\mathcal{O}(0; \{6^3, 4^6, 3, 2^{22}\})$	192
12	$\mathcal{O}(0; \{6^3, 4^6, 3^4, 2^{18}\})$	1344
12	$\mathcal{O}(0; \{6^3, 4^6, 3^7, 2^{14}\})$	10944
12	$\mathcal{O}(0; \{6^3, 4^6, 3^{10}, 2^{10}\})$	87360
12	$\mathcal{O}(0; \{6^3, 4^6, 3^{13}, 2^6\})$	699072
12	$\mathcal{O}(0; \{6^3, 4^6, 3^{16}, 2^2\})$	5592384
12	$\mathcal{O}(0; \{6^3, 4^8, 3, 2^{19}\})$	768
12	$\mathcal{O}(0; \{6^3, 4^8, 3^4, 2^{15}\})$	5376
12	$\mathcal{O}(0; \{6^3, 4^8, 3^7, 2^{11}\})$	43776
12	$\mathcal{O}(0; \{6^3, 4^8, 3^{10}, 2^7\})$	349440
12	$\mathcal{O}(0; \{6^3, 4^8, 3^{13}, 2^3\})$	2796288
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3, 2^{16}\})$	3072
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3^4, 2^{12}\})$	21504
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3^7, 2^8\})$	175104
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3^{10}, 2^4\})$	1397760
12	$\mathcal{O}(0; \{6^3, 4^{10}, 3^{13}\})$	11185152
12	$\mathcal{O}(0; \{6^3, 4^{12}, 3, 2^{13}\})$	12288
12	$\mathcal{O}(0; \{6^3, 4^{12}, 3^4, 2^9\})$	86016
12	$\mathcal{O}(0; \{6^3, 4^{12}, 3^7, 2^5\})$	700416

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^3, 4^{12}, 3^{10}, 2\})$	5591040
12	$\mathcal{O}(0; \{6^3, 4^{14}, 3, 2^{10}\})$	49152
12	$\mathcal{O}(0; \{6^3, 4^{14}, 3^4, 2^6\})$	344064
12	$\mathcal{O}(0; \{6^3, 4^{14}, 3^7, 2^2\})$	2801664
12	$\mathcal{O}(0; \{6^3, 4^{16}, 3, 2^7\})$	196608
12	$\mathcal{O}(0; \{6^3, 4^{16}, 3^4, 2^3\})$	1376256
12	$\mathcal{O}(0; \{6^3, 4^{18}, 3, 2^4\})$	786432
12	$\mathcal{O}(0; \{6^3, 4^{18}, 3^4\})$	5505024
12	$\mathcal{O}(0; \{6^3, 4^{20}, 3, 2\})$	3145728
12	$\mathcal{O}(0; \{6^4, 4^2, 3^2, 2^{25}\})$	44
12	$\mathcal{O}(0; \{6^4, 4^2, 3^5, 2^{21}\})$	340
12	$\mathcal{O}(0; \{6^4, 4^2, 3^8, 2^{17}\})$	2732
12	$\mathcal{O}(0; \{6^4, 4^2, 3^{11}, 2^{13}\})$	21844
12	$\mathcal{O}(0; \{6^4, 4^2, 3^{14}, 2^9\})$	174764
12	$\mathcal{O}(0; \{6^4, 4^2, 3^{17}, 2^5\})$	1398100
12	$\mathcal{O}(0; \{6^4, 4^2, 3^{20}, 2\})$	11184812
12	$\mathcal{O}(0; \{6^4, 4^4, 3^2, 2^{22}\})$	176
12	$\mathcal{O}(0; \{6^4, 4^4, 3^5, 2^{18}\})$	1360
12	$\mathcal{O}(0; \{6^4, 4^4, 3^8, 2^{14}\})$	10928
12	$\mathcal{O}(0; \{6^4, 4^4, 3^{11}, 2^{10}\})$	87376
12	$\mathcal{O}(0; \{6^4, 4^4, 3^{14}, 2^6\})$	699056
12	$\mathcal{O}(0; \{6^4, 4^4, 3^{17}, 2^2\})$	5592400
12	$\mathcal{O}(0; \{6^4, 4^6, 3^2, 2^{19}\})$	704
12	$\mathcal{O}(0; \{6^4, 4^6, 3^5, 2^{15}\})$	5440
12	$\mathcal{O}(0; \{6^4, 4^6, 3^8, 2^{11}\})$	43712
12	$\mathcal{O}(0; \{6^4, 4^6, 3^{11}, 2^7\})$	349504
12	$\mathcal{O}(0; \{6^4, 4^6, 3^{14}, 2^3\})$	2796224
12	$\mathcal{O}(0; \{6^4, 4^8, 3^2, 2^{16}\})$	2816
12	$\mathcal{O}(0; \{6^4, 4^8, 3^5, 2^{12}\})$	21760
12	$\mathcal{O}(0; \{6^4, 4^8, 3^8, 2^8\})$	174848
12	$\mathcal{O}(0; \{6^4, 4^8, 3^{11}, 2^4\})$	1398016
12	$\mathcal{O}(0; \{6^4, 4^8, 3^{14}\})$	11184896
12	$\mathcal{O}(0; \{6^4, 4^{10}, 3^2, 2^{13}\})$	11264
12	$\mathcal{O}(0; \{6^4, 4^{10}, 3^5, 2^9\})$	87040
12	$\mathcal{O}(0; \{6^4, 4^{10}, 3^8, 2^5\})$	699392
12	$\mathcal{O}(0; \{6^4, 4^{10}, 3^{11}, 2\})$	5592064
12	$\mathcal{O}(0; \{6^4, 4^{12}, 3^2, 2^{10}\})$	45056
12	$\mathcal{O}(0; \{6^4, 4^{12}, 3^5, 2^6\})$	348160
12	$\mathcal{O}(0; \{6^4, 4^{12}, 3^8, 2^2\})$	2797568
12	$\mathcal{O}(0; \{6^4, 4^{14}, 3^2, 2^7\})$	180224
12	$\mathcal{O}(0; \{6^4, 4^{14}, 3^5, 2^3\})$	1392640
12	$\mathcal{O}(0; \{6^4, 4^{16}, 3^2, 2^4\})$	720896
12	$\mathcal{O}(0; \{6^4, 4^{16}, 3^5\})$	5570560

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^4, 4^{18}, 3^2, 2\})$	2883584
12	$\mathcal{O}(0; \{6^5, 4^2, 2^{26}\})$	20
12	$\mathcal{O}(0; \{6^5, 4^2, 3^3, 2^{22}\})$	172
12	$\mathcal{O}(0; \{6^5, 4^2, 3^6, 2^{18}\})$	1364
12	$\mathcal{O}(0; \{6^5, 4^2, 3^9, 2^{14}\})$	10924
12	$\mathcal{O}(0; \{6^5, 4^2, 3^{12}, 2^{10}\})$	87380
12	$\mathcal{O}(0; \{6^5, 4^2, 3^{15}, 2^6\})$	699052
12	$\mathcal{O}(0; \{6^5, 4^2, 3^{18}, 2^2\})$	5592404
12	$\mathcal{O}(0; \{6^5, 4^4, 2^{23}\})$	80
12	$\mathcal{O}(0; \{6^5, 4^4, 3^3, 2^{19}\})$	688
12	$\mathcal{O}(0; \{6^5, 4^4, 3^6, 2^{15}\})$	5456
12	$\mathcal{O}(0; \{6^5, 4^4, 3^9, 2^{11}\})$	43696
12	$\mathcal{O}(0; \{6^5, 4^4, 3^{12}, 2^7\})$	349520
12	$\mathcal{O}(0; \{6^5, 4^4, 3^{15}, 2^3\})$	2796208
12	$\mathcal{O}(0; \{6^5, 4^6, 2^{20}\})$	320
12	$\mathcal{O}(0; \{6^5, 4^6, 3^3, 2^{16}\})$	2752
12	$\mathcal{O}(0; \{6^5, 4^6, 3^6, 2^{12}\})$	21824
12	$\mathcal{O}(0; \{6^5, 4^6, 3^9, 2^8\})$	174784
12	$\mathcal{O}(0; \{6^5, 4^6, 3^{12}, 2^4\})$	1398080
12	$\mathcal{O}(0; \{6^5, 4^6, 3^{15}\})$	11184832
12	$\mathcal{O}(0; \{6^5, 4^8, 2^{17}\})$	1280
12	$\mathcal{O}(0; \{6^5, 4^8, 3^3, 2^{13}\})$	11008
12	$\mathcal{O}(0; \{6^5, 4^8, 3^6, 2^9\})$	87296
12	$\mathcal{O}(0; \{6^5, 4^8, 3^9, 2^5\})$	699136
12	$\mathcal{O}(0; \{6^5, 4^8, 3^{12}, 2\})$	5592320
12	$\mathcal{O}(0; \{6^5, 4^{10}, 2^{14}\})$	5120
12	$\mathcal{O}(0; \{6^5, 4^{10}, 3^3, 2^{10}\})$	44032
12	$\mathcal{O}(0; \{6^5, 4^{10}, 3^6, 2^6\})$	349184
12	$\mathcal{O}(0; \{6^5, 4^{10}, 3^9, 2^2\})$	2796544
12	$\mathcal{O}(0; \{6^5, 4^{12}, 2^{11}\})$	20480
12	$\mathcal{O}(0; \{6^5, 4^{12}, 3^3, 2^7\})$	176128
12	$\mathcal{O}(0; \{6^5, 4^{12}, 3^6, 2^3\})$	1396736
12	$\mathcal{O}(0; \{6^5, 4^{14}, 2^8\})$	81920
12	$\mathcal{O}(0; \{6^5, 4^{14}, 3^3, 2^4\})$	704512
12	$\mathcal{O}(0; \{6^5, 4^{14}, 3^6\})$	5586944
12	$\mathcal{O}(0; \{6^5, 4^{16}, 2^5\})$	327680
12	$\mathcal{O}(0; \{6^5, 4^{16}, 3^3, 2\})$	2818048
12	$\mathcal{O}(0; \{6^5, 4^{18}, 2^2\})$	1310720
12	$\mathcal{O}(0; \{6^6, 4^2, 3, 2^{23}\})$	84
12	$\mathcal{O}(0; \{6^6, 4^2, 3^4, 2^{19}\})$	684
12	$\mathcal{O}(0; \{6^6, 4^2, 3^7, 2^{15}\})$	5460
12	$\mathcal{O}(0; \{6^6, 4^2, 3^{10}, 2^{11}\})$	43692
12	$\mathcal{O}(0; \{6^6, 4^2, 3^{13}, 2^7\})$	349524

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^6, 4^2, 3^{16}, 2^3\})$	2796204
12	$\mathcal{O}(0; \{6^6, 4^4, 3, 2^{20}\})$	336
12	$\mathcal{O}(0; \{6^6, 4^4, 3^4, 2^{16}\})$	2736
12	$\mathcal{O}(0; \{6^6, 4^4, 3^7, 2^{12}\})$	21840
12	$\mathcal{O}(0; \{6^6, 4^4, 3^{10}, 2^8\})$	174768
12	$\mathcal{O}(0; \{6^6, 4^4, 3^{13}, 2^4\})$	1398096
12	$\mathcal{O}(0; \{6^6, 4^4, 3^{16}\})$	11184816
12	$\mathcal{O}(0; \{6^6, 4^6, 3, 2^{17}\})$	1344
12	$\mathcal{O}(0; \{6^6, 4^6, 3^4, 2^{13}\})$	10944
12	$\mathcal{O}(0; \{6^6, 4^6, 3^7, 2^9\})$	87360
12	$\mathcal{O}(0; \{6^6, 4^6, 3^{10}, 2^5\})$	699072
12	$\mathcal{O}(0; \{6^6, 4^6, 3^{13}, 2\})$	5592384
12	$\mathcal{O}(0; \{6^6, 4^8, 3, 2^{14}\})$	5376
12	$\mathcal{O}(0; \{6^6, 4^8, 3^4, 2^{10}\})$	43776
12	$\mathcal{O}(0; \{6^6, 4^8, 3^7, 2^6\})$	349440
12	$\mathcal{O}(0; \{6^6, 4^8, 3^{10}, 2^2\})$	2796288
12	$\mathcal{O}(0; \{6^6, 4^{10}, 3, 2^{11}\})$	21504
12	$\mathcal{O}(0; \{6^6, 4^{10}, 3^4, 2^7\})$	175104
12	$\mathcal{O}(0; \{6^6, 4^{10}, 3^7, 2^3\})$	1397760
12	$\mathcal{O}(0; \{6^6, 4^{12}, 3, 2^8\})$	86016
12	$\mathcal{O}(0; \{6^6, 4^{12}, 3^4, 2^4\})$	700416
12	$\mathcal{O}(0; \{6^6, 4^{12}, 3^7\})$	5591040
12	$\mathcal{O}(0; \{6^6, 4^{14}, 3, 2^5\})$	344064
12	$\mathcal{O}(0; \{6^6, 4^{14}, 3^4, 2\})$	2801664
12	$\mathcal{O}(0; \{6^6, 4^{16}, 3, 2^2\})$	1376256
12	$\mathcal{O}(0; \{6^7, 4^2, 3^2, 2^{20}\})$	340
12	$\mathcal{O}(0; \{6^7, 4^2, 3^5, 2^{16}\})$	2732
12	$\mathcal{O}(0; \{6^7, 4^2, 3^8, 2^{12}\})$	21844
12	$\mathcal{O}(0; \{6^7, 4^2, 3^{11}, 2^8\})$	174764
12	$\mathcal{O}(0; \{6^7, 4^2, 3^{14}, 2^4\})$	1398100
12	$\mathcal{O}(0; \{6^7, 4^2, 3^{17}\})$	11184812
12	$\mathcal{O}(0; \{6^7, 4^4, 3^2, 2^{17}\})$	1360
12	$\mathcal{O}(0; \{6^7, 4^4, 3^5, 2^{13}\})$	10928
12	$\mathcal{O}(0; \{6^7, 4^4, 3^8, 2^9\})$	87376
12	$\mathcal{O}(0; \{6^7, 4^4, 3^{11}, 2^5\})$	699056
12	$\mathcal{O}(0; \{6^7, 4^4, 3^{14}, 2\})$	5592400
12	$\mathcal{O}(0; \{6^7, 4^6, 3^2, 2^{14}\})$	5440
12	$\mathcal{O}(0; \{6^7, 4^6, 3^5, 2^{10}\})$	43712
12	$\mathcal{O}(0; \{6^7, 4^6, 3^8, 2^6\})$	349504
12	$\mathcal{O}(0; \{6^7, 4^6, 3^{11}, 2^2\})$	2796224
12	$\mathcal{O}(0; \{6^7, 4^8, 3^2, 2^{11}\})$	21760
12	$\mathcal{O}(0; \{6^7, 4^8, 3^5, 2^7\})$	174848
12	$\mathcal{O}(0; \{6^7, 4^8, 3^8, 2^3\})$	1398016

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^7, 4^{10}, 3^2, 2^8\})$	87040
12	$\mathcal{O}(0; \{6^7, 4^{10}, 3^5, 2^4\})$	699392
12	$\mathcal{O}(0; \{6^7, 4^{10}, 3^8\})$	5592064
12	$\mathcal{O}(0; \{6^7, 4^{12}, 3^2, 2^5\})$	348160
12	$\mathcal{O}(0; \{6^7, 4^{12}, 3^5, 2\})$	2797568
12	$\mathcal{O}(0; \{6^7, 4^{14}, 3^2, 2^2\})$	1392640
12	$\mathcal{O}(0; \{6^8, 4^2, 2^{21}\})$	172
12	$\mathcal{O}(0; \{6^8, 4^2, 3^3, 2^{17}\})$	1364
12	$\mathcal{O}(0; \{6^8, 4^2, 3^6, 2^{13}\})$	10924
12	$\mathcal{O}(0; \{6^8, 4^2, 3^9, 2^9\})$	87380
12	$\mathcal{O}(0; \{6^8, 4^2, 3^{12}, 2^5\})$	699052
12	$\mathcal{O}(0; \{6^8, 4^2, 3^{15}, 2\})$	5592404
12	$\mathcal{O}(0; \{6^8, 4^4, 2^{18}\})$	688
12	$\mathcal{O}(0; \{6^8, 4^4, 3^3, 2^{14}\})$	5456
12	$\mathcal{O}(0; \{6^8, 4^4, 3^6, 2^{10}\})$	43696
12	$\mathcal{O}(0; \{6^8, 4^4, 3^9, 2^6\})$	349520
12	$\mathcal{O}(0; \{6^8, 4^4, 3^{12}, 2^2\})$	2796208
12	$\mathcal{O}(0; \{6^8, 4^6, 2^{15}\})$	2752
12	$\mathcal{O}(0; \{6^8, 4^6, 3^3, 2^{11}\})$	21824
12	$\mathcal{O}(0; \{6^8, 4^6, 3^6, 2^7\})$	174784
12	$\mathcal{O}(0; \{6^8, 4^6, 3^9, 2^3\})$	1398080
12	$\mathcal{O}(0; \{6^8, 4^8, 2^{12}\})$	11008
12	$\mathcal{O}(0; \{6^8, 4^8, 3^3, 2^8\})$	87296
12	$\mathcal{O}(0; \{6^8, 4^8, 3^6, 2^4\})$	699136
12	$\mathcal{O}(0; \{6^8, 4^8, 3^9\})$	5592320
12	$\mathcal{O}(0; \{6^8, 4^{10}, 2^9\})$	44032
12	$\mathcal{O}(0; \{6^8, 4^{10}, 3^3, 2^5\})$	349184
12	$\mathcal{O}(0; \{6^8, 4^{10}, 3^6, 2\})$	2796544
12	$\mathcal{O}(0; \{6^8, 4^{12}, 2^6\})$	176128
12	$\mathcal{O}(0; \{6^8, 4^{12}, 3^3, 2^2\})$	1396736
12	$\mathcal{O}(0; \{6^8, 4^{14}, 2^3\})$	704512
12	$\mathcal{O}(0; \{6^8, 4^{16}\})$	2818048
12	$\mathcal{O}(0; \{6^9, 4^2, 3, 2^{18}\})$	684
12	$\mathcal{O}(0; \{6^9, 4^2, 3^4, 2^{14}\})$	5460
12	$\mathcal{O}(0; \{6^9, 4^2, 3^7, 2^{10}\})$	43692
12	$\mathcal{O}(0; \{6^9, 4^2, 3^{10}, 2^6\})$	349524
12	$\mathcal{O}(0; \{6^9, 4^2, 3^{13}, 2^2\})$	2796204
12	$\mathcal{O}(0; \{6^9, 4^4, 3, 2^{15}\})$	2736
12	$\mathcal{O}(0; \{6^9, 4^4, 3^4, 2^{11}\})$	21840
12	$\mathcal{O}(0; \{6^9, 4^4, 3^7, 2^7\})$	174768
12	$\mathcal{O}(0; \{6^9, 4^4, 3^{10}, 2^3\})$	1398096
12	$\mathcal{O}(0; \{6^9, 4^6, 3, 2^{12}\})$	10944
12	$\mathcal{O}(0; \{6^9, 4^6, 3^4, 2^8\})$	87360

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_{\mathcal{O}}(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^9, 4^6, 3^7, 2^4\})$	699072
12	$\mathcal{O}(0; \{6^9, 4^6, 3^{10}\})$	5592384
12	$\mathcal{O}(0; \{6^9, 4^8, 3, 2^9\})$	43776
12	$\mathcal{O}(0; \{6^9, 4^8, 3^4, 2^5\})$	349440
12	$\mathcal{O}(0; \{6^9, 4^8, 3^7, 2\})$	2796288
12	$\mathcal{O}(0; \{6^9, 4^{10}, 3, 2^6\})$	175104
12	$\mathcal{O}(0; \{6^9, 4^{10}, 3^4, 2^2\})$	1397760
12	$\mathcal{O}(0; \{6^9, 4^{12}, 3, 2^3\})$	700416
12	$\mathcal{O}(0; \{6^9, 4^{14}, 3\})$	2801664
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^2, 2^{15}\})$	2732
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^5, 2^{11}\})$	21844
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^8, 2^7\})$	174764
12	$\mathcal{O}(0; \{6^{10}, 4^2, 3^{11}, 2^3\})$	1398100
12	$\mathcal{O}(0; \{6^{10}, 4^4, 3^2, 2^{12}\})$	10928
12	$\mathcal{O}(0; \{6^{10}, 4^4, 3^5, 2^8\})$	87376
12	$\mathcal{O}(0; \{6^{10}, 4^4, 3^8, 2^4\})$	699056
12	$\mathcal{O}(0; \{6^{10}, 4^4, 3^{11}\})$	5592400
12	$\mathcal{O}(0; \{6^{10}, 4^6, 3^2, 2^9\})$	43712
12	$\mathcal{O}(0; \{6^{10}, 4^6, 3^5, 2^5\})$	349504
12	$\mathcal{O}(0; \{6^{10}, 4^6, 3^8, 2\})$	2796224
12	$\mathcal{O}(0; \{6^{10}, 4^8, 3^2, 2^6\})$	174848
12	$\mathcal{O}(0; \{6^{10}, 4^8, 3^5, 2^2\})$	1398016
12	$\mathcal{O}(0; \{6^{10}, 4^{10}, 3^2, 2^3\})$	699392
12	$\mathcal{O}(0; \{6^{10}, 4^{12}, 3^2\})$	2797568
12	$\mathcal{O}(0; \{6^{11}, 4^2, 2^{16}\})$	1364
12	$\mathcal{O}(0; \{6^{11}, 4^2, 3^3, 2^{12}\})$	10924
12	$\mathcal{O}(0; \{6^{11}, 4^2, 3^6, 2^8\})$	87380
12	$\mathcal{O}(0; \{6^{11}, 4^2, 3^9, 2^4\})$	699052
12	$\mathcal{O}(0; \{6^{11}, 4^2, 3^{12}\})$	5592404
12	$\mathcal{O}(0; \{6^{11}, 4^4, 2^{13}\})$	5456
12	$\mathcal{O}(0; \{6^{11}, 4^4, 3^3, 2^9\})$	43696
12	$\mathcal{O}(0; \{6^{11}, 4^4, 3^6, 2^5\})$	349520
12	$\mathcal{O}(0; \{6^{11}, 4^4, 3^9, 2\})$	2796208
12	$\mathcal{O}(0; \{6^{11}, 4^6, 2^{10}\})$	21824
12	$\mathcal{O}(0; \{6^{11}, 4^6, 3^3, 2^6\})$	174784
12	$\mathcal{O}(0; \{6^{11}, 4^6, 3^6, 2^2\})$	1398080
12	$\mathcal{O}(0; \{6^{11}, 4^8, 2^7\})$	87296
12	$\mathcal{O}(0; \{6^{11}, 4^8, 3^3, 2^3\})$	699136
12	$\mathcal{O}(0; \{6^{11}, 4^{10}, 2^4\})$	349184
12	$\mathcal{O}(0; \{6^{11}, 4^{10}, 3^3\})$	2796544
12	$\mathcal{O}(0; \{6^{11}, 4^{12}, 2\})$	1396736
12	$\mathcal{O}(0; \{6^{12}, 4^2, 3, 2^{13}\})$	5460
12	$\mathcal{O}(0; \{6^{12}, 4^2, 3^4, 2^9\})$	43692

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^{12}, 4^2, 3^7, 2^5\})$	349524
12	$\mathcal{O}(0; \{6^{12}, 4^2, 3^{10}, 2\})$	2796204
12	$\mathcal{O}(0; \{6^{12}, 4^4, 3, 2^{10}\})$	21840
12	$\mathcal{O}(0; \{6^{12}, 4^4, 3^4, 2^6\})$	174768
12	$\mathcal{O}(0; \{6^{12}, 4^4, 3^7, 2^2\})$	1398096
12	$\mathcal{O}(0; \{6^{12}, 4^6, 3, 2^7\})$	87360
12	$\mathcal{O}(0; \{6^{12}, 4^6, 3^4, 2^3\})$	699072
12	$\mathcal{O}(0; \{6^{12}, 4^8, 3, 2^4\})$	349440
12	$\mathcal{O}(0; \{6^{12}, 4^8, 3^4\})$	2796288
12	$\mathcal{O}(0; \{6^{12}, 4^{10}, 3, 2\})$	1397760
12	$\mathcal{O}(0; \{6^{13}, 4^2, 3^2, 2^{10}\})$	21844
12	$\mathcal{O}(0; \{6^{13}, 4^2, 3^5, 2^6\})$	174764
12	$\mathcal{O}(0; \{6^{13}, 4^2, 3^8, 2^2\})$	1398100
12	$\mathcal{O}(0; \{6^{13}, 4^4, 3^2, 2^7\})$	87376
12	$\mathcal{O}(0; \{6^{13}, 4^4, 3^5, 2^3\})$	699056
12	$\mathcal{O}(0; \{6^{13}, 4^6, 3^2, 2^4\})$	349504
12	$\mathcal{O}(0; \{6^{13}, 4^6, 3^5\})$	2796224
12	$\mathcal{O}(0; \{6^{13}, 4^8, 3^2, 2\})$	1398016
12	$\mathcal{O}(0; \{6^{14}, 4^2, 2^{11}\})$	10924
12	$\mathcal{O}(0; \{6^{14}, 4^2, 3^3, 2^7\})$	87380
12	$\mathcal{O}(0; \{6^{14}, 4^2, 3^6, 2^3\})$	699052
12	$\mathcal{O}(0; \{6^{14}, 4^4, 2^8\})$	43696
12	$\mathcal{O}(0; \{6^{14}, 4^4, 3^3, 2^4\})$	349520
12	$\mathcal{O}(0; \{6^{14}, 4^4, 3^6\})$	2796208
12	$\mathcal{O}(0; \{6^{14}, 4^6, 2^5\})$	174784
12	$\mathcal{O}(0; \{6^{14}, 4^6, 3^3, 2\})$	1398080
12	$\mathcal{O}(0; \{6^{14}, 4^8, 2^2\})$	699136
12	$\mathcal{O}(0; \{6^{15}, 4^2, 3, 2^8\})$	43692
12	$\mathcal{O}(0; \{6^{15}, 4^2, 3^4, 2^4\})$	349524
12	$\mathcal{O}(0; \{6^{15}, 4^2, 3^7\})$	2796204
12	$\mathcal{O}(0; \{6^{15}, 4^4, 3, 2^5\})$	174768
12	$\mathcal{O}(0; \{6^{15}, 4^4, 3^4, 2\})$	1398096
12	$\mathcal{O}(0; \{6^{15}, 4^6, 3, 2^2\})$	699072
12	$\mathcal{O}(0; \{6^{16}, 4^2, 3^2, 2^5\})$	174764
12	$\mathcal{O}(0; \{6^{16}, 4^2, 3^5, 2\})$	1398100
12	$\mathcal{O}(0; \{6^{16}, 4^4, 3^2, 2^2\})$	699056
12	$\mathcal{O}(0; \{6^{17}, 4^2, 2^6\})$	87380
12	$\mathcal{O}(0; \{6^{17}, 4^2, 3^3, 2^2\})$	699052
12	$\mathcal{O}(0; \{6^{17}, 4^4, 2^3\})$	349520
12	$\mathcal{O}(0; \{6^{17}, 4^6\})$	1398080
12	$\mathcal{O}(0; \{6^{18}, 4^2, 3, 2^3\})$	349524
12	$\mathcal{O}(0; \{6^{18}, 4^4, 3\})$	1398096
12	$\mathcal{O}(0; \{6^{19}, 4^2, 3^2\})$	1398100

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{6^{20}, 4^2, 2\})$	699052
12	$\mathcal{O}(0; \{12, 4, 3^3, 2^{30}\})$	12
12	$\mathcal{O}(0; \{12, 4, 3^6, 2^{26}\})$	84
12	$\mathcal{O}(0; \{12, 4, 3^9, 2^{22}\})$	684
12	$\mathcal{O}(0; \{12, 4, 3^{12}, 2^{18}\})$	5460
12	$\mathcal{O}(0; \{12, 4, 3^{15}, 2^{14}\})$	43692
12	$\mathcal{O}(0; \{12, 4, 3^{18}, 2^{10}\})$	349524
12	$\mathcal{O}(0; \{12, 4, 3^{21}, 2^6\})$	2796204
12	$\mathcal{O}(0; \{12, 4, 3^{24}, 2^2\})$	22369620
12	$\mathcal{O}(0; \{12, 4^3, 3^3, 2^{27}\})$	48
12	$\mathcal{O}(0; \{12, 4^3, 3^6, 2^{23}\})$	336
12	$\mathcal{O}(0; \{12, 4^3, 3^9, 2^{19}\})$	2736
12	$\mathcal{O}(0; \{12, 4^3, 3^{12}, 2^{15}\})$	21840
12	$\mathcal{O}(0; \{12, 4^3, 3^{15}, 2^{11}\})$	174768
12	$\mathcal{O}(0; \{12, 4^3, 3^{18}, 2^7\})$	1398096
12	$\mathcal{O}(0; \{12, 4^3, 3^{21}, 2^3\})$	11184816
12	$\mathcal{O}(0; \{12, 4^5, 3^3, 2^{24}\})$	192
12	$\mathcal{O}(0; \{12, 4^5, 3^6, 2^{20}\})$	1344
12	$\mathcal{O}(0; \{12, 4^5, 3^9, 2^{16}\})$	10944
12	$\mathcal{O}(0; \{12, 4^5, 3^{12}, 2^{12}\})$	87360
12	$\mathcal{O}(0; \{12, 4^5, 3^{15}, 2^8\})$	699072
12	$\mathcal{O}(0; \{12, 4^5, 3^{18}, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12, 4^5, 3^{21}\})$	44739264
12	$\mathcal{O}(0; \{12, 4^7, 3^3, 2^{21}\})$	768
12	$\mathcal{O}(0; \{12, 4^7, 3^6, 2^{17}\})$	5376
12	$\mathcal{O}(0; \{12, 4^7, 3^9, 2^{13}\})$	43776
12	$\mathcal{O}(0; \{12, 4^7, 3^{12}, 2^9\})$	349440
12	$\mathcal{O}(0; \{12, 4^7, 3^{15}, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12, 4^7, 3^{18}, 2\})$	22369536
12	$\mathcal{O}(0; \{12, 4^9, 3^3, 2^{18}\})$	3072
12	$\mathcal{O}(0; \{12, 4^9, 3^6, 2^{14}\})$	21504
12	$\mathcal{O}(0; \{12, 4^9, 3^9, 2^{10}\})$	175104
12	$\mathcal{O}(0; \{12, 4^9, 3^{12}, 2^6\})$	1397760
12	$\mathcal{O}(0; \{12, 4^9, 3^{15}, 2^2\})$	11185152
12	$\mathcal{O}(0; \{12, 4^{11}, 3^3, 2^{15}\})$	12288
12	$\mathcal{O}(0; \{12, 4^{11}, 3^6, 2^{11}\})$	86016
12	$\mathcal{O}(0; \{12, 4^{11}, 3^9, 2^7\})$	700416
12	$\mathcal{O}(0; \{12, 4^{11}, 3^{12}, 2^3\})$	5591040
12	$\mathcal{O}(0; \{12, 4^{13}, 3^3, 2^{12}\})$	49152
12	$\mathcal{O}(0; \{12, 4^{13}, 3^6, 2^8\})$	344064
12	$\mathcal{O}(0; \{12, 4^{13}, 3^9, 2^4\})$	2801664
12	$\mathcal{O}(0; \{12, 4^{13}, 3^{12}\})$	22364160
12	$\mathcal{O}(0; \{12, 4^{15}, 3^3, 2^9\})$	196608

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 4^{15}, 3^6, 2^5\})$	1376256
12	$\mathcal{O}(0; \{12, 4^{15}, 3^9, 2\})$	11206656
12	$\mathcal{O}(0; \{12, 4^{17}, 3^3, 2^6\})$	786432
12	$\mathcal{O}(0; \{12, 4^{17}, 3^6, 2^2\})$	5505024
12	$\mathcal{O}(0; \{12, 4^{19}, 3^3, 2^3\})$	3145728
12	$\mathcal{O}(0; \{12, 4^{21}, 3^3\})$	12582912
12	$\mathcal{O}(0; \{12, 6, 4, 3, 2^{31}\})$	4
12	$\mathcal{O}(0; \{12, 6, 4, 3^4, 2^{27}\})$	44
12	$\mathcal{O}(0; \{12, 6, 4, 3^7, 2^{23}\})$	340
12	$\mathcal{O}(0; \{12, 6, 4, 3^{10}, 2^{19}\})$	2732
12	$\mathcal{O}(0; \{12, 6, 4, 3^{13}, 2^{15}\})$	21844
12	$\mathcal{O}(0; \{12, 6, 4, 3^{16}, 2^{11}\})$	174764
12	$\mathcal{O}(0; \{12, 6, 4, 3^{19}, 2^7\})$	1398100
12	$\mathcal{O}(0; \{12, 6, 4, 3^{22}, 2^3\})$	11184812
12	$\mathcal{O}(0; \{12, 6, 4^3, 3, 2^{28}\})$	16
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^4, 2^{24}\})$	176
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^7, 2^{20}\})$	1360
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{10}, 2^{16}\})$	10928
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{13}, 2^{12}\})$	87376
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{16}, 2^8\})$	699056
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{19}, 2^4\})$	5592400
12	$\mathcal{O}(0; \{12, 6, 4^3, 3^{22}\})$	44739248
12	$\mathcal{O}(0; \{12, 6, 4^5, 3, 2^{25}\})$	64
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^4, 2^{21}\})$	704
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^7, 2^{17}\})$	5440
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^{10}, 2^{13}\})$	43712
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^{13}, 2^9\})$	349504
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^{16}, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12, 6, 4^5, 3^{19}, 2\})$	22369600
12	$\mathcal{O}(0; \{12, 6, 4^7, 3, 2^{22}\})$	256
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^4, 2^{18}\})$	2816
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^7, 2^{14}\})$	21760
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^{10}, 2^{10}\})$	174848
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^{13}, 2^6\})$	1398016
12	$\mathcal{O}(0; \{12, 6, 4^7, 3^{16}, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12, 6, 4^9, 3, 2^{19}\})$	1024
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^4, 2^{15}\})$	11264
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^7, 2^{11}\})$	87040
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^{10}, 2^7\})$	699392
12	$\mathcal{O}(0; \{12, 6, 4^9, 3^{13}, 2^3\})$	5592064
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3, 2^{16}\})$	4096
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3^4, 2^{12}\})$	45056
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3^7, 2^8\})$	348160

Continued on next page

Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3^{10}, 2^4\})$	2797568
12	$\mathcal{O}(0; \{12, 6, 4^{11}, 3^{13}\})$	22368256
12	$\mathcal{O}(0; \{12, 6, 4^{13}, 3, 2^{13}\})$	16384
12	$\mathcal{O}(0; \{12, 6, 4^{13}, 3^4, 2^9\})$	180224
12	$\mathcal{O}(0; \{12, 6, 4^{13}, 3^7, 2^5\})$	1392640
12	$\mathcal{O}(0; \{12, 6, 4^{13}, 3^{10}, 2\})$	11190272
12	$\mathcal{O}(0; \{12, 6, 4^{15}, 3, 2^{10}\})$	65536
12	$\mathcal{O}(0; \{12, 6, 4^{15}, 3^4, 2^6\})$	720896
12	$\mathcal{O}(0; \{12, 6, 4^{15}, 3^7, 2^2\})$	5570560
12	$\mathcal{O}(0; \{12, 6, 4^{17}, 3, 2^7\})$	262144
12	$\mathcal{O}(0; \{12, 6, 4^{17}, 3^4, 2^3\})$	2883584
12	$\mathcal{O}(0; \{12, 6, 4^{19}, 3, 2^4\})$	1048576
12	$\mathcal{O}(0; \{12, 6, 4^{19}, 3^4\})$	11534336
12	$\mathcal{O}(0; \{12, 6, 4^{21}, 3, 2\})$	4194304
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^2, 2^{28}\})$	20
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^5, 2^{24}\})$	172
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^8, 2^{20}\})$	1364
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{11}, 2^{16}\})$	10924
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{14}, 2^{12}\})$	87380
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{17}, 2^8\})$	699052
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{20}, 2^4\})$	5592404
12	$\mathcal{O}(0; \{12, 6^2, 4, 3^{23}\})$	44739244
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^2, 2^{25}\})$	80
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^5, 2^{21}\})$	688
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^8, 2^{17}\})$	5456
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^{11}, 2^{13}\})$	43696
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^{14}, 2^9\})$	349520
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^{17}, 2^5\})$	2796208
12	$\mathcal{O}(0; \{12, 6^2, 4^3, 3^{20}, 2\})$	22369616
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^2, 2^{22}\})$	320
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^5, 2^{18}\})$	2752
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^8, 2^{14}\})$	21824
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^{11}, 2^{10}\})$	174784
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^{14}, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12, 6^2, 4^5, 3^{17}, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^2, 2^{19}\})$	1280
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^5, 2^{15}\})$	11008
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^8, 2^{11}\})$	87296
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^{11}, 2^7\})$	699136
12	$\mathcal{O}(0; \{12, 6^2, 4^7, 3^{14}, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^2, 2^{16}\})$	5120
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^5, 2^{12}\})$	44032
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^8, 2^8\})$	349184

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^{11}, 2^4\})$	2796544
12	$\mathcal{O}(0; \{12, 6^2, 4^9, 3^{14}\})$	22369280
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 3^2, 2^{13}\})$	20480
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 3^5, 2^9\})$	176128
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 3^8, 2^5\})$	1396736
12	$\mathcal{O}(0; \{12, 6^2, 4^{11}, 3^{11}, 2\})$	11186176
12	$\mathcal{O}(0; \{12, 6^2, 4^{13}, 3^2, 2^{10}\})$	81920
12	$\mathcal{O}(0; \{12, 6^2, 4^{13}, 3^5, 2^6\})$	704512
12	$\mathcal{O}(0; \{12, 6^2, 4^{13}, 3^8, 2^2\})$	5586944
12	$\mathcal{O}(0; \{12, 6^2, 4^{15}, 3^2, 2^7\})$	327680
12	$\mathcal{O}(0; \{12, 6^2, 4^{15}, 3^5, 2^3\})$	2818048
12	$\mathcal{O}(0; \{12, 6^2, 4^{17}, 3^2, 2^4\})$	1310720
12	$\mathcal{O}(0; \{12, 6^2, 4^{17}, 3^5\})$	11272192
12	$\mathcal{O}(0; \{12, 6^2, 4^{19}, 3^2, 2\})$	5242880
12	$\mathcal{O}(0; \{12, 6^3, 4, 2^{29}\})$	12
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^3, 2^{25}\})$	84
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^6, 2^{21}\})$	684
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^9, 2^{17}\})$	5460
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{12}, 2^{13}\})$	43692
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{15}, 2^9\})$	349524
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{18}, 2^5\})$	2796204
12	$\mathcal{O}(0; \{12, 6^3, 4, 3^{21}, 2\})$	22369620
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 2^{26}\})$	48
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^3, 2^{22}\})$	336
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^6, 2^{18}\})$	2736
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^9, 2^{14}\})$	21840
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^{12}, 2^{10}\})$	174768
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^{15}, 2^6\})$	1398096
12	$\mathcal{O}(0; \{12, 6^3, 4^3, 3^{18}, 2^2\})$	11184816
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 2^{23}\})$	192
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^3, 2^{19}\})$	1344
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^6, 2^{15}\})$	10944
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^9, 2^{11}\})$	87360
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^{12}, 2^7\})$	699072
12	$\mathcal{O}(0; \{12, 6^3, 4^5, 3^{15}, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 2^{20}\})$	768
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^3, 2^{16}\})$	5376
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^6, 2^{12}\})$	43776
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^9, 2^8\})$	349440
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^{12}, 2^4\})$	2796288
12	$\mathcal{O}(0; \{12, 6^3, 4^7, 3^{15}\})$	22369536
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 2^{17}\})$	3072
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3^3, 2^{13}\})$	21504

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3^6, 2^9\})$	175104
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3^9, 2^5\})$	1397760
12	$\mathcal{O}(0; \{12, 6^3, 4^9, 3^{12}, 2\})$	11185152
12	$\mathcal{O}(0; \{12, 6^3, 4^{11}, 2^{14}\})$	12288
12	$\mathcal{O}(0; \{12, 6^3, 4^{11}, 3^3, 2^{10}\})$	86016
12	$\mathcal{O}(0; \{12, 6^3, 4^{11}, 3^6, 2^6\})$	700416
12	$\mathcal{O}(0; \{12, 6^3, 4^{11}, 3^9, 2^2\})$	5591040
12	$\mathcal{O}(0; \{12, 6^3, 4^{13}, 2^{11}\})$	49152
12	$\mathcal{O}(0; \{12, 6^3, 4^{13}, 3^3, 2^7\})$	344064
12	$\mathcal{O}(0; \{12, 6^3, 4^{13}, 3^6, 2^3\})$	2801664
12	$\mathcal{O}(0; \{12, 6^3, 4^{15}, 2^8\})$	196608
12	$\mathcal{O}(0; \{12, 6^3, 4^{15}, 3^3, 2^4\})$	1376256
12	$\mathcal{O}(0; \{12, 6^3, 4^{15}, 3^6\})$	11206656
12	$\mathcal{O}(0; \{12, 6^3, 4^{17}, 2^5\})$	786432
12	$\mathcal{O}(0; \{12, 6^3, 4^{17}, 3^3, 2\})$	5505024
12	$\mathcal{O}(0; \{12, 6^3, 4^{19}, 2^2\})$	3145728
12	$\mathcal{O}(0; \{12, 6^4, 4, 3, 2^{26}\})$	44
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^4, 2^{22}\})$	340
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^7, 2^{18}\})$	2732
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^{10}, 2^{14}\})$	21844
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^{13}, 2^{10}\})$	174764
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^{16}, 2^6\})$	1398100
12	$\mathcal{O}(0; \{12, 6^4, 4, 3^{19}, 2^2\})$	11184812
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3, 2^{23}\})$	176
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^4, 2^{19}\})$	1360
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^7, 2^{15}\})$	10928
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^{10}, 2^{11}\})$	87376
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^{13}, 2^7\})$	699056
12	$\mathcal{O}(0; \{12, 6^4, 4^3, 3^{16}, 2^3\})$	5592400
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3, 2^{20}\})$	704
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^4, 2^{16}\})$	5440
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^7, 2^{12}\})$	43712
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^{10}, 2^8\})$	349504
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^{13}, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12, 6^4, 4^5, 3^{16}\})$	22369600
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3, 2^{17}\})$	2816
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^4, 2^{13}\})$	21760
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^7, 2^9\})$	174848
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^{10}, 2^5\})$	1398016
12	$\mathcal{O}(0; \{12, 6^4, 4^7, 3^{13}, 2\})$	11184896
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 3, 2^{14}\})$	11264
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 3^4, 2^{10}\})$	87040
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 3^7, 2^6\})$	699392

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^4, 4^9, 3^{10}, 2^2\})$	5592064
12	$\mathcal{O}(0; \{12, 6^4, 4^{11}, 3, 2^{11}\})$	45056
12	$\mathcal{O}(0; \{12, 6^4, 4^{11}, 3^4, 2^7\})$	348160
12	$\mathcal{O}(0; \{12, 6^4, 4^{11}, 3^7, 2^3\})$	2797568
12	$\mathcal{O}(0; \{12, 6^4, 4^{13}, 3, 2^8\})$	180224
12	$\mathcal{O}(0; \{12, 6^4, 4^{13}, 3^4, 2^4\})$	1392640
12	$\mathcal{O}(0; \{12, 6^4, 4^{13}, 3^7\})$	11190272
12	$\mathcal{O}(0; \{12, 6^4, 4^{15}, 3, 2^5\})$	720896
12	$\mathcal{O}(0; \{12, 6^4, 4^{15}, 3^4, 2\})$	5570560
12	$\mathcal{O}(0; \{12, 6^4, 4^{17}, 3, 2^2\})$	2883584
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^2, 2^{23}\})$	172
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^5, 2^{19}\})$	1364
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^8, 2^{15}\})$	10924
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^{11}, 2^{11}\})$	87380
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^{14}, 2^7\})$	699052
12	$\mathcal{O}(0; \{12, 6^5, 4, 3^{17}, 2^3\})$	5592404
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^2, 2^{20}\})$	688
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^5, 2^{16}\})$	5456
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^8, 2^{12}\})$	43696
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^{11}, 2^8\})$	349520
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^{14}, 2^4\})$	2796208
12	$\mathcal{O}(0; \{12, 6^5, 4^3, 3^{17}\})$	22369616
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^2, 2^{17}\})$	2752
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^5, 2^{13}\})$	21824
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^8, 2^9\})$	174784
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^{11}, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12, 6^5, 4^5, 3^{14}, 2\})$	11184832
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3^2, 2^{14}\})$	11008
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3^5, 2^{10}\})$	87296
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3^8, 2^6\})$	699136
12	$\mathcal{O}(0; \{12, 6^5, 4^7, 3^{11}, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12, 6^5, 4^9, 3^2, 2^{11}\})$	44032
12	$\mathcal{O}(0; \{12, 6^5, 4^9, 3^5, 2^7\})$	349184
12	$\mathcal{O}(0; \{12, 6^5, 4^9, 3^8, 2^3\})$	2796544
12	$\mathcal{O}(0; \{12, 6^5, 4^{11}, 3^2, 2^8\})$	176128
12	$\mathcal{O}(0; \{12, 6^5, 4^{11}, 3^5, 2^4\})$	1396736
12	$\mathcal{O}(0; \{12, 6^5, 4^{11}, 3^8\})$	11186176
12	$\mathcal{O}(0; \{12, 6^5, 4^{13}, 3^2, 2^5\})$	704512
12	$\mathcal{O}(0; \{12, 6^5, 4^{13}, 3^5, 2\})$	5586944
12	$\mathcal{O}(0; \{12, 6^5, 4^{15}, 3^2, 2^2\})$	2818048
12	$\mathcal{O}(0; \{12, 6^6, 4, 2^{24}\})$	84
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^3, 2^{20}\})$	684
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^6, 2^{16}\})$	5460

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^9, 2^{12}\})$	43692
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^{12}, 2^8\})$	349524
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^{15}, 2^4\})$	2796204
12	$\mathcal{O}(0; \{12, 6^6, 4, 3^{18}\})$	22369620
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 2^{21}\})$	336
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^3, 2^{17}\})$	2736
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^6, 2^{13}\})$	21840
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^9, 2^9\})$	174768
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^{12}, 2^5\})$	1398096
12	$\mathcal{O}(0; \{12, 6^6, 4^3, 3^{15}, 2\})$	11184816
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 2^{18}\})$	1344
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^3, 2^{14}\})$	10944
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^6, 2^{10}\})$	87360
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^9, 2^6\})$	699072
12	$\mathcal{O}(0; \{12, 6^6, 4^5, 3^{12}, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 2^{15}\})$	5376
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 3^3, 2^{11}\})$	43776
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 3^6, 2^7\})$	349440
12	$\mathcal{O}(0; \{12, 6^6, 4^7, 3^9, 2^3\})$	2796288
12	$\mathcal{O}(0; \{12, 6^6, 4^9, 2^{12}\})$	21504
12	$\mathcal{O}(0; \{12, 6^6, 4^9, 3^3, 2^8\})$	175104
12	$\mathcal{O}(0; \{12, 6^6, 4^9, 3^6, 2^4\})$	1397760
12	$\mathcal{O}(0; \{12, 6^6, 4^9, 3^9\})$	11185152
12	$\mathcal{O}(0; \{12, 6^6, 4^{11}, 2^9\})$	86016
12	$\mathcal{O}(0; \{12, 6^6, 4^{11}, 3^3, 2^5\})$	700416
12	$\mathcal{O}(0; \{12, 6^6, 4^{11}, 3^6, 2\})$	5591040
12	$\mathcal{O}(0; \{12, 6^6, 4^{13}, 2^6\})$	344064
12	$\mathcal{O}(0; \{12, 6^6, 4^{13}, 3^3, 2^2\})$	2801664
12	$\mathcal{O}(0; \{12, 6^6, 4^{15}, 2^3\})$	1376256
12	$\mathcal{O}(0; \{12, 6^6, 4^{17}\})$	5505024
12	$\mathcal{O}(0; \{12, 6^7, 4, 3, 2^{21}\})$	340
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^4, 2^{17}\})$	2732
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^7, 2^{13}\})$	21844
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^{10}, 2^9\})$	174764
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^{13}, 2^5\})$	1398100
12	$\mathcal{O}(0; \{12, 6^7, 4, 3^{16}, 2\})$	11184812
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3, 2^{18}\})$	1360
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^4, 2^{14}\})$	10928
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^7, 2^{10}\})$	87376
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^{10}, 2^6\})$	699056
12	$\mathcal{O}(0; \{12, 6^7, 4^3, 3^{13}, 2^2\})$	5592400
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3, 2^{15}\})$	5440
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3^4, 2^{11}\})$	43712

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3^7, 2^7\})$	349504
12	$\mathcal{O}(0; \{12, 6^7, 4^5, 3^{10}, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12, 6^7, 4^7, 3, 2^{12}\})$	21760
12	$\mathcal{O}(0; \{12, 6^7, 4^7, 3^4, 2^8\})$	174848
12	$\mathcal{O}(0; \{12, 6^7, 4^7, 3^7, 2^4\})$	1398016
12	$\mathcal{O}(0; \{12, 6^7, 4^7, 3^{10}\})$	11184896
12	$\mathcal{O}(0; \{12, 6^7, 4^9, 3, 2^9\})$	87040
12	$\mathcal{O}(0; \{12, 6^7, 4^9, 3^4, 2^5\})$	699392
12	$\mathcal{O}(0; \{12, 6^7, 4^9, 3^7, 2\})$	5592064
12	$\mathcal{O}(0; \{12, 6^7, 4^{11}, 3, 2^6\})$	348160
12	$\mathcal{O}(0; \{12, 6^7, 4^{11}, 3^4, 2^2\})$	2797568
12	$\mathcal{O}(0; \{12, 6^7, 4^{13}, 3, 2^3\})$	1392640
12	$\mathcal{O}(0; \{12, 6^7, 4^{15}, 3\})$	5570560
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^2, 2^{18}\})$	1364
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^5, 2^{14}\})$	10924
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^8, 2^{10}\})$	87380
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^{11}, 2^6\})$	699052
12	$\mathcal{O}(0; \{12, 6^8, 4, 3^{14}, 2^2\})$	5592404
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^2, 2^{15}\})$	5456
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^5, 2^{11}\})$	43696
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^8, 2^7\})$	349520
12	$\mathcal{O}(0; \{12, 6^8, 4^3, 3^{11}, 2^3\})$	2796208
12	$\mathcal{O}(0; \{12, 6^8, 4^5, 3^2, 2^{12}\})$	21824
12	$\mathcal{O}(0; \{12, 6^8, 4^5, 3^5, 2^8\})$	174784
12	$\mathcal{O}(0; \{12, 6^8, 4^5, 3^8, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12, 6^8, 4^5, 3^{11}\})$	11184832
12	$\mathcal{O}(0; \{12, 6^8, 4^7, 3^2, 2^9\})$	87296
12	$\mathcal{O}(0; \{12, 6^8, 4^7, 3^5, 2^5\})$	699136
12	$\mathcal{O}(0; \{12, 6^8, 4^7, 3^8, 2\})$	5592320
12	$\mathcal{O}(0; \{12, 6^8, 4^9, 3^2, 2^6\})$	349184
12	$\mathcal{O}(0; \{12, 6^8, 4^9, 3^5, 2^2\})$	2796544
12	$\mathcal{O}(0; \{12, 6^8, 4^{11}, 3^2, 2^3\})$	1396736
12	$\mathcal{O}(0; \{12, 6^8, 4^{13}, 3^2\})$	5586944
12	$\mathcal{O}(0; \{12, 6^9, 4, 2^{19}\})$	684
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^3, 2^{15}\})$	5460
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^6, 2^{11}\})$	43692
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^9, 2^7\})$	349524
12	$\mathcal{O}(0; \{12, 6^9, 4, 3^{12}, 2^3\})$	2796204
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 2^{16}\})$	2736
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 3^3, 2^{12}\})$	21840
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 3^6, 2^8\})$	174768
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 3^9, 2^4\})$	1398096
12	$\mathcal{O}(0; \{12, 6^9, 4^3, 3^{12}\})$	11184816

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^9, 4^5, 2^{13}\})$	10944
12	$\mathcal{O}(0; \{12, 6^9, 4^5, 3^3, 2^9\})$	87360
12	$\mathcal{O}(0; \{12, 6^9, 4^5, 3^6, 2^5\})$	699072
12	$\mathcal{O}(0; \{12, 6^9, 4^5, 3^9, 2\})$	5592384
12	$\mathcal{O}(0; \{12, 6^9, 4^7, 2^{10}\})$	43776
12	$\mathcal{O}(0; \{12, 6^9, 4^7, 3^3, 2^6\})$	349440
12	$\mathcal{O}(0; \{12, 6^9, 4^7, 3^6, 2^2\})$	2796288
12	$\mathcal{O}(0; \{12, 6^9, 4^9, 2^7\})$	175104
12	$\mathcal{O}(0; \{12, 6^9, 4^9, 3^3, 2^3\})$	1397760
12	$\mathcal{O}(0; \{12, 6^9, 4^{11}, 2^4\})$	700416
12	$\mathcal{O}(0; \{12, 6^9, 4^{11}, 3^3\})$	5591040
12	$\mathcal{O}(0; \{12, 6^9, 4^{13}, 2\})$	2801664
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3, 2^{16}\})$	2732
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3^4, 2^{12}\})$	21844
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3^7, 2^8\})$	174764
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3^{10}, 2^4\})$	1398100
12	$\mathcal{O}(0; \{12, 6^{10}, 4, 3^{13}\})$	11184812
12	$\mathcal{O}(0; \{12, 6^{10}, 4^3, 3, 2^{13}\})$	10928
12	$\mathcal{O}(0; \{12, 6^{10}, 4^3, 3^4, 2^9\})$	87376
12	$\mathcal{O}(0; \{12, 6^{10}, 4^3, 3^7, 2^5\})$	699056
12	$\mathcal{O}(0; \{12, 6^{10}, 4^3, 3^{10}, 2\})$	5592400
12	$\mathcal{O}(0; \{12, 6^{10}, 4^5, 3, 2^{10}\})$	43712
12	$\mathcal{O}(0; \{12, 6^{10}, 4^5, 3^4, 2^6\})$	349504
12	$\mathcal{O}(0; \{12, 6^{10}, 4^5, 3^7, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12, 6^{10}, 4^7, 3, 2^7\})$	174848
12	$\mathcal{O}(0; \{12, 6^{10}, 4^7, 3^4, 2^3\})$	1398016
12	$\mathcal{O}(0; \{12, 6^{10}, 4^9, 3, 2^4\})$	699392
12	$\mathcal{O}(0; \{12, 6^{10}, 4^9, 3^4\})$	5592064
12	$\mathcal{O}(0; \{12, 6^{10}, 4^{11}, 3, 2\})$	2797568
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 3^2, 2^{13}\})$	10924
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 3^5, 2^9\})$	87380
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 3^8, 2^5\})$	699052
12	$\mathcal{O}(0; \{12, 6^{11}, 4, 3^{11}, 2\})$	5592404
12	$\mathcal{O}(0; \{12, 6^{11}, 4^3, 3^2, 2^{10}\})$	43696
12	$\mathcal{O}(0; \{12, 6^{11}, 4^3, 3^5, 2^6\})$	349520
12	$\mathcal{O}(0; \{12, 6^{11}, 4^3, 3^8, 2^2\})$	2796208
12	$\mathcal{O}(0; \{12, 6^{11}, 4^5, 3^2, 2^7\})$	174784
12	$\mathcal{O}(0; \{12, 6^{11}, 4^5, 3^5, 2^3\})$	1398080
12	$\mathcal{O}(0; \{12, 6^{11}, 4^7, 3^2, 2^4\})$	699136
12	$\mathcal{O}(0; \{12, 6^{11}, 4^7, 3^5\})$	5592320
12	$\mathcal{O}(0; \{12, 6^{11}, 4^9, 3^2, 2\})$	2796544
12	$\mathcal{O}(0; \{12, 6^{12}, 4, 2^{14}\})$	5460
12	$\mathcal{O}(0; \{12, 6^{12}, 4, 3^3, 2^{10}\})$	43692

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12, 6^{12}, 4, 3^6, 2^6\})$	349524
12	$\mathcal{O}(0; \{12, 6^{12}, 4, 3^9, 2^2\})$	2796204
12	$\mathcal{O}(0; \{12, 6^{12}, 4^3, 2^{11}\})$	21840
12	$\mathcal{O}(0; \{12, 6^{12}, 4^3, 3^3, 2^7\})$	174768
12	$\mathcal{O}(0; \{12, 6^{12}, 4^3, 3^6, 2^3\})$	1398096
12	$\mathcal{O}(0; \{12, 6^{12}, 4^5, 2^8\})$	87360
12	$\mathcal{O}(0; \{12, 6^{12}, 4^5, 3^3, 2^4\})$	699072
12	$\mathcal{O}(0; \{12, 6^{12}, 4^5, 3^6\})$	5592384
12	$\mathcal{O}(0; \{12, 6^{12}, 4^7, 2^5\})$	349440
12	$\mathcal{O}(0; \{12, 6^{12}, 4^7, 3^3, 2\})$	2796288
12	$\mathcal{O}(0; \{12, 6^{12}, 4^9, 2^2\})$	1397760
12	$\mathcal{O}(0; \{12, 6^{13}, 4, 3, 2^{11}\})$	21844
12	$\mathcal{O}(0; \{12, 6^{13}, 4, 3^4, 2^7\})$	174764
12	$\mathcal{O}(0; \{12, 6^{13}, 4, 3^7, 2^3\})$	1398100
12	$\mathcal{O}(0; \{12, 6^{13}, 4^3, 3, 2^8\})$	87376
12	$\mathcal{O}(0; \{12, 6^{13}, 4^3, 3^4, 2^4\})$	699056
12	$\mathcal{O}(0; \{12, 6^{13}, 4^3, 3^7\})$	5592400
12	$\mathcal{O}(0; \{12, 6^{13}, 4^5, 3, 2^5\})$	349504
12	$\mathcal{O}(0; \{12, 6^{13}, 4^5, 3^4, 2\})$	2796224
12	$\mathcal{O}(0; \{12, 6^{13}, 4^7, 3, 2^2\})$	1398016
12	$\mathcal{O}(0; \{12, 6^{14}, 4, 3^2, 2^8\})$	87380
12	$\mathcal{O}(0; \{12, 6^{14}, 4, 3^5, 2^4\})$	699052
12	$\mathcal{O}(0; \{12, 6^{14}, 4, 3^8\})$	5592404
12	$\mathcal{O}(0; \{12, 6^{14}, 4^3, 3^2, 2^5\})$	349520
12	$\mathcal{O}(0; \{12, 6^{14}, 4^3, 3^5, 2\})$	2796208
12	$\mathcal{O}(0; \{12, 6^{14}, 4^5, 3^2, 2^2\})$	1398080
12	$\mathcal{O}(0; \{12, 6^{15}, 4, 2^9\})$	43692
12	$\mathcal{O}(0; \{12, 6^{15}, 4, 3^3, 2^5\})$	349524
12	$\mathcal{O}(0; \{12, 6^{15}, 4, 3^6, 2\})$	2796204
12	$\mathcal{O}(0; \{12, 6^{15}, 4^3, 2^6\})$	174768
12	$\mathcal{O}(0; \{12, 6^{15}, 4^3, 3^3, 2^2\})$	1398096
12	$\mathcal{O}(0; \{12, 6^{15}, 4^5, 2^3\})$	699072
12	$\mathcal{O}(0; \{12, 6^{15}, 4^7\})$	2796288
12	$\mathcal{O}(0; \{12, 6^{16}, 4, 3, 2^6\})$	174764
12	$\mathcal{O}(0; \{12, 6^{16}, 4, 3^4, 2^2\})$	1398100
12	$\mathcal{O}(0; \{12, 6^{16}, 4^3, 3, 2^3\})$	699056
12	$\mathcal{O}(0; \{12, 6^{16}, 4^5, 3\})$	2796224
12	$\mathcal{O}(0; \{12, 6^{17}, 4, 3^2, 2^3\})$	699052
12	$\mathcal{O}(0; \{12, 6^{17}, 4^3, 3^2\})$	2796208
12	$\mathcal{O}(0; \{12, 6^{18}, 4, 2^4\})$	349524
12	$\mathcal{O}(0; \{12, 6^{18}, 4, 3^3\})$	2796204
12	$\mathcal{O}(0; \{12, 6^{18}, 4^3, 2\})$	1398096
12	$\mathcal{O}(0; \{12, 6^{19}, 4, 3, 2\})$	1398100

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 3^2, 2^{31}\})$	12
12	$\mathcal{O}(0; \{12^2, 3^5, 2^{27}\})$	84
12	$\mathcal{O}(0; \{12^2, 3^8, 2^{23}\})$	684
12	$\mathcal{O}(0; \{12^2, 3^{11}, 2^{19}\})$	5460
12	$\mathcal{O}(0; \{12^2, 3^{14}, 2^{15}\})$	43692
12	$\mathcal{O}(0; \{12^2, 3^{17}, 2^{11}\})$	349524
12	$\mathcal{O}(0; \{12^2, 3^{20}, 2^7\})$	2796204
12	$\mathcal{O}(0; \{12^2, 3^{23}, 2^3\})$	22369620
12	$\mathcal{O}(0; \{12^2, 4^2, 3^2, 2^{28}\})$	48
12	$\mathcal{O}(0; \{12^2, 4^2, 3^5, 2^{24}\})$	336
12	$\mathcal{O}(0; \{12^2, 4^2, 3^8, 2^{20}\})$	2736
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{11}, 2^{16}\})$	21840
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{14}, 2^{12}\})$	174768
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{17}, 2^8\})$	1398096
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{20}, 2^4\})$	11184816
12	$\mathcal{O}(0; \{12^2, 4^2, 3^{23}\})$	89478480
12	$\mathcal{O}(0; \{12^2, 4^4, 3^2, 2^{25}\})$	192
12	$\mathcal{O}(0; \{12^2, 4^4, 3^5, 2^{21}\})$	1344
12	$\mathcal{O}(0; \{12^2, 4^4, 3^8, 2^{17}\})$	10944
12	$\mathcal{O}(0; \{12^2, 4^4, 3^{11}, 2^{13}\})$	87360
12	$\mathcal{O}(0; \{12^2, 4^4, 3^{14}, 2^9\})$	699072
12	$\mathcal{O}(0; \{12^2, 4^4, 3^{17}, 2^5\})$	5592384
12	$\mathcal{O}(0; \{12^2, 4^4, 3^{20}, 2\})$	44739264
12	$\mathcal{O}(0; \{12^2, 4^6, 3^2, 2^{22}\})$	768
12	$\mathcal{O}(0; \{12^2, 4^6, 3^5, 2^{18}\})$	5376
12	$\mathcal{O}(0; \{12^2, 4^6, 3^8, 2^{14}\})$	43776
12	$\mathcal{O}(0; \{12^2, 4^6, 3^{11}, 2^{10}\})$	349440
12	$\mathcal{O}(0; \{12^2, 4^6, 3^{14}, 2^6\})$	2796288
12	$\mathcal{O}(0; \{12^2, 4^6, 3^{17}, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^2, 4^8, 3^2, 2^{19}\})$	3072
12	$\mathcal{O}(0; \{12^2, 4^8, 3^5, 2^{15}\})$	21504
12	$\mathcal{O}(0; \{12^2, 4^8, 3^8, 2^{11}\})$	175104
12	$\mathcal{O}(0; \{12^2, 4^8, 3^{11}, 2^7\})$	1397760
12	$\mathcal{O}(0; \{12^2, 4^8, 3^{14}, 2^3\})$	11185152
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^2, 2^{16}\})$	12288
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^5, 2^{12}\})$	86016
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^8, 2^8\})$	700416
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^{11}, 2^4\})$	5591040
12	$\mathcal{O}(0; \{12^2, 4^{10}, 3^{14}\})$	44740608
12	$\mathcal{O}(0; \{12^2, 4^{12}, 3^2, 2^{13}\})$	49152
12	$\mathcal{O}(0; \{12^2, 4^{12}, 3^5, 2^9\})$	344064
12	$\mathcal{O}(0; \{12^2, 4^{12}, 3^8, 2^5\})$	2801664
12	$\mathcal{O}(0; \{12^2, 4^{12}, 3^{11}, 2\})$	22364160

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 4^{14}, 3^2, 2^{10}\})$	196608
12	$\mathcal{O}(0; \{12^2, 4^{14}, 3^5, 2^6\})$	1376256
12	$\mathcal{O}(0; \{12^2, 4^{14}, 3^8, 2^2\})$	11206656
12	$\mathcal{O}(0; \{12^2, 4^{16}, 3^2, 2^7\})$	786432
12	$\mathcal{O}(0; \{12^2, 4^{16}, 3^5, 2^3\})$	5505024
12	$\mathcal{O}(0; \{12^2, 4^{18}, 3^2, 2^4\})$	3145728
12	$\mathcal{O}(0; \{12^2, 4^{18}, 3^5\})$	22020096
12	$\mathcal{O}(0; \{12^2, 4^{20}, 3^2, 2\})$	12582912
12	$\mathcal{O}(0; \{12^2, 6, 2^{32}\})$	4
12	$\mathcal{O}(0; \{12^2, 6, 3^3, 2^{28}\})$	44
12	$\mathcal{O}(0; \{12^2, 6, 3^6, 2^{24}\})$	340
12	$\mathcal{O}(0; \{12^2, 6, 3^9, 2^{20}\})$	2732
12	$\mathcal{O}(0; \{12^2, 6, 3^{12}, 2^{16}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6, 3^{15}, 2^{12}\})$	174764
12	$\mathcal{O}(0; \{12^2, 6, 3^{18}, 2^8\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6, 3^{21}, 2^4\})$	11184812
12	$\mathcal{O}(0; \{12^2, 6, 3^{24}\})$	89478484
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 2^{29}\})$	16
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^3, 2^{25}\})$	176
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^6, 2^{21}\})$	1360
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^9, 2^{17}\})$	10928
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{12}, 2^{13}\})$	87376
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{15}, 2^9\})$	699056
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{18}, 2^5\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6, 4^2, 3^{21}, 2\})$	44739248
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 2^{26}\})$	64
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^3, 2^{22}\})$	704
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^6, 2^{18}\})$	5440
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^9, 2^{14}\})$	43712
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^{12}, 2^{10}\})$	349504
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^{15}, 2^6\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6, 4^4, 3^{18}, 2^2\})$	22369600
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 2^{23}\})$	256
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^3, 2^{19}\})$	2816
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^6, 2^{15}\})$	21760
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^9, 2^{11}\})$	174848
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^{12}, 2^7\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6, 4^6, 3^{15}, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 2^{20}\})$	1024
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^3, 2^{16}\})$	11264
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^6, 2^{12}\})$	87040
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^9, 2^8\})$	699392
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^{12}, 2^4\})$	5592064

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6, 4^8, 3^{15}\})$	44739584
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 2^{17}\})$	4096
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3^3, 2^{13}\})$	45056
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3^6, 2^9\})$	348160
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3^9, 2^5\})$	2797568
12	$\mathcal{O}(0; \{12^2, 6, 4^{10}, 3^{12}, 2\})$	22368256
12	$\mathcal{O}(0; \{12^2, 6, 4^{12}, 2^{14}\})$	16384
12	$\mathcal{O}(0; \{12^2, 6, 4^{12}, 3^3, 2^{10}\})$	180224
12	$\mathcal{O}(0; \{12^2, 6, 4^{12}, 3^6, 2^6\})$	1392640
12	$\mathcal{O}(0; \{12^2, 6, 4^{12}, 3^9, 2^2\})$	11190272
12	$\mathcal{O}(0; \{12^2, 6, 4^{14}, 2^{11}\})$	65536
12	$\mathcal{O}(0; \{12^2, 6, 4^{14}, 3^3, 2^7\})$	720896
12	$\mathcal{O}(0; \{12^2, 6, 4^{14}, 3^6, 2^3\})$	5570560
12	$\mathcal{O}(0; \{12^2, 6, 4^{16}, 2^8\})$	262144
12	$\mathcal{O}(0; \{12^2, 6, 4^{16}, 3^3, 2^4\})$	2883584
12	$\mathcal{O}(0; \{12^2, 6, 4^{16}, 3^6\})$	22282240
12	$\mathcal{O}(0; \{12^2, 6, 4^{18}, 2^5\})$	1048576
12	$\mathcal{O}(0; \{12^2, 6, 4^{18}, 3^3, 2\})$	11534336
12	$\mathcal{O}(0; \{12^2, 6, 4^{20}, 2^2\})$	4194304
12	$\mathcal{O}(0; \{12^2, 6^2, 3, 2^{29}\})$	20
12	$\mathcal{O}(0; \{12^2, 6^2, 3^4, 2^{25}\})$	172
12	$\mathcal{O}(0; \{12^2, 6^2, 3^7, 2^{21}\})$	1364
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{10}, 2^{17}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{13}, 2^{13}\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{16}, 2^9\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{19}, 2^5\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^2, 3^{22}, 2\})$	44739244
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3, 2^{26}\})$	80
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^4, 2^{22}\})$	688
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^7, 2^{18}\})$	5456
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^{10}, 2^{14}\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^{13}, 2^{10}\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^{16}, 2^6\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^2, 4^2, 3^{19}, 2^2\})$	22369616
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3, 2^{23}\})$	320
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^4, 2^{19}\})$	2752
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^7, 2^{15}\})$	21824
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^{10}, 2^{11}\})$	174784
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^{13}, 2^7\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^2, 4^4, 3^{16}, 2^3\})$	11184832
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3, 2^{20}\})$	1280
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^4, 2^{16}\})$	11008
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^7, 2^{12}\})$	87296

Continued on next page

Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^{10}, 2^8\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^{13}, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^2, 6^2, 4^6, 3^{16}\})$	44739328
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3, 2^{17}\})$	5120
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^4, 2^{13}\})$	44032
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^7, 2^9\})$	349184
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^{10}, 2^5\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6^2, 4^8, 3^{13}, 2\})$	22369280
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 3, 2^{14}\})$	20480
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 3^4, 2^{10}\})$	176128
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 3^7, 2^6\})$	1396736
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{10}, 3^{10}, 2^2\})$	11186176
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{12}, 3, 2^{11}\})$	81920
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{12}, 3^4, 2^7\})$	704512
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{12}, 3^7, 2^3\})$	5586944
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{14}, 3, 2^8\})$	327680
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{14}, 3^4, 2^4\})$	2818048
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{14}, 3^7\})$	22347776
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{16}, 3, 2^5\})$	1310720
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{16}, 3^4, 2\})$	11272192
12	$\mathcal{O}(0; \{12^2, 6^2, 4^{18}, 3, 2^2\})$	5242880
12	$\mathcal{O}(0; \{12^2, 6^3, 3^2, 2^{26}\})$	84
12	$\mathcal{O}(0; \{12^2, 6^3, 3^5, 2^{22}\})$	684
12	$\mathcal{O}(0; \{12^2, 6^3, 3^8, 2^{18}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{11}, 2^{14}\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{14}, 2^{10}\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{17}, 2^6\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^3, 3^{20}, 2^2\})$	22369620
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^2, 2^{23}\})$	336
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^5, 2^{19}\})$	2736
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^8, 2^{15}\})$	21840
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^{11}, 2^{11}\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^{14}, 2^7\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^3, 4^2, 3^{17}, 2^3\})$	11184816
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^2, 2^{20}\})$	1344
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^5, 2^{16}\})$	10944
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^8, 2^{12}\})$	87360
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^{11}, 2^8\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^{14}, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^2, 6^3, 4^4, 3^{17}\})$	44739264
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^2, 2^{17}\})$	5376
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^5, 2^{13}\})$	43776
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^8, 2^9\})$	349440

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^{11}, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^3, 4^6, 3^{14}, 2\})$	22369536
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3^2, 2^{14}\})$	21504
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3^5, 2^{10}\})$	175104
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3^8, 2^6\})$	1397760
12	$\mathcal{O}(0; \{12^2, 6^3, 4^8, 3^{11}, 2^2\})$	11185152
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{10}, 3^2, 2^{11}\})$	86016
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{10}, 3^5, 2^7\})$	700416
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{10}, 3^8, 2^3\})$	5591040
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{12}, 3^2, 2^8\})$	344064
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{12}, 3^5, 2^4\})$	2801664
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{12}, 3^8\})$	22364160
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{14}, 3^2, 2^5\})$	1376256
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{14}, 3^5, 2\})$	11206656
12	$\mathcal{O}(0; \{12^2, 6^3, 4^{16}, 3^2, 2^2\})$	5505024
12	$\mathcal{O}(0; \{12^2, 6^4, 2^{27}\})$	44
12	$\mathcal{O}(0; \{12^2, 6^4, 3^3, 2^{23}\})$	340
12	$\mathcal{O}(0; \{12^2, 6^4, 3^6, 2^{19}\})$	2732
12	$\mathcal{O}(0; \{12^2, 6^4, 3^9, 2^{15}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^4, 3^{12}, 2^{11}\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^4, 3^{15}, 2^7\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^4, 3^{18}, 2^3\})$	11184812
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 2^{24}\})$	176
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^3, 2^{20}\})$	1360
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^6, 2^{16}\})$	10928
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^9, 2^{12}\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^{12}, 2^8\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^{15}, 2^4\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6^4, 4^2, 3^{18}\})$	44739248
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 2^{21}\})$	704
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^3, 2^{17}\})$	5440
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^6, 2^{13}\})$	43712
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^9, 2^9\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^{12}, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^4, 4^4, 3^{15}, 2\})$	22369600
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 2^{18}\})$	2816
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^3, 2^{14}\})$	21760
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^6, 2^{10}\})$	174848
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^9, 2^6\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^4, 4^6, 3^{12}, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 2^{15}\})$	11264
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 3^3, 2^{11}\})$	87040
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 3^6, 2^7\})$	699392

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^4, 4^8, 3^9, 2^3\})$	5592064
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{10}, 2^{12}\})$	45056
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{10}, 3^3, 2^8\})$	348160
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{10}, 3^6, 2^4\})$	2797568
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{10}, 3^9\})$	22368256
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{12}, 2^9\})$	180224
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{12}, 3^3, 2^5\})$	1392640
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{12}, 3^6, 2\})$	11190272
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{14}, 2^6\})$	720896
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{14}, 3^3, 2^2\})$	5570560
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{16}, 2^3\})$	2883584
12	$\mathcal{O}(0; \{12^2, 6^4, 4^{18}\})$	11534336
12	$\mathcal{O}(0; \{12^2, 6^5, 3, 2^{24}\})$	172
12	$\mathcal{O}(0; \{12^2, 6^5, 3^4, 2^{20}\})$	1364
12	$\mathcal{O}(0; \{12^2, 6^5, 3^7, 2^{16}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6^5, 3^{10}, 2^{12}\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^5, 3^{13}, 2^8\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^5, 3^{16}, 2^4\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^5, 3^{19}\})$	44739244
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3, 2^{21}\})$	688
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^4, 2^{17}\})$	5456
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^7, 2^{13}\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^{10}, 2^9\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^{13}, 2^5\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^5, 4^2, 3^{16}, 2\})$	22369616
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3, 2^{18}\})$	2752
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^4, 2^{14}\})$	21824
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^7, 2^{10}\})$	174784
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^{10}, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^5, 4^4, 3^{13}, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3, 2^{15}\})$	11008
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3^4, 2^{11}\})$	87296
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3^7, 2^7\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^5, 4^6, 3^{10}, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^2, 6^5, 4^8, 3, 2^{12}\})$	44032
12	$\mathcal{O}(0; \{12^2, 6^5, 4^8, 3^4, 2^8\})$	349184
12	$\mathcal{O}(0; \{12^2, 6^5, 4^8, 3^7, 2^4\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6^5, 4^8, 3^{10}\})$	22369280
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{10}, 3, 2^9\})$	176128
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{10}, 3^4, 2^5\})$	1396736
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{10}, 3^7, 2\})$	11186176
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{12}, 3, 2^6\})$	704512
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{12}, 3^4, 2^2\})$	5586944

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{14}, 3, 2^3\})$	2818048
12	$\mathcal{O}(0; \{12^2, 6^5, 4^{16}, 3\})$	11272192
12	$\mathcal{O}(0; \{12^2, 6^6, 3^2, 2^{21}\})$	684
12	$\mathcal{O}(0; \{12^2, 6^6, 3^5, 2^{17}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6^6, 3^8, 2^{13}\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^6, 3^{11}, 2^9\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^6, 3^{14}, 2^5\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^6, 3^{17}, 2\})$	22369620
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^2, 2^{18}\})$	2736
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^5, 2^{14}\})$	21840
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^8, 2^{10}\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^{11}, 2^6\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^6, 4^2, 3^{14}, 2^2\})$	11184816
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^2, 2^{15}\})$	10944
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^5, 2^{11}\})$	87360
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^8, 2^7\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^6, 4^4, 3^{11}, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^2, 6^6, 4^6, 3^2, 2^{12}\})$	43776
12	$\mathcal{O}(0; \{12^2, 6^6, 4^6, 3^5, 2^8\})$	349440
12	$\mathcal{O}(0; \{12^2, 6^6, 4^6, 3^8, 2^4\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^6, 4^6, 3^{11}\})$	22369536
12	$\mathcal{O}(0; \{12^2, 6^6, 4^8, 3^2, 2^9\})$	175104
12	$\mathcal{O}(0; \{12^2, 6^6, 4^8, 3^5, 2^5\})$	1397760
12	$\mathcal{O}(0; \{12^2, 6^6, 4^8, 3^8, 2\})$	11185152
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{10}, 3^2, 2^6\})$	700416
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{10}, 3^5, 2^2\})$	5591040
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{12}, 3^2, 2^3\})$	2801664
12	$\mathcal{O}(0; \{12^2, 6^6, 4^{14}, 3^2\})$	11206656
12	$\mathcal{O}(0; \{12^2, 6^7, 2^{22}\})$	340
12	$\mathcal{O}(0; \{12^2, 6^7, 3^3, 2^{18}\})$	2732
12	$\mathcal{O}(0; \{12^2, 6^7, 3^6, 2^{14}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^7, 3^9, 2^{10}\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^7, 3^{12}, 2^6\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^7, 3^{15}, 2^2\})$	11184812
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 2^{19}\})$	1360
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^3, 2^{15}\})$	10928
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^6, 2^{11}\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^9, 2^7\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^7, 4^2, 3^{12}, 2^3\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 2^{16}\})$	5440
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 3^3, 2^{12}\})$	43712
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 3^6, 2^8\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 3^9, 2^4\})$	2796224

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^7, 4^4, 3^{12}\})$	22369600
12	$\mathcal{O}(0; \{12^2, 6^7, 4^6, 2^{13}\})$	21760
12	$\mathcal{O}(0; \{12^2, 6^7, 4^6, 3^3, 2^9\})$	174848
12	$\mathcal{O}(0; \{12^2, 6^7, 4^6, 3^6, 2^5\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^7, 4^6, 3^9, 2\})$	11184896
12	$\mathcal{O}(0; \{12^2, 6^7, 4^8, 2^{10}\})$	87040
12	$\mathcal{O}(0; \{12^2, 6^7, 4^8, 3^3, 2^6\})$	699392
12	$\mathcal{O}(0; \{12^2, 6^7, 4^8, 3^6, 2^2\})$	5592064
12	$\mathcal{O}(0; \{12^2, 6^7, 4^{10}, 2^7\})$	348160
12	$\mathcal{O}(0; \{12^2, 6^7, 4^{10}, 3^3, 2^3\})$	2797568
12	$\mathcal{O}(0; \{12^2, 6^7, 4^{12}, 2^4\})$	1392640
12	$\mathcal{O}(0; \{12^2, 6^7, 4^{12}, 3^3\})$	11190272
12	$\mathcal{O}(0; \{12^2, 6^7, 4^{14}, 2\})$	5570560
12	$\mathcal{O}(0; \{12^2, 6^8, 3, 2^{19}\})$	1364
12	$\mathcal{O}(0; \{12^2, 6^8, 3^4, 2^{15}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6^8, 3^7, 2^{11}\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^8, 3^{10}, 2^7\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^8, 3^{13}, 2^3\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3, 2^{16}\})$	5456
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3^4, 2^{12}\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3^7, 2^8\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3^{10}, 2^4\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^8, 4^2, 3^{13}\})$	22369616
12	$\mathcal{O}(0; \{12^2, 6^8, 4^4, 3, 2^{13}\})$	21824
12	$\mathcal{O}(0; \{12^2, 6^8, 4^4, 3^4, 2^9\})$	174784
12	$\mathcal{O}(0; \{12^2, 6^8, 4^4, 3^7, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^8, 4^4, 3^{10}, 2\})$	11184832
12	$\mathcal{O}(0; \{12^2, 6^8, 4^6, 3, 2^{10}\})$	87296
12	$\mathcal{O}(0; \{12^2, 6^8, 4^6, 3^4, 2^6\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^8, 4^6, 3^7, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12^2, 6^8, 4^8, 3, 2^7\})$	349184
12	$\mathcal{O}(0; \{12^2, 6^8, 4^8, 3^4, 2^3\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6^8, 4^{10}, 3, 2^4\})$	1396736
12	$\mathcal{O}(0; \{12^2, 6^8, 4^{10}, 3^4\})$	11186176
12	$\mathcal{O}(0; \{12^2, 6^8, 4^{12}, 3, 2\})$	5586944
12	$\mathcal{O}(0; \{12^2, 6^9, 3^2, 2^{16}\})$	5460
12	$\mathcal{O}(0; \{12^2, 6^9, 3^5, 2^{12}\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^9, 3^8, 2^8\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^9, 3^{11}, 2^4\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^9, 3^{14}\})$	22369620
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 3^2, 2^{13}\})$	21840
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 3^5, 2^9\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 3^8, 2^5\})$	1398096

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^9, 4^2, 3^{11}, 2\})$	11184816
12	$\mathcal{O}(0; \{12^2, 6^9, 4^4, 3^2, 2^{10}\})$	87360
12	$\mathcal{O}(0; \{12^2, 6^9, 4^4, 3^5, 2^6\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^9, 4^4, 3^8, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^2, 6^9, 4^6, 3^2, 2^7\})$	349440
12	$\mathcal{O}(0; \{12^2, 6^9, 4^6, 3^5, 2^3\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^9, 4^8, 3^2, 2^4\})$	1397760
12	$\mathcal{O}(0; \{12^2, 6^9, 4^8, 3^5\})$	11185152
12	$\mathcal{O}(0; \{12^2, 6^9, 4^{10}, 3^2, 2\})$	5591040
12	$\mathcal{O}(0; \{12^2, 6^{10}, 2^{17}\})$	2732
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3^3, 2^{13}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3^6, 2^9\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3^9, 2^5\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^{10}, 3^{12}, 2\})$	11184812
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^2, 2^{14}\})$	10928
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^2, 3^3, 2^{10}\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^2, 3^6, 2^6\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^2, 3^9, 2^2\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^4, 2^{11}\})$	43712
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^4, 3^3, 2^7\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^4, 3^6, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^6, 2^8\})$	174848
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^6, 3^3, 2^4\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^6, 3^6\})$	11184896
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^8, 2^5\})$	699392
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^8, 3^3, 2\})$	5592064
12	$\mathcal{O}(0; \{12^2, 6^{10}, 4^{10}, 2^2\})$	2797568
12	$\mathcal{O}(0; \{12^2, 6^{11}, 3, 2^{14}\})$	10924
12	$\mathcal{O}(0; \{12^2, 6^{11}, 3^4, 2^{10}\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^{11}, 3^7, 2^6\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^{11}, 3^{10}, 2^2\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^2, 3, 2^{11}\})$	43696
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^2, 3^4, 2^7\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^2, 3^7, 2^3\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^4, 3, 2^8\})$	174784
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^4, 3^4, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^4, 3^7\})$	11184832
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^6, 3, 2^5\})$	699136
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^6, 3^4, 2\})$	5592320
12	$\mathcal{O}(0; \{12^2, 6^{11}, 4^8, 3, 2^2\})$	2796544
12	$\mathcal{O}(0; \{12^2, 6^{12}, 3^2, 2^{11}\})$	43692
12	$\mathcal{O}(0; \{12^2, 6^{12}, 3^5, 2^7\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^{12}, 3^8, 2^3\})$	2796204

Continued on next page

Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^2, 3^2, 2^8\})$	174768
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^2, 3^5, 2^4\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^2, 3^8\})$	11184816
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^4, 3^2, 2^5\})$	699072
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^4, 3^5, 2\})$	5592384
12	$\mathcal{O}(0; \{12^2, 6^{12}, 4^6, 3^2, 2^2\})$	2796288
12	$\mathcal{O}(0; \{12^2, 6^{13}, 2^{12}\})$	21844
12	$\mathcal{O}(0; \{12^2, 6^{13}, 3^3, 2^8\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^{13}, 3^6, 2^4\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^{13}, 3^9\})$	11184812
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^2, 2^9\})$	87376
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^2, 3^3, 2^5\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^2, 3^6, 2\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^4, 2^6\})$	349504
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^4, 3^3, 2^2\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^6, 2^3\})$	1398016
12	$\mathcal{O}(0; \{12^2, 6^{13}, 4^8\})$	5592064
12	$\mathcal{O}(0; \{12^2, 6^{14}, 3, 2^9\})$	87380
12	$\mathcal{O}(0; \{12^2, 6^{14}, 3^4, 2^5\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^{14}, 3^7, 2\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^{14}, 4^2, 3, 2^6\})$	349520
12	$\mathcal{O}(0; \{12^2, 6^{14}, 4^2, 3^4, 2^2\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^{14}, 4^4, 3, 2^3\})$	1398080
12	$\mathcal{O}(0; \{12^2, 6^{14}, 4^6, 3\})$	5592320
12	$\mathcal{O}(0; \{12^2, 6^{15}, 3^2, 2^6\})$	349524
12	$\mathcal{O}(0; \{12^2, 6^{15}, 3^5, 2^2\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^{15}, 4^2, 3^2, 2^3\})$	1398096
12	$\mathcal{O}(0; \{12^2, 6^{15}, 4^4, 3^2\})$	5592384
12	$\mathcal{O}(0; \{12^2, 6^{16}, 2^7\})$	174764
12	$\mathcal{O}(0; \{12^2, 6^{16}, 3^3, 2^3\})$	1398100
12	$\mathcal{O}(0; \{12^2, 6^{16}, 4^2, 2^4\})$	699056
12	$\mathcal{O}(0; \{12^2, 6^{16}, 4^2, 3^3\})$	5592400
12	$\mathcal{O}(0; \{12^2, 6^{16}, 4^4, 2\})$	2796224
12	$\mathcal{O}(0; \{12^2, 6^{17}, 3, 2^4\})$	699052
12	$\mathcal{O}(0; \{12^2, 6^{17}, 3^4\})$	5592404
12	$\mathcal{O}(0; \{12^2, 6^{17}, 4^2, 3, 2\})$	2796208
12	$\mathcal{O}(0; \{12^2, 6^{18}, 3^2, 2\})$	2796204
12	$\mathcal{O}(0; \{12^2, 6^{19}, 2^2\})$	1398100
12	$\mathcal{O}(0; \{12^3, 4, 3, 2^{29}\})$	48
12	$\mathcal{O}(0; \{12^3, 4, 3^4, 2^{25}\})$	336
12	$\mathcal{O}(0; \{12^3, 4, 3^7, 2^{21}\})$	2736
12	$\mathcal{O}(0; \{12^3, 4, 3^{10}, 2^{17}\})$	21840
12	$\mathcal{O}(0; \{12^3, 4, 3^{13}, 2^{13}\})$	174768

Continued on next page

Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 4, 3^{16}, 2^9\})$	1398096
12	$\mathcal{O}(0; \{12^3, 4, 3^{19}, 2^5\})$	11184816
12	$\mathcal{O}(0; \{12^3, 4, 3^{22}, 2\})$	89478480
12	$\mathcal{O}(0; \{12^3, 4^3, 3, 2^{26}\})$	192
12	$\mathcal{O}(0; \{12^3, 4^3, 3^4, 2^{22}\})$	1344
12	$\mathcal{O}(0; \{12^3, 4^3, 3^7, 2^{18}\})$	10944
12	$\mathcal{O}(0; \{12^3, 4^3, 3^{10}, 2^{14}\})$	87360
12	$\mathcal{O}(0; \{12^3, 4^3, 3^{13}, 2^{10}\})$	699072
12	$\mathcal{O}(0; \{12^3, 4^3, 3^{16}, 2^6\})$	5592384
12	$\mathcal{O}(0; \{12^3, 4^3, 3^{19}, 2^2\})$	44739264
12	$\mathcal{O}(0; \{12^3, 4^5, 3, 2^{23}\})$	768
12	$\mathcal{O}(0; \{12^3, 4^5, 3^4, 2^{19}\})$	5376
12	$\mathcal{O}(0; \{12^3, 4^5, 3^7, 2^{15}\})$	43776
12	$\mathcal{O}(0; \{12^3, 4^5, 3^{10}, 2^{11}\})$	349440
12	$\mathcal{O}(0; \{12^3, 4^5, 3^{13}, 2^7\})$	2796288
12	$\mathcal{O}(0; \{12^3, 4^5, 3^{16}, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^3, 4^7, 3, 2^{20}\})$	3072
12	$\mathcal{O}(0; \{12^3, 4^7, 3^4, 2^{16}\})$	21504
12	$\mathcal{O}(0; \{12^3, 4^7, 3^7, 2^{12}\})$	175104
12	$\mathcal{O}(0; \{12^3, 4^7, 3^{10}, 2^8\})$	1397760
12	$\mathcal{O}(0; \{12^3, 4^7, 3^{13}, 2^4\})$	11185152
12	$\mathcal{O}(0; \{12^3, 4^7, 3^{16}\})$	89478144
12	$\mathcal{O}(0; \{12^3, 4^9, 3, 2^{17}\})$	12288
12	$\mathcal{O}(0; \{12^3, 4^9, 3^4, 2^{13}\})$	86016
12	$\mathcal{O}(0; \{12^3, 4^9, 3^7, 2^9\})$	700416
12	$\mathcal{O}(0; \{12^3, 4^9, 3^{10}, 2^5\})$	5591040
12	$\mathcal{O}(0; \{12^3, 4^9, 3^{13}, 2\})$	44740608
12	$\mathcal{O}(0; \{12^3, 4^{11}, 3, 2^{14}\})$	49152
12	$\mathcal{O}(0; \{12^3, 4^{11}, 3^4, 2^{10}\})$	344064
12	$\mathcal{O}(0; \{12^3, 4^{11}, 3^7, 2^6\})$	2801664
12	$\mathcal{O}(0; \{12^3, 4^{11}, 3^{10}, 2^2\})$	22364160
12	$\mathcal{O}(0; \{12^3, 4^{13}, 3, 2^{11}\})$	196608
12	$\mathcal{O}(0; \{12^3, 4^{13}, 3^4, 2^7\})$	1376256
12	$\mathcal{O}(0; \{12^3, 4^{13}, 3^7, 2^3\})$	11206656
12	$\mathcal{O}(0; \{12^3, 4^{15}, 3, 2^8\})$	786432
12	$\mathcal{O}(0; \{12^3, 4^{15}, 3^4, 2^4\})$	5505024
12	$\mathcal{O}(0; \{12^3, 4^{15}, 3^7\})$	44826624
12	$\mathcal{O}(0; \{12^3, 4^{17}, 3, 2^5\})$	3145728
12	$\mathcal{O}(0; \{12^3, 4^{17}, 3^4, 2\})$	22020096
12	$\mathcal{O}(0; \{12^3, 4^{19}, 3, 2^2\})$	12582912
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^2, 2^{26}\})$	176
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^5, 2^{22}\})$	1360
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^8, 2^{18}\})$	10928

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{11}, 2^{14}\})$	87376
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{14}, 2^{10}\})$	699056
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{17}, 2^6\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6, 4, 3^{20}, 2^2\})$	44739248
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^2, 2^{23}\})$	704
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^5, 2^{19}\})$	5440
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^8, 2^{15}\})$	43712
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^{11}, 2^{11}\})$	349504
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^{14}, 2^7\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6, 4^3, 3^{17}, 2^3\})$	22369600
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^2, 2^{20}\})$	2816
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^5, 2^{16}\})$	21760
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^8, 2^{12}\})$	174848
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^{11}, 2^8\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^{14}, 2^4\})$	11184896
12	$\mathcal{O}(0; \{12^3, 6, 4^5, 3^{17}\})$	89478400
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^2, 2^{17}\})$	11264
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^5, 2^{13}\})$	87040
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^8, 2^9\})$	699392
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^{11}, 2^5\})$	5592064
12	$\mathcal{O}(0; \{12^3, 6, 4^7, 3^{14}, 2\})$	44739584
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3^2, 2^{14}\})$	45056
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3^5, 2^{10}\})$	348160
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3^8, 2^6\})$	2797568
12	$\mathcal{O}(0; \{12^3, 6, 4^9, 3^{11}, 2^2\})$	22368256
12	$\mathcal{O}(0; \{12^3, 6, 4^{11}, 3^2, 2^{11}\})$	180224
12	$\mathcal{O}(0; \{12^3, 6, 4^{11}, 3^5, 2^7\})$	1392640
12	$\mathcal{O}(0; \{12^3, 6, 4^{11}, 3^8, 2^3\})$	11190272
12	$\mathcal{O}(0; \{12^3, 6, 4^{13}, 3^2, 2^8\})$	720896
12	$\mathcal{O}(0; \{12^3, 6, 4^{13}, 3^5, 2^4\})$	5570560
12	$\mathcal{O}(0; \{12^3, 6, 4^{13}, 3^8\})$	44761088
12	$\mathcal{O}(0; \{12^3, 6, 4^{15}, 3^2, 2^5\})$	2883584
12	$\mathcal{O}(0; \{12^3, 6, 4^{15}, 3^5, 2\})$	22282240
12	$\mathcal{O}(0; \{12^3, 6, 4^{17}, 3^2, 2^2\})$	11534336
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 2^{27}\})$	80
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^3, 2^{23}\})$	688
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^6, 2^{19}\})$	5456
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^9, 2^{15}\})$	43696
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^{12}, 2^{11}\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^{15}, 2^7\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^2, 4, 3^{18}, 2^3\})$	22369616
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 2^{24}\})$	320
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^3, 2^{20}\})$	2752

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^6, 2^{16}\})$	21824
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^9, 2^{12}\})$	174784
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^{12}, 2^8\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^{15}, 2^4\})$	11184832
12	$\mathcal{O}(0; \{12^3, 6^2, 4^3, 3^{18}\})$	89478464
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 2^{21}\})$	1280
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^3, 2^{17}\})$	11008
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^6, 2^{13}\})$	87296
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^9, 2^9\})$	699136
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^{12}, 2^5\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^2, 4^5, 3^{15}, 2\})$	44739328
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 2^{18}\})$	5120
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^3, 2^{14}\})$	44032
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^6, 2^{10}\})$	349184
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^9, 2^6\})$	2796544
12	$\mathcal{O}(0; \{12^3, 6^2, 4^7, 3^{12}, 2^2\})$	22369280
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 2^{15}\})$	20480
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 3^3, 2^{11}\})$	176128
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 3^6, 2^7\})$	1396736
12	$\mathcal{O}(0; \{12^3, 6^2, 4^9, 3^9, 2^3\})$	11186176
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{11}, 2^{12}\})$	81920
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{11}, 3^3, 2^8\})$	704512
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{11}, 3^6, 2^4\})$	5586944
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{11}, 3^9\})$	44744704
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{13}, 2^9\})$	327680
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{13}, 3^3, 2^5\})$	2818048
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{13}, 3^6, 2\})$	22347776
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{15}, 2^6\})$	1310720
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{15}, 3^3, 2^2\})$	11272192
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{17}, 2^3\})$	5242880
12	$\mathcal{O}(0; \{12^3, 6^2, 4^{19}\})$	20971520
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3, 2^{24}\})$	336
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^4, 2^{20}\})$	2736
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^7, 2^{16}\})$	21840
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^{10}, 2^{12}\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^{13}, 2^8\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^{16}, 2^4\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6^3, 4, 3^{19}\})$	89478480
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3, 2^{21}\})$	1344
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^4, 2^{17}\})$	10944
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^7, 2^{13}\})$	87360
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^{10}, 2^9\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^{13}, 2^5\})$	5592384

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^3, 4^3, 3^{16}, 2\})$	44739264
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3, 2^{18}\})$	5376
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^4, 2^{14}\})$	43776
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^7, 2^{10}\})$	349440
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^{10}, 2^6\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^3, 4^5, 3^{13}, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3, 2^{15}\})$	21504
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3^4, 2^{11}\})$	175104
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3^7, 2^7\})$	1397760
12	$\mathcal{O}(0; \{12^3, 6^3, 4^7, 3^{10}, 2^3\})$	11185152
12	$\mathcal{O}(0; \{12^3, 6^3, 4^9, 3, 2^{12}\})$	86016
12	$\mathcal{O}(0; \{12^3, 6^3, 4^9, 3^4, 2^8\})$	700416
12	$\mathcal{O}(0; \{12^3, 6^3, 4^9, 3^7, 2^4\})$	5591040
12	$\mathcal{O}(0; \{12^3, 6^3, 4^9, 3^{10}\})$	44740608
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{11}, 3, 2^9\})$	344064
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{11}, 3^4, 2^5\})$	2801664
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{11}, 3^7, 2\})$	22364160
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{13}, 3, 2^6\})$	1376256
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{13}, 3^4, 2^2\})$	11206656
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{15}, 3, 2^3\})$	5505024
12	$\mathcal{O}(0; \{12^3, 6^3, 4^{17}, 3\})$	22020096
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^2, 2^{21}\})$	1360
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^5, 2^{17}\})$	10928
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^8, 2^{13}\})$	87376
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^{11}, 2^9\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^{14}, 2^5\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^4, 4, 3^{17}, 2\})$	44739248
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^2, 2^{18}\})$	5440
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^5, 2^{14}\})$	43712
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^8, 2^{10}\})$	349504
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^{11}, 2^6\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^4, 4^3, 3^{14}, 2^2\})$	22369600
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^2, 2^{15}\})$	21760
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^5, 2^{11}\})$	174848
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^8, 2^7\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^4, 4^5, 3^{11}, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^3, 6^4, 4^7, 3^2, 2^{12}\})$	87040
12	$\mathcal{O}(0; \{12^3, 6^4, 4^7, 3^5, 2^8\})$	699392
12	$\mathcal{O}(0; \{12^3, 6^4, 4^7, 3^8, 2^4\})$	5592064
12	$\mathcal{O}(0; \{12^3, 6^4, 4^7, 3^{11}\})$	44739584
12	$\mathcal{O}(0; \{12^3, 6^4, 4^9, 3^2, 2^9\})$	348160
12	$\mathcal{O}(0; \{12^3, 6^4, 4^9, 3^5, 2^5\})$	2797568
12	$\mathcal{O}(0; \{12^3, 6^4, 4^9, 3^8, 2\})$	22368256

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{11}, 3^2, 2^6\})$	1392640
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{11}, 3^5, 2^2\})$	11190272
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{13}, 3^2, 2^3\})$	5570560
12	$\mathcal{O}(0; \{12^3, 6^4, 4^{15}, 3^2\})$	22282240
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 2^{22}\})$	688
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^3, 2^{18}\})$	5456
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^6, 2^{14}\})$	43696
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^9, 2^{10}\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^{12}, 2^6\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^5, 4, 3^{15}, 2^2\})$	22369616
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 2^{19}\})$	2752
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^3, 2^{15}\})$	21824
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^6, 2^{11}\})$	174784
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^9, 2^7\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^5, 4^3, 3^{12}, 2^3\})$	11184832
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 2^{16}\})$	11008
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 3^3, 2^{12}\})$	87296
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 3^6, 2^8\})$	699136
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 3^9, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^5, 4^5, 3^{12}\})$	44739328
12	$\mathcal{O}(0; \{12^3, 6^5, 4^7, 2^{13}\})$	44032
12	$\mathcal{O}(0; \{12^3, 6^5, 4^7, 3^3, 2^9\})$	349184
12	$\mathcal{O}(0; \{12^3, 6^5, 4^7, 3^6, 2^5\})$	2796544
12	$\mathcal{O}(0; \{12^3, 6^5, 4^7, 3^9, 2\})$	22369280
12	$\mathcal{O}(0; \{12^3, 6^5, 4^9, 2^{10}\})$	176128
12	$\mathcal{O}(0; \{12^3, 6^5, 4^9, 3^3, 2^6\})$	1396736
12	$\mathcal{O}(0; \{12^3, 6^5, 4^9, 3^6, 2^2\})$	11186176
12	$\mathcal{O}(0; \{12^3, 6^5, 4^{11}, 2^7\})$	704512
12	$\mathcal{O}(0; \{12^3, 6^5, 4^{11}, 3^3, 2^3\})$	5586944
12	$\mathcal{O}(0; \{12^3, 6^5, 4^{13}, 2^4\})$	2818048
12	$\mathcal{O}(0; \{12^3, 6^5, 4^{13}, 3^3\})$	22347776
12	$\mathcal{O}(0; \{12^3, 6^5, 4^{15}, 2\})$	11272192
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3, 2^{19}\})$	2736
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^4, 2^{15}\})$	21840
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^7, 2^{11}\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^{10}, 2^7\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^6, 4, 3^{13}, 2^3\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3, 2^{16}\})$	10944
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3^4, 2^{12}\})$	87360
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3^7, 2^8\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3^{10}, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^6, 4^3, 3^{13}\})$	44739264
12	$\mathcal{O}(0; \{12^3, 6^6, 4^5, 3, 2^{13}\})$	43776

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^6, 4^5, 3^4, 2^9\})$	349440
12	$\mathcal{O}(0; \{12^3, 6^6, 4^5, 3^7, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^6, 4^5, 3^{10}, 2\})$	22369536
12	$\mathcal{O}(0; \{12^3, 6^6, 4^7, 3, 2^{10}\})$	175104
12	$\mathcal{O}(0; \{12^3, 6^6, 4^7, 3^4, 2^6\})$	1397760
12	$\mathcal{O}(0; \{12^3, 6^6, 4^7, 3^7, 2^2\})$	11185152
12	$\mathcal{O}(0; \{12^3, 6^6, 4^9, 3, 2^7\})$	700416
12	$\mathcal{O}(0; \{12^3, 6^6, 4^9, 3^4, 2^3\})$	5591040
12	$\mathcal{O}(0; \{12^3, 6^6, 4^{11}, 3, 2^4\})$	2801664
12	$\mathcal{O}(0; \{12^3, 6^6, 4^{11}, 3^4\})$	22364160
12	$\mathcal{O}(0; \{12^3, 6^6, 4^{13}, 3, 2\})$	11206656
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^2, 2^{16}\})$	10928
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^5, 2^{12}\})$	87376
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^8, 2^8\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^{11}, 2^4\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^7, 4, 3^{14}\})$	44739248
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 3^2, 2^{13}\})$	43712
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 3^5, 2^9\})$	349504
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 3^8, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^7, 4^3, 3^{11}, 2\})$	22369600
12	$\mathcal{O}(0; \{12^3, 6^7, 4^5, 3^2, 2^{10}\})$	174848
12	$\mathcal{O}(0; \{12^3, 6^7, 4^5, 3^5, 2^6\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^7, 4^5, 3^8, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^3, 6^7, 4^7, 3^2, 2^7\})$	699392
12	$\mathcal{O}(0; \{12^3, 6^7, 4^7, 3^5, 2^3\})$	5592064
12	$\mathcal{O}(0; \{12^3, 6^7, 4^9, 3^2, 2^4\})$	2797568
12	$\mathcal{O}(0; \{12^3, 6^7, 4^9, 3^5\})$	22368256
12	$\mathcal{O}(0; \{12^3, 6^7, 4^{11}, 3^2, 2\})$	11190272
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 2^{17}\})$	5456
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3^3, 2^{13}\})$	43696
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3^6, 2^9\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3^9, 2^5\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^8, 4, 3^{12}, 2\})$	22369616
12	$\mathcal{O}(0; \{12^3, 6^8, 4^3, 2^{14}\})$	21824
12	$\mathcal{O}(0; \{12^3, 6^8, 4^3, 3^3, 2^{10}\})$	174784
12	$\mathcal{O}(0; \{12^3, 6^8, 4^3, 3^6, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^8, 4^3, 3^9, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^3, 6^8, 4^5, 2^{11}\})$	87296
12	$\mathcal{O}(0; \{12^3, 6^8, 4^5, 3^3, 2^7\})$	699136
12	$\mathcal{O}(0; \{12^3, 6^8, 4^5, 3^6, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^8, 4^7, 2^8\})$	349184
12	$\mathcal{O}(0; \{12^3, 6^8, 4^7, 3^3, 2^4\})$	2796544
12	$\mathcal{O}(0; \{12^3, 6^8, 4^7, 3^6\})$	22369280

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^8, 4^9, 2^5\})$	1396736
12	$\mathcal{O}(0; \{12^3, 6^8, 4^9, 3^3, 2\})$	11186176
12	$\mathcal{O}(0; \{12^3, 6^8, 4^{11}, 2^2\})$	5586944
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 3, 2^{14}\})$	21840
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 3^4, 2^{10}\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 3^7, 2^6\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^9, 4, 3^{10}, 2^2\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6^9, 4^3, 3, 2^{11}\})$	87360
12	$\mathcal{O}(0; \{12^3, 6^9, 4^3, 3^4, 2^7\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^9, 4^3, 3^7, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^9, 4^5, 3, 2^8\})$	349440
12	$\mathcal{O}(0; \{12^3, 6^9, 4^5, 3^4, 2^4\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^9, 4^5, 3^7\})$	22369536
12	$\mathcal{O}(0; \{12^3, 6^9, 4^7, 3, 2^5\})$	1397760
12	$\mathcal{O}(0; \{12^3, 6^9, 4^7, 3^4, 2\})$	11185152
12	$\mathcal{O}(0; \{12^3, 6^9, 4^9, 3, 2^2\})$	5591040
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4, 3^2, 2^{11}\})$	87376
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4, 3^5, 2^7\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4, 3^8, 2^3\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^3, 3^2, 2^8\})$	349504
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^3, 3^5, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^3, 3^8\})$	22369600
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^5, 3^2, 2^5\})$	1398016
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^5, 3^5, 2\})$	11184896
12	$\mathcal{O}(0; \{12^3, 6^{10}, 4^7, 3^2, 2^2\})$	5592064
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4, 2^{12}\})$	43696
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4, 3^3, 2^8\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4, 3^6, 2^4\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4, 3^9\})$	22369616
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^3, 2^9\})$	174784
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^3, 3^3, 2^5\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^3, 3^6, 2\})$	11184832
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^5, 2^6\})$	699136
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^5, 3^3, 2^2\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^7, 2^3\})$	2796544
12	$\mathcal{O}(0; \{12^3, 6^{11}, 4^9\})$	11186176
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4, 3, 2^9\})$	174768
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4, 3^4, 2^5\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4, 3^7, 2\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4^3, 3, 2^6\})$	699072
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4^3, 3^4, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4^5, 3, 2^3\})$	2796288
12	$\mathcal{O}(0; \{12^3, 6^{12}, 4^7, 3\})$	11185152

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4, 3^2, 2^6\})$	699056
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4, 3^5, 2^2\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4^3, 3^2, 2^3\})$	2796224
12	$\mathcal{O}(0; \{12^3, 6^{13}, 4^5, 3^2\})$	11184896
12	$\mathcal{O}(0; \{12^3, 6^{14}, 4, 2^7\})$	349520
12	$\mathcal{O}(0; \{12^3, 6^{14}, 4, 3^3, 2^3\})$	2796208
12	$\mathcal{O}(0; \{12^3, 6^{14}, 4^3, 2^4\})$	1398080
12	$\mathcal{O}(0; \{12^3, 6^{14}, 4^3, 3^3\})$	11184832
12	$\mathcal{O}(0; \{12^3, 6^{14}, 4^5, 2\})$	5592320
12	$\mathcal{O}(0; \{12^3, 6^{15}, 4, 3, 2^4\})$	1398096
12	$\mathcal{O}(0; \{12^3, 6^{15}, 4, 3^4\})$	11184816
12	$\mathcal{O}(0; \{12^3, 6^{15}, 4^3, 3, 2\})$	5592384
12	$\mathcal{O}(0; \{12^3, 6^{16}, 4, 3^2, 2\})$	5592400
12	$\mathcal{O}(0; \{12^3, 6^{17}, 4, 2^2\})$	2796208
12	$\mathcal{O}(0; \{12^4, 2^{30}\})$	48
12	$\mathcal{O}(0; \{12^4, 3^3, 2^{26}\})$	336
12	$\mathcal{O}(0; \{12^4, 3^6, 2^{22}\})$	2736
12	$\mathcal{O}(0; \{12^4, 3^9, 2^{18}\})$	21840
12	$\mathcal{O}(0; \{12^4, 3^{12}, 2^{14}\})$	174768
12	$\mathcal{O}(0; \{12^4, 3^{15}, 2^{10}\})$	1398096
12	$\mathcal{O}(0; \{12^4, 3^{18}, 2^6\})$	11184816
12	$\mathcal{O}(0; \{12^4, 3^{21}, 2^2\})$	89478480
12	$\mathcal{O}(0; \{12^4, 4^2, 2^{27}\})$	192
12	$\mathcal{O}(0; \{12^4, 4^2, 3^3, 2^{23}\})$	1344
12	$\mathcal{O}(0; \{12^4, 4^2, 3^6, 2^{19}\})$	10944
12	$\mathcal{O}(0; \{12^4, 4^2, 3^9, 2^{15}\})$	87360
12	$\mathcal{O}(0; \{12^4, 4^2, 3^{12}, 2^{11}\})$	699072
12	$\mathcal{O}(0; \{12^4, 4^2, 3^{15}, 2^7\})$	5592384
12	$\mathcal{O}(0; \{12^4, 4^2, 3^{18}, 2^3\})$	44739264
12	$\mathcal{O}(0; \{12^4, 4^4, 2^{24}\})$	768
12	$\mathcal{O}(0; \{12^4, 4^4, 3^3, 2^{20}\})$	5376
12	$\mathcal{O}(0; \{12^4, 4^4, 3^6, 2^{16}\})$	43776
12	$\mathcal{O}(0; \{12^4, 4^4, 3^9, 2^{12}\})$	349440
12	$\mathcal{O}(0; \{12^4, 4^4, 3^{12}, 2^8\})$	2796288
12	$\mathcal{O}(0; \{12^4, 4^4, 3^{15}, 2^4\})$	22369536
12	$\mathcal{O}(0; \{12^4, 4^4, 3^{18}\})$	178957056
12	$\mathcal{O}(0; \{12^4, 4^6, 2^{21}\})$	3072
12	$\mathcal{O}(0; \{12^4, 4^6, 3^3, 2^{17}\})$	21504
12	$\mathcal{O}(0; \{12^4, 4^6, 3^6, 2^{13}\})$	175104
12	$\mathcal{O}(0; \{12^4, 4^6, 3^9, 2^9\})$	1397760
12	$\mathcal{O}(0; \{12^4, 4^6, 3^{12}, 2^5\})$	11185152
12	$\mathcal{O}(0; \{12^4, 4^6, 3^{15}, 2\})$	89478144
12	$\mathcal{O}(0; \{12^4, 4^8, 2^{18}\})$	12288

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 4^8, 3^3, 2^{14}\})$	86016
12	$\mathcal{O}(0; \{12^4, 4^8, 3^6, 2^{10}\})$	700416
12	$\mathcal{O}(0; \{12^4, 4^8, 3^9, 2^6\})$	5591040
12	$\mathcal{O}(0; \{12^4, 4^8, 3^{12}, 2^2\})$	44740608
12	$\mathcal{O}(0; \{12^4, 4^{10}, 2^{15}\})$	49152
12	$\mathcal{O}(0; \{12^4, 4^{10}, 3^3, 2^{11}\})$	344064
12	$\mathcal{O}(0; \{12^4, 4^{10}, 3^6, 2^7\})$	2801664
12	$\mathcal{O}(0; \{12^4, 4^{10}, 3^9, 2^3\})$	22364160
12	$\mathcal{O}(0; \{12^4, 4^{12}, 2^{12}\})$	196608
12	$\mathcal{O}(0; \{12^4, 4^{12}, 3^3, 2^8\})$	1376256
12	$\mathcal{O}(0; \{12^4, 4^{12}, 3^6, 2^4\})$	11206656
12	$\mathcal{O}(0; \{12^4, 4^{12}, 3^9\})$	89456640
12	$\mathcal{O}(0; \{12^4, 4^{14}, 2^9\})$	786432
12	$\mathcal{O}(0; \{12^4, 4^{14}, 3^3, 2^5\})$	5505024
12	$\mathcal{O}(0; \{12^4, 4^{14}, 3^6, 2\})$	44826624
12	$\mathcal{O}(0; \{12^4, 4^{16}, 2^6\})$	3145728
12	$\mathcal{O}(0; \{12^4, 4^{16}, 3^3, 2^2\})$	22020096
12	$\mathcal{O}(0; \{12^4, 4^{18}, 2^3\})$	12582912
12	$\mathcal{O}(0; \{12^4, 4^{20}\})$	50331648
12	$\mathcal{O}(0; \{12^4, 6, 3, 2^{27}\})$	176
12	$\mathcal{O}(0; \{12^4, 6, 3^4, 2^{23}\})$	1360
12	$\mathcal{O}(0; \{12^4, 6, 3^7, 2^{19}\})$	10928
12	$\mathcal{O}(0; \{12^4, 6, 3^{10}, 2^{15}\})$	87376
12	$\mathcal{O}(0; \{12^4, 6, 3^{13}, 2^{11}\})$	699056
12	$\mathcal{O}(0; \{12^4, 6, 3^{16}, 2^7\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6, 3^{19}, 2^3\})$	44739248
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3, 2^{24}\})$	704
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^4, 2^{20}\})$	5440
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^7, 2^{16}\})$	43712
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^{10}, 2^{12}\})$	349504
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^{13}, 2^8\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^{16}, 2^4\})$	22369600
12	$\mathcal{O}(0; \{12^4, 6, 4^2, 3^{19}\})$	178956992
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3, 2^{21}\})$	2816
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^4, 2^{17}\})$	21760
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^7, 2^{13}\})$	174848
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^{10}, 2^9\})$	1398016
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^{13}, 2^5\})$	11184896
12	$\mathcal{O}(0; \{12^4, 6, 4^4, 3^{16}, 2\})$	89478400
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3, 2^{18}\})$	11264
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^4, 2^{14}\})$	87040
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^7, 2^{10}\})$	699392
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^{10}, 2^6\})$	5592064

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6, 4^6, 3^{13}, 2^2\})$	44739584
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3, 2^{15}\})$	45056
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3^4, 2^{11}\})$	348160
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3^7, 2^7\})$	2797568
12	$\mathcal{O}(0; \{12^4, 6, 4^8, 3^{10}, 2^3\})$	22368256
12	$\mathcal{O}(0; \{12^4, 6, 4^{10}, 3, 2^{12}\})$	180224
12	$\mathcal{O}(0; \{12^4, 6, 4^{10}, 3^4, 2^8\})$	1392640
12	$\mathcal{O}(0; \{12^4, 6, 4^{10}, 3^7, 2^4\})$	11190272
12	$\mathcal{O}(0; \{12^4, 6, 4^{10}, 3^{10}\})$	89473024
12	$\mathcal{O}(0; \{12^4, 6, 4^{12}, 3, 2^9\})$	720896
12	$\mathcal{O}(0; \{12^4, 6, 4^{12}, 3^4, 2^5\})$	5570560
12	$\mathcal{O}(0; \{12^4, 6, 4^{12}, 3^7, 2\})$	44761088
12	$\mathcal{O}(0; \{12^4, 6, 4^{14}, 3, 2^6\})$	2883584
12	$\mathcal{O}(0; \{12^4, 6, 4^{14}, 3^4, 2^2\})$	22282240
12	$\mathcal{O}(0; \{12^4, 6, 4^{16}, 3, 2^3\})$	11534336
12	$\mathcal{O}(0; \{12^4, 6, 4^{18}, 3\})$	46137344
12	$\mathcal{O}(0; \{12^4, 6^2, 3^2, 2^{24}\})$	688
12	$\mathcal{O}(0; \{12^4, 6^2, 3^5, 2^{20}\})$	5456
12	$\mathcal{O}(0; \{12^4, 6^2, 3^8, 2^{16}\})$	43696
12	$\mathcal{O}(0; \{12^4, 6^2, 3^{11}, 2^{12}\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^2, 3^{14}, 2^8\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^2, 3^{17}, 2^4\})$	22369616
12	$\mathcal{O}(0; \{12^4, 6^2, 3^{20}\})$	178956976
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^2, 2^{21}\})$	2752
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^5, 2^{17}\})$	21824
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^8, 2^{13}\})$	174784
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^{11}, 2^9\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^{14}, 2^5\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^2, 4^2, 3^{17}, 2\})$	89478464
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^2, 2^{18}\})$	11008
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^5, 2^{14}\})$	87296
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^8, 2^{10}\})$	699136
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^{11}, 2^6\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^2, 4^4, 3^{14}, 2^2\})$	44739328
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^2, 2^{15}\})$	44032
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^5, 2^{11}\})$	349184
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^8, 2^7\})$	2796544
12	$\mathcal{O}(0; \{12^4, 6^2, 4^6, 3^{11}, 2^3\})$	22369280
12	$\mathcal{O}(0; \{12^4, 6^2, 4^8, 3^2, 2^{12}\})$	176128
12	$\mathcal{O}(0; \{12^4, 6^2, 4^8, 3^5, 2^8\})$	1396736
12	$\mathcal{O}(0; \{12^4, 6^2, 4^8, 3^8, 2^4\})$	11186176
12	$\mathcal{O}(0; \{12^4, 6^2, 4^8, 3^{11}\})$	89477120
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{10}, 3^2, 2^9\})$	704512

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{10}, 3^5, 2^5\})$	5586944
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{10}, 3^8, 2\})$	44744704
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{12}, 3^2, 2^6\})$	2818048
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{12}, 3^5, 2^2\})$	22347776
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{14}, 3^2, 2^3\})$	11272192
12	$\mathcal{O}(0; \{12^4, 6^2, 4^{16}, 3^2\})$	45088768
12	$\mathcal{O}(0; \{12^4, 6^3, 2^{25}\})$	336
12	$\mathcal{O}(0; \{12^4, 6^3, 3^3, 2^{21}\})$	2736
12	$\mathcal{O}(0; \{12^4, 6^3, 3^6, 2^{17}\})$	21840
12	$\mathcal{O}(0; \{12^4, 6^3, 3^9, 2^{13}\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^3, 3^{12}, 2^9\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^3, 3^{15}, 2^5\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^3, 3^{18}, 2\})$	89478480
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 2^{22}\})$	1344
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^3, 2^{18}\})$	10944
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^6, 2^{14}\})$	87360
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^9, 2^{10}\})$	699072
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^{12}, 2^6\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^3, 4^2, 3^{15}, 2^2\})$	44739264
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 2^{19}\})$	5376
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^3, 2^{15}\})$	43776
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^6, 2^{11}\})$	349440
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^9, 2^7\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6^3, 4^4, 3^{12}, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 2^{16}\})$	21504
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 3^3, 2^{12}\})$	175104
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 3^6, 2^8\})$	1397760
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 3^9, 2^4\})$	11185152
12	$\mathcal{O}(0; \{12^4, 6^3, 4^6, 3^{12}\})$	89478144
12	$\mathcal{O}(0; \{12^4, 6^3, 4^8, 2^{13}\})$	86016
12	$\mathcal{O}(0; \{12^4, 6^3, 4^8, 3^3, 2^9\})$	700416
12	$\mathcal{O}(0; \{12^4, 6^3, 4^8, 3^6, 2^5\})$	5591040
12	$\mathcal{O}(0; \{12^4, 6^3, 4^8, 3^9, 2\})$	44740608
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{10}, 2^{10}\})$	344064
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{10}, 3^3, 2^6\})$	2801664
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{10}, 3^6, 2^2\})$	22364160
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{12}, 2^7\})$	1376256
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{12}, 3^3, 2^3\})$	11206656
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{14}, 2^4\})$	5505024
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{14}, 3^3\})$	44826624
12	$\mathcal{O}(0; \{12^4, 6^3, 4^{16}, 2\})$	22020096
12	$\mathcal{O}(0; \{12^4, 6^4, 3, 2^{22}\})$	1360
12	$\mathcal{O}(0; \{12^4, 6^4, 3^4, 2^{18}\})$	10928

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^4, 3^7, 2^{14}\})$	87376
12	$\mathcal{O}(0; \{12^4, 6^4, 3^{10}, 2^{10}\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^4, 3^{13}, 2^6\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^4, 3^{16}, 2^2\})$	44739248
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3, 2^{19}\})$	5440
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^4, 2^{15}\})$	43712
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^7, 2^{11}\})$	349504
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^{10}, 2^7\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^4, 4^2, 3^{13}, 2^3\})$	22369600
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3, 2^{16}\})$	21760
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3^4, 2^{12}\})$	174848
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3^7, 2^8\})$	1398016
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3^{10}, 2^4\})$	11184896
12	$\mathcal{O}(0; \{12^4, 6^4, 4^4, 3^{13}\})$	89478400
12	$\mathcal{O}(0; \{12^4, 6^4, 4^6, 3, 2^{13}\})$	87040
12	$\mathcal{O}(0; \{12^4, 6^4, 4^6, 3^4, 2^9\})$	699392
12	$\mathcal{O}(0; \{12^4, 6^4, 4^6, 3^7, 2^5\})$	5592064
12	$\mathcal{O}(0; \{12^4, 6^4, 4^6, 3^{10}, 2\})$	44739584
12	$\mathcal{O}(0; \{12^4, 6^4, 4^8, 3, 2^{10}\})$	348160
12	$\mathcal{O}(0; \{12^4, 6^4, 4^8, 3^4, 2^6\})$	2797568
12	$\mathcal{O}(0; \{12^4, 6^4, 4^8, 3^7, 2^2\})$	22368256
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{10}, 3, 2^7\})$	1392640
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{10}, 3^4, 2^3\})$	11190272
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{12}, 3, 2^4\})$	5570560
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{12}, 3^4\})$	44761088
12	$\mathcal{O}(0; \{12^4, 6^4, 4^{14}, 3, 2\})$	22282240
12	$\mathcal{O}(0; \{12^4, 6^5, 3^2, 2^{19}\})$	5456
12	$\mathcal{O}(0; \{12^4, 6^5, 3^5, 2^{15}\})$	43696
12	$\mathcal{O}(0; \{12^4, 6^5, 3^8, 2^{11}\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^5, 3^{11}, 2^7\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^5, 3^{14}, 2^3\})$	22369616
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^2, 2^{16}\})$	21824
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^5, 2^{12}\})$	174784
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^8, 2^8\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^{11}, 2^4\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^5, 4^2, 3^{14}\})$	89478464
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 3^2, 2^{13}\})$	87296
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 3^5, 2^9\})$	699136
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 3^8, 2^5\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^5, 4^4, 3^{11}, 2\})$	44739328
12	$\mathcal{O}(0; \{12^4, 6^5, 4^6, 3^2, 2^{10}\})$	349184
12	$\mathcal{O}(0; \{12^4, 6^5, 4^6, 3^5, 2^6\})$	2796544
12	$\mathcal{O}(0; \{12^4, 6^5, 4^6, 3^8, 2^2\})$	22369280

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^5, 4^8, 3^2, 2^7\})$	1396736
12	$\mathcal{O}(0; \{12^4, 6^5, 4^8, 3^5, 2^3\})$	11186176
12	$\mathcal{O}(0; \{12^4, 6^5, 4^{10}, 3^2, 2^4\})$	5586944
12	$\mathcal{O}(0; \{12^4, 6^5, 4^{10}, 3^5\})$	44744704
12	$\mathcal{O}(0; \{12^4, 6^5, 4^{12}, 3^2, 2\})$	22347776
12	$\mathcal{O}(0; \{12^4, 6^6, 2^{20}\})$	2736
12	$\mathcal{O}(0; \{12^4, 6^6, 3^3, 2^{16}\})$	21840
12	$\mathcal{O}(0; \{12^4, 6^6, 3^6, 2^{12}\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^6, 3^9, 2^8\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^6, 3^{12}, 2^4\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^6, 3^{15}\})$	89478480
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 2^{17}\})$	10944
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3^3, 2^{13}\})$	87360
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3^6, 2^9\})$	699072
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3^9, 2^5\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^6, 4^2, 3^{12}, 2\})$	44739264
12	$\mathcal{O}(0; \{12^4, 6^6, 4^4, 2^{14}\})$	43776
12	$\mathcal{O}(0; \{12^4, 6^6, 4^4, 3^3, 2^{10}\})$	349440
12	$\mathcal{O}(0; \{12^4, 6^6, 4^4, 3^6, 2^6\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6^6, 4^4, 3^9, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^4, 6^6, 4^6, 2^{11}\})$	175104
12	$\mathcal{O}(0; \{12^4, 6^6, 4^6, 3^3, 2^7\})$	1397760
12	$\mathcal{O}(0; \{12^4, 6^6, 4^6, 3^6, 2^3\})$	11185152
12	$\mathcal{O}(0; \{12^4, 6^6, 4^8, 2^8\})$	700416
12	$\mathcal{O}(0; \{12^4, 6^6, 4^8, 3^3, 2^4\})$	5591040
12	$\mathcal{O}(0; \{12^4, 6^6, 4^8, 3^6\})$	44740608
12	$\mathcal{O}(0; \{12^4, 6^6, 4^{10}, 2^5\})$	2801664
12	$\mathcal{O}(0; \{12^4, 6^6, 4^{10}, 3^3, 2\})$	22364160
12	$\mathcal{O}(0; \{12^4, 6^6, 4^{12}, 2^2\})$	11206656
12	$\mathcal{O}(0; \{12^4, 6^7, 3, 2^{17}\})$	10928
12	$\mathcal{O}(0; \{12^4, 6^7, 3^4, 2^{13}\})$	87376
12	$\mathcal{O}(0; \{12^4, 6^7, 3^7, 2^9\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^7, 3^{10}, 2^5\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^7, 3^{13}, 2\})$	44739248
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 3, 2^{14}\})$	43712
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 3^4, 2^{10}\})$	349504
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 3^7, 2^6\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^7, 4^2, 3^{10}, 2^2\})$	22369600
12	$\mathcal{O}(0; \{12^4, 6^7, 4^4, 3, 2^{11}\})$	174848
12	$\mathcal{O}(0; \{12^4, 6^7, 4^4, 3^4, 2^7\})$	1398016
12	$\mathcal{O}(0; \{12^4, 6^7, 4^4, 3^7, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^4, 6^7, 4^6, 3, 2^8\})$	699392
12	$\mathcal{O}(0; \{12^4, 6^7, 4^6, 3^4, 2^4\})$	5592064

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^7, 4^6, 3^7\})$	44739584
12	$\mathcal{O}(0; \{12^4, 6^7, 4^8, 3, 2^5\})$	2797568
12	$\mathcal{O}(0; \{12^4, 6^7, 4^8, 3^4, 2\})$	22368256
12	$\mathcal{O}(0; \{12^4, 6^7, 4^{10}, 3, 2^2\})$	11190272
12	$\mathcal{O}(0; \{12^4, 6^8, 3^2, 2^{14}\})$	43696
12	$\mathcal{O}(0; \{12^4, 6^8, 3^5, 2^{10}\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^8, 3^8, 2^6\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^8, 3^{11}, 2^2\})$	22369616
12	$\mathcal{O}(0; \{12^4, 6^8, 4^2, 3^2, 2^{11}\})$	174784
12	$\mathcal{O}(0; \{12^4, 6^8, 4^2, 3^5, 2^7\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^8, 4^2, 3^8, 2^3\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^8, 4^4, 3^2, 2^8\})$	699136
12	$\mathcal{O}(0; \{12^4, 6^8, 4^4, 3^5, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^8, 4^4, 3^8\})$	44739328
12	$\mathcal{O}(0; \{12^4, 6^8, 4^6, 3^2, 2^5\})$	2796544
12	$\mathcal{O}(0; \{12^4, 6^8, 4^6, 3^5, 2\})$	22369280
12	$\mathcal{O}(0; \{12^4, 6^8, 4^8, 3^2, 2^2\})$	11186176
12	$\mathcal{O}(0; \{12^4, 6^9, 2^{15}\})$	21840
12	$\mathcal{O}(0; \{12^4, 6^9, 3^3, 2^{11}\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^9, 3^6, 2^7\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^9, 3^9, 2^3\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^9, 4^2, 2^{12}\})$	87360
12	$\mathcal{O}(0; \{12^4, 6^9, 4^2, 3^3, 2^8\})$	699072
12	$\mathcal{O}(0; \{12^4, 6^9, 4^2, 3^6, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^9, 4^2, 3^9\})$	44739264
12	$\mathcal{O}(0; \{12^4, 6^9, 4^4, 2^9\})$	349440
12	$\mathcal{O}(0; \{12^4, 6^9, 4^4, 3^3, 2^5\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6^9, 4^4, 3^6, 2\})$	22369536
12	$\mathcal{O}(0; \{12^4, 6^9, 4^6, 2^6\})$	1397760
12	$\mathcal{O}(0; \{12^4, 6^9, 4^6, 3^3, 2^2\})$	11185152
12	$\mathcal{O}(0; \{12^4, 6^9, 4^8, 2^3\})$	5591040
12	$\mathcal{O}(0; \{12^4, 6^9, 4^{10}\})$	22364160
12	$\mathcal{O}(0; \{12^4, 6^{10}, 3, 2^{12}\})$	87376
12	$\mathcal{O}(0; \{12^4, 6^{10}, 3^4, 2^8\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^{10}, 3^7, 2^4\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^{10}, 3^{10}\})$	44739248
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^2, 3, 2^9\})$	349504
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^2, 3^4, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^2, 3^7, 2\})$	22369600
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^4, 3, 2^6\})$	1398016
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^4, 3^4, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^6, 3, 2^3\})$	5592064
12	$\mathcal{O}(0; \{12^4, 6^{10}, 4^8, 3\})$	22368256

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^4, 6^{11}, 3^2, 2^9\})$	349520
12	$\mathcal{O}(0; \{12^4, 6^{11}, 3^5, 2^5\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^{11}, 3^8, 2\})$	22369616
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^2, 3^2, 2^6\})$	1398080
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^2, 3^5, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^4, 3^2, 2^3\})$	5592320
12	$\mathcal{O}(0; \{12^4, 6^{11}, 4^6, 3^2\})$	22369280
12	$\mathcal{O}(0; \{12^4, 6^{12}, 2^{10}\})$	174768
12	$\mathcal{O}(0; \{12^4, 6^{12}, 3^3, 2^6\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^{12}, 3^6, 2^2\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^{12}, 4^2, 2^7\})$	699072
12	$\mathcal{O}(0; \{12^4, 6^{12}, 4^2, 3^3, 2^3\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^{12}, 4^4, 2^4\})$	2796288
12	$\mathcal{O}(0; \{12^4, 6^{12}, 4^4, 3^3\})$	22369536
12	$\mathcal{O}(0; \{12^4, 6^{12}, 4^6, 2\})$	11185152
12	$\mathcal{O}(0; \{12^4, 6^{13}, 3, 2^7\})$	699056
12	$\mathcal{O}(0; \{12^4, 6^{13}, 3^4, 2^3\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^{13}, 4^2, 3, 2^4\})$	2796224
12	$\mathcal{O}(0; \{12^4, 6^{13}, 4^2, 3^4\})$	22369600
12	$\mathcal{O}(0; \{12^4, 6^{13}, 4^4, 3, 2\})$	11184896
12	$\mathcal{O}(0; \{12^4, 6^{14}, 3^2, 2^4\})$	2796208
12	$\mathcal{O}(0; \{12^4, 6^{14}, 3^5\})$	22369616
12	$\mathcal{O}(0; \{12^4, 6^{14}, 4^2, 3^2, 2\})$	11184832
12	$\mathcal{O}(0; \{12^4, 6^{15}, 2^5\})$	1398096
12	$\mathcal{O}(0; \{12^4, 6^{15}, 3^3, 2\})$	11184816
12	$\mathcal{O}(0; \{12^4, 6^{15}, 4^2, 2^2\})$	5592384
12	$\mathcal{O}(0; \{12^4, 6^{16}, 3, 2^2\})$	5592400
12	$\mathcal{O}(0; \{12^4, 6^{18}\})$	11184816
12	$\mathcal{O}(0; \{12^5, 4, 3^2, 2^{24}\})$	1344
12	$\mathcal{O}(0; \{12^5, 4, 3^5, 2^{20}\})$	10944
12	$\mathcal{O}(0; \{12^5, 4, 3^8, 2^{16}\})$	87360
12	$\mathcal{O}(0; \{12^5, 4, 3^{11}, 2^{12}\})$	699072
12	$\mathcal{O}(0; \{12^5, 4, 3^{14}, 2^8\})$	5592384
12	$\mathcal{O}(0; \{12^5, 4, 3^{17}, 2^4\})$	44739264
12	$\mathcal{O}(0; \{12^5, 4, 3^{20}\})$	357913920
12	$\mathcal{O}(0; \{12^5, 4^3, 3^2, 2^{21}\})$	5376
12	$\mathcal{O}(0; \{12^5, 4^3, 3^5, 2^{17}\})$	43776
12	$\mathcal{O}(0; \{12^5, 4^3, 3^8, 2^{13}\})$	349440
12	$\mathcal{O}(0; \{12^5, 4^3, 3^{11}, 2^9\})$	2796288
12	$\mathcal{O}(0; \{12^5, 4^3, 3^{14}, 2^5\})$	22369536
12	$\mathcal{O}(0; \{12^5, 4^3, 3^{17}, 2\})$	178957056
12	$\mathcal{O}(0; \{12^5, 4^5, 3^2, 2^{18}\})$	21504
12	$\mathcal{O}(0; \{12^5, 4^5, 3^5, 2^{14}\})$	175104

Continued on next page

Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 4^5, 3^8, 2^{10}\})$	1397760
12	$\mathcal{O}(0; \{12^5, 4^5, 3^{11}, 2^6\})$	11185152
12	$\mathcal{O}(0; \{12^5, 4^5, 3^{14}, 2^2\})$	89478144
12	$\mathcal{O}(0; \{12^5, 4^7, 3^2, 2^{15}\})$	86016
12	$\mathcal{O}(0; \{12^5, 4^7, 3^5, 2^{11}\})$	700416
12	$\mathcal{O}(0; \{12^5, 4^7, 3^8, 2^7\})$	5591040
12	$\mathcal{O}(0; \{12^5, 4^7, 3^{11}, 2^3\})$	44740608
12	$\mathcal{O}(0; \{12^5, 4^9, 3^2, 2^{12}\})$	344064
12	$\mathcal{O}(0; \{12^5, 4^9, 3^5, 2^8\})$	2801664
12	$\mathcal{O}(0; \{12^5, 4^9, 3^8, 2^4\})$	22364160
12	$\mathcal{O}(0; \{12^5, 4^9, 3^{11}\})$	178962432
12	$\mathcal{O}(0; \{12^5, 4^{11}, 3^2, 2^9\})$	1376256
12	$\mathcal{O}(0; \{12^5, 4^{11}, 3^5, 2^5\})$	11206656
12	$\mathcal{O}(0; \{12^5, 4^{11}, 3^8, 2\})$	89456640
12	$\mathcal{O}(0; \{12^5, 4^{13}, 3^2, 2^6\})$	5505024
12	$\mathcal{O}(0; \{12^5, 4^{13}, 3^5, 2^2\})$	44826624
12	$\mathcal{O}(0; \{12^5, 4^{15}, 3^2, 2^3\})$	22020096
12	$\mathcal{O}(0; \{12^5, 4^{17}, 3^2\})$	88080384
12	$\mathcal{O}(0; \{12^5, 6, 4, 2^{25}\})$	704
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^3, 2^{21}\})$	5440
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^6, 2^{17}\})$	43712
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^9, 2^{13}\})$	349504
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^{12}, 2^9\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^{15}, 2^5\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6, 4, 3^{18}, 2\})$	178956992
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 2^{22}\})$	2816
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^3, 2^{18}\})$	21760
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^6, 2^{14}\})$	174848
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^9, 2^{10}\})$	1398016
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^{12}, 2^6\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6, 4^3, 3^{15}, 2^2\})$	89478400
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 2^{19}\})$	11264
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^3, 2^{15}\})$	87040
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^6, 2^{11}\})$	699392
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^9, 2^7\})$	5592064
12	$\mathcal{O}(0; \{12^5, 6, 4^5, 3^{12}, 2^3\})$	44739584
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 2^{16}\})$	45056
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 3^3, 2^{12}\})$	348160
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 3^6, 2^8\})$	2797568
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 3^9, 2^4\})$	22368256
12	$\mathcal{O}(0; \{12^5, 6, 4^7, 3^{12}\})$	178958336
12	$\mathcal{O}(0; \{12^5, 6, 4^9, 2^{13}\})$	180224
12	$\mathcal{O}(0; \{12^5, 6, 4^9, 3^3, 2^9\})$	1392640

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6, 4^9, 3^6, 2^5\})$	11190272
12	$\mathcal{O}(0; \{12^5, 6, 4^9, 3^9, 2\})$	89473024
12	$\mathcal{O}(0; \{12^5, 6, 4^{11}, 2^{10}\})$	720896
12	$\mathcal{O}(0; \{12^5, 6, 4^{11}, 3^3, 2^6\})$	5570560
12	$\mathcal{O}(0; \{12^5, 6, 4^{11}, 3^6, 2^2\})$	44761088
12	$\mathcal{O}(0; \{12^5, 6, 4^{13}, 2^7\})$	2883584
12	$\mathcal{O}(0; \{12^5, 6, 4^{13}, 3^3, 2^3\})$	22282240
12	$\mathcal{O}(0; \{12^5, 6, 4^{15}, 2^4\})$	11534336
12	$\mathcal{O}(0; \{12^5, 6, 4^{15}, 3^3\})$	89128960
12	$\mathcal{O}(0; \{12^5, 6, 4^{17}, 2\})$	46137344
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3, 2^{22}\})$	2752
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^4, 2^{18}\})$	21824
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^7, 2^{14}\})$	174784
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^{10}, 2^{10}\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^{13}, 2^6\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^2, 4, 3^{16}, 2^2\})$	89478464
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3, 2^{19}\})$	11008
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^4, 2^{15}\})$	87296
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^7, 2^{11}\})$	699136
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^{10}, 2^7\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^2, 4^3, 3^{13}, 2^3\})$	44739328
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3, 2^{16}\})$	44032
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3^4, 2^{12}\})$	349184
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3^7, 2^8\})$	2796544
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3^{10}, 2^4\})$	22369280
12	$\mathcal{O}(0; \{12^5, 6^2, 4^5, 3^{13}\})$	178957312
12	$\mathcal{O}(0; \{12^5, 6^2, 4^7, 3, 2^{13}\})$	176128
12	$\mathcal{O}(0; \{12^5, 6^2, 4^7, 3^4, 2^9\})$	1396736
12	$\mathcal{O}(0; \{12^5, 6^2, 4^7, 3^7, 2^5\})$	11186176
12	$\mathcal{O}(0; \{12^5, 6^2, 4^7, 3^{10}, 2\})$	89477120
12	$\mathcal{O}(0; \{12^5, 6^2, 4^9, 3, 2^{10}\})$	704512
12	$\mathcal{O}(0; \{12^5, 6^2, 4^9, 3^4, 2^6\})$	5586944
12	$\mathcal{O}(0; \{12^5, 6^2, 4^9, 3^7, 2^2\})$	44744704
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{11}, 3, 2^7\})$	2818048
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{11}, 3^4, 2^3\})$	22347776
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{13}, 3, 2^4\})$	11272192
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{13}, 3^4\})$	89391104
12	$\mathcal{O}(0; \{12^5, 6^2, 4^{15}, 3, 2\})$	45088768
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^2, 2^{19}\})$	10944
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^5, 2^{15}\})$	87360
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^8, 2^{11}\})$	699072
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^{11}, 2^7\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^3, 4, 3^{14}, 2^3\})$	44739264

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^2, 2^{16}\})$	43776
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^5, 2^{12}\})$	349440
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^8, 2^8\})$	2796288
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^{11}, 2^4\})$	22369536
12	$\mathcal{O}(0; \{12^5, 6^3, 4^3, 3^{14}\})$	178957056
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 3^2, 2^{13}\})$	175104
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 3^5, 2^9\})$	1397760
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 3^8, 2^5\})$	11185152
12	$\mathcal{O}(0; \{12^5, 6^3, 4^5, 3^{11}, 2\})$	89478144
12	$\mathcal{O}(0; \{12^5, 6^3, 4^7, 3^2, 2^{10}\})$	700416
12	$\mathcal{O}(0; \{12^5, 6^3, 4^7, 3^5, 2^6\})$	5591040
12	$\mathcal{O}(0; \{12^5, 6^3, 4^7, 3^8, 2^2\})$	44740608
12	$\mathcal{O}(0; \{12^5, 6^3, 4^9, 3^2, 2^7\})$	2801664
12	$\mathcal{O}(0; \{12^5, 6^3, 4^9, 3^5, 2^3\})$	22364160
12	$\mathcal{O}(0; \{12^5, 6^3, 4^{11}, 3^2, 2^4\})$	11206656
12	$\mathcal{O}(0; \{12^5, 6^3, 4^{11}, 3^5\})$	89456640
12	$\mathcal{O}(0; \{12^5, 6^3, 4^{13}, 3^2, 2\})$	44826624
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 2^{20}\})$	5440
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^3, 2^{16}\})$	43712
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^6, 2^{12}\})$	349504
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^9, 2^8\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^{12}, 2^4\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6^4, 4, 3^{15}\})$	178956992
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 2^{17}\})$	21760
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3^3, 2^{13}\})$	174848
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3^6, 2^9\})$	1398016
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3^9, 2^5\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^4, 4^3, 3^{12}, 2\})$	89478400
12	$\mathcal{O}(0; \{12^5, 6^4, 4^5, 2^{14}\})$	87040
12	$\mathcal{O}(0; \{12^5, 6^4, 4^5, 3^3, 2^{10}\})$	699392
12	$\mathcal{O}(0; \{12^5, 6^4, 4^5, 3^6, 2^6\})$	5592064
12	$\mathcal{O}(0; \{12^5, 6^4, 4^5, 3^9, 2^2\})$	44739584
12	$\mathcal{O}(0; \{12^5, 6^4, 4^7, 2^{11}\})$	348160
12	$\mathcal{O}(0; \{12^5, 6^4, 4^7, 3^3, 2^7\})$	2797568
12	$\mathcal{O}(0; \{12^5, 6^4, 4^7, 3^6, 2^3\})$	22368256
12	$\mathcal{O}(0; \{12^5, 6^4, 4^9, 2^8\})$	1392640
12	$\mathcal{O}(0; \{12^5, 6^4, 4^9, 3^3, 2^4\})$	11190272
12	$\mathcal{O}(0; \{12^5, 6^4, 4^9, 3^6\})$	89473024
12	$\mathcal{O}(0; \{12^5, 6^4, 4^{11}, 2^5\})$	5570560
12	$\mathcal{O}(0; \{12^5, 6^4, 4^{11}, 3^3, 2\})$	44761088
12	$\mathcal{O}(0; \{12^5, 6^4, 4^{13}, 2^2\})$	22282240
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3, 2^{17}\})$	21824
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^4, 2^{13}\})$	174784

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^7, 2^9\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^{10}, 2^5\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^5, 4, 3^{13}, 2\})$	89478464
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 3, 2^{14}\})$	87296
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 3^4, 2^{10}\})$	699136
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 3^7, 2^6\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^5, 4^3, 3^{10}, 2^2\})$	44739328
12	$\mathcal{O}(0; \{12^5, 6^5, 4^5, 3, 2^{11}\})$	349184
12	$\mathcal{O}(0; \{12^5, 6^5, 4^5, 3^4, 2^7\})$	2796544
12	$\mathcal{O}(0; \{12^5, 6^5, 4^5, 3^7, 2^3\})$	22369280
12	$\mathcal{O}(0; \{12^5, 6^5, 4^7, 3, 2^8\})$	1396736
12	$\mathcal{O}(0; \{12^5, 6^5, 4^7, 3^4, 2^4\})$	11186176
12	$\mathcal{O}(0; \{12^5, 6^5, 4^7, 3^7\})$	89477120
12	$\mathcal{O}(0; \{12^5, 6^5, 4^9, 3, 2^5\})$	5586944
12	$\mathcal{O}(0; \{12^5, 6^5, 4^9, 3^4, 2\})$	44744704
12	$\mathcal{O}(0; \{12^5, 6^5, 4^{11}, 3, 2^2\})$	22347776
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3^2, 2^{14}\})$	87360
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3^5, 2^{10}\})$	699072
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3^8, 2^6\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^6, 4, 3^{11}, 2^2\})$	44739264
12	$\mathcal{O}(0; \{12^5, 6^6, 4^3, 3^2, 2^{11}\})$	349440
12	$\mathcal{O}(0; \{12^5, 6^6, 4^3, 3^5, 2^7\})$	2796288
12	$\mathcal{O}(0; \{12^5, 6^6, 4^3, 3^8, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^5, 6^6, 4^5, 3^2, 2^8\})$	1397760
12	$\mathcal{O}(0; \{12^5, 6^6, 4^5, 3^5, 2^4\})$	11185152
12	$\mathcal{O}(0; \{12^5, 6^6, 4^5, 3^8\})$	89478144
12	$\mathcal{O}(0; \{12^5, 6^6, 4^7, 3^2, 2^5\})$	5591040
12	$\mathcal{O}(0; \{12^5, 6^6, 4^7, 3^5, 2\})$	44740608
12	$\mathcal{O}(0; \{12^5, 6^6, 4^9, 3^2, 2^2\})$	22364160
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 2^{15}\})$	43712
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 3^3, 2^{11}\})$	349504
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 3^6, 2^7\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^7, 4, 3^9, 2^3\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6^7, 4^3, 2^{12}\})$	174848
12	$\mathcal{O}(0; \{12^5, 6^7, 4^3, 3^3, 2^8\})$	1398016
12	$\mathcal{O}(0; \{12^5, 6^7, 4^3, 3^6, 2^4\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^7, 4^3, 3^9\})$	89478400
12	$\mathcal{O}(0; \{12^5, 6^7, 4^5, 2^9\})$	699392
12	$\mathcal{O}(0; \{12^5, 6^7, 4^5, 3^3, 2^5\})$	5592064
12	$\mathcal{O}(0; \{12^5, 6^7, 4^5, 3^6, 2\})$	44739584
12	$\mathcal{O}(0; \{12^5, 6^7, 4^7, 2^6\})$	2797568
12	$\mathcal{O}(0; \{12^5, 6^7, 4^7, 3^3, 2^2\})$	22368256
12	$\mathcal{O}(0; \{12^5, 6^7, 4^9, 2^3\})$	11190272

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^5, 6^7, 4^{11}\})$	44761088
12	$\mathcal{O}(0; \{12^5, 6^8, 4, 3, 2^{12}\})$	174784
12	$\mathcal{O}(0; \{12^5, 6^8, 4, 3^4, 2^8\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6^8, 4, 3^7, 2^4\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^8, 4, 3^{10}\})$	89478464
12	$\mathcal{O}(0; \{12^5, 6^8, 4^3, 3, 2^9\})$	699136
12	$\mathcal{O}(0; \{12^5, 6^8, 4^3, 3^4, 2^5\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^8, 4^3, 3^7, 2\})$	44739328
12	$\mathcal{O}(0; \{12^5, 6^8, 4^5, 3, 2^6\})$	2796544
12	$\mathcal{O}(0; \{12^5, 6^8, 4^5, 3^4, 2^2\})$	22369280
12	$\mathcal{O}(0; \{12^5, 6^8, 4^7, 3, 2^3\})$	11186176
12	$\mathcal{O}(0; \{12^5, 6^8, 4^9, 3\})$	44744704
12	$\mathcal{O}(0; \{12^5, 6^9, 4, 3^2, 2^9\})$	699072
12	$\mathcal{O}(0; \{12^5, 6^9, 4, 3^5, 2^5\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^9, 4, 3^8, 2\})$	44739264
12	$\mathcal{O}(0; \{12^5, 6^9, 4^3, 3^2, 2^6\})$	2796288
12	$\mathcal{O}(0; \{12^5, 6^9, 4^3, 3^5, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^5, 6^9, 4^5, 3^2, 2^3\})$	11185152
12	$\mathcal{O}(0; \{12^5, 6^9, 4^7, 3^2\})$	44740608
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4, 2^{10}\})$	349504
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4, 3^3, 2^6\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4, 3^6, 2^2\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4^3, 2^7\})$	1398016
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4^3, 3^3, 2^3\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4^5, 2^4\})$	5592064
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4^5, 3^3\})$	44739584
12	$\mathcal{O}(0; \{12^5, 6^{10}, 4^7, 2\})$	22368256
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4, 3, 2^7\})$	1398080
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4, 3^4, 2^3\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4^3, 3, 2^4\})$	5592320
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4^3, 3^4\})$	44739328
12	$\mathcal{O}(0; \{12^5, 6^{11}, 4^5, 3, 2\})$	22369280
12	$\mathcal{O}(0; \{12^5, 6^{12}, 4, 3^2, 2^4\})$	5592384
12	$\mathcal{O}(0; \{12^5, 6^{12}, 4, 3^5\})$	44739264
12	$\mathcal{O}(0; \{12^5, 6^{12}, 4^3, 3^2, 2\})$	22369536
12	$\mathcal{O}(0; \{12^5, 6^{13}, 4, 2^5\})$	2796224
12	$\mathcal{O}(0; \{12^5, 6^{13}, 4, 3^3, 2\})$	22369600
12	$\mathcal{O}(0; \{12^5, 6^{13}, 4^3, 2^2\})$	11184896
12	$\mathcal{O}(0; \{12^5, 6^{14}, 4, 3, 2^2\})$	11184832
12	$\mathcal{O}(0; \{12^5, 6^{16}, 4\})$	22369600
12	$\mathcal{O}(0; \{12^6, 3, 2^{25}\})$	1344
12	$\mathcal{O}(0; \{12^6, 3^4, 2^{21}\})$	10944
12	$\mathcal{O}(0; \{12^6, 3^7, 2^{17}\})$	87360

Continued on next page

Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 3^{10}, 2^{13}\})$	699072
12	$\mathcal{O}(0; \{12^6, 3^{13}, 2^9\})$	5592384
12	$\mathcal{O}(0; \{12^6, 3^{16}, 2^5\})$	44739264
12	$\mathcal{O}(0; \{12^6, 3^{19}, 2\})$	357913920
12	$\mathcal{O}(0; \{12^6, 4^2, 3, 2^{22}\})$	5376
12	$\mathcal{O}(0; \{12^6, 4^2, 3^4, 2^{18}\})$	43776
12	$\mathcal{O}(0; \{12^6, 4^2, 3^7, 2^{14}\})$	349440
12	$\mathcal{O}(0; \{12^6, 4^2, 3^{10}, 2^{10}\})$	2796288
12	$\mathcal{O}(0; \{12^6, 4^2, 3^{13}, 2^6\})$	22369536
12	$\mathcal{O}(0; \{12^6, 4^2, 3^{16}, 2^2\})$	178957056
12	$\mathcal{O}(0; \{12^6, 4^4, 3, 2^{19}\})$	21504
12	$\mathcal{O}(0; \{12^6, 4^4, 3^4, 2^{15}\})$	175104
12	$\mathcal{O}(0; \{12^6, 4^4, 3^7, 2^{11}\})$	1397760
12	$\mathcal{O}(0; \{12^6, 4^4, 3^{10}, 2^7\})$	11185152
12	$\mathcal{O}(0; \{12^6, 4^4, 3^{13}, 2^3\})$	89478144
12	$\mathcal{O}(0; \{12^6, 4^6, 3, 2^{16}\})$	86016
12	$\mathcal{O}(0; \{12^6, 4^6, 3^4, 2^{12}\})$	700416
12	$\mathcal{O}(0; \{12^6, 4^6, 3^7, 2^8\})$	5591040
12	$\mathcal{O}(0; \{12^6, 4^6, 3^{10}, 2^4\})$	44740608
12	$\mathcal{O}(0; \{12^6, 4^6, 3^{13}\})$	357912576
12	$\mathcal{O}(0; \{12^6, 4^8, 3, 2^{13}\})$	344064
12	$\mathcal{O}(0; \{12^6, 4^8, 3^4, 2^9\})$	2801664
12	$\mathcal{O}(0; \{12^6, 4^8, 3^7, 2^5\})$	22364160
12	$\mathcal{O}(0; \{12^6, 4^8, 3^{10}, 2\})$	178962432
12	$\mathcal{O}(0; \{12^6, 4^{10}, 3, 2^{10}\})$	1376256
12	$\mathcal{O}(0; \{12^6, 4^{10}, 3^4, 2^6\})$	11206656
12	$\mathcal{O}(0; \{12^6, 4^{10}, 3^7, 2^2\})$	89456640
12	$\mathcal{O}(0; \{12^6, 4^{12}, 3, 2^7\})$	5505024
12	$\mathcal{O}(0; \{12^6, 4^{12}, 3^4, 2^3\})$	44826624
12	$\mathcal{O}(0; \{12^6, 4^{14}, 3, 2^4\})$	22020096
12	$\mathcal{O}(0; \{12^6, 4^{14}, 3^4\})$	179306496
12	$\mathcal{O}(0; \{12^6, 4^{16}, 3, 2\})$	88080384
12	$\mathcal{O}(0; \{12^6, 6, 3^2, 2^{22}\})$	5440
12	$\mathcal{O}(0; \{12^6, 6, 3^5, 2^{18}\})$	43712
12	$\mathcal{O}(0; \{12^6, 6, 3^8, 2^{14}\})$	349504
12	$\mathcal{O}(0; \{12^6, 6, 3^{11}, 2^{10}\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6, 3^{14}, 2^6\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6, 3^{17}, 2^2\})$	178956992
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^2, 2^{19}\})$	21760
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^5, 2^{15}\})$	174848
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^8, 2^{11}\})$	1398016
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^{11}, 2^7\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6, 4^2, 3^{14}, 2^3\})$	89478400

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^2, 2^{16}\})$	87040
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^5, 2^{12}\})$	699392
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^8, 2^8\})$	5592064
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^{11}, 2^4\})$	44739584
12	$\mathcal{O}(0; \{12^6, 6, 4^4, 3^{14}\})$	357913600
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 3^2, 2^{13}\})$	348160
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 3^5, 2^9\})$	2797568
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 3^8, 2^5\})$	22368256
12	$\mathcal{O}(0; \{12^6, 6, 4^6, 3^{11}, 2\})$	178958336
12	$\mathcal{O}(0; \{12^6, 6, 4^8, 3^2, 2^{10}\})$	1392640
12	$\mathcal{O}(0; \{12^6, 6, 4^8, 3^5, 2^6\})$	11190272
12	$\mathcal{O}(0; \{12^6, 6, 4^8, 3^8, 2^2\})$	89473024
12	$\mathcal{O}(0; \{12^6, 6, 4^{10}, 3^2, 2^7\})$	5570560
12	$\mathcal{O}(0; \{12^6, 6, 4^{10}, 3^5, 2^3\})$	44761088
12	$\mathcal{O}(0; \{12^6, 6, 4^{12}, 3^2, 2^4\})$	22282240
12	$\mathcal{O}(0; \{12^6, 6, 4^{12}, 3^5\})$	179044352
12	$\mathcal{O}(0; \{12^6, 6, 4^{14}, 3^2, 2\})$	89128960
12	$\mathcal{O}(0; \{12^6, 6^2, 2^{23}\})$	2752
12	$\mathcal{O}(0; \{12^6, 6^2, 3^3, 2^{19}\})$	21824
12	$\mathcal{O}(0; \{12^6, 6^2, 3^6, 2^{15}\})$	174784
12	$\mathcal{O}(0; \{12^6, 6^2, 3^9, 2^{11}\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6^2, 3^{12}, 2^7\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^2, 3^{15}, 2^3\})$	89478464
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 2^{20}\})$	11008
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^3, 2^{16}\})$	87296
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^6, 2^{12}\})$	699136
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^9, 2^8\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^{12}, 2^4\})$	44739328
12	$\mathcal{O}(0; \{12^6, 6^2, 4^2, 3^{15}\})$	357913856
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 2^{17}\})$	44032
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3^3, 2^{13}\})$	349184
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3^6, 2^9\})$	2796544
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3^9, 2^5\})$	22369280
12	$\mathcal{O}(0; \{12^6, 6^2, 4^4, 3^{12}, 2\})$	178957312
12	$\mathcal{O}(0; \{12^6, 6^2, 4^6, 2^{14}\})$	176128
12	$\mathcal{O}(0; \{12^6, 6^2, 4^6, 3^3, 2^{10}\})$	1396736
12	$\mathcal{O}(0; \{12^6, 6^2, 4^6, 3^6, 2^6\})$	11186176
12	$\mathcal{O}(0; \{12^6, 6^2, 4^6, 3^9, 2^2\})$	89477120
12	$\mathcal{O}(0; \{12^6, 6^2, 4^8, 2^{11}\})$	704512
12	$\mathcal{O}(0; \{12^6, 6^2, 4^8, 3^3, 2^7\})$	5586944
12	$\mathcal{O}(0; \{12^6, 6^2, 4^8, 3^6, 2^3\})$	44744704
12	$\mathcal{O}(0; \{12^6, 6^2, 4^{10}, 2^8\})$	2818048
12	$\mathcal{O}(0; \{12^6, 6^2, 4^{10}, 3^3, 2^4\})$	22347776

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6^2, 4^{10}, 3^6\})$	178978816
12	$\mathcal{O}(0; \{12^6, 6^2, 4^{12}, 2^5\})$	11272192
12	$\mathcal{O}(0; \{12^6, 6^2, 4^{12}, 3^3, 2\})$	89391104
12	$\mathcal{O}(0; \{12^6, 6^2, 4^{14}, 2^2\})$	45088768
12	$\mathcal{O}(0; \{12^6, 6^3, 3, 2^{20}\})$	10944
12	$\mathcal{O}(0; \{12^6, 6^3, 3^4, 2^{16}\})$	87360
12	$\mathcal{O}(0; \{12^6, 6^3, 3^7, 2^{12}\})$	699072
12	$\mathcal{O}(0; \{12^6, 6^3, 3^{10}, 2^8\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^3, 3^{13}, 2^4\})$	44739264
12	$\mathcal{O}(0; \{12^6, 6^3, 3^{16}\})$	357913920
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3, 2^{17}\})$	43776
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^4, 2^{13}\})$	349440
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^7, 2^9\})$	2796288
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^{10}, 2^5\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^3, 4^2, 3^{13}, 2\})$	178957056
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 3, 2^{14}\})$	175104
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 3^4, 2^{10}\})$	1397760
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 3^7, 2^6\})$	11185152
12	$\mathcal{O}(0; \{12^6, 6^3, 4^4, 3^{10}, 2^2\})$	89478144
12	$\mathcal{O}(0; \{12^6, 6^3, 4^6, 3, 2^{11}\})$	700416
12	$\mathcal{O}(0; \{12^6, 6^3, 4^6, 3^4, 2^7\})$	5591040
12	$\mathcal{O}(0; \{12^6, 6^3, 4^6, 3^7, 2^3\})$	44740608
12	$\mathcal{O}(0; \{12^6, 6^3, 4^8, 3, 2^8\})$	2801664
12	$\mathcal{O}(0; \{12^6, 6^3, 4^8, 3^4, 2^4\})$	22364160
12	$\mathcal{O}(0; \{12^6, 6^3, 4^8, 3^7\})$	178962432
12	$\mathcal{O}(0; \{12^6, 6^3, 4^{10}, 3, 2^5\})$	11206656
12	$\mathcal{O}(0; \{12^6, 6^3, 4^{10}, 3^4, 2\})$	89456640
12	$\mathcal{O}(0; \{12^6, 6^3, 4^{12}, 3, 2^2\})$	44826624
12	$\mathcal{O}(0; \{12^6, 6^4, 3^2, 2^{17}\})$	43712
12	$\mathcal{O}(0; \{12^6, 6^4, 3^5, 2^{13}\})$	349504
12	$\mathcal{O}(0; \{12^6, 6^4, 3^8, 2^9\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^4, 3^{11}, 2^5\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^4, 3^{14}, 2\})$	178956992
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3^2, 2^{14}\})$	174848
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3^5, 2^{10}\})$	1398016
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3^8, 2^6\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^4, 4^2, 3^{11}, 2^2\})$	89478400
12	$\mathcal{O}(0; \{12^6, 6^4, 4^4, 3^2, 2^{11}\})$	699392
12	$\mathcal{O}(0; \{12^6, 6^4, 4^4, 3^5, 2^7\})$	5592064
12	$\mathcal{O}(0; \{12^6, 6^4, 4^4, 3^8, 2^3\})$	44739584
12	$\mathcal{O}(0; \{12^6, 6^4, 4^6, 3^2, 2^8\})$	2797568
12	$\mathcal{O}(0; \{12^6, 6^4, 4^6, 3^5, 2^4\})$	22368256
12	$\mathcal{O}(0; \{12^6, 6^4, 4^6, 3^8\})$	178958336

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6^4, 4^8, 3^2, 2^5\})$	11190272
12	$\mathcal{O}(0; \{12^6, 6^4, 4^8, 3^5, 2\})$	89473024
12	$\mathcal{O}(0; \{12^6, 6^4, 4^{10}, 3^2, 2^2\})$	44761088
12	$\mathcal{O}(0; \{12^6, 6^5, 2^{18}\})$	21824
12	$\mathcal{O}(0; \{12^6, 6^5, 3^3, 2^{14}\})$	174784
12	$\mathcal{O}(0; \{12^6, 6^5, 3^6, 2^{10}\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6^5, 3^9, 2^6\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^5, 3^{12}, 2^2\})$	89478464
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 2^{15}\})$	87296
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 3^3, 2^{11}\})$	699136
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 3^6, 2^7\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6^5, 4^2, 3^9, 2^3\})$	44739328
12	$\mathcal{O}(0; \{12^6, 6^5, 4^4, 2^{12}\})$	349184
12	$\mathcal{O}(0; \{12^6, 6^5, 4^4, 3^3, 2^8\})$	2796544
12	$\mathcal{O}(0; \{12^6, 6^5, 4^4, 3^6, 2^4\})$	22369280
12	$\mathcal{O}(0; \{12^6, 6^5, 4^4, 3^9\})$	178957312
12	$\mathcal{O}(0; \{12^6, 6^5, 4^6, 2^9\})$	1396736
12	$\mathcal{O}(0; \{12^6, 6^5, 4^6, 3^3, 2^5\})$	11186176
12	$\mathcal{O}(0; \{12^6, 6^5, 4^6, 3^6, 2\})$	89477120
12	$\mathcal{O}(0; \{12^6, 6^5, 4^8, 2^6\})$	5586944
12	$\mathcal{O}(0; \{12^6, 6^5, 4^8, 3^3, 2^2\})$	44744704
12	$\mathcal{O}(0; \{12^6, 6^5, 4^{10}, 2^3\})$	22347776
12	$\mathcal{O}(0; \{12^6, 6^5, 4^{12}\})$	89391104
12	$\mathcal{O}(0; \{12^6, 6^6, 3, 2^{15}\})$	87360
12	$\mathcal{O}(0; \{12^6, 6^6, 3^4, 2^{11}\})$	699072
12	$\mathcal{O}(0; \{12^6, 6^6, 3^7, 2^7\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^6, 3^{10}, 2^3\})$	44739264
12	$\mathcal{O}(0; \{12^6, 6^6, 4^2, 3, 2^{12}\})$	349440
12	$\mathcal{O}(0; \{12^6, 6^6, 4^2, 3^4, 2^8\})$	2796288
12	$\mathcal{O}(0; \{12^6, 6^6, 4^2, 3^7, 2^4\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^6, 4^2, 3^{10}\})$	178957056
12	$\mathcal{O}(0; \{12^6, 6^6, 4^4, 3, 2^9\})$	1397760
12	$\mathcal{O}(0; \{12^6, 6^6, 4^4, 3^4, 2^5\})$	11185152
12	$\mathcal{O}(0; \{12^6, 6^6, 4^4, 3^7, 2\})$	89478144
12	$\mathcal{O}(0; \{12^6, 6^6, 4^6, 3, 2^6\})$	5591040
12	$\mathcal{O}(0; \{12^6, 6^6, 4^6, 3^4, 2^2\})$	44740608
12	$\mathcal{O}(0; \{12^6, 6^6, 4^8, 3, 2^3\})$	22364160
12	$\mathcal{O}(0; \{12^6, 6^6, 4^{10}, 3\})$	89456640
12	$\mathcal{O}(0; \{12^6, 6^7, 3^2, 2^{12}\})$	349504
12	$\mathcal{O}(0; \{12^6, 6^7, 3^5, 2^8\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^7, 3^8, 2^4\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^7, 3^{11}\})$	178956992
12	$\mathcal{O}(0; \{12^6, 6^7, 4^2, 3^2, 2^9\})$	1398016

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6^7, 4^2, 3^5, 2^5\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^7, 4^2, 3^8, 2\})$	89478400
12	$\mathcal{O}(0; \{12^6, 6^7, 4^4, 3^2, 2^6\})$	5592064
12	$\mathcal{O}(0; \{12^6, 6^7, 4^4, 3^5, 2^2\})$	44739584
12	$\mathcal{O}(0; \{12^6, 6^7, 4^6, 3^2, 2^3\})$	22368256
12	$\mathcal{O}(0; \{12^6, 6^7, 4^8, 3^2\})$	89473024
12	$\mathcal{O}(0; \{12^6, 6^8, 2^{13}\})$	174784
12	$\mathcal{O}(0; \{12^6, 6^8, 3^3, 2^9\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6^8, 3^6, 2^5\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^8, 3^9, 2\})$	89478464
12	$\mathcal{O}(0; \{12^6, 6^8, 4^2, 2^{10}\})$	699136
12	$\mathcal{O}(0; \{12^6, 6^8, 4^2, 3^3, 2^6\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6^8, 4^2, 3^6, 2^2\})$	44739328
12	$\mathcal{O}(0; \{12^6, 6^8, 4^4, 2^7\})$	2796544
12	$\mathcal{O}(0; \{12^6, 6^8, 4^4, 3^3, 2^3\})$	22369280
12	$\mathcal{O}(0; \{12^6, 6^8, 4^6, 2^4\})$	11186176
12	$\mathcal{O}(0; \{12^6, 6^8, 4^6, 3^3\})$	89477120
12	$\mathcal{O}(0; \{12^6, 6^8, 4^8, 2\})$	44744704
12	$\mathcal{O}(0; \{12^6, 6^9, 3, 2^{10}\})$	699072
12	$\mathcal{O}(0; \{12^6, 6^9, 3^4, 2^6\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^9, 3^7, 2^2\})$	44739264
12	$\mathcal{O}(0; \{12^6, 6^9, 4^2, 3, 2^7\})$	2796288
12	$\mathcal{O}(0; \{12^6, 6^9, 4^2, 3^4, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^9, 4^4, 3, 2^4\})$	11185152
12	$\mathcal{O}(0; \{12^6, 6^9, 4^4, 3^4\})$	89478144
12	$\mathcal{O}(0; \{12^6, 6^9, 4^6, 3, 2\})$	44740608
12	$\mathcal{O}(0; \{12^6, 6^{10}, 3^2, 2^7\})$	2796224
12	$\mathcal{O}(0; \{12^6, 6^{10}, 3^5, 2^3\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^{10}, 4^2, 3^2, 2^4\})$	11184896
12	$\mathcal{O}(0; \{12^6, 6^{10}, 4^2, 3^5\})$	89478400
12	$\mathcal{O}(0; \{12^6, 6^{10}, 4^4, 3^2, 2\})$	44739584
12	$\mathcal{O}(0; \{12^6, 6^{11}, 2^8\})$	1398080
12	$\mathcal{O}(0; \{12^6, 6^{11}, 3^3, 2^4\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^{11}, 3^6\})$	89478464
12	$\mathcal{O}(0; \{12^6, 6^{11}, 4^2, 2^5\})$	5592320
12	$\mathcal{O}(0; \{12^6, 6^{11}, 4^2, 3^3, 2\})$	44739328
12	$\mathcal{O}(0; \{12^6, 6^{11}, 4^4, 2^2\})$	22369280
12	$\mathcal{O}(0; \{12^6, 6^{12}, 3, 2^5\})$	5592384
12	$\mathcal{O}(0; \{12^6, 6^{12}, 3^4, 2\})$	44739264
12	$\mathcal{O}(0; \{12^6, 6^{12}, 4^2, 3, 2^2\})$	22369536
12	$\mathcal{O}(0; \{12^6, 6^{13}, 3^2, 2^2\})$	22369600
12	$\mathcal{O}(0; \{12^6, 6^{14}, 2^3\})$	11184832
12	$\mathcal{O}(0; \{12^6, 6^{14}, 4^2\})$	44739328

Continued on next page

Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^6, 6^{15}, 3\})$	44739264
12	$\mathcal{O}(0; \{12^7, 4, 2^{23}\})$	5376
12	$\mathcal{O}(0; \{12^7, 4, 3^3, 2^{19}\})$	43776
12	$\mathcal{O}(0; \{12^7, 4, 3^6, 2^{15}\})$	349440
12	$\mathcal{O}(0; \{12^7, 4, 3^9, 2^{11}\})$	2796288
12	$\mathcal{O}(0; \{12^7, 4, 3^{12}, 2^7\})$	22369536
12	$\mathcal{O}(0; \{12^7, 4, 3^{15}, 2^3\})$	178957056
12	$\mathcal{O}(0; \{12^7, 4^3, 2^{20}\})$	21504
12	$\mathcal{O}(0; \{12^7, 4^3, 3^3, 2^{16}\})$	175104
12	$\mathcal{O}(0; \{12^7, 4^3, 3^6, 2^{12}\})$	1397760
12	$\mathcal{O}(0; \{12^7, 4^3, 3^9, 2^8\})$	11185152
12	$\mathcal{O}(0; \{12^7, 4^3, 3^{12}, 2^4\})$	89478144
12	$\mathcal{O}(0; \{12^7, 4^3, 3^{15}\})$	715828224
12	$\mathcal{O}(0; \{12^7, 4^5, 2^{17}\})$	86016
12	$\mathcal{O}(0; \{12^7, 4^5, 3^3, 2^{13}\})$	700416
12	$\mathcal{O}(0; \{12^7, 4^5, 3^6, 2^9\})$	5591040
12	$\mathcal{O}(0; \{12^7, 4^5, 3^9, 2^5\})$	44740608
12	$\mathcal{O}(0; \{12^7, 4^5, 3^{12}, 2\})$	357912576
12	$\mathcal{O}(0; \{12^7, 4^7, 2^{14}\})$	344064
12	$\mathcal{O}(0; \{12^7, 4^7, 3^3, 2^{10}\})$	2801664
12	$\mathcal{O}(0; \{12^7, 4^7, 3^6, 2^6\})$	22364160
12	$\mathcal{O}(0; \{12^7, 4^7, 3^9, 2^2\})$	178962432
12	$\mathcal{O}(0; \{12^7, 4^9, 2^{11}\})$	1376256
12	$\mathcal{O}(0; \{12^7, 4^9, 3^3, 2^7\})$	11206656
12	$\mathcal{O}(0; \{12^7, 4^9, 3^6, 2^3\})$	89456640
12	$\mathcal{O}(0; \{12^7, 4^{11}, 2^8\})$	5505024
12	$\mathcal{O}(0; \{12^7, 4^{11}, 3^3, 2^4\})$	44826624
12	$\mathcal{O}(0; \{12^7, 4^{11}, 3^6\})$	357826560
12	$\mathcal{O}(0; \{12^7, 4^{13}, 2^5\})$	22020096
12	$\mathcal{O}(0; \{12^7, 4^{13}, 3^3, 2\})$	179306496
12	$\mathcal{O}(0; \{12^7, 4^{15}, 2^2\})$	88080384
12	$\mathcal{O}(0; \{12^7, 6, 4, 3, 2^{20}\})$	21760
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^4, 2^{16}\})$	174848
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^7, 2^{12}\})$	1398016
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^{10}, 2^8\})$	11184896
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^{13}, 2^4\})$	89478400
12	$\mathcal{O}(0; \{12^7, 6, 4, 3^{16}\})$	715827968
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3, 2^{17}\})$	87040
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^4, 2^{13}\})$	699392
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^7, 2^9\})$	5592064
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^{10}, 2^5\})$	44739584
12	$\mathcal{O}(0; \{12^7, 6, 4^3, 3^{13}, 2\})$	357913600
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 3, 2^{14}\})$	348160

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 3^4, 2^{10}\})$	2797568
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 3^7, 2^6\})$	22368256
12	$\mathcal{O}(0; \{12^7, 6, 4^5, 3^{10}, 2^2\})$	178958336
12	$\mathcal{O}(0; \{12^7, 6, 4^7, 3, 2^{11}\})$	1392640
12	$\mathcal{O}(0; \{12^7, 6, 4^7, 3^4, 2^7\})$	11190272
12	$\mathcal{O}(0; \{12^7, 6, 4^7, 3^7, 2^3\})$	89473024
12	$\mathcal{O}(0; \{12^7, 6, 4^9, 3, 2^8\})$	5570560
12	$\mathcal{O}(0; \{12^7, 6, 4^9, 3^4, 2^4\})$	44761088
12	$\mathcal{O}(0; \{12^7, 6, 4^9, 3^7\})$	357892096
12	$\mathcal{O}(0; \{12^7, 6, 4^{11}, 3, 2^5\})$	22282240
12	$\mathcal{O}(0; \{12^7, 6, 4^{11}, 3^4, 2\})$	179044352
12	$\mathcal{O}(0; \{12^7, 6, 4^{13}, 3, 2^2\})$	89128960
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^2, 2^{17}\})$	87296
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^5, 2^{13}\})$	699136
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^8, 2^9\})$	5592320
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^{11}, 2^5\})$	44739328
12	$\mathcal{O}(0; \{12^7, 6^2, 4, 3^{14}, 2\})$	357913856
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3^2, 2^{14}\})$	349184
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3^5, 2^{10}\})$	2796544
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3^8, 2^6\})$	22369280
12	$\mathcal{O}(0; \{12^7, 6^2, 4^3, 3^{11}, 2^2\})$	178957312
12	$\mathcal{O}(0; \{12^7, 6^2, 4^5, 3^2, 2^{11}\})$	1396736
12	$\mathcal{O}(0; \{12^7, 6^2, 4^5, 3^5, 2^7\})$	11186176
12	$\mathcal{O}(0; \{12^7, 6^2, 4^5, 3^8, 2^3\})$	89477120
12	$\mathcal{O}(0; \{12^7, 6^2, 4^7, 3^2, 2^8\})$	5586944
12	$\mathcal{O}(0; \{12^7, 6^2, 4^7, 3^5, 2^4\})$	44744704
12	$\mathcal{O}(0; \{12^7, 6^2, 4^7, 3^8\})$	357908480
12	$\mathcal{O}(0; \{12^7, 6^2, 4^9, 3^2, 2^5\})$	22347776
12	$\mathcal{O}(0; \{12^7, 6^2, 4^9, 3^5, 2\})$	178978816
12	$\mathcal{O}(0; \{12^7, 6^2, 4^{11}, 3^2, 2^2\})$	89391104
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 2^{18}\})$	43776
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^3, 2^{14}\})$	349440
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^6, 2^{10}\})$	2796288
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^9, 2^6\})$	22369536
12	$\mathcal{O}(0; \{12^7, 6^3, 4, 3^{12}, 2^2\})$	178957056
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 2^{15}\})$	175104
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 3^3, 2^{11}\})$	1397760
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 3^6, 2^7\})$	11185152
12	$\mathcal{O}(0; \{12^7, 6^3, 4^3, 3^9, 2^3\})$	89478144
12	$\mathcal{O}(0; \{12^7, 6^3, 4^5, 2^{12}\})$	700416
12	$\mathcal{O}(0; \{12^7, 6^3, 4^5, 3^3, 2^8\})$	5591040
12	$\mathcal{O}(0; \{12^7, 6^3, 4^5, 3^6, 2^4\})$	44740608
12	$\mathcal{O}(0; \{12^7, 6^3, 4^5, 3^9\})$	357912576

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^7, 6^3, 4^7, 2^9\})$	2801664
12	$\mathcal{O}(0; \{12^7, 6^3, 4^7, 3^3, 2^5\})$	22364160
12	$\mathcal{O}(0; \{12^7, 6^3, 4^7, 3^6, 2\})$	178962432
12	$\mathcal{O}(0; \{12^7, 6^3, 4^9, 2^6\})$	11206656
12	$\mathcal{O}(0; \{12^7, 6^3, 4^9, 3^3, 2^2\})$	89456640
12	$\mathcal{O}(0; \{12^7, 6^3, 4^{11}, 2^3\})$	44826624
12	$\mathcal{O}(0; \{12^7, 6^3, 4^{13}\})$	179306496
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3, 2^{15}\})$	174848
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3^4, 2^{11}\})$	1398016
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3^7, 2^7\})$	11184896
12	$\mathcal{O}(0; \{12^7, 6^4, 4, 3^{10}, 2^3\})$	89478400
12	$\mathcal{O}(0; \{12^7, 6^4, 4^3, 3, 2^{12}\})$	699392
12	$\mathcal{O}(0; \{12^7, 6^4, 4^3, 3^4, 2^8\})$	5592064
12	$\mathcal{O}(0; \{12^7, 6^4, 4^3, 3^7, 2^4\})$	44739584
12	$\mathcal{O}(0; \{12^7, 6^4, 4^3, 3^{10}\})$	357913600
12	$\mathcal{O}(0; \{12^7, 6^4, 4^5, 3, 2^9\})$	2797568
12	$\mathcal{O}(0; \{12^7, 6^4, 4^5, 3^4, 2^5\})$	22368256
12	$\mathcal{O}(0; \{12^7, 6^4, 4^5, 3^7, 2\})$	178958336
12	$\mathcal{O}(0; \{12^7, 6^4, 4^7, 3, 2^6\})$	11190272
12	$\mathcal{O}(0; \{12^7, 6^4, 4^7, 3^4, 2^2\})$	89473024
12	$\mathcal{O}(0; \{12^7, 6^4, 4^9, 3, 2^3\})$	44761088
12	$\mathcal{O}(0; \{12^7, 6^4, 4^{11}, 3\})$	179044352
12	$\mathcal{O}(0; \{12^7, 6^5, 4, 3^2, 2^{12}\})$	699136
12	$\mathcal{O}(0; \{12^7, 6^5, 4, 3^5, 2^8\})$	5592320
12	$\mathcal{O}(0; \{12^7, 6^5, 4, 3^8, 2^4\})$	44739328
12	$\mathcal{O}(0; \{12^7, 6^5, 4, 3^{11}\})$	357913856
12	$\mathcal{O}(0; \{12^7, 6^5, 4^3, 3^2, 2^9\})$	2796544
12	$\mathcal{O}(0; \{12^7, 6^5, 4^3, 3^5, 2^5\})$	22369280
12	$\mathcal{O}(0; \{12^7, 6^5, 4^3, 3^8, 2\})$	178957312
12	$\mathcal{O}(0; \{12^7, 6^5, 4^5, 3^2, 2^6\})$	11186176
12	$\mathcal{O}(0; \{12^7, 6^5, 4^5, 3^5, 2^2\})$	89477120
12	$\mathcal{O}(0; \{12^7, 6^5, 4^7, 3^2, 2^3\})$	44744704
12	$\mathcal{O}(0; \{12^7, 6^5, 4^9, 3^2\})$	178978816
12	$\mathcal{O}(0; \{12^7, 6^6, 4, 2^{13}\})$	349440
12	$\mathcal{O}(0; \{12^7, 6^6, 4, 3^3, 2^9\})$	2796288
12	$\mathcal{O}(0; \{12^7, 6^6, 4, 3^6, 2^5\})$	22369536
12	$\mathcal{O}(0; \{12^7, 6^6, 4, 3^9, 2\})$	178957056
12	$\mathcal{O}(0; \{12^7, 6^6, 4^3, 2^{10}\})$	1397760
12	$\mathcal{O}(0; \{12^7, 6^6, 4^3, 3^3, 2^6\})$	11185152
12	$\mathcal{O}(0; \{12^7, 6^6, 4^3, 3^6, 2^2\})$	89478144
12	$\mathcal{O}(0; \{12^7, 6^6, 4^5, 2^7\})$	5591040
12	$\mathcal{O}(0; \{12^7, 6^6, 4^5, 3^3, 2^3\})$	44740608
12	$\mathcal{O}(0; \{12^7, 6^6, 4^7, 2^4\})$	22364160

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^7, 6^6, 4^7, 3^3\})$	178962432
12	$\mathcal{O}(0; \{12^7, 6^6, 4^9, 2\})$	89456640
12	$\mathcal{O}(0; \{12^7, 6^7, 4, 3, 2^{10}\})$	1398016
12	$\mathcal{O}(0; \{12^7, 6^7, 4, 3^4, 2^6\})$	11184896
12	$\mathcal{O}(0; \{12^7, 6^7, 4, 3^7, 2^2\})$	89478400
12	$\mathcal{O}(0; \{12^7, 6^7, 4^3, 3, 2^7\})$	5592064
12	$\mathcal{O}(0; \{12^7, 6^7, 4^3, 3^4, 2^3\})$	44739584
12	$\mathcal{O}(0; \{12^7, 6^7, 4^5, 3, 2^4\})$	22368256
12	$\mathcal{O}(0; \{12^7, 6^7, 4^5, 3^4\})$	178958336
12	$\mathcal{O}(0; \{12^7, 6^7, 4^7, 3, 2\})$	89473024
12	$\mathcal{O}(0; \{12^7, 6^8, 4, 3^2, 2^7\})$	5592320
12	$\mathcal{O}(0; \{12^7, 6^8, 4, 3^5, 2^3\})$	44739328
12	$\mathcal{O}(0; \{12^7, 6^8, 4^3, 3^2, 2^4\})$	22369280
12	$\mathcal{O}(0; \{12^7, 6^8, 4^3, 3^5\})$	178957312
12	$\mathcal{O}(0; \{12^7, 6^8, 4^5, 3^2, 2\})$	89477120
12	$\mathcal{O}(0; \{12^7, 6^9, 4, 2^8\})$	2796288
12	$\mathcal{O}(0; \{12^7, 6^9, 4, 3^3, 2^4\})$	22369536
12	$\mathcal{O}(0; \{12^7, 6^9, 4, 3^6\})$	178957056
12	$\mathcal{O}(0; \{12^7, 6^9, 4^3, 2^5\})$	11185152
12	$\mathcal{O}(0; \{12^7, 6^9, 4^3, 3^3, 2\})$	89478144
12	$\mathcal{O}(0; \{12^7, 6^9, 4^5, 2^2\})$	44740608
12	$\mathcal{O}(0; \{12^7, 6^{10}, 4, 3, 2^5\})$	11184896
12	$\mathcal{O}(0; \{12^7, 6^{10}, 4, 3^4, 2\})$	89478400
12	$\mathcal{O}(0; \{12^7, 6^{10}, 4^3, 3, 2^2\})$	44739584
12	$\mathcal{O}(0; \{12^7, 6^{11}, 4, 3^2, 2^2\})$	44739328
12	$\mathcal{O}(0; \{12^7, 6^{12}, 4, 2^3\})$	22369536
12	$\mathcal{O}(0; \{12^7, 6^{12}, 4^3\})$	89478144
12	$\mathcal{O}(0; \{12^7, 6^{13}, 4, 3\})$	89478400
12	$\mathcal{O}(0; \{12^8, 3^2, 2^{20}\})$	43776
12	$\mathcal{O}(0; \{12^8, 3^5, 2^{16}\})$	349440
12	$\mathcal{O}(0; \{12^8, 3^8, 2^{12}\})$	2796288
12	$\mathcal{O}(0; \{12^8, 3^{11}, 2^8\})$	22369536
12	$\mathcal{O}(0; \{12^8, 3^{14}, 2^4\})$	178957056
12	$\mathcal{O}(0; \{12^8, 3^{17}\})$	1431655680
12	$\mathcal{O}(0; \{12^8, 4^2, 3^2, 2^{17}\})$	175104
12	$\mathcal{O}(0; \{12^8, 4^2, 3^5, 2^{13}\})$	1397760
12	$\mathcal{O}(0; \{12^8, 4^2, 3^8, 2^9\})$	11185152
12	$\mathcal{O}(0; \{12^8, 4^2, 3^{11}, 2^5\})$	89478144
12	$\mathcal{O}(0; \{12^8, 4^2, 3^{14}, 2\})$	715828224
12	$\mathcal{O}(0; \{12^8, 4^4, 3^2, 2^{14}\})$	700416
12	$\mathcal{O}(0; \{12^8, 4^4, 3^5, 2^{10}\})$	5591040
12	$\mathcal{O}(0; \{12^8, 4^4, 3^8, 2^6\})$	44740608
12	$\mathcal{O}(0; \{12^8, 4^4, 3^{11}, 2^2\})$	357912576

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^8, 4^6, 3^2, 2^{11}\})$	2801664
12	$\mathcal{O}(0; \{12^8, 4^6, 3^5, 2^7\})$	22364160
12	$\mathcal{O}(0; \{12^8, 4^6, 3^8, 2^3\})$	178962432
12	$\mathcal{O}(0; \{12^8, 4^8, 3^2, 2^8\})$	11206656
12	$\mathcal{O}(0; \{12^8, 4^8, 3^5, 2^4\})$	89456640
12	$\mathcal{O}(0; \{12^8, 4^8, 3^8\})$	715849728
12	$\mathcal{O}(0; \{12^8, 4^{10}, 3^2, 2^5\})$	44826624
12	$\mathcal{O}(0; \{12^8, 4^{10}, 3^5, 2\})$	357826560
12	$\mathcal{O}(0; \{12^8, 4^{12}, 3^2, 2^2\})$	179306496
12	$\mathcal{O}(0; \{12^8, 6, 2^{21}\})$	21760
12	$\mathcal{O}(0; \{12^8, 6, 3^3, 2^{17}\})$	174848
12	$\mathcal{O}(0; \{12^8, 6, 3^6, 2^{13}\})$	1398016
12	$\mathcal{O}(0; \{12^8, 6, 3^9, 2^9\})$	11184896
12	$\mathcal{O}(0; \{12^8, 6, 3^{12}, 2^5\})$	89478400
12	$\mathcal{O}(0; \{12^8, 6, 3^{15}, 2\})$	715827968
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 2^{18}\})$	87040
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^3, 2^{14}\})$	699392
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^6, 2^{10}\})$	5592064
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^9, 2^6\})$	44739584
12	$\mathcal{O}(0; \{12^8, 6, 4^2, 3^{12}, 2^2\})$	357913600
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 2^{15}\})$	348160
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 3^3, 2^{11}\})$	2797568
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 3^6, 2^7\})$	22368256
12	$\mathcal{O}(0; \{12^8, 6, 4^4, 3^9, 2^3\})$	178958336
12	$\mathcal{O}(0; \{12^8, 6, 4^6, 2^{12}\})$	1392640
12	$\mathcal{O}(0; \{12^8, 6, 4^6, 3^3, 2^8\})$	11190272
12	$\mathcal{O}(0; \{12^8, 6, 4^6, 3^6, 2^4\})$	89473024
12	$\mathcal{O}(0; \{12^8, 6, 4^6, 3^9\})$	715833344
12	$\mathcal{O}(0; \{12^8, 6, 4^8, 2^9\})$	5570560
12	$\mathcal{O}(0; \{12^8, 6, 4^8, 3^3, 2^5\})$	44761088
12	$\mathcal{O}(0; \{12^8, 6, 4^8, 3^6, 2\})$	357892096
12	$\mathcal{O}(0; \{12^8, 6, 4^{10}, 2^6\})$	22282240
12	$\mathcal{O}(0; \{12^8, 6, 4^{10}, 3^3, 2^2\})$	179044352
12	$\mathcal{O}(0; \{12^8, 6, 4^{12}, 2^3\})$	89128960
12	$\mathcal{O}(0; \{12^8, 6, 4^{14}\})$	356515840
12	$\mathcal{O}(0; \{12^8, 6^2, 3, 2^{18}\})$	87296
12	$\mathcal{O}(0; \{12^8, 6^2, 3^4, 2^{14}\})$	699136
12	$\mathcal{O}(0; \{12^8, 6^2, 3^7, 2^{10}\})$	5592320
12	$\mathcal{O}(0; \{12^8, 6^2, 3^{10}, 2^6\})$	44739328
12	$\mathcal{O}(0; \{12^8, 6^2, 3^{13}, 2^2\})$	357913856
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3, 2^{15}\})$	349184
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3^4, 2^{11}\})$	2796544
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3^7, 2^7\})$	22369280

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^8, 6^2, 4^2, 3^{10}, 2^3\})$	178957312
12	$\mathcal{O}(0; \{12^8, 6^2, 4^4, 3, 2^{12}\})$	1396736
12	$\mathcal{O}(0; \{12^8, 6^2, 4^4, 3^4, 2^8\})$	11186176
12	$\mathcal{O}(0; \{12^8, 6^2, 4^4, 3^7, 2^4\})$	89477120
12	$\mathcal{O}(0; \{12^8, 6^2, 4^4, 3^{10}\})$	715829248
12	$\mathcal{O}(0; \{12^8, 6^2, 4^6, 3, 2^9\})$	5586944
12	$\mathcal{O}(0; \{12^8, 6^2, 4^6, 3^4, 2^5\})$	44744704
12	$\mathcal{O}(0; \{12^8, 6^2, 4^6, 3^7, 2\})$	357908480
12	$\mathcal{O}(0; \{12^8, 6^2, 4^8, 3, 2^6\})$	22347776
12	$\mathcal{O}(0; \{12^8, 6^2, 4^8, 3^4, 2^2\})$	178978816
12	$\mathcal{O}(0; \{12^8, 6^2, 4^{10}, 3, 2^3\})$	89391104
12	$\mathcal{O}(0; \{12^8, 6^2, 4^{12}, 3\})$	357564416
12	$\mathcal{O}(0; \{12^8, 6^3, 3^2, 2^{15}\})$	349440
12	$\mathcal{O}(0; \{12^8, 6^3, 3^5, 2^{11}\})$	2796288
12	$\mathcal{O}(0; \{12^8, 6^3, 3^8, 2^7\})$	22369536
12	$\mathcal{O}(0; \{12^8, 6^3, 3^{11}, 2^3\})$	178957056
12	$\mathcal{O}(0; \{12^8, 6^3, 4^2, 3^2, 2^{12}\})$	1397760
12	$\mathcal{O}(0; \{12^8, 6^3, 4^2, 3^5, 2^8\})$	11185152
12	$\mathcal{O}(0; \{12^8, 6^3, 4^2, 3^8, 2^4\})$	89478144
12	$\mathcal{O}(0; \{12^8, 6^3, 4^2, 3^{11}\})$	715828224
12	$\mathcal{O}(0; \{12^8, 6^3, 4^4, 3^2, 2^9\})$	5591040
12	$\mathcal{O}(0; \{12^8, 6^3, 4^4, 3^5, 2^5\})$	44740608
12	$\mathcal{O}(0; \{12^8, 6^3, 4^4, 3^8, 2\})$	357912576
12	$\mathcal{O}(0; \{12^8, 6^3, 4^6, 3^2, 2^6\})$	22364160
12	$\mathcal{O}(0; \{12^8, 6^3, 4^6, 3^5, 2^2\})$	178962432
12	$\mathcal{O}(0; \{12^8, 6^3, 4^8, 3^2, 2^3\})$	89456640
12	$\mathcal{O}(0; \{12^8, 6^3, 4^{10}, 3^2\})$	357826560
12	$\mathcal{O}(0; \{12^8, 6^4, 2^{16}\})$	174848
12	$\mathcal{O}(0; \{12^8, 6^4, 3^3, 2^{12}\})$	1398016
12	$\mathcal{O}(0; \{12^8, 6^4, 3^6, 2^8\})$	11184896
12	$\mathcal{O}(0; \{12^8, 6^4, 3^9, 2^4\})$	89478400
12	$\mathcal{O}(0; \{12^8, 6^4, 3^{12}\})$	715827968
12	$\mathcal{O}(0; \{12^8, 6^4, 4^2, 2^{13}\})$	699392
12	$\mathcal{O}(0; \{12^8, 6^4, 4^2, 3^3, 2^9\})$	5592064
12	$\mathcal{O}(0; \{12^8, 6^4, 4^2, 3^6, 2^5\})$	44739584
12	$\mathcal{O}(0; \{12^8, 6^4, 4^2, 3^9, 2\})$	357913600
12	$\mathcal{O}(0; \{12^8, 6^4, 4^4, 2^{10}\})$	2797568
12	$\mathcal{O}(0; \{12^8, 6^4, 4^4, 3^3, 2^6\})$	22368256
12	$\mathcal{O}(0; \{12^8, 6^4, 4^4, 3^6, 2^2\})$	178958336
12	$\mathcal{O}(0; \{12^8, 6^4, 4^6, 2^7\})$	11190272
12	$\mathcal{O}(0; \{12^8, 6^4, 4^6, 3^3, 2^3\})$	89473024
12	$\mathcal{O}(0; \{12^8, 6^4, 4^8, 2^4\})$	44761088
12	$\mathcal{O}(0; \{12^8, 6^4, 4^8, 3^3\})$	357892096

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^8, 6^4, 4^{10}, 2\})$	179044352
12	$\mathcal{O}(0; \{12^8, 6^5, 3, 2^{13}\})$	699136
12	$\mathcal{O}(0; \{12^8, 6^5, 3^4, 2^9\})$	5592320
12	$\mathcal{O}(0; \{12^8, 6^5, 3^7, 2^5\})$	44739328
12	$\mathcal{O}(0; \{12^8, 6^5, 3^{10}, 2\})$	357913856
12	$\mathcal{O}(0; \{12^8, 6^5, 4^2, 3, 2^{10}\})$	2796544
12	$\mathcal{O}(0; \{12^8, 6^5, 4^2, 3^4, 2^6\})$	22369280
12	$\mathcal{O}(0; \{12^8, 6^5, 4^2, 3^7, 2^2\})$	178957312
12	$\mathcal{O}(0; \{12^8, 6^5, 4^4, 3, 2^7\})$	11186176
12	$\mathcal{O}(0; \{12^8, 6^5, 4^4, 3^4, 2^3\})$	89477120
12	$\mathcal{O}(0; \{12^8, 6^5, 4^6, 3, 2^4\})$	44744704
12	$\mathcal{O}(0; \{12^8, 6^5, 4^6, 3^4\})$	357908480
12	$\mathcal{O}(0; \{12^8, 6^5, 4^8, 3, 2\})$	178978816
12	$\mathcal{O}(0; \{12^8, 6^6, 3^2, 2^{10}\})$	2796288
12	$\mathcal{O}(0; \{12^8, 6^6, 3^5, 2^6\})$	22369536
12	$\mathcal{O}(0; \{12^8, 6^6, 3^8, 2^2\})$	178957056
12	$\mathcal{O}(0; \{12^8, 6^6, 4^2, 3^2, 2^7\})$	11185152
12	$\mathcal{O}(0; \{12^8, 6^6, 4^2, 3^5, 2^3\})$	89478144
12	$\mathcal{O}(0; \{12^8, 6^6, 4^4, 3^2, 2^4\})$	44740608
12	$\mathcal{O}(0; \{12^8, 6^6, 4^4, 3^5\})$	357912576
12	$\mathcal{O}(0; \{12^8, 6^6, 4^6, 3^2, 2\})$	178962432
12	$\mathcal{O}(0; \{12^8, 6^7, 2^{11}\})$	1398016
12	$\mathcal{O}(0; \{12^8, 6^7, 3^3, 2^7\})$	11184896
12	$\mathcal{O}(0; \{12^8, 6^7, 3^6, 2^3\})$	89478400
12	$\mathcal{O}(0; \{12^8, 6^7, 4^2, 2^8\})$	5592064
12	$\mathcal{O}(0; \{12^8, 6^7, 4^2, 3^3, 2^4\})$	44739584
12	$\mathcal{O}(0; \{12^8, 6^7, 4^2, 3^6\})$	357913600
12	$\mathcal{O}(0; \{12^8, 6^7, 4^4, 2^5\})$	22368256
12	$\mathcal{O}(0; \{12^8, 6^7, 4^4, 3^3, 2\})$	178958336
12	$\mathcal{O}(0; \{12^8, 6^7, 4^6, 2^2\})$	89473024
12	$\mathcal{O}(0; \{12^8, 6^8, 3, 2^8\})$	5592320
12	$\mathcal{O}(0; \{12^8, 6^8, 3^4, 2^4\})$	44739328
12	$\mathcal{O}(0; \{12^8, 6^8, 3^7\})$	357913856
12	$\mathcal{O}(0; \{12^8, 6^8, 4^2, 3, 2^5\})$	22369280
12	$\mathcal{O}(0; \{12^8, 6^8, 4^2, 3^4, 2\})$	178957312
12	$\mathcal{O}(0; \{12^8, 6^8, 4^4, 3, 2^2\})$	89477120
12	$\mathcal{O}(0; \{12^8, 6^9, 3^2, 2^5\})$	22369536
12	$\mathcal{O}(0; \{12^8, 6^9, 3^5, 2\})$	178957056
12	$\mathcal{O}(0; \{12^8, 6^9, 4^2, 3^2, 2^2\})$	89478144
12	$\mathcal{O}(0; \{12^8, 6^{10}, 2^6\})$	11184896
12	$\mathcal{O}(0; \{12^8, 6^{10}, 3^3, 2^2\})$	89478400
12	$\mathcal{O}(0; \{12^8, 6^{10}, 4^2, 2^3\})$	44739584
12	$\mathcal{O}(0; \{12^8, 6^{10}, 4^4\})$	178958336

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^8, 6^{11}, 3, 2^3\})$	44739328
12	$\mathcal{O}(0; \{12^8, 6^{11}, 4^2, 3\})$	178957312
12	$\mathcal{O}(0; \{12^8, 6^{12}, 3^2\})$	178957056
12	$\mathcal{O}(0; \{12^8, 6^{13}, 2\})$	89478400
12	$\mathcal{O}(0; \{12^9, 4, 3, 2^{18}\})$	175104
12	$\mathcal{O}(0; \{12^9, 4, 3^4, 2^{14}\})$	1397760
12	$\mathcal{O}(0; \{12^9, 4, 3^7, 2^{10}\})$	11185152
12	$\mathcal{O}(0; \{12^9, 4, 3^{10}, 2^6\})$	89478144
12	$\mathcal{O}(0; \{12^9, 4, 3^{13}, 2^2\})$	715828224
12	$\mathcal{O}(0; \{12^9, 4^3, 3, 2^{15}\})$	700416
12	$\mathcal{O}(0; \{12^9, 4^3, 3^4, 2^{11}\})$	5591040
12	$\mathcal{O}(0; \{12^9, 4^3, 3^7, 2^7\})$	44740608
12	$\mathcal{O}(0; \{12^9, 4^3, 3^{10}, 2^3\})$	357912576
12	$\mathcal{O}(0; \{12^9, 4^5, 3, 2^{12}\})$	2801664
12	$\mathcal{O}(0; \{12^9, 4^5, 3^4, 2^8\})$	22364160
12	$\mathcal{O}(0; \{12^9, 4^5, 3^7, 2^4\})$	178962432
12	$\mathcal{O}(0; \{12^9, 4^5, 3^{10}\})$	1431650304
12	$\mathcal{O}(0; \{12^9, 4^7, 3, 2^9\})$	11206656
12	$\mathcal{O}(0; \{12^9, 4^7, 3^4, 2^5\})$	89456640
12	$\mathcal{O}(0; \{12^9, 4^7, 3^7, 2\})$	715849728
12	$\mathcal{O}(0; \{12^9, 4^9, 3, 2^6\})$	44826624
12	$\mathcal{O}(0; \{12^9, 4^9, 3^4, 2^2\})$	357826560
12	$\mathcal{O}(0; \{12^9, 4^{11}, 3, 2^3\})$	179306496
12	$\mathcal{O}(0; \{12^9, 4^{13}, 3\})$	717225984
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^2, 2^{15}\})$	699392
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^5, 2^{11}\})$	5592064
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^8, 2^7\})$	44739584
12	$\mathcal{O}(0; \{12^9, 6, 4, 3^{11}, 2^3\})$	357913600
12	$\mathcal{O}(0; \{12^9, 6, 4^3, 3^2, 2^{12}\})$	2797568
12	$\mathcal{O}(0; \{12^9, 6, 4^3, 3^5, 2^8\})$	22368256
12	$\mathcal{O}(0; \{12^9, 6, 4^3, 3^8, 2^4\})$	178958336
12	$\mathcal{O}(0; \{12^9, 6, 4^3, 3^{11}\})$	1431654400
12	$\mathcal{O}(0; \{12^9, 6, 4^5, 3^2, 2^9\})$	11190272
12	$\mathcal{O}(0; \{12^9, 6, 4^5, 3^5, 2^5\})$	89473024
12	$\mathcal{O}(0; \{12^9, 6, 4^5, 3^8, 2\})$	715833344
12	$\mathcal{O}(0; \{12^9, 6, 4^7, 3^2, 2^6\})$	44761088
12	$\mathcal{O}(0; \{12^9, 6, 4^7, 3^5, 2^2\})$	357892096
12	$\mathcal{O}(0; \{12^9, 6, 4^9, 3^2, 2^3\})$	179044352
12	$\mathcal{O}(0; \{12^9, 6, 4^{11}, 3^2\})$	716177408
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 2^{16}\})$	349184
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 3^3, 2^{12}\})$	2796544
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 3^6, 2^8\})$	22369280
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 3^9, 2^4\})$	178957312

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^9, 6^2, 4, 3^{12}\})$	1431655424
12	$\mathcal{O}(0; \{12^9, 6^2, 4^3, 2^{13}\})$	1396736
12	$\mathcal{O}(0; \{12^9, 6^2, 4^3, 3^3, 2^9\})$	11186176
12	$\mathcal{O}(0; \{12^9, 6^2, 4^3, 3^6, 2^5\})$	89477120
12	$\mathcal{O}(0; \{12^9, 6^2, 4^3, 3^9, 2\})$	715829248
12	$\mathcal{O}(0; \{12^9, 6^2, 4^5, 2^{10}\})$	5586944
12	$\mathcal{O}(0; \{12^9, 6^2, 4^5, 3^3, 2^6\})$	44744704
12	$\mathcal{O}(0; \{12^9, 6^2, 4^5, 3^6, 2^2\})$	357908480
12	$\mathcal{O}(0; \{12^9, 6^2, 4^7, 2^7\})$	22347776
12	$\mathcal{O}(0; \{12^9, 6^2, 4^7, 3^3, 2^3\})$	178978816
12	$\mathcal{O}(0; \{12^9, 6^2, 4^9, 2^4\})$	89391104
12	$\mathcal{O}(0; \{12^9, 6^2, 4^9, 3^3\})$	715915264
12	$\mathcal{O}(0; \{12^9, 6^2, 4^{11}, 2\})$	357564416
12	$\mathcal{O}(0; \{12^9, 6^3, 4, 3, 2^{13}\})$	1397760
12	$\mathcal{O}(0; \{12^9, 6^3, 4, 3^4, 2^9\})$	11185152
12	$\mathcal{O}(0; \{12^9, 6^3, 4, 3^7, 2^5\})$	89478144
12	$\mathcal{O}(0; \{12^9, 6^3, 4, 3^{10}, 2\})$	715828224
12	$\mathcal{O}(0; \{12^9, 6^3, 4^3, 3, 2^{10}\})$	5591040
12	$\mathcal{O}(0; \{12^9, 6^3, 4^3, 3^4, 2^6\})$	44740608
12	$\mathcal{O}(0; \{12^9, 6^3, 4^3, 3^7, 2^2\})$	357912576
12	$\mathcal{O}(0; \{12^9, 6^3, 4^5, 3, 2^7\})$	22364160
12	$\mathcal{O}(0; \{12^9, 6^3, 4^5, 3^4, 2^3\})$	178962432
12	$\mathcal{O}(0; \{12^9, 6^3, 4^7, 3, 2^4\})$	89456640
12	$\mathcal{O}(0; \{12^9, 6^3, 4^7, 3^4\})$	715849728
12	$\mathcal{O}(0; \{12^9, 6^3, 4^9, 3, 2\})$	357826560
12	$\mathcal{O}(0; \{12^9, 6^4, 4, 3^2, 2^{10}\})$	5592064
12	$\mathcal{O}(0; \{12^9, 6^4, 4, 3^5, 2^6\})$	44739584
12	$\mathcal{O}(0; \{12^9, 6^4, 4, 3^8, 2^2\})$	357913600
12	$\mathcal{O}(0; \{12^9, 6^4, 4^3, 3^2, 2^7\})$	22368256
12	$\mathcal{O}(0; \{12^9, 6^4, 4^3, 3^5, 2^3\})$	178958336
12	$\mathcal{O}(0; \{12^9, 6^4, 4^5, 3^2, 2^4\})$	89473024
12	$\mathcal{O}(0; \{12^9, 6^4, 4^5, 3^5\})$	715833344
12	$\mathcal{O}(0; \{12^9, 6^4, 4^7, 3^2, 2\})$	357892096
12	$\mathcal{O}(0; \{12^9, 6^5, 4, 2^{11}\})$	2796544
12	$\mathcal{O}(0; \{12^9, 6^5, 4, 3^3, 2^7\})$	22369280
12	$\mathcal{O}(0; \{12^9, 6^5, 4, 3^6, 2^3\})$	178957312
12	$\mathcal{O}(0; \{12^9, 6^5, 4^3, 2^8\})$	11186176
12	$\mathcal{O}(0; \{12^9, 6^5, 4^3, 3^3, 2^4\})$	89477120
12	$\mathcal{O}(0; \{12^9, 6^5, 4^3, 3^6\})$	715829248
12	$\mathcal{O}(0; \{12^9, 6^5, 4^5, 2^5\})$	44744704
12	$\mathcal{O}(0; \{12^9, 6^5, 4^5, 3^3, 2\})$	357908480
12	$\mathcal{O}(0; \{12^9, 6^5, 4^7, 2^2\})$	178978816
12	$\mathcal{O}(0; \{12^9, 6^6, 4, 3, 2^8\})$	11185152

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^9, 6^6, 4, 3^4, 2^4\})$	89478144
12	$\mathcal{O}(0; \{12^9, 6^6, 4, 3^7\})$	715828224
12	$\mathcal{O}(0; \{12^9, 6^6, 4^3, 3, 2^5\})$	44740608
12	$\mathcal{O}(0; \{12^9, 6^6, 4^3, 3^4, 2\})$	357912576
12	$\mathcal{O}(0; \{12^9, 6^6, 4^5, 3, 2^2\})$	178962432
12	$\mathcal{O}(0; \{12^9, 6^7, 4, 3^2, 2^5\})$	44739584
12	$\mathcal{O}(0; \{12^9, 6^7, 4, 3^5, 2\})$	357913600
12	$\mathcal{O}(0; \{12^9, 6^7, 4^3, 3^2, 2^2\})$	178958336
12	$\mathcal{O}(0; \{12^9, 6^8, 4, 2^6\})$	22369280
12	$\mathcal{O}(0; \{12^9, 6^8, 4, 3^3, 2^2\})$	178957312
12	$\mathcal{O}(0; \{12^9, 6^8, 4^3, 2^3\})$	89477120
12	$\mathcal{O}(0; \{12^9, 6^8, 4^5\})$	357908480
12	$\mathcal{O}(0; \{12^9, 6^9, 4, 3, 2^3\})$	89478144
12	$\mathcal{O}(0; \{12^9, 6^9, 4^3, 3\})$	357912576
12	$\mathcal{O}(0; \{12^9, 6^{10}, 4, 3^2\})$	357913600
12	$\mathcal{O}(0; \{12^9, 6^{11}, 4, 2\})$	178957312
12	$\mathcal{O}(0; \{12^{10}, 2^{19}\})$	175104
12	$\mathcal{O}(0; \{12^{10}, 3^3, 2^{15}\})$	1397760
12	$\mathcal{O}(0; \{12^{10}, 3^6, 2^{11}\})$	11185152
12	$\mathcal{O}(0; \{12^{10}, 3^9, 2^7\})$	89478144
12	$\mathcal{O}(0; \{12^{10}, 3^{12}, 2^3\})$	715828224
12	$\mathcal{O}(0; \{12^{10}, 4^2, 2^{16}\})$	700416
12	$\mathcal{O}(0; \{12^{10}, 4^2, 3^3, 2^{12}\})$	5591040
12	$\mathcal{O}(0; \{12^{10}, 4^2, 3^6, 2^8\})$	44740608
12	$\mathcal{O}(0; \{12^{10}, 4^2, 3^9, 2^4\})$	357912576
12	$\mathcal{O}(0; \{12^{10}, 4^2, 3^{12}\})$	2863312896
12	$\mathcal{O}(0; \{12^{10}, 4^4, 2^{13}\})$	2801664
12	$\mathcal{O}(0; \{12^{10}, 4^4, 3^3, 2^9\})$	22364160
12	$\mathcal{O}(0; \{12^{10}, 4^4, 3^6, 2^5\})$	178962432
12	$\mathcal{O}(0; \{12^{10}, 4^4, 3^9, 2\})$	1431650304
12	$\mathcal{O}(0; \{12^{10}, 4^6, 2^{10}\})$	11206656
12	$\mathcal{O}(0; \{12^{10}, 4^6, 3^3, 2^6\})$	89456640
12	$\mathcal{O}(0; \{12^{10}, 4^6, 3^6, 2^2\})$	715849728
12	$\mathcal{O}(0; \{12^{10}, 4^8, 2^7\})$	44826624
12	$\mathcal{O}(0; \{12^{10}, 4^8, 3^3, 2^3\})$	357826560
12	$\mathcal{O}(0; \{12^{10}, 4^{10}, 2^4\})$	179306496
12	$\mathcal{O}(0; \{12^{10}, 4^{10}, 3^3\})$	1431306240
12	$\mathcal{O}(0; \{12^{10}, 4^{12}, 2\})$	717225984
12	$\mathcal{O}(0; \{12^{10}, 6, 3, 2^{16}\})$	699392
12	$\mathcal{O}(0; \{12^{10}, 6, 3^4, 2^{12}\})$	5592064
12	$\mathcal{O}(0; \{12^{10}, 6, 3^7, 2^8\})$	44739584
12	$\mathcal{O}(0; \{12^{10}, 6, 3^{10}, 2^4\})$	357913600
12	$\mathcal{O}(0; \{12^{10}, 6, 3^{13}\})$	2863311872

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{10}, 6, 4^2, 3, 2^{13}\})$	2797568
12	$\mathcal{O}(0; \{12^{10}, 6, 4^2, 3^4, 2^9\})$	22368256
12	$\mathcal{O}(0; \{12^{10}, 6, 4^2, 3^7, 2^5\})$	178958336
12	$\mathcal{O}(0; \{12^{10}, 6, 4^2, 3^{10}, 2\})$	1431654400
12	$\mathcal{O}(0; \{12^{10}, 6, 4^4, 3, 2^{10}\})$	11190272
12	$\mathcal{O}(0; \{12^{10}, 6, 4^4, 3^4, 2^6\})$	89473024
12	$\mathcal{O}(0; \{12^{10}, 6, 4^4, 3^7, 2^2\})$	715833344
12	$\mathcal{O}(0; \{12^{10}, 6, 4^6, 3, 2^7\})$	44761088
12	$\mathcal{O}(0; \{12^{10}, 6, 4^6, 3^4, 2^3\})$	357892096
12	$\mathcal{O}(0; \{12^{10}, 6, 4^8, 3, 2^4\})$	179044352
12	$\mathcal{O}(0; \{12^{10}, 6, 4^8, 3^4\})$	1431568384
12	$\mathcal{O}(0; \{12^{10}, 6, 4^{10}, 3, 2\})$	716177408
12	$\mathcal{O}(0; \{12^{10}, 6^2, 3^2, 2^{13}\})$	2796544
12	$\mathcal{O}(0; \{12^{10}, 6^2, 3^5, 2^9\})$	22369280
12	$\mathcal{O}(0; \{12^{10}, 6^2, 3^8, 2^5\})$	178957312
12	$\mathcal{O}(0; \{12^{10}, 6^2, 3^{11}, 2\})$	1431655424
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^2, 3^2, 2^{10}\})$	11186176
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^2, 3^5, 2^6\})$	89477120
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^2, 3^8, 2^2\})$	715829248
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^4, 3^2, 2^7\})$	44744704
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^4, 3^5, 2^3\})$	357908480
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^6, 3^2, 2^4\})$	178978816
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^6, 3^5\})$	1431633920
12	$\mathcal{O}(0; \{12^{10}, 6^2, 4^8, 3^2, 2\})$	715915264
12	$\mathcal{O}(0; \{12^{10}, 6^3, 2^{14}\})$	1397760
12	$\mathcal{O}(0; \{12^{10}, 6^3, 3^3, 2^{10}\})$	11185152
12	$\mathcal{O}(0; \{12^{10}, 6^3, 3^6, 2^6\})$	89478144
12	$\mathcal{O}(0; \{12^{10}, 6^3, 3^9, 2^2\})$	715828224
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^2, 2^{11}\})$	5591040
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^2, 3^3, 2^7\})$	44740608
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^2, 3^6, 2^3\})$	357912576
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^4, 2^8\})$	22364160
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^4, 3^3, 2^4\})$	178962432
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^4, 3^6\})$	1431650304
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^6, 2^5\})$	89456640
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^6, 3^3, 2\})$	715849728
12	$\mathcal{O}(0; \{12^{10}, 6^3, 4^8, 2^2\})$	357826560
12	$\mathcal{O}(0; \{12^{10}, 6^4, 3, 2^{11}\})$	5592064
12	$\mathcal{O}(0; \{12^{10}, 6^4, 3^4, 2^7\})$	44739584
12	$\mathcal{O}(0; \{12^{10}, 6^4, 3^7, 2^3\})$	357913600
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^2, 3, 2^8\})$	22368256
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^2, 3^4, 2^4\})$	178958336
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^2, 3^7\})$	1431654400

Continued on next page

Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^4, 3, 2^5\})$	89473024
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^4, 3^4, 2\})$	715833344
12	$\mathcal{O}(0; \{12^{10}, 6^4, 4^6, 3, 2^2\})$	357892096
12	$\mathcal{O}(0; \{12^{10}, 6^5, 3^2, 2^8\})$	22369280
12	$\mathcal{O}(0; \{12^{10}, 6^5, 3^5, 2^4\})$	178957312
12	$\mathcal{O}(0; \{12^{10}, 6^5, 3^8\})$	1431655424
12	$\mathcal{O}(0; \{12^{10}, 6^5, 4^2, 3^2, 2^5\})$	89477120
12	$\mathcal{O}(0; \{12^{10}, 6^5, 4^2, 3^5, 2\})$	715829248
12	$\mathcal{O}(0; \{12^{10}, 6^5, 4^4, 3^2, 2^2\})$	357908480
12	$\mathcal{O}(0; \{12^{10}, 6^6, 2^9\})$	11185152
12	$\mathcal{O}(0; \{12^{10}, 6^6, 3^3, 2^5\})$	89478144
12	$\mathcal{O}(0; \{12^{10}, 6^6, 3^6, 2\})$	715828224
12	$\mathcal{O}(0; \{12^{10}, 6^6, 4^2, 2^6\})$	44740608
12	$\mathcal{O}(0; \{12^{10}, 6^6, 4^2, 3^3, 2^2\})$	357912576
12	$\mathcal{O}(0; \{12^{10}, 6^6, 4^4, 2^3\})$	178962432
12	$\mathcal{O}(0; \{12^{10}, 6^6, 4^6\})$	715849728
12	$\mathcal{O}(0; \{12^{10}, 6^7, 3, 2^6\})$	44739584
12	$\mathcal{O}(0; \{12^{10}, 6^7, 3^4, 2^2\})$	357913600
12	$\mathcal{O}(0; \{12^{10}, 6^7, 4^2, 3, 2^3\})$	178958336
12	$\mathcal{O}(0; \{12^{10}, 6^7, 4^4, 3\})$	715833344
12	$\mathcal{O}(0; \{12^{10}, 6^8, 3^2, 2^3\})$	178957312
12	$\mathcal{O}(0; \{12^{10}, 6^8, 4^2, 3^2\})$	715829248
12	$\mathcal{O}(0; \{12^{10}, 6^9, 2^4\})$	89478144
12	$\mathcal{O}(0; \{12^{10}, 6^9, 3^3\})$	715828224
12	$\mathcal{O}(0; \{12^{10}, 6^9, 4^2, 2\})$	357912576
12	$\mathcal{O}(0; \{12^{10}, 6^{10}, 3, 2\})$	357913600
12	$\mathcal{O}(0; \{12^{11}, 4, 3^2, 2^{13}\})$	5591040
12	$\mathcal{O}(0; \{12^{11}, 4, 3^5, 2^9\})$	44740608
12	$\mathcal{O}(0; \{12^{11}, 4, 3^8, 2^5\})$	357912576
12	$\mathcal{O}(0; \{12^{11}, 4, 3^{11}, 2\})$	2863312896
12	$\mathcal{O}(0; \{12^{11}, 4^3, 3^2, 2^{10}\})$	22364160
12	$\mathcal{O}(0; \{12^{11}, 4^3, 3^5, 2^6\})$	178962432
12	$\mathcal{O}(0; \{12^{11}, 4^3, 3^8, 2^2\})$	1431650304
12	$\mathcal{O}(0; \{12^{11}, 4^5, 3^2, 2^7\})$	89456640
12	$\mathcal{O}(0; \{12^{11}, 4^5, 3^5, 2^3\})$	715849728
12	$\mathcal{O}(0; \{12^{11}, 4^7, 3^2, 2^4\})$	357826560
12	$\mathcal{O}(0; \{12^{11}, 4^7, 3^5\})$	2863398912
12	$\mathcal{O}(0; \{12^{11}, 4^9, 3^2, 2\})$	1431306240
12	$\mathcal{O}(0; \{12^{11}, 6, 4, 2^{14}\})$	2797568
12	$\mathcal{O}(0; \{12^{11}, 6, 4, 3^3, 2^{10}\})$	22368256
12	$\mathcal{O}(0; \{12^{11}, 6, 4, 3^6, 2^6\})$	178958336
12	$\mathcal{O}(0; \{12^{11}, 6, 4, 3^9, 2^2\})$	1431654400
12	$\mathcal{O}(0; \{12^{11}, 6, 4^3, 2^{11}\})$	11190272

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{11}, 6, 4^3, 3^3, 2^7\})$	89473024
12	$\mathcal{O}(0; \{12^{11}, 6, 4^3, 3^6, 2^3\})$	715833344
12	$\mathcal{O}(0; \{12^{11}, 6, 4^5, 2^8\})$	44761088
12	$\mathcal{O}(0; \{12^{11}, 6, 4^5, 3^3, 2^4\})$	357892096
12	$\mathcal{O}(0; \{12^{11}, 6, 4^5, 3^6\})$	2863333376
12	$\mathcal{O}(0; \{12^{11}, 6, 4^7, 2^5\})$	179044352
12	$\mathcal{O}(0; \{12^{11}, 6, 4^7, 3^3, 2\})$	1431568384
12	$\mathcal{O}(0; \{12^{11}, 6, 4^9, 2^2\})$	716177408
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4, 3, 2^{11}\})$	11186176
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4, 3^4, 2^7\})$	89477120
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4, 3^7, 2^3\})$	715829248
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^3, 3, 2^8\})$	44744704
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^3, 3^4, 2^4\})$	357908480
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^3, 3^7\})$	2863316992
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^5, 3, 2^5\})$	178978816
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^5, 3^4, 2\})$	1431633920
12	$\mathcal{O}(0; \{12^{11}, 6^2, 4^7, 3, 2^2\})$	715915264
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4, 3^2, 2^8\})$	44740608
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4, 3^5, 2^4\})$	357912576
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4, 3^8\})$	2863312896
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4^3, 3^2, 2^5\})$	178962432
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4^3, 3^5, 2\})$	1431650304
12	$\mathcal{O}(0; \{12^{11}, 6^3, 4^5, 3^2, 2^2\})$	715849728
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4, 2^9\})$	22368256
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4, 3^3, 2^5\})$	178958336
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4, 3^6, 2\})$	1431654400
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4^3, 2^6\})$	89473024
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4^3, 3^3, 2^2\})$	715833344
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4^5, 2^3\})$	357892096
12	$\mathcal{O}(0; \{12^{11}, 6^4, 4^7\})$	1431568384
12	$\mathcal{O}(0; \{12^{11}, 6^5, 4, 3, 2^6\})$	89477120
12	$\mathcal{O}(0; \{12^{11}, 6^5, 4, 3^4, 2^2\})$	715829248
12	$\mathcal{O}(0; \{12^{11}, 6^5, 4^3, 3, 2^3\})$	357908480
12	$\mathcal{O}(0; \{12^{11}, 6^5, 4^5, 3\})$	1431633920
12	$\mathcal{O}(0; \{12^{11}, 6^6, 4, 3^2, 2^3\})$	357912576
12	$\mathcal{O}(0; \{12^{11}, 6^6, 4^3, 3^2\})$	1431650304
12	$\mathcal{O}(0; \{12^{11}, 6^7, 4, 2^4\})$	178958336
12	$\mathcal{O}(0; \{12^{11}, 6^7, 4, 3^3\})$	1431654400
12	$\mathcal{O}(0; \{12^{11}, 6^7, 4^3, 2\})$	715833344
12	$\mathcal{O}(0; \{12^{11}, 6^8, 4, 3, 2\})$	715829248
12	$\mathcal{O}(0; \{12^{12}, 3, 2^{14}\})$	5591040
12	$\mathcal{O}(0; \{12^{12}, 3^4, 2^{10}\})$	44740608
12	$\mathcal{O}(0; \{12^{12}, 3^7, 2^6\})$	357912576

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{12}, 3^{10}, 2^2\})$	2863312896
12	$\mathcal{O}(0; \{12^{12}, 4^2, 3, 2^{11}\})$	22364160
12	$\mathcal{O}(0; \{12^{12}, 4^2, 3^4, 2^7\})$	178962432
12	$\mathcal{O}(0; \{12^{12}, 4^2, 3^7, 2^3\})$	1431650304
12	$\mathcal{O}(0; \{12^{12}, 4^4, 3, 2^8\})$	89456640
12	$\mathcal{O}(0; \{12^{12}, 4^4, 3^4, 2^4\})$	715849728
12	$\mathcal{O}(0; \{12^{12}, 4^4, 3^7\})$	5726601216
12	$\mathcal{O}(0; \{12^{12}, 4^6, 3, 2^5\})$	357826560
12	$\mathcal{O}(0; \{12^{12}, 4^6, 3^4, 2\})$	2863398912
12	$\mathcal{O}(0; \{12^{12}, 4^8, 3, 2^2\})$	1431306240
12	$\mathcal{O}(0; \{12^{12}, 6, 3^2, 2^{11}\})$	22368256
12	$\mathcal{O}(0; \{12^{12}, 6, 3^5, 2^7\})$	178958336
12	$\mathcal{O}(0; \{12^{12}, 6, 3^8, 2^3\})$	1431654400
12	$\mathcal{O}(0; \{12^{12}, 6, 4^2, 3^2, 2^8\})$	89473024
12	$\mathcal{O}(0; \{12^{12}, 6, 4^2, 3^5, 2^4\})$	715833344
12	$\mathcal{O}(0; \{12^{12}, 6, 4^2, 3^8\})$	5726617600
12	$\mathcal{O}(0; \{12^{12}, 6, 4^4, 3^2, 2^5\})$	357892096
12	$\mathcal{O}(0; \{12^{12}, 6, 4^4, 3^5, 2\})$	2863333376
12	$\mathcal{O}(0; \{12^{12}, 6, 4^6, 3^2, 2^2\})$	1431568384
12	$\mathcal{O}(0; \{12^{12}, 6^2, 2^{12}\})$	11186176
12	$\mathcal{O}(0; \{12^{12}, 6^2, 3^3, 2^8\})$	89477120
12	$\mathcal{O}(0; \{12^{12}, 6^2, 3^6, 2^4\})$	715829248
12	$\mathcal{O}(0; \{12^{12}, 6^2, 3^9\})$	5726621696
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^2, 2^9\})$	44744704
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^2, 3^3, 2^5\})$	357908480
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^2, 3^6, 2\})$	2863316992
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^4, 2^6\})$	178978816
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^4, 3^3, 2^2\})$	1431633920
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^6, 2^3\})$	715915264
12	$\mathcal{O}(0; \{12^{12}, 6^2, 4^8\})$	2863661056
12	$\mathcal{O}(0; \{12^{12}, 6^3, 3, 2^9\})$	44740608
12	$\mathcal{O}(0; \{12^{12}, 6^3, 3^4, 2^5\})$	357912576
12	$\mathcal{O}(0; \{12^{12}, 6^3, 3^7, 2\})$	2863312896
12	$\mathcal{O}(0; \{12^{12}, 6^3, 4^2, 3, 2^6\})$	178962432
12	$\mathcal{O}(0; \{12^{12}, 6^3, 4^2, 3^4, 2^2\})$	1431650304
12	$\mathcal{O}(0; \{12^{12}, 6^3, 4^4, 3, 2^3\})$	715849728
12	$\mathcal{O}(0; \{12^{12}, 6^3, 4^6, 3\})$	2863398912
12	$\mathcal{O}(0; \{12^{12}, 6^4, 3^2, 2^6\})$	178958336
12	$\mathcal{O}(0; \{12^{12}, 6^4, 3^5, 2^2\})$	1431654400
12	$\mathcal{O}(0; \{12^{12}, 6^4, 4^2, 3^2, 2^3\})$	715833344
12	$\mathcal{O}(0; \{12^{12}, 6^4, 4^4, 3^2\})$	2863333376
12	$\mathcal{O}(0; \{12^{12}, 6^5, 2^7\})$	89477120
12	$\mathcal{O}(0; \{12^{12}, 6^5, 3^3, 2^3\})$	715829248

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{12}, 6^5, 4^2, 2^4\})$	357908480
12	$\mathcal{O}(0; \{12^{12}, 6^5, 4^2, 3^3\})$	2863316992
12	$\mathcal{O}(0; \{12^{12}, 6^5, 4^4, 2\})$	1431633920
12	$\mathcal{O}(0; \{12^{12}, 6^6, 3, 2^4\})$	357912576
12	$\mathcal{O}(0; \{12^{12}, 6^6, 3^4\})$	2863312896
12	$\mathcal{O}(0; \{12^{12}, 6^6, 4^2, 3, 2\})$	1431650304
12	$\mathcal{O}(0; \{12^{12}, 6^7, 3^2, 2\})$	1431654400
12	$\mathcal{O}(0; \{12^{12}, 6^8, 2^2\})$	715829248
12	$\mathcal{O}(0; \{12^{13}, 4, 2^{12}\})$	22364160
12	$\mathcal{O}(0; \{12^{13}, 4, 3^3, 2^8\})$	178962432
12	$\mathcal{O}(0; \{12^{13}, 4, 3^6, 2^4\})$	1431650304
12	$\mathcal{O}(0; \{12^{13}, 4, 3^9\})$	11453251584
12	$\mathcal{O}(0; \{12^{13}, 4^3, 2^9\})$	89456640
12	$\mathcal{O}(0; \{12^{13}, 4^3, 3^3, 2^5\})$	715849728
12	$\mathcal{O}(0; \{12^{13}, 4^3, 3^6, 2\})$	5726601216
12	$\mathcal{O}(0; \{12^{13}, 4^5, 2^6\})$	357826560
12	$\mathcal{O}(0; \{12^{13}, 4^5, 3^3, 2^2\})$	2863398912
12	$\mathcal{O}(0; \{12^{13}, 4^7, 2^3\})$	1431306240
12	$\mathcal{O}(0; \{12^{13}, 4^9\})$	5725224960
12	$\mathcal{O}(0; \{12^{13}, 6, 4, 3, 2^9\})$	89473024
12	$\mathcal{O}(0; \{12^{13}, 6, 4, 3^4, 2^5\})$	715833344
12	$\mathcal{O}(0; \{12^{13}, 6, 4, 3^7, 2\})$	5726617600
12	$\mathcal{O}(0; \{12^{13}, 6, 4^3, 3, 2^6\})$	357892096
12	$\mathcal{O}(0; \{12^{13}, 6, 4^3, 3^4, 2^2\})$	2863333376
12	$\mathcal{O}(0; \{12^{13}, 6, 4^5, 3, 2^3\})$	1431568384
12	$\mathcal{O}(0; \{12^{13}, 6, 4^7, 3\})$	5726273536
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4, 3^2, 2^6\})$	357908480
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4, 3^5, 2^2\})$	2863316992
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4^3, 3^2, 2^3\})$	1431633920
12	$\mathcal{O}(0; \{12^{13}, 6^2, 4^5, 3^2\})$	5726535680
12	$\mathcal{O}(0; \{12^{13}, 6^3, 4, 2^7\})$	178962432
12	$\mathcal{O}(0; \{12^{13}, 6^3, 4, 3^3, 2^3\})$	1431650304
12	$\mathcal{O}(0; \{12^{13}, 6^3, 4^3, 2^4\})$	715849728
12	$\mathcal{O}(0; \{12^{13}, 6^3, 4^3, 3^3\})$	5726601216
12	$\mathcal{O}(0; \{12^{13}, 6^3, 4^5, 2\})$	2863398912
12	$\mathcal{O}(0; \{12^{13}, 6^4, 4, 3, 2^4\})$	715833344
12	$\mathcal{O}(0; \{12^{13}, 6^4, 4, 3^4\})$	5726617600
12	$\mathcal{O}(0; \{12^{13}, 6^4, 4^3, 3, 2\})$	2863333376
12	$\mathcal{O}(0; \{12^{13}, 6^5, 4, 3^2, 2\})$	2863316992
12	$\mathcal{O}(0; \{12^{13}, 6^6, 4, 2^2\})$	1431650304
12	$\mathcal{O}(0; \{12^{14}, 3^2, 2^9\})$	178962432
12	$\mathcal{O}(0; \{12^{14}, 3^5, 2^5\})$	1431650304
12	$\mathcal{O}(0; \{12^{14}, 3^8, 2\})$	11453251584

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{14}, 4^2, 3^2, 2^6\})$	715849728
12	$\mathcal{O}(0; \{12^{14}, 4^2, 3^5, 2^2\})$	5726601216
12	$\mathcal{O}(0; \{12^{14}, 4^4, 3^2, 2^3\})$	2863398912
12	$\mathcal{O}(0; \{12^{14}, 4^6, 3^2\})$	11453595648
12	$\mathcal{O}(0; \{12^{14}, 6, 2^{10}\})$	89473024
12	$\mathcal{O}(0; \{12^{14}, 6, 3^3, 2^6\})$	715833344
12	$\mathcal{O}(0; \{12^{14}, 6, 3^6, 2^2\})$	5726617600
12	$\mathcal{O}(0; \{12^{14}, 6, 4^2, 2^7\})$	357892096
12	$\mathcal{O}(0; \{12^{14}, 6, 4^2, 3^3, 2^3\})$	2863333376
12	$\mathcal{O}(0; \{12^{14}, 6, 4^4, 2^4\})$	1431568384
12	$\mathcal{O}(0; \{12^{14}, 6, 4^4, 3^3\})$	11453333504
12	$\mathcal{O}(0; \{12^{14}, 6, 4^6, 2\})$	5726273536
12	$\mathcal{O}(0; \{12^{14}, 6^2, 3, 2^7\})$	357908480
12	$\mathcal{O}(0; \{12^{14}, 6^2, 3^4, 2^3\})$	2863316992
12	$\mathcal{O}(0; \{12^{14}, 6^2, 4^2, 3, 2^4\})$	1431633920
12	$\mathcal{O}(0; \{12^{14}, 6^2, 4^2, 3^4\})$	11453267968
12	$\mathcal{O}(0; \{12^{14}, 6^2, 4^4, 3, 2\})$	5726535680
12	$\mathcal{O}(0; \{12^{14}, 6^3, 3^2, 2^4\})$	1431650304
12	$\mathcal{O}(0; \{12^{14}, 6^3, 3^5\})$	11453251584
12	$\mathcal{O}(0; \{12^{14}, 6^3, 4^2, 3^2, 2\})$	5726601216
12	$\mathcal{O}(0; \{12^{14}, 6^4, 2^5\})$	715833344
12	$\mathcal{O}(0; \{12^{14}, 6^4, 3^3, 2\})$	5726617600
12	$\mathcal{O}(0; \{12^{14}, 6^4, 4^2, 2^2\})$	2863333376
12	$\mathcal{O}(0; \{12^{14}, 6^5, 3, 2^2\})$	2863316992
12	$\mathcal{O}(0; \{12^{14}, 6^7\})$	5726617600
12	$\mathcal{O}(0; \{12^{15}, 4, 3, 2^7\})$	715849728
12	$\mathcal{O}(0; \{12^{15}, 4, 3^4, 2^3\})$	5726601216
12	$\mathcal{O}(0; \{12^{15}, 4^3, 3, 2^4\})$	2863398912
12	$\mathcal{O}(0; \{12^{15}, 4^3, 3^4\})$	22906404864
12	$\mathcal{O}(0; \{12^{15}, 4^5, 3, 2\})$	11453595648
12	$\mathcal{O}(0; \{12^{15}, 6, 4, 3^2, 2^4\})$	2863333376
12	$\mathcal{O}(0; \{12^{15}, 6, 4, 3^5\})$	22906470400
12	$\mathcal{O}(0; \{12^{15}, 6, 4^3, 3^2, 2\})$	11453333504
12	$\mathcal{O}(0; \{12^{15}, 6^2, 4, 2^5\})$	1431633920
12	$\mathcal{O}(0; \{12^{15}, 6^2, 4, 3^3, 2\})$	11453267968
12	$\mathcal{O}(0; \{12^{15}, 6^2, 4^3, 2^2\})$	5726535680
12	$\mathcal{O}(0; \{12^{15}, 6^3, 4, 3, 2^2\})$	5726601216
12	$\mathcal{O}(0; \{12^{15}, 6^3, 4\})$	11453267968
12	$\mathcal{O}(0; \{12^{16}, 2^8\})$	715849728
12	$\mathcal{O}(0; \{12^{16}, 3^3, 2^4\})$	5726601216
12	$\mathcal{O}(0; \{12^{16}, 3^6\})$	45813006336
12	$\mathcal{O}(0; \{12^{16}, 4^2, 2^5\})$	2863398912
12	$\mathcal{O}(0; \{12^{16}, 4^2, 3^3, 2\})$	22906404864

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
12	$\mathcal{O}(0; \{12^{16}, 4^4, 2^2\})$	11453595648
12	$\mathcal{O}(0; \{12^{16}, 6, 3, 2^5\})$	2863333376
12	$\mathcal{O}(0; \{12^{16}, 6, 3^4, 2\})$	22906470400
12	$\mathcal{O}(0; \{12^{16}, 6, 4^2, 3, 2^2\})$	11453333504
12	$\mathcal{O}(0; \{12^{16}, 6^2, 3^2, 2^2\})$	11453267968
12	$\mathcal{O}(0; \{12^{16}, 6^3, 2^3\})$	5726601216
12	$\mathcal{O}(0; \{12^{16}, 6^3, 4^2\})$	22906404864
12	$\mathcal{O}(0; \{12^{16}, 6^4, 3\})$	22906470400
12	$\mathcal{O}(0; \{12^{17}, 4, 3^2, 2^2\})$	22906404864
12	$\mathcal{O}(0; \{12^{17}, 6, 4, 2^3\})$	11453333504
12	$\mathcal{O}(0; \{12^{17}, 6, 4^3\})$	45813334016
12	$\mathcal{O}(0; \{12^{17}, 6^2, 4, 3\})$	45813071872
12	$\mathcal{O}(0; \{12^{18}, 3, 2^3\})$	22906404864
12	$\mathcal{O}(0; \{12^{18}, 4^2, 3\})$	91625619456
12	$\mathcal{O}(0; \{12^{18}, 6, 3^2\})$	91625881600
12	$\mathcal{O}(0; \{12^{18}, 6^2, 2\})$	45813071872
12	$\mathcal{O}(0; \{12^{19}, 4, 2\})$	91625619456
13	$\mathcal{O}(5; \{13^8\})$	4559740752887469084
14	$\mathcal{O}(7; \{14, 7, 2\})$	66672040953348096
14	$\mathcal{O}(6; \{7^5\})$	62914878907785450
14	$\mathcal{O}(6; \{14, 7, 2^5\})$	340163474251776
14	$\mathcal{O}(6; \{14^3, 2^3\})$	1700817371258880
14	$\mathcal{O}(5; \{7^5, 2^4\})$	321072667023360
14	$\mathcal{O}(5; \{14, 7, 2^9\})$	1735527929856
14	$\mathcal{O}(5; \{14^2, 7^4, 2^2\})$	1928171530070016
14	$\mathcal{O}(5; \{14^3, 2^7\})$	8677639649280
14	$\mathcal{O}(5; \{14^4, 7^3\})$	11567293652490240
14	$\mathcal{O}(4; \{7^5, 2^8\})$	1638125852160
14	$\mathcal{O}(4; \{14, 7, 2^{13}\})$	8854734336
14	$\mathcal{O}(4; \{14, 7^8, 2\})$	2124649230251520
14	$\mathcal{O}(4; \{14^2, 7^4, 2^6\})$	9837609847296
14	$\mathcal{O}(4; \{14^3, 2^{11}\})$	44273671680
14	$\mathcal{O}(4; \{14^4, 7^3, 2^4\})$	59016804349440
14	$\mathcal{O}(4; \{14^6, 7^2, 2^2\})$	354109680830976
14	$\mathcal{O}(4; \{14^8, 7\})$	2124649230251520
14	$\mathcal{O}(3; \{7^5, 2^{12}\})$	8357784960
14	$\mathcal{O}(3; \{7^{12}\})$	2304866391785622
14	$\mathcal{O}(3; \{14, 7, 2^{17}\})$	45177216
14	$\mathcal{O}(3; \{14, 7^8, 2^9\})$	10840047093120
14	$\mathcal{O}(3; \{14^2, 7^4, 2^{10}\})$	50191886976
14	$\mathcal{O}(3; \{14^3, 2^{15}\})$	225886080
14	$\mathcal{O}(3; \{14^3, 7^7, 2^3\})$	65040327735936
14	$\mathcal{O}(3; \{14^4, 7^3, 2^8\})$	301106144640

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
14	$\mathcal{O}(3; \{14^5, 7^6, 2\})$	390241921238400
14	$\mathcal{O}(3; \{14^6, 7^2, 2^6\})$	1806682045056
14	$\mathcal{O}(3; \{14^8, 7, 2^4\})$	10840047093120
14	$\mathcal{O}(3; \{14^{10}, 2^2\})$	65040327735936
14	$\mathcal{O}(2; \{7^5, 2^{16}\})$	42641760
14	$\mathcal{O}(2; \{7^{12}, 2^4\})$	11946181492896
14	$\mathcal{O}(2; \{14, 7, 2^{21}\})$	230496
14	$\mathcal{O}(2; \{14, 7^8, 2^9\})$	55306362720
14	$\mathcal{O}(2; \{14^2, 7^4, 2^{14}\})$	256081056
14	$\mathcal{O}(2; \{14^2, 7^{11}, 2^2\})$	71677088726880
14	$\mathcal{O}(2; \{14^3, 2^{19}\})$	1152480
14	$\mathcal{O}(2; \{14^3, 7^7, 2^7\})$	331838406816
14	$\mathcal{O}(2; \{14^4, 7^3, 2^{12}\})$	1536255840
14	$\mathcal{O}(2; \{14^4, 7^{10}\})$	430062532591776
14	$\mathcal{O}(2; \{14^5, 7^6, 2^5\})$	1991030210400
14	$\mathcal{O}(2; \{14^6, 7^2, 2^{10}\})$	9217765536
14	$\mathcal{O}(2; \{14^7, 7^5, 2^3\})$	11946181492896
14	$\mathcal{O}(2; \{14^8, 7, 2^8\})$	55306362720
14	$\mathcal{O}(2; \{14^9, 7^4, 2\})$	71677088726880
14	$\mathcal{O}(2; \{14^{10}, 2^6\})$	331838406816
14	$\mathcal{O}(1; \{7^5, 2^{20}\})$	217560
14	$\mathcal{O}(1; \{7^{12}, 2^8\})$	60949905576
14	$\mathcal{O}(1; \{14, 7, 2^{25}\})$	1176
14	$\mathcal{O}(1; \{14, 7^8, 2^{13}\})$	282175320
14	$\mathcal{O}(1; \{14, 7^{15}, 2\})$	78991077408936
14	$\mathcal{O}(1; \{14^2, 7^4, 2^{18}\})$	1306536
14	$\mathcal{O}(1; \{14^2, 7^{11}, 2^6\})$	365699432280
14	$\mathcal{O}(1; \{14^3, 2^{23}\})$	5880
14	$\mathcal{O}(1; \{14^3, 7^7, 2^{11}\})$	1693053096
14	$\mathcal{O}(1; \{14^4, 7^3, 2^{16}\})$	7838040
14	$\mathcal{O}(1; \{14^4, 7^{10}, 2^4\})$	2194196594856
14	$\mathcal{O}(1; \{14^5, 7^6, 2^9\})$	10158317400
14	$\mathcal{O}(1; \{14^6, 7^2, 2^{14}\})$	47029416
14	$\mathcal{O}(1; \{14^6, 7^9, 2^2\})$	13165179567960
14	$\mathcal{O}(1; \{14^7, 7^5, 2^7\})$	60949905576
14	$\mathcal{O}(1; \{14^8, 7, 2^{12}\})$	282175320
14	$\mathcal{O}(1; \{14^8, 7^8\})$	78991077408936
14	$\mathcal{O}(1; \{14^9, 7^4, 2^5\})$	365699432280
14	$\mathcal{O}(1; \{14^{10}, 2^{10}\})$	1693053096
14	$\mathcal{O}(1; \{14^{11}, 7^3, 2^3\})$	2194196594856
14	$\mathcal{O}(1; \{14^{13}, 7^2, 2\})$	13165179567960
14	$\mathcal{O}(0; \{7^5, 2^{24}\})$	1110
14	$\mathcal{O}(0; \{7^{12}, 2^{12}\})$	310968906

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
14	$\mathcal{O}(0; \{14, 7, 2^{29}\})$	6
14	$\mathcal{O}(0; \{14, 7^8, 2^{17}\})$	1439670
14	$\mathcal{O}(0; \{14, 7^{15}, 2^5\})$	403015701066
14	$\mathcal{O}(0; \{14^2, 7^4, 2^{22}\})$	6666
14	$\mathcal{O}(0; \{14^2, 7^{11}, 2^{10}\})$	1865813430
14	$\mathcal{O}(0; \{14^3, 2^{27}\})$	30
14	$\mathcal{O}(0; \{14^3, 7^7, 2^{15}\})$	8638026
14	$\mathcal{O}(0; \{14^3, 7^{14}, 2^3\})$	2418094206390
14	$\mathcal{O}(0; \{14^4, 7^3, 2^{20}\})$	39990
14	$\mathcal{O}(0; \{14^4, 7^{10}, 2^8\})$	11194880586
14	$\mathcal{O}(0; \{14^5, 7^6, 2^{13}\})$	51828150
14	$\mathcal{O}(0; \{14^5, 7^{13}, 2\})$	14508565238346
14	$\mathcal{O}(0; \{14^6, 7^2, 2^{18}\})$	239946
14	$\mathcal{O}(0; \{14^6, 7^9, 2^6\})$	67169283510
14	$\mathcal{O}(0; \{14^7, 7^5, 2^{11}\})$	310968906
14	$\mathcal{O}(0; \{14^8, 7, 2^{16}\})$	1439670
14	$\mathcal{O}(0; \{14^8, 7^8, 2^4\})$	403015701066
14	$\mathcal{O}(0; \{14^9, 7^4, 2^9\})$	1865813430
14	$\mathcal{O}(0; \{14^{10}, 2^{14}\})$	8638026
14	$\mathcal{O}(0; \{14^{10}, 7^7, 2^2\})$	2418094206390
14	$\mathcal{O}(0; \{14^{11}, 7^3, 2^7\})$	11194880586
14	$\mathcal{O}(0; \{14^{12}, 7^6\})$	14508565238346
14	$\mathcal{O}(0; \{14^{13}, 7^2, 2^5\})$	67169283510
14	$\mathcal{O}(0; \{14^{15}, 7, 2^3\})$	403015701066
14	$\mathcal{O}(0; \{14^{17}, 2\})$	2418094206390
15	$\mathcal{O}(7; \{3^2\})$	58385852041215312
15	$\mathcal{O}(6; \{3^5\})$	1297463373591840
15	$\mathcal{O}(6; \{15^2, 5, 3\})$	3113912109375000
15	$\mathcal{O}(5; \{3^8\})$	49591928515536
15	$\mathcal{O}(5; \{5^5, 3^2\})$	235273359375000
15	$\mathcal{O}(5; \{15, 5^3, 3^3\})$	179914921875000
15	$\mathcal{O}(5; \{15^2, 5, 3^4\})$	152235703125000
15	$\mathcal{O}(5; \{15^4, 5^2\})$	2837119921875000
15	$\mathcal{O}(5; \{15^5, 3\})$	2588006953125000
15	$\mathcal{O}(4; \{3^{11}\})$	1747886931648
15	$\mathcal{O}(4; \{5^5, 3^5\})$	5228296875000
15	$\mathcal{O}(4; \{15, 5^3, 3^6\})$	5597353125000
15	$\mathcal{O}(4; \{15^2, 5, 3^7\})$	5228296875000
15	$\mathcal{O}(4; \{15^2, 5^6, 3\})$	67188740625000
15	$\mathcal{O}(4; \{15^3, 5^4, 3^2\})$	83960296875000
15	$\mathcal{O}(4; \{15^4, 5^2, 3^3\})$	88265953125000
15	$\mathcal{O}(4; \{15^5, 3^4\})$	88881046875000
15	$\mathcal{O}(4; \{15^7, 5\})$	1410963553125000

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(3; \{3^{14}\})$	62211611952
15	$\mathcal{O}(3; \{5^5, 3^8\})$	199837125000
15	$\mathcal{O}(3; \{5^{10}, 3^2\})$	4777592625000
15	$\mathcal{O}(3; \{15, 5^3, 3^9\})$	202570875000
15	$\mathcal{O}(3; \{15, 5^8, 3^3\})$	3583126125000
15	$\mathcal{O}(3; \{15^2, 5, 3^{10}\})$	186715125000
15	$\mathcal{O}(3; \{15^2, 5^6, 3^4\})$	3284782875000
15	$\mathcal{O}(3; \{15^3, 5^4, 3^5\})$	3209149125000
15	$\mathcal{O}(3; \{15^4, 5^2, 3^6\})$	3194386875000
15	$\mathcal{O}(3; \{15^4, 5^7\})$	57330838125000
15	$\mathcal{O}(3; \{15^5, 3^7\})$	3174157125000
15	$\mathcal{O}(3; \{15^5, 5^5, 3\})$	52553518875000
15	$\mathcal{O}(3; \{15^6, 5^3, 3^2\})$	51358141125000
15	$\mathcal{O}(3; \{15^7, 5, 3^3\})$	51063442875000
15	$\mathcal{O}(3; \{15^{10}\})$	816968338875000
15	$\mathcal{O}(2; \{3^{17}\})$	2208267360
15	$\mathcal{O}(2; \{5^5, 3^{11}\})$	7043355000
15	$\mathcal{O}(2; \{5^{10}, 3^5\})$	106168725000
15	$\mathcal{O}(2; \{15, 5^3, 3^{12}\})$	7186725000
15	$\mathcal{O}(2; \{15, 5^8, 3^6\})$	111475035000
15	$\mathcal{O}(2; \{15^2, 5, 3^{13}\})$	6635115000
15	$\mathcal{O}(2; \{15^2, 5^6, 3^7\})$	112810725000
15	$\mathcal{O}(2; \{15^2, 5^{11}, 3\})$	1358954415000
15	$\mathcal{O}(2; \{15^3, 5^4, 3^8\})$	113107995000
15	$\mathcal{O}(2; \{15^3, 5^9, 3^2\})$	1698693525000
15	$\mathcal{O}(2; \{15^4, 5^2, 3^9\})$	113329125000
15	$\mathcal{O}(2; \{15^4, 5^7, 3^3\})$	1783626075000
15	$\mathcal{O}(2; \{15^5, 3^{10}\})$	112796955000
15	$\mathcal{O}(2; \{15^5, 5^5, 3^4\})$	1804868325000
15	$\mathcal{O}(2; \{15^6, 5^3, 3^5\})$	1810142235000
15	$\mathcal{O}(2; \{15^7, 5, 3^6\})$	1811607525000
15	$\mathcal{O}(2; \{15^7, 5^6\})$	28538042715000
15	$\mathcal{O}(2; \{15^8, 5^4, 3\})$	28877789925000
15	$\mathcal{O}(2; \{15^9, 5^2, 3^2\})$	28962690075000
15	$\mathcal{O}(2; \{15^{10}, 3^3\})$	28984061925000
15	$\mathcal{O}(1; \{3^{20}\})$	75497616
15	$\mathcal{O}(1; \{5^5, 3^{14}\})$	250705800
15	$\mathcal{O}(1; \{5^{10}, 3^8\})$	4058004600
15	$\mathcal{O}(1; \{5^{15}, 3^2\})$	96636763800
15	$\mathcal{O}(1; \{15, 5^3, 3^{15}\})$	255598200
15	$\mathcal{O}(1; \{15, 5^8, 3^9\})$	4034334600
15	$\mathcal{O}(1; \{15, 5^{13}, 3^3\})$	72477574200
15	$\mathcal{O}(1; \{15^2, 5, 3^{16}\})$	235931400

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(1; \{15^2, 5^6, 3^{10}\})$	4028743800
15	$\mathcal{O}(1; \{15^2, 5^{11}, 3^4\})$	66437771400
15	$\mathcal{O}(1; \{15^3, 5^4, 3^{11}\})$	4026040200
15	$\mathcal{O}(1; \{15^3, 5^9, 3^5\})$	64927841400
15	$\mathcal{O}(1; \{15^4, 5^2, 3^{12}\})$	4030587000
15	$\mathcal{O}(1; \{15^4, 5^7, 3^6\})$	64550277000
15	$\mathcal{O}(1; \{15^4, 5^{12}\})$	1159641171000
15	$\mathcal{O}(1; \{15^5, 3^{13}\})$	4010833800
15	$\mathcal{O}(1; \{15^5, 5^5, 3^7\})$	64456212600
15	$\mathcal{O}(1; \{15^5, 5^{10}, 3\})$	1063004401800
15	$\mathcal{O}(1; \{15^6, 5^3, 3^8\})$	64431390600
15	$\mathcal{O}(1; \{15^6, 5^8, 3^2\})$	1038845230200
15	$\mathcal{O}(1; \{15^7, 5, 3^9\})$	64430407800
15	$\mathcal{O}(1; \{15^7, 5^6, 3^3\})$	1032805355400
15	$\mathcal{O}(1; \{15^8, 5^4, 3^4\})$	1031295713400
15	$\mathcal{O}(1; \{15^9, 5^2, 3^5\})$	1030916997000
15	$\mathcal{O}(1; \{15^{10}, 3^6\})$	1030827540600
15	$\mathcal{O}(1; \{15^{10}, 5^5\})$	16524886609800
15	$\mathcal{O}(1; \{15^{11}, 5^3, 3\})$	16500727726200
15	$\mathcal{O}(1; \{15^{12}, 5, 3^2\})$	16494686699400
15	$\mathcal{O}(0; \{5^5, 3^{17}\})$	8912760
15	$\mathcal{O}(0; \{5^{10}, 3^{11}\})$	143026312
15	$\mathcal{O}(0; \{5^{15}, 3^5\})$	2147483640
15	$\mathcal{O}(0; \{15, 5^3, 3^{18}\})$	9087624
15	$\mathcal{O}(0; \{15, 5^8, 3^{12}\})$	143128440
15	$\mathcal{O}(0; \{15, 5^{13}, 3^6\})$	2254857864
15	$\mathcal{O}(0; \{15^2, 5, 3^{19}\})$	8388600
15	$\mathcal{O}(0; \{15^2, 5^6, 3^{13}\})$	143165576
15	$\mathcal{O}(0; \{15^2, 5^{11}, 3^7\})$	2281701240
15	$\mathcal{O}(0; \{15^2, 5^{16}, 3\})$	27487790696
15	$\mathcal{O}(0; \{15^3, 5^4, 3^{14}\})$	143128440
15	$\mathcal{O}(0; \{15^3, 5^9, 3^8\})$	2288412808
15	$\mathcal{O}(0; \{15^3, 5^{14}, 3^2\})$	34359738360
15	$\mathcal{O}(0; \{15^4, 5^2, 3^{15}\})$	143304840
15	$\mathcal{O}(0; \{15^4, 5^7, 3^9\})$	2290087800
15	$\mathcal{O}(0; \{15^4, 5^{12}, 3^3\})$	36077725320
15	$\mathcal{O}(0; \{15^5, 3^{16}\})$	142606200
15	$\mathcal{O}(0; \{15^5, 5^5, 3^{10}\})$	2290518152
15	$\mathcal{O}(0; \{15^5, 5^{10}, 3^4\})$	36507221880
15	$\mathcal{O}(0; \{15^6, 5^3, 3^{11}\})$	2290579320
15	$\mathcal{O}(0; \{15^6, 5^8, 3^5\})$	36614596744
15	$\mathcal{O}(0; \{15^7, 5, 3^{12}\})$	2290780296
15	$\mathcal{O}(0; \{15^7, 5^6, 3^6\})$	36641437560

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
15	$\mathcal{O}(0; \{15^7, 5^{11}\})$	577243604616
15	$\mathcal{O}(0; \{15^8, 5^4, 3^7\})$	36648159368
15	$\mathcal{O}(0; \{15^8, 5^9, 3\})$	584115552120
15	$\mathcal{O}(0; \{15^9, 5^2, 3^8\})$	36649793400
15	$\mathcal{O}(0; \{15^9, 5^7, 3^2\})$	585833539720
15	$\mathcal{O}(0; \{15^{10}, 3^9\})$	36650387592
15	$\mathcal{O}(0; \{15^{10}, 5^5, 3^3\})$	586263033720
15	$\mathcal{O}(0; \{15^{11}, 5^3, 3^4\})$	586370418824
15	$\mathcal{O}(0; \{15^{12}, 5, 3^5\})$	586397218680
15	$\mathcal{O}(0; \{15^{13}, 5^4\})$	9380208572280
15	$\mathcal{O}(0; \{15^{14}, 5^2, 3\})$	9381926570120
15	$\mathcal{O}(0; \{15^{15}, 3^2\})$	9382356023160
16	$\mathcal{O}(6; \{4^2, 2^2\})$	562812514467840
16	$\mathcal{O}(6; \{8^2, 4\})$	2251250057871360
16	$\mathcal{O}(5; \{4^2, 2^6\})$	2196875771904
16	$\mathcal{O}(5; \{4^4, 2^3\})$	8787503087616
16	$\mathcal{O}(5; \{4^6\})$	35150012350464
16	$\mathcal{O}(5; \{8^2, 4, 2^4\})$	8787503087616
16	$\mathcal{O}(5; \{8^2, 4^3, 2\})$	35150012350464
16	$\mathcal{O}(5; \{8^4, 2^2\})$	70300024700928
16	$\mathcal{O}(5; \{16^2, 8, 4, 2^2\})$	70368744177664
16	$\mathcal{O}(5; \{16^2, 8^3\})$	562949953421312
16	$\mathcal{O}(5; \{16^4, 4\})$	1125899906842624
16	$\mathcal{O}(4; \{4^2, 2^{10}\})$	8556380160
16	$\mathcal{O}(4; \{4^4, 2^7\})$	34225520640
16	$\mathcal{O}(4; \{4^6, 2^4\})$	136902082560
16	$\mathcal{O}(4; \{4^8, 2\})$	547608330240
16	$\mathcal{O}(4; \{8^2, 4, 2^8\})$	34225520640
16	$\mathcal{O}(4; \{8^2, 4^3, 2^5\})$	136902082560
16	$\mathcal{O}(4; \{8^2, 4^5, 2^2\})$	547608330240
16	$\mathcal{O}(4; \{8^4, 2^6\})$	273804165120
16	$\mathcal{O}(4; \{8^4, 4^2, 2^3\})$	1095216660480
16	$\mathcal{O}(4; \{8^4, 4^4\})$	4380866641920
16	$\mathcal{O}(4; \{8^6, 4, 2\})$	8761733283840
16	$\mathcal{O}(4; \{16^2, 8, 4, 2^6\})$	274877906944
16	$\mathcal{O}(4; \{16^2, 8, 4^3, 2^3\})$	1099511627776
16	$\mathcal{O}(4; \{16^2, 8, 4^5\})$	4398046511104
16	$\mathcal{O}(4; \{16^2, 8^3, 2^4\})$	2199023255552
16	$\mathcal{O}(4; \{16^2, 8^3, 4^2, 2\})$	8796093022208
16	$\mathcal{O}(4; \{16^4, 4, 2^4\})$	4398046511104
16	$\mathcal{O}(4; \{16^4, 4^3, 2\})$	17592186044416
16	$\mathcal{O}(4; \{16^4, 8^2, 2^2\})$	35184372088832
16	$\mathcal{O}(4; \{16^6, 8\})$	562949953421312

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(3; \{4^2, 2^{14}\})$	33030144
16	$\mathcal{O}(3; \{4^4, 2^{11}\})$	132120576
16	$\mathcal{O}(3; \{4^6, 2^8\})$	528482304
16	$\mathcal{O}(3; \{4^8, 2^5\})$	2113929216
16	$\mathcal{O}(3; \{4^{10}, 2^2\})$	8455716864
16	$\mathcal{O}(3; \{8^2, 4, 2^{12}\})$	132120576
16	$\mathcal{O}(3; \{8^2, 4^3, 2^9\})$	528482304
16	$\mathcal{O}(3; \{8^2, 4^5, 2^6\})$	2113929216
16	$\mathcal{O}(3; \{8^2, 4^7, 2^3\})$	8455716864
16	$\mathcal{O}(3; \{8^2, 4^9\})$	33822867456
16	$\mathcal{O}(3; \{8^4, 2^{10}\})$	1056964608
16	$\mathcal{O}(3; \{8^4, 4^2, 2^7\})$	4227858432
16	$\mathcal{O}(3; \{8^4, 4^4, 2^4\})$	16911433728
16	$\mathcal{O}(3; \{8^4, 4^6, 2\})$	67645734912
16	$\mathcal{O}(3; \{8^6, 4, 2^5\})$	33822867456
16	$\mathcal{O}(3; \{8^6, 4^3, 2^2\})$	135291469824
16	$\mathcal{O}(3; \{8^8, 2^3\})$	270582939648
16	$\mathcal{O}(3; \{8^8, 4^2\})$	1082331758592
16	$\mathcal{O}(3; \{16^2, 8, 4, 2^{10}\})$	1073741824
16	$\mathcal{O}(3; \{16^2, 8, 4^3, 2^7\})$	4294967296
16	$\mathcal{O}(3; \{16^2, 8, 4^5, 2^4\})$	17179869184
16	$\mathcal{O}(3; \{16^2, 8, 4^7, 2\})$	68719476736
16	$\mathcal{O}(3; \{16^2, 8^3, 2^8\})$	8589934592
16	$\mathcal{O}(3; \{16^2, 8^3, 4^2, 2^5\})$	34359738368
16	$\mathcal{O}(3; \{16^2, 8^3, 4^4, 2^2\})$	137438953472
16	$\mathcal{O}(3; \{16^2, 8^5, 4, 2^3\})$	274877906944
16	$\mathcal{O}(3; \{16^2, 8^5, 4^3\})$	1099511627776
16	$\mathcal{O}(3; \{16^2, 8^7, 2\})$	2199023255552
16	$\mathcal{O}(3; \{16^4, 4, 2^8\})$	17179869184
16	$\mathcal{O}(3; \{16^4, 4^3, 2^5\})$	68719476736
16	$\mathcal{O}(3; \{16^4, 4^5, 2^2\})$	274877906944
16	$\mathcal{O}(3; \{16^4, 8^2, 2^6\})$	137438953472
16	$\mathcal{O}(3; \{16^4, 8^2, 4^2, 2^3\})$	549755813888
16	$\mathcal{O}(3; \{16^4, 8^2, 4^4\})$	2199023255552
16	$\mathcal{O}(3; \{16^4, 8^4, 4, 2\})$	4398046511104
16	$\mathcal{O}(3; \{16^6, 8, 2^4\})$	2199023255552
16	$\mathcal{O}(3; \{16^6, 8, 4^2, 2\})$	8796093022208
16	$\mathcal{O}(3; \{16^8, 2^2\})$	35184372088832
16	$\mathcal{O}(2; \{4^2, 2^{18}\})$	122880
16	$\mathcal{O}(2; \{4^4, 2^{15}\})$	491520
16	$\mathcal{O}(2; \{4^6, 2^{12}\})$	1966080
16	$\mathcal{O}(2; \{4^8, 2^9\})$	7864320
16	$\mathcal{O}(2; \{4^{10}, 2^6\})$	31457280

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(2; \{4^{12}, 2^3\})$	125829120
16	$\mathcal{O}(2; \{4^{14}\})$	503316480
16	$\mathcal{O}(2; \{8^2, 4, 2^{16}\})$	491520
16	$\mathcal{O}(2; \{8^2, 4^3, 2^{13}\})$	1966080
16	$\mathcal{O}(2; \{8^2, 4^5, 2^{10}\})$	7864320
16	$\mathcal{O}(2; \{8^2, 4^7, 2^7\})$	31457280
16	$\mathcal{O}(2; \{8^2, 4^9, 2^4\})$	125829120
16	$\mathcal{O}(2; \{8^2, 4^{11}, 2\})$	503316480
16	$\mathcal{O}(2; \{8^4, 2^{14}\})$	3932160
16	$\mathcal{O}(2; \{8^4, 4^2, 2^{11}\})$	15728640
16	$\mathcal{O}(2; \{8^4, 4^4, 2^8\})$	62914560
16	$\mathcal{O}(2; \{8^4, 4^6, 2^5\})$	251658240
16	$\mathcal{O}(2; \{8^4, 4^8, 2^2\})$	1006632960
16	$\mathcal{O}(2; \{8^6, 4, 2^9\})$	125829120
16	$\mathcal{O}(2; \{8^6, 4^3, 2^6\})$	503316480
16	$\mathcal{O}(2; \{8^6, 4^5, 2^3\})$	2013265920
16	$\mathcal{O}(2; \{8^6, 4^7\})$	8053063680
16	$\mathcal{O}(2; \{8^8, 2^7\})$	1006632960
16	$\mathcal{O}(2; \{8^8, 4^2, 2^4\})$	4026531840
16	$\mathcal{O}(2; \{8^8, 4^4, 2\})$	16106127360
16	$\mathcal{O}(2; \{8^{10}, 4, 2^2\})$	32212254720
16	$\mathcal{O}(2; \{8^{12}\})$	257698037760
16	$\mathcal{O}(2; \{16^2, 8, 4, 2^{14}\})$	4194304
16	$\mathcal{O}(2; \{16^2, 8, 4^3, 2^{11}\})$	16777216
16	$\mathcal{O}(2; \{16^2, 8, 4^5, 2^8\})$	67108864
16	$\mathcal{O}(2; \{16^2, 8, 4^7, 2^5\})$	268435456
16	$\mathcal{O}(2; \{16^2, 8, 4^9, 2^2\})$	1073741824
16	$\mathcal{O}(2; \{16^2, 8^3, 2^{12}\})$	33554432
16	$\mathcal{O}(2; \{16^2, 8^3, 4^2, 2^9\})$	134217728
16	$\mathcal{O}(2; \{16^2, 8^3, 4^4, 2^6\})$	536870912
16	$\mathcal{O}(2; \{16^2, 8^3, 4^6, 2^3\})$	2147483648
16	$\mathcal{O}(2; \{16^2, 8^3, 4^8\})$	8589934592
16	$\mathcal{O}(2; \{16^2, 8^5, 4, 2^7\})$	1073741824
16	$\mathcal{O}(2; \{16^2, 8^5, 4^3, 2^4\})$	4294967296
16	$\mathcal{O}(2; \{16^2, 8^5, 4^5, 2\})$	17179869184
16	$\mathcal{O}(2; \{16^2, 8^7, 2^5\})$	8589934592
16	$\mathcal{O}(2; \{16^2, 8^7, 4^2, 2^2\})$	34359738368
16	$\mathcal{O}(2; \{16^2, 8^9, 4\})$	274877906944
16	$\mathcal{O}(2; \{16^4, 4, 2^{12}\})$	67108864
16	$\mathcal{O}(2; \{16^4, 4^3, 2^9\})$	268435456
16	$\mathcal{O}(2; \{16^4, 4^5, 2^6\})$	1073741824
16	$\mathcal{O}(2; \{16^4, 4^7, 2^3\})$	4294967296
16	$\mathcal{O}(2; \{16^4, 4^9\})$	17179869184

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(2; \{16^4, 8^2, 2^{10}\})$	536870912
16	$\mathcal{O}(2; \{16^4, 8^2, 4^2, 2^7\})$	2147483648
16	$\mathcal{O}(2; \{16^4, 8^2, 4^4, 2^4\})$	8589934592
16	$\mathcal{O}(2; \{16^4, 8^2, 4^6, 2\})$	34359738368
16	$\mathcal{O}(2; \{16^4, 8^4, 4, 2^5\})$	17179869184
16	$\mathcal{O}(2; \{16^4, 8^4, 4^3, 2^2\})$	68719476736
16	$\mathcal{O}(2; \{16^4, 8^6, 2^3\})$	137438953472
16	$\mathcal{O}(2; \{16^4, 8^6, 4^2\})$	549755813888
16	$\mathcal{O}(2; \{16^6, 8, 2^8\})$	8589934592
16	$\mathcal{O}(2; \{16^6, 8, 4^2, 2^5\})$	34359738368
16	$\mathcal{O}(2; \{16^6, 8, 4^4, 2^2\})$	137438953472
16	$\mathcal{O}(2; \{16^6, 8^3, 4, 2^3\})$	274877906944
16	$\mathcal{O}(2; \{16^6, 8^3, 4^3\})$	1099511627776
16	$\mathcal{O}(2; \{16^6, 8^5, 2\})$	2199023255552
16	$\mathcal{O}(2; \{16^8, 2^6\})$	137438953472
16	$\mathcal{O}(2; \{16^8, 4^2, 2^3\})$	549755813888
16	$\mathcal{O}(2; \{16^8, 4^4\})$	2199023255552
16	$\mathcal{O}(2; \{16^8, 8^2, 4, 2\})$	4398046511104
16	$\mathcal{O}(1; \{4^2, 2^{22}\})$	384
16	$\mathcal{O}(1; \{4^4, 2^{19}\})$	1536
16	$\mathcal{O}(1; \{4^6, 2^{16}\})$	6144
16	$\mathcal{O}(1; \{4^8, 2^{13}\})$	24576
16	$\mathcal{O}(1; \{4^{10}, 2^{10}\})$	98304
16	$\mathcal{O}(1; \{4^{12}, 2^7\})$	393216
16	$\mathcal{O}(1; \{4^{14}, 2^4\})$	1572864
16	$\mathcal{O}(1; \{4^{16}, 2\})$	6291456
16	$\mathcal{O}(1; \{8^2, 4, 2^{20}\})$	1536
16	$\mathcal{O}(1; \{8^2, 4^3, 2^{17}\})$	6144
16	$\mathcal{O}(1; \{8^2, 4^5, 2^{14}\})$	24576
16	$\mathcal{O}(1; \{8^2, 4^7, 2^{11}\})$	98304
16	$\mathcal{O}(1; \{8^2, 4^9, 2^8\})$	393216
16	$\mathcal{O}(1; \{8^2, 4^{11}, 2^5\})$	1572864
16	$\mathcal{O}(1; \{8^2, 4^{13}, 2^2\})$	6291456
16	$\mathcal{O}(1; \{8^4, 2^{18}\})$	12288
16	$\mathcal{O}(1; \{8^4, 4^2, 2^{15}\})$	49152
16	$\mathcal{O}(1; \{8^4, 4^4, 2^{12}\})$	196608
16	$\mathcal{O}(1; \{8^4, 4^6, 2^9\})$	786432
16	$\mathcal{O}(1; \{8^4, 4^8, 2^6\})$	3145728
16	$\mathcal{O}(1; \{8^4, 4^{10}, 2^3\})$	12582912
16	$\mathcal{O}(1; \{8^4, 4^{12}\})$	50331648
16	$\mathcal{O}(1; \{8^6, 4, 2^{13}\})$	393216
16	$\mathcal{O}(1; \{8^6, 4^3, 2^{10}\})$	1572864
16	$\mathcal{O}(1; \{8^6, 4^5, 2^7\})$	6291456

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(1; \{8^6, 4^7, 2^4\})$	25165824
16	$\mathcal{O}(1; \{8^6, 4^9, 2\})$	100663296
16	$\mathcal{O}(1; \{8^8, 2^{11}\})$	3145728
16	$\mathcal{O}(1; \{8^8, 4^2, 2^8\})$	12582912
16	$\mathcal{O}(1; \{8^8, 4^4, 2^5\})$	50331648
16	$\mathcal{O}(1; \{8^8, 4^6, 2^2\})$	201326592
16	$\mathcal{O}(1; \{8^{10}, 4, 2^6\})$	100663296
16	$\mathcal{O}(1; \{8^{10}, 4^3, 2^3\})$	402653184
16	$\mathcal{O}(1; \{8^{10}, 4^5\})$	1610612736
16	$\mathcal{O}(1; \{8^{12}, 2^4\})$	805306368
16	$\mathcal{O}(1; \{8^{12}, 4^2, 2\})$	3221225472
16	$\mathcal{O}(1; \{16^2, 8, 4, 2^{18}\})$	16384
16	$\mathcal{O}(1; \{16^2, 8, 4^3, 2^{15}\})$	65536
16	$\mathcal{O}(1; \{16^2, 8, 4^5, 2^{12}\})$	262144
16	$\mathcal{O}(1; \{16^2, 8, 4^7, 2^9\})$	1048576
16	$\mathcal{O}(1; \{16^2, 8, 4^9, 2^6\})$	4194304
16	$\mathcal{O}(1; \{16^2, 8, 4^{11}, 2^3\})$	16777216
16	$\mathcal{O}(1; \{16^2, 8, 4^{13}\})$	67108864
16	$\mathcal{O}(1; \{16^2, 8^3, 2^{16}\})$	131072
16	$\mathcal{O}(1; \{16^2, 8^3, 4^2, 2^{13}\})$	524288
16	$\mathcal{O}(1; \{16^2, 8^3, 4^4, 2^{10}\})$	2097152
16	$\mathcal{O}(1; \{16^2, 8^3, 4^6, 2^7\})$	8388608
16	$\mathcal{O}(1; \{16^2, 8^3, 4^8, 2^4\})$	33554432
16	$\mathcal{O}(1; \{16^2, 8^3, 4^{10}, 2\})$	134217728
16	$\mathcal{O}(1; \{16^2, 8^5, 4, 2^{11}\})$	4194304
16	$\mathcal{O}(1; \{16^2, 8^5, 4^3, 2^8\})$	16777216
16	$\mathcal{O}(1; \{16^2, 8^5, 4^5, 2^5\})$	67108864
16	$\mathcal{O}(1; \{16^2, 8^5, 4^7, 2^2\})$	268435456
16	$\mathcal{O}(1; \{16^2, 8^7, 2^9\})$	33554432
16	$\mathcal{O}(1; \{16^2, 8^7, 4^2, 2^6\})$	134217728
16	$\mathcal{O}(1; \{16^2, 8^7, 4^4, 2^3\})$	536870912
16	$\mathcal{O}(1; \{16^2, 8^7, 4^6\})$	2147483648
16	$\mathcal{O}(1; \{16^2, 8^9, 4, 2^4\})$	1073741824
16	$\mathcal{O}(1; \{16^2, 8^9, 4^3, 2\})$	4294967296
16	$\mathcal{O}(1; \{16^2, 8^{11}, 2^2\})$	8589934592
16	$\mathcal{O}(1; \{16^4, 4, 2^{16}\})$	262144
16	$\mathcal{O}(1; \{16^4, 4^3, 2^{13}\})$	1048576
16	$\mathcal{O}(1; \{16^4, 4^5, 2^{10}\})$	4194304
16	$\mathcal{O}(1; \{16^4, 4^7, 2^7\})$	16777216
16	$\mathcal{O}(1; \{16^4, 4^9, 2^4\})$	67108864
16	$\mathcal{O}(1; \{16^4, 4^{11}, 2\})$	268435456
16	$\mathcal{O}(1; \{16^4, 8^2, 2^{14}\})$	2097152
16	$\mathcal{O}(1; \{16^4, 8^2, 4^2, 2^{11}\})$	8388608

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(1; \{16^4, 8^2, 4^4, 2^8\})$	33554432
16	$\mathcal{O}(1; \{16^4, 8^2, 4^6, 2^5\})$	134217728
16	$\mathcal{O}(1; \{16^4, 8^2, 4^8, 2^2\})$	536870912
16	$\mathcal{O}(1; \{16^4, 8^4, 4, 2^9\})$	67108864
16	$\mathcal{O}(1; \{16^4, 8^4, 4^3, 2^6\})$	268435456
16	$\mathcal{O}(1; \{16^4, 8^4, 4^5, 2^3\})$	1073741824
16	$\mathcal{O}(1; \{16^4, 8^4, 4^7\})$	4294967296
16	$\mathcal{O}(1; \{16^4, 8^6, 2^7\})$	536870912
16	$\mathcal{O}(1; \{16^4, 8^6, 4^2, 2^4\})$	2147483648
16	$\mathcal{O}(1; \{16^4, 8^6, 4^4, 2\})$	8589934592
16	$\mathcal{O}(1; \{16^4, 8^8, 4, 2^2\})$	17179869184
16	$\mathcal{O}(1; \{16^4, 8^{10}\})$	137438953472
16	$\mathcal{O}(1; \{16^6, 8, 2^{12}\})$	33554432
16	$\mathcal{O}(1; \{16^6, 8, 4^2, 2^9\})$	134217728
16	$\mathcal{O}(1; \{16^6, 8, 4^4, 2^6\})$	536870912
16	$\mathcal{O}(1; \{16^6, 8, 4^6, 2^3\})$	2147483648
16	$\mathcal{O}(1; \{16^6, 8, 4^8\})$	8589934592
16	$\mathcal{O}(1; \{16^6, 8^3, 4, 2^7\})$	1073741824
16	$\mathcal{O}(1; \{16^6, 8^3, 4^3, 2^4\})$	4294967296
16	$\mathcal{O}(1; \{16^6, 8^3, 4^5, 2\})$	17179869184
16	$\mathcal{O}(1; \{16^6, 8^5, 2^5\})$	8589934592
16	$\mathcal{O}(1; \{16^6, 8^5, 4^2, 2^2\})$	34359738368
16	$\mathcal{O}(1; \{16^6, 8^7, 4\})$	274877906944
16	$\mathcal{O}(1; \{16^8, 2^{10}\})$	536870912
16	$\mathcal{O}(1; \{16^8, 4^2, 2^7\})$	2147483648
16	$\mathcal{O}(1; \{16^8, 4^4, 2^4\})$	8589934592
16	$\mathcal{O}(1; \{16^8, 4^6, 2\})$	34359738368
16	$\mathcal{O}(1; \{16^8, 8^2, 4, 2^5\})$	17179869184
16	$\mathcal{O}(1; \{16^8, 8^2, 4^3, 2^2\})$	68719476736
16	$\mathcal{O}(1; \{16^8, 8^4, 2^3\})$	137438953472
16	$\mathcal{O}(1; \{16^8, 8^4, 4^2\})$	549755813888
16	$\mathcal{O}(1; \{16^{10}, 8, 4, 2^3\})$	274877906944
16	$\mathcal{O}(1; \{16^{10}, 8, 4^3\})$	1099511627776
16	$\mathcal{O}(1; \{16^{10}, 8^3, 2\})$	2199023255552
16	$\mathcal{O}(1; \{16^{12}, 4, 2\})$	4398046511104
16	$\mathcal{O}(0; \{16^2, 8, 4, 2^{22}\})$	64
16	$\mathcal{O}(0; \{16^2, 8, 4^3, 2^{19}\})$	256
16	$\mathcal{O}(0; \{16^2, 8, 4^5, 2^{16}\})$	1024
16	$\mathcal{O}(0; \{16^2, 8, 4^7, 2^{13}\})$	4096
16	$\mathcal{O}(0; \{16^2, 8, 4^9, 2^{10}\})$	16384
16	$\mathcal{O}(0; \{16^2, 8, 4^{11}, 2^7\})$	65536
16	$\mathcal{O}(0; \{16^2, 8, 4^{13}, 2^4\})$	262144
16	$\mathcal{O}(0; \{16^2, 8, 4^{15}, 2\})$	1048576

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{16^2, 8^3, 2^{20}\})$	512
16	$\mathcal{O}(0; \{16^2, 8^3, 4^2, 2^{17}\})$	2048
16	$\mathcal{O}(0; \{16^2, 8^3, 4^4, 2^{14}\})$	8192
16	$\mathcal{O}(0; \{16^2, 8^3, 4^6, 2^{11}\})$	32768
16	$\mathcal{O}(0; \{16^2, 8^3, 4^8, 2^8\})$	131072
16	$\mathcal{O}(0; \{16^2, 8^3, 4^{10}, 2^5\})$	524288
16	$\mathcal{O}(0; \{16^2, 8^3, 4^{12}, 2^2\})$	2097152
16	$\mathcal{O}(0; \{16^2, 8^5, 4, 2^{15}\})$	16384
16	$\mathcal{O}(0; \{16^2, 8^5, 4^3, 2^{12}\})$	65536
16	$\mathcal{O}(0; \{16^2, 8^5, 4^5, 2^9\})$	262144
16	$\mathcal{O}(0; \{16^2, 8^5, 4^7, 2^6\})$	1048576
16	$\mathcal{O}(0; \{16^2, 8^5, 4^9, 2^3\})$	4194304
16	$\mathcal{O}(0; \{16^2, 8^5, 4^{11}\})$	16777216
16	$\mathcal{O}(0; \{16^2, 8^7, 2^{13}\})$	131072
16	$\mathcal{O}(0; \{16^2, 8^7, 4^2, 2^{10}\})$	524288
16	$\mathcal{O}(0; \{16^2, 8^7, 4^4, 2^7\})$	2097152
16	$\mathcal{O}(0; \{16^2, 8^7, 4^6, 2^4\})$	8388608
16	$\mathcal{O}(0; \{16^2, 8^7, 4^8, 2\})$	33554432
16	$\mathcal{O}(0; \{16^2, 8^9, 4, 2^8\})$	4194304
16	$\mathcal{O}(0; \{16^2, 8^9, 4^3, 2^5\})$	16777216
16	$\mathcal{O}(0; \{16^2, 8^9, 4^5, 2^2\})$	67108864
16	$\mathcal{O}(0; \{16^2, 8^{11}, 2^6\})$	33554432
16	$\mathcal{O}(0; \{16^2, 8^{11}, 4^2, 2^3\})$	134217728
16	$\mathcal{O}(0; \{16^2, 8^{11}, 4^4\})$	536870912
16	$\mathcal{O}(0; \{16^2, 8^{13}, 4, 2\})$	1073741824
16	$\mathcal{O}(0; \{16^4, 4, 2^{20}\})$	1024
16	$\mathcal{O}(0; \{16^4, 4^3, 2^{17}\})$	4096
16	$\mathcal{O}(0; \{16^4, 4^5, 2^{14}\})$	16384
16	$\mathcal{O}(0; \{16^4, 4^7, 2^{11}\})$	65536
16	$\mathcal{O}(0; \{16^4, 4^9, 2^8\})$	262144
16	$\mathcal{O}(0; \{16^4, 4^{11}, 2^5\})$	1048576
16	$\mathcal{O}(0; \{16^4, 4^{13}, 2^2\})$	4194304
16	$\mathcal{O}(0; \{16^4, 8^2, 2^{18}\})$	8192
16	$\mathcal{O}(0; \{16^4, 8^2, 4^2, 2^{15}\})$	32768
16	$\mathcal{O}(0; \{16^4, 8^2, 4^4, 2^{12}\})$	131072
16	$\mathcal{O}(0; \{16^4, 8^2, 4^6, 2^9\})$	524288
16	$\mathcal{O}(0; \{16^4, 8^2, 4^8, 2^6\})$	2097152
16	$\mathcal{O}(0; \{16^4, 8^2, 4^{10}, 2^3\})$	8388608
16	$\mathcal{O}(0; \{16^4, 8^2, 4^{12}\})$	33554432
16	$\mathcal{O}(0; \{16^4, 8^4, 4, 2^{13}\})$	262144
16	$\mathcal{O}(0; \{16^4, 8^4, 4^3, 2^{10}\})$	1048576
16	$\mathcal{O}(0; \{16^4, 8^4, 4^5, 2^7\})$	4194304
16	$\mathcal{O}(0; \{16^4, 8^4, 4^7, 2^4\})$	16777216

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{16^4, 8^4, 4^9, 2\})$	67108864
16	$\mathcal{O}(0; \{16^4, 8^6, 2^{11}\})$	2097152
16	$\mathcal{O}(0; \{16^4, 8^6, 4^2, 2^8\})$	8388608
16	$\mathcal{O}(0; \{16^4, 8^6, 4^4, 2^5\})$	33554432
16	$\mathcal{O}(0; \{16^4, 8^6, 4^6, 2^2\})$	134217728
16	$\mathcal{O}(0; \{16^4, 8^8, 4, 2^6\})$	67108864
16	$\mathcal{O}(0; \{16^4, 8^8, 4^3, 2^3\})$	268435456
16	$\mathcal{O}(0; \{16^4, 8^8, 4^5\})$	1073741824
16	$\mathcal{O}(0; \{16^4, 8^{10}, 2^4\})$	536870912
16	$\mathcal{O}(0; \{16^4, 8^{10}, 4^2, 2\})$	2147483648
16	$\mathcal{O}(0; \{16^6, 8, 2^{16}\})$	131072
16	$\mathcal{O}(0; \{16^6, 8, 4^2, 2^{13}\})$	524288
16	$\mathcal{O}(0; \{16^6, 8, 4^4, 2^{10}\})$	2097152
16	$\mathcal{O}(0; \{16^6, 8, 4^6, 2^7\})$	8388608
16	$\mathcal{O}(0; \{16^6, 8, 4^8, 2^4\})$	33554432
16	$\mathcal{O}(0; \{16^6, 8, 4^{10}, 2\})$	134217728
16	$\mathcal{O}(0; \{16^6, 8^3, 4, 2^{11}\})$	4194304
16	$\mathcal{O}(0; \{16^6, 8^3, 4^3, 2^8\})$	16777216
16	$\mathcal{O}(0; \{16^6, 8^3, 4^5, 2^5\})$	67108864
16	$\mathcal{O}(0; \{16^6, 8^3, 4^7, 2^2\})$	268435456
16	$\mathcal{O}(0; \{16^6, 8^5, 2^9\})$	33554432
16	$\mathcal{O}(0; \{16^6, 8^5, 4^2, 2^6\})$	134217728
16	$\mathcal{O}(0; \{16^6, 8^5, 4^4, 2^3\})$	536870912
16	$\mathcal{O}(0; \{16^6, 8^5, 4^6\})$	2147483648
16	$\mathcal{O}(0; \{16^6, 8^7, 4, 2^4\})$	1073741824
16	$\mathcal{O}(0; \{16^6, 8^7, 4^3, 2\})$	4294967296
16	$\mathcal{O}(0; \{16^6, 8^9, 2^2\})$	8589934592
16	$\mathcal{O}(0; \{16^8, 2^{14}\})$	2097152
16	$\mathcal{O}(0; \{16^8, 4^2, 2^{11}\})$	8388608
16	$\mathcal{O}(0; \{16^8, 4^4, 2^8\})$	33554432
16	$\mathcal{O}(0; \{16^8, 4^6, 2^5\})$	134217728
16	$\mathcal{O}(0; \{16^8, 4^8, 2^2\})$	536870912
16	$\mathcal{O}(0; \{16^8, 8^2, 4, 2^9\})$	67108864
16	$\mathcal{O}(0; \{16^8, 8^2, 4^3, 2^6\})$	268435456
16	$\mathcal{O}(0; \{16^8, 8^2, 4^5, 2^3\})$	1073741824
16	$\mathcal{O}(0; \{16^8, 8^2, 4^7\})$	4294967296
16	$\mathcal{O}(0; \{16^8, 8^4, 2^7\})$	536870912
16	$\mathcal{O}(0; \{16^8, 8^4, 4^2, 2^4\})$	2147483648
16	$\mathcal{O}(0; \{16^8, 8^4, 4^4, 2\})$	8589934592
16	$\mathcal{O}(0; \{16^8, 8^6, 4, 2^2\})$	17179869184
16	$\mathcal{O}(0; \{16^8, 8^8\})$	137438953472
16	$\mathcal{O}(0; \{16^{10}, 8, 4, 2^7\})$	1073741824
16	$\mathcal{O}(0; \{16^{10}, 8, 4^3, 2^4\})$	4294967296

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
16	$\mathcal{O}(0; \{16^{10}, 8, 4^5, 2\})$	17179869184
16	$\mathcal{O}(0; \{16^{10}, 8^3, 2^5\})$	8589934592
16	$\mathcal{O}(0; \{16^{10}, 8^3, 4^2, 2^2\})$	34359738368
16	$\mathcal{O}(0; \{16^{10}, 8^5, 4\})$	274877906944
16	$\mathcal{O}(0; \{16^{12}, 4, 2^5\})$	17179869184
16	$\mathcal{O}(0; \{16^{12}, 4^3, 2^2\})$	68719476736
16	$\mathcal{O}(0; \{16^{12}, 8^2, 2^3\})$	137438953472
16	$\mathcal{O}(0; \{16^{12}, 8^2, 4^2\})$	549755813888
16	$\mathcal{O}(0; \{16^{14}, 8, 2\})$	2199023255552
17	$\mathcal{O}(5; \{17^4\})$	7773672480131344
18	$\mathcal{O}(5; \{9^2, 3^2\})$	85607530613352
18	$\mathcal{O}(5; \{9^2, 6, 2\})$	42845606719488
18	$\mathcal{O}(4; \{9^2, 3^2, 2^4\})$	264479053824
18	$\mathcal{O}(4; \{9^2, 3^5\})$	2107567460160
18	$\mathcal{O}(4; \{9^2, 6, 2^5\})$	132239526912
18	$\mathcal{O}(4; \{9^2, 6, 3^3, 2\})$	1057916215296
18	$\mathcal{O}(4; \{9^2, 6^2, 3, 2^2\})$	528958107648
18	$\mathcal{O}(4; \{9^2, 6^4\})$	1057916215296
18	$\mathcal{O}(4; \{9^5, 3\})$	17782600445100
18	$\mathcal{O}(4; \{18, 9^3, 2^3\})$	1785233613312
18	$\mathcal{O}(4; \{18, 9^3, 6, 3\})$	7140934453248
18	$\mathcal{O}(4; \{18^2, 9, 3^2, 2^2\})$	793437161472
18	$\mathcal{O}(4; \{18^2, 9, 6, 2^3\})$	396718580736
18	$\mathcal{O}(4; \{18^2, 9, 6^2, 3\})$	1586874322944
18	$\mathcal{O}(4; \{18^3, 9^2, 2\})$	8926168066560
18	$\mathcal{O}(4; \{18^4, 3^2\})$	7140934453248
18	$\mathcal{O}(4; \{18^4, 6, 2\})$	3570467226624
18	$\mathcal{O}(3; \{9^2, 3^2, 2^8\})$	816293376
18	$\mathcal{O}(3; \{9^2, 3^5, 2^4\})$	6530347008
18	$\mathcal{O}(3; \{9^2, 3^8\})$	51426482688
18	$\mathcal{O}(3; \{9^2, 6, 2^9\})$	408146688
18	$\mathcal{O}(3; \{9^2, 6, 3^3, 2^5\})$	3265173504
18	$\mathcal{O}(3; \{9^2, 6, 3^6, 2\})$	26121388032
18	$\mathcal{O}(3; \{9^2, 6^2, 3, 2^6\})$	1632586752
18	$\mathcal{O}(3; \{9^2, 6^2, 3^4, 2^2\})$	13060694016
18	$\mathcal{O}(3; \{9^2, 6^3, 3^2, 2^3\})$	6530347008
18	$\mathcal{O}(3; \{9^2, 6^4, 2^4\})$	3265173504
18	$\mathcal{O}(3; \{9^2, 6^4, 3^3\})$	26121388032
18	$\mathcal{O}(3; \{9^2, 6^5, 3, 2\})$	13060694016
18	$\mathcal{O}(3; \{9^5, 3, 2^4\})$	55099802880
18	$\mathcal{O}(3; \{9^5, 3^4\})$	433910947680
18	$\mathcal{O}(3; \{9^5, 6, 3^2, 2\})$	220399211520
18	$\mathcal{O}(3; \{9^5, 6^2, 2^2\})$	110199605760

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(3; \{9^8\})$	6297132628206
18	$\mathcal{O}(3; \{18, 9^3, 2^7\})$	5509980288
18	$\mathcal{O}(3; \{18, 9^3, 3^3, 2^3\})$	44079842304
18	$\mathcal{O}(3; \{18, 9^3, 6, 3, 2^4\})$	22039921152
18	$\mathcal{O}(3; \{18, 9^3, 6, 3^4\})$	176319369216
18	$\mathcal{O}(3; \{18, 9^3, 6^2, 3^2, 2\})$	88159684608
18	$\mathcal{O}(3; \{18, 9^3, 6^3, 2^2\})$	44079842304
18	$\mathcal{O}(3; \{18, 9^6, 6\})$	2082772548864
18	$\mathcal{O}(3; \{18^2, 9, 3^2, 2^6\})$	2448880128
18	$\mathcal{O}(3; \{18^2, 9, 3^5, 2^2\})$	19591041024
18	$\mathcal{O}(3; \{18^2, 9, 6, 2^7\})$	1224440064
18	$\mathcal{O}(3; \{18^2, 9, 6, 3^3, 2^3\})$	9795520512
18	$\mathcal{O}(3; \{18^2, 9, 6^2, 3, 2^4\})$	4897760256
18	$\mathcal{O}(3; \{18^2, 9, 6^2, 3^4\})$	39182082048
18	$\mathcal{O}(3; \{18^2, 9, 6^3, 3^2, 2\})$	19591041024
18	$\mathcal{O}(3; \{18^2, 9, 6^4, 2^2\})$	9795520512
18	$\mathcal{O}(3; \{18^2, 9^4, 3, 2^2\})$	363658699008
18	$\mathcal{O}(3; \{18^2, 9^4, 6^2\})$	727317398016
18	$\mathcal{O}(3; \{18^3, 9^2, 2^5\})$	27549901440
18	$\mathcal{O}(3; \{18^3, 9^2, 3^3, 2\})$	220399211520
18	$\mathcal{O}(3; \{18^3, 9^2, 6, 3, 2^2\})$	110199605760
18	$\mathcal{O}(3; \{18^3, 9^2, 6^3\})$	220399211520
18	$\mathcal{O}(3; \{18^4, 3^2, 2^4\})$	22039921152
18	$\mathcal{O}(3; \{18^4, 3^5\})$	176319369216
18	$\mathcal{O}(3; \{18^4, 6, 2^5\})$	11019960576
18	$\mathcal{O}(3; \{18^4, 6, 3^3, 2\})$	88159684608
18	$\mathcal{O}(3; \{18^4, 6^2, 3, 2^2\})$	44079842304
18	$\mathcal{O}(3; \{18^4, 6^4\})$	88159684608
18	$\mathcal{O}(3; \{18^4, 9^3, 3\})$	2082772548864
18	$\mathcal{O}(3; \{18^5, 9, 2^3\})$	181829349504
18	$\mathcal{O}(3; \{18^5, 9, 6, 3\})$	727317398016
18	$\mathcal{O}(3; \{18^7, 2\})$	1041386274432
18	$\mathcal{O}(2; \{9^2, 3^2, 2^{12}\})$	2519424
18	$\mathcal{O}(2; \{9^2, 3^5, 2^8\})$	20155392
18	$\mathcal{O}(2; \{9^2, 3^8, 2^4\})$	161243136
18	$\mathcal{O}(2; \{9^2, 3^{11}\})$	1209323520
18	$\mathcal{O}(2; \{9^2, 6, 2^{13}\})$	1259712
18	$\mathcal{O}(2; \{9^2, 6, 3^3, 2^9\})$	10077696
18	$\mathcal{O}(2; \{9^2, 6, 3^6, 2^5\})$	80621568
18	$\mathcal{O}(2; \{9^2, 6, 3^9, 2\})$	644972544
18	$\mathcal{O}(2; \{9^2, 6^2, 3, 2^{10}\})$	5038848
18	$\mathcal{O}(2; \{9^2, 6^2, 3^4, 2^6\})$	40310784
18	$\mathcal{O}(2; \{9^2, 6^2, 3^7, 2^2\})$	322486272

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(2; \{9^2, 6^3, 3^2, 2^7\})$	20155392
18	$\mathcal{O}(2; \{9^2, 6^3, 3^5, 2^3\})$	161243136
18	$\mathcal{O}(2; \{9^2, 6^4, 2^8\})$	10077696
18	$\mathcal{O}(2; \{9^2, 6^4, 3^3, 2^4\})$	80621568
18	$\mathcal{O}(2; \{9^2, 6^4, 3^6\})$	644972544
18	$\mathcal{O}(2; \{9^2, 6^5, 3, 2^5\})$	40310784
18	$\mathcal{O}(2; \{9^2, 6^5, 3^4, 2\})$	322486272
18	$\mathcal{O}(2; \{9^2, 6^6, 3^2, 2^2\})$	161243136
18	$\mathcal{O}(2; \{9^2, 6^7, 2^3\})$	80621568
18	$\mathcal{O}(2; \{9^2, 6^8, 3\})$	322486272
18	$\mathcal{O}(2; \{9^5, 3, 2^8\})$	170061120
18	$\mathcal{O}(2; \{9^5, 3^4, 2^4\})$	1360488960
18	$\mathcal{O}(2; \{9^5, 3^7\})$	10203667200
18	$\mathcal{O}(2; \{9^5, 6, 3^2, 2^5\})$	680244480
18	$\mathcal{O}(2; \{9^5, 6, 3^5, 2\})$	5441955840
18	$\mathcal{O}(2; \{9^5, 6^2, 2^6\})$	340122240
18	$\mathcal{O}(2; \{9^5, 6^2, 3^3, 2^2\})$	2720977920
18	$\mathcal{O}(2; \{9^5, 6^3, 3, 2^3\})$	1360488960
18	$\mathcal{O}(2; \{9^5, 6^4, 3^2\})$	5441955840
18	$\mathcal{O}(2; \{9^5, 6^5, 2\})$	2720977920
18	$\mathcal{O}(2; \{9^8, 2^4\})$	19744096032
18	$\mathcal{O}(2; \{9^8, 3^3\})$	148080720240
18	$\mathcal{O}(2; \{9^8, 6, 3, 2\})$	78976384128
18	$\mathcal{O}(2; \{18, 9^3, 2^{11}\})$	17006112
18	$\mathcal{O}(2; \{18, 9^3, 3^3, 2^7\})$	136048896
18	$\mathcal{O}(2; \{18, 9^3, 3^6, 2^3\})$	1088391168
18	$\mathcal{O}(2; \{18, 9^3, 6, 3, 2^8\})$	68024448
18	$\mathcal{O}(2; \{18, 9^3, 6, 3^4, 2^4\})$	544195584
18	$\mathcal{O}(2; \{18, 9^3, 6, 3^7\})$	4353564672
18	$\mathcal{O}(2; \{18, 9^3, 6^2, 3^2, 2^5\})$	272097792
18	$\mathcal{O}(2; \{18, 9^3, 6^2, 3^5, 2\})$	2176782336
18	$\mathcal{O}(2; \{18, 9^3, 6^3, 2^6\})$	136048896
18	$\mathcal{O}(2; \{18, 9^3, 6^3, 3^3, 2^2\})$	1088391168
18	$\mathcal{O}(2; \{18, 9^3, 6^4, 3, 2^3\})$	544195584
18	$\mathcal{O}(2; \{18, 9^3, 6^5, 3^2\})$	2176782336
18	$\mathcal{O}(2; \{18, 9^3, 6^6, 2\})$	1088391168
18	$\mathcal{O}(2; \{18, 9^6, 3^2, 2^3\})$	12856620672
18	$\mathcal{O}(2; \{18, 9^6, 6, 2^4\})$	6428310336
18	$\mathcal{O}(2; \{18, 9^6, 6, 3^3\})$	51426482688
18	$\mathcal{O}(2; \{18, 9^6, 6^2, 3, 2\})$	25713241344
18	$\mathcal{O}(2; \{18^2, 9, 3^2, 2^{10}\})$	7558272
18	$\mathcal{O}(2; \{18^2, 9, 3^5, 2^6\})$	60466176
18	$\mathcal{O}(2; \{18^2, 9, 3^8, 2^2\})$	483729408

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(2; \{18^2, 9, 6, 2^{11}\})$	3779136
18	$\mathcal{O}(2; \{18^2, 9, 6, 3^3, 2^7\})$	30233088
18	$\mathcal{O}(2; \{18^2, 9, 6, 3^6, 2^3\})$	241864704
18	$\mathcal{O}(2; \{18^2, 9, 6^2, 3, 2^8\})$	15116544
18	$\mathcal{O}(2; \{18^2, 9, 6^2, 3^4, 2^4\})$	120932352
18	$\mathcal{O}(2; \{18^2, 9, 6^2, 3^7\})$	967458816
18	$\mathcal{O}(2; \{18^2, 9, 6^3, 3^2, 2^5\})$	60466176
18	$\mathcal{O}(2; \{18^2, 9, 6^3, 3^5, 2\})$	483729408
18	$\mathcal{O}(2; \{18^2, 9, 6^4, 2^6\})$	30233088
18	$\mathcal{O}(2; \{18^2, 9, 6^4, 3^3, 2^2\})$	241864704
18	$\mathcal{O}(2; \{18^2, 9, 6^5, 3, 2^3\})$	120932352
18	$\mathcal{O}(2; \{18^2, 9, 6^6, 3^2\})$	483729408
18	$\mathcal{O}(2; \{18^2, 9, 6^7, 2\})$	241864704
18	$\mathcal{O}(2; \{18^2, 9^4, 3, 2^6\})$	1122403392
18	$\mathcal{O}(2; \{18^2, 9^4, 3^4, 2^2\})$	8979227136
18	$\mathcal{O}(2; \{18^2, 9^4, 6, 3^2, 2^3\})$	4489613568
18	$\mathcal{O}(2; \{18^2, 9^4, 6^2, 2^4\})$	2244806784
18	$\mathcal{O}(2; \{18^2, 9^4, 6^2, 3^3\})$	17958454272
18	$\mathcal{O}(2; \{18^2, 9^4, 6^3, 3, 2\})$	8979227136
18	$\mathcal{O}(2; \{18^2, 9^7, 2^2\})$	117087081120
18	$\mathcal{O}(2; \{18^3, 9^2, 2^9\})$	85030560
18	$\mathcal{O}(2; \{18^3, 9^2, 3^3, 2^5\})$	680244480
18	$\mathcal{O}(2; \{18^3, 9^2, 3^6, 2\})$	5441955840
18	$\mathcal{O}(2; \{18^3, 9^2, 6, 3, 2^6\})$	340122240
18	$\mathcal{O}(2; \{18^3, 9^2, 6, 3^4, 2^2\})$	2720977920
18	$\mathcal{O}(2; \{18^3, 9^2, 6^2, 3^2, 2^3\})$	1360488960
18	$\mathcal{O}(2; \{18^3, 9^2, 6^3, 2^4\})$	680244480
18	$\mathcal{O}(2; \{18^3, 9^2, 6^3, 3^3\})$	5441955840
18	$\mathcal{O}(2; \{18^3, 9^2, 6^4, 3, 2\})$	2720977920
18	$\mathcal{O}(2; \{18^3, 9^5, 3^2, 2\})$	78976384128
18	$\mathcal{O}(2; \{18^3, 9^5, 6, 2^2\})$	39488192064
18	$\mathcal{O}(2; \{18^4, 3^2, 2^8\})$	68024448
18	$\mathcal{O}(2; \{18^4, 3^5, 2^4\})$	544195584
18	$\mathcal{O}(2; \{18^4, 3^8\})$	4353564672
18	$\mathcal{O}(2; \{18^4, 6, 2^9\})$	34012224
18	$\mathcal{O}(2; \{18^4, 6, 3^3, 2^5\})$	272097792
18	$\mathcal{O}(2; \{18^4, 6, 3^6, 2\})$	2176782336
18	$\mathcal{O}(2; \{18^4, 6^2, 3, 2^6\})$	136048896
18	$\mathcal{O}(2; \{18^4, 6^2, 3^4, 2^2\})$	1088391168
18	$\mathcal{O}(2; \{18^4, 6^3, 3^2, 2^3\})$	544195584
18	$\mathcal{O}(2; \{18^4, 6^4, 2^4\})$	272097792
18	$\mathcal{O}(2; \{18^4, 6^4, 3^3\})$	2176782336
18	$\mathcal{O}(2; \{18^4, 6^5, 3, 2\})$	1088391168

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(2; \{18^4, 9^3, 3, 2^4\})$	6428310336
18	$\mathcal{O}(2; \{18^4, 9^3, 3^4\})$	51426482688
18	$\mathcal{O}(2; \{18^4, 9^3, 6, 3^2, 2\})$	25713241344
18	$\mathcal{O}(2; \{18^4, 9^3, 6^2, 2^2\})$	12856620672
18	$\mathcal{O}(2; \{18^4, 9^6\})$	706654971936
18	$\mathcal{O}(2; \{18^5, 9, 2^7\})$	561201696
18	$\mathcal{O}(2; \{18^5, 9, 3^3, 2^3\})$	4489613568
18	$\mathcal{O}(2; \{18^5, 9, 6, 3, 2^4\})$	2244806784
18	$\mathcal{O}(2; \{18^5, 9, 6, 3^4\})$	17958454272
18	$\mathcal{O}(2; \{18^5, 9, 6^2, 3^2, 2\})$	8979227136
18	$\mathcal{O}(2; \{18^5, 9, 6^3, 2^2\})$	4489613568
18	$\mathcal{O}(2; \{18^5, 9^4, 6\})$	234174162240
18	$\mathcal{O}(2; \{18^6, 9^2, 3, 2^2\})$	39488192064
18	$\mathcal{O}(2; \{18^6, 9^2, 6^2\})$	78976384128
18	$\mathcal{O}(2; \{18^7, 2^5\})$	3214155168
18	$\mathcal{O}(2; \{18^7, 3^3, 2\})$	25713241344
18	$\mathcal{O}(2; \{18^7, 6, 3, 2^2\})$	12856620672
18	$\mathcal{O}(2; \{18^7, 6^3\})$	25713241344
18	$\mathcal{O}(2; \{18^8, 9, 3\})$	234174162240
18	$\mathcal{O}(1; \{9^2, 3^2, 2^{16}\})$	7776
18	$\mathcal{O}(1; \{9^2, 3^5, 2^{12}\})$	62208
18	$\mathcal{O}(1; \{9^2, 3^8, 2^8\})$	497664
18	$\mathcal{O}(1; \{9^2, 3^{11}, 2^4\})$	3981312
18	$\mathcal{O}(1; \{9^2, 3^{14}\})$	23887872
18	$\mathcal{O}(1; \{9^2, 6, 2^{17}\})$	3888
18	$\mathcal{O}(1; \{9^2, 6, 3^3, 2^{13}\})$	31104
18	$\mathcal{O}(1; \{9^2, 6, 3^6, 2^9\})$	248832
18	$\mathcal{O}(1; \{9^2, 6, 3^9, 2^5\})$	1990656
18	$\mathcal{O}(1; \{9^2, 6, 3^{12}, 2\})$	15925248
18	$\mathcal{O}(1; \{9^2, 6^2, 3, 2^{14}\})$	15552
18	$\mathcal{O}(1; \{9^2, 6^2, 3^4, 2^{10}\})$	124416
18	$\mathcal{O}(1; \{9^2, 6^2, 3^7, 2^6\})$	995328
18	$\mathcal{O}(1; \{9^2, 6^2, 3^{10}, 2^2\})$	7962624
18	$\mathcal{O}(1; \{9^2, 6^3, 3^2, 2^{11}\})$	62208
18	$\mathcal{O}(1; \{9^2, 6^3, 3^5, 2^7\})$	497664
18	$\mathcal{O}(1; \{9^2, 6^3, 3^8, 2^3\})$	3981312
18	$\mathcal{O}(1; \{9^2, 6^4, 2^{12}\})$	31104
18	$\mathcal{O}(1; \{9^2, 6^4, 3^3, 2^8\})$	248832
18	$\mathcal{O}(1; \{9^2, 6^4, 3^6, 2^4\})$	1990656
18	$\mathcal{O}(1; \{9^2, 6^4, 3^9\})$	15925248
18	$\mathcal{O}(1; \{9^2, 6^5, 3, 2^9\})$	124416
18	$\mathcal{O}(1; \{9^2, 6^5, 3^4, 2^5\})$	995328
18	$\mathcal{O}(1; \{9^2, 6^5, 3^7, 2\})$	7962624

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{9^2, 6^6, 3^2, 2^6\})$	497664
18	$\mathcal{O}(1; \{9^2, 6^6, 3^5, 2^2\})$	3981312
18	$\mathcal{O}(1; \{9^2, 6^7, 2^7\})$	248832
18	$\mathcal{O}(1; \{9^2, 6^7, 3^3, 2^3\})$	1990656
18	$\mathcal{O}(1; \{9^2, 6^8, 3, 2^4\})$	995328
18	$\mathcal{O}(1; \{9^2, 6^8, 3^4\})$	7962624
18	$\mathcal{O}(1; \{9^2, 6^9, 3^2, 2\})$	3981312
18	$\mathcal{O}(1; \{9^2, 6^{10}, 2^2\})$	1990656
18	$\mathcal{O}(1; \{9^5, 3, 2^{12}\})$	524880
18	$\mathcal{O}(1; \{9^5, 3^4, 2^8\})$	4199040
18	$\mathcal{O}(1; \{9^5, 3^7, 2^4\})$	33592320
18	$\mathcal{O}(1; \{9^5, 3^{10}\})$	201553920
18	$\mathcal{O}(1; \{9^5, 6, 3^2, 2^9\})$	2099520
18	$\mathcal{O}(1; \{9^5, 6, 3^5, 2^5\})$	16796160
18	$\mathcal{O}(1; \{9^5, 6, 3^8, 2\})$	134369280
18	$\mathcal{O}(1; \{9^5, 6^2, 2^{10}\})$	1049760
18	$\mathcal{O}(1; \{9^5, 6^2, 3^3, 2^6\})$	8398080
18	$\mathcal{O}(1; \{9^5, 6^2, 3^6, 2^2\})$	67184640
18	$\mathcal{O}(1; \{9^5, 6^3, 3, 2^7\})$	4199040
18	$\mathcal{O}(1; \{9^5, 6^3, 3^4, 2^3\})$	33592320
18	$\mathcal{O}(1; \{9^5, 6^4, 3^2, 2^4\})$	16796160
18	$\mathcal{O}(1; \{9^5, 6^4, 3^5\})$	134369280
18	$\mathcal{O}(1; \{9^5, 6^5, 2^5\})$	8398080
18	$\mathcal{O}(1; \{9^5, 6^5, 3^3, 2\})$	67184640
18	$\mathcal{O}(1; \{9^5, 6^6, 3, 2^2\})$	33592320
18	$\mathcal{O}(1; \{9^5, 6^8\})$	67184640
18	$\mathcal{O}(1; \{9^8, 2^8\})$	60938568
18	$\mathcal{O}(1; \{9^8, 3^3, 2^4\})$	487508544
18	$\mathcal{O}(1; \{9^8, 3^6\})$	2925051264
18	$\mathcal{O}(1; \{9^8, 6, 3, 2^5\})$	243754272
18	$\mathcal{O}(1; \{9^8, 6, 3^4, 2\})$	1950034176
18	$\mathcal{O}(1; \{9^8, 6^2, 3^2, 2^2\})$	975017088
18	$\mathcal{O}(1; \{9^8, 6^3, 2^3\})$	487508544
18	$\mathcal{O}(1; \{9^8, 6^4, 3\})$	1950034176
18	$\mathcal{O}(1; \{9^{11}, 3^2\})$	39143818296
18	$\mathcal{O}(1; \{9^{11}, 6, 2\})$	26095878864
18	$\mathcal{O}(1; \{18, 9^3, 2^{15}\})$	52488
18	$\mathcal{O}(1; \{18, 9^3, 3^3, 2^{11}\})$	419904
18	$\mathcal{O}(1; \{18, 9^3, 3^6, 2^7\})$	3359232
18	$\mathcal{O}(1; \{18, 9^3, 3^9, 2^3\})$	26873856
18	$\mathcal{O}(1; \{18, 9^3, 6, 3, 2^{12}\})$	209952
18	$\mathcal{O}(1; \{18, 9^3, 6, 3^4, 2^8\})$	1679616
18	$\mathcal{O}(1; \{18, 9^3, 6, 3^7, 2^4\})$	13436928

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18, 9^3, 6, 3^{10}\})$	107495424
18	$\mathcal{O}(1; \{18, 9^3, 6^2, 3^2, 2^9\})$	839808
18	$\mathcal{O}(1; \{18, 9^3, 6^2, 3^5, 2^5\})$	6718464
18	$\mathcal{O}(1; \{18, 9^3, 6^2, 3^8, 2\})$	53747712
18	$\mathcal{O}(1; \{18, 9^3, 6^3, 2^{10}\})$	419904
18	$\mathcal{O}(1; \{18, 9^3, 6^3, 3^3, 2^6\})$	3359232
18	$\mathcal{O}(1; \{18, 9^3, 6^3, 3^6, 2^2\})$	26873856
18	$\mathcal{O}(1; \{18, 9^3, 6^4, 3, 2^7\})$	1679616
18	$\mathcal{O}(1; \{18, 9^3, 6^4, 3^4, 2^3\})$	13436928
18	$\mathcal{O}(1; \{18, 9^3, 6^5, 3^2, 2^4\})$	6718464
18	$\mathcal{O}(1; \{18, 9^3, 6^5, 3^5\})$	53747712
18	$\mathcal{O}(1; \{18, 9^3, 6^6, 2^5\})$	3359232
18	$\mathcal{O}(1; \{18, 9^3, 6^6, 3^3, 2\})$	26873856
18	$\mathcal{O}(1; \{18, 9^3, 6^7, 3, 2^2\})$	13436928
18	$\mathcal{O}(1; \{18, 9^3, 6^9\})$	26873856
18	$\mathcal{O}(1; \{18, 9^6, 3^2, 2^7\})$	39680928
18	$\mathcal{O}(1; \{18, 9^6, 3^5, 2^3\})$	317447424
18	$\mathcal{O}(1; \{18, 9^6, 6, 2^8\})$	19840464
18	$\mathcal{O}(1; \{18, 9^6, 6, 3^3, 2^4\})$	158723712
18	$\mathcal{O}(1; \{18, 9^6, 6, 3^6\})$	1269789696
18	$\mathcal{O}(1; \{18, 9^6, 6^2, 3, 2^5\})$	79361856
18	$\mathcal{O}(1; \{18, 9^6, 6^2, 3^4, 2\})$	634894848
18	$\mathcal{O}(1; \{18, 9^6, 6^3, 3^2, 2^2\})$	317447424
18	$\mathcal{O}(1; \{18, 9^6, 6^4, 2^3\})$	158723712
18	$\mathcal{O}(1; \{18, 9^6, 6^5, 3\})$	634894848
18	$\mathcal{O}(1; \{18, 9^9, 3, 2^3\})$	4362067728
18	$\mathcal{O}(1; \{18, 9^9, 6, 3^2\})$	17448270912
18	$\mathcal{O}(1; \{18, 9^9, 6^2, 2\})$	8724135456
18	$\mathcal{O}(1; \{18^2, 9, 3^2, 2^{14}\})$	23328
18	$\mathcal{O}(1; \{18^2, 9, 3^5, 2^{10}\})$	186624
18	$\mathcal{O}(1; \{18^2, 9, 3^8, 2^6\})$	1492992
18	$\mathcal{O}(1; \{18^2, 9, 3^{11}, 2^2\})$	11943936
18	$\mathcal{O}(1; \{18^2, 9, 6, 2^{15}\})$	11664
18	$\mathcal{O}(1; \{18^2, 9, 6, 3^3, 2^{11}\})$	93312
18	$\mathcal{O}(1; \{18^2, 9, 6, 3^6, 2^7\})$	746496
18	$\mathcal{O}(1; \{18^2, 9, 6, 3^9, 2^3\})$	5971968
18	$\mathcal{O}(1; \{18^2, 9, 6^2, 3, 2^{12}\})$	46656
18	$\mathcal{O}(1; \{18^2, 9, 6^2, 3^4, 2^8\})$	373248
18	$\mathcal{O}(1; \{18^2, 9, 6^2, 3^7, 2^4\})$	2985984
18	$\mathcal{O}(1; \{18^2, 9, 6^2, 3^{10}\})$	23887872
18	$\mathcal{O}(1; \{18^2, 9, 6^3, 3^2, 2^9\})$	186624
18	$\mathcal{O}(1; \{18^2, 9, 6^3, 3^5, 2^5\})$	1492992
18	$\mathcal{O}(1; \{18^2, 9, 6^3, 3^8, 2\})$	11943936

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18^2, 9, 6^4, 2^{10}\})$	93312
18	$\mathcal{O}(1; \{18^2, 9, 6^4, 3^3, 2^6\})$	746496
18	$\mathcal{O}(1; \{18^2, 9, 6^4, 3^6, 2^2\})$	5971968
18	$\mathcal{O}(1; \{18^2, 9, 6^5, 3, 2^7\})$	373248
18	$\mathcal{O}(1; \{18^2, 9, 6^5, 3^4, 2^3\})$	2985984
18	$\mathcal{O}(1; \{18^2, 9, 6^6, 3^2, 2^4\})$	1492992
18	$\mathcal{O}(1; \{18^2, 9, 6^6, 3^5\})$	11943936
18	$\mathcal{O}(1; \{18^2, 9, 6^7, 2^5\})$	746496
18	$\mathcal{O}(1; \{18^2, 9, 6^7, 3^3, 2\})$	5971968
18	$\mathcal{O}(1; \{18^2, 9, 6^8, 3, 2^2\})$	2985984
18	$\mathcal{O}(1; \{18^2, 9, 6^{10}\})$	5971968
18	$\mathcal{O}(1; \{18^2, 9^4, 3, 2^{10}\})$	3464208
18	$\mathcal{O}(1; \{18^2, 9^4, 3^4, 2^6\})$	27713664
18	$\mathcal{O}(1; \{18^2, 9^4, 3^7, 2^2\})$	221709312
18	$\mathcal{O}(1; \{18^2, 9^4, 6, 3^2, 2^7\})$	13856832
18	$\mathcal{O}(1; \{18^2, 9^4, 6, 3^5, 2^3\})$	110854656
18	$\mathcal{O}(1; \{18^2, 9^4, 6^2, 2^8\})$	6928416
18	$\mathcal{O}(1; \{18^2, 9^4, 6^2, 3^3, 2^4\})$	55427328
18	$\mathcal{O}(1; \{18^2, 9^4, 6^2, 3^6\})$	443418624
18	$\mathcal{O}(1; \{18^2, 9^4, 6^3, 3, 2^5\})$	27713664
18	$\mathcal{O}(1; \{18^2, 9^4, 6^3, 3^4, 2\})$	221709312
18	$\mathcal{O}(1; \{18^2, 9^4, 6^4, 3^2, 2^2\})$	110854656
18	$\mathcal{O}(1; \{18^2, 9^4, 6^5, 2^3\})$	55427328
18	$\mathcal{O}(1; \{18^2, 9^4, 6^6, 3\})$	221709312
18	$\mathcal{O}(1; \{18^2, 9^7, 2^6\})$	361379880
18	$\mathcal{O}(1; \{18^2, 9^7, 3^3, 2^2\})$	2891039040
18	$\mathcal{O}(1; \{18^2, 9^7, 6, 3, 2^3\})$	1445519520
18	$\mathcal{O}(1; \{18^2, 9^7, 6^2, 3^2\})$	5782078080
18	$\mathcal{O}(1; \{18^2, 9^7, 6^3, 2\})$	2891039040
18	$\mathcal{O}(1; \{18^3, 9^2, 2^{13}\})$	262440
18	$\mathcal{O}(1; \{18^3, 9^2, 3^3, 2^9\})$	2099520
18	$\mathcal{O}(1; \{18^3, 9^2, 3^6, 2^5\})$	16796160
18	$\mathcal{O}(1; \{18^3, 9^2, 3^9, 2\})$	134369280
18	$\mathcal{O}(1; \{18^3, 9^2, 6, 3, 2^{10}\})$	1049760
18	$\mathcal{O}(1; \{18^3, 9^2, 6, 3^4, 2^6\})$	8398080
18	$\mathcal{O}(1; \{18^3, 9^2, 6, 3^7, 2^2\})$	67184640
18	$\mathcal{O}(1; \{18^3, 9^2, 6^2, 3^2, 2^7\})$	4199040
18	$\mathcal{O}(1; \{18^3, 9^2, 6^2, 3^5, 2^3\})$	33592320
18	$\mathcal{O}(1; \{18^3, 9^2, 6^3, 2^8\})$	2099520
18	$\mathcal{O}(1; \{18^3, 9^2, 6^3, 3^3, 2^4\})$	16796160
18	$\mathcal{O}(1; \{18^3, 9^2, 6^3, 3^6\})$	134369280
18	$\mathcal{O}(1; \{18^3, 9^2, 6^4, 3, 2^5\})$	8398080
18	$\mathcal{O}(1; \{18^3, 9^2, 6^4, 3^4, 2\})$	67184640

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18^3, 9^2, 6^5, 3^2, 2^2\})$	33592320
18	$\mathcal{O}(1; \{18^3, 9^2, 6^6, 2^3\})$	16796160
18	$\mathcal{O}(1; \{18^3, 9^2, 6^7, 3\})$	67184640
18	$\mathcal{O}(1; \{18^3, 9^5, 3^2, 2^5\})$	243754272
18	$\mathcal{O}(1; \{18^3, 9^5, 3^5, 2\})$	1950034176
18	$\mathcal{O}(1; \{18^3, 9^5, 6, 2^6\})$	121877136
18	$\mathcal{O}(1; \{18^3, 9^5, 6, 3^3, 2^2\})$	975017088
18	$\mathcal{O}(1; \{18^3, 9^5, 6^2, 3, 2^3\})$	487508544
18	$\mathcal{O}(1; \{18^3, 9^5, 6^3, 3^2\})$	1950034176
18	$\mathcal{O}(1; \{18^3, 9^5, 6^4, 2\})$	975017088
18	$\mathcal{O}(1; \{18^3, 9^8, 3, 2\})$	26095878864
18	$\mathcal{O}(1; \{18^4, 3^2, 2^{12}\})$	209952
18	$\mathcal{O}(1; \{18^4, 3^5, 2^8\})$	1679616
18	$\mathcal{O}(1; \{18^4, 3^8, 2^4\})$	13436928
18	$\mathcal{O}(1; \{18^4, 3^{11}\})$	107495424
18	$\mathcal{O}(1; \{18^4, 6, 2^{13}\})$	104976
18	$\mathcal{O}(1; \{18^4, 6, 3^3, 2^9\})$	839808
18	$\mathcal{O}(1; \{18^4, 6, 3^6, 2^5\})$	6718464
18	$\mathcal{O}(1; \{18^4, 6, 3^9, 2\})$	53747712
18	$\mathcal{O}(1; \{18^4, 6^2, 3, 2^{10}\})$	419904
18	$\mathcal{O}(1; \{18^4, 6^2, 3^4, 2^6\})$	3359232
18	$\mathcal{O}(1; \{18^4, 6^2, 3^7, 2^2\})$	26873856
18	$\mathcal{O}(1; \{18^4, 6^3, 3^2, 2^7\})$	1679616
18	$\mathcal{O}(1; \{18^4, 6^3, 3^5, 2^3\})$	13436928
18	$\mathcal{O}(1; \{18^4, 6^4, 2^8\})$	839808
18	$\mathcal{O}(1; \{18^4, 6^4, 3^3, 2^4\})$	6718464
18	$\mathcal{O}(1; \{18^4, 6^4, 3^6\})$	53747712
18	$\mathcal{O}(1; \{18^4, 6^5, 3, 2^5\})$	3359232
18	$\mathcal{O}(1; \{18^4, 6^5, 3^4, 2\})$	26873856
18	$\mathcal{O}(1; \{18^4, 6^6, 3^2, 2^2\})$	13436928
18	$\mathcal{O}(1; \{18^4, 6^7, 2^3\})$	6718464
18	$\mathcal{O}(1; \{18^4, 6^8, 3\})$	26873856
18	$\mathcal{O}(1; \{18^4, 9^3, 3, 2^8\})$	19840464
18	$\mathcal{O}(1; \{18^4, 9^3, 3^4, 2^4\})$	158723712
18	$\mathcal{O}(1; \{18^4, 9^3, 3^7\})$	1269789696
18	$\mathcal{O}(1; \{18^4, 9^3, 6, 3^2, 2^5\})$	79361856
18	$\mathcal{O}(1; \{18^4, 9^3, 6, 3^5, 2\})$	634894848
18	$\mathcal{O}(1; \{18^4, 9^3, 6^2, 2^6\})$	39680928
18	$\mathcal{O}(1; \{18^4, 9^3, 6^2, 3^3, 2^2\})$	317447424
18	$\mathcal{O}(1; \{18^4, 9^3, 6^3, 3, 2^3\})$	158723712
18	$\mathcal{O}(1; \{18^4, 9^3, 6^4, 3^2\})$	634894848
18	$\mathcal{O}(1; \{18^4, 9^3, 6^5, 2\})$	317447424
18	$\mathcal{O}(1; \{18^4, 9^6, 2^4\})$	2181033864

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18^4, 9^6, 3^3\})$	17448270912
18	$\mathcal{O}(1; \{18^4, 9^6, 6, 3, 2\})$	8724135456
18	$\mathcal{O}(1; \{18^5, 9, 2^{11}\})$	1732104
18	$\mathcal{O}(1; \{18^5, 9, 3^3, 2^7\})$	13856832
18	$\mathcal{O}(1; \{18^5, 9, 3^6, 2^3\})$	110854656
18	$\mathcal{O}(1; \{18^5, 9, 6, 3, 2^8\})$	6928416
18	$\mathcal{O}(1; \{18^5, 9, 6, 3^4, 2^4\})$	55427328
18	$\mathcal{O}(1; \{18^5, 9, 6, 3^7\})$	443418624
18	$\mathcal{O}(1; \{18^5, 9, 6^2, 3^2, 2^5\})$	27713664
18	$\mathcal{O}(1; \{18^5, 9, 6^2, 3^5, 2\})$	221709312
18	$\mathcal{O}(1; \{18^5, 9, 6^3, 2^6\})$	13856832
18	$\mathcal{O}(1; \{18^5, 9, 6^3, 3^3, 2^2\})$	110854656
18	$\mathcal{O}(1; \{18^5, 9, 6^4, 3, 2^3\})$	55427328
18	$\mathcal{O}(1; \{18^5, 9, 6^5, 3^2\})$	221709312
18	$\mathcal{O}(1; \{18^5, 9, 6^6, 2\})$	110854656
18	$\mathcal{O}(1; \{18^5, 9^4, 3^2, 2^3\})$	1445519520
18	$\mathcal{O}(1; \{18^5, 9^4, 6, 2^4\})$	722759760
18	$\mathcal{O}(1; \{18^5, 9^4, 6, 3^3\})$	5782078080
18	$\mathcal{O}(1; \{18^5, 9^4, 6^2, 3, 2\})$	2891039040
18	$\mathcal{O}(1; \{18^6, 9^2, 3, 2^6\})$	121877136
18	$\mathcal{O}(1; \{18^6, 9^2, 3^4, 2^2\})$	975017088
18	$\mathcal{O}(1; \{18^6, 9^2, 6, 3^2, 2^3\})$	487508544
18	$\mathcal{O}(1; \{18^6, 9^2, 6^2, 2^4\})$	243754272
18	$\mathcal{O}(1; \{18^6, 9^2, 6^2, 3^3\})$	1950034176
18	$\mathcal{O}(1; \{18^6, 9^2, 6^3, 3, 2\})$	975017088
18	$\mathcal{O}(1; \{18^6, 9^5, 2^2\})$	13047939432
18	$\mathcal{O}(1; \{18^7, 2^9\})$	9920232
18	$\mathcal{O}(1; \{18^7, 3^3, 2^5\})$	79361856
18	$\mathcal{O}(1; \{18^7, 3^6, 2\})$	634894848
18	$\mathcal{O}(1; \{18^7, 6, 3, 2^6\})$	39680928
18	$\mathcal{O}(1; \{18^7, 6, 3^4, 2^2\})$	317447424
18	$\mathcal{O}(1; \{18^7, 6^2, 3^2, 2^3\})$	158723712
18	$\mathcal{O}(1; \{18^7, 6^3, 2^4\})$	79361856
18	$\mathcal{O}(1; \{18^7, 6^3, 3^3\})$	634894848
18	$\mathcal{O}(1; \{18^7, 6^4, 3, 2\})$	317447424
18	$\mathcal{O}(1; \{18^7, 9^3, 3^2, 2\})$	8724135456
18	$\mathcal{O}(1; \{18^7, 9^3, 6, 2^2\})$	4362067728
18	$\mathcal{O}(1; \{18^8, 9, 3, 2^4\})$	722759760
18	$\mathcal{O}(1; \{18^8, 9, 3^4\})$	5782078080
18	$\mathcal{O}(1; \{18^8, 9, 6, 3^2, 2\})$	2891039040
18	$\mathcal{O}(1; \{18^8, 9, 6^2, 2^2\})$	1445519520
18	$\mathcal{O}(1; \{18^8, 9^4\})$	78402427848
18	$\mathcal{O}(1; \{18^9, 9^2, 6\})$	26095878864

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(1; \{18^{10}, 3, 2^2\})$	4362067728
18	$\mathcal{O}(1; \{18^{10}, 6^2\})$	8724135456
18	$\mathcal{O}(0; \{9^2, 3^2, 2^{20}\})$	24
18	$\mathcal{O}(0; \{9^2, 3^5, 2^{16}\})$	192
18	$\mathcal{O}(0; \{9^2, 3^8, 2^{12}\})$	1536
18	$\mathcal{O}(0; \{9^2, 3^{11}, 2^8\})$	12288
18	$\mathcal{O}(0; \{9^2, 3^{14}, 2^4\})$	98304
18	$\mathcal{O}(0; \{9^2, 6, 2^{21}\})$	12
18	$\mathcal{O}(0; \{9^2, 6, 3^3, 2^{17}\})$	96
18	$\mathcal{O}(0; \{9^2, 6, 3^6, 2^{13}\})$	768
18	$\mathcal{O}(0; \{9^2, 6, 3^9, 2^9\})$	6144
18	$\mathcal{O}(0; \{9^2, 6, 3^{12}, 2^5\})$	49152
18	$\mathcal{O}(0; \{9^2, 6, 3^{15}, 2\})$	393216
18	$\mathcal{O}(0; \{9^2, 6^2, 3, 2^{18}\})$	48
18	$\mathcal{O}(0; \{9^2, 6^2, 3^4, 2^{14}\})$	384
18	$\mathcal{O}(0; \{9^2, 6^2, 3^7, 2^{10}\})$	3072
18	$\mathcal{O}(0; \{9^2, 6^2, 3^{10}, 2^6\})$	24576
18	$\mathcal{O}(0; \{9^2, 6^2, 3^{13}, 2^2\})$	196608
18	$\mathcal{O}(0; \{9^2, 6^3, 3^2, 2^{15}\})$	192
18	$\mathcal{O}(0; \{9^2, 6^3, 3^5, 2^{11}\})$	1536
18	$\mathcal{O}(0; \{9^2, 6^3, 3^8, 2^7\})$	12288
18	$\mathcal{O}(0; \{9^2, 6^3, 3^{11}, 2^3\})$	98304
18	$\mathcal{O}(0; \{9^2, 6^4, 2^{16}\})$	96
18	$\mathcal{O}(0; \{9^2, 6^4, 3^3, 2^{12}\})$	768
18	$\mathcal{O}(0; \{9^2, 6^4, 3^6, 2^8\})$	6144
18	$\mathcal{O}(0; \{9^2, 6^4, 3^9, 2^4\})$	49152
18	$\mathcal{O}(0; \{9^2, 6^4, 3^{12}\})$	393216
18	$\mathcal{O}(0; \{9^2, 6^5, 3, 2^{13}\})$	384
18	$\mathcal{O}(0; \{9^2, 6^5, 3^4, 2^9\})$	3072
18	$\mathcal{O}(0; \{9^2, 6^5, 3^7, 2^5\})$	24576
18	$\mathcal{O}(0; \{9^2, 6^5, 3^{10}, 2\})$	196608
18	$\mathcal{O}(0; \{9^2, 6^6, 3^2, 2^{10}\})$	1536
18	$\mathcal{O}(0; \{9^2, 6^6, 3^5, 2^6\})$	12288
18	$\mathcal{O}(0; \{9^2, 6^6, 3^8, 2^2\})$	98304
18	$\mathcal{O}(0; \{9^2, 6^7, 2^{11}\})$	768
18	$\mathcal{O}(0; \{9^2, 6^7, 3^3, 2^7\})$	6144
18	$\mathcal{O}(0; \{9^2, 6^7, 3^6, 2^3\})$	49152
18	$\mathcal{O}(0; \{9^2, 6^8, 3, 2^8\})$	3072
18	$\mathcal{O}(0; \{9^2, 6^8, 3^4, 2^4\})$	24576
18	$\mathcal{O}(0; \{9^2, 6^8, 3^7\})$	196608
18	$\mathcal{O}(0; \{9^2, 6^9, 3^2, 2^5\})$	12288
18	$\mathcal{O}(0; \{9^2, 6^9, 3^5, 2\})$	98304
18	$\mathcal{O}(0; \{9^2, 6^{10}, 2^6\})$	6144

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{9^2, 6^{10}, 3^3, 2^2\})$	49152
18	$\mathcal{O}(0; \{9^2, 6^{11}, 3, 2^3\})$	24576
18	$\mathcal{O}(0; \{9^2, 6^{12}, 3^2\})$	98304
18	$\mathcal{O}(0; \{9^2, 6^{13}, 2\})$	49152
18	$\mathcal{O}(0; \{9^5, 3, 2^{16}\})$	1620
18	$\mathcal{O}(0; \{9^5, 3^4, 2^{12}\})$	12960
18	$\mathcal{O}(0; \{9^5, 3^7, 2^8\})$	103680
18	$\mathcal{O}(0; \{9^5, 3^{10}, 2^4\})$	829440
18	$\mathcal{O}(0; \{9^5, 6, 3^2, 2^{13}\})$	6480
18	$\mathcal{O}(0; \{9^5, 6, 3^5, 2^9\})$	51840
18	$\mathcal{O}(0; \{9^5, 6, 3^8, 2^5\})$	414720
18	$\mathcal{O}(0; \{9^5, 6, 3^{11}, 2\})$	3317760
18	$\mathcal{O}(0; \{9^5, 6^2, 2^{14}\})$	3240
18	$\mathcal{O}(0; \{9^5, 6^2, 3^3, 2^{10}\})$	25920
18	$\mathcal{O}(0; \{9^5, 6^2, 3^6, 2^6\})$	207360
18	$\mathcal{O}(0; \{9^5, 6^2, 3^9, 2^2\})$	1658880
18	$\mathcal{O}(0; \{9^5, 6^3, 3, 2^{11}\})$	12960
18	$\mathcal{O}(0; \{9^5, 6^3, 3^4, 2^7\})$	103680
18	$\mathcal{O}(0; \{9^5, 6^3, 3^7, 2^3\})$	829440
18	$\mathcal{O}(0; \{9^5, 6^4, 3^2, 2^8\})$	51840
18	$\mathcal{O}(0; \{9^5, 6^4, 3^5, 2^4\})$	414720
18	$\mathcal{O}(0; \{9^5, 6^4, 3^8\})$	3317760
18	$\mathcal{O}(0; \{9^5, 6^5, 2^9\})$	25920
18	$\mathcal{O}(0; \{9^5, 6^5, 3^3, 2^5\})$	207360
18	$\mathcal{O}(0; \{9^5, 6^5, 3^6, 2\})$	1658880
18	$\mathcal{O}(0; \{9^5, 6^6, 3, 2^6\})$	103680
18	$\mathcal{O}(0; \{9^5, 6^6, 3^4, 2^2\})$	829440
18	$\mathcal{O}(0; \{9^5, 6^7, 3^2, 2^3\})$	414720
18	$\mathcal{O}(0; \{9^5, 6^8, 2^4\})$	207360
18	$\mathcal{O}(0; \{9^5, 6^8, 3^3\})$	1658880
18	$\mathcal{O}(0; \{9^5, 6^9, 3, 2\})$	829440
18	$\mathcal{O}(0; \{9^8, 2^{12}\})$	188082
18	$\mathcal{O}(0; \{9^8, 3^3, 2^8\})$	1504656
18	$\mathcal{O}(0; \{9^8, 3^6, 2^4\})$	12037248
18	$\mathcal{O}(0; \{9^8, 6, 3, 2^9\})$	752328
18	$\mathcal{O}(0; \{9^8, 6, 3^4, 2^5\})$	6018624
18	$\mathcal{O}(0; \{9^8, 6, 3^7, 2\})$	48148992
18	$\mathcal{O}(0; \{9^8, 6^2, 3^2, 2^6\})$	3009312
18	$\mathcal{O}(0; \{9^8, 6^2, 3^5, 2^2\})$	24074496
18	$\mathcal{O}(0; \{9^8, 6^3, 2^7\})$	1504656
18	$\mathcal{O}(0; \{9^8, 6^3, 3^3, 2^3\})$	12037248
18	$\mathcal{O}(0; \{9^8, 6^4, 3, 2^4\})$	6018624
18	$\mathcal{O}(0; \{9^8, 6^4, 3^4\})$	48148992

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{9^8, 6^5, 3^2, 2\})$	24074496
18	$\mathcal{O}(0; \{9^8, 6^6, 2^2\})$	12037248
18	$\mathcal{O}(0; \{9^{11}, 3^2, 2^4\})$	161085672
18	$\mathcal{O}(0; \{9^{11}, 6, 2^5\})$	80542836
18	$\mathcal{O}(0; \{9^{11}, 6, 3^3, 2\})$	644342688
18	$\mathcal{O}(0; \{9^{11}, 6^2, 3, 2^2\})$	322171344
18	$\mathcal{O}(0; \{9^{11}, 6^4\})$	644342688
18	$\mathcal{O}(0; \{18, 9^3, 2^{19}\})$	162
18	$\mathcal{O}(0; \{18, 9^3, 3^3, 2^{15}\})$	1296
18	$\mathcal{O}(0; \{18, 9^3, 3^6, 2^{11}\})$	10368
18	$\mathcal{O}(0; \{18, 9^3, 3^9, 2^7\})$	82944
18	$\mathcal{O}(0; \{18, 9^3, 3^{12}, 2^3\})$	663552
18	$\mathcal{O}(0; \{18, 9^3, 6, 3, 2^{16}\})$	648
18	$\mathcal{O}(0; \{18, 9^3, 6, 3^4, 2^{12}\})$	5184
18	$\mathcal{O}(0; \{18, 9^3, 6, 3^7, 2^8\})$	41472
18	$\mathcal{O}(0; \{18, 9^3, 6, 3^{10}, 2^4\})$	331776
18	$\mathcal{O}(0; \{18, 9^3, 6, 3^{13}\})$	2654208
18	$\mathcal{O}(0; \{18, 9^3, 6^2, 3^2, 2^{13}\})$	2592
18	$\mathcal{O}(0; \{18, 9^3, 6^2, 3^5, 2^9\})$	20736
18	$\mathcal{O}(0; \{18, 9^3, 6^2, 3^8, 2^5\})$	165888
18	$\mathcal{O}(0; \{18, 9^3, 6^2, 3^{11}, 2\})$	1327104
18	$\mathcal{O}(0; \{18, 9^3, 6^3, 2^{14}\})$	1296
18	$\mathcal{O}(0; \{18, 9^3, 6^3, 3^3, 2^{10}\})$	10368
18	$\mathcal{O}(0; \{18, 9^3, 6^3, 3^6, 2^6\})$	82944
18	$\mathcal{O}(0; \{18, 9^3, 6^3, 3^9, 2^2\})$	663552
18	$\mathcal{O}(0; \{18, 9^3, 6^4, 3, 2^{11}\})$	5184
18	$\mathcal{O}(0; \{18, 9^3, 6^4, 3^4, 2^7\})$	41472
18	$\mathcal{O}(0; \{18, 9^3, 6^4, 3^7, 2^3\})$	331776
18	$\mathcal{O}(0; \{18, 9^3, 6^5, 3^2, 2^8\})$	20736
18	$\mathcal{O}(0; \{18, 9^3, 6^5, 3^5, 2^4\})$	165888
18	$\mathcal{O}(0; \{18, 9^3, 6^5, 3^8\})$	1327104
18	$\mathcal{O}(0; \{18, 9^3, 6^6, 2^9\})$	10368
18	$\mathcal{O}(0; \{18, 9^3, 6^6, 3^3, 2^5\})$	82944
18	$\mathcal{O}(0; \{18, 9^3, 6^6, 3^6, 2\})$	663552
18	$\mathcal{O}(0; \{18, 9^3, 6^7, 3, 2^6\})$	41472
18	$\mathcal{O}(0; \{18, 9^3, 6^7, 3^4, 2^2\})$	331776
18	$\mathcal{O}(0; \{18, 9^3, 6^8, 3^2, 2^3\})$	165888
18	$\mathcal{O}(0; \{18, 9^3, 6^9, 2^4\})$	82944
18	$\mathcal{O}(0; \{18, 9^3, 6^9, 3^3\})$	663552
18	$\mathcal{O}(0; \{18, 9^3, 6^{10}, 3, 2\})$	331776
18	$\mathcal{O}(0; \{18, 9^6, 3^2, 2^{11}\})$	122472
18	$\mathcal{O}(0; \{18, 9^6, 3^5, 2^7\})$	979776
18	$\mathcal{O}(0; \{18, 9^6, 3^8, 2^3\})$	7838208

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18, 9^6, 6, 2^{12}\})$	61236
18	$\mathcal{O}(0; \{18, 9^6, 6, 3^3, 2^8\})$	489888
18	$\mathcal{O}(0; \{18, 9^6, 6, 3^6, 2^4\})$	3919104
18	$\mathcal{O}(0; \{18, 9^6, 6, 3^9\})$	31352832
18	$\mathcal{O}(0; \{18, 9^6, 6^2, 3, 2^9\})$	244944
18	$\mathcal{O}(0; \{18, 9^6, 6^2, 3^4, 2^5\})$	1959552
18	$\mathcal{O}(0; \{18, 9^6, 6^2, 3^7, 2\})$	15676416
18	$\mathcal{O}(0; \{18, 9^6, 6^3, 3^2, 2^6\})$	979776
18	$\mathcal{O}(0; \{18, 9^6, 6^3, 3^5, 2^2\})$	7838208
18	$\mathcal{O}(0; \{18, 9^6, 6^4, 2^7\})$	489888
18	$\mathcal{O}(0; \{18, 9^6, 6^4, 3^3, 2^3\})$	3919104
18	$\mathcal{O}(0; \{18, 9^6, 6^5, 3, 2^4\})$	1959552
18	$\mathcal{O}(0; \{18, 9^6, 6^5, 3^4\})$	15676416
18	$\mathcal{O}(0; \{18, 9^6, 6^6, 3^2, 2\})$	7838208
18	$\mathcal{O}(0; \{18, 9^6, 6^7, 2^2\})$	3919104
18	$\mathcal{O}(0; \{18, 9^9, 3, 2^7\})$	13463172
18	$\mathcal{O}(0; \{18, 9^9, 3^4, 2^3\})$	107705376
18	$\mathcal{O}(0; \{18, 9^9, 6, 3^2, 2^4\})$	53852688
18	$\mathcal{O}(0; \{18, 9^9, 6, 3^5\})$	430821504
18	$\mathcal{O}(0; \{18, 9^9, 6^2, 2^5\})$	26926344
18	$\mathcal{O}(0; \{18, 9^9, 6^2, 3^3, 2\})$	215410752
18	$\mathcal{O}(0; \{18, 9^9, 6^3, 3, 2^2\})$	107705376
18	$\mathcal{O}(0; \{18, 9^9, 6^5\})$	215410752
18	$\mathcal{O}(0; \{18, 9^{12}, 2^3\})$	1450833930
18	$\mathcal{O}(0; \{18, 9^{12}, 6, 3\})$	5803335720
18	$\mathcal{O}(0; \{18^2, 9, 3^2, 2^{18}\})$	72
18	$\mathcal{O}(0; \{18^2, 9, 3^5, 2^{14}\})$	576
18	$\mathcal{O}(0; \{18^2, 9, 3^8, 2^{10}\})$	4608
18	$\mathcal{O}(0; \{18^2, 9, 3^{11}, 2^6\})$	36864
18	$\mathcal{O}(0; \{18^2, 9, 3^{14}, 2^2\})$	294912
18	$\mathcal{O}(0; \{18^2, 9, 6, 2^{19}\})$	36
18	$\mathcal{O}(0; \{18^2, 9, 6, 3^3, 2^{15}\})$	288
18	$\mathcal{O}(0; \{18^2, 9, 6, 3^6, 2^{11}\})$	2304
18	$\mathcal{O}(0; \{18^2, 9, 6, 3^9, 2^7\})$	18432
18	$\mathcal{O}(0; \{18^2, 9, 6, 3^{12}, 2^3\})$	147456
18	$\mathcal{O}(0; \{18^2, 9, 6^2, 3, 2^{16}\})$	144
18	$\mathcal{O}(0; \{18^2, 9, 6^2, 3^4, 2^{12}\})$	1152
18	$\mathcal{O}(0; \{18^2, 9, 6^2, 3^7, 2^8\})$	9216
18	$\mathcal{O}(0; \{18^2, 9, 6^2, 3^{10}, 2^4\})$	73728
18	$\mathcal{O}(0; \{18^2, 9, 6^2, 3^{13}\})$	589824
18	$\mathcal{O}(0; \{18^2, 9, 6^3, 3^2, 2^{13}\})$	576
18	$\mathcal{O}(0; \{18^2, 9, 6^3, 3^5, 2^9\})$	4608
18	$\mathcal{O}(0; \{18^2, 9, 6^3, 3^8, 2^5\})$	36864

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^2, 9, 6^3, 3^{11}, 2\})$	294912
18	$\mathcal{O}(0; \{18^2, 9, 6^4, 2^{14}\})$	288
18	$\mathcal{O}(0; \{18^2, 9, 6^4, 3^3, 2^{10}\})$	2304
18	$\mathcal{O}(0; \{18^2, 9, 6^4, 3^6, 2^6\})$	18432
18	$\mathcal{O}(0; \{18^2, 9, 6^4, 3^9, 2^2\})$	147456
18	$\mathcal{O}(0; \{18^2, 9, 6^5, 3, 2^{11}\})$	1152
18	$\mathcal{O}(0; \{18^2, 9, 6^5, 3^4, 2^7\})$	9216
18	$\mathcal{O}(0; \{18^2, 9, 6^5, 3^7, 2^3\})$	73728
18	$\mathcal{O}(0; \{18^2, 9, 6^6, 3^2, 2^8\})$	4608
18	$\mathcal{O}(0; \{18^2, 9, 6^6, 3^5, 2^4\})$	36864
18	$\mathcal{O}(0; \{18^2, 9, 6^6, 3^8\})$	294912
18	$\mathcal{O}(0; \{18^2, 9, 6^7, 2^9\})$	2304
18	$\mathcal{O}(0; \{18^2, 9, 6^7, 3^3, 2^5\})$	18432
18	$\mathcal{O}(0; \{18^2, 9, 6^7, 3^6, 2\})$	147456
18	$\mathcal{O}(0; \{18^2, 9, 6^8, 3, 2^6\})$	9216
18	$\mathcal{O}(0; \{18^2, 9, 6^8, 3^4, 2^2\})$	73728
18	$\mathcal{O}(0; \{18^2, 9, 6^9, 3^2, 2^3\})$	36864
18	$\mathcal{O}(0; \{18^2, 9, 6^{10}, 2^4\})$	18432
18	$\mathcal{O}(0; \{18^2, 9, 6^{10}, 3^3\})$	147456
18	$\mathcal{O}(0; \{18^2, 9, 6^{11}, 3, 2\})$	73728
18	$\mathcal{O}(0; \{18^2, 9^4, 3, 2^{14}\})$	10692
18	$\mathcal{O}(0; \{18^2, 9^4, 3^4, 2^{10}\})$	85536
18	$\mathcal{O}(0; \{18^2, 9^4, 3^7, 2^6\})$	684288
18	$\mathcal{O}(0; \{18^2, 9^4, 3^{10}, 2^2\})$	5474304
18	$\mathcal{O}(0; \{18^2, 9^4, 6, 3^2, 2^{11}\})$	42768
18	$\mathcal{O}(0; \{18^2, 9^4, 6, 3^5, 2^7\})$	342144
18	$\mathcal{O}(0; \{18^2, 9^4, 6, 3^8, 2^3\})$	2737152
18	$\mathcal{O}(0; \{18^2, 9^4, 6^2, 2^{12}\})$	21384
18	$\mathcal{O}(0; \{18^2, 9^4, 6^2, 3^3, 2^8\})$	171072
18	$\mathcal{O}(0; \{18^2, 9^4, 6^2, 3^6, 2^4\})$	1368576
18	$\mathcal{O}(0; \{18^2, 9^4, 6^2, 3^9\})$	10948608
18	$\mathcal{O}(0; \{18^2, 9^4, 6^3, 3, 2^9\})$	85536
18	$\mathcal{O}(0; \{18^2, 9^4, 6^3, 3^4, 2^5\})$	684288
18	$\mathcal{O}(0; \{18^2, 9^4, 6^3, 3^7, 2\})$	5474304
18	$\mathcal{O}(0; \{18^2, 9^4, 6^4, 3^2, 2^6\})$	342144
18	$\mathcal{O}(0; \{18^2, 9^4, 6^4, 3^5, 2^2\})$	2737152
18	$\mathcal{O}(0; \{18^2, 9^4, 6^5, 2^7\})$	171072
18	$\mathcal{O}(0; \{18^2, 9^4, 6^5, 3^3, 2^3\})$	1368576
18	$\mathcal{O}(0; \{18^2, 9^4, 6^6, 3, 2^4\})$	684288
18	$\mathcal{O}(0; \{18^2, 9^4, 6^6, 3^4\})$	5474304
18	$\mathcal{O}(0; \{18^2, 9^4, 6^7, 3^2, 2\})$	2737152
18	$\mathcal{O}(0; \{18^2, 9^4, 6^8, 2^2\})$	1368576
18	$\mathcal{O}(0; \{18^2, 9^7, 2^{10}\})$	1115370

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^2, 9^7, 3^3, 2^6\})$	8922960
18	$\mathcal{O}(0; \{18^2, 9^7, 3^6, 2^2\})$	71383680
18	$\mathcal{O}(0; \{18^2, 9^7, 6, 3, 2^7\})$	4461480
18	$\mathcal{O}(0; \{18^2, 9^7, 6, 3^4, 2^3\})$	35691840
18	$\mathcal{O}(0; \{18^2, 9^7, 6^2, 3^2, 2^4\})$	17845920
18	$\mathcal{O}(0; \{18^2, 9^7, 6^2, 3^5\})$	142767360
18	$\mathcal{O}(0; \{18^2, 9^7, 6^3, 2^5\})$	8922960
18	$\mathcal{O}(0; \{18^2, 9^7, 6^3, 3^3, 2\})$	71383680
18	$\mathcal{O}(0; \{18^2, 9^7, 6^4, 3, 2^2\})$	35691840
18	$\mathcal{O}(0; \{18^2, 9^7, 6^6\})$	71383680
18	$\mathcal{O}(0; \{18^2, 9^{10}, 3^2, 2^2\})$	967931208
18	$\mathcal{O}(0; \{18^2, 9^{10}, 6, 2^3\})$	483965604
18	$\mathcal{O}(0; \{18^2, 9^{10}, 6^2, 3\})$	1935862416
18	$\mathcal{O}(0; \{18^3, 9^2, 2^{17}\})$	810
18	$\mathcal{O}(0; \{18^3, 9^2, 3^3, 2^{13}\})$	6480
18	$\mathcal{O}(0; \{18^3, 9^2, 3^6, 2^9\})$	51840
18	$\mathcal{O}(0; \{18^3, 9^2, 3^9, 2^5\})$	414720
18	$\mathcal{O}(0; \{18^3, 9^2, 3^{12}, 2\})$	3317760
18	$\mathcal{O}(0; \{18^3, 9^2, 6, 3, 2^{14}\})$	3240
18	$\mathcal{O}(0; \{18^3, 9^2, 6, 3^4, 2^{10}\})$	25920
18	$\mathcal{O}(0; \{18^3, 9^2, 6, 3^7, 2^6\})$	207360
18	$\mathcal{O}(0; \{18^3, 9^2, 6, 3^{10}, 2^2\})$	1658880
18	$\mathcal{O}(0; \{18^3, 9^2, 6^2, 3^2, 2^{11}\})$	12960
18	$\mathcal{O}(0; \{18^3, 9^2, 6^2, 3^5, 2^7\})$	103680
18	$\mathcal{O}(0; \{18^3, 9^2, 6^2, 3^8, 2^3\})$	829440
18	$\mathcal{O}(0; \{18^3, 9^2, 6^3, 2^{12}\})$	6480
18	$\mathcal{O}(0; \{18^3, 9^2, 6^3, 3^3, 2^8\})$	51840
18	$\mathcal{O}(0; \{18^3, 9^2, 6^3, 3^6, 2^4\})$	414720
18	$\mathcal{O}(0; \{18^3, 9^2, 6^3, 3^9\})$	3317760
18	$\mathcal{O}(0; \{18^3, 9^2, 6^4, 3, 2^9\})$	25920
18	$\mathcal{O}(0; \{18^3, 9^2, 6^4, 3^4, 2^5\})$	207360
18	$\mathcal{O}(0; \{18^3, 9^2, 6^4, 3^7, 2\})$	1658880
18	$\mathcal{O}(0; \{18^3, 9^2, 6^5, 3^2, 2^6\})$	103680
18	$\mathcal{O}(0; \{18^3, 9^2, 6^5, 3^5, 2^2\})$	829440
18	$\mathcal{O}(0; \{18^3, 9^2, 6^6, 2^7\})$	51840
18	$\mathcal{O}(0; \{18^3, 9^2, 6^6, 3^3, 2^3\})$	414720
18	$\mathcal{O}(0; \{18^3, 9^2, 6^7, 3, 2^4\})$	207360
18	$\mathcal{O}(0; \{18^3, 9^2, 6^7, 3^4\})$	1658880
18	$\mathcal{O}(0; \{18^3, 9^2, 6^8, 3^2, 2\})$	829440
18	$\mathcal{O}(0; \{18^3, 9^2, 6^9, 2^2\})$	414720
18	$\mathcal{O}(0; \{18^3, 9^5, 3^2, 2^9\})$	752328
18	$\mathcal{O}(0; \{18^3, 9^5, 3^5, 2^5\})$	6018624
18	$\mathcal{O}(0; \{18^3, 9^5, 3^8, 2\})$	48148992

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^3, 9^5, 6, 2^{10}\})$	376164
18	$\mathcal{O}(0; \{18^3, 9^5, 6, 3^3, 2^6\})$	3009312
18	$\mathcal{O}(0; \{18^3, 9^5, 6, 3^6, 2^2\})$	24074496
18	$\mathcal{O}(0; \{18^3, 9^5, 6^2, 3, 2^7\})$	1504656
18	$\mathcal{O}(0; \{18^3, 9^5, 6^2, 3^4, 2^3\})$	12037248
18	$\mathcal{O}(0; \{18^3, 9^5, 6^3, 3^2, 2^4\})$	6018624
18	$\mathcal{O}(0; \{18^3, 9^5, 6^3, 3^5\})$	48148992
18	$\mathcal{O}(0; \{18^3, 9^5, 6^4, 2^5\})$	3009312
18	$\mathcal{O}(0; \{18^3, 9^5, 6^4, 3^3, 2\})$	24074496
18	$\mathcal{O}(0; \{18^3, 9^5, 6^5, 3, 2^2\})$	12037248
18	$\mathcal{O}(0; \{18^3, 9^5, 6^7\})$	24074496
18	$\mathcal{O}(0; \{18^3, 9^8, 3, 2^5\})$	80542836
18	$\mathcal{O}(0; \{18^3, 9^8, 3^4, 2\})$	644342688
18	$\mathcal{O}(0; \{18^3, 9^8, 6, 3^2, 2^2\})$	322171344
18	$\mathcal{O}(0; \{18^3, 9^8, 6^2, 2^3\})$	161085672
18	$\mathcal{O}(0; \{18^3, 9^8, 6^3, 3\})$	644342688
18	$\mathcal{O}(0; \{18^3, 9^{11}, 2\})$	8708192226
18	$\mathcal{O}(0; \{18^4, 3^2, 2^{16}\})$	648
18	$\mathcal{O}(0; \{18^4, 3^5, 2^{12}\})$	5184
18	$\mathcal{O}(0; \{18^4, 3^8, 2^8\})$	41472
18	$\mathcal{O}(0; \{18^4, 3^{11}, 2^4\})$	331776
18	$\mathcal{O}(0; \{18^4, 3^{14}\})$	2654208
18	$\mathcal{O}(0; \{18^4, 6, 2^{17}\})$	324
18	$\mathcal{O}(0; \{18^4, 6, 3^3, 2^{13}\})$	2592
18	$\mathcal{O}(0; \{18^4, 6, 3^6, 2^9\})$	20736
18	$\mathcal{O}(0; \{18^4, 6, 3^9, 2^5\})$	165888
18	$\mathcal{O}(0; \{18^4, 6, 3^{12}, 2\})$	1327104
18	$\mathcal{O}(0; \{18^4, 6^2, 3, 2^{14}\})$	1296
18	$\mathcal{O}(0; \{18^4, 6^2, 3^4, 2^{10}\})$	10368
18	$\mathcal{O}(0; \{18^4, 6^2, 3^7, 2^6\})$	82944
18	$\mathcal{O}(0; \{18^4, 6^2, 3^{10}, 2^2\})$	663552
18	$\mathcal{O}(0; \{18^4, 6^3, 3^2, 2^{11}\})$	5184
18	$\mathcal{O}(0; \{18^4, 6^3, 3^5, 2^7\})$	41472
18	$\mathcal{O}(0; \{18^4, 6^3, 3^8, 2^3\})$	331776
18	$\mathcal{O}(0; \{18^4, 6^4, 2^{12}\})$	2592
18	$\mathcal{O}(0; \{18^4, 6^4, 3^3, 2^8\})$	20736
18	$\mathcal{O}(0; \{18^4, 6^4, 3^6, 2^4\})$	165888
18	$\mathcal{O}(0; \{18^4, 6^4, 3^9\})$	1327104
18	$\mathcal{O}(0; \{18^4, 6^5, 3, 2^9\})$	10368
18	$\mathcal{O}(0; \{18^4, 6^5, 3^4, 2^5\})$	82944
18	$\mathcal{O}(0; \{18^4, 6^5, 3^7, 2\})$	663552
18	$\mathcal{O}(0; \{18^4, 6^6, 3^2, 2^6\})$	41472
18	$\mathcal{O}(0; \{18^4, 6^6, 3^5, 2^2\})$	331776

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^4, 6^7, 2^7\})$	20736
18	$\mathcal{O}(0; \{18^4, 6^7, 3^3, 2^3\})$	165888
18	$\mathcal{O}(0; \{18^4, 6^8, 3, 2^4\})$	82944
18	$\mathcal{O}(0; \{18^4, 6^8, 3^4\})$	663552
18	$\mathcal{O}(0; \{18^4, 6^9, 3^2, 2\})$	331776
18	$\mathcal{O}(0; \{18^4, 6^{10}, 2^2\})$	165888
18	$\mathcal{O}(0; \{18^4, 9^3, 3, 2^{12}\})$	61236
18	$\mathcal{O}(0; \{18^4, 9^3, 3^4, 2^8\})$	489888
18	$\mathcal{O}(0; \{18^4, 9^3, 3^7, 2^4\})$	3919104
18	$\mathcal{O}(0; \{18^4, 9^3, 3^{10}\})$	31352832
18	$\mathcal{O}(0; \{18^4, 9^3, 6, 3^2, 2^9\})$	244944
18	$\mathcal{O}(0; \{18^4, 9^3, 6, 3^5, 2^5\})$	1959552
18	$\mathcal{O}(0; \{18^4, 9^3, 6, 3^8, 2\})$	15676416
18	$\mathcal{O}(0; \{18^4, 9^3, 6^2, 2^{10}\})$	122472
18	$\mathcal{O}(0; \{18^4, 9^3, 6^2, 3^3, 2^6\})$	979776
18	$\mathcal{O}(0; \{18^4, 9^3, 6^2, 3^6, 2^2\})$	7838208
18	$\mathcal{O}(0; \{18^4, 9^3, 6^3, 3, 2^7\})$	489888
18	$\mathcal{O}(0; \{18^4, 9^3, 6^3, 3^4, 2^3\})$	3919104
18	$\mathcal{O}(0; \{18^4, 9^3, 6^4, 3^2, 2^4\})$	1959552
18	$\mathcal{O}(0; \{18^4, 9^3, 6^4, 3^5\})$	15676416
18	$\mathcal{O}(0; \{18^4, 9^3, 6^5, 2^5\})$	979776
18	$\mathcal{O}(0; \{18^4, 9^3, 6^5, 3^3, 2\})$	7838208
18	$\mathcal{O}(0; \{18^4, 9^3, 6^6, 3, 2^2\})$	3919104
18	$\mathcal{O}(0; \{18^4, 9^3, 6^8\})$	7838208
18	$\mathcal{O}(0; \{18^4, 9^6, 2^8\})$	6731586
18	$\mathcal{O}(0; \{18^4, 9^6, 3^3, 2^4\})$	53852688
18	$\mathcal{O}(0; \{18^4, 9^6, 3^6\})$	430821504
18	$\mathcal{O}(0; \{18^4, 9^6, 6, 3, 2^5\})$	26926344
18	$\mathcal{O}(0; \{18^4, 9^6, 6, 3^4, 2\})$	215410752
18	$\mathcal{O}(0; \{18^4, 9^6, 6^2, 3^2, 2^2\})$	107705376
18	$\mathcal{O}(0; \{18^4, 9^6, 6^3, 2^3\})$	53852688
18	$\mathcal{O}(0; \{18^4, 9^6, 6^4, 3\})$	215410752
18	$\mathcal{O}(0; \{18^4, 9^9, 3^2\})$	5803335720
18	$\mathcal{O}(0; \{18^4, 9^9, 6, 2\})$	2901667860
18	$\mathcal{O}(0; \{18^5, 9, 2^{15}\})$	5346
18	$\mathcal{O}(0; \{18^5, 9, 3^3, 2^{11}\})$	42768
18	$\mathcal{O}(0; \{18^5, 9, 3^6, 2^7\})$	342144
18	$\mathcal{O}(0; \{18^5, 9, 3^9, 2^3\})$	2737152
18	$\mathcal{O}(0; \{18^5, 9, 6, 3, 2^{12}\})$	21384
18	$\mathcal{O}(0; \{18^5, 9, 6, 3^4, 2^8\})$	171072
18	$\mathcal{O}(0; \{18^5, 9, 6, 3^7, 2^4\})$	1368576
18	$\mathcal{O}(0; \{18^5, 9, 6, 3^{10}\})$	10948608
18	$\mathcal{O}(0; \{18^5, 9, 6^2, 3^2, 2^9\})$	85536

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^5, 9, 6^2, 3^5, 2^5\})$	684288
18	$\mathcal{O}(0; \{18^5, 9, 6^2, 3^8, 2\})$	5474304
18	$\mathcal{O}(0; \{18^5, 9, 6^3, 2^{10}\})$	42768
18	$\mathcal{O}(0; \{18^5, 9, 6^3, 3^3, 2^6\})$	342144
18	$\mathcal{O}(0; \{18^5, 9, 6^3, 3^6, 2^2\})$	2737152
18	$\mathcal{O}(0; \{18^5, 9, 6^4, 3, 2^7\})$	171072
18	$\mathcal{O}(0; \{18^5, 9, 6^4, 3^4, 2^3\})$	1368576
18	$\mathcal{O}(0; \{18^5, 9, 6^5, 3^2, 2^4\})$	684288
18	$\mathcal{O}(0; \{18^5, 9, 6^5, 3^5\})$	5474304
18	$\mathcal{O}(0; \{18^5, 9, 6^6, 2^5\})$	342144
18	$\mathcal{O}(0; \{18^5, 9, 6^6, 3^3, 2\})$	2737152
18	$\mathcal{O}(0; \{18^5, 9, 6^7, 3, 2^2\})$	1368576
18	$\mathcal{O}(0; \{18^5, 9, 6^9\})$	2737152
18	$\mathcal{O}(0; \{18^5, 9^4, 3^2, 2^7\})$	4461480
18	$\mathcal{O}(0; \{18^5, 9^4, 3^5, 2^3\})$	35691840
18	$\mathcal{O}(0; \{18^5, 9^4, 6, 2^8\})$	2230740
18	$\mathcal{O}(0; \{18^5, 9^4, 6, 3^3, 2^4\})$	17845920
18	$\mathcal{O}(0; \{18^5, 9^4, 6, 3^6\})$	142767360
18	$\mathcal{O}(0; \{18^5, 9^4, 6^2, 3, 2^5\})$	8922960
18	$\mathcal{O}(0; \{18^5, 9^4, 6^2, 3^4, 2\})$	71383680
18	$\mathcal{O}(0; \{18^5, 9^4, 6^3, 3^2, 2^2\})$	35691840
18	$\mathcal{O}(0; \{18^5, 9^4, 6^4, 2^3\})$	17845920
18	$\mathcal{O}(0; \{18^5, 9^4, 6^5, 3\})$	71383680
18	$\mathcal{O}(0; \{18^5, 9^7, 3, 2^3\})$	483965604
18	$\mathcal{O}(0; \{18^5, 9^7, 6, 3^2\})$	1935862416
18	$\mathcal{O}(0; \{18^5, 9^7, 6^2, 2\})$	967931208
18	$\mathcal{O}(0; \{18^6, 9^2, 3, 2^{10}\})$	376164
18	$\mathcal{O}(0; \{18^6, 9^2, 3^4, 2^6\})$	3009312
18	$\mathcal{O}(0; \{18^6, 9^2, 3^7, 2^2\})$	24074496
18	$\mathcal{O}(0; \{18^6, 9^2, 6, 3^2, 2^7\})$	1504656
18	$\mathcal{O}(0; \{18^6, 9^2, 6, 3^5, 2^3\})$	12037248
18	$\mathcal{O}(0; \{18^6, 9^2, 6^2, 2^8\})$	752328
18	$\mathcal{O}(0; \{18^6, 9^2, 6^2, 3^3, 2^4\})$	6018624
18	$\mathcal{O}(0; \{18^6, 9^2, 6^2, 3^6\})$	48148992
18	$\mathcal{O}(0; \{18^6, 9^2, 6^3, 3, 2^5\})$	3009312
18	$\mathcal{O}(0; \{18^6, 9^2, 6^3, 3^4, 2\})$	24074496
18	$\mathcal{O}(0; \{18^6, 9^2, 6^4, 3^2, 2^2\})$	12037248
18	$\mathcal{O}(0; \{18^6, 9^2, 6^5, 2^3\})$	6018624
18	$\mathcal{O}(0; \{18^6, 9^2, 6^6, 3\})$	24074496
18	$\mathcal{O}(0; \{18^6, 9^5, 2^6\})$	40271418
18	$\mathcal{O}(0; \{18^6, 9^5, 3^3, 2^2\})$	322171344
18	$\mathcal{O}(0; \{18^6, 9^5, 6, 3, 2^3\})$	161085672
18	$\mathcal{O}(0; \{18^6, 9^5, 6^2, 3^2\})$	644342688

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^6, 9^5, 6^3, 2\})$	322171344
18	$\mathcal{O}(0; \{18^7, 2^{13}\})$	30618
18	$\mathcal{O}(0; \{18^7, 3^3, 2^9\})$	244944
18	$\mathcal{O}(0; \{18^7, 3^6, 2^5\})$	1959552
18	$\mathcal{O}(0; \{18^7, 3^9, 2\})$	15676416
18	$\mathcal{O}(0; \{18^7, 6, 3, 2^{10}\})$	122472
18	$\mathcal{O}(0; \{18^7, 6, 3^4, 2^6\})$	979776
18	$\mathcal{O}(0; \{18^7, 6, 3^7, 2^2\})$	7838208
18	$\mathcal{O}(0; \{18^7, 6^2, 3^2, 2^7\})$	489888
18	$\mathcal{O}(0; \{18^7, 6^2, 3^5, 2^3\})$	3919104
18	$\mathcal{O}(0; \{18^7, 6^3, 2^8\})$	244944
18	$\mathcal{O}(0; \{18^7, 6^3, 3^3, 2^4\})$	1959552
18	$\mathcal{O}(0; \{18^7, 6^3, 3^6\})$	15676416
18	$\mathcal{O}(0; \{18^7, 6^4, 3, 2^5\})$	979776
18	$\mathcal{O}(0; \{18^7, 6^4, 3^4, 2\})$	7838208
18	$\mathcal{O}(0; \{18^7, 6^5, 3^2, 2^2\})$	3919104
18	$\mathcal{O}(0; \{18^7, 6^6, 2^3\})$	1959552
18	$\mathcal{O}(0; \{18^7, 6^7, 3\})$	7838208
18	$\mathcal{O}(0; \{18^7, 9^3, 3^2, 2^5\})$	26926344
18	$\mathcal{O}(0; \{18^7, 9^3, 3^5, 2\})$	215410752
18	$\mathcal{O}(0; \{18^7, 9^3, 6, 2^6\})$	13463172
18	$\mathcal{O}(0; \{18^7, 9^3, 6, 3^3, 2^2\})$	107705376
18	$\mathcal{O}(0; \{18^7, 9^3, 6^2, 3, 2^3\})$	53852688
18	$\mathcal{O}(0; \{18^7, 9^3, 6^3, 3^2\})$	215410752
18	$\mathcal{O}(0; \{18^7, 9^3, 6^4, 2\})$	107705376
18	$\mathcal{O}(0; \{18^7, 9^6, 3, 2\})$	2901667860
18	$\mathcal{O}(0; \{18^8, 9, 3, 2^8\})$	2230740
18	$\mathcal{O}(0; \{18^8, 9, 3^4, 2^4\})$	17845920
18	$\mathcal{O}(0; \{18^8, 9, 3^7\})$	142767360
18	$\mathcal{O}(0; \{18^8, 9, 6, 3^2, 2^5\})$	8922960
18	$\mathcal{O}(0; \{18^8, 9, 6, 3^5, 2\})$	71383680
18	$\mathcal{O}(0; \{18^8, 9, 6^2, 2^6\})$	4461480
18	$\mathcal{O}(0; \{18^8, 9, 6^2, 3^3, 2^2\})$	35691840
18	$\mathcal{O}(0; \{18^8, 9, 6^3, 3, 2^3\})$	17845920
18	$\mathcal{O}(0; \{18^8, 9, 6^4, 3^2\})$	71383680
18	$\mathcal{O}(0; \{18^8, 9, 6^5, 2\})$	35691840
18	$\mathcal{O}(0; \{18^8, 9^4, 2^4\})$	241982802
18	$\mathcal{O}(0; \{18^8, 9^4, 3^3\})$	1935862416
18	$\mathcal{O}(0; \{18^8, 9^4, 6, 3, 2\})$	967931208
18	$\mathcal{O}(0; \{18^9, 9^2, 3^2, 2^3\})$	161085672
18	$\mathcal{O}(0; \{18^9, 9^2, 6, 2^4\})$	80542836
18	$\mathcal{O}(0; \{18^9, 9^2, 6, 3^3\})$	644342688
18	$\mathcal{O}(0; \{18^9, 9^2, 6^2, 3, 2\})$	322171344

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
18	$\mathcal{O}(0; \{18^{10}, 3, 2^6\})$	13463172
18	$\mathcal{O}(0; \{18^{10}, 3^4, 2^2\})$	107705376
18	$\mathcal{O}(0; \{18^{10}, 6, 3^2, 2^3\})$	53852688
18	$\mathcal{O}(0; \{18^{10}, 6^2, 2^4\})$	26926344
18	$\mathcal{O}(0; \{18^{10}, 6^2, 3^3\})$	215410752
18	$\mathcal{O}(0; \{18^{10}, 6^3, 3, 2\})$	107705376
18	$\mathcal{O}(0; \{18^{10}, 9^3, 2^2\})$	1450833930
18	$\mathcal{O}(0; \{18^{11}, 9, 3^2, 2\})$	967931208
18	$\mathcal{O}(0; \{18^{11}, 9, 6, 2^2\})$	483965604
18	$\mathcal{O}(0; \{18^{12}, 9^2\})$	8708192226
18	$\mathcal{O}(0; \{18^{13}, 6\})$	2901667860
19	$\mathcal{O}(2; \{19^9\})$	1360546372510650
20	$\mathcal{O}(6; \emptyset)$	4094999983226880
20	$\mathcal{O}(5; \{2^4\})$	10229998952448
20	$\mathcal{O}(5; \{4^2, 2\})$	20479997902848
20	$\mathcal{O}(4; \{2^8\})$	25499934720
20	$\mathcal{O}(4; \{4^2, 2^5\})$	51199868928
20	$\mathcal{O}(4; \{4^4, 2^2\})$	204799475712
20	$\mathcal{O}(4; \{5^5\})$	5202000000000
20	$\mathcal{O}(4; \{10, 5^2, 2^3\})$	3060000000000
20	$\mathcal{O}(4; \{10, 5^2, 4^2\})$	6144000000000
20	$\mathcal{O}(4; \{10^3, 5, 2\})$	13260000000000
20	$\mathcal{O}(4; \{20, 5, 4, 2^3\})$	2048000000000
20	$\mathcal{O}(4; \{20, 5, 4^3\})$	8192000000000
20	$\mathcal{O}(4; \{20, 10^2, 4, 2\})$	6144000000000
20	$\mathcal{O}(4; \{20^2, 5^2, 2\})$	26624000000000
20	$\mathcal{O}(3; \{2^{12}\})$	62995968
20	$\mathcal{O}(3; \{4^2, 2^9\})$	127991808
20	$\mathcal{O}(3; \{4^4, 2^6\})$	511967232
20	$\mathcal{O}(3; \{4^6, 2^3\})$	2047868928
20	$\mathcal{O}(3; \{4^8\})$	8191475712
20	$\mathcal{O}(3; \{5^5, 2^4\})$	12852000000
20	$\mathcal{O}(3; \{5^5, 4^2, 2\})$	26112000000
20	$\mathcal{O}(3; \{10, 5^2, 2^7\})$	756000000
20	$\mathcal{O}(3; \{10, 5^2, 4^2, 2^4\})$	1536000000
20	$\mathcal{O}(3; \{10, 5^2, 4^4, 2\})$	6144000000
20	$\mathcal{O}(3; \{10^2, 5^4, 2^2\})$	51660000000
20	$\mathcal{O}(3; \{10^3, 5, 2^5\})$	3276000000
20	$\mathcal{O}(3; \{10^3, 5, 4^2, 2^2\})$	6656000000
20	$\mathcal{O}(3; \{10^4, 5^3\})$	206388000000
20	$\mathcal{O}(3; \{10^5, 2^3\})$	12852000000
20	$\mathcal{O}(3; \{10^5, 4^2\})$	26112000000
20	$\mathcal{O}(3; \{20, 5, 4, 2^7\})$	512000000

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_{\mathcal{O}}(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(3; \{20, 5, 4^3, 2^4\})$	2048000000
20	$\mathcal{O}(3; \{20, 5, 4^5, 2\})$	8192000000
20	$\mathcal{O}(3; \{20, 10, 5^3, 4, 2^2\})$	26112000000
20	$\mathcal{O}(3; \{20, 10^2, 4, 2^5\})$	1536000000
20	$\mathcal{O}(3; \{20, 10^2, 4^3, 2^2\})$	6144000000
20	$\mathcal{O}(3; \{20, 10^3, 5^2, 4\})$	104960000000
20	$\mathcal{O}(3; \{20^2, 5^2, 2^5\})$	6656000000
20	$\mathcal{O}(3; \{20^2, 5^2, 4^2, 2^2\})$	26624000000
20	$\mathcal{O}(3; \{20^2, 10, 5^4\})$	419328000000
20	$\mathcal{O}(3; \{20^2, 10^2, 5, 2^3\})$	26112000000
20	$\mathcal{O}(3; \{20^2, 10^2, 5, 4^2\})$	104448000000
20	$\mathcal{O}(3; \{20^2, 10^4, 2\})$	104960000000
20	$\mathcal{O}(3; \{20^3, 5^3, 4\})$	419840000000
20	$\mathcal{O}(3; \{20^3, 10, 4, 2^3\})$	26624000000
20	$\mathcal{O}(3; \{20^3, 10, 4^3\})$	106496000000
20	$\mathcal{O}(3; \{20^4, 10, 5, 2\})$	419840000000
20	$\mathcal{O}(3; \{20^5, 4, 2\})$	417792000000
20	$\mathcal{O}(2; \{2^{16}\})$	149760
20	$\mathcal{O}(2; \{4^2, 2^{13}\})$	319488
20	$\mathcal{O}(2; \{4^4, 2^{10}\})$	1277952
20	$\mathcal{O}(2; \{4^6, 2^7\})$	5111808
20	$\mathcal{O}(2; \{4^8, 2^4\})$	20447232
20	$\mathcal{O}(2; \{4^{10}, 2\})$	81788928
20	$\mathcal{O}(2; \{5^5, 2^8\})$	30600000
20	$\mathcal{O}(2; \{5^5, 4^2, 2^5\})$	65280000
20	$\mathcal{O}(2; \{5^5, 4^4, 2^2\})$	261120000
20	$\mathcal{O}(2; \{5^{10}\})$	31457400000
20	$\mathcal{O}(2; \{10, 5^2, 2^{11}\})$	1800000
20	$\mathcal{O}(2; \{10, 5^2, 4^2, 2^8\})$	3840000
20	$\mathcal{O}(2; \{10, 5^2, 4^4, 2^5\})$	15360000
20	$\mathcal{O}(2; \{10, 5^2, 4^6, 2^2\})$	61440000
20	$\mathcal{O}(2; \{10, 5^7, 2^3\})$	1966200000
20	$\mathcal{O}(2; \{10, 5^7, 4^2\})$	4194560000
20	$\mathcal{O}(2; \{10^2, 5^4, 2^6\})$	123000000
20	$\mathcal{O}(2; \{10^2, 5^4, 4^2, 2^3\})$	262400000
20	$\mathcal{O}(2; \{10^2, 5^4, 4^4\})$	1049600000
20	$\mathcal{O}(2; \{10^3, 5, 2^9\})$	7800000
20	$\mathcal{O}(2; \{10^3, 5, 4^2, 2^6\})$	16640000
20	$\mathcal{O}(2; \{10^3, 5, 4^4, 2^3\})$	66560000
20	$\mathcal{O}(2; \{10^3, 5, 4^6\})$	266240000
20	$\mathcal{O}(2; \{10^3, 5^6, 2\})$	7864200000
20	$\mathcal{O}(2; \{10^4, 5^3, 2^4\})$	491400000
20	$\mathcal{O}(2; \{10^4, 5^3, 4^2, 2\})$	1048320000

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(2; \{10^5, 2^7\})$	30600000
20	$\mathcal{O}(2; \{10^5, 4^2, 2^4\})$	65280000
20	$\mathcal{O}(2; \{10^5, 4^4, 2\})$	261120000
20	$\mathcal{O}(2; \{10^6, 5^2, 2^2\})$	1966200000
20	$\mathcal{O}(2; \{10^8, 5\})$	7864200000
20	$\mathcal{O}(2; \{20, 5, 4, 2^{11}\})$	1280000
20	$\mathcal{O}(2; \{20, 5, 4^3, 2^8\})$	5120000
20	$\mathcal{O}(2; \{20, 5, 4^5, 2^5\})$	20480000
20	$\mathcal{O}(2; \{20, 5, 4^7, 2^2\})$	81920000
20	$\mathcal{O}(2; \{20, 5^6, 4, 2^3\})$	1048320000
20	$\mathcal{O}(2; \{20, 5^6, 4^3\})$	4193280000
20	$\mathcal{O}(2; \{20, 10, 5^3, 4, 2^6\})$	65280000
20	$\mathcal{O}(2; \{20, 10, 5^3, 4^3, 2^3\})$	261120000
20	$\mathcal{O}(2; \{20, 10, 5^3, 4^5\})$	1044480000
20	$\mathcal{O}(2; \{20, 10^2, 4, 2^9\})$	3840000
20	$\mathcal{O}(2; \{20, 10^2, 4^3, 2^6\})$	15360000
20	$\mathcal{O}(2; \{20, 10^2, 4^5, 2^3\})$	61440000
20	$\mathcal{O}(2; \{20, 10^2, 4^7\})$	245760000
20	$\mathcal{O}(2; \{20, 10^2, 5^5, 4, 2\})$	4194560000
20	$\mathcal{O}(2; \{20, 10^3, 5^2, 4, 2^4\})$	262400000
20	$\mathcal{O}(2; \{20, 10^3, 5^2, 4^3, 2\})$	1049600000
20	$\mathcal{O}(2; \{20, 10^5, 5, 4, 2^2\})$	1048320000
20	$\mathcal{O}(2; \{20, 10^7, 4\})$	4194560000
20	$\mathcal{O}(2; \{20^2, 5^2, 2^9\})$	16640000
20	$\mathcal{O}(2; \{20^2, 5^2, 4^2, 2^6\})$	66560000
20	$\mathcal{O}(2; \{20^2, 5^2, 4^4, 2^3\})$	266240000
20	$\mathcal{O}(2; \{20^2, 5^2, 4^6\})$	1064960000
20	$\mathcal{O}(2; \{20^2, 5^7, 2\})$	16776960000
20	$\mathcal{O}(2; \{20^2, 10, 5^4, 2^4\})$	1048320000
20	$\mathcal{O}(2; \{20^2, 10, 5^4, 4^2, 2\})$	4193280000
20	$\mathcal{O}(2; \{20^2, 10^2, 5, 2^7\})$	65280000
20	$\mathcal{O}(2; \{20^2, 10^2, 5, 4^2, 2^4\})$	261120000
20	$\mathcal{O}(2; \{20^2, 10^2, 5, 4^4, 2\})$	1044480000
20	$\mathcal{O}(2; \{20^2, 10^3, 5^3, 2^2\})$	4194560000
20	$\mathcal{O}(2; \{20^2, 10^4, 2^5\})$	262400000
20	$\mathcal{O}(2; \{20^2, 10^4, 4^2, 2^2\})$	1049600000
20	$\mathcal{O}(2; \{20^2, 10^5, 5^2\})$	16776960000
20	$\mathcal{O}(2; \{20^3, 5^3, 4, 2^4\})$	1049600000
20	$\mathcal{O}(2; \{20^3, 5^3, 4^3, 2\})$	4198400000
20	$\mathcal{O}(2; \{20^3, 10, 4, 2^7\})$	66560000
20	$\mathcal{O}(2; \{20^3, 10, 4^3, 2^4\})$	266240000
20	$\mathcal{O}(2; \{20^3, 10, 4^5, 2\})$	1064960000
20	$\mathcal{O}(2; \{20^3, 10^2, 5^2, 4, 2^2\})$	4193280000

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(2; \{20^3, 10^4, 5, 4\})$	16778240000
20	$\mathcal{O}(2; \{20^4, 5^4, 2^2\})$	16778240000
20	$\mathcal{O}(2; \{20^4, 10, 5, 2^5\})$	1049600000
20	$\mathcal{O}(2; \{20^4, 10, 5, 4^2, 2^2\})$	4198400000
20	$\mathcal{O}(2; \{20^4, 10^2, 5^3\})$	67107840000
20	$\mathcal{O}(2; \{20^4, 10^3, 2^3\})$	4193280000
20	$\mathcal{O}(2; \{20^4, 10^3, 4^2\})$	16773120000
20	$\mathcal{O}(2; \{20^5, 4, 2^5\})$	1044480000
20	$\mathcal{O}(2; \{20^5, 4^3, 2^2\})$	4177920000
20	$\mathcal{O}(2; \{20^5, 10, 5^2, 4\})$	67112960000
20	$\mathcal{O}(2; \{20^6, 5, 2^3\})$	16773120000
20	$\mathcal{O}(2; \{20^6, 5, 4^2\})$	67092480000
20	$\mathcal{O}(2; \{20^6, 10^2, 2\})$	67112960000
20	$\mathcal{O}(1; \{2^{20}\})$	288
20	$\mathcal{O}(1; \{4^2, 2^{17}\})$	768
20	$\mathcal{O}(1; \{4^4, 2^{14}\})$	3072
20	$\mathcal{O}(1; \{4^6, 2^{11}\})$	12288
20	$\mathcal{O}(1; \{4^8, 2^8\})$	49152
20	$\mathcal{O}(1; \{4^{10}, 2^5\})$	196608
20	$\mathcal{O}(1; \{4^{12}, 2^2\})$	786432
20	$\mathcal{O}(1; \{5^5, 2^{12}\})$	61200
20	$\mathcal{O}(1; \{5^5, 4^2, 2^9\})$	163200
20	$\mathcal{O}(1; \{5^5, 4^4, 2^6\})$	652800
20	$\mathcal{O}(1; \{5^5, 4^6, 2^3\})$	2611200
20	$\mathcal{O}(1; \{5^5, 4^8\})$	10444800
20	$\mathcal{O}(1; \{5^{10}, 2^4\})$	62914800
20	$\mathcal{O}(1; \{5^{10}, 4^2, 2\})$	167772800
20	$\mathcal{O}(1; \{10, 5^2, 2^{15}\})$	3600
20	$\mathcal{O}(1; \{10, 5^2, 4^2, 2^{12}\})$	9600
20	$\mathcal{O}(1; \{10, 5^2, 4^4, 2^9\})$	38400
20	$\mathcal{O}(1; \{10, 5^2, 4^6, 2^6\})$	153600
20	$\mathcal{O}(1; \{10, 5^2, 4^8, 2^3\})$	614400
20	$\mathcal{O}(1; \{10, 5^2, 4^{10}\})$	2457600
20	$\mathcal{O}(1; \{10, 5^7, 2^7\})$	3932400
20	$\mathcal{O}(1; \{10, 5^7, 4^2, 2^4\})$	10486400
20	$\mathcal{O}(1; \{10, 5^7, 4^4, 2\})$	41945600
20	$\mathcal{O}(1; \{10^2, 5^4, 2^{10}\})$	246000
20	$\mathcal{O}(1; \{10^2, 5^4, 4^2, 2^7\})$	656000
20	$\mathcal{O}(1; \{10^2, 5^4, 4^4, 2^4\})$	2624000
20	$\mathcal{O}(1; \{10^2, 5^4, 4^6, 2\})$	10496000
20	$\mathcal{O}(1; \{10^2, 5^9, 2^2\})$	251658000
20	$\mathcal{O}(1; \{10^3, 5, 2^{13}\})$	15600
20	$\mathcal{O}(1; \{10^3, 5, 4^2, 2^{10}\})$	41600

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{10^3, 5, 4^4, 2^7\})$	166400
20	$\mathcal{O}(1; \{10^3, 5, 4^6, 2^4\})$	665600
20	$\mathcal{O}(1; \{10^3, 5, 4^8, 2\})$	2662400
20	$\mathcal{O}(1; \{10^3, 5^6, 2^5\})$	15728400
20	$\mathcal{O}(1; \{10^3, 5^6, 4^2, 2^2\})$	41942400
20	$\mathcal{O}(1; \{10^4, 5^3, 2^8\})$	982800
20	$\mathcal{O}(1; \{10^4, 5^3, 4^2, 2^5\})$	2620800
20	$\mathcal{O}(1; \{10^4, 5^3, 4^4, 2^2\})$	10483200
20	$\mathcal{O}(1; \{10^4, 5^8\})$	1006633200
20	$\mathcal{O}(1; \{10^5, 2^{11}\})$	61200
20	$\mathcal{O}(1; \{10^5, 4^2, 2^8\})$	163200
20	$\mathcal{O}(1; \{10^5, 4^4, 2^5\})$	652800
20	$\mathcal{O}(1; \{10^5, 4^6, 2^2\})$	2611200
20	$\mathcal{O}(1; \{10^5, 5^5, 2^3\})$	62914800
20	$\mathcal{O}(1; \{10^5, 5^5, 4^2\})$	167772800
20	$\mathcal{O}(1; \{10^6, 5^2, 2^6\})$	3932400
20	$\mathcal{O}(1; \{10^6, 5^2, 4^2, 2^3\})$	10486400
20	$\mathcal{O}(1; \{10^6, 5^2, 4^4\})$	41945600
20	$\mathcal{O}(1; \{10^7, 5^4, 2\})$	251658000
20	$\mathcal{O}(1; \{10^8, 5, 2^4\})$	15728400
20	$\mathcal{O}(1; \{10^8, 5, 4^2, 2\})$	41942400
20	$\mathcal{O}(1; \{10^{10}, 2^2\})$	62914800
20	$\mathcal{O}(1; \{20, 5, 4, 2^{15}\})$	3200
20	$\mathcal{O}(1; \{20, 5, 4^3, 2^{12}\})$	12800
20	$\mathcal{O}(1; \{20, 5, 4^5, 2^9\})$	51200
20	$\mathcal{O}(1; \{20, 5, 4^7, 2^6\})$	204800
20	$\mathcal{O}(1; \{20, 5, 4^9, 2^3\})$	819200
20	$\mathcal{O}(1; \{20, 5, 4^{11}\})$	3276800
20	$\mathcal{O}(1; \{20, 5^6, 4, 2^7\})$	2620800
20	$\mathcal{O}(1; \{20, 5^6, 4^3, 2^4\})$	10483200
20	$\mathcal{O}(1; \{20, 5^6, 4^5, 2\})$	41932800
20	$\mathcal{O}(1; \{20, 10, 5^3, 4, 2^{10}\})$	163200
20	$\mathcal{O}(1; \{20, 10, 5^3, 4^3, 2^7\})$	652800
20	$\mathcal{O}(1; \{20, 10, 5^3, 4^5, 2^4\})$	2611200
20	$\mathcal{O}(1; \{20, 10, 5^3, 4^7, 2\})$	10444800
20	$\mathcal{O}(1; \{20, 10, 5^8, 4, 2^2\})$	167772800
20	$\mathcal{O}(1; \{20, 10^2, 4, 2^{13}\})$	9600
20	$\mathcal{O}(1; \{20, 10^2, 4^3, 2^{10}\})$	38400
20	$\mathcal{O}(1; \{20, 10^2, 4^5, 2^7\})$	153600
20	$\mathcal{O}(1; \{20, 10^2, 4^7, 2^4\})$	614400
20	$\mathcal{O}(1; \{20, 10^2, 4^9, 2\})$	2457600
20	$\mathcal{O}(1; \{20, 10^2, 5^5, 4, 2^5\})$	10486400
20	$\mathcal{O}(1; \{20, 10^2, 5^5, 4^3, 2^2\})$	41945600

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{20, 10^3, 5^2, 4, 2^8\})$	656000
20	$\mathcal{O}(1; \{20, 10^3, 5^2, 4^3, 2^5\})$	2624000
20	$\mathcal{O}(1; \{20, 10^3, 5^2, 4^5, 2^2\})$	10496000
20	$\mathcal{O}(1; \{20, 10^3, 5^7, 4\})$	671088000
20	$\mathcal{O}(1; \{20, 10^4, 5^4, 4, 2^3\})$	41942400
20	$\mathcal{O}(1; \{20, 10^4, 5^4, 4^3\})$	167769600
20	$\mathcal{O}(1; \{20, 10^5, 5, 4, 2^6\})$	2620800
20	$\mathcal{O}(1; \{20, 10^5, 5, 4^3, 2^3\})$	10483200
20	$\mathcal{O}(1; \{20, 10^5, 5, 4^5\})$	41932800
20	$\mathcal{O}(1; \{20, 10^6, 5^3, 4, 2\})$	167772800
20	$\mathcal{O}(1; \{20, 10^7, 4, 2^4\})$	10486400
20	$\mathcal{O}(1; \{20, 10^7, 4^3, 2\})$	41945600
20	$\mathcal{O}(1; \{20^2, 5^2, 2^{13}\})$	41600
20	$\mathcal{O}(1; \{20^2, 5^2, 4^2, 2^{10}\})$	166400
20	$\mathcal{O}(1; \{20^2, 5^2, 4^4, 2^7\})$	665600
20	$\mathcal{O}(1; \{20^2, 5^2, 4^6, 2^4\})$	2662400
20	$\mathcal{O}(1; \{20^2, 5^2, 4^8, 2\})$	10649600
20	$\mathcal{O}(1; \{20^2, 5^7, 2^5\})$	41942400
20	$\mathcal{O}(1; \{20^2, 5^7, 4^2, 2^2\})$	167769600
20	$\mathcal{O}(1; \{20^2, 10, 5^4, 2^8\})$	2620800
20	$\mathcal{O}(1; \{20^2, 10, 5^4, 4^2, 2^5\})$	10483200
20	$\mathcal{O}(1; \{20^2, 10, 5^4, 4^4, 2^2\})$	41932800
20	$\mathcal{O}(1; \{20^2, 10, 5^9\})$	268435200
20	$\mathcal{O}(1; \{20^2, 10^2, 5, 2^{11}\})$	163200
20	$\mathcal{O}(1; \{20^2, 10^2, 5, 4^2, 2^8\})$	652800
20	$\mathcal{O}(1; \{20^2, 10^2, 5, 4^4, 2^5\})$	2611200
20	$\mathcal{O}(1; \{20^2, 10^2, 5, 4^6, 2^2\})$	10444800
20	$\mathcal{O}(1; \{20^2, 10^2, 5^6, 2^3\})$	167772800
20	$\mathcal{O}(1; \{20^2, 10^2, 5^6, 4^2\})$	671091200
20	$\mathcal{O}(1; \{20^2, 10^3, 5^3, 2^6\})$	10486400
20	$\mathcal{O}(1; \{20^2, 10^3, 5^3, 4^2, 2^3\})$	41945600
20	$\mathcal{O}(1; \{20^2, 10^3, 5^3, 4^4\})$	167782400
20	$\mathcal{O}(1; \{20^2, 10^4, 2^9\})$	656000
20	$\mathcal{O}(1; \{20^2, 10^4, 4^2, 2^6\})$	2624000
20	$\mathcal{O}(1; \{20^2, 10^4, 4^4, 2^3\})$	10496000
20	$\mathcal{O}(1; \{20^2, 10^4, 4^6\})$	41984000
20	$\mathcal{O}(1; \{20^2, 10^4, 5^5, 2\})$	671088000
20	$\mathcal{O}(1; \{20^2, 10^5, 5^2, 2^4\})$	41942400
20	$\mathcal{O}(1; \{20^2, 10^5, 5^2, 4^2, 2\})$	167769600
20	$\mathcal{O}(1; \{20^2, 10^7, 5, 2^2\})$	167772800
20	$\mathcal{O}(1; \{20^2, 10^9\})$	671088000
20	$\mathcal{O}(1; \{20^3, 5^3, 4, 2^8\})$	2624000
20	$\mathcal{O}(1; \{20^3, 5^3, 4^3, 2^5\})$	10496000

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{20^3, 5^3, 4^5, 2^2\})$	41984000
20	$\mathcal{O}(1; \{20^3, 5^8, 4\})$	2684352000
20	$\mathcal{O}(1; \{20^3, 10, 4, 2^{11}\})$	166400
20	$\mathcal{O}(1; \{20^3, 10, 4^3, 2^8\})$	665600
20	$\mathcal{O}(1; \{20^3, 10, 4^5, 2^5\})$	2662400
20	$\mathcal{O}(1; \{20^3, 10, 4^7, 2^2\})$	10649600
20	$\mathcal{O}(1; \{20^3, 10, 5^5, 4, 2^3\})$	167769600
20	$\mathcal{O}(1; \{20^3, 10, 5^5, 4^3\})$	671078400
20	$\mathcal{O}(1; \{20^3, 10^2, 5^2, 4, 2^6\})$	10483200
20	$\mathcal{O}(1; \{20^3, 10^2, 5^2, 4^3, 2^3\})$	41932800
20	$\mathcal{O}(1; \{20^3, 10^2, 5^2, 4^5\})$	167731200
20	$\mathcal{O}(1; \{20^3, 10^3, 5^4, 4, 2\})$	671091200
20	$\mathcal{O}(1; \{20^3, 10^4, 5, 4, 2^4\})$	41945600
20	$\mathcal{O}(1; \{20^3, 10^4, 5, 4^3, 2\})$	167782400
20	$\mathcal{O}(1; \{20^3, 10^6, 4, 2^2\})$	167769600
20	$\mathcal{O}(1; \{20^4, 5^4, 2^6\})$	41945600
20	$\mathcal{O}(1; \{20^4, 5^4, 4^2, 2^3\})$	167782400
20	$\mathcal{O}(1; \{20^4, 5^4, 4^4\})$	671129600
20	$\mathcal{O}(1; \{20^4, 10, 5, 2^9\})$	2624000
20	$\mathcal{O}(1; \{20^4, 10, 5, 4^2, 2^6\})$	10496000
20	$\mathcal{O}(1; \{20^4, 10, 5, 4^4, 2^3\})$	41984000
20	$\mathcal{O}(1; \{20^4, 10, 5, 4^6\})$	167936000
20	$\mathcal{O}(1; \{20^4, 10, 5^6, 2\})$	2684352000
20	$\mathcal{O}(1; \{20^4, 10^2, 5^3, 2^4\})$	167769600
20	$\mathcal{O}(1; \{20^4, 10^2, 5^3, 4^2, 2\})$	671078400
20	$\mathcal{O}(1; \{20^4, 10^3, 2^7\})$	10483200
20	$\mathcal{O}(1; \{20^4, 10^3, 4^2, 2^4\})$	41932800
20	$\mathcal{O}(1; \{20^4, 10^3, 4^4, 2\})$	167731200
20	$\mathcal{O}(1; \{20^4, 10^4, 5^2, 2^2\})$	671091200
20	$\mathcal{O}(1; \{20^4, 10^6, 5\})$	2684352000
20	$\mathcal{O}(1; \{20^5, 4, 2^9\})$	2611200
20	$\mathcal{O}(1; \{20^5, 4^3, 2^6\})$	10444800
20	$\mathcal{O}(1; \{20^5, 4^5, 2^3\})$	41779200
20	$\mathcal{O}(1; \{20^5, 4^7\})$	167116800
20	$\mathcal{O}(1; \{20^5, 5^5, 4, 2\})$	2684364800
20	$\mathcal{O}(1; \{20^5, 10, 5^2, 4, 2^4\})$	167782400
20	$\mathcal{O}(1; \{20^5, 10, 5^2, 4^3, 2\})$	671129600
20	$\mathcal{O}(1; \{20^5, 10^3, 5, 4, 2^2\})$	671078400
20	$\mathcal{O}(1; \{20^5, 10^5, 4\})$	2684364800
20	$\mathcal{O}(1; \{20^6, 5, 2^7\})$	41932800
20	$\mathcal{O}(1; \{20^6, 5, 4^2, 2^4\})$	167731200
20	$\mathcal{O}(1; \{20^6, 5, 4^4, 2\})$	670924800
20	$\mathcal{O}(1; \{20^6, 10, 5^3, 2^2\})$	2684364800

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(1; \{20^6, 10^2, 2^5\})$	167782400
20	$\mathcal{O}(1; \{20^6, 10^2, 4^2, 2^2\})$	671129600
20	$\mathcal{O}(1; \{20^6, 10^3, 5^2\})$	10737408000
20	$\mathcal{O}(1; \{20^7, 5^2, 4, 2^2\})$	2684313600
20	$\mathcal{O}(1; \{20^7, 10^2, 5, 4\})$	10737459200
20	$\mathcal{O}(1; \{20^8, 5^3\})$	42949632000
20	$\mathcal{O}(1; \{20^8, 10, 2^3\})$	2684313600
20	$\mathcal{O}(1; \{20^8, 10, 4^2\})$	10737254400
20	$\mathcal{O}(1; \{20^{10}, 2\})$	42949836800
20	$\mathcal{O}(0; \{5^5, 4^2, 2^{13}\})$	408
20	$\mathcal{O}(0; \{5^5, 4^4, 2^{10}\})$	1632
20	$\mathcal{O}(0; \{5^5, 4^6, 2^7\})$	6528
20	$\mathcal{O}(0; \{5^5, 4^8, 2^4\})$	26112
20	$\mathcal{O}(0; \{5^5, 4^{10}, 2\})$	104448
20	$\mathcal{O}(0; \{5^{10}, 4^2, 2^5\})$	419432
20	$\mathcal{O}(0; \{5^{10}, 4^4, 2^2\})$	1677728
20	$\mathcal{O}(0; \{10, 5^2, 4^2, 2^{16}\})$	24
20	$\mathcal{O}(0; \{10, 5^2, 4^4, 2^{13}\})$	96
20	$\mathcal{O}(0; \{10, 5^2, 4^6, 2^{10}\})$	384
20	$\mathcal{O}(0; \{10, 5^2, 4^8, 2^7\})$	1536
20	$\mathcal{O}(0; \{10, 5^2, 4^{10}, 2^4\})$	6144
20	$\mathcal{O}(0; \{10, 5^2, 4^{12}, 2\})$	24576
20	$\mathcal{O}(0; \{10, 5^7, 4^2, 2^8\})$	26216
20	$\mathcal{O}(0; \{10, 5^7, 4^4, 2^5\})$	104864
20	$\mathcal{O}(0; \{10, 5^7, 4^6, 2^2\})$	419456
20	$\mathcal{O}(0; \{10, 5^{12}, 4^2\})$	26843544
20	$\mathcal{O}(0; \{10^2, 5^4, 4^2, 2^{11}\})$	1640
20	$\mathcal{O}(0; \{10^2, 5^4, 4^4, 2^8\})$	6560
20	$\mathcal{O}(0; \{10^2, 5^4, 4^6, 2^5\})$	26240
20	$\mathcal{O}(0; \{10^2, 5^4, 4^8, 2^2\})$	104960
20	$\mathcal{O}(0; \{10^2, 5^9, 4^2, 2^3\})$	1677720
20	$\mathcal{O}(0; \{10^2, 5^9, 4^4\})$	6710880
20	$\mathcal{O}(0; \{10^3, 5, 4^2, 2^{14}\})$	104
20	$\mathcal{O}(0; \{10^3, 5, 4^4, 2^{11}\})$	416
20	$\mathcal{O}(0; \{10^3, 5, 4^6, 2^8\})$	1664
20	$\mathcal{O}(0; \{10^3, 5, 4^8, 2^5\})$	6656
20	$\mathcal{O}(0; \{10^3, 5, 4^{10}, 2^2\})$	26624
20	$\mathcal{O}(0; \{10^3, 5^6, 4^2, 2^6\})$	104856
20	$\mathcal{O}(0; \{10^3, 5^6, 4^4, 2^3\})$	419424
20	$\mathcal{O}(0; \{10^3, 5^6, 4^6\})$	1677696
20	$\mathcal{O}(0; \{10^4, 5^3, 4^2, 2^9\})$	6552
20	$\mathcal{O}(0; \{10^4, 5^3, 4^4, 2^6\})$	26208
20	$\mathcal{O}(0; \{10^4, 5^3, 4^6, 2^3\})$	104832

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{10^4, 5^3, 4^8\})$	419328
20	$\mathcal{O}(0; \{10^4, 5^8, 4^2, 2\})$	6710888
20	$\mathcal{O}(0; \{10^5, 4^2, 2^{12}\})$	408
20	$\mathcal{O}(0; \{10^5, 4^4, 2^9\})$	1632
20	$\mathcal{O}(0; \{10^5, 4^6, 2^6\})$	6528
20	$\mathcal{O}(0; \{10^5, 4^8, 2^3\})$	26112
20	$\mathcal{O}(0; \{10^5, 4^{10}\})$	104448
20	$\mathcal{O}(0; \{10^5, 5^5, 4^2, 2^4\})$	419432
20	$\mathcal{O}(0; \{10^5, 5^5, 4^4, 2\})$	1677728
20	$\mathcal{O}(0; \{10^6, 5^2, 4^2, 2^7\})$	26216
20	$\mathcal{O}(0; \{10^6, 5^2, 4^4, 2^4\})$	104864
20	$\mathcal{O}(0; \{10^6, 5^2, 4^6, 2\})$	419456
20	$\mathcal{O}(0; \{10^7, 5^4, 4^2, 2^2\})$	1677720
20	$\mathcal{O}(0; \{10^8, 5, 4^2, 2^5\})$	104856
20	$\mathcal{O}(0; \{10^8, 5, 4^4, 2^2\})$	419424
20	$\mathcal{O}(0; \{10^9, 5^3, 4^2\})$	6710888
20	$\mathcal{O}(0; \{10^{10}, 4^2, 2^3\})$	419432
20	$\mathcal{O}(0; \{10^{10}, 4^4\})$	1677728
20	$\mathcal{O}(0; \{20, 5, 4, 2^{19}\})$	8
20	$\mathcal{O}(0; \{20, 5, 4^3, 2^{16}\})$	32
20	$\mathcal{O}(0; \{20, 5, 4^5, 2^{13}\})$	128
20	$\mathcal{O}(0; \{20, 5, 4^7, 2^{10}\})$	512
20	$\mathcal{O}(0; \{20, 5, 4^9, 2^7\})$	2048
20	$\mathcal{O}(0; \{20, 5, 4^{11}, 2^4\})$	8192
20	$\mathcal{O}(0; \{20, 5, 4^{13}, 2\})$	32768
20	$\mathcal{O}(0; \{20, 5^6, 4, 2^{11}\})$	6552
20	$\mathcal{O}(0; \{20, 5^6, 4^3, 2^8\})$	26208
20	$\mathcal{O}(0; \{20, 5^6, 4^5, 2^5\})$	104832
20	$\mathcal{O}(0; \{20, 5^6, 4^7, 2^2\})$	419328
20	$\mathcal{O}(0; \{20, 5^{11}, 4, 2^3\})$	6710888
20	$\mathcal{O}(0; \{20, 5^{11}, 4^3\})$	26843552
20	$\mathcal{O}(0; \{20, 10, 5^3, 4, 2^{14}\})$	408
20	$\mathcal{O}(0; \{20, 10, 5^3, 4^3, 2^{11}\})$	1632
20	$\mathcal{O}(0; \{20, 10, 5^3, 4^5, 2^8\})$	6528
20	$\mathcal{O}(0; \{20, 10, 5^3, 4^7, 2^5\})$	26112
20	$\mathcal{O}(0; \{20, 10, 5^3, 4^9, 2^2\})$	104448
20	$\mathcal{O}(0; \{20, 10, 5^8, 4, 2^6\})$	419432
20	$\mathcal{O}(0; \{20, 10, 5^8, 4^3, 2^3\})$	1677728
20	$\mathcal{O}(0; \{20, 10, 5^8, 4^5\})$	6710912
20	$\mathcal{O}(0; \{20, 10^2, 4, 2^{17}\})$	24
20	$\mathcal{O}(0; \{20, 10^2, 4^3, 2^{14}\})$	96
20	$\mathcal{O}(0; \{20, 10^2, 4^5, 2^{11}\})$	384
20	$\mathcal{O}(0; \{20, 10^2, 4^7, 2^8\})$	1536

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20, 10^2, 4^9, 2^5\})$	6144
20	$\mathcal{O}(0; \{20, 10^2, 4^{11}, 2^2\})$	24576
20	$\mathcal{O}(0; \{20, 10^2, 5^5, 4, 2^9\})$	26216
20	$\mathcal{O}(0; \{20, 10^2, 5^5, 4^3, 2^6\})$	104864
20	$\mathcal{O}(0; \{20, 10^2, 5^5, 4^5, 2^3\})$	419456
20	$\mathcal{O}(0; \{20, 10^2, 5^5, 4^7\})$	1677824
20	$\mathcal{O}(0; \{20, 10^2, 5^{10}, 4, 2\})$	26843544
20	$\mathcal{O}(0; \{20, 10^3, 5^2, 4, 2^{12}\})$	1640
20	$\mathcal{O}(0; \{20, 10^3, 5^2, 4^3, 2^9\})$	6560
20	$\mathcal{O}(0; \{20, 10^3, 5^2, 4^5, 2^6\})$	26240
20	$\mathcal{O}(0; \{20, 10^3, 5^2, 4^7, 2^3\})$	104960
20	$\mathcal{O}(0; \{20, 10^3, 5^2, 4^9\})$	419840
20	$\mathcal{O}(0; \{20, 10^3, 5^7, 4, 2^4\})$	1677720
20	$\mathcal{O}(0; \{20, 10^3, 5^7, 4^3, 2\})$	6710880
20	$\mathcal{O}(0; \{20, 10^4, 5^4, 4, 2^7\})$	104856
20	$\mathcal{O}(0; \{20, 10^4, 5^4, 4^3, 2^4\})$	419424
20	$\mathcal{O}(0; \{20, 10^4, 5^4, 4^5, 2\})$	1677696
20	$\mathcal{O}(0; \{20, 10^5, 5, 4, 2^{10}\})$	6552
20	$\mathcal{O}(0; \{20, 10^5, 5, 4^3, 2^7\})$	26208
20	$\mathcal{O}(0; \{20, 10^5, 5, 4^5, 2^4\})$	104832
20	$\mathcal{O}(0; \{20, 10^5, 5, 4^7, 2\})$	419328
20	$\mathcal{O}(0; \{20, 10^5, 5^6, 4, 2^2\})$	6710888
20	$\mathcal{O}(0; \{20, 10^6, 5^3, 4, 2^5\})$	419432
20	$\mathcal{O}(0; \{20, 10^6, 5^3, 4^3, 2^2\})$	1677728
20	$\mathcal{O}(0; \{20, 10^7, 4, 2^8\})$	26216
20	$\mathcal{O}(0; \{20, 10^7, 4^3, 2^5\})$	104864
20	$\mathcal{O}(0; \{20, 10^7, 4^5, 2^2\})$	419456
20	$\mathcal{O}(0; \{20, 10^7, 5^5, 4\})$	26843544
20	$\mathcal{O}(0; \{20, 10^8, 5^2, 4, 2^3\})$	1677720
20	$\mathcal{O}(0; \{20, 10^8, 5^2, 4^3\})$	6710880
20	$\mathcal{O}(0; \{20, 10^{10}, 5, 4, 2\})$	6710888
20	$\mathcal{O}(0; \{20^2, 5^2, 2^{17}\})$	104
20	$\mathcal{O}(0; \{20^2, 5^2, 4^2, 2^{14}\})$	416
20	$\mathcal{O}(0; \{20^2, 5^2, 4^4, 2^{11}\})$	1664
20	$\mathcal{O}(0; \{20^2, 5^2, 4^6, 2^8\})$	6656
20	$\mathcal{O}(0; \{20^2, 5^2, 4^8, 2^5\})$	26624
20	$\mathcal{O}(0; \{20^2, 5^2, 4^{10}, 2^2\})$	106496
20	$\mathcal{O}(0; \{20^2, 5^7, 2^9\})$	104856
20	$\mathcal{O}(0; \{20^2, 5^7, 4^2, 2^6\})$	419424
20	$\mathcal{O}(0; \{20^2, 5^7, 4^4, 2^3\})$	1677696
20	$\mathcal{O}(0; \{20^2, 5^7, 4^6\})$	6710784
20	$\mathcal{O}(0; \{20^2, 5^{12}, 2\})$	107374184
20	$\mathcal{O}(0; \{20^2, 10, 5^4, 2^{12}\})$	6552

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20^2, 10, 5^4, 4^2, 2^9\})$	26208
20	$\mathcal{O}(0; \{20^2, 10, 5^4, 4^4, 2^6\})$	104832
20	$\mathcal{O}(0; \{20^2, 10, 5^4, 4^6, 2^3\})$	419328
20	$\mathcal{O}(0; \{20^2, 10, 5^4, 4^8\})$	1677312
20	$\mathcal{O}(0; \{20^2, 10, 5^9, 2^4\})$	6710888
20	$\mathcal{O}(0; \{20^2, 10, 5^9, 4^2, 2\})$	26843552
20	$\mathcal{O}(0; \{20^2, 10^2, 5, 2^{15}\})$	408
20	$\mathcal{O}(0; \{20^2, 10^2, 5, 4^2, 2^{12}\})$	1632
20	$\mathcal{O}(0; \{20^2, 10^2, 5, 4^4, 2^9\})$	6528
20	$\mathcal{O}(0; \{20^2, 10^2, 5, 4^6, 2^6\})$	26112
20	$\mathcal{O}(0; \{20^2, 10^2, 5, 4^8, 2^3\})$	104448
20	$\mathcal{O}(0; \{20^2, 10^2, 5, 4^{10}\})$	417792
20	$\mathcal{O}(0; \{20^2, 10^2, 5^6, 2^7\})$	419432
20	$\mathcal{O}(0; \{20^2, 10^2, 5^6, 4^2, 2^4\})$	1677728
20	$\mathcal{O}(0; \{20^2, 10^2, 5^6, 4^4, 2\})$	6710912
20	$\mathcal{O}(0; \{20^2, 10^3, 5^3, 2^{10}\})$	26216
20	$\mathcal{O}(0; \{20^2, 10^3, 5^3, 4^2, 2^7\})$	104864
20	$\mathcal{O}(0; \{20^2, 10^3, 5^3, 4^4, 2^4\})$	419456
20	$\mathcal{O}(0; \{20^2, 10^3, 5^3, 4^6, 2\})$	1677824
20	$\mathcal{O}(0; \{20^2, 10^3, 5^8, 2^2\})$	26843544
20	$\mathcal{O}(0; \{20^2, 10^4, 2^{13}\})$	1640
20	$\mathcal{O}(0; \{20^2, 10^4, 4^2, 2^{10}\})$	6560
20	$\mathcal{O}(0; \{20^2, 10^4, 4^4, 2^7\})$	26240
20	$\mathcal{O}(0; \{20^2, 10^4, 4^6, 2^4\})$	104960
20	$\mathcal{O}(0; \{20^2, 10^4, 4^8, 2\})$	419840
20	$\mathcal{O}(0; \{20^2, 10^4, 5^5, 2^5\})$	1677720
20	$\mathcal{O}(0; \{20^2, 10^4, 5^5, 4^2, 2^2\})$	6710880
20	$\mathcal{O}(0; \{20^2, 10^5, 5^2, 2^8\})$	104856
20	$\mathcal{O}(0; \{20^2, 10^5, 5^2, 4^2, 2^5\})$	419424
20	$\mathcal{O}(0; \{20^2, 10^5, 5^2, 4^4, 2^2\})$	1677696
20	$\mathcal{O}(0; \{20^2, 10^5, 5^7\})$	107374184
20	$\mathcal{O}(0; \{20^2, 10^6, 5^4, 2^3\})$	6710888
20	$\mathcal{O}(0; \{20^2, 10^6, 5^4, 4^2\})$	26843552
20	$\mathcal{O}(0; \{20^2, 10^7, 5, 2^6\})$	419432
20	$\mathcal{O}(0; \{20^2, 10^7, 5, 4^2, 2^3\})$	1677728
20	$\mathcal{O}(0; \{20^2, 10^7, 5, 4^4\})$	6710912
20	$\mathcal{O}(0; \{20^2, 10^8, 5^3, 2\})$	26843544
20	$\mathcal{O}(0; \{20^2, 10^9, 2^4\})$	1677720
20	$\mathcal{O}(0; \{20^2, 10^9, 4^2, 2\})$	6710880
20	$\mathcal{O}(0; \{20^3, 5^3, 4, 2^{12}\})$	6560
20	$\mathcal{O}(0; \{20^3, 5^3, 4^3, 2^9\})$	26240
20	$\mathcal{O}(0; \{20^3, 5^3, 4^5, 2^6\})$	104960
20	$\mathcal{O}(0; \{20^3, 5^3, 4^7, 2^3\})$	419840

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20^3, 5^3, 4^9\})$	1679360
20	$\mathcal{O}(0; \{20^3, 5^8, 4, 2^4\})$	6710880
20	$\mathcal{O}(0; \{20^3, 5^8, 4^3, 2\})$	26843520
20	$\mathcal{O}(0; \{20^3, 10, 4, 2^{15}\})$	416
20	$\mathcal{O}(0; \{20^3, 10, 4^3, 2^{12}\})$	1664
20	$\mathcal{O}(0; \{20^3, 10, 4^5, 2^9\})$	6656
20	$\mathcal{O}(0; \{20^3, 10, 4^7, 2^6\})$	26624
20	$\mathcal{O}(0; \{20^3, 10, 4^9, 2^3\})$	106496
20	$\mathcal{O}(0; \{20^3, 10, 4^{11}\})$	425984
20	$\mathcal{O}(0; \{20^3, 10, 5^5, 4, 2^7\})$	419424
20	$\mathcal{O}(0; \{20^3, 10, 5^5, 4^3, 2^4\})$	1677696
20	$\mathcal{O}(0; \{20^3, 10, 5^5, 4^5, 2\})$	6710784
20	$\mathcal{O}(0; \{20^3, 10^2, 5^2, 4, 2^{10}\})$	26208
20	$\mathcal{O}(0; \{20^3, 10^2, 5^2, 4^3, 2^7\})$	104832
20	$\mathcal{O}(0; \{20^3, 10^2, 5^2, 4^5, 2^4\})$	419328
20	$\mathcal{O}(0; \{20^3, 10^2, 5^2, 4^7, 2\})$	1677312
20	$\mathcal{O}(0; \{20^3, 10^2, 5^7, 4, 2^2\})$	26843552
20	$\mathcal{O}(0; \{20^3, 10^3, 5^4, 4, 2^5\})$	1677728
20	$\mathcal{O}(0; \{20^3, 10^3, 5^4, 4^3, 2^2\})$	6710912
20	$\mathcal{O}(0; \{20^3, 10^4, 5, 4, 2^8\})$	104864
20	$\mathcal{O}(0; \{20^3, 10^4, 5, 4^3, 2^5\})$	419456
20	$\mathcal{O}(0; \{20^3, 10^4, 5, 4^5, 2^2\})$	1677824
20	$\mathcal{O}(0; \{20^3, 10^4, 5^6, 4\})$	107374176
20	$\mathcal{O}(0; \{20^3, 10^5, 5^3, 4, 2^3\})$	6710880
20	$\mathcal{O}(0; \{20^3, 10^5, 5^3, 4^3\})$	26843520
20	$\mathcal{O}(0; \{20^3, 10^6, 4, 2^6\})$	419424
20	$\mathcal{O}(0; \{20^3, 10^6, 4^3, 2^3\})$	1677696
20	$\mathcal{O}(0; \{20^3, 10^6, 4^5\})$	6710784
20	$\mathcal{O}(0; \{20^3, 10^7, 5^2, 4, 2\})$	26843552
20	$\mathcal{O}(0; \{20^4, 5^4, 2^{10}\})$	104864
20	$\mathcal{O}(0; \{20^4, 5^4, 4^2, 2^7\})$	419456
20	$\mathcal{O}(0; \{20^4, 5^4, 4^4, 2^4\})$	1677824
20	$\mathcal{O}(0; \{20^4, 5^4, 4^6, 2\})$	6711296
20	$\mathcal{O}(0; \{20^4, 5^9, 2^2\})$	107374176
20	$\mathcal{O}(0; \{20^4, 10, 5, 2^{13}\})$	6560
20	$\mathcal{O}(0; \{20^4, 10, 5, 4^2, 2^{10}\})$	26240
20	$\mathcal{O}(0; \{20^4, 10, 5, 4^4, 2^7\})$	104960
20	$\mathcal{O}(0; \{20^4, 10, 5, 4^6, 2^4\})$	419840
20	$\mathcal{O}(0; \{20^4, 10, 5, 4^8, 2\})$	1679360
20	$\mathcal{O}(0; \{20^4, 10, 5^6, 2^5\})$	6710880
20	$\mathcal{O}(0; \{20^4, 10, 5^6, 4^2, 2^2\})$	26843520
20	$\mathcal{O}(0; \{20^4, 10^2, 5^3, 2^8\})$	419424
20	$\mathcal{O}(0; \{20^4, 10^2, 5^3, 4^2, 2^5\})$	1677696

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20^4, 10^2, 5^3, 4^4, 2^2\})$	6710784
20	$\mathcal{O}(0; \{20^4, 10^2, 5^8\})$	429496736
20	$\mathcal{O}(0; \{20^4, 10^3, 2^{11}\})$	26208
20	$\mathcal{O}(0; \{20^4, 10^3, 4^2, 2^8\})$	104832
20	$\mathcal{O}(0; \{20^4, 10^3, 4^4, 2^5\})$	419328
20	$\mathcal{O}(0; \{20^4, 10^3, 4^6, 2^2\})$	1677312
20	$\mathcal{O}(0; \{20^4, 10^3, 5^5, 2^3\})$	26843552
20	$\mathcal{O}(0; \{20^4, 10^3, 5^5, 4^2\})$	107374208
20	$\mathcal{O}(0; \{20^4, 10^4, 5^2, 2^6\})$	1677728
20	$\mathcal{O}(0; \{20^4, 10^4, 5^2, 4^2, 2^3\})$	6710912
20	$\mathcal{O}(0; \{20^4, 10^4, 5^2, 4^4\})$	26843648
20	$\mathcal{O}(0; \{20^4, 10^5, 5^4, 2\})$	107374176
20	$\mathcal{O}(0; \{20^4, 10^6, 5, 2^4\})$	6710880
20	$\mathcal{O}(0; \{20^4, 10^6, 5, 4^2, 2\})$	26843520
20	$\mathcal{O}(0; \{20^4, 10^8, 2^2\})$	26843552
20	$\mathcal{O}(0; \{20^5, 4, 2^{13}\})$	6528
20	$\mathcal{O}(0; \{20^5, 4^3, 2^{10}\})$	26112
20	$\mathcal{O}(0; \{20^5, 4^5, 2^7\})$	104448
20	$\mathcal{O}(0; \{20^5, 4^7, 2^4\})$	417792
20	$\mathcal{O}(0; \{20^5, 4^9, 2\})$	1671168
20	$\mathcal{O}(0; \{20^5, 5^5, 4, 2^5\})$	6710912
20	$\mathcal{O}(0; \{20^5, 5^5, 4^3, 2^2\})$	26843648
20	$\mathcal{O}(0; \{20^5, 10, 5^2, 4, 2^8\})$	419456
20	$\mathcal{O}(0; \{20^5, 10, 5^2, 4^3, 2^5\})$	1677824
20	$\mathcal{O}(0; \{20^5, 10, 5^2, 4^5, 2^2\})$	6711296
20	$\mathcal{O}(0; \{20^5, 10, 5^7, 4\})$	429496704
20	$\mathcal{O}(0; \{20^5, 10^2, 5^4, 4, 2^3\})$	26843520
20	$\mathcal{O}(0; \{20^5, 10^2, 5^4, 4^3\})$	107374080
20	$\mathcal{O}(0; \{20^5, 10^3, 5, 4, 2^6\})$	1677696
20	$\mathcal{O}(0; \{20^5, 10^3, 5, 4^3, 2^3\})$	6710784
20	$\mathcal{O}(0; \{20^5, 10^3, 5, 4^5\})$	26843136
20	$\mathcal{O}(0; \{20^5, 10^4, 5^3, 4, 2\})$	107374208
20	$\mathcal{O}(0; \{20^5, 10^5, 4, 2^4\})$	6710912
20	$\mathcal{O}(0; \{20^5, 10^5, 4^3, 2\})$	26843648
20	$\mathcal{O}(0; \{20^6, 5, 2^{11}\})$	104832
20	$\mathcal{O}(0; \{20^6, 5, 4^2, 2^8\})$	419328
20	$\mathcal{O}(0; \{20^6, 5, 4^4, 2^5\})$	1677312
20	$\mathcal{O}(0; \{20^6, 5, 4^6, 2^2\})$	6709248
20	$\mathcal{O}(0; \{20^6, 5^6, 2^3\})$	107374208
20	$\mathcal{O}(0; \{20^6, 5^6, 4^2\})$	429496832
20	$\mathcal{O}(0; \{20^6, 10, 5^3, 2^6\})$	6710912
20	$\mathcal{O}(0; \{20^6, 10, 5^3, 4^2, 2^3\})$	26843648
20	$\mathcal{O}(0; \{20^6, 10, 5^3, 4^4\})$	107374592

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
20	$\mathcal{O}(0; \{20^6, 10^2, 2^9\})$	419456
20	$\mathcal{O}(0; \{20^6, 10^2, 4^2, 2^6\})$	1677824
20	$\mathcal{O}(0; \{20^6, 10^2, 4^4, 2^3\})$	6711296
20	$\mathcal{O}(0; \{20^6, 10^2, 4^6\})$	26845184
20	$\mathcal{O}(0; \{20^6, 10^2, 5^5, 2\})$	429496704
20	$\mathcal{O}(0; \{20^6, 10^3, 5^2, 2^4\})$	26843520
20	$\mathcal{O}(0; \{20^6, 10^3, 5^2, 4^2, 2\})$	107374080
20	$\mathcal{O}(0; \{20^6, 10^5, 5, 2^2\})$	107374208
20	$\mathcal{O}(0; \{20^6, 10^7\})$	429496704
20	$\mathcal{O}(0; \{20^7, 5^2, 4, 2^6\})$	6710784
20	$\mathcal{O}(0; \{20^7, 5^2, 4^3, 2^3\})$	26843136
20	$\mathcal{O}(0; \{20^7, 5^2, 4^5\})$	107372544
20	$\mathcal{O}(0; \{20^7, 10, 5^4, 4, 2\})$	429496832
20	$\mathcal{O}(0; \{20^7, 10^2, 5, 4, 2^4\})$	26843648
20	$\mathcal{O}(0; \{20^7, 10^2, 5, 4^3, 2\})$	107374592
20	$\mathcal{O}(0; \{20^7, 10^4, 4, 2^2\})$	107374080
20	$\mathcal{O}(0; \{20^8, 5^3, 2^4\})$	107374080
20	$\mathcal{O}(0; \{20^8, 5^3, 4^2, 2\})$	429496320
20	$\mathcal{O}(0; \{20^8, 10, 2^7\})$	6710784
20	$\mathcal{O}(0; \{20^8, 10, 4^2, 2^4\})$	26843136
20	$\mathcal{O}(0; \{20^8, 10, 4^4, 2\})$	107372544
20	$\mathcal{O}(0; \{20^8, 10^2, 5^2, 2^2\})$	429496832
20	$\mathcal{O}(0; \{20^8, 10^4, 5\})$	1717986816
20	$\mathcal{O}(0; \{20^9, 10, 5, 4, 2^2\})$	429496320
20	$\mathcal{O}(0; \{20^9, 10^3, 4\})$	1717987328
20	$\mathcal{O}(0; \{20^{10}, 2^5\})$	107374592
20	$\mathcal{O}(0; \{20^{10}, 4^2, 2^2\})$	429498368
20	$\mathcal{O}(0; \{20^{10}, 10, 5^2\})$	6871947264
20	$\mathcal{O}(0; \{20^{11}, 5, 4\})$	6871949312
21	$\mathcal{O}(4; \{21^3, 3\})$	6808114684980
21	$\mathcal{O}(3; \{21, 7^3, 3^3\})$	95714991036
21	$\mathcal{O}(3; \{21^3, 3^4\})$	108065312460
21	$\mathcal{O}(3; \{21^4, 7^2\})$	3430301775516
21	$\mathcal{O}(2; \{21, 7^3, 3^6\})$	1519285572
21	$\mathcal{O}(2; \{21^2, 7^5, 3^2\})$	46663771140
21	$\mathcal{O}(2; \{21^3, 3^7\})$	1995375060
21	$\mathcal{O}(2; \{21^4, 7^2, 3^3\})$	54449234532
21	$\mathcal{O}(2; \{21^7, 7\})$	1959927397092
21	$\mathcal{O}(1; \{7^8, 3^4\})$	634897116
21	$\mathcal{O}(1; \{21, 7^3, 3^9\})$	28052892
21	$\mathcal{O}(1; \{21^2, 7^5, 3^5\})$	740694780
21	$\mathcal{O}(1; \{21^3, 3^{10}\})$	36117900
21	$\mathcal{O}(1; \{21^3, 7^7, 3\})$	22856216796

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
21	$\mathcal{O}(1; \{21^4, 7^2, 3^6\})$	1005379452
21	$\mathcal{O}(1; \{21^5, 7^4, 3^2\})$	26665567740
21	$\mathcal{O}(1; \{21^7, 7, 3^3\})$	36189135612
21	$\mathcal{O}(1; \{21^{10}\})$	1302804357372
21	$\mathcal{O}(0; \{7^8, 3^7\})$	10077732
21	$\mathcal{O}(0; \{21, 7^3, 3^{12}\})$	507780
21	$\mathcal{O}(0; \{21, 7^{10}, 3^3\})$	310968900
21	$\mathcal{O}(0; \{21^2, 7^5, 3^8\})$	13676580
21	$\mathcal{O}(0; \{21^3, 3^{13}\})$	655380
21	$\mathcal{O}(0; \{21^3, 7^7, 3^4\})$	362797092
21	$\mathcal{O}(0; \{21^4, 7^2, 3^9\})$	18198180
21	$\mathcal{O}(0; \{21^4, 7^9\})$	11194880580
21	$\mathcal{O}(0; \{21^5, 7^4, 3^5\})$	492367140
21	$\mathcal{O}(0; \{21^6, 7^6, 3\})$	13060694052
21	$\mathcal{O}(0; \{21^7, 7, 3^6\})$	655052580
21	$\mathcal{O}(0; \{21^8, 7^3, 3^2\})$	17725227300
21	$\mathcal{O}(0; \{21^{10}, 3^3\})$	23581810980
22	$\mathcal{O}(3; \{22, 11^4, 2\})$	1030623327360
22	$\mathcal{O}(2; \{22, 11^4, 2^5\})$	2129387040
22	$\mathcal{O}(2; \{22^3, 11^3, 2^3\})$	21296212960
22	$\mathcal{O}(2; \{22^5, 11^2, 2\})$	212959787040
22	$\mathcal{O}(1; \{11^{10}\})$	330000000330
22	$\mathcal{O}(1; \{22, 11^4, 2^9\})$	4399560
22	$\mathcal{O}(1; \{22^3, 11^3, 2^7\})$	44000440
22	$\mathcal{O}(1; \{22^5, 11^2, 2^5\})$	439999560
22	$\mathcal{O}(1; \{22^7, 11, 2^3\})$	4400000440
22	$\mathcal{O}(1; \{22^9, 2\})$	43999999560
22	$\mathcal{O}(0; \{11^{10}, 2^4\})$	909090910
22	$\mathcal{O}(0; \{22, 11^4, 2^{13}\})$	9090
22	$\mathcal{O}(0; \{22^2, 11^9, 2^2\})$	9090909090
22	$\mathcal{O}(0; \{22^3, 11^3, 2^{11}\})$	90910
22	$\mathcal{O}(0; \{22^4, 11^8\})$	90909090910
22	$\mathcal{O}(0; \{22^5, 11^2, 2^9\})$	909090
22	$\mathcal{O}(0; \{22^7, 11, 2^7\})$	9090910
22	$\mathcal{O}(0; \{22^9, 2^5\})$	90909090
23	$\mathcal{O}(2; \{23^7\})$	30348852155622
24	$\mathcal{O}(4; \{3^2, 2^2\})$	219290664960
24	$\mathcal{O}(4; \{6^2, 3\})$	219290664960
24	$\mathcal{O}(4; \{12, 4, 3\})$	438581329920
24	$\mathcal{O}(4; \{12^2, 2\})$	438581329920
24	$\mathcal{O}(3; \{3^2, 2^6\})$	376233984
24	$\mathcal{O}(3; \{3^5, 2^2\})$	1881169920
24	$\mathcal{O}(3; \{4^2, 3^2, 2^3\})$	752467968

Continued on next page

Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(3; \{4^4, 3^2\})$	3009871872
24	$\mathcal{O}(3; \{6, 3^3, 2^3\})$	1128701952
24	$\mathcal{O}(3; \{6, 4^2, 3^3\})$	2257403904
24	$\mathcal{O}(3; \{6^2, 3, 2^4\})$	376233984
24	$\mathcal{O}(3; \{6^2, 3^4\})$	4138573824
24	$\mathcal{O}(3; \{6^2, 4^2, 3, 2\})$	752467968
24	$\mathcal{O}(3; \{6^3, 3^2, 2\})$	1881169920
24	$\mathcal{O}(3; \{6^4, 2^2\})$	1128701952
24	$\mathcal{O}(3; \{8^2, 4, 3^2, 2\})$	3057647616
24	$\mathcal{O}(3; \{12, 4, 3, 2^4\})$	752467968
24	$\mathcal{O}(3; \{12, 4, 3^4\})$	3762339840
24	$\mathcal{O}(3; \{12, 4^3, 3, 2\})$	3009871872
24	$\mathcal{O}(3; \{12, 6, 4, 3^2, 2\})$	2257403904
24	$\mathcal{O}(3; \{12, 6^2, 4, 2^2\})$	752467968
24	$\mathcal{O}(3; \{12, 8^2, 3, 2^2\})$	3057647616
24	$\mathcal{O}(3; \{12, 8^2, 6^2\})$	3057647616
24	$\mathcal{O}(3; \{12^2, 2^5\})$	752467968
24	$\mathcal{O}(3; \{12^2, 3^3, 2\})$	3762339840
24	$\mathcal{O}(3; \{12^2, 4^2, 2^2\})$	3009871872
24	$\mathcal{O}(3; \{12^2, 6, 3, 2^2\})$	2257403904
24	$\mathcal{O}(3; \{12^2, 6^3\})$	3762339840
24	$\mathcal{O}(3; \{12^2, 8^2, 4\})$	12230590464
24	$\mathcal{O}(3; \{12^3, 6, 4\})$	9029615616
24	$\mathcal{O}(3; \{12^4, 3\})$	15049359360
24	$\mathcal{O}(3; \{24, 8, 3^3, 2\})$	4586471424
24	$\mathcal{O}(3; \{24, 8, 6, 3, 2^2\})$	1528823808
24	$\mathcal{O}(3; \{24, 8, 6^3\})$	4586471424
24	$\mathcal{O}(3; \{24, 12, 8, 6, 4\})$	6115295232
24	$\mathcal{O}(3; \{24, 12^2, 8, 3\})$	18345885696
24	$\mathcal{O}(3; \{24^2, 4, 3, 2^2\})$	3057647616
24	$\mathcal{O}(3; \{24^2, 6^2, 4\})$	9172942848
24	$\mathcal{O}(3; \{24^2, 8^2, 3\})$	24461180928
24	$\mathcal{O}(3; \{24^2, 12, 2^3\})$	3057647616
24	$\mathcal{O}(3; \{24^2, 12, 4^2\})$	12230590464
24	$\mathcal{O}(3; \{24^2, 12, 6, 3\})$	15288238080
24	$\mathcal{O}(3; \{24^4, 2\})$	73383542784
24	$\mathcal{O}(2; \{3^2, 2^{10}\})$	622080
24	$\mathcal{O}(2; \{3^5, 2^6\})$	3110400
24	$\mathcal{O}(2; \{3^8, 2^2\})$	26749440
24	$\mathcal{O}(2; \{4^2, 3^2, 2^7\})$	1244160
24	$\mathcal{O}(2; \{4^2, 3^5, 2^3\})$	6220800
24	$\mathcal{O}(2; \{4^4, 3^2, 2^4\})$	4976640
24	$\mathcal{O}(2; \{4^4, 3^5\})$	24883200

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_{\mathcal{O}}(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(2; \{4^6, 3^2, 2\})$	19906560
24	$\mathcal{O}(2; \{6, 3^3, 2^7\})$	1866240
24	$\mathcal{O}(2; \{6, 3^6, 2^3\})$	13063680
24	$\mathcal{O}(2; \{6, 4^2, 3^3, 2^4\})$	3732480
24	$\mathcal{O}(2; \{6, 4^2, 3^6\})$	26127360
24	$\mathcal{O}(2; \{6, 4^4, 3^3, 2\})$	14929920
24	$\mathcal{O}(2; \{6^2, 3, 2^8\})$	622080
24	$\mathcal{O}(2; \{6^2, 3^4, 2^4\})$	6842880
24	$\mathcal{O}(2; \{6^2, 3^7\})$	52876800
24	$\mathcal{O}(2; \{6^2, 4^2, 3, 2^5\})$	1244160
24	$\mathcal{O}(2; \{6^2, 4^2, 3^4, 2\})$	13685760
24	$\mathcal{O}(2; \{6^2, 4^4, 3, 2^2\})$	4976640
24	$\mathcal{O}(2; \{6^3, 3^2, 2^5\})$	3110400
24	$\mathcal{O}(2; \{6^3, 3^5, 2\})$	26749440
24	$\mathcal{O}(2; \{6^3, 4^2, 3^2, 2^2\})$	6220800
24	$\mathcal{O}(2; \{6^4, 2^6\})$	1866240
24	$\mathcal{O}(2; \{6^4, 3^3, 2^2\})$	13063680
24	$\mathcal{O}(2; \{6^4, 4^2, 2^3\})$	3732480
24	$\mathcal{O}(2; \{6^4, 4^4\})$	14929920
24	$\mathcal{O}(2; \{6^5, 3, 2^3\})$	6842880
24	$\mathcal{O}(2; \{6^5, 4^2, 3\})$	13685760
24	$\mathcal{O}(2; \{6^6, 3^2\})$	26749440
24	$\mathcal{O}(2; \{6^7, 2\})$	13063680
24	$\mathcal{O}(2; \{8^2, 4, 3^2, 2^5\})$	5308416
24	$\mathcal{O}(2; \{8^2, 4, 3^5, 2\})$	26542080
24	$\mathcal{O}(2; \{8^2, 4^3, 3^2, 2^2\})$	21233664
24	$\mathcal{O}(2; \{8^2, 6, 4, 3^3, 2^2\})$	15925248
24	$\mathcal{O}(2; \{8^2, 6^2, 4, 3, 2^3\})$	5308416
24	$\mathcal{O}(2; \{8^2, 6^2, 4^3, 3\})$	21233664
24	$\mathcal{O}(2; \{8^2, 6^3, 4, 3^2\})$	26542080
24	$\mathcal{O}(2; \{8^2, 6^4, 4, 2\})$	15925248
24	$\mathcal{O}(2; \{8^4, 3^2, 2^3\})$	42467328
24	$\mathcal{O}(2; \{8^4, 4^2, 3^2\})$	169869312
24	$\mathcal{O}(2; \{8^4, 6, 3^3\})$	127401984
24	$\mathcal{O}(2; \{8^4, 6^2, 3, 2\})$	42467328
24	$\mathcal{O}(2; \{12, 4, 3, 2^8\})$	1244160
24	$\mathcal{O}(2; \{12, 4, 3^4, 2^4\})$	6220800
24	$\mathcal{O}(2; \{12, 4, 3^7\})$	53498880
24	$\mathcal{O}(2; \{12, 4^3, 3, 2^5\})$	4976640
24	$\mathcal{O}(2; \{12, 4^3, 3^4, 2\})$	24883200
24	$\mathcal{O}(2; \{12, 4^5, 3, 2^2\})$	19906560
24	$\mathcal{O}(2; \{12, 6, 4, 3^2, 2^5\})$	3732480
24	$\mathcal{O}(2; \{12, 6, 4, 3^5, 2\})$	26127360

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(2; \{12, 6, 4^3, 3^2, 2^2\})$	14929920
24	$\mathcal{O}(2; \{12, 6^2, 4, 2^6\})$	1244160
24	$\mathcal{O}(2; \{12, 6^2, 4, 3^3, 2^2\})$	13685760
24	$\mathcal{O}(2; \{12, 6^2, 4^3, 2^3\})$	4976640
24	$\mathcal{O}(2; \{12, 6^2, 4^5\})$	19906560
24	$\mathcal{O}(2; \{12, 6^3, 4, 3, 2^3\})$	6220800
24	$\mathcal{O}(2; \{12, 6^3, 4^3, 3\})$	24883200
24	$\mathcal{O}(2; \{12, 6^4, 4, 3^2\})$	26127360
24	$\mathcal{O}(2; \{12, 6^5, 4, 2\})$	13685760
24	$\mathcal{O}(2; \{12, 8^2, 3, 2^6\})$	5308416
24	$\mathcal{O}(2; \{12, 8^2, 3^4, 2^2\})$	26542080
24	$\mathcal{O}(2; \{12, 8^2, 4^2, 3, 2^3\})$	21233664
24	$\mathcal{O}(2; \{12, 8^2, 4^4, 3\})$	84934656
24	$\mathcal{O}(2; \{12, 8^2, 6, 3^2, 2^3\})$	15925248
24	$\mathcal{O}(2; \{12, 8^2, 6, 4^2, 3^2\})$	63700992
24	$\mathcal{O}(2; \{12, 8^2, 6^2, 2^4\})$	5308416
24	$\mathcal{O}(2; \{12, 8^2, 6^2, 3^3\})$	58392576
24	$\mathcal{O}(2; \{12, 8^2, 6^2, 4^2, 2\})$	21233664
24	$\mathcal{O}(2; \{12, 8^2, 6^3, 3, 2\})$	26542080
24	$\mathcal{O}(2; \{12, 8^4, 4, 3, 2\})$	169869312
24	$\mathcal{O}(2; \{12^2, 2^9\})$	1244160
24	$\mathcal{O}(2; \{12^2, 3^3, 2^5\})$	6220800
24	$\mathcal{O}(2; \{12^2, 3^6, 2\})$	53498880
24	$\mathcal{O}(2; \{12^2, 4^2, 2^6\})$	4976640
24	$\mathcal{O}(2; \{12^2, 4^2, 3^3, 2^2\})$	24883200
24	$\mathcal{O}(2; \{12^2, 4^4, 2^3\})$	19906560
24	$\mathcal{O}(2; \{12^2, 4^6\})$	79626240
24	$\mathcal{O}(2; \{12^2, 6, 3, 2^6\})$	3732480
24	$\mathcal{O}(2; \{12^2, 6, 3^4, 2^2\})$	26127360
24	$\mathcal{O}(2; \{12^2, 6, 4^2, 3, 2^3\})$	14929920
24	$\mathcal{O}(2; \{12^2, 6, 4^4, 3\})$	59719680
24	$\mathcal{O}(2; \{12^2, 6^2, 3^2, 2^3\})$	13685760
24	$\mathcal{O}(2; \{12^2, 6^2, 4^2, 3^2\})$	54743040
24	$\mathcal{O}(2; \{12^2, 6^3, 2^4\})$	6220800
24	$\mathcal{O}(2; \{12^2, 6^3, 3^3\})$	53498880
24	$\mathcal{O}(2; \{12^2, 6^3, 4^2, 2\})$	24883200
24	$\mathcal{O}(2; \{12^2, 6^4, 3, 2\})$	26127360
24	$\mathcal{O}(2; \{12^2, 8^2, 4, 2^4\})$	21233664
24	$\mathcal{O}(2; \{12^2, 8^2, 4, 3^3\})$	106168320
24	$\mathcal{O}(2; \{12^2, 8^2, 4^3, 2\})$	84934656
24	$\mathcal{O}(2; \{12^2, 8^2, 6, 4, 3, 2\})$	63700992
24	$\mathcal{O}(2; \{12^2, 8^4, 2^2\})$	169869312
24	$\mathcal{O}(2; \{12^3, 4, 3^2, 2^3\})$	24883200

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(2; \{12^3, 4^3, 3^2\})$	99532800
24	$\mathcal{O}(2; \{12^3, 6, 4, 2^4\})$	14929920
24	$\mathcal{O}(2; \{12^3, 6, 4, 3^3\})$	104509440
24	$\mathcal{O}(2; \{12^3, 6, 4^3, 2\})$	59719680
24	$\mathcal{O}(2; \{12^3, 6^2, 4, 3, 2\})$	54743040
24	$\mathcal{O}(2; \{12^3, 8^2, 3^2, 2\})$	106168320
24	$\mathcal{O}(2; \{12^3, 8^2, 6, 2^2\})$	63700992
24	$\mathcal{O}(2; \{12^4, 3, 2^4\})$	24883200
24	$\mathcal{O}(2; \{12^4, 3^4\})$	213995520
24	$\mathcal{O}(2; \{12^4, 4^2, 3, 2\})$	99532800
24	$\mathcal{O}(2; \{12^4, 6, 3^2, 2\})$	104509440
24	$\mathcal{O}(2; \{12^4, 6^2, 2^2\})$	54743040
24	$\mathcal{O}(2; \{12^5, 4, 2^2\})$	99532800
24	$\mathcal{O}(2; \{12^5, 8^2\})$	424673280
24	$\mathcal{O}(2; \{12^6, 6\})$	418037760
24	$\mathcal{O}(2; \{24, 8, 3^3, 2^5\})$	7962624
24	$\mathcal{O}(2; \{24, 8, 3^6, 2\})$	55738368
24	$\mathcal{O}(2; \{24, 8, 4^2, 3^3, 2^2\})$	31850496
24	$\mathcal{O}(2; \{24, 8, 6, 3, 2^6\})$	2654208
24	$\mathcal{O}(2; \{24, 8, 6, 3^4, 2^2\})$	29196288
24	$\mathcal{O}(2; \{24, 8, 6, 4^2, 3, 2^3\})$	10616832
24	$\mathcal{O}(2; \{24, 8, 6, 4^4, 3\})$	42467328
24	$\mathcal{O}(2; \{24, 8, 6^2, 3^2, 2^3\})$	13271040
24	$\mathcal{O}(2; \{24, 8, 6^2, 4^2, 3^2\})$	53084160
24	$\mathcal{O}(2; \{24, 8, 6^3, 2^4\})$	7962624
24	$\mathcal{O}(2; \{24, 8, 6^3, 3^3\})$	55738368
24	$\mathcal{O}(2; \{24, 8, 6^3, 4^2, 2\})$	31850496
24	$\mathcal{O}(2; \{24, 8, 6^4, 3, 2\})$	29196288
24	$\mathcal{O}(2; \{24, 8^3, 4, 3^3\})$	254803968
24	$\mathcal{O}(2; \{24, 8^3, 6, 4, 3, 2\})$	84934656
24	$\mathcal{O}(2; \{24, 12, 8, 4, 3^2, 2^3\})$	31850496
24	$\mathcal{O}(2; \{24, 12, 8, 4^3, 3^2\})$	127401984
24	$\mathcal{O}(2; \{24, 12, 8, 6, 4, 2^4\})$	10616832
24	$\mathcal{O}(2; \{24, 12, 8, 6, 4, 3^3\})$	116785152
24	$\mathcal{O}(2; \{24, 12, 8, 6, 4^3, 2\})$	42467328
24	$\mathcal{O}(2; \{24, 12, 8, 6^2, 4, 3, 2\})$	53084160
24	$\mathcal{O}(2; \{24, 12, 8^3, 3^2, 2\})$	254803968
24	$\mathcal{O}(2; \{24, 12, 8^3, 6, 2^2\})$	84934656
24	$\mathcal{O}(2; \{24, 12^2, 8, 3, 2^4\})$	31850496
24	$\mathcal{O}(2; \{24, 12^2, 8, 3^4\})$	222953472
24	$\mathcal{O}(2; \{24, 12^2, 8, 4^2, 3, 2\})$	127401984
24	$\mathcal{O}(2; \{24, 12^2, 8, 6, 3^2, 2\})$	116785152
24	$\mathcal{O}(2; \{24, 12^2, 8, 6^2, 2^2\})$	53084160

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(2; \{24, 12^3, 8, 4, 2^2\})$	127401984
24	$\mathcal{O}(2; \{24, 12^3, 8^3\})$	1019215872
24	$\mathcal{O}(2; \{24, 12^4, 8, 6\})$	467140608
24	$\mathcal{O}(2; \{24^2, 4, 3, 2^6\})$	5308416
24	$\mathcal{O}(2; \{24^2, 4, 3^4, 2^2\})$	58392576
24	$\mathcal{O}(2; \{24^2, 4^3, 3, 2^3\})$	21233664
24	$\mathcal{O}(2; \{24^2, 4^5, 3\})$	84934656
24	$\mathcal{O}(2; \{24^2, 6, 4, 3^2, 2^3\})$	26542080
24	$\mathcal{O}(2; \{24^2, 6, 4^3, 3^2\})$	106168320
24	$\mathcal{O}(2; \{24^2, 6^2, 4, 2^4\})$	15925248
24	$\mathcal{O}(2; \{24^2, 6^2, 4, 3^3\})$	111476736
24	$\mathcal{O}(2; \{24^2, 6^2, 4^3, 2\})$	63700992
24	$\mathcal{O}(2; \{24^2, 6^3, 4, 3, 2\})$	58392576
24	$\mathcal{O}(2; \{24^2, 8^2, 3, 2^4\})$	42467328
24	$\mathcal{O}(2; \{24^2, 8^2, 3^4\})$	467140608
24	$\mathcal{O}(2; \{24^2, 8^2, 4^2, 3, 2\})$	169869312
24	$\mathcal{O}(2; \{24^2, 8^2, 6, 3^2, 2\})$	212336640
24	$\mathcal{O}(2; \{24^2, 8^2, 6^2, 2^2\})$	127401984
24	$\mathcal{O}(2; \{24^2, 12, 2^7\})$	5308416
24	$\mathcal{O}(2; \{24^2, 12, 3^3, 2^3\})$	58392576
24	$\mathcal{O}(2; \{24^2, 12, 4^2, 2^4\})$	21233664
24	$\mathcal{O}(2; \{24^2, 12, 4^2, 3^3\})$	233570304
24	$\mathcal{O}(2; \{24^2, 12, 4^4, 2\})$	84934656
24	$\mathcal{O}(2; \{24^2, 12, 6, 3, 2^4\})$	26542080
24	$\mathcal{O}(2; \{24^2, 12, 6, 3^4\})$	228261888
24	$\mathcal{O}(2; \{24^2, 12, 6, 4^2, 3, 2\})$	106168320
24	$\mathcal{O}(2; \{24^2, 12, 6^2, 3^2, 2\})$	111476736
24	$\mathcal{O}(2; \{24^2, 12, 6^3, 2^2\})$	58392576
24	$\mathcal{O}(2; \{24^2, 12, 8^2, 4, 2^2\})$	169869312
24	$\mathcal{O}(2; \{24^2, 12, 8^4\})$	1358954496
24	$\mathcal{O}(2; \{24^2, 12^2, 4, 3^2, 2\})$	233570304
24	$\mathcal{O}(2; \{24^2, 12^2, 6, 4, 2^2\})$	106168320
24	$\mathcal{O}(2; \{24^2, 12^2, 8^2, 6\})$	849346560
24	$\mathcal{O}(2; \{24^2, 12^3, 3, 2^2\})$	233570304
24	$\mathcal{O}(2; \{24^2, 12^3, 6^2\})$	445906944
24	$\mathcal{O}(2; \{24^2, 12^4, 4\})$	934281216
24	$\mathcal{O}(2; \{24^3, 8, 4, 3^2, 2\})$	424673280
24	$\mathcal{O}(2; \{24^3, 8, 6, 4, 2^2\})$	254803968
24	$\mathcal{O}(2; \{24^3, 8^3, 6\})$	2038431744
24	$\mathcal{O}(2; \{24^3, 12, 8, 3, 2^2\})$	424673280
24	$\mathcal{O}(2; \{24^3, 12, 8, 6^2\})$	934281216
24	$\mathcal{O}(2; \{24^3, 12^2, 8, 4\})$	1698693120
24	$\mathcal{O}(2; \{24^4, 2^5\})$	127401984

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(2; \{24^4, 3^3, 2\})$	891813888
24	$\mathcal{O}(2; \{24^4, 4^2, 2^2\})$	509607936
24	$\mathcal{O}(2; \{24^4, 6, 3, 2^2\})$	467140608
24	$\mathcal{O}(2; \{24^4, 6^3\})$	891813888
24	$\mathcal{O}(2; \{24^4, 8^2, 4\})$	4076863488
24	$\mathcal{O}(2; \{24^4, 12, 6, 4\})$	1868562432
24	$\mathcal{O}(2; \{24^4, 12^2, 3\})$	3567255552
24	$\mathcal{O}(2; \{24^5, 8, 3\})$	7474249728
24	$\mathcal{O}(1; \{3^2, 2^{14}\})$	864
24	$\mathcal{O}(1; \{3^5, 2^{10}\})$	4320
24	$\mathcal{O}(1; \{3^8, 2^6\})$	37152
24	$\mathcal{O}(1; \{3^{11}, 2^2\})$	294624
24	$\mathcal{O}(1; \{4^2, 3^2, 2^{11}\})$	1728
24	$\mathcal{O}(1; \{4^2, 3^5, 2^7\})$	8640
24	$\mathcal{O}(1; \{4^2, 3^8, 2^3\})$	74304
24	$\mathcal{O}(1; \{4^4, 3^2, 2^8\})$	6912
24	$\mathcal{O}(1; \{4^4, 3^5, 2^4\})$	34560
24	$\mathcal{O}(1; \{4^4, 3^8\})$	297216
24	$\mathcal{O}(1; \{4^6, 3^2, 2^5\})$	27648
24	$\mathcal{O}(1; \{4^6, 3^5, 2\})$	138240
24	$\mathcal{O}(1; \{4^8, 3^2, 2^2\})$	110592
24	$\mathcal{O}(1; \{6, 3^3, 2^{11}\})$	2592
24	$\mathcal{O}(1; \{6, 3^6, 2^7\})$	18144
24	$\mathcal{O}(1; \{6, 3^9, 2^3\})$	147744
24	$\mathcal{O}(1; \{6, 4^2, 3^3, 2^8\})$	5184
24	$\mathcal{O}(1; \{6, 4^2, 3^6, 2^4\})$	36288
24	$\mathcal{O}(1; \{6, 4^2, 3^9\})$	295488
24	$\mathcal{O}(1; \{6, 4^4, 3^3, 2^5\})$	20736
24	$\mathcal{O}(1; \{6, 4^4, 3^6, 2\})$	145152
24	$\mathcal{O}(1; \{6, 4^6, 3^3, 2^2\})$	82944
24	$\mathcal{O}(1; \{6^2, 3, 2^{12}\})$	864
24	$\mathcal{O}(1; \{6^2, 3^4, 2^8\})$	9504
24	$\mathcal{O}(1; \{6^2, 3^7, 2^4\})$	73440
24	$\mathcal{O}(1; \{6^2, 3^{10}\})$	590112
24	$\mathcal{O}(1; \{6^2, 4^2, 3, 2^9\})$	1728
24	$\mathcal{O}(1; \{6^2, 4^2, 3^4, 2^5\})$	19008
24	$\mathcal{O}(1; \{6^2, 4^2, 3^7, 2\})$	146880
24	$\mathcal{O}(1; \{6^2, 4^4, 3, 2^6\})$	6912
24	$\mathcal{O}(1; \{6^2, 4^4, 3^4, 2^2\})$	76032
24	$\mathcal{O}(1; \{6^2, 4^6, 3, 2^3\})$	27648
24	$\mathcal{O}(1; \{6^2, 4^8, 3\})$	110592
24	$\mathcal{O}(1; \{6^3, 3^2, 2^9\})$	4320
24	$\mathcal{O}(1; \{6^3, 3^5, 2^5\})$	37152

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{6^3, 3^8, 2\})$	294624
24	$\mathcal{O}(1; \{6^3, 4^2, 3^2, 2^6\})$	8640
24	$\mathcal{O}(1; \{6^3, 4^2, 3^5, 2^2\})$	74304
24	$\mathcal{O}(1; \{6^3, 4^4, 3^2, 2^3\})$	34560
24	$\mathcal{O}(1; \{6^3, 4^6, 3^2\})$	138240
24	$\mathcal{O}(1; \{6^4, 2^{10}\})$	2592
24	$\mathcal{O}(1; \{6^4, 3^3, 2^6\})$	18144
24	$\mathcal{O}(1; \{6^4, 3^6, 2^2\})$	147744
24	$\mathcal{O}(1; \{6^4, 4^2, 2^7\})$	5184
24	$\mathcal{O}(1; \{6^4, 4^2, 3^3, 2^3\})$	36288
24	$\mathcal{O}(1; \{6^4, 4^4, 2^4\})$	20736
24	$\mathcal{O}(1; \{6^4, 4^4, 3^3\})$	145152
24	$\mathcal{O}(1; \{6^4, 4^6, 2\})$	82944
24	$\mathcal{O}(1; \{6^5, 3, 2^7\})$	9504
24	$\mathcal{O}(1; \{6^5, 3^4, 2^3\})$	73440
24	$\mathcal{O}(1; \{6^5, 4^2, 3, 2^4\})$	19008
24	$\mathcal{O}(1; \{6^5, 4^2, 3^4\})$	146880
24	$\mathcal{O}(1; \{6^5, 4^4, 3, 2\})$	76032
24	$\mathcal{O}(1; \{6^6, 3^2, 2^4\})$	37152
24	$\mathcal{O}(1; \{6^6, 3^5\})$	294624
24	$\mathcal{O}(1; \{6^6, 4^2, 3^2, 2\})$	74304
24	$\mathcal{O}(1; \{6^7, 2^5\})$	18144
24	$\mathcal{O}(1; \{6^7, 3^3, 2\})$	147744
24	$\mathcal{O}(1; \{6^7, 4^2, 2^2\})$	36288
24	$\mathcal{O}(1; \{6^8, 3, 2^2\})$	73440
24	$\mathcal{O}(1; \{6^{10}\})$	147744
24	$\mathcal{O}(1; \{8^2, 4, 3^2, 2^9\})$	9216
24	$\mathcal{O}(1; \{8^2, 4, 3^5, 2^5\})$	46080
24	$\mathcal{O}(1; \{8^2, 4, 3^8, 2\})$	396288
24	$\mathcal{O}(1; \{8^2, 4^3, 3^2, 2^6\})$	36864
24	$\mathcal{O}(1; \{8^2, 4^3, 3^5, 2^2\})$	184320
24	$\mathcal{O}(1; \{8^2, 4^5, 3^2, 2^3\})$	147456
24	$\mathcal{O}(1; \{8^2, 4^7, 3^2\})$	589824
24	$\mathcal{O}(1; \{8^2, 6, 4, 3^3, 2^6\})$	27648
24	$\mathcal{O}(1; \{8^2, 6, 4, 3^6, 2^2\})$	193536
24	$\mathcal{O}(1; \{8^2, 6, 4^3, 3^3, 2^3\})$	110592
24	$\mathcal{O}(1; \{8^2, 6, 4^5, 3^3\})$	442368
24	$\mathcal{O}(1; \{8^2, 6^2, 4, 3, 2^7\})$	9216
24	$\mathcal{O}(1; \{8^2, 6^2, 4, 3^4, 2^3\})$	101376
24	$\mathcal{O}(1; \{8^2, 6^2, 4^3, 3, 2^4\})$	36864
24	$\mathcal{O}(1; \{8^2, 6^2, 4^3, 3^4\})$	405504
24	$\mathcal{O}(1; \{8^2, 6^2, 4^5, 3, 2\})$	147456
24	$\mathcal{O}(1; \{8^2, 6^3, 4, 3^2, 2^4\})$	46080

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{8^2, 6^3, 4, 3^5\})$	396288
24	$\mathcal{O}(1; \{8^2, 6^3, 4^3, 3^2, 2\})$	184320
24	$\mathcal{O}(1; \{8^2, 6^4, 4, 2^5\})$	27648
24	$\mathcal{O}(1; \{8^2, 6^4, 4, 3^3, 2\})$	193536
24	$\mathcal{O}(1; \{8^2, 6^4, 4^3, 2^2\})$	110592
24	$\mathcal{O}(1; \{8^2, 6^5, 4, 3, 2^2\})$	101376
24	$\mathcal{O}(1; \{8^2, 6^7, 4\})$	193536
24	$\mathcal{O}(1; \{8^4, 3^2, 2^7\})$	73728
24	$\mathcal{O}(1; \{8^4, 3^5, 2^3\})$	368640
24	$\mathcal{O}(1; \{8^4, 4^2, 3^2, 2^4\})$	294912
24	$\mathcal{O}(1; \{8^4, 4^2, 3^5\})$	1474560
24	$\mathcal{O}(1; \{8^4, 4^4, 3^2, 2\})$	1179648
24	$\mathcal{O}(1; \{8^4, 6, 3^3, 2^4\})$	221184
24	$\mathcal{O}(1; \{8^4, 6, 3^6\})$	1548288
24	$\mathcal{O}(1; \{8^4, 6, 4^2, 3^3, 2\})$	884736
24	$\mathcal{O}(1; \{8^4, 6^2, 3, 2^5\})$	73728
24	$\mathcal{O}(1; \{8^4, 6^2, 3^4, 2\})$	811008
24	$\mathcal{O}(1; \{8^4, 6^2, 4^2, 3, 2^2\})$	294912
24	$\mathcal{O}(1; \{8^4, 6^3, 3^2, 2^2\})$	368640
24	$\mathcal{O}(1; \{8^4, 6^4, 2^3\})$	221184
24	$\mathcal{O}(1; \{8^4, 6^4, 4^2\})$	884736
24	$\mathcal{O}(1; \{8^4, 6^5, 3\})$	811008
24	$\mathcal{O}(1; \{8^6, 4, 3^2, 2^2\})$	2359296
24	$\mathcal{O}(1; \{8^6, 6^2, 4, 3\})$	2359296
24	$\mathcal{O}(1; \{8^8, 3^2\})$	18874368
24	$\mathcal{O}(1; \{12, 4, 3, 2^{12}\})$	1728
24	$\mathcal{O}(1; \{12, 4, 3^4, 2^8\})$	8640
24	$\mathcal{O}(1; \{12, 4, 3^7, 2^4\})$	74304
24	$\mathcal{O}(1; \{12, 4, 3^{10}\})$	589248
24	$\mathcal{O}(1; \{12, 4^3, 3, 2^9\})$	6912
24	$\mathcal{O}(1; \{12, 4^3, 3^4, 2^5\})$	34560
24	$\mathcal{O}(1; \{12, 4^3, 3^7, 2\})$	297216
24	$\mathcal{O}(1; \{12, 4^5, 3, 2^6\})$	27648
24	$\mathcal{O}(1; \{12, 4^5, 3^4, 2^2\})$	138240
24	$\mathcal{O}(1; \{12, 4^7, 3, 2^3\})$	110592
24	$\mathcal{O}(1; \{12, 4^9, 3\})$	442368
24	$\mathcal{O}(1; \{12, 6, 4, 3^2, 2^9\})$	5184
24	$\mathcal{O}(1; \{12, 6, 4, 3^5, 2^5\})$	36288
24	$\mathcal{O}(1; \{12, 6, 4, 3^8, 2\})$	295488
24	$\mathcal{O}(1; \{12, 6, 4^3, 3^2, 2^6\})$	20736
24	$\mathcal{O}(1; \{12, 6, 4^3, 3^5, 2^2\})$	145152
24	$\mathcal{O}(1; \{12, 6, 4^5, 3^2, 2^3\})$	82944
24	$\mathcal{O}(1; \{12, 6, 4^7, 3^2\})$	331776

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{12, 6^2, 4, 2^{10}\})$	1728
24	$\mathcal{O}(1; \{12, 6^2, 4, 3^3, 2^6\})$	19008
24	$\mathcal{O}(1; \{12, 6^2, 4, 3^6, 2^2\})$	146880
24	$\mathcal{O}(1; \{12, 6^2, 4^3, 2^7\})$	6912
24	$\mathcal{O}(1; \{12, 6^2, 4^3, 3^3, 2^3\})$	76032
24	$\mathcal{O}(1; \{12, 6^2, 4^5, 2^4\})$	27648
24	$\mathcal{O}(1; \{12, 6^2, 4^5, 3^3\})$	304128
24	$\mathcal{O}(1; \{12, 6^2, 4^7, 2\})$	110592
24	$\mathcal{O}(1; \{12, 6^3, 4, 3, 2^7\})$	8640
24	$\mathcal{O}(1; \{12, 6^3, 4, 3^4, 2^3\})$	74304
24	$\mathcal{O}(1; \{12, 6^3, 4^3, 3, 2^4\})$	34560
24	$\mathcal{O}(1; \{12, 6^3, 4^3, 3^4\})$	297216
24	$\mathcal{O}(1; \{12, 6^3, 4^5, 3, 2\})$	138240
24	$\mathcal{O}(1; \{12, 6^4, 4, 3^2, 2^4\})$	36288
24	$\mathcal{O}(1; \{12, 6^4, 4, 3^5\})$	295488
24	$\mathcal{O}(1; \{12, 6^4, 4^3, 3^2, 2\})$	145152
24	$\mathcal{O}(1; \{12, 6^5, 4, 2^5\})$	19008
24	$\mathcal{O}(1; \{12, 6^5, 4, 3^3, 2\})$	146880
24	$\mathcal{O}(1; \{12, 6^5, 4^3, 2^2\})$	76032
24	$\mathcal{O}(1; \{12, 6^6, 4, 3, 2^2\})$	74304
24	$\mathcal{O}(1; \{12, 6^8, 4\})$	146880
24	$\mathcal{O}(1; \{12, 8^2, 3, 2^{10}\})$	9216
24	$\mathcal{O}(1; \{12, 8^2, 3^4, 2^6\})$	46080
24	$\mathcal{O}(1; \{12, 8^2, 3^7, 2^2\})$	396288
24	$\mathcal{O}(1; \{12, 8^2, 4^2, 3, 2^7\})$	36864
24	$\mathcal{O}(1; \{12, 8^2, 4^2, 3^4, 2^3\})$	184320
24	$\mathcal{O}(1; \{12, 8^2, 4^4, 3, 2^4\})$	147456
24	$\mathcal{O}(1; \{12, 8^2, 4^4, 3^4\})$	737280
24	$\mathcal{O}(1; \{12, 8^2, 4^6, 3, 2\})$	589824
24	$\mathcal{O}(1; \{12, 8^2, 6, 3^2, 2^7\})$	27648
24	$\mathcal{O}(1; \{12, 8^2, 6, 3^5, 2^3\})$	193536
24	$\mathcal{O}(1; \{12, 8^2, 6, 4^2, 3^2, 2^4\})$	110592
24	$\mathcal{O}(1; \{12, 8^2, 6, 4^2, 3^5\})$	774144
24	$\mathcal{O}(1; \{12, 8^2, 6, 4^4, 3^2, 2\})$	442368
24	$\mathcal{O}(1; \{12, 8^2, 6^2, 2^8\})$	9216
24	$\mathcal{O}(1; \{12, 8^2, 6^2, 3^3, 2^4\})$	101376
24	$\mathcal{O}(1; \{12, 8^2, 6^2, 3^6\})$	783360
24	$\mathcal{O}(1; \{12, 8^2, 6^2, 4^2, 2^5\})$	36864
24	$\mathcal{O}(1; \{12, 8^2, 6^2, 4^2, 3^3, 2\})$	405504
24	$\mathcal{O}(1; \{12, 8^2, 6^2, 4^4, 2^2\})$	147456
24	$\mathcal{O}(1; \{12, 8^2, 6^3, 3, 2^5\})$	46080
24	$\mathcal{O}(1; \{12, 8^2, 6^3, 3^4, 2\})$	396288
24	$\mathcal{O}(1; \{12, 8^2, 6^3, 4^2, 3, 2^2\})$	184320

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{12, 8^2, 6^4, 3^2, 2^2\})$	193536
24	$\mathcal{O}(1; \{12, 8^2, 6^5, 2^3\})$	101376
24	$\mathcal{O}(1; \{12, 8^2, 6^5, 4^2\})$	405504
24	$\mathcal{O}(1; \{12, 8^2, 6^6, 3\})$	396288
24	$\mathcal{O}(1; \{12, 8^4, 4, 3, 2^5\})$	294912
24	$\mathcal{O}(1; \{12, 8^4, 4, 3^4, 2\})$	1474560
24	$\mathcal{O}(1; \{12, 8^4, 4^3, 3, 2^2\})$	1179648
24	$\mathcal{O}(1; \{12, 8^4, 6, 4, 3^2, 2^2\})$	884736
24	$\mathcal{O}(1; \{12, 8^4, 6^2, 4, 2^3\})$	294912
24	$\mathcal{O}(1; \{12, 8^4, 6^2, 4^3\})$	1179648
24	$\mathcal{O}(1; \{12, 8^4, 6^3, 4, 3\})$	1474560
24	$\mathcal{O}(1; \{12, 8^6, 3, 2^3\})$	2359296
24	$\mathcal{O}(1; \{12, 8^6, 4^2, 3\})$	9437184
24	$\mathcal{O}(1; \{12, 8^6, 6, 3^2\})$	7077888
24	$\mathcal{O}(1; \{12, 8^6, 6^2, 2\})$	2359296
24	$\mathcal{O}(1; \{12^2, 2^{13}\})$	1728
24	$\mathcal{O}(1; \{12^2, 3^3, 2^9\})$	8640
24	$\mathcal{O}(1; \{12^2, 3^6, 2^5\})$	74304
24	$\mathcal{O}(1; \{12^2, 3^9, 2\})$	589248
24	$\mathcal{O}(1; \{12^2, 4^2, 2^{10}\})$	6912
24	$\mathcal{O}(1; \{12^2, 4^2, 3^3, 2^6\})$	34560
24	$\mathcal{O}(1; \{12^2, 4^2, 3^6, 2^2\})$	297216
24	$\mathcal{O}(1; \{12^2, 4^4, 2^7\})$	27648
24	$\mathcal{O}(1; \{12^2, 4^4, 3^3, 2^3\})$	138240
24	$\mathcal{O}(1; \{12^2, 4^6, 2^4\})$	110592
24	$\mathcal{O}(1; \{12^2, 4^6, 3^3\})$	552960
24	$\mathcal{O}(1; \{12^2, 4^8, 2\})$	442368
24	$\mathcal{O}(1; \{12^2, 6, 3, 2^{10}\})$	5184
24	$\mathcal{O}(1; \{12^2, 6, 3^4, 2^6\})$	36288
24	$\mathcal{O}(1; \{12^2, 6, 3^7, 2^2\})$	295488
24	$\mathcal{O}(1; \{12^2, 6, 4^2, 3, 2^7\})$	20736
24	$\mathcal{O}(1; \{12^2, 6, 4^2, 3^4, 2^3\})$	145152
24	$\mathcal{O}(1; \{12^2, 6, 4^4, 3, 2^4\})$	82944
24	$\mathcal{O}(1; \{12^2, 6, 4^4, 3^4\})$	580608
24	$\mathcal{O}(1; \{12^2, 6, 4^6, 3, 2\})$	331776
24	$\mathcal{O}(1; \{12^2, 6^2, 3^2, 2^7\})$	19008
24	$\mathcal{O}(1; \{12^2, 6^2, 3^5, 2^3\})$	146880
24	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^2, 2^4\})$	76032
24	$\mathcal{O}(1; \{12^2, 6^2, 4^2, 3^5\})$	587520
24	$\mathcal{O}(1; \{12^2, 6^2, 4^4, 3^2, 2\})$	304128
24	$\mathcal{O}(1; \{12^2, 6^3, 2^8\})$	8640
24	$\mathcal{O}(1; \{12^2, 6^3, 3^3, 2^4\})$	74304
24	$\mathcal{O}(1; \{12^2, 6^3, 3^6\})$	589248

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 2^5\})$	34560
24	$\mathcal{O}(1; \{12^2, 6^3, 4^2, 3^3, 2\})$	297216
24	$\mathcal{O}(1; \{12^2, 6^3, 4^4, 2^2\})$	138240
24	$\mathcal{O}(1; \{12^2, 6^4, 3, 2^5\})$	36288
24	$\mathcal{O}(1; \{12^2, 6^4, 3^4, 2\})$	295488
24	$\mathcal{O}(1; \{12^2, 6^4, 4^2, 3, 2^2\})$	145152
24	$\mathcal{O}(1; \{12^2, 6^5, 3^2, 2^2\})$	146880
24	$\mathcal{O}(1; \{12^2, 6^6, 2^3\})$	74304
24	$\mathcal{O}(1; \{12^2, 6^6, 4^2\})$	297216
24	$\mathcal{O}(1; \{12^2, 6^7, 3\})$	295488
24	$\mathcal{O}(1; \{12^2, 8^2, 4, 2^8\})$	36864
24	$\mathcal{O}(1; \{12^2, 8^2, 4, 3^3, 2^4\})$	184320
24	$\mathcal{O}(1; \{12^2, 8^2, 4, 3^6\})$	1585152
24	$\mathcal{O}(1; \{12^2, 8^2, 4^3, 2^5\})$	147456
24	$\mathcal{O}(1; \{12^2, 8^2, 4^3, 3^3, 2\})$	737280
24	$\mathcal{O}(1; \{12^2, 8^2, 4^5, 2^2\})$	589824
24	$\mathcal{O}(1; \{12^2, 8^2, 6, 4, 3, 2^5\})$	110592
24	$\mathcal{O}(1; \{12^2, 8^2, 6, 4, 3^4, 2\})$	774144
24	$\mathcal{O}(1; \{12^2, 8^2, 6, 4^3, 3, 2^2\})$	442368
24	$\mathcal{O}(1; \{12^2, 8^2, 6^2, 4, 3^2, 2^2\})$	405504
24	$\mathcal{O}(1; \{12^2, 8^2, 6^3, 4, 2^3\})$	184320
24	$\mathcal{O}(1; \{12^2, 8^2, 6^3, 4^3\})$	737280
24	$\mathcal{O}(1; \{12^2, 8^2, 6^4, 4, 3\})$	774144
24	$\mathcal{O}(1; \{12^2, 8^4, 2^6\})$	294912
24	$\mathcal{O}(1; \{12^2, 8^4, 3^3, 2^2\})$	1474560
24	$\mathcal{O}(1; \{12^2, 8^4, 4^2, 2^3\})$	1179648
24	$\mathcal{O}(1; \{12^2, 8^4, 4^4\})$	4718592
24	$\mathcal{O}(1; \{12^2, 8^4, 6, 3, 2^3\})$	884736
24	$\mathcal{O}(1; \{12^2, 8^4, 6, 4^2, 3\})$	3538944
24	$\mathcal{O}(1; \{12^2, 8^4, 6^2, 3^2\})$	3244032
24	$\mathcal{O}(1; \{12^2, 8^4, 6^3, 2\})$	1474560
24	$\mathcal{O}(1; \{12^2, 8^6, 4, 2\})$	9437184
24	$\mathcal{O}(1; \{12^3, 4, 3^2, 2^7\})$	34560
24	$\mathcal{O}(1; \{12^3, 4, 3^5, 2^3\})$	297216
24	$\mathcal{O}(1; \{12^3, 4^3, 3^2, 2^4\})$	138240
24	$\mathcal{O}(1; \{12^3, 4^3, 3^5\})$	1188864
24	$\mathcal{O}(1; \{12^3, 4^5, 3^2, 2\})$	552960
24	$\mathcal{O}(1; \{12^3, 6, 4, 2^8\})$	20736
24	$\mathcal{O}(1; \{12^3, 6, 4, 3^3, 2^4\})$	145152
24	$\mathcal{O}(1; \{12^3, 6, 4, 3^6\})$	1181952
24	$\mathcal{O}(1; \{12^3, 6, 4^3, 2^5\})$	82944
24	$\mathcal{O}(1; \{12^3, 6, 4^3, 3^3, 2\})$	580608
24	$\mathcal{O}(1; \{12^3, 6, 4^5, 2^2\})$	331776

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{12^3, 6^2, 4, 3, 2^5\})$	76032
24	$\mathcal{O}(1; \{12^3, 6^2, 4, 3^4, 2\})$	587520
24	$\mathcal{O}(1; \{12^3, 6^2, 4^3, 3, 2^2\})$	304128
24	$\mathcal{O}(1; \{12^3, 6^3, 4, 3^2, 2^2\})$	297216
24	$\mathcal{O}(1; \{12^3, 6^4, 4, 2^3\})$	145152
24	$\mathcal{O}(1; \{12^3, 6^4, 4^3\})$	580608
24	$\mathcal{O}(1; \{12^3, 6^5, 4, 3\})$	587520
24	$\mathcal{O}(1; \{12^3, 8^2, 3^2, 2^5\})$	184320
24	$\mathcal{O}(1; \{12^3, 8^2, 3^5, 2\})$	1585152
24	$\mathcal{O}(1; \{12^3, 8^2, 4^2, 3^2, 2^2\})$	737280
24	$\mathcal{O}(1; \{12^3, 8^2, 6, 2^6\})$	110592
24	$\mathcal{O}(1; \{12^3, 8^2, 6, 3^3, 2^2\})$	774144
24	$\mathcal{O}(1; \{12^3, 8^2, 6, 4^2, 2^3\})$	442368
24	$\mathcal{O}(1; \{12^3, 8^2, 6, 4^4\})$	1769472
24	$\mathcal{O}(1; \{12^3, 8^2, 6^2, 3, 2^3\})$	405504
24	$\mathcal{O}(1; \{12^3, 8^2, 6^2, 4^2, 3\})$	1622016
24	$\mathcal{O}(1; \{12^3, 8^2, 6^3, 3^2\})$	1585152
24	$\mathcal{O}(1; \{12^3, 8^2, 6^4, 2\})$	774144
24	$\mathcal{O}(1; \{12^3, 8^4, 4, 3^2\})$	5898240
24	$\mathcal{O}(1; \{12^3, 8^4, 6, 4, 2\})$	3538944
24	$\mathcal{O}(1; \{12^4, 3, 2^8\})$	34560
24	$\mathcal{O}(1; \{12^4, 3^4, 2^4\})$	297216
24	$\mathcal{O}(1; \{12^4, 3^7\})$	2356992
24	$\mathcal{O}(1; \{12^4, 4^2, 3, 2^5\})$	138240
24	$\mathcal{O}(1; \{12^4, 4^2, 3^4, 2\})$	1188864
24	$\mathcal{O}(1; \{12^4, 4^4, 3, 2^2\})$	552960
24	$\mathcal{O}(1; \{12^4, 6, 3^2, 2^5\})$	145152
24	$\mathcal{O}(1; \{12^4, 6, 3^5, 2\})$	1181952
24	$\mathcal{O}(1; \{12^4, 6, 4^2, 3^2, 2^2\})$	580608
24	$\mathcal{O}(1; \{12^4, 6^2, 2^6\})$	76032
24	$\mathcal{O}(1; \{12^4, 6^2, 3^3, 2^2\})$	587520
24	$\mathcal{O}(1; \{12^4, 6^2, 4^2, 2^3\})$	304128
24	$\mathcal{O}(1; \{12^4, 6^2, 4^4\})$	1216512
24	$\mathcal{O}(1; \{12^4, 6^3, 3, 2^3\})$	297216
24	$\mathcal{O}(1; \{12^4, 6^3, 4^2, 3\})$	1188864
24	$\mathcal{O}(1; \{12^4, 6^4, 3^2\})$	1181952
24	$\mathcal{O}(1; \{12^4, 6^5, 2\})$	587520
24	$\mathcal{O}(1; \{12^4, 8^2, 4, 3, 2^3\})$	737280
24	$\mathcal{O}(1; \{12^4, 8^2, 4^3, 3\})$	2949120
24	$\mathcal{O}(1; \{12^4, 8^2, 6, 4, 3^2\})$	3096576
24	$\mathcal{O}(1; \{12^4, 8^2, 6^2, 4, 2\})$	1622016
24	$\mathcal{O}(1; \{12^4, 8^4, 3, 2\})$	5898240
24	$\mathcal{O}(1; \{12^5, 4, 2^6\})$	138240

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{12^5, 4, 3^3, 2^2\})$	1188864
24	$\mathcal{O}(1; \{12^5, 4^3, 2^3\})$	552960
24	$\mathcal{O}(1; \{12^5, 4^5\})$	2211840
24	$\mathcal{O}(1; \{12^5, 6, 4, 3, 2^3\})$	580608
24	$\mathcal{O}(1; \{12^5, 6, 4^3, 3\})$	2322432
24	$\mathcal{O}(1; \{12^5, 6^2, 4, 3^2\})$	2350080
24	$\mathcal{O}(1; \{12^5, 6^3, 4, 2\})$	1188864
24	$\mathcal{O}(1; \{12^5, 8^2, 2^4\})$	737280
24	$\mathcal{O}(1; \{12^5, 8^2, 3^3\})$	6340608
24	$\mathcal{O}(1; \{12^5, 8^2, 4^2, 2\})$	2949120
24	$\mathcal{O}(1; \{12^5, 8^2, 6, 3, 2\})$	3096576
24	$\mathcal{O}(1; \{12^6, 3^2, 2^3\})$	1188864
24	$\mathcal{O}(1; \{12^6, 4^2, 3^2\})$	4755456
24	$\mathcal{O}(1; \{12^6, 6, 2^4\})$	580608
24	$\mathcal{O}(1; \{12^6, 6, 3^3\})$	4727808
24	$\mathcal{O}(1; \{12^6, 6, 4^2, 2\})$	2322432
24	$\mathcal{O}(1; \{12^6, 6^2, 3, 2\})$	2350080
24	$\mathcal{O}(1; \{12^7, 4, 3, 2\})$	4755456
24	$\mathcal{O}(1; \{12^8, 2^2\})$	4755456
24	$\mathcal{O}(1; \{24, 8, 3^3, 2^9\})$	13824
24	$\mathcal{O}(1; \{24, 8, 3^6, 2^5\})$	96768
24	$\mathcal{O}(1; \{24, 8, 3^9, 2\})$	787968
24	$\mathcal{O}(1; \{24, 8, 4^2, 3^3, 2^6\})$	55296
24	$\mathcal{O}(1; \{24, 8, 4^2, 3^6, 2^2\})$	387072
24	$\mathcal{O}(1; \{24, 8, 4^4, 3^3, 2^3\})$	221184
24	$\mathcal{O}(1; \{24, 8, 4^6, 3^3\})$	884736
24	$\mathcal{O}(1; \{24, 8, 6, 3, 2^{10}\})$	4608
24	$\mathcal{O}(1; \{24, 8, 6, 3^4, 2^6\})$	50688
24	$\mathcal{O}(1; \{24, 8, 6, 3^7, 2^2\})$	391680
24	$\mathcal{O}(1; \{24, 8, 6, 4^2, 3, 2^7\})$	18432
24	$\mathcal{O}(1; \{24, 8, 6, 4^2, 3^4, 2^3\})$	202752
24	$\mathcal{O}(1; \{24, 8, 6, 4^4, 3, 2^4\})$	73728
24	$\mathcal{O}(1; \{24, 8, 6, 4^4, 3^4\})$	811008
24	$\mathcal{O}(1; \{24, 8, 6, 4^6, 3, 2\})$	294912
24	$\mathcal{O}(1; \{24, 8, 6^2, 3^2, 2^7\})$	23040
24	$\mathcal{O}(1; \{24, 8, 6^2, 3^5, 2^3\})$	198144
24	$\mathcal{O}(1; \{24, 8, 6^2, 4^2, 3^2, 2^4\})$	92160
24	$\mathcal{O}(1; \{24, 8, 6^2, 4^2, 3^5\})$	792576
24	$\mathcal{O}(1; \{24, 8, 6^2, 4^4, 3^2, 2\})$	368640
24	$\mathcal{O}(1; \{24, 8, 6^3, 2^8\})$	13824
24	$\mathcal{O}(1; \{24, 8, 6^3, 3^3, 2^4\})$	96768
24	$\mathcal{O}(1; \{24, 8, 6^3, 3^6\})$	787968
24	$\mathcal{O}(1; \{24, 8, 6^3, 4^2, 2^5\})$	55296

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24, 8, 6^3, 4^2, 3^3, 2\})$	387072
24	$\mathcal{O}(1; \{24, 8, 6^3, 4^4, 2^2\})$	221184
24	$\mathcal{O}(1; \{24, 8, 6^4, 3, 2^5\})$	50688
24	$\mathcal{O}(1; \{24, 8, 6^4, 3^4, 2\})$	391680
24	$\mathcal{O}(1; \{24, 8, 6^4, 4^2, 3, 2^2\})$	202752
24	$\mathcal{O}(1; \{24, 8, 6^5, 3^2, 2^2\})$	198144
24	$\mathcal{O}(1; \{24, 8, 6^6, 2^3\})$	96768
24	$\mathcal{O}(1; \{24, 8, 6^6, 4^2\})$	387072
24	$\mathcal{O}(1; \{24, 8, 6^7, 3\})$	391680
24	$\mathcal{O}(1; \{24, 8^3, 4, 3^3, 2^4\})$	442368
24	$\mathcal{O}(1; \{24, 8^3, 4, 3^6\})$	3096576
24	$\mathcal{O}(1; \{24, 8^3, 4^3, 3^3, 2\})$	1769472
24	$\mathcal{O}(1; \{24, 8^3, 6, 4, 3, 2^5\})$	147456
24	$\mathcal{O}(1; \{24, 8^3, 6, 4, 3^4, 2\})$	1622016
24	$\mathcal{O}(1; \{24, 8^3, 6, 4^3, 3, 2^2\})$	589824
24	$\mathcal{O}(1; \{24, 8^3, 6^2, 4, 3^2, 2^2\})$	737280
24	$\mathcal{O}(1; \{24, 8^3, 6^3, 4, 2^3\})$	442368
24	$\mathcal{O}(1; \{24, 8^3, 6^3, 4^3\})$	1769472
24	$\mathcal{O}(1; \{24, 8^3, 6^4, 4, 3\})$	1622016
24	$\mathcal{O}(1; \{24, 8^5, 3^3, 2^2\})$	3538944
24	$\mathcal{O}(1; \{24, 8^5, 6, 3, 2^3\})$	1179648
24	$\mathcal{O}(1; \{24, 8^5, 6, 4^2, 3\})$	4718592
24	$\mathcal{O}(1; \{24, 8^5, 6^2, 3^2\})$	5898240
24	$\mathcal{O}(1; \{24, 8^5, 6^3, 2\})$	3538944
24	$\mathcal{O}(1; \{24, 12, 8, 4, 3^2, 2^7\})$	55296
24	$\mathcal{O}(1; \{24, 12, 8, 4, 3^5, 2^3\})$	387072
24	$\mathcal{O}(1; \{24, 12, 8, 4^3, 3^2, 2^4\})$	221184
24	$\mathcal{O}(1; \{24, 12, 8, 4^3, 3^5\})$	1548288
24	$\mathcal{O}(1; \{24, 12, 8, 4^5, 3^2, 2\})$	884736
24	$\mathcal{O}(1; \{24, 12, 8, 6, 4, 2^8\})$	18432
24	$\mathcal{O}(1; \{24, 12, 8, 6, 4, 3^3, 2^4\})$	202752
24	$\mathcal{O}(1; \{24, 12, 8, 6, 4, 3^6\})$	1566720
24	$\mathcal{O}(1; \{24, 12, 8, 6, 4^3, 2^5\})$	73728
24	$\mathcal{O}(1; \{24, 12, 8, 6, 4^3, 3^3, 2\})$	811008
24	$\mathcal{O}(1; \{24, 12, 8, 6, 4^5, 2^2\})$	294912
24	$\mathcal{O}(1; \{24, 12, 8, 6^2, 4, 3, 2^5\})$	92160
24	$\mathcal{O}(1; \{24, 12, 8, 6^2, 4, 3^4, 2\})$	792576
24	$\mathcal{O}(1; \{24, 12, 8, 6^2, 4^3, 3, 2^2\})$	368640
24	$\mathcal{O}(1; \{24, 12, 8, 6^3, 4, 3^2, 2^2\})$	387072
24	$\mathcal{O}(1; \{24, 12, 8, 6^4, 4, 2^3\})$	202752
24	$\mathcal{O}(1; \{24, 12, 8, 6^4, 4^3\})$	811008
24	$\mathcal{O}(1; \{24, 12, 8, 6^5, 4, 3\})$	792576
24	$\mathcal{O}(1; \{24, 12, 8^3, 3^2, 2^5\})$	442368

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24, 12, 8^3, 3^5, 2\})$	3096576
24	$\mathcal{O}(1; \{24, 12, 8^3, 4^2, 3^2, 2^2\})$	1769472
24	$\mathcal{O}(1; \{24, 12, 8^3, 6, 2^6\})$	147456
24	$\mathcal{O}(1; \{24, 12, 8^3, 6, 3^3, 2^2\})$	1622016
24	$\mathcal{O}(1; \{24, 12, 8^3, 6, 4^2, 2^3\})$	589824
24	$\mathcal{O}(1; \{24, 12, 8^3, 6, 4^4\})$	2359296
24	$\mathcal{O}(1; \{24, 12, 8^3, 6^2, 3, 2^3\})$	737280
24	$\mathcal{O}(1; \{24, 12, 8^3, 6^2, 4^2, 3\})$	2949120
24	$\mathcal{O}(1; \{24, 12, 8^3, 6^3, 3^2\})$	3096576
24	$\mathcal{O}(1; \{24, 12, 8^3, 6^4, 2\})$	1622016
24	$\mathcal{O}(1; \{24, 12, 8^5, 4, 3^2\})$	14155776
24	$\mathcal{O}(1; \{24, 12, 8^5, 6, 4, 2\})$	4718592
24	$\mathcal{O}(1; \{24, 12^2, 8, 3, 2^8\})$	55296
24	$\mathcal{O}(1; \{24, 12^2, 8, 3^4, 2^4\})$	387072
24	$\mathcal{O}(1; \{24, 12^2, 8, 3^7\})$	3151872
24	$\mathcal{O}(1; \{24, 12^2, 8, 4^2, 3, 2^5\})$	221184
24	$\mathcal{O}(1; \{24, 12^2, 8, 4^2, 3^4, 2\})$	1548288
24	$\mathcal{O}(1; \{24, 12^2, 8, 4^4, 3, 2^2\})$	884736
24	$\mathcal{O}(1; \{24, 12^2, 8, 6, 3^2, 2^5\})$	202752
24	$\mathcal{O}(1; \{24, 12^2, 8, 6, 3^5, 2\})$	1566720
24	$\mathcal{O}(1; \{24, 12^2, 8, 6, 4^2, 3^2, 2^2\})$	811008
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^2, 2^6\})$	92160
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^2, 3^3, 2^2\})$	792576
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^2, 4^2, 2^3\})$	368640
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^2, 4^4\})$	1474560
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^3, 3, 2^3\})$	387072
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^3, 4^2, 3\})$	1548288
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^4, 3^2\})$	1566720
24	$\mathcal{O}(1; \{24, 12^2, 8, 6^5, 2\})$	792576
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 4, 3, 2^3\})$	1769472
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 4^3, 3\})$	7077888
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 6, 4, 3^2\})$	6488064
24	$\mathcal{O}(1; \{24, 12^2, 8^3, 6^2, 4, 2\})$	2949120
24	$\mathcal{O}(1; \{24, 12^2, 8^5, 3, 2\})$	14155776
24	$\mathcal{O}(1; \{24, 12^3, 8, 4, 2^6\})$	221184
24	$\mathcal{O}(1; \{24, 12^3, 8, 4, 3^3, 2^2\})$	1548288
24	$\mathcal{O}(1; \{24, 12^3, 8, 4^3, 2^3\})$	884736
24	$\mathcal{O}(1; \{24, 12^3, 8, 4^5\})$	3538944
24	$\mathcal{O}(1; \{24, 12^3, 8, 6, 4, 3, 2^3\})$	811008
24	$\mathcal{O}(1; \{24, 12^3, 8, 6, 4^3, 3\})$	3244032
24	$\mathcal{O}(1; \{24, 12^3, 8, 6^2, 4, 3^2\})$	3170304
24	$\mathcal{O}(1; \{24, 12^3, 8, 6^3, 4, 2\})$	1548288
24	$\mathcal{O}(1; \{24, 12^3, 8^3, 2^4\})$	1769472

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24, 12^3, 8^3, 3^3\})$	12386304
24	$\mathcal{O}(1; \{24, 12^3, 8^3, 4^2, 2\})$	7077888
24	$\mathcal{O}(1; \{24, 12^3, 8^3, 6, 3, 2\})$	6488064
24	$\mathcal{O}(1; \{24, 12^4, 8, 3^2, 2^3\})$	1548288
24	$\mathcal{O}(1; \{24, 12^4, 8, 4^2, 3^2\})$	6193152
24	$\mathcal{O}(1; \{24, 12^4, 8, 6, 2^4\})$	811008
24	$\mathcal{O}(1; \{24, 12^4, 8, 6, 3^3\})$	6266880
24	$\mathcal{O}(1; \{24, 12^4, 8, 6, 4^2, 2\})$	3244032
24	$\mathcal{O}(1; \{24, 12^4, 8, 6^2, 3, 2\})$	3170304
24	$\mathcal{O}(1; \{24, 12^5, 8, 4, 3, 2\})$	6193152
24	$\mathcal{O}(1; \{24, 12^6, 8, 2^2\})$	6193152
24	$\mathcal{O}(1; \{24^2, 4, 3, 2^{10}\})$	9216
24	$\mathcal{O}(1; \{24^2, 4, 3^4, 2^6\})$	101376
24	$\mathcal{O}(1; \{24^2, 4, 3^7, 2^2\})$	783360
24	$\mathcal{O}(1; \{24^2, 4^3, 3, 2^7\})$	36864
24	$\mathcal{O}(1; \{24^2, 4^3, 3^4, 2^3\})$	405504
24	$\mathcal{O}(1; \{24^2, 4^5, 3, 2^4\})$	147456
24	$\mathcal{O}(1; \{24^2, 4^5, 3^4\})$	1622016
24	$\mathcal{O}(1; \{24^2, 4^7, 3, 2\})$	589824
24	$\mathcal{O}(1; \{24^2, 6, 4, 3^2, 2^7\})$	46080
24	$\mathcal{O}(1; \{24^2, 6, 4, 3^5, 2^3\})$	396288
24	$\mathcal{O}(1; \{24^2, 6, 4^3, 3^2, 2^4\})$	184320
24	$\mathcal{O}(1; \{24^2, 6, 4^3, 3^5\})$	1585152
24	$\mathcal{O}(1; \{24^2, 6, 4^5, 3^2, 2\})$	737280
24	$\mathcal{O}(1; \{24^2, 6^2, 4, 2^8\})$	27648
24	$\mathcal{O}(1; \{24^2, 6^2, 4, 3^3, 2^4\})$	193536
24	$\mathcal{O}(1; \{24^2, 6^2, 4, 3^6\})$	1575936
24	$\mathcal{O}(1; \{24^2, 6^2, 4^3, 2^5\})$	110592
24	$\mathcal{O}(1; \{24^2, 6^2, 4^3, 3^3, 2\})$	774144
24	$\mathcal{O}(1; \{24^2, 6^2, 4^5, 2^2\})$	442368
24	$\mathcal{O}(1; \{24^2, 6^3, 4, 3, 2^5\})$	101376
24	$\mathcal{O}(1; \{24^2, 6^3, 4, 3^4, 2\})$	783360
24	$\mathcal{O}(1; \{24^2, 6^3, 4^3, 3, 2^2\})$	405504
24	$\mathcal{O}(1; \{24^2, 6^4, 4, 3^2, 2^2\})$	396288
24	$\mathcal{O}(1; \{24^2, 6^5, 4, 2^3\})$	193536
24	$\mathcal{O}(1; \{24^2, 6^5, 4^3\})$	774144
24	$\mathcal{O}(1; \{24^2, 6^6, 4, 3\})$	783360
24	$\mathcal{O}(1; \{24^2, 8^2, 3, 2^8\})$	73728
24	$\mathcal{O}(1; \{24^2, 8^2, 3^4, 2^4\})$	811008
24	$\mathcal{O}(1; \{24^2, 8^2, 3^7\})$	6266880
24	$\mathcal{O}(1; \{24^2, 8^2, 4^2, 3, 2^5\})$	294912
24	$\mathcal{O}(1; \{24^2, 8^2, 4^2, 3^4, 2\})$	3244032
24	$\mathcal{O}(1; \{24^2, 8^2, 4^4, 3, 2^2\})$	1179648

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^2, 8^2, 6, 3^2, 2^5\})$	368640
24	$\mathcal{O}(1; \{24^2, 8^2, 6, 3^5, 2\})$	3170304
24	$\mathcal{O}(1; \{24^2, 8^2, 6, 4^2, 3^2, 2^2\})$	1474560
24	$\mathcal{O}(1; \{24^2, 8^2, 6^2, 2^6\})$	221184
24	$\mathcal{O}(1; \{24^2, 8^2, 6^2, 3^3, 2^2\})$	1548288
24	$\mathcal{O}(1; \{24^2, 8^2, 6^2, 4^2, 2^3\})$	884736
24	$\mathcal{O}(1; \{24^2, 8^2, 6^2, 4^4\})$	3538944
24	$\mathcal{O}(1; \{24^2, 8^2, 6^3, 3, 2^3\})$	811008
24	$\mathcal{O}(1; \{24^2, 8^2, 6^3, 4^2, 3\})$	3244032
24	$\mathcal{O}(1; \{24^2, 8^2, 6^4, 3^2\})$	3170304
24	$\mathcal{O}(1; \{24^2, 8^2, 6^5, 2\})$	1548288
24	$\mathcal{O}(1; \{24^2, 8^4, 4, 3, 2^3\})$	2359296
24	$\mathcal{O}(1; \{24^2, 8^4, 4^3, 3\})$	9437184
24	$\mathcal{O}(1; \{24^2, 8^4, 6, 4, 3^2\})$	11796480
24	$\mathcal{O}(1; \{24^2, 8^4, 6^2, 4, 2\})$	7077888
24	$\mathcal{O}(1; \{24^2, 8^6, 3, 2\})$	18874368
24	$\mathcal{O}(1; \{24^2, 12, 2^{11}\})$	9216
24	$\mathcal{O}(1; \{24^2, 12, 3^3, 2^7\})$	101376
24	$\mathcal{O}(1; \{24^2, 12, 3^6, 2^3\})$	783360
24	$\mathcal{O}(1; \{24^2, 12, 4^2, 2^8\})$	36864
24	$\mathcal{O}(1; \{24^2, 12, 4^2, 3^3, 2^4\})$	405504
24	$\mathcal{O}(1; \{24^2, 12, 4^2, 3^6\})$	3133440
24	$\mathcal{O}(1; \{24^2, 12, 4^4, 2^5\})$	147456
24	$\mathcal{O}(1; \{24^2, 12, 4^4, 3^3, 2\})$	1622016
24	$\mathcal{O}(1; \{24^2, 12, 4^6, 2^2\})$	589824
24	$\mathcal{O}(1; \{24^2, 12, 6, 3, 2^8\})$	46080
24	$\mathcal{O}(1; \{24^2, 12, 6, 3^4, 2^4\})$	396288
24	$\mathcal{O}(1; \{24^2, 12, 6, 3^7\})$	3142656
24	$\mathcal{O}(1; \{24^2, 12, 6, 4^2, 3, 2^5\})$	184320
24	$\mathcal{O}(1; \{24^2, 12, 6, 4^2, 3^4, 2\})$	1585152
24	$\mathcal{O}(1; \{24^2, 12, 6, 4^4, 3, 2^2\})$	737280
24	$\mathcal{O}(1; \{24^2, 12, 6^2, 3^2, 2^5\})$	193536
24	$\mathcal{O}(1; \{24^2, 12, 6^2, 3^5, 2\})$	1575936
24	$\mathcal{O}(1; \{24^2, 12, 6^2, 4^2, 3^2, 2^2\})$	774144
24	$\mathcal{O}(1; \{24^2, 12, 6^3, 2^6\})$	101376
24	$\mathcal{O}(1; \{24^2, 12, 6^3, 3^3, 2^2\})$	783360
24	$\mathcal{O}(1; \{24^2, 12, 6^3, 4^2, 2^3\})$	405504
24	$\mathcal{O}(1; \{24^2, 12, 6^3, 4^4\})$	1622016
24	$\mathcal{O}(1; \{24^2, 12, 6^4, 3, 2^3\})$	396288
24	$\mathcal{O}(1; \{24^2, 12, 6^4, 4^2, 3\})$	1585152
24	$\mathcal{O}(1; \{24^2, 12, 6^5, 3^2\})$	1575936
24	$\mathcal{O}(1; \{24^2, 12, 6^6, 2\})$	783360
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 4, 2^6\})$	294912

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 4, 3^3, 2^2\})$	3244032
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 4^3, 2^3\})$	1179648
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 4^5\})$	4718592
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6, 4, 3, 2^3\})$	1474560
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6, 4^3, 3\})$	5898240
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6^2, 4, 3^2\})$	6193152
24	$\mathcal{O}(1; \{24^2, 12, 8^2, 6^3, 4, 2\})$	3244032
24	$\mathcal{O}(1; \{24^2, 12, 8^4, 2^4\})$	2359296
24	$\mathcal{O}(1; \{24^2, 12, 8^4, 3^3\})$	25952256
24	$\mathcal{O}(1; \{24^2, 12, 8^4, 4^2, 2\})$	9437184
24	$\mathcal{O}(1; \{24^2, 12, 8^4, 6, 3, 2\})$	11796480
24	$\mathcal{O}(1; \{24^2, 12^2, 4, 3^2, 2^5\})$	405504
24	$\mathcal{O}(1; \{24^2, 12^2, 4, 3^5, 2\})$	3133440
24	$\mathcal{O}(1; \{24^2, 12^2, 4^3, 3^2, 2^2\})$	1622016
24	$\mathcal{O}(1; \{24^2, 12^2, 6, 4, 2^6\})$	184320
24	$\mathcal{O}(1; \{24^2, 12^2, 6, 4, 3^3, 2^2\})$	1585152
24	$\mathcal{O}(1; \{24^2, 12^2, 6, 4^3, 2^3\})$	737280
24	$\mathcal{O}(1; \{24^2, 12^2, 6, 4^5\})$	2949120
24	$\mathcal{O}(1; \{24^2, 12^2, 6^2, 4, 3, 2^3\})$	774144
24	$\mathcal{O}(1; \{24^2, 12^2, 6^2, 4^3, 3\})$	3096576
24	$\mathcal{O}(1; \{24^2, 12^2, 6^3, 4, 3^2\})$	3133440
24	$\mathcal{O}(1; \{24^2, 12^2, 6^4, 4, 2\})$	1585152
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 3^2, 2^3\})$	3244032
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 4^2, 3^2\})$	12976128
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 6, 2^4\})$	1474560
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 6, 3^3\})$	12681216
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 6, 4^2, 2\})$	5898240
24	$\mathcal{O}(1; \{24^2, 12^2, 8^2, 6^2, 3, 2\})$	6193152
24	$\mathcal{O}(1; \{24^2, 12^3, 3, 2^6\})$	405504
24	$\mathcal{O}(1; \{24^2, 12^3, 3^4, 2^2\})$	3133440
24	$\mathcal{O}(1; \{24^2, 12^3, 4^2, 3, 2^3\})$	1622016
24	$\mathcal{O}(1; \{24^2, 12^3, 4^4, 3\})$	6488064
24	$\mathcal{O}(1; \{24^2, 12^3, 6, 3^2, 2^3\})$	1585152
24	$\mathcal{O}(1; \{24^2, 12^3, 6, 4^2, 3^2\})$	6340608
24	$\mathcal{O}(1; \{24^2, 12^3, 6^2, 2^4\})$	774144
24	$\mathcal{O}(1; \{24^2, 12^3, 6^2, 3^3\})$	6303744
24	$\mathcal{O}(1; \{24^2, 12^3, 6^2, 4^2, 2\})$	3096576
24	$\mathcal{O}(1; \{24^2, 12^3, 6^3, 3, 2\})$	3133440
24	$\mathcal{O}(1; \{24^2, 12^3, 8^2, 4, 3, 2\})$	12976128
24	$\mathcal{O}(1; \{24^2, 12^4, 4, 2^4\})$	1622016
24	$\mathcal{O}(1; \{24^2, 12^4, 4, 3^3\})$	12533760
24	$\mathcal{O}(1; \{24^2, 12^4, 4^3, 2\})$	6488064
24	$\mathcal{O}(1; \{24^2, 12^4, 6, 4, 3, 2\})$	6340608

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^2, 12^4, 8^2, 2^2\})$	12976128
24	$\mathcal{O}(1; \{24^2, 12^5, 3^2, 2\})$	12533760
24	$\mathcal{O}(1; \{24^2, 12^5, 6, 2^2\})$	6340608
24	$\mathcal{O}(1; \{24^2, 12^7\})$	50135040
24	$\mathcal{O}(1; \{24^3, 8, 4, 3^2, 2^5\})$	737280
24	$\mathcal{O}(1; \{24^3, 8, 4, 3^5, 2\})$	6340608
24	$\mathcal{O}(1; \{24^3, 8, 4^3, 3^2, 2^2\})$	2949120
24	$\mathcal{O}(1; \{24^3, 8, 6, 4, 2^6\})$	442368
24	$\mathcal{O}(1; \{24^3, 8, 6, 4, 3^3, 2^2\})$	3096576
24	$\mathcal{O}(1; \{24^3, 8, 6, 4^3, 2^3\})$	1769472
24	$\mathcal{O}(1; \{24^3, 8, 6, 4^5\})$	7077888
24	$\mathcal{O}(1; \{24^3, 8, 6^2, 4, 3, 2^3\})$	1622016
24	$\mathcal{O}(1; \{24^3, 8, 6^2, 4^3, 3\})$	6488064
24	$\mathcal{O}(1; \{24^3, 8, 6^3, 4, 3^2\})$	6340608
24	$\mathcal{O}(1; \{24^3, 8, 6^4, 4, 2\})$	3096576
24	$\mathcal{O}(1; \{24^3, 8^3, 3^2, 2^3\})$	5898240
24	$\mathcal{O}(1; \{24^3, 8^3, 4^2, 3^2\})$	23592960
24	$\mathcal{O}(1; \{24^3, 8^3, 6, 2^4\})$	3538944
24	$\mathcal{O}(1; \{24^3, 8^3, 6, 3^3\})$	24772608
24	$\mathcal{O}(1; \{24^3, 8^3, 6, 4^2, 2\})$	14155776
24	$\mathcal{O}(1; \{24^3, 8^3, 6^2, 3, 2\})$	12976128
24	$\mathcal{O}(1; \{24^3, 12, 8, 3, 2^6\})$	737280
24	$\mathcal{O}(1; \{24^3, 12, 8, 3^4, 2^2\})$	6340608
24	$\mathcal{O}(1; \{24^3, 12, 8, 4^2, 3, 2^3\})$	2949120
24	$\mathcal{O}(1; \{24^3, 12, 8, 4^4, 3\})$	11796480
24	$\mathcal{O}(1; \{24^3, 12, 8, 6, 3^2, 2^3\})$	3096576
24	$\mathcal{O}(1; \{24^3, 12, 8, 6, 4^2, 3^2\})$	12386304
24	$\mathcal{O}(1; \{24^3, 12, 8, 6^2, 2^4\})$	1622016
24	$\mathcal{O}(1; \{24^3, 12, 8, 6^2, 3^3\})$	12533760
24	$\mathcal{O}(1; \{24^3, 12, 8, 6^2, 4^2, 2\})$	6488064
24	$\mathcal{O}(1; \{24^3, 12, 8, 6^3, 3, 2\})$	6340608
24	$\mathcal{O}(1; \{24^3, 12, 8^3, 4, 3, 2\})$	23592960
24	$\mathcal{O}(1; \{24^3, 12^2, 8, 4, 2^4\})$	2949120
24	$\mathcal{O}(1; \{24^3, 12^2, 8, 4, 3^3\})$	25362432
24	$\mathcal{O}(1; \{24^3, 12^2, 8, 4^3, 2\})$	11796480
24	$\mathcal{O}(1; \{24^3, 12^2, 8, 6, 4, 3, 2\})$	12386304
24	$\mathcal{O}(1; \{24^3, 12^2, 8^3, 2^2\})$	23592960
24	$\mathcal{O}(1; \{24^3, 12^3, 8, 3^2, 2\})$	25362432
24	$\mathcal{O}(1; \{24^3, 12^3, 8, 6, 2^2\})$	12386304
24	$\mathcal{O}(1; \{24^3, 12^5, 8\})$	101449728
24	$\mathcal{O}(1; \{24^4, 2^9\})$	221184
24	$\mathcal{O}(1; \{24^4, 3^3, 2^5\})$	1548288
24	$\mathcal{O}(1; \{24^4, 3^6, 2\})$	12607488

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^4, 4^2, 2^6\})$	884736
24	$\mathcal{O}(1; \{24^4, 4^2, 3^3, 2^2\})$	6193152
24	$\mathcal{O}(1; \{24^4, 4^4, 2^3\})$	3538944
24	$\mathcal{O}(1; \{24^4, 4^6\})$	14155776
24	$\mathcal{O}(1; \{24^4, 6, 3, 2^6\})$	811008
24	$\mathcal{O}(1; \{24^4, 6, 3^4, 2^2\})$	6266880
24	$\mathcal{O}(1; \{24^4, 6, 4^2, 3, 2^3\})$	3244032
24	$\mathcal{O}(1; \{24^4, 6, 4^4, 3\})$	12976128
24	$\mathcal{O}(1; \{24^4, 6^2, 3^2, 2^3\})$	3170304
24	$\mathcal{O}(1; \{24^4, 6^2, 4^2, 3^2\})$	12681216
24	$\mathcal{O}(1; \{24^4, 6^3, 2^4\})$	1548288
24	$\mathcal{O}(1; \{24^4, 6^3, 3^3\})$	12607488
24	$\mathcal{O}(1; \{24^4, 6^3, 4^2, 2\})$	6193152
24	$\mathcal{O}(1; \{24^4, 6^4, 3, 2\})$	6266880
24	$\mathcal{O}(1; \{24^4, 8^2, 4, 2^4\})$	7077888
24	$\mathcal{O}(1; \{24^4, 8^2, 4, 3^3\})$	49545216
24	$\mathcal{O}(1; \{24^4, 8^2, 4^3, 2\})$	28311552
24	$\mathcal{O}(1; \{24^4, 8^2, 6, 4, 3, 2\})$	25952256
24	$\mathcal{O}(1; \{24^4, 8^4, 2^2\})$	56623104
24	$\mathcal{O}(1; \{24^4, 12, 4, 3^2, 2^3\})$	6193152
24	$\mathcal{O}(1; \{24^4, 12, 4^3, 3^2\})$	24772608
24	$\mathcal{O}(1; \{24^4, 12, 6, 4, 2^4\})$	3244032
24	$\mathcal{O}(1; \{24^4, 12, 6, 4, 3^3\})$	25067520
24	$\mathcal{O}(1; \{24^4, 12, 6, 4^3, 2\})$	12976128
24	$\mathcal{O}(1; \{24^4, 12, 6^2, 4, 3, 2\})$	12681216
24	$\mathcal{O}(1; \{24^4, 12, 8^2, 3^2, 2\})$	49545216
24	$\mathcal{O}(1; \{24^4, 12, 8^2, 6, 2^2\})$	25952256
24	$\mathcal{O}(1; \{24^4, 12^2, 3, 2^4\})$	6193152
24	$\mathcal{O}(1; \{24^4, 12^2, 3^4\})$	50429952
24	$\mathcal{O}(1; \{24^4, 12^2, 4^2, 3, 2\})$	24772608
24	$\mathcal{O}(1; \{24^4, 12^2, 6, 3^2, 2\})$	25067520
24	$\mathcal{O}(1; \{24^4, 12^2, 6^2, 2^2\})$	12681216
24	$\mathcal{O}(1; \{24^4, 12^3, 4, 2^2\})$	24772608
24	$\mathcal{O}(1; \{24^4, 12^3, 8^2\})$	198180864
24	$\mathcal{O}(1; \{24^4, 12^4, 6\})$	100270080
24	$\mathcal{O}(1; \{24^5, 8, 3, 2^4\})$	12976128
24	$\mathcal{O}(1; \{24^5, 8, 3^4\})$	100270080
24	$\mathcal{O}(1; \{24^5, 8, 4^2, 3, 2\})$	51904512
24	$\mathcal{O}(1; \{24^5, 8, 6, 3^2, 2\})$	50724864
24	$\mathcal{O}(1; \{24^5, 8, 6^2, 2^2\})$	24772608
24	$\mathcal{O}(1; \{24^5, 12, 8, 4, 2^2\})$	51904512
24	$\mathcal{O}(1; \{24^5, 12, 8^3\})$	415236096
24	$\mathcal{O}(1; \{24^5, 12^2, 8, 6\})$	202899456

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(1; \{24^6, 4, 3^2, 2\})$	101449728
24	$\mathcal{O}(1; \{24^6, 6, 4, 2^2\})$	49545216
24	$\mathcal{O}(1; \{24^6, 8^2, 6\})$	396361728
24	$\mathcal{O}(1; \{24^6, 12, 3, 2^2\})$	101449728
24	$\mathcal{O}(1; \{24^6, 12, 6^2\})$	200540160
24	$\mathcal{O}(1; \{24^6, 12^2, 4\})$	405798912
24	$\mathcal{O}(1; \{24^7, 8, 4\})$	792723456
24	$\mathcal{O}(1; \{24^8, 3\})$	1604321280
24	$\mathcal{O}(0; \{8^2, 4, 3^2, 2^{13}\})$	16
24	$\mathcal{O}(0; \{8^2, 4, 3^5, 2^9\})$	80
24	$\mathcal{O}(0; \{8^2, 4, 3^8, 2^5\})$	688
24	$\mathcal{O}(0; \{8^2, 4, 3^{11}, 2\})$	5456
24	$\mathcal{O}(0; \{8^2, 4^3, 3^2, 2^{10}\})$	64
24	$\mathcal{O}(0; \{8^2, 4^3, 3^5, 2^6\})$	320
24	$\mathcal{O}(0; \{8^2, 4^3, 3^8, 2^2\})$	2752
24	$\mathcal{O}(0; \{8^2, 4^5, 3^2, 2^7\})$	256
24	$\mathcal{O}(0; \{8^2, 4^5, 3^5, 2^3\})$	1280
24	$\mathcal{O}(0; \{8^2, 4^7, 3^2, 2^4\})$	1024
24	$\mathcal{O}(0; \{8^2, 4^7, 3^5\})$	5120
24	$\mathcal{O}(0; \{8^2, 4^9, 3^2, 2\})$	4096
24	$\mathcal{O}(0; \{8^2, 6, 4, 3^3, 2^{10}\})$	48
24	$\mathcal{O}(0; \{8^2, 6, 4, 3^6, 2^6\})$	336
24	$\mathcal{O}(0; \{8^2, 6, 4, 3^9, 2^2\})$	2736
24	$\mathcal{O}(0; \{8^2, 6, 4^3, 3^3, 2^7\})$	192
24	$\mathcal{O}(0; \{8^2, 6, 4^3, 3^6, 2^3\})$	1344
24	$\mathcal{O}(0; \{8^2, 6, 4^5, 3^3, 2^4\})$	768
24	$\mathcal{O}(0; \{8^2, 6, 4^5, 3^6\})$	5376
24	$\mathcal{O}(0; \{8^2, 6, 4^7, 3^3, 2\})$	3072
24	$\mathcal{O}(0; \{8^2, 6^2, 4, 3, 2^{11}\})$	16
24	$\mathcal{O}(0; \{8^2, 6^2, 4, 3^4, 2^7\})$	176
24	$\mathcal{O}(0; \{8^2, 6^2, 4, 3^7, 2^3\})$	1360
24	$\mathcal{O}(0; \{8^2, 6^2, 4^3, 3, 2^8\})$	64
24	$\mathcal{O}(0; \{8^2, 6^2, 4^3, 3^4, 2^4\})$	704
24	$\mathcal{O}(0; \{8^2, 6^2, 4^3, 3^7\})$	5440
24	$\mathcal{O}(0; \{8^2, 6^2, 4^5, 3, 2^5\})$	256
24	$\mathcal{O}(0; \{8^2, 6^2, 4^5, 3^4, 2\})$	2816
24	$\mathcal{O}(0; \{8^2, 6^2, 4^7, 3, 2^2\})$	1024
24	$\mathcal{O}(0; \{8^2, 6^3, 4, 3^2, 2^8\})$	80
24	$\mathcal{O}(0; \{8^2, 6^3, 4, 3^5, 2^4\})$	688
24	$\mathcal{O}(0; \{8^2, 6^3, 4, 3^8\})$	5456
24	$\mathcal{O}(0; \{8^2, 6^3, 4^3, 3^2, 2^5\})$	320
24	$\mathcal{O}(0; \{8^2, 6^3, 4^3, 3^5, 2\})$	2752
24	$\mathcal{O}(0; \{8^2, 6^3, 4^5, 3^2, 2^2\})$	1280

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{8^2, 6^4, 4, 2^9\})$	48
24	$\mathcal{O}(0; \{8^2, 6^4, 4, 3^3, 2^5\})$	336
24	$\mathcal{O}(0; \{8^2, 6^4, 4, 3^6, 2\})$	2736
24	$\mathcal{O}(0; \{8^2, 6^4, 4^3, 2^6\})$	192
24	$\mathcal{O}(0; \{8^2, 6^4, 4^3, 3^3, 2^2\})$	1344
24	$\mathcal{O}(0; \{8^2, 6^4, 4^5, 2^3\})$	768
24	$\mathcal{O}(0; \{8^2, 6^4, 4^7\})$	3072
24	$\mathcal{O}(0; \{8^2, 6^5, 4, 3, 2^6\})$	176
24	$\mathcal{O}(0; \{8^2, 6^5, 4, 3^4, 2^2\})$	1360
24	$\mathcal{O}(0; \{8^2, 6^5, 4^3, 3, 2^3\})$	704
24	$\mathcal{O}(0; \{8^2, 6^5, 4^5, 3\})$	2816
24	$\mathcal{O}(0; \{8^2, 6^6, 4, 3^2, 2^3\})$	688
24	$\mathcal{O}(0; \{8^2, 6^6, 4^3, 3^2\})$	2752
24	$\mathcal{O}(0; \{8^2, 6^7, 4, 2^4\})$	336
24	$\mathcal{O}(0; \{8^2, 6^7, 4, 3^3\})$	2736
24	$\mathcal{O}(0; \{8^2, 6^7, 4^3, 2\})$	1344
24	$\mathcal{O}(0; \{8^2, 6^8, 4, 3, 2\})$	1360
24	$\mathcal{O}(0; \{8^4, 3^2, 2^{11}\})$	128
24	$\mathcal{O}(0; \{8^4, 3^5, 2^7\})$	640
24	$\mathcal{O}(0; \{8^4, 3^8, 2^3\})$	5504
24	$\mathcal{O}(0; \{8^4, 4^2, 3^2, 2^8\})$	512
24	$\mathcal{O}(0; \{8^4, 4^2, 3^5, 2^4\})$	2560
24	$\mathcal{O}(0; \{8^4, 4^2, 3^8\})$	22016
24	$\mathcal{O}(0; \{8^4, 4^4, 3^2, 2^5\})$	2048
24	$\mathcal{O}(0; \{8^4, 4^4, 3^5, 2\})$	10240
24	$\mathcal{O}(0; \{8^4, 4^6, 3^2, 2^2\})$	8192
24	$\mathcal{O}(0; \{8^4, 6, 3^3, 2^8\})$	384
24	$\mathcal{O}(0; \{8^4, 6, 3^6, 2^4\})$	2688
24	$\mathcal{O}(0; \{8^4, 6, 3^9\})$	21888
24	$\mathcal{O}(0; \{8^4, 6, 4^2, 3^3, 2^5\})$	1536
24	$\mathcal{O}(0; \{8^4, 6, 4^2, 3^6, 2\})$	10752
24	$\mathcal{O}(0; \{8^4, 6, 4^4, 3^3, 2^2\})$	6144
24	$\mathcal{O}(0; \{8^4, 6^2, 3, 2^9\})$	128
24	$\mathcal{O}(0; \{8^4, 6^2, 3^4, 2^5\})$	1408
24	$\mathcal{O}(0; \{8^4, 6^2, 3^7, 2\})$	10880
24	$\mathcal{O}(0; \{8^4, 6^2, 4^2, 3, 2^6\})$	512
24	$\mathcal{O}(0; \{8^4, 6^2, 4^2, 3^4, 2^2\})$	5632
24	$\mathcal{O}(0; \{8^4, 6^2, 4^4, 3, 2^3\})$	2048
24	$\mathcal{O}(0; \{8^4, 6^2, 4^6, 3\})$	8192
24	$\mathcal{O}(0; \{8^4, 6^3, 3^2, 2^6\})$	640
24	$\mathcal{O}(0; \{8^4, 6^3, 3^5, 2^2\})$	5504
24	$\mathcal{O}(0; \{8^4, 6^3, 4^2, 3^2, 2^3\})$	2560
24	$\mathcal{O}(0; \{8^4, 6^3, 4^4, 3^2\})$	10240

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{8^4, 6^4, 2^7\})$	384
24	$\mathcal{O}(0; \{8^4, 6^4, 3^3, 2^3\})$	2688
24	$\mathcal{O}(0; \{8^4, 6^4, 4^2, 2^4\})$	1536
24	$\mathcal{O}(0; \{8^4, 6^4, 4^2, 3^3\})$	10752
24	$\mathcal{O}(0; \{8^4, 6^4, 4^4, 2\})$	6144
24	$\mathcal{O}(0; \{8^4, 6^5, 3, 2^4\})$	1408
24	$\mathcal{O}(0; \{8^4, 6^5, 3^4\})$	10880
24	$\mathcal{O}(0; \{8^4, 6^5, 4^2, 3, 2\})$	5632
24	$\mathcal{O}(0; \{8^4, 6^6, 3^2, 2\})$	5504
24	$\mathcal{O}(0; \{8^4, 6^7, 2^2\})$	2688
24	$\mathcal{O}(0; \{8^6, 4, 3^2, 2^6\})$	4096
24	$\mathcal{O}(0; \{8^6, 4, 3^5, 2^2\})$	20480
24	$\mathcal{O}(0; \{8^6, 4^3, 3^2, 2^3\})$	16384
24	$\mathcal{O}(0; \{8^6, 4^5, 3^2\})$	65536
24	$\mathcal{O}(0; \{8^6, 6, 4, 3^3, 2^3\})$	12288
24	$\mathcal{O}(0; \{8^6, 6, 4^3, 3^3\})$	49152
24	$\mathcal{O}(0; \{8^6, 6^2, 4, 3, 2^4\})$	4096
24	$\mathcal{O}(0; \{8^6, 6^2, 4, 3^4\})$	45056
24	$\mathcal{O}(0; \{8^6, 6^2, 4^3, 3, 2\})$	16384
24	$\mathcal{O}(0; \{8^6, 6^3, 4, 3^2, 2\})$	20480
24	$\mathcal{O}(0; \{8^6, 6^4, 4, 2^2\})$	12288
24	$\mathcal{O}(0; \{8^8, 3^2, 2^4\})$	32768
24	$\mathcal{O}(0; \{8^8, 3^5\})$	163840
24	$\mathcal{O}(0; \{8^8, 4^2, 3^2, 2\})$	131072
24	$\mathcal{O}(0; \{8^8, 6, 3^3, 2\})$	98304
24	$\mathcal{O}(0; \{8^8, 6^2, 3, 2^2\})$	32768
24	$\mathcal{O}(0; \{8^8, 6^4\})$	98304
24	$\mathcal{O}(0; \{12, 8^2, 3, 2^{14}\})$	16
24	$\mathcal{O}(0; \{12, 8^2, 3^4, 2^{10}\})$	80
24	$\mathcal{O}(0; \{12, 8^2, 3^7, 2^6\})$	688
24	$\mathcal{O}(0; \{12, 8^2, 3^{10}, 2^2\})$	5456
24	$\mathcal{O}(0; \{12, 8^2, 4^2, 3, 2^{11}\})$	64
24	$\mathcal{O}(0; \{12, 8^2, 4^2, 3^4, 2^7\})$	320
24	$\mathcal{O}(0; \{12, 8^2, 4^2, 3^7, 2^3\})$	2752
24	$\mathcal{O}(0; \{12, 8^2, 4^4, 3, 2^8\})$	256
24	$\mathcal{O}(0; \{12, 8^2, 4^4, 3^4, 2^4\})$	1280
24	$\mathcal{O}(0; \{12, 8^2, 4^4, 3^7\})$	11008
24	$\mathcal{O}(0; \{12, 8^2, 4^6, 3, 2^5\})$	1024
24	$\mathcal{O}(0; \{12, 8^2, 4^6, 3^4, 2\})$	5120
24	$\mathcal{O}(0; \{12, 8^2, 4^8, 3, 2^2\})$	4096
24	$\mathcal{O}(0; \{12, 8^2, 6, 3^2, 2^{11}\})$	48
24	$\mathcal{O}(0; \{12, 8^2, 6, 3^5, 2^7\})$	336
24	$\mathcal{O}(0; \{12, 8^2, 6, 3^8, 2^3\})$	2736

Continued on next page

Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^2, 3^2, 2^8\})$	192
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^2, 3^5, 2^4\})$	1344
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^2, 3^8\})$	10944
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^4, 3^2, 2^5\})$	768
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^4, 3^5, 2\})$	5376
24	$\mathcal{O}(0; \{12, 8^2, 6, 4^6, 3^2, 2^2\})$	3072
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 2^{12}\})$	16
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 3^3, 2^8\})$	176
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 3^6, 2^4\})$	1360
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 3^9\})$	10928
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^2, 2^9\})$	64
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^2, 3^3, 2^5\})$	704
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^2, 3^6, 2\})$	5440
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^4, 2^6\})$	256
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^4, 3^3, 2^2\})$	2816
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^6, 2^3\})$	1024
24	$\mathcal{O}(0; \{12, 8^2, 6^2, 4^8\})$	4096
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 3, 2^9\})$	80
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 3^4, 2^5\})$	688
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 3^7, 2\})$	5456
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4^2, 3, 2^6\})$	320
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4^2, 3^4, 2^2\})$	2752
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4^4, 3, 2^3\})$	1280
24	$\mathcal{O}(0; \{12, 8^2, 6^3, 4^6, 3\})$	5120
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 3^2, 2^6\})$	336
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 3^5, 2^2\})$	2736
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 4^2, 3^2, 2^3\})$	1344
24	$\mathcal{O}(0; \{12, 8^2, 6^4, 4^4, 3^2\})$	5376
24	$\mathcal{O}(0; \{12, 8^2, 6^5, 2^7\})$	176
24	$\mathcal{O}(0; \{12, 8^2, 6^5, 3^3, 2^3\})$	1360
24	$\mathcal{O}(0; \{12, 8^2, 6^5, 4^2, 2^4\})$	704
24	$\mathcal{O}(0; \{12, 8^2, 6^5, 4^2, 3^3\})$	5440
24	$\mathcal{O}(0; \{12, 8^2, 6^5, 4^4, 2\})$	2816
24	$\mathcal{O}(0; \{12, 8^2, 6^6, 3, 2^4\})$	688
24	$\mathcal{O}(0; \{12, 8^2, 6^6, 3^4\})$	5456
24	$\mathcal{O}(0; \{12, 8^2, 6^6, 4^2, 3, 2\})$	2752
24	$\mathcal{O}(0; \{12, 8^2, 6^7, 3^2, 2\})$	2736
24	$\mathcal{O}(0; \{12, 8^2, 6^8, 2^2\})$	1360
24	$\mathcal{O}(0; \{12, 8^4, 4, 3, 2^9\})$	512
24	$\mathcal{O}(0; \{12, 8^4, 4, 3^4, 2^5\})$	2560
24	$\mathcal{O}(0; \{12, 8^4, 4, 3^7, 2\})$	22016
24	$\mathcal{O}(0; \{12, 8^4, 4^3, 3, 2^6\})$	2048
24	$\mathcal{O}(0; \{12, 8^4, 4^3, 3^4, 2^2\})$	10240

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12, 8^4, 4^5, 3, 2^3\})$	8192
24	$\mathcal{O}(0; \{12, 8^4, 4^7, 3\})$	32768
24	$\mathcal{O}(0; \{12, 8^4, 6, 4, 3^2, 2^6\})$	1536
24	$\mathcal{O}(0; \{12, 8^4, 6, 4, 3^5, 2^2\})$	10752
24	$\mathcal{O}(0; \{12, 8^4, 6, 4^3, 3^2, 2^3\})$	6144
24	$\mathcal{O}(0; \{12, 8^4, 6, 4^5, 3^2\})$	24576
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 4, 2^7\})$	512
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 4, 3^3, 2^3\})$	5632
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 4^3, 2^4\})$	2048
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 4^3, 3^3\})$	22528
24	$\mathcal{O}(0; \{12, 8^4, 6^2, 4^5, 2\})$	8192
24	$\mathcal{O}(0; \{12, 8^4, 6^3, 4, 3, 2^4\})$	2560
24	$\mathcal{O}(0; \{12, 8^4, 6^3, 4, 3^4\})$	22016
24	$\mathcal{O}(0; \{12, 8^4, 6^3, 4^3, 3, 2\})$	10240
24	$\mathcal{O}(0; \{12, 8^4, 6^4, 4, 3^2, 2\})$	10752
24	$\mathcal{O}(0; \{12, 8^4, 6^5, 4, 2^2\})$	5632
24	$\mathcal{O}(0; \{12, 8^6, 3, 2^7\})$	4096
24	$\mathcal{O}(0; \{12, 8^6, 3^4, 2^3\})$	20480
24	$\mathcal{O}(0; \{12, 8^6, 4^2, 3, 2^4\})$	16384
24	$\mathcal{O}(0; \{12, 8^6, 4^2, 3^4\})$	81920
24	$\mathcal{O}(0; \{12, 8^6, 4^4, 3, 2\})$	65536
24	$\mathcal{O}(0; \{12, 8^6, 6, 3^2, 2^4\})$	12288
24	$\mathcal{O}(0; \{12, 8^6, 6, 3^5\})$	86016
24	$\mathcal{O}(0; \{12, 8^6, 6, 4^2, 3^2, 2\})$	49152
24	$\mathcal{O}(0; \{12, 8^6, 6^2, 2^5\})$	4096
24	$\mathcal{O}(0; \{12, 8^6, 6^2, 3^3, 2\})$	45056
24	$\mathcal{O}(0; \{12, 8^6, 6^2, 4^2, 2^2\})$	16384
24	$\mathcal{O}(0; \{12, 8^6, 6^3, 3, 2^2\})$	20480
24	$\mathcal{O}(0; \{12, 8^6, 6^5\})$	45056
24	$\mathcal{O}(0; \{12, 8^8, 4, 3, 2^2\})$	131072
24	$\mathcal{O}(0; \{12, 8^8, 6^2, 4\})$	131072
24	$\mathcal{O}(0; \{12, 8^{10}, 3\})$	1048576
24	$\mathcal{O}(0; \{12^2, 8^2, 4, 2^{12}\})$	64
24	$\mathcal{O}(0; \{12^2, 8^2, 4, 3^3, 2^8\})$	320
24	$\mathcal{O}(0; \{12^2, 8^2, 4, 3^6, 2^4\})$	2752
24	$\mathcal{O}(0; \{12^2, 8^2, 4, 3^9\})$	21824
24	$\mathcal{O}(0; \{12^2, 8^2, 4^3, 2^9\})$	256
24	$\mathcal{O}(0; \{12^2, 8^2, 4^3, 3^3, 2^5\})$	1280
24	$\mathcal{O}(0; \{12^2, 8^2, 4^3, 3^6, 2\})$	11008
24	$\mathcal{O}(0; \{12^2, 8^2, 4^5, 2^6\})$	1024
24	$\mathcal{O}(0; \{12^2, 8^2, 4^5, 3^3, 2^2\})$	5120
24	$\mathcal{O}(0; \{12^2, 8^2, 4^7, 2^3\})$	4096
24	$\mathcal{O}(0; \{12^2, 8^2, 4^9\})$	16384

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4, 3, 2^9\})$	192
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4, 3^4, 2^5\})$	1344
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4, 3^7, 2\})$	10944
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^3, 3, 2^6\})$	768
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^3, 3^4, 2^2\})$	5376
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^5, 3, 2^3\})$	3072
24	$\mathcal{O}(0; \{12^2, 8^2, 6, 4^7, 3\})$	12288
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4, 3^2, 2^6\})$	704
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4, 3^5, 2^2\})$	5440
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4^3, 3^2, 2^3\})$	2816
24	$\mathcal{O}(0; \{12^2, 8^2, 6^2, 4^5, 3^2\})$	11264
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 4, 2^7\})$	320
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 4, 3^3, 2^3\})$	2752
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 4^3, 2^4\})$	1280
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 4^3, 3^3\})$	11008
24	$\mathcal{O}(0; \{12^2, 8^2, 6^3, 4^5, 2\})$	5120
24	$\mathcal{O}(0; \{12^2, 8^2, 6^4, 4, 3, 2^4\})$	1344
24	$\mathcal{O}(0; \{12^2, 8^2, 6^4, 4, 3^4\})$	10944
24	$\mathcal{O}(0; \{12^2, 8^2, 6^4, 4^3, 3, 2\})$	5376
24	$\mathcal{O}(0; \{12^2, 8^2, 6^5, 4, 3^2, 2\})$	5440
24	$\mathcal{O}(0; \{12^2, 8^2, 6^6, 4, 2^2\})$	2752
24	$\mathcal{O}(0; \{12^2, 8^4, 2^{10}\})$	512
24	$\mathcal{O}(0; \{12^2, 8^4, 3^3, 2^6\})$	2560
24	$\mathcal{O}(0; \{12^2, 8^4, 3^6, 2^2\})$	22016
24	$\mathcal{O}(0; \{12^2, 8^4, 4^2, 2^7\})$	2048
24	$\mathcal{O}(0; \{12^2, 8^4, 4^2, 3^3, 2^3\})$	10240
24	$\mathcal{O}(0; \{12^2, 8^4, 4^4, 2^4\})$	8192
24	$\mathcal{O}(0; \{12^2, 8^4, 4^4, 3^3\})$	40960
24	$\mathcal{O}(0; \{12^2, 8^4, 4^6, 2\})$	32768
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 3, 2^7\})$	1536
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 3^4, 2^3\})$	10752
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 4^2, 3, 2^4\})$	6144
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 4^2, 3^4\})$	43008
24	$\mathcal{O}(0; \{12^2, 8^4, 6, 4^4, 3, 2\})$	24576
24	$\mathcal{O}(0; \{12^2, 8^4, 6^2, 3^2, 2^4\})$	5632
24	$\mathcal{O}(0; \{12^2, 8^4, 6^2, 3^5\})$	43520
24	$\mathcal{O}(0; \{12^2, 8^4, 6^2, 4^2, 3^2, 2\})$	22528
24	$\mathcal{O}(0; \{12^2, 8^4, 6^3, 2^5\})$	2560
24	$\mathcal{O}(0; \{12^2, 8^4, 6^3, 3^3, 2\})$	22016
24	$\mathcal{O}(0; \{12^2, 8^4, 6^3, 4^2, 2^2\})$	10240
24	$\mathcal{O}(0; \{12^2, 8^4, 6^4, 3, 2^2\})$	10752
24	$\mathcal{O}(0; \{12^2, 8^4, 6^6\})$	22016
24	$\mathcal{O}(0; \{12^2, 8^6, 4, 2^5\})$	16384

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12^2, 8^6, 4, 3^3, 2\})$	81920
24	$\mathcal{O}(0; \{12^2, 8^6, 4^3, 2^2\})$	65536
24	$\mathcal{O}(0; \{12^2, 8^6, 6, 4, 3, 2^2\})$	49152
24	$\mathcal{O}(0; \{12^2, 8^6, 6^3, 4\})$	81920
24	$\mathcal{O}(0; \{12^2, 8^8, 2^3\})$	131072
24	$\mathcal{O}(0; \{12^2, 8^8, 4^2\})$	524288
24	$\mathcal{O}(0; \{12^2, 8^8, 6, 3\})$	393216
24	$\mathcal{O}(0; \{12^3, 8^2, 3^2, 2^9\})$	320
24	$\mathcal{O}(0; \{12^3, 8^2, 3^5, 2^5\})$	2752
24	$\mathcal{O}(0; \{12^3, 8^2, 3^8, 2\})$	21824
24	$\mathcal{O}(0; \{12^3, 8^2, 4^2, 3^2, 2^6\})$	1280
24	$\mathcal{O}(0; \{12^3, 8^2, 4^2, 3^5, 2^2\})$	11008
24	$\mathcal{O}(0; \{12^3, 8^2, 4^4, 3^2, 2^3\})$	5120
24	$\mathcal{O}(0; \{12^3, 8^2, 4^6, 3^2\})$	20480
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 2^{10}\})$	192
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 3^3, 2^6\})$	1344
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 3^6, 2^2\})$	10944
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4^2, 2^7\})$	768
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4^2, 3^3, 2^3\})$	5376
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4^4, 2^4\})$	3072
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4^4, 3^3\})$	21504
24	$\mathcal{O}(0; \{12^3, 8^2, 6, 4^6, 2\})$	12288
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 3, 2^7\})$	704
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 3^4, 2^3\})$	5440
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 4^2, 3, 2^4\})$	2816
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 4^2, 3^4\})$	21760
24	$\mathcal{O}(0; \{12^3, 8^2, 6^2, 4^4, 3, 2\})$	11264
24	$\mathcal{O}(0; \{12^3, 8^2, 6^3, 3^2, 2^4\})$	2752
24	$\mathcal{O}(0; \{12^3, 8^2, 6^3, 3^5\})$	21824
24	$\mathcal{O}(0; \{12^3, 8^2, 6^3, 4^2, 3^2, 2\})$	11008
24	$\mathcal{O}(0; \{12^3, 8^2, 6^4, 2^5\})$	1344
24	$\mathcal{O}(0; \{12^3, 8^2, 6^4, 3^3, 2\})$	10944
24	$\mathcal{O}(0; \{12^3, 8^2, 6^4, 4^2, 2^2\})$	5376
24	$\mathcal{O}(0; \{12^3, 8^2, 6^5, 3, 2^2\})$	5440
24	$\mathcal{O}(0; \{12^3, 8^2, 6^7\})$	10944
24	$\mathcal{O}(0; \{12^3, 8^4, 4, 3^2, 2^4\})$	10240
24	$\mathcal{O}(0; \{12^3, 8^4, 4, 3^5\})$	88064
24	$\mathcal{O}(0; \{12^3, 8^4, 4^3, 3^2, 2\})$	40960
24	$\mathcal{O}(0; \{12^3, 8^4, 6, 4, 2^5\})$	6144
24	$\mathcal{O}(0; \{12^3, 8^4, 6, 4, 3^3, 2\})$	43008
24	$\mathcal{O}(0; \{12^3, 8^4, 6, 4^3, 2^2\})$	24576
24	$\mathcal{O}(0; \{12^3, 8^4, 6^2, 4, 3, 2^2\})$	22528
24	$\mathcal{O}(0; \{12^3, 8^4, 6^4, 4\})$	43008

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12^3, 8^6, 3^2, 2^2\})$	81920
24	$\mathcal{O}(0; \{12^3, 8^6, 6, 2^3\})$	49152
24	$\mathcal{O}(0; \{12^3, 8^6, 6, 4^2\})$	196608
24	$\mathcal{O}(0; \{12^3, 8^6, 6^2, 3\})$	180224
24	$\mathcal{O}(0; \{12^4, 8^2, 4, 3, 2^7\})$	1280
24	$\mathcal{O}(0; \{12^4, 8^2, 4, 3^4, 2^3\})$	11008
24	$\mathcal{O}(0; \{12^4, 8^2, 4^3, 3, 2^4\})$	5120
24	$\mathcal{O}(0; \{12^4, 8^2, 4^3, 3^4\})$	44032
24	$\mathcal{O}(0; \{12^4, 8^2, 4^5, 3, 2\})$	20480
24	$\mathcal{O}(0; \{12^4, 8^2, 6, 4, 3^2, 2^4\})$	5376
24	$\mathcal{O}(0; \{12^4, 8^2, 6, 4, 3^5\})$	43776
24	$\mathcal{O}(0; \{12^4, 8^2, 6, 4^3, 3^2, 2\})$	21504
24	$\mathcal{O}(0; \{12^4, 8^2, 6^2, 4, 2^5\})$	2816
24	$\mathcal{O}(0; \{12^4, 8^2, 6^2, 4, 3^3, 2\})$	21760
24	$\mathcal{O}(0; \{12^4, 8^2, 6^2, 4^3, 2^2\})$	11264
24	$\mathcal{O}(0; \{12^4, 8^2, 6^3, 4, 3, 2^2\})$	11008
24	$\mathcal{O}(0; \{12^4, 8^2, 6^5, 4\})$	21760
24	$\mathcal{O}(0; \{12^4, 8^4, 3, 2^5\})$	10240
24	$\mathcal{O}(0; \{12^4, 8^4, 3^4, 2\})$	88064
24	$\mathcal{O}(0; \{12^4, 8^4, 4^2, 3, 2^2\})$	40960
24	$\mathcal{O}(0; \{12^4, 8^4, 6, 3^2, 2^2\})$	43008
24	$\mathcal{O}(0; \{12^4, 8^4, 6^2, 2^3\})$	22528
24	$\mathcal{O}(0; \{12^4, 8^4, 6^2, 4^2\})$	90112
24	$\mathcal{O}(0; \{12^4, 8^4, 6^3, 3\})$	88064
24	$\mathcal{O}(0; \{12^4, 8^6, 4, 3\})$	327680
24	$\mathcal{O}(0; \{12^5, 8^2, 2^8\})$	1280
24	$\mathcal{O}(0; \{12^5, 8^2, 3^3, 2^4\})$	11008
24	$\mathcal{O}(0; \{12^5, 8^2, 3^6\})$	87296
24	$\mathcal{O}(0; \{12^5, 8^2, 4^2, 2^5\})$	5120
24	$\mathcal{O}(0; \{12^5, 8^2, 4^2, 3^3, 2\})$	44032
24	$\mathcal{O}(0; \{12^5, 8^2, 4^4, 2^2\})$	20480
24	$\mathcal{O}(0; \{12^5, 8^2, 6, 3, 2^5\})$	5376
24	$\mathcal{O}(0; \{12^5, 8^2, 6, 3^4, 2\})$	43776
24	$\mathcal{O}(0; \{12^5, 8^2, 6, 4^2, 3, 2^2\})$	21504
24	$\mathcal{O}(0; \{12^5, 8^2, 6^2, 3^2, 2^2\})$	21760
24	$\mathcal{O}(0; \{12^5, 8^2, 6^3, 2^3\})$	11008
24	$\mathcal{O}(0; \{12^5, 8^2, 6^3, 4^2\})$	44032
24	$\mathcal{O}(0; \{12^5, 8^2, 6^4, 3\})$	43776
24	$\mathcal{O}(0; \{12^5, 8^4, 4, 2^3\})$	40960
24	$\mathcal{O}(0; \{12^5, 8^4, 4^3\})$	163840
24	$\mathcal{O}(0; \{12^5, 8^4, 6, 4, 3\})$	172032
24	$\mathcal{O}(0; \{12^5, 8^6, 2\})$	327680
24	$\mathcal{O}(0; \{12^6, 8^2, 4, 3^2, 2^2\})$	44032

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{12^6, 8^2, 6, 4, 2^3\})$	21504
24	$\mathcal{O}(0; \{12^6, 8^2, 6, 4^3\})$	86016
24	$\mathcal{O}(0; \{12^6, 8^2, 6^2, 4, 3\})$	87040
24	$\mathcal{O}(0; \{12^6, 8^4, 3^2\})$	352256
24	$\mathcal{O}(0; \{12^6, 8^4, 6, 2\})$	172032
24	$\mathcal{O}(0; \{12^7, 8^2, 3, 2^3\})$	44032
24	$\mathcal{O}(0; \{12^7, 8^2, 4^2, 3\})$	176128
24	$\mathcal{O}(0; \{12^7, 8^2, 6, 3^2\})$	175104
24	$\mathcal{O}(0; \{12^7, 8^2, 6^2, 2\})$	87040
24	$\mathcal{O}(0; \{12^8, 8^2, 4, 2\})$	176128
24	$\mathcal{O}(0; \{24, 8, 3^3, 2^{13}\})$	24
24	$\mathcal{O}(0; \{24, 8, 3^6, 2^9\})$	168
24	$\mathcal{O}(0; \{24, 8, 3^9, 2^5\})$	1368
24	$\mathcal{O}(0; \{24, 8, 3^{12}, 2\})$	10920
24	$\mathcal{O}(0; \{24, 8, 4^2, 3^3, 2^{10}\})$	96
24	$\mathcal{O}(0; \{24, 8, 4^2, 3^6, 2^6\})$	672
24	$\mathcal{O}(0; \{24, 8, 4^2, 3^9, 2^2\})$	5472
24	$\mathcal{O}(0; \{24, 8, 4^4, 3^3, 2^7\})$	384
24	$\mathcal{O}(0; \{24, 8, 4^4, 3^6, 2^3\})$	2688
24	$\mathcal{O}(0; \{24, 8, 4^6, 3^3, 2^4\})$	1536
24	$\mathcal{O}(0; \{24, 8, 4^6, 3^6\})$	10752
24	$\mathcal{O}(0; \{24, 8, 4^8, 3^3, 2\})$	6144
24	$\mathcal{O}(0; \{24, 8, 6, 3, 2^{14}\})$	8
24	$\mathcal{O}(0; \{24, 8, 6, 3^4, 2^{10}\})$	88
24	$\mathcal{O}(0; \{24, 8, 6, 3^7, 2^6\})$	680
24	$\mathcal{O}(0; \{24, 8, 6, 3^{10}, 2^2\})$	5464
24	$\mathcal{O}(0; \{24, 8, 6, 4^2, 3, 2^{11}\})$	32
24	$\mathcal{O}(0; \{24, 8, 6, 4^2, 3^4, 2^7\})$	352
24	$\mathcal{O}(0; \{24, 8, 6, 4^2, 3^7, 2^3\})$	2720
24	$\mathcal{O}(0; \{24, 8, 6, 4^4, 3, 2^8\})$	128
24	$\mathcal{O}(0; \{24, 8, 6, 4^4, 3^4, 2^4\})$	1408
24	$\mathcal{O}(0; \{24, 8, 6, 4^4, 3^7\})$	10880
24	$\mathcal{O}(0; \{24, 8, 6, 4^6, 3, 2^5\})$	512
24	$\mathcal{O}(0; \{24, 8, 6, 4^6, 3^4, 2\})$	5632
24	$\mathcal{O}(0; \{24, 8, 6, 4^8, 3, 2^2\})$	2048
24	$\mathcal{O}(0; \{24, 8, 6^2, 3^2, 2^{11}\})$	40
24	$\mathcal{O}(0; \{24, 8, 6^2, 3^5, 2^7\})$	344
24	$\mathcal{O}(0; \{24, 8, 6^2, 3^8, 2^3\})$	2728
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^2, 3^2, 2^8\})$	160
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^2, 3^5, 2^4\})$	1376
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^2, 3^8\})$	10912
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^4, 3^2, 2^5\})$	640
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^4, 3^5, 2\})$	5504

Continued on next page

Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 8, 6^2, 4^6, 3^2, 2^2\})$	2560
24	$\mathcal{O}(0; \{24, 8, 6^3, 2^{12}\})$	24
24	$\mathcal{O}(0; \{24, 8, 6^3, 3^3, 2^8\})$	168
24	$\mathcal{O}(0; \{24, 8, 6^3, 3^6, 2^4\})$	1368
24	$\mathcal{O}(0; \{24, 8, 6^3, 3^9\})$	10920
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^2, 2^9\})$	96
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^2, 3^3, 2^5\})$	672
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^2, 3^6, 2\})$	5472
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^4, 2^6\})$	384
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^4, 3^3, 2^2\})$	2688
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^6, 2^3\})$	1536
24	$\mathcal{O}(0; \{24, 8, 6^3, 4^8\})$	6144
24	$\mathcal{O}(0; \{24, 8, 6^4, 3, 2^9\})$	88
24	$\mathcal{O}(0; \{24, 8, 6^4, 3^4, 2^5\})$	680
24	$\mathcal{O}(0; \{24, 8, 6^4, 3^7, 2\})$	5464
24	$\mathcal{O}(0; \{24, 8, 6^4, 4^2, 3, 2^6\})$	352
24	$\mathcal{O}(0; \{24, 8, 6^4, 4^2, 3^4, 2^2\})$	2720
24	$\mathcal{O}(0; \{24, 8, 6^4, 4^4, 3, 2^3\})$	1408
24	$\mathcal{O}(0; \{24, 8, 6^4, 4^6, 3\})$	5632
24	$\mathcal{O}(0; \{24, 8, 6^5, 3^2, 2^6\})$	344
24	$\mathcal{O}(0; \{24, 8, 6^5, 3^5, 2^2\})$	2728
24	$\mathcal{O}(0; \{24, 8, 6^5, 4^2, 3^2, 2^3\})$	1376
24	$\mathcal{O}(0; \{24, 8, 6^5, 4^4, 3^2\})$	5504
24	$\mathcal{O}(0; \{24, 8, 6^6, 2^7\})$	168
24	$\mathcal{O}(0; \{24, 8, 6^6, 3^3, 2^3\})$	1368
24	$\mathcal{O}(0; \{24, 8, 6^6, 4^2, 2^4\})$	672
24	$\mathcal{O}(0; \{24, 8, 6^6, 4^2, 3^3\})$	5472
24	$\mathcal{O}(0; \{24, 8, 6^6, 4^4, 2\})$	2688
24	$\mathcal{O}(0; \{24, 8, 6^7, 3, 2^4\})$	680
24	$\mathcal{O}(0; \{24, 8, 6^7, 3^4\})$	5464
24	$\mathcal{O}(0; \{24, 8, 6^7, 4^2, 3, 2\})$	2720
24	$\mathcal{O}(0; \{24, 8, 6^8, 3^2, 2\})$	2728
24	$\mathcal{O}(0; \{24, 8, 6^9, 2^2\})$	1368
24	$\mathcal{O}(0; \{24, 8^3, 4, 3^3, 2^8\})$	768
24	$\mathcal{O}(0; \{24, 8^3, 4, 3^6, 2^4\})$	5376
24	$\mathcal{O}(0; \{24, 8^3, 4, 3^9\})$	43776
24	$\mathcal{O}(0; \{24, 8^3, 4^3, 3^3, 2^5\})$	3072
24	$\mathcal{O}(0; \{24, 8^3, 4^3, 3^6, 2\})$	21504
24	$\mathcal{O}(0; \{24, 8^3, 4^5, 3^3, 2^2\})$	12288
24	$\mathcal{O}(0; \{24, 8^3, 6, 4, 3, 2^9\})$	256
24	$\mathcal{O}(0; \{24, 8^3, 6, 4, 3^4, 2^5\})$	2816
24	$\mathcal{O}(0; \{24, 8^3, 6, 4, 3^7, 2\})$	21760
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^3, 3, 2^6\})$	1024

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^3, 3^4, 2^2\})$	11264
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^5, 3, 2^3\})$	4096
24	$\mathcal{O}(0; \{24, 8^3, 6, 4^7, 3\})$	16384
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4, 3^2, 2^6\})$	1280
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4, 3^5, 2^2\})$	11008
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4^3, 3^2, 2^3\})$	5120
24	$\mathcal{O}(0; \{24, 8^3, 6^2, 4^5, 3^2\})$	20480
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 4, 2^7\})$	768
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 4, 3^3, 2^3\})$	5376
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 4^3, 2^4\})$	3072
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 4^3, 3^3\})$	21504
24	$\mathcal{O}(0; \{24, 8^3, 6^3, 4^5, 2\})$	12288
24	$\mathcal{O}(0; \{24, 8^3, 6^4, 4, 3, 2^4\})$	2816
24	$\mathcal{O}(0; \{24, 8^3, 6^4, 4, 3^4\})$	21760
24	$\mathcal{O}(0; \{24, 8^3, 6^4, 4^3, 3, 2\})$	11264
24	$\mathcal{O}(0; \{24, 8^3, 6^5, 4, 3^2, 2\})$	11008
24	$\mathcal{O}(0; \{24, 8^3, 6^6, 4, 2^2\})$	5376
24	$\mathcal{O}(0; \{24, 8^5, 3^3, 2^6\})$	6144
24	$\mathcal{O}(0; \{24, 8^5, 3^6, 2^2\})$	43008
24	$\mathcal{O}(0; \{24, 8^5, 4^2, 3^3, 2^3\})$	24576
24	$\mathcal{O}(0; \{24, 8^5, 4^4, 3^3\})$	98304
24	$\mathcal{O}(0; \{24, 8^5, 6, 3, 2^7\})$	2048
24	$\mathcal{O}(0; \{24, 8^5, 6, 3^4, 2^3\})$	22528
24	$\mathcal{O}(0; \{24, 8^5, 6, 4^2, 3, 2^4\})$	8192
24	$\mathcal{O}(0; \{24, 8^5, 6, 4^2, 3^4\})$	90112
24	$\mathcal{O}(0; \{24, 8^5, 6, 4^4, 3, 2\})$	32768
24	$\mathcal{O}(0; \{24, 8^5, 6^2, 3^2, 2^4\})$	10240
24	$\mathcal{O}(0; \{24, 8^5, 6^2, 3^5\})$	88064
24	$\mathcal{O}(0; \{24, 8^5, 6^2, 4^2, 3^2, 2\})$	40960
24	$\mathcal{O}(0; \{24, 8^5, 6^3, 2^5\})$	6144
24	$\mathcal{O}(0; \{24, 8^5, 6^3, 3^3, 2\})$	43008
24	$\mathcal{O}(0; \{24, 8^5, 6^3, 4^2, 2^2\})$	24576
24	$\mathcal{O}(0; \{24, 8^5, 6^4, 3, 2^2\})$	22528
24	$\mathcal{O}(0; \{24, 8^5, 6^6\})$	43008
24	$\mathcal{O}(0; \{24, 8^7, 4, 3^3, 2\})$	196608
24	$\mathcal{O}(0; \{24, 8^7, 6, 4, 3, 2^2\})$	65536
24	$\mathcal{O}(0; \{24, 8^7, 6^3, 4\})$	196608
24	$\mathcal{O}(0; \{24, 8^9, 6, 3\})$	524288
24	$\mathcal{O}(0; \{24, 12, 8, 4, 3^2, 2^{11}\})$	96
24	$\mathcal{O}(0; \{24, 12, 8, 4, 3^5, 2^7\})$	672
24	$\mathcal{O}(0; \{24, 12, 8, 4, 3^8, 2^3\})$	5472
24	$\mathcal{O}(0; \{24, 12, 8, 4^3, 3^2, 2^8\})$	384
24	$\mathcal{O}(0; \{24, 12, 8, 4^3, 3^5, 2^4\})$	2688

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12, 8, 4^3, 3^8\})$	21888
24	$\mathcal{O}(0; \{24, 12, 8, 4^5, 3^2, 2^5\})$	1536
24	$\mathcal{O}(0; \{24, 12, 8, 4^5, 3^5, 2\})$	10752
24	$\mathcal{O}(0; \{24, 12, 8, 4^7, 3^2, 2^2\})$	6144
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4, 2^{12}\})$	32
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4, 3^3, 2^8\})$	352
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4, 3^6, 2^4\})$	2720
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4, 3^9\})$	21856
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^3, 2^9\})$	128
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^3, 3^3, 2^5\})$	1408
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^3, 3^6, 2\})$	10880
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^5, 2^6\})$	512
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^5, 3^3, 2^2\})$	5632
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^7, 2^3\})$	2048
24	$\mathcal{O}(0; \{24, 12, 8, 6, 4^9\})$	8192
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4, 3, 2^9\})$	160
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4, 3^4, 2^5\})$	1376
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4, 3^7, 2\})$	10912
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^3, 3, 2^6\})$	640
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^3, 3^4, 2^2\})$	5504
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^5, 3, 2^3\})$	2560
24	$\mathcal{O}(0; \{24, 12, 8, 6^2, 4^7, 3\})$	10240
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4, 3^2, 2^6\})$	672
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4, 3^5, 2^2\})$	5472
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4^3, 3^2, 2^3\})$	2688
24	$\mathcal{O}(0; \{24, 12, 8, 6^3, 4^5, 3^2\})$	10752
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 4, 2^7\})$	352
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 4, 3^3, 2^3\})$	2720
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 4^3, 2^4\})$	1408
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 4^3, 3^3\})$	10880
24	$\mathcal{O}(0; \{24, 12, 8, 6^4, 4^5, 2\})$	5632
24	$\mathcal{O}(0; \{24, 12, 8, 6^5, 4, 3, 2^4\})$	1376
24	$\mathcal{O}(0; \{24, 12, 8, 6^5, 4, 3^4\})$	10912
24	$\mathcal{O}(0; \{24, 12, 8, 6^5, 4^3, 3, 2\})$	5504
24	$\mathcal{O}(0; \{24, 12, 8, 6^6, 4, 3^2, 2\})$	5472
24	$\mathcal{O}(0; \{24, 12, 8, 6^7, 4, 2^2\})$	2720
24	$\mathcal{O}(0; \{24, 12, 8^3, 3^2, 2^9\})$	768
24	$\mathcal{O}(0; \{24, 12, 8^3, 3^5, 2^5\})$	5376
24	$\mathcal{O}(0; \{24, 12, 8^3, 3^8, 2\})$	43776
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^2, 3^2, 2^6\})$	3072
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^2, 3^5, 2^2\})$	21504
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^4, 3^2, 2^3\})$	12288
24	$\mathcal{O}(0; \{24, 12, 8^3, 4^6, 3^2\})$	49152

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 2^{10}\})$	256
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 3^3, 2^6\})$	2816
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 3^6, 2^2\})$	21760
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4^2, 2^7\})$	1024
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4^2, 3^3, 2^3\})$	11264
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4^4, 2^4\})$	4096
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4^4, 3^3\})$	45056
24	$\mathcal{O}(0; \{24, 12, 8^3, 6, 4^6, 2\})$	16384
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 3, 2^7\})$	1280
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 3^4, 2^3\})$	11008
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 4^2, 3, 2^4\})$	5120
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 4^2, 3^4\})$	44032
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^2, 4^4, 3, 2\})$	20480
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^3, 3^2, 2^4\})$	5376
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^3, 3^5\})$	43776
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^3, 4^2, 3^2, 2\})$	21504
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^4, 2^5\})$	2816
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^4, 3^3, 2\})$	21760
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^4, 4^2, 2^2\})$	11264
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^5, 3, 2^2\})$	11008
24	$\mathcal{O}(0; \{24, 12, 8^3, 6^7\})$	21760
24	$\mathcal{O}(0; \{24, 12, 8^5, 4, 3^2, 2^4\})$	24576
24	$\mathcal{O}(0; \{24, 12, 8^5, 4, 3^5\})$	172032
24	$\mathcal{O}(0; \{24, 12, 8^5, 4^3, 3^2, 2\})$	98304
24	$\mathcal{O}(0; \{24, 12, 8^5, 6, 4, 2^5\})$	8192
24	$\mathcal{O}(0; \{24, 12, 8^5, 6, 4, 3^3, 2\})$	90112
24	$\mathcal{O}(0; \{24, 12, 8^5, 6, 4^3, 2^2\})$	32768
24	$\mathcal{O}(0; \{24, 12, 8^5, 6^2, 4, 3, 2^2\})$	40960
24	$\mathcal{O}(0; \{24, 12, 8^5, 6^4, 4\})$	90112
24	$\mathcal{O}(0; \{24, 12, 8^7, 3^2, 2^2\})$	196608
24	$\mathcal{O}(0; \{24, 12, 8^7, 6, 2^3\})$	65536
24	$\mathcal{O}(0; \{24, 12, 8^7, 6, 4^2\})$	262144
24	$\mathcal{O}(0; \{24, 12, 8^7, 6^2, 3\})$	327680
24	$\mathcal{O}(0; \{24, 12^2, 8, 3, 2^{12}\})$	96
24	$\mathcal{O}(0; \{24, 12^2, 8, 3^4, 2^8\})$	672
24	$\mathcal{O}(0; \{24, 12^2, 8, 3^7, 2^4\})$	5472
24	$\mathcal{O}(0; \{24, 12^2, 8, 3^{10}\})$	43680
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^2, 3, 2^9\})$	384
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^2, 3^4, 2^5\})$	2688
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^2, 3^7, 2\})$	21888
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^4, 3, 2^6\})$	1536
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^4, 3^4, 2^2\})$	10752
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^6, 3, 2^3\})$	6144

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12^2, 8, 4^8, 3\})$	24576
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 3^2, 2^9\})$	352
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 3^5, 2^5\})$	2720
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 3^8, 2\})$	21856
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^2, 3^2, 2^6\})$	1408
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^2, 3^5, 2^2\})$	10880
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^4, 3^2, 2^3\})$	5632
24	$\mathcal{O}(0; \{24, 12^2, 8, 6, 4^6, 3^2\})$	22528
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 2^{10}\})$	160
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 3^3, 2^6\})$	1376
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 3^6, 2^2\})$	10912
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4^2, 2^7\})$	640
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4^2, 3^3, 2^3\})$	5504
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4^4, 2^4\})$	2560
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4^4, 3^3\})$	22016
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^2, 4^6, 2\})$	10240
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 3, 2^7\})$	672
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 3^4, 2^3\})$	5472
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 4^2, 3, 2^4\})$	2688
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 4^2, 3^4\})$	21888
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^3, 4^4, 3, 2\})$	10752
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^4, 3^2, 2^4\})$	2720
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^4, 3^5\})$	21856
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^4, 4^2, 3^2, 2\})$	10880
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^5, 2^5\})$	1376
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^5, 3^3, 2\})$	10912
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^5, 4^2, 2^2\})$	5504
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^6, 3, 2^2\})$	5472
24	$\mathcal{O}(0; \{24, 12^2, 8, 6^8\})$	10912
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4, 3, 2^7\})$	3072
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4, 3^4, 2^3\})$	21504
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4^3, 3, 2^4\})$	12288
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4^3, 3^4\})$	86016
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 4^5, 3, 2\})$	49152
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6, 4, 3^2, 2^4\})$	11264
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6, 4, 3^5\})$	87040
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6, 4^3, 3^2, 2\})$	45056
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^2, 4, 2^5\})$	5120
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^2, 4, 3^3, 2\})$	44032
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^2, 4^3, 2^2\})$	20480
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^3, 4, 3, 2^2\})$	21504
24	$\mathcal{O}(0; \{24, 12^2, 8^3, 6^5, 4\})$	44032
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 3, 2^5\})$	24576

Continued on next page

Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 3^4, 2\})$	172032
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 4^2, 3, 2^2\})$	98304
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 6, 3^2, 2^2\})$	90112
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 6^2, 2^3\})$	40960
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 6^2, 4^2\})$	163840
24	$\mathcal{O}(0; \{24, 12^2, 8^5, 6^3, 3\})$	172032
24	$\mathcal{O}(0; \{24, 12^2, 8^7, 4, 3\})$	786432
24	$\mathcal{O}(0; \{24, 12^3, 8, 4, 2^{10}\})$	384
24	$\mathcal{O}(0; \{24, 12^3, 8, 4, 3^3, 2^6\})$	2688
24	$\mathcal{O}(0; \{24, 12^3, 8, 4, 3^6, 2^2\})$	21888
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^3, 2^7\})$	1536
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^3, 3^3, 2^3\})$	10752
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^5, 2^4\})$	6144
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^5, 3^3\})$	43008
24	$\mathcal{O}(0; \{24, 12^3, 8, 4^7, 2\})$	24576
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4, 3, 2^7\})$	1408
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4, 3^4, 2^3\})$	10880
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4^3, 3, 2^4\})$	5632
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4^3, 3^4\})$	43520
24	$\mathcal{O}(0; \{24, 12^3, 8, 6, 4^5, 3, 2\})$	22528
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^2, 4, 3^2, 2^4\})$	5504
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^2, 4, 3^5\})$	43648
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^2, 4^3, 3^2, 2\})$	22016
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^3, 4, 2^5\})$	2688
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^3, 4, 3^3, 2\})$	21888
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^3, 4^3, 2^2\})$	10752
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^4, 4, 3, 2^2\})$	10880
24	$\mathcal{O}(0; \{24, 12^3, 8, 6^6, 4\})$	21888
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 2^8\})$	3072
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 3^3, 2^4\})$	21504
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 3^6\})$	175104
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 4^2, 2^5\})$	12288
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 4^2, 3^3, 2\})$	86016
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 4^4, 2^2\})$	49152
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6, 3, 2^5\})$	11264
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6, 3^4, 2\})$	87040
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6, 4^2, 3, 2^2\})$	45056
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6^2, 3^2, 2^2\})$	44032
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6^3, 2^3\})$	21504
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6^3, 4^2\})$	86016
24	$\mathcal{O}(0; \{24, 12^3, 8^3, 6^4, 3\})$	87040
24	$\mathcal{O}(0; \{24, 12^3, 8^5, 4, 2^3\})$	98304
24	$\mathcal{O}(0; \{24, 12^3, 8^5, 4^3\})$	393216

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12^3, 8^5, 6, 4, 3\})$	360448
24	$\mathcal{O}(0; \{24, 12^3, 8^7, 2\})$	786432
24	$\mathcal{O}(0; \{24, 12^4, 8, 3^2, 2^7\})$	2688
24	$\mathcal{O}(0; \{24, 12^4, 8, 3^5, 2^3\})$	21888
24	$\mathcal{O}(0; \{24, 12^4, 8, 4^2, 3^2, 2^4\})$	10752
24	$\mathcal{O}(0; \{24, 12^4, 8, 4^2, 3^5\})$	87552
24	$\mathcal{O}(0; \{24, 12^4, 8, 4^4, 3^2, 2\})$	43008
24	$\mathcal{O}(0; \{24, 12^4, 8, 6, 2^8\})$	1408
24	$\mathcal{O}(0; \{24, 12^4, 8, 6, 3^3, 2^4\})$	10880
24	$\mathcal{O}(0; \{24, 12^4, 8, 6, 3^6\})$	87424
24	$\mathcal{O}(0; \{24, 12^4, 8, 6, 4^2, 2^5\})$	5632
24	$\mathcal{O}(0; \{24, 12^4, 8, 6, 4^2, 3^3, 2\})$	43520
24	$\mathcal{O}(0; \{24, 12^4, 8, 6, 4^4, 2^2\})$	22528
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^2, 3, 2^5\})$	5504
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^2, 3^4, 2\})$	43648
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^2, 4^2, 3, 2^2\})$	22016
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^3, 3^2, 2^2\})$	21888
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^4, 2^3\})$	10880
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^4, 4^2\})$	43520
24	$\mathcal{O}(0; \{24, 12^4, 8, 6^5, 3\})$	43648
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 4, 3^2, 2^2\})$	86016
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 6, 4, 2^3\})$	45056
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 6, 4^3\})$	180224
24	$\mathcal{O}(0; \{24, 12^4, 8^3, 6^2, 4, 3\})$	176128
24	$\mathcal{O}(0; \{24, 12^4, 8^5, 3^2\})$	688128
24	$\mathcal{O}(0; \{24, 12^4, 8^5, 6, 2\})$	360448
24	$\mathcal{O}(0; \{24, 12^5, 8, 4, 3, 2^5\})$	10752
24	$\mathcal{O}(0; \{24, 12^5, 8, 4, 3^4, 2\})$	87552
24	$\mathcal{O}(0; \{24, 12^5, 8, 4^3, 3, 2^2\})$	43008
24	$\mathcal{O}(0; \{24, 12^5, 8, 6, 4, 3^2, 2^2\})$	43520
24	$\mathcal{O}(0; \{24, 12^5, 8, 6^2, 4, 2^3\})$	22016
24	$\mathcal{O}(0; \{24, 12^5, 8, 6^2, 4^3\})$	88064
24	$\mathcal{O}(0; \{24, 12^5, 8, 6^3, 4, 3\})$	87552
24	$\mathcal{O}(0; \{24, 12^5, 8^3, 3, 2^3\})$	86016
24	$\mathcal{O}(0; \{24, 12^5, 8^3, 4^2, 3\})$	344064
24	$\mathcal{O}(0; \{24, 12^5, 8^3, 6, 3^2\})$	348160
24	$\mathcal{O}(0; \{24, 12^5, 8^3, 6^2, 2\})$	176128
24	$\mathcal{O}(0; \{24, 12^6, 8, 2^6\})$	10752
24	$\mathcal{O}(0; \{24, 12^6, 8, 3^3, 2^2\})$	87552
24	$\mathcal{O}(0; \{24, 12^6, 8, 4^2, 2^3\})$	43008
24	$\mathcal{O}(0; \{24, 12^6, 8, 4^4\})$	172032
24	$\mathcal{O}(0; \{24, 12^6, 8, 6, 3, 2^3\})$	43520
24	$\mathcal{O}(0; \{24, 12^6, 8, 6, 4^2, 3\})$	174080

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24, 12^6, 8, 6^2, 3^2\})$	174592
24	$\mathcal{O}(0; \{24, 12^6, 8, 6^3, 2\})$	87552
24	$\mathcal{O}(0; \{24, 12^6, 8^3, 4, 2\})$	344064
24	$\mathcal{O}(0; \{24, 12^7, 8, 4, 3^2\})$	350208
24	$\mathcal{O}(0; \{24, 12^7, 8, 6, 4, 2\})$	174080
24	$\mathcal{O}(0; \{24, 12^8, 8, 3, 2\})$	350208
24	$\mathcal{O}(0; \{24^2, 4, 3, 2^{14}\})$	16
24	$\mathcal{O}(0; \{24^2, 4, 3^4, 2^{10}\})$	176
24	$\mathcal{O}(0; \{24^2, 4, 3^7, 2^6\})$	1360
24	$\mathcal{O}(0; \{24^2, 4, 3^{10}, 2^2\})$	10928
24	$\mathcal{O}(0; \{24^2, 4^3, 3, 2^{11}\})$	64
24	$\mathcal{O}(0; \{24^2, 4^3, 3^4, 2^7\})$	704
24	$\mathcal{O}(0; \{24^2, 4^3, 3^7, 2^3\})$	5440
24	$\mathcal{O}(0; \{24^2, 4^5, 3, 2^8\})$	256
24	$\mathcal{O}(0; \{24^2, 4^5, 3^4, 2^4\})$	2816
24	$\mathcal{O}(0; \{24^2, 4^5, 3^7\})$	21760
24	$\mathcal{O}(0; \{24^2, 4^7, 3, 2^5\})$	1024
24	$\mathcal{O}(0; \{24^2, 4^7, 3^4, 2\})$	11264
24	$\mathcal{O}(0; \{24^2, 4^9, 3, 2^2\})$	4096
24	$\mathcal{O}(0; \{24^2, 6, 4, 3^2, 2^{11}\})$	80
24	$\mathcal{O}(0; \{24^2, 6, 4, 3^5, 2^7\})$	688
24	$\mathcal{O}(0; \{24^2, 6, 4, 3^8, 2^3\})$	5456
24	$\mathcal{O}(0; \{24^2, 6, 4^3, 3^2, 2^8\})$	320
24	$\mathcal{O}(0; \{24^2, 6, 4^3, 3^5, 2^4\})$	2752
24	$\mathcal{O}(0; \{24^2, 6, 4^3, 3^8\})$	21824
24	$\mathcal{O}(0; \{24^2, 6, 4^5, 3^2, 2^5\})$	1280
24	$\mathcal{O}(0; \{24^2, 6, 4^5, 3^5, 2\})$	11008
24	$\mathcal{O}(0; \{24^2, 6, 4^7, 3^2, 2^2\})$	5120
24	$\mathcal{O}(0; \{24^2, 6^2, 4, 2^{12}\})$	48
24	$\mathcal{O}(0; \{24^2, 6^2, 4, 3^3, 2^8\})$	336
24	$\mathcal{O}(0; \{24^2, 6^2, 4, 3^6, 2^4\})$	2736
24	$\mathcal{O}(0; \{24^2, 6^2, 4, 3^9\})$	21840
24	$\mathcal{O}(0; \{24^2, 6^2, 4^3, 2^9\})$	192
24	$\mathcal{O}(0; \{24^2, 6^2, 4^3, 3^3, 2^5\})$	1344
24	$\mathcal{O}(0; \{24^2, 6^2, 4^3, 3^6, 2\})$	10944
24	$\mathcal{O}(0; \{24^2, 6^2, 4^5, 2^6\})$	768
24	$\mathcal{O}(0; \{24^2, 6^2, 4^5, 3^3, 2^2\})$	5376
24	$\mathcal{O}(0; \{24^2, 6^2, 4^7, 2^3\})$	3072
24	$\mathcal{O}(0; \{24^2, 6^2, 4^9\})$	12288
24	$\mathcal{O}(0; \{24^2, 6^3, 4, 3, 2^9\})$	176
24	$\mathcal{O}(0; \{24^2, 6^3, 4, 3^4, 2^5\})$	1360
24	$\mathcal{O}(0; \{24^2, 6^3, 4, 3^7, 2\})$	10928
24	$\mathcal{O}(0; \{24^2, 6^3, 4^3, 3, 2^6\})$	704

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 6^3, 4^3, 3^4, 2^2\})$	5440
24	$\mathcal{O}(0; \{24^2, 6^3, 4^5, 3, 2^3\})$	2816
24	$\mathcal{O}(0; \{24^2, 6^3, 4^7, 3\})$	11264
24	$\mathcal{O}(0; \{24^2, 6^4, 4, 3^2, 2^6\})$	688
24	$\mathcal{O}(0; \{24^2, 6^4, 4, 3^5, 2^2\})$	5456
24	$\mathcal{O}(0; \{24^2, 6^4, 4^3, 3^2, 2^3\})$	2752
24	$\mathcal{O}(0; \{24^2, 6^4, 4^5, 3^2\})$	11008
24	$\mathcal{O}(0; \{24^2, 6^5, 4, 2^7\})$	336
24	$\mathcal{O}(0; \{24^2, 6^5, 4, 3^3, 2^3\})$	2736
24	$\mathcal{O}(0; \{24^2, 6^5, 4^3, 2^4\})$	1344
24	$\mathcal{O}(0; \{24^2, 6^5, 4^3, 3^3\})$	10944
24	$\mathcal{O}(0; \{24^2, 6^5, 4^5, 2\})$	5376
24	$\mathcal{O}(0; \{24^2, 6^6, 4, 3, 2^4\})$	1360
24	$\mathcal{O}(0; \{24^2, 6^6, 4, 3^4\})$	10928
24	$\mathcal{O}(0; \{24^2, 6^6, 4^3, 3, 2\})$	5440
24	$\mathcal{O}(0; \{24^2, 6^7, 4, 3^2, 2\})$	5456
24	$\mathcal{O}(0; \{24^2, 6^8, 4, 2^2\})$	2736
24	$\mathcal{O}(0; \{24^2, 8^2, 3, 2^{12}\})$	128
24	$\mathcal{O}(0; \{24^2, 8^2, 3^4, 2^8\})$	1408
24	$\mathcal{O}(0; \{24^2, 8^2, 3^7, 2^4\})$	10880
24	$\mathcal{O}(0; \{24^2, 8^2, 3^{10}\})$	87424
24	$\mathcal{O}(0; \{24^2, 8^2, 4^2, 3, 2^9\})$	512
24	$\mathcal{O}(0; \{24^2, 8^2, 4^2, 3^4, 2^5\})$	5632
24	$\mathcal{O}(0; \{24^2, 8^2, 4^2, 3^7, 2\})$	43520
24	$\mathcal{O}(0; \{24^2, 8^2, 4^4, 3, 2^6\})$	2048
24	$\mathcal{O}(0; \{24^2, 8^2, 4^4, 3^4, 2^2\})$	22528
24	$\mathcal{O}(0; \{24^2, 8^2, 4^6, 3, 2^3\})$	8192
24	$\mathcal{O}(0; \{24^2, 8^2, 4^8, 3\})$	32768
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 3^2, 2^9\})$	640
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 3^5, 2^5\})$	5504
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 3^8, 2\})$	43648
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^2, 3^2, 2^6\})$	2560
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^2, 3^5, 2^2\})$	22016
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^4, 3^2, 2^3\})$	10240
24	$\mathcal{O}(0; \{24^2, 8^2, 6, 4^6, 3^2\})$	40960
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 2^{10}\})$	384
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 3^3, 2^6\})$	2688
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 3^6, 2^2\})$	21888
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4^2, 2^7\})$	1536
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4^2, 3^3, 2^3\})$	10752
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4^4, 2^4\})$	6144
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4^4, 3^3\})$	43008
24	$\mathcal{O}(0; \{24^2, 8^2, 6^2, 4^6, 2\})$	24576

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 3, 2^7\})$	1408
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 3^4, 2^3\})$	10880
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 4^2, 3, 2^4\})$	5632
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 4^2, 3^4\})$	43520
24	$\mathcal{O}(0; \{24^2, 8^2, 6^3, 4^4, 3, 2\})$	22528
24	$\mathcal{O}(0; \{24^2, 8^2, 6^4, 3^2, 2^4\})$	5504
24	$\mathcal{O}(0; \{24^2, 8^2, 6^4, 3^5\})$	43648
24	$\mathcal{O}(0; \{24^2, 8^2, 6^4, 4^2, 3^2, 2\})$	22016
24	$\mathcal{O}(0; \{24^2, 8^2, 6^5, 2^5\})$	2688
24	$\mathcal{O}(0; \{24^2, 8^2, 6^5, 3^3, 2\})$	21888
24	$\mathcal{O}(0; \{24^2, 8^2, 6^5, 4^2, 2^2\})$	10752
24	$\mathcal{O}(0; \{24^2, 8^2, 6^6, 3, 2^2\})$	10880
24	$\mathcal{O}(0; \{24^2, 8^2, 6^8\})$	21888
24	$\mathcal{O}(0; \{24^2, 8^4, 4, 3, 2^7\})$	4096
24	$\mathcal{O}(0; \{24^2, 8^4, 4, 3^4, 2^3\})$	45056
24	$\mathcal{O}(0; \{24^2, 8^4, 4^3, 3, 2^4\})$	16384
24	$\mathcal{O}(0; \{24^2, 8^4, 4^3, 3^4\})$	180224
24	$\mathcal{O}(0; \{24^2, 8^4, 4^5, 3, 2\})$	65536
24	$\mathcal{O}(0; \{24^2, 8^4, 6, 4, 3^2, 2^4\})$	20480
24	$\mathcal{O}(0; \{24^2, 8^4, 6, 4, 3^5\})$	176128
24	$\mathcal{O}(0; \{24^2, 8^4, 6, 4^3, 3^2, 2\})$	81920
24	$\mathcal{O}(0; \{24^2, 8^4, 6^2, 4, 2^5\})$	12288
24	$\mathcal{O}(0; \{24^2, 8^4, 6^2, 4, 3^3, 2\})$	86016
24	$\mathcal{O}(0; \{24^2, 8^4, 6^2, 4^3, 2^2\})$	49152
24	$\mathcal{O}(0; \{24^2, 8^4, 6^3, 4, 3, 2^2\})$	45056
24	$\mathcal{O}(0; \{24^2, 8^4, 6^5, 4\})$	86016
24	$\mathcal{O}(0; \{24^2, 8^6, 3, 2^5\})$	32768
24	$\mathcal{O}(0; \{24^2, 8^6, 3^4, 2\})$	360448
24	$\mathcal{O}(0; \{24^2, 8^6, 4^2, 3, 2^2\})$	131072
24	$\mathcal{O}(0; \{24^2, 8^6, 6, 3^2, 2^2\})$	163840
24	$\mathcal{O}(0; \{24^2, 8^6, 6^2, 2^3\})$	98304
24	$\mathcal{O}(0; \{24^2, 8^6, 6^2, 4^2\})$	393216
24	$\mathcal{O}(0; \{24^2, 8^6, 6^3, 3\})$	360448
24	$\mathcal{O}(0; \{24^2, 8^8, 4, 3\})$	1048576
24	$\mathcal{O}(0; \{24^2, 12, 2^{15}\})$	16
24	$\mathcal{O}(0; \{24^2, 12, 3^3, 2^{11}\})$	176
24	$\mathcal{O}(0; \{24^2, 12, 3^6, 2^7\})$	1360
24	$\mathcal{O}(0; \{24^2, 12, 3^9, 2^3\})$	10928
24	$\mathcal{O}(0; \{24^2, 12, 4^2, 2^{12}\})$	64
24	$\mathcal{O}(0; \{24^2, 12, 4^2, 3^3, 2^8\})$	704
24	$\mathcal{O}(0; \{24^2, 12, 4^2, 3^6, 2^4\})$	5440
24	$\mathcal{O}(0; \{24^2, 12, 4^2, 3^9\})$	43712
24	$\mathcal{O}(0; \{24^2, 12, 4^4, 2^9\})$	256

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12, 4^4, 3^3, 2^5\})$	2816
24	$\mathcal{O}(0; \{24^2, 12, 4^4, 3^6, 2\})$	21760
24	$\mathcal{O}(0; \{24^2, 12, 4^6, 2^6\})$	1024
24	$\mathcal{O}(0; \{24^2, 12, 4^6, 3^3, 2^2\})$	11264
24	$\mathcal{O}(0; \{24^2, 12, 4^8, 2^3\})$	4096
24	$\mathcal{O}(0; \{24^2, 12, 4^{10}\})$	16384
24	$\mathcal{O}(0; \{24^2, 12, 6, 3, 2^{12}\})$	80
24	$\mathcal{O}(0; \{24^2, 12, 6, 3^4, 2^8\})$	688
24	$\mathcal{O}(0; \{24^2, 12, 6, 3^7, 2^4\})$	5456
24	$\mathcal{O}(0; \{24^2, 12, 6, 3^{10}\})$	43696
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^2, 3, 2^9\})$	320
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^2, 3^4, 2^5\})$	2752
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^2, 3^7, 2\})$	21824
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^4, 3, 2^6\})$	1280
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^4, 3^4, 2^2\})$	11008
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^6, 3, 2^3\})$	5120
24	$\mathcal{O}(0; \{24^2, 12, 6, 4^8, 3\})$	20480
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 3^2, 2^9\})$	336
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 3^5, 2^5\})$	2736
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 3^8, 2\})$	21840
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^2, 3^2, 2^6\})$	1344
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^2, 3^5, 2^2\})$	10944
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^4, 3^2, 2^3\})$	5376
24	$\mathcal{O}(0; \{24^2, 12, 6^2, 4^6, 3^2\})$	21504
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 2^{10}\})$	176
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 3^3, 2^6\})$	1360
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 3^6, 2^2\})$	10928
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4^2, 2^7\})$	704
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4^2, 3^3, 2^3\})$	5440
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4^4, 2^4\})$	2816
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4^4, 3^3\})$	21760
24	$\mathcal{O}(0; \{24^2, 12, 6^3, 4^6, 2\})$	11264
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 3, 2^7\})$	688
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 3^4, 2^3\})$	5456
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 4^2, 3, 2^4\})$	2752
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 4^2, 3^4\})$	21824
24	$\mathcal{O}(0; \{24^2, 12, 6^4, 4^4, 3, 2\})$	11008
24	$\mathcal{O}(0; \{24^2, 12, 6^5, 3^2, 2^4\})$	2736
24	$\mathcal{O}(0; \{24^2, 12, 6^5, 3^5\})$	21840
24	$\mathcal{O}(0; \{24^2, 12, 6^5, 4^2, 3^2, 2\})$	10944
24	$\mathcal{O}(0; \{24^2, 12, 6^6, 2^5\})$	1360
24	$\mathcal{O}(0; \{24^2, 12, 6^6, 3^3, 2\})$	10928
24	$\mathcal{O}(0; \{24^2, 12, 6^6, 4^2, 2^2\})$	5440

Continued on next page

Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12, 6^7, 3, 2^2\})$	5456
24	$\mathcal{O}(0; \{24^2, 12, 6^9\})$	10928
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4, 2^{10}\})$	512
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4, 3^3, 2^6\})$	5632
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4, 3^6, 2^2\})$	43520
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^3, 2^7\})$	2048
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^3, 3^3, 2^3\})$	22528
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^5, 2^4\})$	8192
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^5, 3^3\})$	90112
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 4^7, 2\})$	32768
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4, 3, 2^7\})$	2560
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4, 3^4, 2^3\})$	22016
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4^3, 3, 2^4\})$	10240
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4^3, 3^4\})$	88064
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6, 4^5, 3, 2\})$	40960
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^2, 4, 3^2, 2^4\})$	10752
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^2, 4, 3^5\})$	87552
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^2, 4^3, 3^2, 2\})$	43008
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^3, 4, 2^5\})$	5632
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^3, 4, 3^3, 2\})$	43520
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^3, 4^3, 2^2\})$	22528
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^4, 4, 3, 2^2\})$	22016
24	$\mathcal{O}(0; \{24^2, 12, 8^2, 6^6, 4\})$	43520
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 2^8\})$	4096
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 3^3, 2^4\})$	45056
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 3^6\})$	348160
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 4^2, 2^5\})$	16384
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 4^2, 3^3, 2\})$	180224
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 4^4, 2^2\})$	65536
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6, 3, 2^5\})$	20480
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6, 3^4, 2\})$	176128
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6, 4^2, 3, 2^2\})$	81920
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6^2, 3^2, 2^2\})$	86016
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6^3, 2^3\})$	45056
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6^3, 4^2\})$	180224
24	$\mathcal{O}(0; \{24^2, 12, 8^4, 6^4, 3\})$	176128
24	$\mathcal{O}(0; \{24^2, 12, 8^6, 4, 2^3\})$	131072
24	$\mathcal{O}(0; \{24^2, 12, 8^6, 4^3\})$	524288
24	$\mathcal{O}(0; \{24^2, 12, 8^6, 6, 4, 3\})$	655360
24	$\mathcal{O}(0; \{24^2, 12, 8^8, 2\})$	1048576
24	$\mathcal{O}(0; \{24^2, 12^2, 4, 3^2, 2^9\})$	704
24	$\mathcal{O}(0; \{24^2, 12^2, 4, 3^5, 2^5\})$	5440
24	$\mathcal{O}(0; \{24^2, 12^2, 4, 3^8, 2\})$	43712

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12^2, 4^3, 3^2, 2^6\})$	2816
24	$\mathcal{O}(0; \{24^2, 12^2, 4^3, 3^5, 2^2\})$	21760
24	$\mathcal{O}(0; \{24^2, 12^2, 4^5, 3^2, 2^3\})$	11264
24	$\mathcal{O}(0; \{24^2, 12^2, 4^7, 3^2\})$	45056
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4, 2^{10}\})$	320
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4, 3^3, 2^6\})$	2752
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4, 3^6, 2^2\})$	21824
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^3, 2^7\})$	1280
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^3, 3^3, 2^3\})$	11008
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^5, 2^4\})$	5120
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^5, 3^3\})$	44032
24	$\mathcal{O}(0; \{24^2, 12^2, 6, 4^7, 2\})$	20480
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4, 3, 2^7\})$	1344
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4, 3^4, 2^3\})$	10944
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4^3, 3, 2^4\})$	5376
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4^3, 3^4\})$	43776
24	$\mathcal{O}(0; \{24^2, 12^2, 6^2, 4^5, 3, 2\})$	21504
24	$\mathcal{O}(0; \{24^2, 12^2, 6^3, 4, 3^2, 2^4\})$	5440
24	$\mathcal{O}(0; \{24^2, 12^2, 6^3, 4, 3^5\})$	43712
24	$\mathcal{O}(0; \{24^2, 12^2, 6^3, 4^3, 3^2, 2\})$	21760
24	$\mathcal{O}(0; \{24^2, 12^2, 6^4, 4, 2^5\})$	2752
24	$\mathcal{O}(0; \{24^2, 12^2, 6^4, 4, 3^3, 2\})$	21824
24	$\mathcal{O}(0; \{24^2, 12^2, 6^4, 4^3, 2^2\})$	11008
24	$\mathcal{O}(0; \{24^2, 12^2, 6^5, 4, 3, 2^2\})$	10944
24	$\mathcal{O}(0; \{24^2, 12^2, 6^7, 4\})$	21824
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 3^2, 2^7\})$	5632
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 3^5, 2^3\})$	43520
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 4^2, 3^2, 2^4\})$	22528
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 4^2, 3^5\})$	174080
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 4^4, 3^2, 2\})$	90112
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6, 2^8\})$	2560
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6, 3^3, 2^4\})$	22016
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6, 3^6\})$	174592
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6, 4^2, 2^5\})$	10240
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6, 4^2, 3^3, 2\})$	88064
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6, 4^4, 2^2\})$	40960
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^2, 3, 2^5\})$	10752
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^2, 3^4, 2\})$	87552
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^2, 4^2, 3, 2^2\})$	43008
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^3, 3^2, 2^2\})$	43520
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^4, 2^3\})$	22016
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^4, 4^2\})$	88064
24	$\mathcal{O}(0; \{24^2, 12^2, 8^2, 6^5, 3\})$	87552

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 4, 3^2, 2^2\})$	180224
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 6, 4, 2^3\})$	81920
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 6, 4^3\})$	327680
24	$\mathcal{O}(0; \{24^2, 12^2, 8^4, 6^2, 4, 3\})$	344064
24	$\mathcal{O}(0; \{24^2, 12^2, 8^6, 3^2\})$	1441792
24	$\mathcal{O}(0; \{24^2, 12^2, 8^6, 6, 2\})$	655360
24	$\mathcal{O}(0; \{24^2, 12^3, 3, 2^{10}\})$	704
24	$\mathcal{O}(0; \{24^2, 12^3, 3^4, 2^6\})$	5440
24	$\mathcal{O}(0; \{24^2, 12^3, 3^7, 2^2\})$	43712
24	$\mathcal{O}(0; \{24^2, 12^3, 4^2, 3, 2^7\})$	2816
24	$\mathcal{O}(0; \{24^2, 12^3, 4^2, 3^4, 2^3\})$	21760
24	$\mathcal{O}(0; \{24^2, 12^3, 4^4, 3, 2^4\})$	11264
24	$\mathcal{O}(0; \{24^2, 12^3, 4^4, 3^4\})$	87040
24	$\mathcal{O}(0; \{24^2, 12^3, 4^6, 3, 2\})$	45056
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 3^2, 2^7\})$	2752
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 3^5, 2^3\})$	21824
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 4^2, 3^2, 2^4\})$	11008
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 4^2, 3^5\})$	87296
24	$\mathcal{O}(0; \{24^2, 12^3, 6, 4^4, 3^2, 2\})$	44032
24	$\mathcal{O}(0; \{24^2, 12^3, 6^2, 2^8\})$	1344
24	$\mathcal{O}(0; \{24^2, 12^3, 6^2, 3^3, 2^4\})$	10944
24	$\mathcal{O}(0; \{24^2, 12^3, 6^2, 3^6\})$	87360
24	$\mathcal{O}(0; \{24^2, 12^3, 6^2, 4^2, 2^5\})$	5376
24	$\mathcal{O}(0; \{24^2, 12^3, 6^2, 4^2, 3^3, 2\})$	43776
24	$\mathcal{O}(0; \{24^2, 12^3, 6^2, 4^4, 2^2\})$	21504
24	$\mathcal{O}(0; \{24^2, 12^3, 6^3, 3, 2^5\})$	5440
24	$\mathcal{O}(0; \{24^2, 12^3, 6^3, 3^4, 2\})$	43712
24	$\mathcal{O}(0; \{24^2, 12^3, 6^3, 4^2, 3, 2^2\})$	21760
24	$\mathcal{O}(0; \{24^2, 12^3, 6^4, 3^2, 2^2\})$	21824
24	$\mathcal{O}(0; \{24^2, 12^3, 6^5, 2^3\})$	10944
24	$\mathcal{O}(0; \{24^2, 12^3, 6^5, 4^2\})$	43776
24	$\mathcal{O}(0; \{24^2, 12^3, 6^6, 3\})$	43712
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 4, 3, 2^5\})$	22528
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 4, 3^4, 2\})$	174080
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 4^3, 3, 2^2\})$	90112
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6, 4, 3^2, 2^2\})$	88064
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6^2, 4, 2^3\})$	43008
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6^2, 4^3\})$	172032
24	$\mathcal{O}(0; \{24^2, 12^3, 8^2, 6^3, 4, 3\})$	174080
24	$\mathcal{O}(0; \{24^2, 12^3, 8^4, 3, 2^3\})$	180224
24	$\mathcal{O}(0; \{24^2, 12^3, 8^4, 4^2, 3\})$	720896
24	$\mathcal{O}(0; \{24^2, 12^3, 8^4, 6, 3^2\})$	704512
24	$\mathcal{O}(0; \{24^2, 12^3, 8^4, 6^2, 2\})$	344064

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12^4, 4, 2^8\})$	2816
24	$\mathcal{O}(0; \{24^2, 12^4, 4, 3^3, 2^4\})$	21760
24	$\mathcal{O}(0; \{24^2, 12^4, 4, 3^6\})$	174848
24	$\mathcal{O}(0; \{24^2, 12^4, 4^3, 2^5\})$	11264
24	$\mathcal{O}(0; \{24^2, 12^4, 4^3, 3^3, 2\})$	87040
24	$\mathcal{O}(0; \{24^2, 12^4, 4^5, 2^2\})$	45056
24	$\mathcal{O}(0; \{24^2, 12^4, 6, 4, 3, 2^5\})$	11008
24	$\mathcal{O}(0; \{24^2, 12^4, 6, 4, 3^4, 2\})$	87296
24	$\mathcal{O}(0; \{24^2, 12^4, 6, 4^3, 3, 2^2\})$	44032
24	$\mathcal{O}(0; \{24^2, 12^4, 6^2, 4, 3^2, 2^2\})$	43776
24	$\mathcal{O}(0; \{24^2, 12^4, 6^3, 4, 2^3\})$	21760
24	$\mathcal{O}(0; \{24^2, 12^4, 6^3, 4^3\})$	87040
24	$\mathcal{O}(0; \{24^2, 12^4, 6^4, 4, 3\})$	87296
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 2^6\})$	22528
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 3^3, 2^2\})$	174080
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 4^2, 2^3\})$	90112
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 4^4\})$	360448
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 6, 3, 2^3\})$	88064
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 6, 4^2, 3\})$	352256
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 6^2, 3^2\})$	350208
24	$\mathcal{O}(0; \{24^2, 12^4, 8^2, 6^3, 2\})$	174080
24	$\mathcal{O}(0; \{24^2, 12^4, 8^4, 4, 2\})$	720896
24	$\mathcal{O}(0; \{24^2, 12^5, 3^2, 2^5\})$	21760
24	$\mathcal{O}(0; \{24^2, 12^5, 3^5, 2\})$	174848
24	$\mathcal{O}(0; \{24^2, 12^5, 4^2, 3^2, 2^2\})$	87040
24	$\mathcal{O}(0; \{24^2, 12^5, 6, 2^6\})$	11008
24	$\mathcal{O}(0; \{24^2, 12^5, 6, 3^3, 2^2\})$	87296
24	$\mathcal{O}(0; \{24^2, 12^5, 6, 4^2, 2^3\})$	44032
24	$\mathcal{O}(0; \{24^2, 12^5, 6, 4^4\})$	176128
24	$\mathcal{O}(0; \{24^2, 12^5, 6^2, 3, 2^3\})$	43776
24	$\mathcal{O}(0; \{24^2, 12^5, 6^2, 4^2, 3\})$	175104
24	$\mathcal{O}(0; \{24^2, 12^5, 6^3, 3^2\})$	174848
24	$\mathcal{O}(0; \{24^2, 12^5, 6^4, 2\})$	87296
24	$\mathcal{O}(0; \{24^2, 12^5, 8^2, 4, 3^2\})$	696320
24	$\mathcal{O}(0; \{24^2, 12^5, 8^2, 6, 4, 2\})$	352256
24	$\mathcal{O}(0; \{24^2, 12^6, 4, 3, 2^3\})$	87040
24	$\mathcal{O}(0; \{24^2, 12^6, 4^3, 3\})$	348160
24	$\mathcal{O}(0; \{24^2, 12^6, 6, 4, 3^2\})$	349184
24	$\mathcal{O}(0; \{24^2, 12^6, 6^2, 4, 2\})$	175104
24	$\mathcal{O}(0; \{24^2, 12^6, 8^2, 3, 2\})$	696320
24	$\mathcal{O}(0; \{24^2, 12^7, 2^4\})$	87040
24	$\mathcal{O}(0; \{24^2, 12^7, 3^3\})$	699392
24	$\mathcal{O}(0; \{24^2, 12^7, 4^2, 2\})$	348160

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^2, 12^7, 6, 3, 2\})$	349184
24	$\mathcal{O}(0; \{24^3, 8, 4, 3^2, 2^9\})$	1280
24	$\mathcal{O}(0; \{24^3, 8, 4, 3^5, 2^5\})$	11008
24	$\mathcal{O}(0; \{24^3, 8, 4, 3^8, 2\})$	87296
24	$\mathcal{O}(0; \{24^3, 8, 4^3, 3^2, 2^6\})$	5120
24	$\mathcal{O}(0; \{24^3, 8, 4^3, 3^5, 2^2\})$	44032
24	$\mathcal{O}(0; \{24^3, 8, 4^5, 3^2, 2^3\})$	20480
24	$\mathcal{O}(0; \{24^3, 8, 4^7, 3^2\})$	81920
24	$\mathcal{O}(0; \{24^3, 8, 6, 4, 2^{10}\})$	768
24	$\mathcal{O}(0; \{24^3, 8, 6, 4, 3^3, 2^6\})$	5376
24	$\mathcal{O}(0; \{24^3, 8, 6, 4, 3^6, 2^2\})$	43776
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^3, 2^7\})$	3072
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^3, 3^3, 2^3\})$	21504
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^5, 2^4\})$	12288
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^5, 3^3\})$	86016
24	$\mathcal{O}(0; \{24^3, 8, 6, 4^7, 2\})$	49152
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4, 3, 2^7\})$	2816
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4, 3^4, 2^3\})$	21760
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4^3, 3, 2^4\})$	11264
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4^3, 3^4\})$	87040
24	$\mathcal{O}(0; \{24^3, 8, 6^2, 4^5, 3, 2\})$	45056
24	$\mathcal{O}(0; \{24^3, 8, 6^3, 4, 3^2, 2^4\})$	11008
24	$\mathcal{O}(0; \{24^3, 8, 6^3, 4, 3^5\})$	87296
24	$\mathcal{O}(0; \{24^3, 8, 6^3, 4^3, 3^2, 2\})$	44032
24	$\mathcal{O}(0; \{24^3, 8, 6^4, 4, 2^5\})$	5376
24	$\mathcal{O}(0; \{24^3, 8, 6^4, 4, 3^3, 2\})$	43776
24	$\mathcal{O}(0; \{24^3, 8, 6^4, 4^3, 2^2\})$	21504
24	$\mathcal{O}(0; \{24^3, 8, 6^5, 4, 3, 2^2\})$	21760
24	$\mathcal{O}(0; \{24^3, 8, 6^7, 4\})$	43776
24	$\mathcal{O}(0; \{24^3, 8^3, 3^2, 2^7\})$	10240
24	$\mathcal{O}(0; \{24^3, 8^3, 3^5, 2^3\})$	88064
24	$\mathcal{O}(0; \{24^3, 8^3, 4^2, 3^2, 2^4\})$	40960
24	$\mathcal{O}(0; \{24^3, 8^3, 4^2, 3^5\})$	352256
24	$\mathcal{O}(0; \{24^3, 8^3, 4^4, 3^2, 2\})$	163840
24	$\mathcal{O}(0; \{24^3, 8^3, 6, 2^8\})$	6144
24	$\mathcal{O}(0; \{24^3, 8^3, 6, 3^3, 2^4\})$	43008
24	$\mathcal{O}(0; \{24^3, 8^3, 6, 3^6\})$	350208
24	$\mathcal{O}(0; \{24^3, 8^3, 6, 4^2, 2^5\})$	24576
24	$\mathcal{O}(0; \{24^3, 8^3, 6, 4^2, 3^3, 2\})$	172032
24	$\mathcal{O}(0; \{24^3, 8^3, 6, 4^4, 2^2\})$	98304
24	$\mathcal{O}(0; \{24^3, 8^3, 6^2, 3, 2^5\})$	22528
24	$\mathcal{O}(0; \{24^3, 8^3, 6^2, 3^4, 2\})$	174080
24	$\mathcal{O}(0; \{24^3, 8^3, 6^2, 4^2, 3, 2^2\})$	90112

Continued on next page

Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^3, 8^3, 6^3, 3^2, 2^2\})$	88064
24	$\mathcal{O}(0; \{24^3, 8^3, 6^4, 2^3\})$	43008
24	$\mathcal{O}(0; \{24^3, 8^3, 6^4, 4^2\})$	172032
24	$\mathcal{O}(0; \{24^3, 8^3, 6^5, 3\})$	174080
24	$\mathcal{O}(0; \{24^3, 8^5, 4, 3^2, 2^2\})$	327680
24	$\mathcal{O}(0; \{24^3, 8^5, 6, 4, 2^3\})$	196608
24	$\mathcal{O}(0; \{24^3, 8^5, 6, 4^3\})$	786432
24	$\mathcal{O}(0; \{24^3, 8^5, 6^2, 4, 3\})$	720896
24	$\mathcal{O}(0; \{24^3, 8^7, 3^2\})$	2621440
24	$\mathcal{O}(0; \{24^3, 8^7, 6, 2\})$	1572864
24	$\mathcal{O}(0; \{24^3, 12, 8, 3, 2^{10}\})$	1280
24	$\mathcal{O}(0; \{24^3, 12, 8, 3^4, 2^6\})$	11008
24	$\mathcal{O}(0; \{24^3, 12, 8, 3^7, 2^2\})$	87296
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^2, 3, 2^7\})$	5120
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^2, 3^4, 2^3\})$	44032
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^4, 3, 2^4\})$	20480
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^4, 3^4\})$	176128
24	$\mathcal{O}(0; \{24^3, 12, 8, 4^6, 3, 2\})$	81920
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 3^2, 2^7\})$	5376
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 3^5, 2^3\})$	43776
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 4^2, 3^2, 2^4\})$	21504
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 4^2, 3^5\})$	175104
24	$\mathcal{O}(0; \{24^3, 12, 8, 6, 4^4, 3^2, 2\})$	86016
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^2, 2^8\})$	2816
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^2, 3^3, 2^4\})$	21760
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^2, 3^6\})$	174848
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^2, 4^2, 2^5\})$	11264
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^2, 4^2, 3^3, 2\})$	87040
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^2, 4^4, 2^2\})$	45056
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^3, 3, 2^5\})$	11008
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^3, 3^4, 2\})$	87296
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^3, 4^2, 3, 2^2\})$	44032
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^4, 3^2, 2^2\})$	43776
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^5, 2^3\})$	21760
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^5, 4^2\})$	87040
24	$\mathcal{O}(0; \{24^3, 12, 8, 6^6, 3\})$	87296
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 4, 3, 2^5\})$	40960
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 4, 3^4, 2\})$	352256
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 4^3, 3, 2^2\})$	163840
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6, 4, 3^2, 2^2\})$	172032
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6^2, 4, 2^3\})$	90112
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6^2, 4^3\})$	360448
24	$\mathcal{O}(0; \{24^3, 12, 8^3, 6^3, 4, 3\})$	352256

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^3, 12, 8^5, 3, 2^3\})$	327680
24	$\mathcal{O}(0; \{24^3, 12, 8^5, 4^2, 3\})$	1310720
24	$\mathcal{O}(0; \{24^3, 12, 8^5, 6, 3^2\})$	1376256
24	$\mathcal{O}(0; \{24^3, 12, 8^5, 6^2, 2\})$	720896
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 4, 2^8\})$	5120
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 4, 3^3, 2^4\})$	44032
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 4, 3^6\})$	349184
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 4^3, 2^5\})$	20480
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 4^3, 3^3, 2\})$	176128
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 4^5, 2^2\})$	81920
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6, 4, 3, 2^5\})$	21504
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6, 4, 3^4, 2\})$	175104
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6, 4^3, 3, 2^2\})$	86016
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^2, 4, 3^2, 2^2\})$	87040
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^3, 4, 2^3\})$	44032
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^3, 4^3\})$	176128
24	$\mathcal{O}(0; \{24^3, 12^2, 8, 6^4, 4, 3\})$	175104
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 2^6\})$	40960
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 3^3, 2^2\})$	352256
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 4^2, 2^3\})$	163840
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 4^4\})$	655360
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 6, 3, 2^3\})$	172032
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 6, 4^2, 3\})$	688128
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 6^2, 3^2\})$	696320
24	$\mathcal{O}(0; \{24^3, 12^2, 8^3, 6^3, 2\})$	352256
24	$\mathcal{O}(0; \{24^3, 12^2, 8^5, 4, 2\})$	1310720
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 3^2, 2^5\})$	44032
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 3^5, 2\})$	349184
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 4^2, 3^2, 2^2\})$	176128
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6, 2^6\})$	21504
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6, 3^3, 2^2\})$	175104
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6, 4^2, 2^3\})$	86016
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6, 4^4\})$	344064
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6^2, 3, 2^3\})$	87040
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6^2, 4^2, 3\})$	348160
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6^3, 3^2\})$	349184
24	$\mathcal{O}(0; \{24^3, 12^3, 8, 6^4, 2\})$	175104
24	$\mathcal{O}(0; \{24^3, 12^3, 8^3, 4, 3^2\})$	1409024
24	$\mathcal{O}(0; \{24^3, 12^3, 8^3, 6, 4, 2\})$	688128
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 4, 3, 2^3\})$	176128
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 4^3, 3\})$	704512
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 6, 4, 3^2\})$	700416
24	$\mathcal{O}(0; \{24^3, 12^4, 8, 6^2, 4, 2\})$	348160

Continued on next page

Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^3, 12^4, 8^3, 3, 2\})$	1409024
24	$\mathcal{O}(0; \{24^3, 12^5, 8, 2^4\})$	176128
24	$\mathcal{O}(0; \{24^3, 12^5, 8, 3^3\})$	1396736
24	$\mathcal{O}(0; \{24^3, 12^5, 8, 4^2, 2\})$	704512
24	$\mathcal{O}(0; \{24^3, 12^5, 8, 6, 3, 2\})$	700416
24	$\mathcal{O}(0; \{24^4, 2^{13}\})$	384
24	$\mathcal{O}(0; \{24^4, 3^3, 2^9\})$	2688
24	$\mathcal{O}(0; \{24^4, 3^6, 2^5\})$	21888
24	$\mathcal{O}(0; \{24^4, 3^9, 2\})$	174720
24	$\mathcal{O}(0; \{24^4, 4^2, 2^{10}\})$	1536
24	$\mathcal{O}(0; \{24^4, 4^2, 3^3, 2^6\})$	10752
24	$\mathcal{O}(0; \{24^4, 4^2, 3^6, 2^2\})$	87552
24	$\mathcal{O}(0; \{24^4, 4^4, 2^7\})$	6144
24	$\mathcal{O}(0; \{24^4, 4^4, 3^3, 2^3\})$	43008
24	$\mathcal{O}(0; \{24^4, 4^6, 2^4\})$	24576
24	$\mathcal{O}(0; \{24^4, 4^6, 3^3\})$	172032
24	$\mathcal{O}(0; \{24^4, 4^8, 2\})$	98304
24	$\mathcal{O}(0; \{24^4, 6, 3, 2^{10}\})$	1408
24	$\mathcal{O}(0; \{24^4, 6, 3^4, 2^6\})$	10880
24	$\mathcal{O}(0; \{24^4, 6, 3^7, 2^2\})$	87424
24	$\mathcal{O}(0; \{24^4, 6, 4^2, 3, 2^7\})$	5632
24	$\mathcal{O}(0; \{24^4, 6, 4^2, 3^4, 2^3\})$	43520
24	$\mathcal{O}(0; \{24^4, 6, 4^4, 3, 2^4\})$	22528
24	$\mathcal{O}(0; \{24^4, 6, 4^4, 3^4\})$	174080
24	$\mathcal{O}(0; \{24^4, 6, 4^6, 3, 2\})$	90112
24	$\mathcal{O}(0; \{24^4, 6^2, 3^2, 2^7\})$	5504
24	$\mathcal{O}(0; \{24^4, 6^2, 3^5, 2^3\})$	43648
24	$\mathcal{O}(0; \{24^4, 6^2, 4^2, 3^2, 2^4\})$	22016
24	$\mathcal{O}(0; \{24^4, 6^2, 4^2, 3^5\})$	174592
24	$\mathcal{O}(0; \{24^4, 6^2, 4^4, 3^2, 2\})$	88064
24	$\mathcal{O}(0; \{24^4, 6^3, 2^8\})$	2688
24	$\mathcal{O}(0; \{24^4, 6^3, 3^3, 2^4\})$	21888
24	$\mathcal{O}(0; \{24^4, 6^3, 3^6\})$	174720
24	$\mathcal{O}(0; \{24^4, 6^3, 4^2, 2^5\})$	10752
24	$\mathcal{O}(0; \{24^4, 6^3, 4^2, 3^3, 2\})$	87552
24	$\mathcal{O}(0; \{24^4, 6^3, 4^4, 2^2\})$	43008
24	$\mathcal{O}(0; \{24^4, 6^4, 3, 2^5\})$	10880
24	$\mathcal{O}(0; \{24^4, 6^4, 3^4, 2\})$	87424
24	$\mathcal{O}(0; \{24^4, 6^4, 4^2, 3, 2^2\})$	43520
24	$\mathcal{O}(0; \{24^4, 6^5, 3^2, 2^2\})$	43648
24	$\mathcal{O}(0; \{24^4, 6^6, 2^3\})$	21888
24	$\mathcal{O}(0; \{24^4, 6^6, 4^2\})$	87552
24	$\mathcal{O}(0; \{24^4, 6^7, 3\})$	87424

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^4, 8^2, 4, 2^8\})$	12288
24	$\mathcal{O}(0; \{24^4, 8^2, 4, 3^3, 2^4\})$	86016
24	$\mathcal{O}(0; \{24^4, 8^2, 4, 3^6\})$	700416
24	$\mathcal{O}(0; \{24^4, 8^2, 4^3, 2^5\})$	49152
24	$\mathcal{O}(0; \{24^4, 8^2, 4^3, 3^3, 2\})$	344064
24	$\mathcal{O}(0; \{24^4, 8^2, 4^5, 2^2\})$	196608
24	$\mathcal{O}(0; \{24^4, 8^2, 6, 4, 3, 2^5\})$	45056
24	$\mathcal{O}(0; \{24^4, 8^2, 6, 4, 3^4, 2\})$	348160
24	$\mathcal{O}(0; \{24^4, 8^2, 6, 4^3, 3, 2^2\})$	180224
24	$\mathcal{O}(0; \{24^4, 8^2, 6^2, 4, 3^2, 2^2\})$	176128
24	$\mathcal{O}(0; \{24^4, 8^2, 6^3, 4, 2^3\})$	86016
24	$\mathcal{O}(0; \{24^4, 8^2, 6^3, 4^3\})$	344064
24	$\mathcal{O}(0; \{24^4, 8^2, 6^4, 4, 3\})$	348160
24	$\mathcal{O}(0; \{24^4, 8^4, 2^6\})$	98304
24	$\mathcal{O}(0; \{24^4, 8^4, 3^3, 2^2\})$	688128
24	$\mathcal{O}(0; \{24^4, 8^4, 4^2, 2^3\})$	393216
24	$\mathcal{O}(0; \{24^4, 8^4, 4^4\})$	1572864
24	$\mathcal{O}(0; \{24^4, 8^4, 6, 3, 2^3\})$	360448
24	$\mathcal{O}(0; \{24^4, 8^4, 6, 4^2, 3\})$	1441792
24	$\mathcal{O}(0; \{24^4, 8^4, 6^2, 3^2\})$	1409024
24	$\mathcal{O}(0; \{24^4, 8^4, 6^3, 2\})$	688128
24	$\mathcal{O}(0; \{24^4, 8^6, 4, 2\})$	3145728
24	$\mathcal{O}(0; \{24^4, 12, 4, 3^2, 2^7\})$	10752
24	$\mathcal{O}(0; \{24^4, 12, 4, 3^5, 2^3\})$	87552
24	$\mathcal{O}(0; \{24^4, 12, 4^3, 3^2, 2^4\})$	43008
24	$\mathcal{O}(0; \{24^4, 12, 4^3, 3^5\})$	350208
24	$\mathcal{O}(0; \{24^4, 12, 4^5, 3^2, 2\})$	172032
24	$\mathcal{O}(0; \{24^4, 12, 6, 4, 2^8\})$	5632
24	$\mathcal{O}(0; \{24^4, 12, 6, 4, 3^3, 2^4\})$	43520
24	$\mathcal{O}(0; \{24^4, 12, 6, 4, 3^6\})$	349696
24	$\mathcal{O}(0; \{24^4, 12, 6, 4^3, 2^5\})$	22528
24	$\mathcal{O}(0; \{24^4, 12, 6, 4^3, 3^3, 2\})$	174080
24	$\mathcal{O}(0; \{24^4, 12, 6, 4^5, 2^2\})$	90112
24	$\mathcal{O}(0; \{24^4, 12, 6^2, 4, 3, 2^5\})$	22016
24	$\mathcal{O}(0; \{24^4, 12, 6^2, 4, 3^4, 2\})$	174592
24	$\mathcal{O}(0; \{24^4, 12, 6^2, 4^3, 3, 2^2\})$	88064
24	$\mathcal{O}(0; \{24^4, 12, 6^3, 4, 3^2, 2^2\})$	87552
24	$\mathcal{O}(0; \{24^4, 12, 6^4, 4, 2^3\})$	43520
24	$\mathcal{O}(0; \{24^4, 12, 6^4, 4^3\})$	174080
24	$\mathcal{O}(0; \{24^4, 12, 6^5, 4, 3\})$	174592
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 3^2, 2^5\})$	86016
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 3^5, 2\})$	700416
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 4^2, 3^2, 2^2\})$	344064

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6, 2^6\})$	45056
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6, 3^3, 2^2\})$	348160
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6, 4^2, 2^3\})$	180224
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6, 4^4\})$	720896
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6^2, 3, 2^3\})$	176128
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6^2, 4^2, 3\})$	704512
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6^3, 3^2\})$	700416
24	$\mathcal{O}(0; \{24^4, 12, 8^2, 6^4, 2\})$	348160
24	$\mathcal{O}(0; \{24^4, 12, 8^4, 4, 3^2\})$	2752512
24	$\mathcal{O}(0; \{24^4, 12, 8^4, 6, 4, 2\})$	1441792
24	$\mathcal{O}(0; \{24^4, 12^2, 3, 2^8\})$	10752
24	$\mathcal{O}(0; \{24^4, 12^2, 3^4, 2^4\})$	87552
24	$\mathcal{O}(0; \{24^4, 12^2, 3^7\})$	698880
24	$\mathcal{O}(0; \{24^4, 12^2, 4^2, 3, 2^5\})$	43008
24	$\mathcal{O}(0; \{24^4, 12^2, 4^2, 3^4, 2\})$	350208
24	$\mathcal{O}(0; \{24^4, 12^2, 4^4, 3, 2^2\})$	172032
24	$\mathcal{O}(0; \{24^4, 12^2, 6, 3^2, 2^5\})$	43520
24	$\mathcal{O}(0; \{24^4, 12^2, 6, 3^5, 2\})$	349696
24	$\mathcal{O}(0; \{24^4, 12^2, 6, 4^2, 3^2, 2^2\})$	174080
24	$\mathcal{O}(0; \{24^4, 12^2, 6^2, 2^6\})$	22016
24	$\mathcal{O}(0; \{24^4, 12^2, 6^2, 3^3, 2^2\})$	174592
24	$\mathcal{O}(0; \{24^4, 12^2, 6^2, 4^2, 2^3\})$	88064
24	$\mathcal{O}(0; \{24^4, 12^2, 6^2, 4^4\})$	352256
24	$\mathcal{O}(0; \{24^4, 12^2, 6^3, 3, 2^3\})$	87552
24	$\mathcal{O}(0; \{24^4, 12^2, 6^3, 4^2, 3\})$	350208
24	$\mathcal{O}(0; \{24^4, 12^2, 6^4, 3^2\})$	349696
24	$\mathcal{O}(0; \{24^4, 12^2, 6^5, 2\})$	174592
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 4, 3, 2^3\})$	344064
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 4^3, 3\})$	1376256
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 6, 4, 3^2\})$	1392640
24	$\mathcal{O}(0; \{24^4, 12^2, 8^2, 6^2, 4, 2\})$	704512
24	$\mathcal{O}(0; \{24^4, 12^2, 8^4, 3, 2\})$	2752512
24	$\mathcal{O}(0; \{24^4, 12^3, 4, 2^6\})$	43008
24	$\mathcal{O}(0; \{24^4, 12^3, 4, 3^3, 2^2\})$	350208
24	$\mathcal{O}(0; \{24^4, 12^3, 4^3, 2^3\})$	172032
24	$\mathcal{O}(0; \{24^4, 12^3, 4^5\})$	688128
24	$\mathcal{O}(0; \{24^4, 12^3, 6, 4, 3, 2^3\})$	174080
24	$\mathcal{O}(0; \{24^4, 12^3, 6, 4^3, 3\})$	696320
24	$\mathcal{O}(0; \{24^4, 12^3, 6^2, 4, 3^2\})$	698368
24	$\mathcal{O}(0; \{24^4, 12^3, 6^3, 4, 2\})$	350208
24	$\mathcal{O}(0; \{24^4, 12^3, 8^2, 2^4\})$	344064
24	$\mathcal{O}(0; \{24^4, 12^3, 8^2, 3^3\})$	2801664
24	$\mathcal{O}(0; \{24^4, 12^3, 8^2, 4^2, 2\})$	1376256

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^4, 12^3, 8^2, 6, 3, 2\})$	1392640
24	$\mathcal{O}(0; \{24^4, 12^4, 3^2, 2^3\})$	350208
24	$\mathcal{O}(0; \{24^4, 12^4, 4^2, 3^2\})$	1400832
24	$\mathcal{O}(0; \{24^4, 12^4, 6, 2^4\})$	174080
24	$\mathcal{O}(0; \{24^4, 12^4, 6, 3^3\})$	1398784
24	$\mathcal{O}(0; \{24^4, 12^4, 6, 4^2, 2\})$	696320
24	$\mathcal{O}(0; \{24^4, 12^4, 6^2, 3, 2\})$	698368
24	$\mathcal{O}(0; \{24^4, 12^5, 4, 3, 2\})$	1400832
24	$\mathcal{O}(0; \{24^4, 12^6, 2^2\})$	1400832
24	$\mathcal{O}(0; \{24^5, 8, 3, 2^8\})$	22528
24	$\mathcal{O}(0; \{24^5, 8, 3^4, 2^4\})$	174080
24	$\mathcal{O}(0; \{24^5, 8, 3^7\})$	1398784
24	$\mathcal{O}(0; \{24^5, 8, 4^2, 3, 2^5\})$	90112
24	$\mathcal{O}(0; \{24^5, 8, 4^2, 3^4, 2\})$	696320
24	$\mathcal{O}(0; \{24^5, 8, 4^4, 3, 2^2\})$	360448
24	$\mathcal{O}(0; \{24^5, 8, 6, 3^2, 2^5\})$	88064
24	$\mathcal{O}(0; \{24^5, 8, 6, 3^5, 2\})$	698368
24	$\mathcal{O}(0; \{24^5, 8, 6, 4^2, 3^2, 2^2\})$	352256
24	$\mathcal{O}(0; \{24^5, 8, 6^2, 2^6\})$	43008
24	$\mathcal{O}(0; \{24^5, 8, 6^2, 3^3, 2^2\})$	350208
24	$\mathcal{O}(0; \{24^5, 8, 6^2, 4^2, 2^3\})$	172032
24	$\mathcal{O}(0; \{24^5, 8, 6^2, 4^4\})$	688128
24	$\mathcal{O}(0; \{24^5, 8, 6^3, 3, 2^3\})$	174080
24	$\mathcal{O}(0; \{24^5, 8, 6^3, 4^2, 3\})$	696320
24	$\mathcal{O}(0; \{24^5, 8, 6^4, 3^2\})$	698368
24	$\mathcal{O}(0; \{24^5, 8, 6^5, 2\})$	350208
24	$\mathcal{O}(0; \{24^5, 8^3, 4, 3, 2^3\})$	720896
24	$\mathcal{O}(0; \{24^5, 8^3, 4^3, 3\})$	2883584
24	$\mathcal{O}(0; \{24^5, 8^3, 6, 4, 3^2\})$	2818048
24	$\mathcal{O}(0; \{24^5, 8^3, 6^2, 4, 2\})$	1376256
24	$\mathcal{O}(0; \{24^5, 8^5, 3, 2\})$	5767168
24	$\mathcal{O}(0; \{24^5, 12, 8, 4, 2^6\})$	90112
24	$\mathcal{O}(0; \{24^5, 12, 8, 4, 3^3, 2^2\})$	696320
24	$\mathcal{O}(0; \{24^5, 12, 8, 4^3, 2^3\})$	360448
24	$\mathcal{O}(0; \{24^5, 12, 8, 4^5\})$	1441792
24	$\mathcal{O}(0; \{24^5, 12, 8, 6, 4, 3, 2^3\})$	352256
24	$\mathcal{O}(0; \{24^5, 12, 8, 6, 4^3, 3\})$	1409024
24	$\mathcal{O}(0; \{24^5, 12, 8, 6^2, 4, 3^2\})$	1400832
24	$\mathcal{O}(0; \{24^5, 12, 8, 6^3, 4, 2\})$	696320
24	$\mathcal{O}(0; \{24^5, 12, 8^3, 2^4\})$	720896
24	$\mathcal{O}(0; \{24^5, 12, 8^3, 3^3\})$	5570560
24	$\mathcal{O}(0; \{24^5, 12, 8^3, 4^2, 2\})$	2883584
24	$\mathcal{O}(0; \{24^5, 12, 8^3, 6, 3, 2\})$	2818048

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 3^2, 2^3\})$	696320
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 4^2, 3^2\})$	2785280
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 6, 2^4\})$	352256
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 6, 3^3\})$	2793472
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 6, 4^2, 2\})$	1409024
24	$\mathcal{O}(0; \{24^5, 12^2, 8, 6^2, 3, 2\})$	1400832
24	$\mathcal{O}(0; \{24^5, 12^3, 8, 4, 3, 2\})$	2785280
24	$\mathcal{O}(0; \{24^5, 12^4, 8, 2^2\})$	2785280
24	$\mathcal{O}(0; \{24^6, 4, 3^2, 2^5\})$	176128
24	$\mathcal{O}(0; \{24^6, 4, 3^5, 2\})$	1396736
24	$\mathcal{O}(0; \{24^6, 4^3, 3^2, 2^2\})$	704512
24	$\mathcal{O}(0; \{24^6, 6, 4, 2^6\})$	86016
24	$\mathcal{O}(0; \{24^6, 6, 4, 3^3, 2^2\})$	700416
24	$\mathcal{O}(0; \{24^6, 6, 4^3, 2^3\})$	344064
24	$\mathcal{O}(0; \{24^6, 6, 4^5\})$	1376256
24	$\mathcal{O}(0; \{24^6, 6^2, 4, 3, 2^3\})$	348160
24	$\mathcal{O}(0; \{24^6, 6^2, 4^3, 3\})$	1392640
24	$\mathcal{O}(0; \{24^6, 6^3, 4, 3^2\})$	1396736
24	$\mathcal{O}(0; \{24^6, 6^4, 4, 2\})$	700416
24	$\mathcal{O}(0; \{24^6, 8^2, 3^2, 2^3\})$	1409024
24	$\mathcal{O}(0; \{24^6, 8^2, 4^2, 3^2\})$	5636096
24	$\mathcal{O}(0; \{24^6, 8^2, 6, 2^4\})$	688128
24	$\mathcal{O}(0; \{24^6, 8^2, 6, 3^3\})$	5603328
24	$\mathcal{O}(0; \{24^6, 8^2, 6, 4^2, 2\})$	2752512
24	$\mathcal{O}(0; \{24^6, 8^2, 6^2, 3, 2\})$	2785280
24	$\mathcal{O}(0; \{24^6, 12, 3, 2^6\})$	176128
24	$\mathcal{O}(0; \{24^6, 12, 3^4, 2^2\})$	1396736
24	$\mathcal{O}(0; \{24^6, 12, 4^2, 3, 2^3\})$	704512
24	$\mathcal{O}(0; \{24^6, 12, 4^4, 3\})$	2818048
24	$\mathcal{O}(0; \{24^6, 12, 6, 3^2, 2^3\})$	700416
24	$\mathcal{O}(0; \{24^6, 12, 6, 4^2, 3^2\})$	2801664
24	$\mathcal{O}(0; \{24^6, 12, 6^2, 2^4\})$	348160
24	$\mathcal{O}(0; \{24^6, 12, 6^2, 3^3\})$	2797568
24	$\mathcal{O}(0; \{24^6, 12, 6^2, 4^2, 2\})$	1392640
24	$\mathcal{O}(0; \{24^6, 12, 6^3, 3, 2\})$	1396736
24	$\mathcal{O}(0; \{24^6, 12, 8^2, 4, 3, 2\})$	5636096
24	$\mathcal{O}(0; \{24^6, 12^2, 4, 2^4\})$	704512
24	$\mathcal{O}(0; \{24^6, 12^2, 4, 3^3\})$	5586944
24	$\mathcal{O}(0; \{24^6, 12^2, 4^3, 2\})$	2818048
24	$\mathcal{O}(0; \{24^6, 12^2, 6, 4, 3, 2\})$	2801664
24	$\mathcal{O}(0; \{24^6, 12^2, 8^2, 2^2\})$	5636096
24	$\mathcal{O}(0; \{24^6, 12^3, 3^2, 2\})$	5586944
24	$\mathcal{O}(0; \{24^6, 12^3, 6, 2^2\})$	2801664

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Order of \mathbb{Z}_ℓ	Orbifold	$\text{Epi}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
24	$\mathcal{O}(0; \{24^6, 12^5\})$	22347776
24	$\mathcal{O}(0; \{24^7, 8, 4, 2^4\})$	1376256
24	$\mathcal{O}(0; \{24^7, 8, 4, 3^3\})$	11206656
24	$\mathcal{O}(0; \{24^7, 8, 4^3, 2\})$	5505024
24	$\mathcal{O}(0; \{24^7, 8, 6, 4, 3, 2\})$	5570560
24	$\mathcal{O}(0; \{24^7, 8^3, 2^2\})$	11010048
24	$\mathcal{O}(0; \{24^7, 12, 8, 3^2, 2\})$	11206656
24	$\mathcal{O}(0; \{24^7, 12, 8, 6, 2^2\})$	5570560
24	$\mathcal{O}(0; \{24^7, 12^3, 8\})$	44826624
24	$\mathcal{O}(0; \{24^8, 3, 2^4\})$	2785280
24	$\mathcal{O}(0; \{24^8, 3^4\})$	22380544
24	$\mathcal{O}(0; \{24^8, 4^2, 3, 2\})$	11141120
24	$\mathcal{O}(0; \{24^8, 6, 3^2, 2\})$	11173888
24	$\mathcal{O}(0; \{24^8, 6^2, 2^2\})$	5603328
24	$\mathcal{O}(0; \{24^8, 12, 4, 2^2\})$	11141120
24	$\mathcal{O}(0; \{24^8, 12, 8^2\})$	89128960
24	$\mathcal{O}(0; \{24^8, 12^2, 6\})$	44695552
24	$\mathcal{O}(0; \{24^9, 8, 6\})$	89653248
24	$\mathcal{O}(0; \{24^{10}, 4\})$	179306496
25	$\mathcal{O}(5; \emptyset)$	95367421875000
25	$\mathcal{O}(3; \{5^5\})$	49801500000
25	$\mathcal{O}(1; \{5^{10}\})$	125829600
25	$\mathcal{O}(1; \{25^5, 5^4\})$	20400000000
26	$\mathcal{O}(3; \{13^4\})$	485325991332
26	$\mathcal{O}(2; \{13^4, 2^4\})$	729333696
26	$\mathcal{O}(2; \{26^2, 13^3, 2^2\})$	8746520640
26	$\mathcal{O}(2; \{26^4, 13^2\})$	104963731392
26	$\mathcal{O}(1; \{13^4, 2^8\})$	1078896
26	$\mathcal{O}(1; \{26^2, 13^3, 2^6\})$	12938640
26	$\mathcal{O}(1; \{26^4, 13^2, 2^4\})$	155271792
26	$\mathcal{O}(1; \{26^6, 13, 2^2\})$	1863253392
26	$\mathcal{O}(1; \{26^8\})$	22359048816
26	$\mathcal{O}(0; \{13^4, 2^{12}\})$	1596
26	$\mathcal{O}(0; \{26^2, 13^3, 2^{10}\})$	19140
26	$\mathcal{O}(0; \{26^4, 13^2, 2^8\})$	229692
26	$\mathcal{O}(0; \{26^6, 13, 2^6\})$	2756292
26	$\mathcal{O}(0; \{26^8, 2^4\})$	33075516
27	$\mathcal{O}(2; \{27^4, 9, 3\})$	27894275208
27	$\mathcal{O}(1; \{27^4, 9, 3^4\})$	306110016
27	$\mathcal{O}(1; \{27^4, 9^4\})$	4132485216
27	$\mathcal{O}(1; \{27^7, 3\})$	32543321076
27	$\mathcal{O}(0; \{27^4, 9, 3^7\})$	3359232
27	$\mathcal{O}(0; \{27^4, 9^4, 3^3\})$	45349632

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
27	$\mathcal{O}(0; \{27^7, 3^4\})$	357128352
27	$\mathcal{O}(0; \{27^7, 9^3\})$	4821232752
28	$\mathcal{O}(3; \{14, 7^2, 2\})$	14230823040
28	$\mathcal{O}(3; \{28, 14, 4, 2\})$	5782683648
28	$\mathcal{O}(2; \{7^6\})$	3841215840
28	$\mathcal{O}(2; \{14, 7^2, 2^5\})$	17287200
28	$\mathcal{O}(2; \{14, 7^2, 4^2, 2^2\})$	36879360
28	$\mathcal{O}(2; \{14^3, 7, 2^3\})$	107180640
28	$\mathcal{O}(2; \{14^3, 7, 4^2\})$	228652032
28	$\mathcal{O}(2; \{14^5, 2\})$	639626400
28	$\mathcal{O}(2; \{28, 7^4, 4\})$	1364536320
28	$\mathcal{O}(2; \{28, 14, 4, 2^5\})$	7375872
28	$\mathcal{O}(2; \{28, 14, 4^3, 2^2\})$	29503488
28	$\mathcal{O}(2; \{28^2, 7^2, 2^3\})$	228652032
28	$\mathcal{O}(2; \{28^2, 7^2, 4^2\})$	914608128
28	$\mathcal{O}(2; \{28^2, 14^2, 7, 2\})$	1364536320
28	$\mathcal{O}(2; \{28^3, 4, 2^3\})$	147517440
28	$\mathcal{O}(2; \{28^3, 4^3\})$	590069760
28	$\mathcal{O}(1; \{7^6, 2^4\})$	3919608
28	$\mathcal{O}(1; \{7^6, 4^2, 2\})$	10452288
28	$\mathcal{O}(1; \{14, 7^2, 2^9\})$	17640
28	$\mathcal{O}(1; \{14, 7^2, 4^2, 2^6\})$	47040
28	$\mathcal{O}(1; \{14, 7^2, 4^4, 2^3\})$	188160
28	$\mathcal{O}(1; \{14, 7^2, 4^6\})$	752640
28	$\mathcal{O}(1; \{14^2, 7^5, 2^2\})$	23514120
28	$\mathcal{O}(1; \{14^3, 7, 2^7\})$	109368
28	$\mathcal{O}(1; \{14^3, 7, 4^2, 2^4\})$	291648
28	$\mathcal{O}(1; \{14^3, 7, 4^4, 2\})$	1166592
28	$\mathcal{O}(1; \{14^4, 7^4\})$	141088248
28	$\mathcal{O}(1; \{14^5, 2^5\})$	652680
28	$\mathcal{O}(1; \{14^5, 4^2, 2^2\})$	1740480
28	$\mathcal{O}(1; \{28, 7^4, 4, 2^4\})$	1740480
28	$\mathcal{O}(1; \{28, 7^4, 4^3, 2\})$	6961920
28	$\mathcal{O}(1; \{28, 14, 4, 2^9\})$	9408
28	$\mathcal{O}(1; \{28, 14, 4^3, 2^6\})$	37632
28	$\mathcal{O}(1; \{28, 14, 4^5, 2^3\})$	150528
28	$\mathcal{O}(1; \{28, 14, 4^7\})$	602112
28	$\mathcal{O}(1; \{28, 14^2, 7^3, 4, 2^2\})$	10452288
28	$\mathcal{O}(1; \{28, 14^4, 7^2, 4\})$	62704320
28	$\mathcal{O}(1; \{28^2, 7^2, 2^7\})$	291648
28	$\mathcal{O}(1; \{28^2, 7^2, 4^2, 2^4\})$	1166592
28	$\mathcal{O}(1; \{28^2, 7^2, 4^4, 2\})$	4666368
28	$\mathcal{O}(1; \{28^2, 14, 7^5\})$	376235328

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(1; \{28^2, 14^2, 7, 2^5\})$	1740480
28	$\mathcal{O}(1; \{28^2, 14^2, 7, 4^2, 2^2\})$	6961920
28	$\mathcal{O}(1; \{28^2, 14^4, 2^3\})$	10452288
28	$\mathcal{O}(1; \{28^2, 14^4, 4^2\})$	41809152
28	$\mathcal{O}(1; \{28^3, 4, 2^7\})$	188160
28	$\mathcal{O}(1; \{28^3, 4^3, 2^4\})$	752640
28	$\mathcal{O}(1; \{28^3, 4^5, 2\})$	3010560
28	$\mathcal{O}(1; \{28^3, 14, 7^3, 4\})$	250817280
28	$\mathcal{O}(1; \{28^4, 14, 7, 2^3\})$	41809152
28	$\mathcal{O}(1; \{28^4, 14, 7, 4^2\})$	167236608
28	$\mathcal{O}(1; \{28^4, 14^3, 2\})$	250817280
28	$\mathcal{O}(1; \{28^6, 7, 2\})$	1003269120
28	$\mathcal{O}(0; \{7^6, 4^2, 2^5\})$	13332
28	$\mathcal{O}(0; \{7^6, 4^4, 2^2\})$	53328
28	$\mathcal{O}(0; \{14, 7^2, 4^2, 2^{10}\})$	60
28	$\mathcal{O}(0; \{14, 7^2, 4^4, 2^7\})$	240
28	$\mathcal{O}(0; \{14, 7^2, 4^6, 2^4\})$	960
28	$\mathcal{O}(0; \{14, 7^2, 4^8, 2\})$	3840
28	$\mathcal{O}(0; \{14^2, 7^5, 4^2, 2^3\})$	79980
28	$\mathcal{O}(0; \{14^2, 7^5, 4^4\})$	319920
28	$\mathcal{O}(0; \{14^3, 7, 4^2, 2^8\})$	372
28	$\mathcal{O}(0; \{14^3, 7, 4^4, 2^5\})$	1488
28	$\mathcal{O}(0; \{14^3, 7, 4^6, 2^2\})$	5952
28	$\mathcal{O}(0; \{14^4, 7^4, 4^2, 2\})$	479892
28	$\mathcal{O}(0; \{14^5, 4^2, 2^6\})$	2220
28	$\mathcal{O}(0; \{14^5, 4^4, 2^3\})$	8880
28	$\mathcal{O}(0; \{14^5, 4^6\})$	35520
28	$\mathcal{O}(0; \{28, 7^4, 4, 2^8\})$	2220
28	$\mathcal{O}(0; \{28, 7^4, 4^3, 2^5\})$	8880
28	$\mathcal{O}(0; \{28, 7^4, 4^5, 2^2\})$	35520
28	$\mathcal{O}(0; \{28, 14, 4, 2^{13}\})$	12
28	$\mathcal{O}(0; \{28, 14, 4^3, 2^{10}\})$	48
28	$\mathcal{O}(0; \{28, 14, 4^5, 2^7\})$	192
28	$\mathcal{O}(0; \{28, 14, 4^7, 2^4\})$	768
28	$\mathcal{O}(0; \{28, 14, 4^9, 2\})$	3072
28	$\mathcal{O}(0; \{28, 14, 7^7, 4, 2\})$	2879340
28	$\mathcal{O}(0; \{28, 14^2, 7^3, 4, 2^6\})$	13332
28	$\mathcal{O}(0; \{28, 14^2, 7^3, 4^3, 2^3\})$	53328
28	$\mathcal{O}(0; \{28, 14^2, 7^3, 4^5\})$	213312
28	$\mathcal{O}(0; \{28, 14^4, 7^2, 4, 2^4\})$	79980
28	$\mathcal{O}(0; \{28, 14^4, 7^2, 4^3, 2\})$	319920
28	$\mathcal{O}(0; \{28, 14^6, 7, 4, 2^2\})$	479892
28	$\mathcal{O}(0; \{28, 14^8, 4\})$	2879340

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
28	$\mathcal{O}(0; \{28^2, 7^2, 2^{11}\})$	372
28	$\mathcal{O}(0; \{28^2, 7^2, 4^2, 2^8\})$	1488
28	$\mathcal{O}(0; \{28^2, 7^2, 4^4, 2^5\})$	5952
28	$\mathcal{O}(0; \{28^2, 7^2, 4^6, 2^2\})$	23808
28	$\mathcal{O}(0; \{28^2, 14, 7^5, 2^4\})$	479892
28	$\mathcal{O}(0; \{28^2, 14, 7^5, 4^2, 2\})$	1919568
28	$\mathcal{O}(0; \{28^2, 14^2, 7, 2^9\})$	2220
28	$\mathcal{O}(0; \{28^2, 14^2, 7, 4^2, 2^6\})$	8880
28	$\mathcal{O}(0; \{28^2, 14^2, 7, 4^4, 2^3\})$	35520
28	$\mathcal{O}(0; \{28^2, 14^2, 7, 4^6\})$	142080
28	$\mathcal{O}(0; \{28^2, 14^3, 7^4, 2^2\})$	2879340
28	$\mathcal{O}(0; \{28^2, 14^4, 2^7\})$	13332
28	$\mathcal{O}(0; \{28^2, 14^4, 4^2, 2^4\})$	53328
28	$\mathcal{O}(0; \{28^2, 14^4, 4^4, 2\})$	213312
28	$\mathcal{O}(0; \{28^2, 14^5, 7^3\})$	17276052
28	$\mathcal{O}(0; \{28^3, 4, 2^{11}\})$	240
28	$\mathcal{O}(0; \{28^3, 4^3, 2^8\})$	960
28	$\mathcal{O}(0; \{28^3, 4^5, 2^5\})$	3840
28	$\mathcal{O}(0; \{28^3, 4^7, 2^2\})$	15360
28	$\mathcal{O}(0; \{28^3, 14, 7^3, 4, 2^4\})$	319920
28	$\mathcal{O}(0; \{28^3, 14, 7^3, 4^3, 2\})$	1279680
28	$\mathcal{O}(0; \{28^3, 14^3, 7^2, 4, 2^2\})$	1919568
28	$\mathcal{O}(0; \{28^3, 14^5, 7, 4\})$	11517360
28	$\mathcal{O}(0; \{28^4, 7^5, 2^2\})$	11517360
28	$\mathcal{O}(0; \{28^4, 14, 7, 2^7\})$	53328
28	$\mathcal{O}(0; \{28^4, 14, 7, 4^2, 2^4\})$	213312
28	$\mathcal{O}(0; \{28^4, 14, 7, 4^4, 2\})$	853248
28	$\mathcal{O}(0; \{28^4, 14^2, 7^4\})$	69104208
28	$\mathcal{O}(0; \{28^4, 14^3, 2^5\})$	319920
28	$\mathcal{O}(0; \{28^4, 14^3, 4^2, 2^2\})$	1279680
28	$\mathcal{O}(0; \{28^5, 7^3, 4, 2^2\})$	7678272
28	$\mathcal{O}(0; \{28^5, 14^2, 7^2, 4\})$	46069440
28	$\mathcal{O}(0; \{28^6, 7, 2^5\})$	1279680
28	$\mathcal{O}(0; \{28^6, 7, 4^2, 2^2\})$	5118720
28	$\mathcal{O}(0; \{28^6, 14^2, 2^3\})$	7678272
28	$\mathcal{O}(0; \{28^6, 14^2, 4^2\})$	30713088
28	$\mathcal{O}(0; \{28^8, 14, 2\})$	184277760
29	$\mathcal{O}(3; \{29^3\})$	449686430676
30	$\mathcal{O}(3; \{3^4\})$	4305380688
30	$\mathcal{O}(3; \{6, 3^2, 2\})$	1457906688
30	$\mathcal{O}(3; \{6^2, 2^2\})$	1457906688
30	$\mathcal{O}(3; \{15, 10, 6\})$	5832000000
30	$\mathcal{O}(3; \{15^2, 5\})$	17222625000

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(2; \{3^4, 2^4\})$	4852224
30	$\mathcal{O}(2; \{3^7\})$	31842720
30	$\mathcal{O}(2; \{6, 3^2, 2^5\})$	1617408
30	$\mathcal{O}(2; \{6, 3^5, 2\})$	17791488
30	$\mathcal{O}(2; \{6^2, 2^6\})$	1617408
30	$\mathcal{O}(2; \{6^2, 3^3, 2^2\})$	8087040
30	$\mathcal{O}(2; \{6^3, 3, 2^3\})$	4852224
30	$\mathcal{O}(2; \{6^4, 3^2\})$	17791488
30	$\mathcal{O}(2; \{6^5, 2\})$	8087040
30	$\mathcal{O}(2; \{10, 6, 5^2, 3^2\})$	19440000
30	$\mathcal{O}(2; \{10, 6^2, 5^2, 2\})$	19440000
30	$\mathcal{O}(2; \{15, 5^3, 3^2\})$	78975000
30	$\mathcal{O}(2; \{15, 6, 5^3, 2\})$	84240000
30	$\mathcal{O}(2; \{15, 10, 3^2, 2^3\})$	6480000
30	$\mathcal{O}(2; \{15, 10, 6, 2^4\})$	6480000
30	$\mathcal{O}(2; \{15, 10, 6, 3^3\})$	32400000
30	$\mathcal{O}(2; \{15, 10, 6^2, 3, 2\})$	19440000
30	$\mathcal{O}(2; \{15^2, 5, 2^4\})$	19440000
30	$\mathcal{O}(2; \{15^2, 5, 3^3\})$	91125000
30	$\mathcal{O}(2; \{15^2, 6, 5, 3, 2\})$	58320000
30	$\mathcal{O}(2; \{15^2, 10^2, 2^2\})$	84240000
30	$\mathcal{O}(2; \{15^3\})$	1549125000
30	$\mathcal{O}(2; \{30, 10, 5, 3^3\})$	58320000
30	$\mathcal{O}(2; \{30, 10, 6, 5, 3, 2\})$	19440000
30	$\mathcal{O}(2; \{30, 15, 5^2, 3, 2\})$	84240000
30	$\mathcal{O}(2; \{30, 15^2, 3^2, 2\})$	97200000
30	$\mathcal{O}(2; \{30, 15^2, 6, 2^2\})$	58320000
30	$\mathcal{O}(2; \{30, 15^3, 10\})$	991440000
30	$\mathcal{O}(2; \{30^2, 10, 3^2, 2\})$	58320000
30	$\mathcal{O}(2; \{30^2, 10, 6, 2^2\})$	19440000
30	$\mathcal{O}(2; \{30^2, 15, 5, 2^2\})$	84240000
30	$\mathcal{O}(2; \{30^2, 15, 10^2\})$	330480000
30	$\mathcal{O}(2; \{30^3, 15, 6\})$	421200000
30	$\mathcal{O}(2; \{30^4, 5\})$	991440000
30	$\mathcal{O}(1; \{3^4, 2^8\})$	5184
30	$\mathcal{O}(1; \{3^7, 2^4\})$	36288
30	$\mathcal{O}(1; \{3^{10}\})$	221616
30	$\mathcal{O}(1; \{5^5, 3^4\})$	826200
30	$\mathcal{O}(1; \{6, 3^2, 2^9\})$	1728
30	$\mathcal{O}(1; \{6, 3^5, 2^5\})$	19008
30	$\mathcal{O}(1; \{6, 3^8, 2\})$	146880
30	$\mathcal{O}(1; \{6, 5^5, 3^2, 2\})$	367200
30	$\mathcal{O}(1; \{6^2, 2^{10}\})$	1728

Continued on next page

Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{6^2, 3^3, 2^6\})$	8640
30	$\mathcal{O}(1; \{6^2, 3^6, 2^2\})$	74304
30	$\mathcal{O}(1; \{6^2, 5^5, 2^2\})$	367200
30	$\mathcal{O}(1; \{6^3, 3, 2^7\})$	5184
30	$\mathcal{O}(1; \{6^3, 3^4, 2^3\})$	36288
30	$\mathcal{O}(1; \{6^4, 3^2, 2^4\})$	19008
30	$\mathcal{O}(1; \{6^4, 3^5\})$	146880
30	$\mathcal{O}(1; \{6^5, 2^5\})$	8640
30	$\mathcal{O}(1; \{6^5, 3^3, 2\})$	74304
30	$\mathcal{O}(1; \{6^6, 3, 2^2\})$	36288
30	$\mathcal{O}(1; \{6^8\})$	74304
30	$\mathcal{O}(1; \{10, 5^2, 3^4, 2^3\})$	64800
30	$\mathcal{O}(1; \{10, 6, 5^2, 3^2, 2^4\})$	21600
30	$\mathcal{O}(1; \{10, 6, 5^2, 3^5\})$	237600
30	$\mathcal{O}(1; \{10, 6^2, 5^2, 2^5\})$	21600
30	$\mathcal{O}(1; \{10, 6^2, 5^2, 3^3, 2\})$	108000
30	$\mathcal{O}(1; \{10, 6^3, 5^2, 3, 2^2\})$	64800
30	$\mathcal{O}(1; \{10, 6^5, 5^2\})$	108000
30	$\mathcal{O}(1; \{10^2, 6^2, 5^4\})$	1476000
30	$\mathcal{O}(1; \{10^3, 5, 3^4, 2\})$	280800
30	$\mathcal{O}(1; \{10^3, 6, 5, 3^2, 2^2\})$	93600
30	$\mathcal{O}(1; \{10^3, 6^2, 5, 2^3\})$	93600
30	$\mathcal{O}(1; \{10^3, 6^3, 5, 3\})$	280800
30	$\mathcal{O}(1; \{10^5, 6, 3^2\})$	367200
30	$\mathcal{O}(1; \{10^5, 6^2, 2\})$	367200
30	$\mathcal{O}(1; \{15, 5^3, 3^2, 2^4\})$	93600
30	$\mathcal{O}(1; \{15, 5^3, 3^5\})$	772200
30	$\mathcal{O}(1; \{15, 6, 5^3, 2^5\})$	93600
30	$\mathcal{O}(1; \{15, 6, 5^3, 3^3, 2\})$	468000
30	$\mathcal{O}(1; \{15, 6^2, 5^3, 3, 2^2\})$	280800
30	$\mathcal{O}(1; \{15, 6^4, 5^3\})$	468000
30	$\mathcal{O}(1; \{15, 10, 3^2, 2^7\})$	7200
30	$\mathcal{O}(1; \{15, 10, 3^5, 2^3\})$	79200
30	$\mathcal{O}(1; \{15, 10, 6, 2^8\})$	7200
30	$\mathcal{O}(1; \{15, 10, 6, 3^3, 2^4\})$	36000
30	$\mathcal{O}(1; \{15, 10, 6, 3^6\})$	309600
30	$\mathcal{O}(1; \{15, 10, 6, 5^5\})$	5896800
30	$\mathcal{O}(1; \{15, 10, 6^2, 3, 2^5\})$	21600
30	$\mathcal{O}(1; \{15, 10, 6^2, 3^4, 2\})$	151200
30	$\mathcal{O}(1; \{15, 10, 6^3, 3^2, 2^2\})$	79200
30	$\mathcal{O}(1; \{15, 10, 6^4, 2^3\})$	36000
30	$\mathcal{O}(1; \{15, 10, 6^5, 3\})$	151200
30	$\mathcal{O}(1; \{15, 10^2, 5^2, 3^2, 2^2\})$	367200

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{15, 10^2, 6, 5^2, 2^3\})$	367200
30	$\mathcal{O}(1; \{15, 10^2, 6^2, 5^2, 3\})$	1101600
30	$\mathcal{O}(1; \{15, 10^4, 5, 3^2\})$	1476000
30	$\mathcal{O}(1; \{15, 10^4, 6, 5, 2\})$	1476000
30	$\mathcal{O}(1; \{15^2, 5, 2^8\})$	21600
30	$\mathcal{O}(1; \{15^2, 5, 3^3, 2^4\})$	108000
30	$\mathcal{O}(1; \{15^2, 5, 3^6\})$	696600
30	$\mathcal{O}(1; \{15^2, 5^6\})$	17695800
30	$\mathcal{O}(1; \{15^2, 6, 5, 3, 2^5\})$	64800
30	$\mathcal{O}(1; \{15^2, 6, 5, 3^4, 2\})$	453600
30	$\mathcal{O}(1; \{15^2, 6^2, 5, 3^2, 2^2\})$	237600
30	$\mathcal{O}(1; \{15^2, 6^3, 5, 2^3\})$	108000
30	$\mathcal{O}(1; \{15^2, 6^4, 5, 3\})$	453600
30	$\mathcal{O}(1; \{15^2, 10, 5^3, 2^3\})$	1476000
30	$\mathcal{O}(1; \{15^2, 10, 6, 5^3, 3\})$	4428000
30	$\mathcal{O}(1; \{15^2, 10^2, 2^6\})$	93600
30	$\mathcal{O}(1; \{15^2, 10^2, 3^3, 2^2\})$	468000
30	$\mathcal{O}(1; \{15^2, 10^2, 6, 3, 2^3\})$	280800
30	$\mathcal{O}(1; \{15^2, 10^2, 6^2, 3^2\})$	1029600
30	$\mathcal{O}(1; \{15^2, 10^2, 6^3, 2\})$	468000
30	$\mathcal{O}(1; \{15^2, 10^3, 5^2, 2\})$	5896800
30	$\mathcal{O}(1; \{15^3, 5^4, 3\})$	13267800
30	$\mathcal{O}(1; \{15^3, 10, 5, 3, 2^3\})$	1101600
30	$\mathcal{O}(1; \{15^3, 10, 6, 5, 3^2\})$	4039200
30	$\mathcal{O}(1; \{15^3, 10, 6^2, 5, 2\})$	1836000
30	$\mathcal{O}(1; \{15^3, 10^3, 3, 2\})$	4428000
30	$\mathcal{O}(1; \{15^4, 5^2, 3^2\})$	12177000
30	$\mathcal{O}(1; \{15^4, 6, 5^2, 2\})$	7380000
30	$\mathcal{O}(1; \{15^5, 2^4\})$	1836000
30	$\mathcal{O}(1; \{15^5, 3^3\})$	11842200
30	$\mathcal{O}(1; \{15^5, 6, 3, 2\})$	7711200
30	$\mathcal{O}(1; \{30, 5^4, 3^3, 2\})$	1101600
30	$\mathcal{O}(1; \{30, 6, 5^4, 3, 2^2\})$	367200
30	$\mathcal{O}(1; \{30, 6^3, 5^4\})$	1101600
30	$\mathcal{O}(1; \{30, 10, 5, 3^3, 2^4\})$	64800
30	$\mathcal{O}(1; \{30, 10, 5, 3^6\})$	453600
30	$\mathcal{O}(1; \{30, 10, 6, 5, 3, 2^5\})$	21600
30	$\mathcal{O}(1; \{30, 10, 6, 5, 3^4, 2\})$	237600
30	$\mathcal{O}(1; \{30, 10, 6^2, 5, 3^2, 2^2\})$	108000
30	$\mathcal{O}(1; \{30, 10, 6^3, 5, 2^3\})$	64800
30	$\mathcal{O}(1; \{30, 10, 6^4, 5, 3\})$	237600
30	$\mathcal{O}(1; \{30, 10^2, 6, 5^3, 3\})$	1476000
30	$\mathcal{O}(1; \{30, 10^3, 3^3, 2^2\})$	280800

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{30, 10^3, 6, 3, 2^3\})$	93600
30	$\mathcal{O}(1; \{30, 10^3, 6^2, 3^2\})$	468000
30	$\mathcal{O}(1; \{30, 10^3, 6^3, 2\})$	280800
30	$\mathcal{O}(1; \{30, 15, 5^2, 3, 2^5\})$	93600
30	$\mathcal{O}(1; \{30, 15, 5^2, 3^4, 2\})$	1029600
30	$\mathcal{O}(1; \{30, 15, 6, 5^2, 3^2, 2^2\})$	468000
30	$\mathcal{O}(1; \{30, 15, 6^2, 5^2, 2^3\})$	280800
30	$\mathcal{O}(1; \{30, 15, 6^3, 5^2, 3\})$	1029600
30	$\mathcal{O}(1; \{30, 15, 10, 5^4, 3\})$	5896800
30	$\mathcal{O}(1; \{30, 15, 10^2, 5, 3, 2^3\})$	367200
30	$\mathcal{O}(1; \{30, 15, 10^2, 6, 5, 3^2\})$	1836000
30	$\mathcal{O}(1; \{30, 15, 10^2, 6^2, 5, 2\})$	1101600
30	$\mathcal{O}(1; \{30, 15, 10^4, 3, 2\})$	1476000
30	$\mathcal{O}(1; \{30, 15^2, 3^2, 2^5\})$	108000
30	$\mathcal{O}(1; \{30, 15^2, 3^5, 2\})$	928800
30	$\mathcal{O}(1; \{30, 15^2, 6, 2^6\})$	64800
30	$\mathcal{O}(1; \{30, 15^2, 6, 3^3, 2^2\})$	453600
30	$\mathcal{O}(1; \{30, 15^2, 6^2, 3, 2^3\})$	237600
30	$\mathcal{O}(1; \{30, 15^2, 6^3, 3^2\})$	928800
30	$\mathcal{O}(1; \{30, 15^2, 6^4, 2\})$	453600
30	$\mathcal{O}(1; \{30, 15^2, 10, 5^2, 3^2\})$	7380000
30	$\mathcal{O}(1; \{30, 15^2, 10, 6, 5^2, 2\})$	4428000
30	$\mathcal{O}(1; \{30, 15^3, 5^3, 2\})$	17690400
30	$\mathcal{O}(1; \{30, 15^3, 10, 2^4\})$	1101600
30	$\mathcal{O}(1; \{30, 15^3, 10, 3^3\})$	7711200
30	$\mathcal{O}(1; \{30, 15^3, 10, 6, 3, 2\})$	4039200
30	$\mathcal{O}(1; \{30, 15^4, 5, 3, 2\})$	16236000
30	$\mathcal{O}(1; \{30^2, 5^3, 3^2, 2^2\})$	1101600
30	$\mathcal{O}(1; \{30^2, 6, 5^3, 2^3\})$	367200
30	$\mathcal{O}(1; \{30^2, 6^2, 5^3, 3\})$	1836000
30	$\mathcal{O}(1; \{30^2, 10, 3^2, 2^5\})$	64800
30	$\mathcal{O}(1; \{30^2, 10, 3^5, 2\})$	453600
30	$\mathcal{O}(1; \{30^2, 10, 6, 2^6\})$	21600
30	$\mathcal{O}(1; \{30^2, 10, 6, 3^3, 2^2\})$	237600
30	$\mathcal{O}(1; \{30^2, 10, 6^2, 3, 2^3\})$	108000
30	$\mathcal{O}(1; \{30^2, 10, 6^3, 3^2\})$	453600
30	$\mathcal{O}(1; \{30^2, 10, 6^4, 2\})$	237600
30	$\mathcal{O}(1; \{30^2, 10^2, 5^2, 3^2\})$	4428000
30	$\mathcal{O}(1; \{30^2, 10^2, 6, 5^2, 2\})$	1476000
30	$\mathcal{O}(1; \{30^2, 15, 5, 2^6\})$	93600
30	$\mathcal{O}(1; \{30^2, 15, 5, 3^3, 2^2\})$	1029600
30	$\mathcal{O}(1; \{30^2, 15, 6, 5, 3, 2^3\})$	468000
30	$\mathcal{O}(1; \{30^2, 15, 6^2, 5, 3^2\})$	1965600

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(1; \{30^2, 15, 6^3, 5, 2\})$	1029600
30	$\mathcal{O}(1; \{30^2, 15, 10, 5^3, 2\})$	5896800
30	$\mathcal{O}(1; \{30^2, 15, 10^2, 2^4\})$	367200
30	$\mathcal{O}(1; \{30^2, 15, 10^2, 3^3\})$	4039200
30	$\mathcal{O}(1; \{30^2, 15, 10^2, 6, 3, 2\})$	1836000
30	$\mathcal{O}(1; \{30^2, 15^2, 10, 5, 3, 2\})$	7380000
30	$\mathcal{O}(1; \{30^2, 15^4, 2^2\})$	16236000
30	$\mathcal{O}(1; \{30^3, 5^2, 3, 2^3\})$	1101600
30	$\mathcal{O}(1; \{30^3, 6, 5^2, 3^2\})$	4039200
30	$\mathcal{O}(1; \{30^3, 6^2, 5^2, 2\})$	1836000
30	$\mathcal{O}(1; \{30^3, 10^2, 5, 3, 2\})$	4428000
30	$\mathcal{O}(1; \{30^3, 15, 3^2, 2^3\})$	1029600
30	$\mathcal{O}(1; \{30^3, 15, 6, 2^4\})$	468000
30	$\mathcal{O}(1; \{30^3, 15, 6, 3^3\})$	4024800
30	$\mathcal{O}(1; \{30^3, 15, 6^2, 3, 2\})$	1965600
30	$\mathcal{O}(1; \{30^3, 15^2, 10, 2^2\})$	7380000
30	$\mathcal{O}(1; \{30^4, 5, 2^4\})$	1101600
30	$\mathcal{O}(1; \{30^4, 5, 3^3\})$	7711200
30	$\mathcal{O}(1; \{30^4, 6, 5, 3, 2\})$	4039200
30	$\mathcal{O}(1; \{30^4, 10^2, 2^2\})$	4428000
30	$\mathcal{O}(1; \{30^4, 15^3\})$	123832800
30	$\mathcal{O}(1; \{30^5, 3^2, 2\})$	7711200
30	$\mathcal{O}(1; \{30^5, 6, 2^2\})$	4039200
30	$\mathcal{O}(1; \{30^5, 15, 10\})$	64864800
30	$\mathcal{O}(0; \{5^5, 3^4, 2^4\})$	1224
30	$\mathcal{O}(0; \{6, 5^5, 3^2, 2^5\})$	408
30	$\mathcal{O}(0; \{6, 5^5, 3^5, 2\})$	4488
30	$\mathcal{O}(0; \{6^2, 5^5, 2^6\})$	408
30	$\mathcal{O}(0; \{6^2, 5^5, 3^3, 2^2\})$	2040
30	$\mathcal{O}(0; \{6^3, 5^5, 3, 2^3\})$	1224
30	$\mathcal{O}(0; \{6^4, 5^5, 3^2\})$	4488
30	$\mathcal{O}(0; \{6^5, 5^5, 2\})$	2040
30	$\mathcal{O}(0; \{10, 5^2, 3^4, 2^7\})$	72
30	$\mathcal{O}(0; \{10, 5^2, 3^7, 2^3\})$	504
30	$\mathcal{O}(0; \{10, 6, 5^2, 3^2, 2^8\})$	24
30	$\mathcal{O}(0; \{10, 6, 5^2, 3^5, 2^4\})$	264
30	$\mathcal{O}(0; \{10, 6, 5^2, 3^8\})$	2040
30	$\mathcal{O}(0; \{10, 6, 5^7, 3^2\})$	26216
30	$\mathcal{O}(0; \{10, 6^2, 5^2, 2^9\})$	24
30	$\mathcal{O}(0; \{10, 6^2, 5^2, 3^3, 2^5\})$	120
30	$\mathcal{O}(0; \{10, 6^2, 5^2, 3^6, 2\})$	1032
30	$\mathcal{O}(0; \{10, 6^2, 5^7, 2\})$	26216
30	$\mathcal{O}(0; \{10, 6^3, 5^2, 3, 2^6\})$	72

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{10, 6^3, 5^2, 3^4, 2^2\})$	504
30	$\mathcal{O}(0; \{10, 6^4, 5^2, 3^2, 2^3\})$	264
30	$\mathcal{O}(0; \{10, 6^5, 5^2, 2^4\})$	120
30	$\mathcal{O}(0; \{10, 6^5, 5^2, 3^3\})$	1032
30	$\mathcal{O}(0; \{10, 6^6, 5^2, 3, 2\})$	504
30	$\mathcal{O}(0; \{10^2, 5^4, 3^4, 2^2\})$	4920
30	$\mathcal{O}(0; \{10^2, 6, 5^4, 3^2, 2^3\})$	1640
30	$\mathcal{O}(0; \{10^2, 6^2, 5^4, 2^4\})$	1640
30	$\mathcal{O}(0; \{10^2, 6^2, 5^4, 3^3\})$	8200
30	$\mathcal{O}(0; \{10^2, 6^3, 5^4, 3, 2\})$	4920
30	$\mathcal{O}(0; \{10^3, 5, 3^4, 2^5\})$	312
30	$\mathcal{O}(0; \{10^3, 5, 3^7, 2\})$	2184
30	$\mathcal{O}(0; \{10^3, 6, 5, 3^2, 2^6\})$	104
30	$\mathcal{O}(0; \{10^3, 6, 5, 3^5, 2^2\})$	1144
30	$\mathcal{O}(0; \{10^3, 6^2, 5, 2^7\})$	104
30	$\mathcal{O}(0; \{10^3, 6^2, 5, 3^3, 2^3\})$	520
30	$\mathcal{O}(0; \{10^3, 6^3, 5, 3, 2^4\})$	312
30	$\mathcal{O}(0; \{10^3, 6^3, 5, 3^4\})$	2184
30	$\mathcal{O}(0; \{10^3, 6^4, 5, 3^2, 2\})$	1144
30	$\mathcal{O}(0; \{10^3, 6^5, 5, 2^2\})$	520
30	$\mathcal{O}(0; \{10^4, 5^3, 3^4\})$	19656
30	$\mathcal{O}(0; \{10^4, 6, 5^3, 3^2, 2\})$	6552
30	$\mathcal{O}(0; \{10^4, 6^2, 5^3, 2^2\})$	6552
30	$\mathcal{O}(0; \{10^5, 3^4, 2^3\})$	1224
30	$\mathcal{O}(0; \{10^5, 6, 3^2, 2^4\})$	408
30	$\mathcal{O}(0; \{10^5, 6, 3^5\})$	4488
30	$\mathcal{O}(0; \{10^5, 6^2, 2^5\})$	408
30	$\mathcal{O}(0; \{10^5, 6^2, 3^3, 2\})$	2040
30	$\mathcal{O}(0; \{10^5, 6^3, 3, 2^2\})$	1224
30	$\mathcal{O}(0; \{10^5, 6^5\})$	2040
30	$\mathcal{O}(0; \{10^6, 6^2, 5^2\})$	26216
30	$\mathcal{O}(0; \{15, 5^3, 3^2, 2^8\})$	104
30	$\mathcal{O}(0; \{15, 5^3, 3^5, 2^4\})$	1144
30	$\mathcal{O}(0; \{15, 6, 5^3, 2^9\})$	104
30	$\mathcal{O}(0; \{15, 6, 5^3, 3^3, 2^5\})$	520
30	$\mathcal{O}(0; \{15, 6, 5^3, 3^6, 2\})$	4472
30	$\mathcal{O}(0; \{15, 6, 5^8, 2\})$	104856
30	$\mathcal{O}(0; \{15, 6^2, 5^3, 3, 2^6\})$	312
30	$\mathcal{O}(0; \{15, 6^2, 5^3, 3^4, 2^2\})$	2184
30	$\mathcal{O}(0; \{15, 6^3, 5^3, 3^2, 2^3\})$	1144
30	$\mathcal{O}(0; \{15, 6^4, 5^3, 2^4\})$	520
30	$\mathcal{O}(0; \{15, 6^4, 5^3, 3^3\})$	4472
30	$\mathcal{O}(0; \{15, 6^5, 5^3, 3, 2\})$	2184

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{15, 10, 3^2, 2^{11}\})$	8
30	$\mathcal{O}(0; \{15, 10, 3^5, 2^7\})$	88
30	$\mathcal{O}(0; \{15, 10, 3^8, 2^3\})$	680
30	$\mathcal{O}(0; \{15, 10, 5^5, 3^2, 2^3\})$	6552
30	$\mathcal{O}(0; \{15, 10, 6, 2^{12}\})$	8
30	$\mathcal{O}(0; \{15, 10, 6, 3^3, 2^8\})$	40
30	$\mathcal{O}(0; \{15, 10, 6, 3^6, 2^4\})$	344
30	$\mathcal{O}(0; \{15, 10, 6, 3^9\})$	2728
30	$\mathcal{O}(0; \{15, 10, 6, 5^5, 2^4\})$	6552
30	$\mathcal{O}(0; \{15, 10, 6, 5^5, 3^3\})$	32760
30	$\mathcal{O}(0; \{15, 10, 6^2, 3, 2^9\})$	24
30	$\mathcal{O}(0; \{15, 10, 6^2, 3^4, 2^5\})$	168
30	$\mathcal{O}(0; \{15, 10, 6^2, 3^7, 2\})$	1368
30	$\mathcal{O}(0; \{15, 10, 6^2, 5^5, 3, 2\})$	19656
30	$\mathcal{O}(0; \{15, 10, 6^3, 3^2, 2^6\})$	88
30	$\mathcal{O}(0; \{15, 10, 6^3, 3^5, 2^2\})$	680
30	$\mathcal{O}(0; \{15, 10, 6^4, 2^7\})$	40
30	$\mathcal{O}(0; \{15, 10, 6^4, 3^3, 2^3\})$	344
30	$\mathcal{O}(0; \{15, 10, 6^5, 3, 2^4\})$	168
30	$\mathcal{O}(0; \{15, 10, 6^5, 3^4\})$	1368
30	$\mathcal{O}(0; \{15, 10, 6^6, 3^2, 2\})$	680
30	$\mathcal{O}(0; \{15, 10, 6^7, 2^2\})$	344
30	$\mathcal{O}(0; \{15, 10^2, 5^2, 3^2, 2^6\})$	408
30	$\mathcal{O}(0; \{15, 10^2, 5^2, 3^5, 2^2\})$	4488
30	$\mathcal{O}(0; \{15, 10^2, 6, 5^2, 2^7\})$	408
30	$\mathcal{O}(0; \{15, 10^2, 6, 5^2, 3^3, 2^3\})$	2040
30	$\mathcal{O}(0; \{15, 10^2, 6^2, 5^2, 3, 2^4\})$	1224
30	$\mathcal{O}(0; \{15, 10^2, 6^2, 5^2, 3^4\})$	8568
30	$\mathcal{O}(0; \{15, 10^2, 6^3, 5^2, 3^2, 2\})$	4488
30	$\mathcal{O}(0; \{15, 10^2, 6^4, 5^2, 2^2\})$	2040
30	$\mathcal{O}(0; \{15, 10^3, 5^4, 3^2, 2\})$	26216
30	$\mathcal{O}(0; \{15, 10^3, 6, 5^4, 2^2\})$	26216
30	$\mathcal{O}(0; \{15, 10^4, 5, 3^2, 2^4\})$	1640
30	$\mathcal{O}(0; \{15, 10^4, 5, 3^5\})$	18040
30	$\mathcal{O}(0; \{15, 10^4, 6, 5, 2^5\})$	1640
30	$\mathcal{O}(0; \{15, 10^4, 6, 5, 3^3, 2\})$	8200
30	$\mathcal{O}(0; \{15, 10^4, 6^2, 5, 3, 2^2\})$	4920
30	$\mathcal{O}(0; \{15, 10^4, 6^4, 5\})$	8200
30	$\mathcal{O}(0; \{15, 10^5, 6, 5^3\})$	104856
30	$\mathcal{O}(0; \{15, 10^6, 3^2, 2^2\})$	6552
30	$\mathcal{O}(0; \{15, 10^6, 6, 2^3\})$	6552
30	$\mathcal{O}(0; \{15, 10^6, 6^2, 3\})$	19656
30	$\mathcal{O}(0; \{15^2, 5, 2^{12}\})$	24

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{15^2, 5, 3^3, 2^8\})$	120
30	$\mathcal{O}(0; \{15^2, 5, 3^6, 2^4\})$	1032
30	$\mathcal{O}(0; \{15^2, 5^6, 2^4\})$	26216
30	$\mathcal{O}(0; \{15^2, 6, 5, 3, 2^9\})$	72
30	$\mathcal{O}(0; \{15^2, 6, 5, 3^4, 2^5\})$	504
30	$\mathcal{O}(0; \{15^2, 6, 5, 3^7, 2\})$	4104
30	$\mathcal{O}(0; \{15^2, 6, 5^6, 3, 2\})$	78648
30	$\mathcal{O}(0; \{15^2, 6^2, 5, 3^2, 2^6\})$	264
30	$\mathcal{O}(0; \{15^2, 6^2, 5, 3^5, 2^2\})$	2040
30	$\mathcal{O}(0; \{15^2, 6^3, 5, 2^7\})$	120
30	$\mathcal{O}(0; \{15^2, 6^3, 5, 3^3, 2^3\})$	1032
30	$\mathcal{O}(0; \{15^2, 6^4, 5, 3, 2^4\})$	504
30	$\mathcal{O}(0; \{15^2, 6^4, 5, 3^4\})$	4104
30	$\mathcal{O}(0; \{15^2, 6^5, 5, 3^2, 2\})$	2040
30	$\mathcal{O}(0; \{15^2, 6^6, 5, 2^2\})$	1032
30	$\mathcal{O}(0; \{15^2, 10, 5^3, 2^7\})$	1640
30	$\mathcal{O}(0; \{15^2, 10, 5^3, 3^3, 2^3\})$	8200
30	$\mathcal{O}(0; \{15^2, 10, 6, 5^3, 3, 2^4\})$	4920
30	$\mathcal{O}(0; \{15^2, 10, 6, 5^3, 3^4\})$	34440
30	$\mathcal{O}(0; \{15^2, 10, 6^2, 5^3, 3^2, 2\})$	18040
30	$\mathcal{O}(0; \{15^2, 10, 6^3, 5^3, 2^2\})$	8200
30	$\mathcal{O}(0; \{15^2, 10^2, 2^{10}\})$	104
30	$\mathcal{O}(0; \{15^2, 10^2, 3^3, 2^6\})$	520
30	$\mathcal{O}(0; \{15^2, 10^2, 3^6, 2^2\})$	4472
30	$\mathcal{O}(0; \{15^2, 10^2, 5^5, 2^2\})$	104856
30	$\mathcal{O}(0; \{15^2, 10^2, 6, 3, 2^7\})$	312
30	$\mathcal{O}(0; \{15^2, 10^2, 6, 3^4, 2^3\})$	2184
30	$\mathcal{O}(0; \{15^2, 10^2, 6^2, 3^2, 2^4\})$	1144
30	$\mathcal{O}(0; \{15^2, 10^2, 6^2, 3^5\})$	8840
30	$\mathcal{O}(0; \{15^2, 10^2, 6^3, 2^5\})$	520
30	$\mathcal{O}(0; \{15^2, 10^2, 6^3, 3^3, 2\})$	4472
30	$\mathcal{O}(0; \{15^2, 10^2, 6^4, 3, 2^2\})$	2184
30	$\mathcal{O}(0; \{15^2, 10^2, 6^6\})$	4472
30	$\mathcal{O}(0; \{15^2, 10^3, 5^2, 2^5\})$	6552
30	$\mathcal{O}(0; \{15^2, 10^3, 5^2, 3^3, 2\})$	32760
30	$\mathcal{O}(0; \{15^2, 10^3, 6, 5^2, 3, 2^2\})$	19656
30	$\mathcal{O}(0; \{15^2, 10^3, 6^3, 5^2\})$	32760
30	$\mathcal{O}(0; \{15^2, 10^4, 5^4\})$	419432
30	$\mathcal{O}(0; \{15^2, 10^5, 5, 2^3\})$	26216
30	$\mathcal{O}(0; \{15^2, 10^5, 6, 5, 3\})$	78648
30	$\mathcal{O}(0; \{15^2, 10^7, 2\})$	104856
30	$\mathcal{O}(0; \{15^3, 5^4, 3, 2^4\})$	19656
30	$\mathcal{O}(0; \{15^3, 6, 5^4, 3^2, 2\})$	72072

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{15^3, 6^2, 5^4, 2^2\})$	32760
30	$\mathcal{O}(0; \{15^3, 10, 5, 3, 2^7\})$	1224
30	$\mathcal{O}(0; \{15^3, 10, 5, 3^4, 2^3\})$	8568
30	$\mathcal{O}(0; \{15^3, 10, 6, 5, 3^2, 2^4\})$	4488
30	$\mathcal{O}(0; \{15^3, 10, 6, 5, 3^5\})$	34680
30	$\mathcal{O}(0; \{15^3, 10, 6^2, 5, 2^5\})$	2040
30	$\mathcal{O}(0; \{15^3, 10, 6^2, 5, 3^3, 2\})$	17544
30	$\mathcal{O}(0; \{15^3, 10, 6^3, 5, 3, 2^2\})$	8568
30	$\mathcal{O}(0; \{15^3, 10, 6^5, 5\})$	17544
30	$\mathcal{O}(0; \{15^3, 10^2, 5^3, 3, 2^2\})$	78648
30	$\mathcal{O}(0; \{15^3, 10^2, 6^2, 5^3\})$	131080
30	$\mathcal{O}(0; \{15^3, 10^3, 3, 2^5\})$	4920
30	$\mathcal{O}(0; \{15^3, 10^3, 3^4, 2\})$	34440
30	$\mathcal{O}(0; \{15^3, 10^3, 6, 3^2, 2^2\})$	18040
30	$\mathcal{O}(0; \{15^3, 10^3, 6^2, 2^3\})$	8200
30	$\mathcal{O}(0; \{15^3, 10^3, 6^3, 3\})$	34440
30	$\mathcal{O}(0; \{15^3, 10^4, 5^2, 3\})$	314568
30	$\mathcal{O}(0; \{15^4, 5^2, 3^2, 2^4\})$	18040
30	$\mathcal{O}(0; \{15^4, 6, 5^2, 2^5\})$	8200
30	$\mathcal{O}(0; \{15^4, 6, 5^2, 3^3, 2\})$	70520
30	$\mathcal{O}(0; \{15^4, 6^2, 5^2, 3, 2^2\})$	34440
30	$\mathcal{O}(0; \{15^4, 6^4, 5^2\})$	70520
30	$\mathcal{O}(0; \{15^4, 10, 6, 5^4\})$	524280
30	$\mathcal{O}(0; \{15^4, 10^2, 5, 3^2, 2^2\})$	72072
30	$\mathcal{O}(0; \{15^4, 10^2, 6, 5, 2^3\})$	32760
30	$\mathcal{O}(0; \{15^4, 10^2, 6^2, 5, 3\})$	137592
30	$\mathcal{O}(0; \{15^4, 10^4, 3^2\})$	288376
30	$\mathcal{O}(0; \{15^4, 10^4, 6, 2\})$	131080
30	$\mathcal{O}(0; \{15^5, 2^8\})$	2040
30	$\mathcal{O}(0; \{15^5, 3^3, 2^4\})$	17544
30	$\mathcal{O}(0; \{15^5, 6, 3, 2^5\})$	8568
30	$\mathcal{O}(0; \{15^5, 6, 3^4, 2\})$	69768
30	$\mathcal{O}(0; \{15^5, 6^2, 3^2, 2^2\})$	34680
30	$\mathcal{O}(0; \{15^5, 6^3, 2^3\})$	17544
30	$\mathcal{O}(0; \{15^5, 6^4, 3\})$	69768
30	$\mathcal{O}(0; \{15^5, 10, 5^2, 2^3\})$	131080
30	$\mathcal{O}(0; \{15^5, 10, 6, 5^2, 3\})$	550536
30	$\mathcal{O}(0; \{15^5, 10^3, 5, 2\})$	524280
30	$\mathcal{O}(0; \{15^6, 10, 3, 2^3\})$	137592
30	$\mathcal{O}(0; \{15^6, 10, 6, 3^2\})$	556920
30	$\mathcal{O}(0; \{15^6, 10, 6^2, 2\})$	281736
30	$\mathcal{O}(0; \{15^7, 6, 5, 2\})$	1127288
30	$\mathcal{O}(0; \{30, 5^4, 3^3, 2^5\})$	1224

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30, 5^4, 3^6, 2\})$	8568
30	$\mathcal{O}(0; \{30, 6, 5^4, 3, 2^6\})$	408
30	$\mathcal{O}(0; \{30, 6, 5^4, 3^4, 2^2\})$	4488
30	$\mathcal{O}(0; \{30, 6^2, 5^4, 3^2, 2^3\})$	2040
30	$\mathcal{O}(0; \{30, 6^3, 5^4, 2^4\})$	1224
30	$\mathcal{O}(0; \{30, 6^3, 5^4, 3^3\})$	8568
30	$\mathcal{O}(0; \{30, 6^4, 5^4, 3, 2\})$	4488
30	$\mathcal{O}(0; \{30, 10, 5, 3^3, 2^8\})$	72
30	$\mathcal{O}(0; \{30, 10, 5, 3^6, 2^4\})$	504
30	$\mathcal{O}(0; \{30, 10, 5, 3^9\})$	4104
30	$\mathcal{O}(0; \{30, 10, 5^6, 3^3\})$	78648
30	$\mathcal{O}(0; \{30, 10, 6, 5, 3, 2^9\})$	24
30	$\mathcal{O}(0; \{30, 10, 6, 5, 3^4, 2^5\})$	264
30	$\mathcal{O}(0; \{30, 10, 6, 5, 3^7, 2\})$	2040
30	$\mathcal{O}(0; \{30, 10, 6, 5^6, 3, 2\})$	26216
30	$\mathcal{O}(0; \{30, 10, 6^2, 5, 3^2, 2^6\})$	120
30	$\mathcal{O}(0; \{30, 10, 6^2, 5, 3^5, 2^2\})$	1032
30	$\mathcal{O}(0; \{30, 10, 6^3, 5, 2^7\})$	72
30	$\mathcal{O}(0; \{30, 10, 6^3, 5, 3^3, 2^3\})$	504
30	$\mathcal{O}(0; \{30, 10, 6^4, 5, 3, 2^4\})$	264
30	$\mathcal{O}(0; \{30, 10, 6^4, 5, 3^4\})$	2040
30	$\mathcal{O}(0; \{30, 10, 6^5, 5, 3^2, 2\})$	1032
30	$\mathcal{O}(0; \{30, 10, 6^6, 5, 2^2\})$	504
30	$\mathcal{O}(0; \{30, 10^2, 5^3, 3^3, 2^3\})$	4920
30	$\mathcal{O}(0; \{30, 10^2, 6, 5^3, 3, 2^4\})$	1640
30	$\mathcal{O}(0; \{30, 10^2, 6, 5^3, 3^4\})$	18040
30	$\mathcal{O}(0; \{30, 10^2, 6^2, 5^3, 3^2, 2\})$	8200
30	$\mathcal{O}(0; \{30, 10^2, 6^3, 5^3, 2^2\})$	4920
30	$\mathcal{O}(0; \{30, 10^3, 3^3, 2^6\})$	312
30	$\mathcal{O}(0; \{30, 10^3, 3^6, 2^2\})$	2184
30	$\mathcal{O}(0; \{30, 10^3, 6, 3, 2^7\})$	104
30	$\mathcal{O}(0; \{30, 10^3, 6, 3^4, 2^3\})$	1144
30	$\mathcal{O}(0; \{30, 10^3, 6^2, 3^2, 2^4\})$	520
30	$\mathcal{O}(0; \{30, 10^3, 6^2, 3^5\})$	4472
30	$\mathcal{O}(0; \{30, 10^3, 6^3, 2^5\})$	312
30	$\mathcal{O}(0; \{30, 10^3, 6^3, 3^3, 2\})$	2184
30	$\mathcal{O}(0; \{30, 10^3, 6^4, 3, 2^2\})$	1144
30	$\mathcal{O}(0; \{30, 10^3, 6^6\})$	2184
30	$\mathcal{O}(0; \{30, 10^4, 5^2, 3^3, 2\})$	19656
30	$\mathcal{O}(0; \{30, 10^4, 6, 5^2, 3, 2^2\})$	6552
30	$\mathcal{O}(0; \{30, 10^4, 6^3, 5^2\})$	19656
30	$\mathcal{O}(0; \{30, 10^6, 6, 5, 3\})$	26216
30	$\mathcal{O}(0; \{30, 15, 5^2, 3, 2^9\})$	104

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30, 15, 5^2, 3^4, 2^5\})$	1144
30	$\mathcal{O}(0; \{30, 15, 5^2, 3^7, 2\})$	8840
30	$\mathcal{O}(0; \{30, 15, 5^7, 3, 2\})$	104856
30	$\mathcal{O}(0; \{30, 15, 6, 5^2, 3^2, 2^6\})$	520
30	$\mathcal{O}(0; \{30, 15, 6, 5^2, 3^5, 2^2\})$	4472
30	$\mathcal{O}(0; \{30, 15, 6^2, 5^2, 2^7\})$	312
30	$\mathcal{O}(0; \{30, 15, 6^2, 5^2, 3^3, 2^3\})$	2184
30	$\mathcal{O}(0; \{30, 15, 6^3, 5^2, 3, 2^4\})$	1144
30	$\mathcal{O}(0; \{30, 15, 6^3, 5^2, 3^4\})$	8840
30	$\mathcal{O}(0; \{30, 15, 6^4, 5^2, 3^2, 2\})$	4472
30	$\mathcal{O}(0; \{30, 15, 6^5, 5^2, 2^2\})$	2184
30	$\mathcal{O}(0; \{30, 15, 10, 5^4, 3, 2^4\})$	6552
30	$\mathcal{O}(0; \{30, 15, 10, 5^4, 3^4\})$	72072
30	$\mathcal{O}(0; \{30, 15, 10, 6, 5^4, 3^2, 2\})$	32760
30	$\mathcal{O}(0; \{30, 15, 10, 6^2, 5^4, 2^2\})$	19656
30	$\mathcal{O}(0; \{30, 15, 10^2, 5, 3, 2^7\})$	408
30	$\mathcal{O}(0; \{30, 15, 10^2, 5, 3^4, 2^3\})$	4488
30	$\mathcal{O}(0; \{30, 15, 10^2, 6, 5, 3^2, 2^4\})$	2040
30	$\mathcal{O}(0; \{30, 15, 10^2, 6, 5, 3^5\})$	17544
30	$\mathcal{O}(0; \{30, 15, 10^2, 6^2, 5, 2^5\})$	1224
30	$\mathcal{O}(0; \{30, 15, 10^2, 6^2, 5, 3^3, 2\})$	8568
30	$\mathcal{O}(0; \{30, 15, 10^2, 6^3, 5, 3, 2^2\})$	4488
30	$\mathcal{O}(0; \{30, 15, 10^2, 6^5, 5\})$	8568
30	$\mathcal{O}(0; \{30, 15, 10^3, 5^3, 3, 2^2\})$	26216
30	$\mathcal{O}(0; \{30, 15, 10^3, 6^2, 5^3\})$	78648
30	$\mathcal{O}(0; \{30, 15, 10^4, 3, 2^5\})$	1640
30	$\mathcal{O}(0; \{30, 15, 10^4, 3^4, 2\})$	18040
30	$\mathcal{O}(0; \{30, 15, 10^4, 6, 3^2, 2^2\})$	8200
30	$\mathcal{O}(0; \{30, 15, 10^4, 6^2, 2^3\})$	4920
30	$\mathcal{O}(0; \{30, 15, 10^4, 6^3, 3\})$	18040
30	$\mathcal{O}(0; \{30, 15, 10^5, 5^2, 3\})$	104856
30	$\mathcal{O}(0; \{30, 15^2, 3^2, 2^9\})$	120
30	$\mathcal{O}(0; \{30, 15^2, 3^5, 2^5\})$	1032
30	$\mathcal{O}(0; \{30, 15^2, 3^8, 2\})$	8184
30	$\mathcal{O}(0; \{30, 15^2, 5^5, 3^2, 2\})$	131080
30	$\mathcal{O}(0; \{30, 15^2, 6, 2^{10}\})$	72
30	$\mathcal{O}(0; \{30, 15^2, 6, 3^3, 2^6\})$	504
30	$\mathcal{O}(0; \{30, 15^2, 6, 3^6, 2^2\})$	4104
30	$\mathcal{O}(0; \{30, 15^2, 6, 5^5, 2^2\})$	78648
30	$\mathcal{O}(0; \{30, 15^2, 6^2, 3, 2^7\})$	264
30	$\mathcal{O}(0; \{30, 15^2, 6^2, 3^4, 2^3\})$	2040
30	$\mathcal{O}(0; \{30, 15^2, 6^3, 3^2, 2^4\})$	1032
30	$\mathcal{O}(0; \{30, 15^2, 6^3, 3^5\})$	8184

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30, 15^2, 6^4, 2^5\})$	504
30	$\mathcal{O}(0; \{30, 15^2, 6^4, 3^3, 2\})$	4104
30	$\mathcal{O}(0; \{30, 15^2, 6^5, 3, 2^2\})$	2040
30	$\mathcal{O}(0; \{30, 15^2, 6^7\})$	4104
30	$\mathcal{O}(0; \{30, 15^2, 10, 5^2, 3^2, 2^4\})$	8200
30	$\mathcal{O}(0; \{30, 15^2, 10, 5^2, 3^5\})$	70520
30	$\mathcal{O}(0; \{30, 15^2, 10, 6, 5^2, 2^5\})$	4920
30	$\mathcal{O}(0; \{30, 15^2, 10, 6, 5^2, 3^3, 2\})$	34440
30	$\mathcal{O}(0; \{30, 15^2, 10, 6^2, 5^2, 3, 2^2\})$	18040
30	$\mathcal{O}(0; \{30, 15^2, 10, 6^4, 5^2\})$	34440
30	$\mathcal{O}(0; \{30, 15^2, 10^2, 6, 5^4\})$	314568
30	$\mathcal{O}(0; \{30, 15^2, 10^3, 5, 3^2, 2^2\})$	32760
30	$\mathcal{O}(0; \{30, 15^2, 10^3, 6, 5, 2^3\})$	19656
30	$\mathcal{O}(0; \{30, 15^2, 10^3, 6^2, 5, 3\})$	72072
30	$\mathcal{O}(0; \{30, 15^2, 10^5, 3^2\})$	131080
30	$\mathcal{O}(0; \{30, 15^2, 10^5, 6, 2\})$	78648
30	$\mathcal{O}(0; \{30, 15^3, 5^3, 2^5\})$	19656
30	$\mathcal{O}(0; \{30, 15^3, 5^3, 3^3, 2\})$	137592
30	$\mathcal{O}(0; \{30, 15^3, 6, 5^3, 3, 2^2\})$	72072
30	$\mathcal{O}(0; \{30, 15^3, 6^3, 5^3\})$	137592
30	$\mathcal{O}(0; \{30, 15^3, 10, 2^8\})$	1224
30	$\mathcal{O}(0; \{30, 15^3, 10, 3^3, 2^4\})$	8568
30	$\mathcal{O}(0; \{30, 15^3, 10, 3^6\})$	69768
30	$\mathcal{O}(0; \{30, 15^3, 10, 5^5\})$	1258296
30	$\mathcal{O}(0; \{30, 15^3, 10, 6, 3, 2^5\})$	4488
30	$\mathcal{O}(0; \{30, 15^3, 10, 6, 3^4, 2\})$	34680
30	$\mathcal{O}(0; \{30, 15^3, 10, 6^2, 3^2, 2^2\})$	17544
30	$\mathcal{O}(0; \{30, 15^3, 10, 6^3, 2^3\})$	8568
30	$\mathcal{O}(0; \{30, 15^3, 10, 6^4, 3\})$	34680
30	$\mathcal{O}(0; \{30, 15^3, 10^2, 5^2, 2^3\})$	78648
30	$\mathcal{O}(0; \{30, 15^3, 10^2, 6, 5^2, 3\})$	288376
30	$\mathcal{O}(0; \{30, 15^3, 10^4, 5, 2\})$	314568
30	$\mathcal{O}(0; \{30, 15^4, 5, 3, 2^5\})$	18040
30	$\mathcal{O}(0; \{30, 15^4, 5, 3^4, 2\})$	139400
30	$\mathcal{O}(0; \{30, 15^4, 6, 5, 3^2, 2^2\})$	70520
30	$\mathcal{O}(0; \{30, 15^4, 6^2, 5, 2^3\})$	34440
30	$\mathcal{O}(0; \{30, 15^4, 6^3, 5, 3\})$	139400
30	$\mathcal{O}(0; \{30, 15^4, 10, 5^3, 3\})$	1153416
30	$\mathcal{O}(0; \{30, 15^4, 10^2, 3, 2^3\})$	72072
30	$\mathcal{O}(0; \{30, 15^4, 10^2, 6, 3^2\})$	281736
30	$\mathcal{O}(0; \{30, 15^4, 10^2, 6^2, 2\})$	137592
30	$\mathcal{O}(0; \{30, 15^5, 10, 5, 3^2\})$	1127288
30	$\mathcal{O}(0; \{30, 15^5, 10, 6, 5, 2\})$	550536

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30, 15^6, 5^2, 2\})$	2201976
30	$\mathcal{O}(0; \{30, 15^7, 3, 2\})$	2228360
30	$\mathcal{O}(0; \{30^2, 5^3, 3^2, 2^6\})$	1224
30	$\mathcal{O}(0; \{30^2, 5^3, 3^5, 2^2\})$	8568
30	$\mathcal{O}(0; \{30^2, 6, 5^3, 2^7\})$	408
30	$\mathcal{O}(0; \{30^2, 6, 5^3, 3^3, 2^3\})$	4488
30	$\mathcal{O}(0; \{30^2, 6^2, 5^3, 3, 2^4\})$	2040
30	$\mathcal{O}(0; \{30^2, 6^2, 5^3, 3^4\})$	17544
30	$\mathcal{O}(0; \{30^2, 6^3, 5^3, 3^2, 2\})$	8568
30	$\mathcal{O}(0; \{30^2, 6^4, 5^3, 2^2\})$	4488
30	$\mathcal{O}(0; \{30^2, 10, 3^2, 2^9\})$	72
30	$\mathcal{O}(0; \{30^2, 10, 3^5, 2^5\})$	504
30	$\mathcal{O}(0; \{30^2, 10, 3^8, 2\})$	4104
30	$\mathcal{O}(0; \{30^2, 10, 5^5, 3^2, 2\})$	78648
30	$\mathcal{O}(0; \{30^2, 10, 6, 2^{10}\})$	24
30	$\mathcal{O}(0; \{30^2, 10, 6, 3^3, 2^6\})$	264
30	$\mathcal{O}(0; \{30^2, 10, 6, 3^6, 2^2\})$	2040
30	$\mathcal{O}(0; \{30^2, 10, 6, 5^5, 2^2\})$	26216
30	$\mathcal{O}(0; \{30^2, 10, 6^2, 3, 2^7\})$	120
30	$\mathcal{O}(0; \{30^2, 10, 6^2, 3^4, 2^3\})$	1032
30	$\mathcal{O}(0; \{30^2, 10, 6^3, 3^2, 2^4\})$	504
30	$\mathcal{O}(0; \{30^2, 10, 6^3, 3^5\})$	4104
30	$\mathcal{O}(0; \{30^2, 10, 6^4, 2^5\})$	264
30	$\mathcal{O}(0; \{30^2, 10, 6^4, 3^3, 2\})$	2040
30	$\mathcal{O}(0; \{30^2, 10, 6^5, 3, 2^2\})$	1032
30	$\mathcal{O}(0; \{30^2, 10, 6^7\})$	2040
30	$\mathcal{O}(0; \{30^2, 10^2, 5^2, 3^2, 2^4\})$	4920
30	$\mathcal{O}(0; \{30^2, 10^2, 5^2, 3^5\})$	34440
30	$\mathcal{O}(0; \{30^2, 10^2, 6, 5^2, 2^5\})$	1640
30	$\mathcal{O}(0; \{30^2, 10^2, 6, 5^2, 3^3, 2\})$	18040
30	$\mathcal{O}(0; \{30^2, 10^2, 6^2, 5^2, 3, 2^2\})$	8200
30	$\mathcal{O}(0; \{30^2, 10^2, 6^4, 5^2\})$	18040
30	$\mathcal{O}(0; \{30^2, 10^3, 6, 5^4\})$	104856
30	$\mathcal{O}(0; \{30^2, 10^4, 5, 3^2, 2^2\})$	19656
30	$\mathcal{O}(0; \{30^2, 10^4, 6, 5, 2^3\})$	6552
30	$\mathcal{O}(0; \{30^2, 10^4, 6^2, 5, 3\})$	32760
30	$\mathcal{O}(0; \{30^2, 10^6, 3^2\})$	78648
30	$\mathcal{O}(0; \{30^2, 10^6, 6, 2\})$	26216
30	$\mathcal{O}(0; \{30^2, 15, 5, 2^{10}\})$	104
30	$\mathcal{O}(0; \{30^2, 15, 5, 3^3, 2^6\})$	1144
30	$\mathcal{O}(0; \{30^2, 15, 5, 3^6, 2^2\})$	8840
30	$\mathcal{O}(0; \{30^2, 15, 5^6, 2^2\})$	104856
30	$\mathcal{O}(0; \{30^2, 15, 6, 5, 3, 2^7\})$	520

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30^2, 15, 6, 5, 3^4, 2^3\})$	4472
30	$\mathcal{O}(0; \{30^2, 15, 6^2, 5, 3^2, 2^4\})$	2184
30	$\mathcal{O}(0; \{30^2, 15, 6^2, 5, 3^5\})$	17784
30	$\mathcal{O}(0; \{30^2, 15, 6^3, 5, 2^5\})$	1144
30	$\mathcal{O}(0; \{30^2, 15, 6^3, 5, 3^3, 2\})$	8840
30	$\mathcal{O}(0; \{30^2, 15, 6^4, 5, 3, 2^2\})$	4472
30	$\mathcal{O}(0; \{30^2, 15, 6^6, 5\})$	8840
30	$\mathcal{O}(0; \{30^2, 15, 10, 5^3, 2^5\})$	6552
30	$\mathcal{O}(0; \{30^2, 15, 10, 5^3, 3^3, 2\})$	72072
30	$\mathcal{O}(0; \{30^2, 15, 10, 6, 5^3, 3, 2^2\})$	32760
30	$\mathcal{O}(0; \{30^2, 15, 10, 6^3, 5^3\})$	72072
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 2^8\})$	408
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 3^3, 2^4\})$	4488
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 3^6\})$	34680
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 5^5\})$	419432
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 6, 3, 2^5\})$	2040
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 6, 3^4, 2\})$	17544
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 6^2, 3^2, 2^2\})$	8568
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 6^3, 2^3\})$	4488
30	$\mathcal{O}(0; \{30^2, 15, 10^2, 6^4, 3\})$	17544
30	$\mathcal{O}(0; \{30^2, 15, 10^3, 5^2, 2^3\})$	26216
30	$\mathcal{O}(0; \{30^2, 15, 10^3, 6, 5^2, 3\})$	131080
30	$\mathcal{O}(0; \{30^2, 15, 10^5, 5, 2\})$	104856
30	$\mathcal{O}(0; \{30^2, 15^2, 5^4, 3, 2^2\})$	131080
30	$\mathcal{O}(0; \{30^2, 15^2, 6^2, 5^4\})$	288376
30	$\mathcal{O}(0; \{30^2, 15^2, 10, 5, 3, 2^5\})$	8200
30	$\mathcal{O}(0; \{30^2, 15^2, 10, 5, 3^4, 2\})$	70520
30	$\mathcal{O}(0; \{30^2, 15^2, 10, 6, 5, 3^2, 2^2\})$	34440
30	$\mathcal{O}(0; \{30^2, 15^2, 10, 6^2, 5, 2^3\})$	18040
30	$\mathcal{O}(0; \{30^2, 15^2, 10, 6^3, 5, 3\})$	70520
30	$\mathcal{O}(0; \{30^2, 15^2, 10^2, 5^3, 3\})$	524280
30	$\mathcal{O}(0; \{30^2, 15^2, 10^3, 3, 2^3\})$	32760
30	$\mathcal{O}(0; \{30^2, 15^2, 10^3, 6, 3^2\})$	137592
30	$\mathcal{O}(0; \{30^2, 15^2, 10^3, 6^2, 2\})$	72072
30	$\mathcal{O}(0; \{30^2, 15^3, 5^2, 3^2, 2^2\})$	137592
30	$\mathcal{O}(0; \{30^2, 15^3, 6, 5^2, 2^3\})$	72072
30	$\mathcal{O}(0; \{30^2, 15^3, 6^2, 5^2, 3\})$	281736
30	$\mathcal{O}(0; \{30^2, 15^3, 10^2, 5, 3^2\})$	550536
30	$\mathcal{O}(0; \{30^2, 15^3, 10^2, 6, 5, 2\})$	288376
30	$\mathcal{O}(0; \{30^2, 15^4, 2^6\})$	18040
30	$\mathcal{O}(0; \{30^2, 15^4, 3^3, 2^2\})$	139400
30	$\mathcal{O}(0; \{30^2, 15^4, 6, 3, 2^3\})$	70520
30	$\mathcal{O}(0; \{30^2, 15^4, 6^2, 3^2\})$	280440

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30^2, 15^4, 6^3, 2\})$	139400
30	$\mathcal{O}(0; \{30^2, 15^4, 10, 5^2, 2\})$	1153416
30	$\mathcal{O}(0; \{30^2, 15^5, 10, 3, 2\})$	1127288
30	$\mathcal{O}(0; \{30^3, 5^2, 3, 2^7\})$	1224
30	$\mathcal{O}(0; \{30^3, 5^2, 3^4, 2^3\})$	8568
30	$\mathcal{O}(0; \{30^3, 6, 5^2, 3^2, 2^4\})$	4488
30	$\mathcal{O}(0; \{30^3, 6, 5^2, 3^5\})$	34680
30	$\mathcal{O}(0; \{30^3, 6^2, 5^2, 2^5\})$	2040
30	$\mathcal{O}(0; \{30^3, 6^2, 5^2, 3^3, 2\})$	17544
30	$\mathcal{O}(0; \{30^3, 6^3, 5^2, 3, 2^2\})$	8568
30	$\mathcal{O}(0; \{30^3, 6^5, 5^2\})$	17544
30	$\mathcal{O}(0; \{30^3, 10, 5^4, 3, 2^2\})$	78648
30	$\mathcal{O}(0; \{30^3, 10, 6^2, 5^4\})$	131080
30	$\mathcal{O}(0; \{30^3, 10^2, 5, 3, 2^5\})$	4920
30	$\mathcal{O}(0; \{30^3, 10^2, 5, 3^4, 2\})$	34440
30	$\mathcal{O}(0; \{30^3, 10^2, 6, 5, 3^2, 2^2\})$	18040
30	$\mathcal{O}(0; \{30^3, 10^2, 6^2, 5, 2^3\})$	8200
30	$\mathcal{O}(0; \{30^3, 10^2, 6^3, 5, 3\})$	34440
30	$\mathcal{O}(0; \{30^3, 10^3, 5^3, 3\})$	314568
30	$\mathcal{O}(0; \{30^3, 10^4, 3, 2^3\})$	19656
30	$\mathcal{O}(0; \{30^3, 10^4, 6, 3^2\})$	72072
30	$\mathcal{O}(0; \{30^3, 10^4, 6^2, 2\})$	32760
30	$\mathcal{O}(0; \{30^3, 15, 3^2, 2^7\})$	1144
30	$\mathcal{O}(0; \{30^3, 15, 3^5, 2^3\})$	8840
30	$\mathcal{O}(0; \{30^3, 15, 6, 2^8\})$	520
30	$\mathcal{O}(0; \{30^3, 15, 6, 3^3, 2^4\})$	4472
30	$\mathcal{O}(0; \{30^3, 15, 6, 3^6\})$	35464
30	$\mathcal{O}(0; \{30^3, 15, 6, 5^5\})$	524280
30	$\mathcal{O}(0; \{30^3, 15, 6^2, 3, 2^5\})$	2184
30	$\mathcal{O}(0; \{30^3, 15, 6^2, 3^4, 2\})$	17784
30	$\mathcal{O}(0; \{30^3, 15, 6^3, 3^2, 2^2\})$	8840
30	$\mathcal{O}(0; \{30^3, 15, 6^4, 2^3\})$	4472
30	$\mathcal{O}(0; \{30^3, 15, 6^5, 3\})$	17784
30	$\mathcal{O}(0; \{30^3, 15, 10, 5^2, 3^2, 2^2\})$	72072
30	$\mathcal{O}(0; \{30^3, 15, 10, 6, 5^2, 2^3\})$	32760
30	$\mathcal{O}(0; \{30^3, 15, 10, 6^2, 5^2, 3\})$	137592
30	$\mathcal{O}(0; \{30^3, 15, 10^3, 5, 3^2\})$	288376
30	$\mathcal{O}(0; \{30^3, 15, 10^3, 6, 5, 2\})$	131080
30	$\mathcal{O}(0; \{30^3, 15^2, 5^3, 2^3\})$	131080
30	$\mathcal{O}(0; \{30^3, 15^2, 6, 5^3, 3\})$	550536
30	$\mathcal{O}(0; \{30^3, 15^2, 10, 2^6\})$	8200
30	$\mathcal{O}(0; \{30^3, 15^2, 10, 3^3, 2^2\})$	70520
30	$\mathcal{O}(0; \{30^3, 15^2, 10, 6, 3, 2^3\})$	34440

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30^3, 15^2, 10, 6^2, 3^2\})$	139400
30	$\mathcal{O}(0; \{30^3, 15^2, 10, 6^3, 2\})$	70520
30	$\mathcal{O}(0; \{30^3, 15^2, 10^2, 5^2, 2\})$	524280
30	$\mathcal{O}(0; \{30^3, 15^3, 5, 3, 2^3\})$	137592
30	$\mathcal{O}(0; \{30^3, 15^3, 6, 5, 3^2\})$	556920
30	$\mathcal{O}(0; \{30^3, 15^3, 6^2, 5, 2\})$	281736
30	$\mathcal{O}(0; \{30^3, 15^3, 10^2, 3, 2\})$	550536
30	$\mathcal{O}(0; \{30^4, 5, 2^8\})$	1224
30	$\mathcal{O}(0; \{30^4, 5, 3^3, 2^4\})$	8568
30	$\mathcal{O}(0; \{30^4, 5, 3^6\})$	69768
30	$\mathcal{O}(0; \{30^4, 5^6\})$	1258296
30	$\mathcal{O}(0; \{30^4, 6, 5, 3, 2^5\})$	4488
30	$\mathcal{O}(0; \{30^4, 6, 5, 3^4, 2\})$	34680
30	$\mathcal{O}(0; \{30^4, 6^2, 5, 3^2, 2^2\})$	17544
30	$\mathcal{O}(0; \{30^4, 6^3, 5, 2^3\})$	8568
30	$\mathcal{O}(0; \{30^4, 6^4, 5, 3\})$	34680
30	$\mathcal{O}(0; \{30^4, 10, 5^3, 2^3\})$	78648
30	$\mathcal{O}(0; \{30^4, 10, 6, 5^3, 3\})$	288376
30	$\mathcal{O}(0; \{30^4, 10^2, 2^6\})$	4920
30	$\mathcal{O}(0; \{30^4, 10^2, 3^3, 2^2\})$	34440
30	$\mathcal{O}(0; \{30^4, 10^2, 6, 3, 2^3\})$	18040
30	$\mathcal{O}(0; \{30^4, 10^2, 6^2, 3^2\})$	70520
30	$\mathcal{O}(0; \{30^4, 10^2, 6^3, 2\})$	34440
30	$\mathcal{O}(0; \{30^4, 10^3, 5^2, 2\})$	314568
30	$\mathcal{O}(0; \{30^4, 15, 5^4, 3\})$	1153416
30	$\mathcal{O}(0; \{30^4, 15, 10, 5, 3, 2^3\})$	72072
30	$\mathcal{O}(0; \{30^4, 15, 10, 6, 5, 3^2\})$	281736
30	$\mathcal{O}(0; \{30^4, 15, 10, 6^2, 5, 2\})$	137592
30	$\mathcal{O}(0; \{30^4, 15, 10^3, 3, 2\})$	288376
30	$\mathcal{O}(0; \{30^4, 15^2, 5^2, 3^2\})$	1127288
30	$\mathcal{O}(0; \{30^4, 15^2, 6, 5^2, 2\})$	550536
30	$\mathcal{O}(0; \{30^4, 15^3, 2^4\})$	137592
30	$\mathcal{O}(0; \{30^4, 15^3, 3^3\})$	1120392
30	$\mathcal{O}(0; \{30^4, 15^3, 6, 3, 2\})$	556920
30	$\mathcal{O}(0; \{30^5, 3^2, 2^5\})$	8568
30	$\mathcal{O}(0; \{30^5, 3^5, 2\})$	69768
30	$\mathcal{O}(0; \{30^5, 6, 2^6\})$	4488
30	$\mathcal{O}(0; \{30^5, 6, 3^3, 2^2\})$	34680
30	$\mathcal{O}(0; \{30^5, 6^2, 3, 2^3\})$	17544
30	$\mathcal{O}(0; \{30^5, 6^3, 3^2\})$	69768
30	$\mathcal{O}(0; \{30^5, 6^4, 2\})$	34680
30	$\mathcal{O}(0; \{30^5, 10, 5^2, 3^2\})$	550536
30	$\mathcal{O}(0; \{30^5, 10, 6, 5^2, 2\})$	288376

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
30	$\mathcal{O}(0; \{30^5, 15, 5^3, 2\})$	1153416
30	$\mathcal{O}(0; \{30^5, 15, 10, 2^4\})$	72072
30	$\mathcal{O}(0; \{30^5, 15, 10, 3^3\})$	556920
30	$\mathcal{O}(0; \{30^5, 15, 10, 6, 3, 2\})$	281736
30	$\mathcal{O}(0; \{30^5, 15^2, 5, 3, 2\})$	1127288
30	$\mathcal{O}(0; \{30^6, 10, 5, 3, 2\})$	550536
30	$\mathcal{O}(0; \{30^6, 15^2, 2^2\})$	1127288
30	$\mathcal{O}(0; \{30^7, 10, 2^2\})$	550536
30	$\mathcal{O}(0; \{30^8, 15\})$	8912760
32	$\mathcal{O}(3; \{8^2, 2\})$	4227858432
32	$\mathcal{O}(2; \{8^2, 2^5\})$	3932160
32	$\mathcal{O}(2; \{8^2, 4^2, 2^2\})$	15728640
32	$\mathcal{O}(2; \{8^4, 4\})$	125829120
32	$\mathcal{O}(2; \{16^2, 8, 2^3\})$	31457280
32	$\mathcal{O}(2; \{16^2, 8, 4^2\})$	125829120
32	$\mathcal{O}(2; \{16^4, 2\})$	503316480
32	$\mathcal{O}(2; \{32^2, 16, 8, 2\})$	536870912
32	$\mathcal{O}(1; \{8^2, 2^9\})$	3072
32	$\mathcal{O}(1; \{8^2, 4^2, 2^6\})$	12288
32	$\mathcal{O}(1; \{8^2, 4^4, 2^3\})$	49152
32	$\mathcal{O}(1; \{8^2, 4^6\})$	196608
32	$\mathcal{O}(1; \{8^4, 4, 2^4\})$	98304
32	$\mathcal{O}(1; \{8^4, 4^3, 2\})$	393216
32	$\mathcal{O}(1; \{8^6, 2^2\})$	786432
32	$\mathcal{O}(1; \{16^2, 8, 2^7\})$	24576
32	$\mathcal{O}(1; \{16^2, 8, 4^2, 2^4\})$	98304
32	$\mathcal{O}(1; \{16^2, 8, 4^4, 2\})$	393216
32	$\mathcal{O}(1; \{16^2, 8^3, 4, 2^2\})$	786432
32	$\mathcal{O}(1; \{16^2, 8^5\})$	6291456
32	$\mathcal{O}(1; \{16^4, 2^5\})$	393216
32	$\mathcal{O}(1; \{16^4, 4^2, 2^2\})$	1572864
32	$\mathcal{O}(1; \{16^4, 8^2, 4\})$	12582912
32	$\mathcal{O}(1; \{32^2, 16, 8, 2^5\})$	524288
32	$\mathcal{O}(1; \{32^2, 16, 8, 4^2, 2^2\})$	2097152
32	$\mathcal{O}(1; \{32^2, 16, 8^3, 4\})$	16777216
32	$\mathcal{O}(1; \{32^2, 16^3, 2^3\})$	8388608
32	$\mathcal{O}(1; \{32^2, 16^3, 4^2\})$	33554432
32	$\mathcal{O}(1; \{32^4, 8, 2^3\})$	16777216
32	$\mathcal{O}(1; \{32^4, 8, 4^2\})$	67108864
32	$\mathcal{O}(1; \{32^4, 16^2, 2\})$	268435456
32	$\mathcal{O}(0; \{32^2, 16, 8, 2^9\})$	512
32	$\mathcal{O}(0; \{32^2, 16, 8, 4^2, 2^6\})$	2048
32	$\mathcal{O}(0; \{32^2, 16, 8, 4^4, 2^3\})$	8192

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
32	$\mathcal{O}(0; \{32^2, 16, 8, 4^6\})$	32768
32	$\mathcal{O}(0; \{32^2, 16, 8^3, 4, 2^4\})$	16384
32	$\mathcal{O}(0; \{32^2, 16, 8^3, 4^3, 2\})$	65536
32	$\mathcal{O}(0; \{32^2, 16, 8^5, 2^2\})$	131072
32	$\mathcal{O}(0; \{32^2, 16^3, 2^7\})$	8192
32	$\mathcal{O}(0; \{32^2, 16^3, 4^2, 2^4\})$	32768
32	$\mathcal{O}(0; \{32^2, 16^3, 4^4, 2\})$	131072
32	$\mathcal{O}(0; \{32^2, 16^3, 8^2, 4, 2^2\})$	262144
32	$\mathcal{O}(0; \{32^2, 16^3, 8^4\})$	2097152
32	$\mathcal{O}(0; \{32^2, 16^5, 8, 4\})$	4194304
32	$\mathcal{O}(0; \{32^4, 8, 2^7\})$	16384
32	$\mathcal{O}(0; \{32^4, 8, 4^2, 2^4\})$	65536
32	$\mathcal{O}(0; \{32^4, 8, 4^4, 2\})$	262144
32	$\mathcal{O}(0; \{32^4, 8^3, 4, 2^2\})$	524288
32	$\mathcal{O}(0; \{32^4, 8^5\})$	4194304
32	$\mathcal{O}(0; \{32^4, 16^2, 2^5\})$	262144
32	$\mathcal{O}(0; \{32^4, 16^2, 4^2, 2^2\})$	1048576
32	$\mathcal{O}(0; \{32^4, 16^2, 8^2, 4\})$	8388608
32	$\mathcal{O}(0; \{32^6, 16, 2^3\})$	8388608
32	$\mathcal{O}(0; \{32^6, 16, 4^2\})$	33554432
32	$\mathcal{O}(0; \{32^8, 2\})$	268435456
33	$\mathcal{O}(2; \{11^3, 3^2\})$	213465780
33	$\mathcal{O}(1; \{11^3, 3^5\})$	980100
33	$\mathcal{O}(1; \{33^3, 11^2, 3^2\})$	98990100
33	$\mathcal{O}(0; \{11^3, 3^8\})$	7740
33	$\mathcal{O}(0; \{33^2, 11^6, 3\})$	18181820
33	$\mathcal{O}(0; \{33^3, 11^2, 3^5\})$	781740
33	$\mathcal{O}(0; \{33^6, 11, 3^2\})$	78181740
34	$\mathcal{O}(3; \{17^2\})$	24330669552
34	$\mathcal{O}(2; \{17^2, 2^4\})$	21381376
34	$\mathcal{O}(2; \{34^2, 17, 2^2\})$	320720640
34	$\mathcal{O}(2; \{34^4\})$	5152911616
34	$\mathcal{O}(1; \{17^2, 2^8\})$	18496
34	$\mathcal{O}(1; \{34^2, 17, 2^6\})$	277440
34	$\mathcal{O}(1; \{34^4, 2^4\})$	4457536
34	$\mathcal{O}(0; \{17^2, 2^{12}\})$	16
34	$\mathcal{O}(0; \{34^2, 17, 2^{10}\})$	240
34	$\mathcal{O}(0; \{34^4, 2^8\})$	3856
35	$\mathcal{O}(3; \{7^2\})$	11028887856
35	$\mathcal{O}(2; \{35^3, 5\})$	2340975000
35	$\mathcal{O}(1; \{7^2, 5^5\})$	1499400
35	$\mathcal{O}(1; \{35^5, 7\})$	1665833400
35	$\mathcal{O}(0; \{35, 7^6, 5^2\})$	479880

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
35	$\mathcal{O}(0; \{35^2, 7^3, 5^4\})$	910200
35	$\mathcal{O}(0; \{35^3, 5^6\})$	1572840
36	$\mathcal{O}(2; \{9^4\})$	255091680
36	$\mathcal{O}(2; \{18, 9^2, 6\})$	56687040
36	$\mathcal{O}(2; \{18^2, 3, 2^2\})$	18895680
36	$\mathcal{O}(2; \{18^2, 6^2\})$	37791360
36	$\mathcal{O}(2; \{18^2, 12, 4\})$	40310784
36	$\mathcal{O}(2; \{36, 18, 9, 4\})$	60466176
36	$\mathcal{O}(2; \{36^2, 18, 3\})$	120932352
36	$\mathcal{O}(1; \{9^4, 2^4\})$	157464
36	$\mathcal{O}(1; \{9^4, 3^3\})$	1259712
36	$\mathcal{O}(1; \{9^4, 4^2, 2\})$	419904
36	$\mathcal{O}(1; \{9^4, 6, 3, 2\})$	629856
36	$\mathcal{O}(1; \{18, 9^2, 3^2, 2^3\})$	69984
36	$\mathcal{O}(1; \{18, 9^2, 4^2, 3^2\})$	186624
36	$\mathcal{O}(1; \{18, 9^2, 6, 2^4\})$	34992
36	$\mathcal{O}(1; \{18, 9^2, 6, 3^3\})$	279936
36	$\mathcal{O}(1; \{18, 9^2, 6, 4^2, 2\})$	93312
36	$\mathcal{O}(1; \{18, 9^2, 6^2, 3, 2\})$	139968
36	$\mathcal{O}(1; \{18, 12, 9^2, 4, 3, 2\})$	186624
36	$\mathcal{O}(1; \{18, 12^2, 9^2, 2^2\})$	186624
36	$\mathcal{O}(1; \{18^2, 3, 2^6\})$	11664
36	$\mathcal{O}(1; \{18^2, 3^4, 2^2\})$	93312
36	$\mathcal{O}(1; \{18^2, 4^2, 3, 2^3\})$	31104
36	$\mathcal{O}(1; \{18^2, 4^4, 3\})$	124416
36	$\mathcal{O}(1; \{18^2, 6, 3^2, 2^3\})$	46656
36	$\mathcal{O}(1; \{18^2, 6, 4^2, 3^2\})$	124416
36	$\mathcal{O}(1; \{18^2, 6^2, 2^4\})$	23328
36	$\mathcal{O}(1; \{18^2, 6^2, 3^3\})$	186624
36	$\mathcal{O}(1; \{18^2, 6^2, 4^2, 2\})$	62208
36	$\mathcal{O}(1; \{18^2, 6^3, 3, 2\})$	93312
36	$\mathcal{O}(1; \{18^2, 9^3, 2^2\})$	787320
36	$\mathcal{O}(1; \{18^2, 12, 4, 2^4\})$	31104
36	$\mathcal{O}(1; \{18^2, 12, 4, 3^3\})$	248832
36	$\mathcal{O}(1; \{18^2, 12, 4^3, 2\})$	124416
36	$\mathcal{O}(1; \{18^2, 12, 6, 4, 3, 2\})$	124416
36	$\mathcal{O}(1; \{18^2, 12^2, 3^2, 2\})$	248832
36	$\mathcal{O}(1; \{18^2, 12^2, 6, 2^2\})$	124416
36	$\mathcal{O}(1; \{18^2, 12^4\})$	995328
36	$\mathcal{O}(1; \{18^3, 9, 3^2, 2\})$	629856
36	$\mathcal{O}(1; \{18^3, 9, 6, 2^2\})$	314928
36	$\mathcal{O}(1; \{18^3, 12^2, 9\})$	1679616
36	$\mathcal{O}(1; \{18^4, 9^2\})$	5196312

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(1; \{18^5, 6\})$	1574640
36	$\mathcal{O}(1; \{36, 9^3, 4, 3, 2\})$	839808
36	$\mathcal{O}(1; \{36, 12, 9^3, 2^2\})$	839808
36	$\mathcal{O}(1; \{36, 18, 9, 4, 2^4\})$	46656
36	$\mathcal{O}(1; \{36, 18, 9, 4, 3^3\})$	373248
36	$\mathcal{O}(1; \{36, 18, 9, 4^3, 2\})$	186624
36	$\mathcal{O}(1; \{36, 18, 9, 6, 4, 3, 2\})$	186624
36	$\mathcal{O}(1; \{36, 18, 12, 9, 3^2, 2\})$	373248
36	$\mathcal{O}(1; \{36, 18, 12, 9, 6, 2^2\})$	186624
36	$\mathcal{O}(1; \{36, 18, 12^3, 9\})$	1492992
36	$\mathcal{O}(1; \{36, 18^2, 12, 9^2\})$	4199040
36	$\mathcal{O}(1; \{36, 18^3, 4, 2^2\})$	419904
36	$\mathcal{O}(1; \{36, 18^3, 12, 6\})$	1679616
36	$\mathcal{O}(1; \{36^2, 9^2, 3^2, 2\})$	1679616
36	$\mathcal{O}(1; \{36^2, 9^2, 6, 2^2\})$	839808
36	$\mathcal{O}(1; \{36^2, 12^2, 9^2\})$	6718464
36	$\mathcal{O}(1; \{36^2, 18, 3, 2^4\})$	93312
36	$\mathcal{O}(1; \{36^2, 18, 3^4\})$	746496
36	$\mathcal{O}(1; \{36^2, 18, 4^2, 3, 2\})$	373248
36	$\mathcal{O}(1; \{36^2, 18, 6, 3^2, 2\})$	373248
36	$\mathcal{O}(1; \{36^2, 18, 6^2, 2^2\})$	186624
36	$\mathcal{O}(1; \{36^2, 18, 9^3\})$	13856832
36	$\mathcal{O}(1; \{36^2, 18, 12, 4, 2^2\})$	373248
36	$\mathcal{O}(1; \{36^2, 18, 12^2, 6\})$	1492992
36	$\mathcal{O}(1; \{36^2, 18^2, 9, 6\})$	4199040
36	$\mathcal{O}(1; \{36^3, 9, 4, 2^2\})$	1679616
36	$\mathcal{O}(1; \{36^3, 12, 9, 6\})$	6718464
36	$\mathcal{O}(1; \{36^3, 18^2, 4\})$	8398080
36	$\mathcal{O}(1; \{36^4, 3, 2^2\})$	3359232
36	$\mathcal{O}(1; \{36^4, 6^2\})$	6718464
36	$\mathcal{O}(1; \{36^4, 12, 4\})$	13436928
36	$\mathcal{O}(0; \{9^4, 4^2, 2^5\})$	324
36	$\mathcal{O}(0; \{9^4, 4^2, 3^3, 2\})$	2592
36	$\mathcal{O}(0; \{9^4, 4^4, 2^2\})$	1296
36	$\mathcal{O}(0; \{9^4, 6, 4^2, 3, 2^2\})$	1296
36	$\mathcal{O}(0; \{9^4, 6^3, 4^2\})$	2592
36	$\mathcal{O}(0; \{12, 9^4, 4, 3^2, 2^2\})$	2592
36	$\mathcal{O}(0; \{12, 9^4, 6, 4, 2^3\})$	1296
36	$\mathcal{O}(0; \{12, 9^4, 6, 4^3\})$	5184
36	$\mathcal{O}(0; \{12, 9^4, 6^2, 4, 3\})$	5184
36	$\mathcal{O}(0; \{12^2, 9^4, 3, 2^3\})$	2592
36	$\mathcal{O}(0; \{12^2, 9^4, 4^2, 3\})$	10368
36	$\mathcal{O}(0; \{12^2, 9^4, 6, 3^2\})$	10368

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{12^2, 9^4, 6^2, 2\})$	5184
36	$\mathcal{O}(0; \{12^3, 9^4, 4, 2\})$	10368
36	$\mathcal{O}(0; \{18, 9^2, 4^2, 3^2, 2^4\})$	144
36	$\mathcal{O}(0; \{18, 9^2, 4^2, 3^5\})$	1152
36	$\mathcal{O}(0; \{18, 9^2, 4^4, 3^2, 2\})$	576
36	$\mathcal{O}(0; \{18, 9^2, 6, 4^2, 2^5\})$	72
36	$\mathcal{O}(0; \{18, 9^2, 6, 4^2, 3^3, 2\})$	576
36	$\mathcal{O}(0; \{18, 9^2, 6, 4^4, 2^2\})$	288
36	$\mathcal{O}(0; \{18, 9^2, 6^2, 4^2, 3, 2^2\})$	288
36	$\mathcal{O}(0; \{18, 9^2, 6^4, 4^2\})$	576
36	$\mathcal{O}(0; \{18, 9^5, 4^2, 3\})$	21384
36	$\mathcal{O}(0; \{18, 12, 9^2, 4, 3, 2^5\})$	144
36	$\mathcal{O}(0; \{18, 12, 9^2, 4, 3^4, 2\})$	1152
36	$\mathcal{O}(0; \{18, 12, 9^2, 4^3, 3, 2^2\})$	576
36	$\mathcal{O}(0; \{18, 12, 9^2, 6, 4, 3^2, 2^2\})$	576
36	$\mathcal{O}(0; \{18, 12, 9^2, 6^2, 4, 2^3\})$	288
36	$\mathcal{O}(0; \{18, 12, 9^2, 6^2, 4^3\})$	1152
36	$\mathcal{O}(0; \{18, 12, 9^2, 6^3, 4, 3\})$	1152
36	$\mathcal{O}(0; \{18, 12, 9^5, 4, 2\})$	21384
36	$\mathcal{O}(0; \{18, 12^2, 9^2, 2^6\})$	144
36	$\mathcal{O}(0; \{18, 12^2, 9^2, 3^3, 2^2\})$	1152
36	$\mathcal{O}(0; \{18, 12^2, 9^2, 4^2, 2^3\})$	576
36	$\mathcal{O}(0; \{18, 12^2, 9^2, 4^4\})$	2304
36	$\mathcal{O}(0; \{18, 12^2, 9^2, 6, 3, 2^3\})$	576
36	$\mathcal{O}(0; \{18, 12^2, 9^2, 6, 4^2, 3\})$	2304
36	$\mathcal{O}(0; \{18, 12^2, 9^2, 6^2, 3^2\})$	2304
36	$\mathcal{O}(0; \{18, 12^2, 9^2, 6^3, 2\})$	1152
36	$\mathcal{O}(0; \{18, 12^3, 9^2, 4, 3^2\})$	4608
36	$\mathcal{O}(0; \{18, 12^3, 9^2, 6, 4, 2\})$	2304
36	$\mathcal{O}(0; \{18, 12^4, 9^2, 3, 2\})$	4608
36	$\mathcal{O}(0; \{18^2, 4^2, 3, 2^7\})$	24
36	$\mathcal{O}(0; \{18^2, 4^2, 3^4, 2^3\})$	192
36	$\mathcal{O}(0; \{18^2, 4^4, 3, 2^4\})$	96
36	$\mathcal{O}(0; \{18^2, 4^4, 3^4\})$	768
36	$\mathcal{O}(0; \{18^2, 4^6, 3, 2\})$	384
36	$\mathcal{O}(0; \{18^2, 6, 4^2, 3^2, 2^4\})$	96
36	$\mathcal{O}(0; \{18^2, 6, 4^2, 3^5\})$	768
36	$\mathcal{O}(0; \{18^2, 6, 4^4, 3^2, 2\})$	384
36	$\mathcal{O}(0; \{18^2, 6^2, 4^2, 2^5\})$	48
36	$\mathcal{O}(0; \{18^2, 6^2, 4^2, 3^3, 2\})$	384
36	$\mathcal{O}(0; \{18^2, 6^2, 4^4, 2^2\})$	192
36	$\mathcal{O}(0; \{18^2, 6^3, 4^2, 3, 2^2\})$	192
36	$\mathcal{O}(0; \{18^2, 6^5, 4^2\})$	384

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{18^2, 9^3, 4^2, 2^3\})$	1620
36	$\mathcal{O}(0; \{18^2, 9^3, 4^4\})$	6480
36	$\mathcal{O}(0; \{18^2, 9^3, 6, 4^2, 3\})$	6480
36	$\mathcal{O}(0; \{18^2, 12, 4, 2^8\})$	24
36	$\mathcal{O}(0; \{18^2, 12, 4, 3^3, 2^4\})$	192
36	$\mathcal{O}(0; \{18^2, 12, 4, 3^6\})$	1536
36	$\mathcal{O}(0; \{18^2, 12, 4^3, 2^5\})$	96
36	$\mathcal{O}(0; \{18^2, 12, 4^3, 3^3, 2\})$	768
36	$\mathcal{O}(0; \{18^2, 12, 4^5, 2^2\})$	384
36	$\mathcal{O}(0; \{18^2, 12, 6, 4, 3, 2^5\})$	96
36	$\mathcal{O}(0; \{18^2, 12, 6, 4, 3^4, 2\})$	768
36	$\mathcal{O}(0; \{18^2, 12, 6, 4^3, 3, 2^2\})$	384
36	$\mathcal{O}(0; \{18^2, 12, 6^2, 4, 3^2, 2^2\})$	384
36	$\mathcal{O}(0; \{18^2, 12, 6^3, 4, 2^3\})$	192
36	$\mathcal{O}(0; \{18^2, 12, 6^3, 4^3\})$	768
36	$\mathcal{O}(0; \{18^2, 12, 6^4, 4, 3\})$	768
36	$\mathcal{O}(0; \{18^2, 12, 9^3, 4, 3^2\})$	12960
36	$\mathcal{O}(0; \{18^2, 12, 9^3, 6, 4, 2\})$	6480
36	$\mathcal{O}(0; \{18^2, 12^2, 3^2, 2^5\})$	192
36	$\mathcal{O}(0; \{18^2, 12^2, 3^5, 2\})$	1536
36	$\mathcal{O}(0; \{18^2, 12^2, 4^2, 3^2, 2^2\})$	768
36	$\mathcal{O}(0; \{18^2, 12^2, 6, 2^6\})$	96
36	$\mathcal{O}(0; \{18^2, 12^2, 6, 3^3, 2^2\})$	768
36	$\mathcal{O}(0; \{18^2, 12^2, 6, 4^2, 2^3\})$	384
36	$\mathcal{O}(0; \{18^2, 12^2, 6, 4^4\})$	1536
36	$\mathcal{O}(0; \{18^2, 12^2, 6^2, 3, 2^3\})$	384
36	$\mathcal{O}(0; \{18^2, 12^2, 6^2, 4^2, 3\})$	1536
36	$\mathcal{O}(0; \{18^2, 12^2, 6^3, 3^2\})$	1536
36	$\mathcal{O}(0; \{18^2, 12^2, 6^4, 2\})$	768
36	$\mathcal{O}(0; \{18^2, 12^2, 9^3, 3, 2\})$	12960
36	$\mathcal{O}(0; \{18^2, 12^3, 4, 3, 2^3\})$	768
36	$\mathcal{O}(0; \{18^2, 12^3, 4^3, 3\})$	3072
36	$\mathcal{O}(0; \{18^2, 12^3, 6, 4, 3^2\})$	3072
36	$\mathcal{O}(0; \{18^2, 12^3, 6^2, 4, 2\})$	1536
36	$\mathcal{O}(0; \{18^2, 12^4, 2^4\})$	768
36	$\mathcal{O}(0; \{18^2, 12^4, 3^3\})$	6144
36	$\mathcal{O}(0; \{18^2, 12^4, 4^2, 2\})$	3072
36	$\mathcal{O}(0; \{18^2, 12^4, 6, 3, 2\})$	3072
36	$\mathcal{O}(0; \{18^3, 9, 4^2, 3^2, 2^2\})$	1296
36	$\mathcal{O}(0; \{18^3, 9, 6, 4^2, 2^3\})$	648
36	$\mathcal{O}(0; \{18^3, 9, 6, 4^4\})$	2592
36	$\mathcal{O}(0; \{18^3, 9, 6^2, 4^2, 3\})$	2592
36	$\mathcal{O}(0; \{18^3, 12, 9, 4, 3, 2^3\})$	1296

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{18^3, 12, 9, 4^3, 3\})$	5184
36	$\mathcal{O}(0; \{18^3, 12, 9, 6, 4, 3^2\})$	5184
36	$\mathcal{O}(0; \{18^3, 12, 9, 6^2, 4, 2\})$	2592
36	$\mathcal{O}(0; \{18^3, 12^2, 9, 2^4\})$	1296
36	$\mathcal{O}(0; \{18^3, 12^2, 9, 3^3\})$	10368
36	$\mathcal{O}(0; \{18^3, 12^2, 9, 4^2, 2\})$	5184
36	$\mathcal{O}(0; \{18^3, 12^2, 9, 6, 3, 2\})$	5184
36	$\mathcal{O}(0; \{18^4, 9^2, 4^2, 2\})$	10692
36	$\mathcal{O}(0; \{18^5, 4^2, 3^2\})$	6480
36	$\mathcal{O}(0; \{18^5, 6, 4^2, 2\})$	3240
36	$\mathcal{O}(0; \{18^5, 12, 4, 3, 2\})$	6480
36	$\mathcal{O}(0; \{18^5, 12^2, 2^2\})$	6480
36	$\mathcal{O}(0; \{36, 9^3, 4, 3, 2^5\})$	648
36	$\mathcal{O}(0; \{36, 9^3, 4, 3^4, 2\})$	5184
36	$\mathcal{O}(0; \{36, 9^3, 4^3, 3, 2^2\})$	2592
36	$\mathcal{O}(0; \{36, 9^3, 6, 4, 3^2, 2^2\})$	2592
36	$\mathcal{O}(0; \{36, 9^3, 6^2, 4, 2^3\})$	1296
36	$\mathcal{O}(0; \{36, 9^3, 6^2, 4^3\})$	5184
36	$\mathcal{O}(0; \{36, 9^3, 6^3, 4, 3\})$	5184
36	$\mathcal{O}(0; \{36, 9^6, 4, 2\})$	61236
36	$\mathcal{O}(0; \{36, 12, 9^3, 2^6\})$	648
36	$\mathcal{O}(0; \{36, 12, 9^3, 3^3, 2^2\})$	5184
36	$\mathcal{O}(0; \{36, 12, 9^3, 4^2, 2^3\})$	2592
36	$\mathcal{O}(0; \{36, 12, 9^3, 4^4\})$	10368
36	$\mathcal{O}(0; \{36, 12, 9^3, 6, 3, 2^3\})$	2592
36	$\mathcal{O}(0; \{36, 12, 9^3, 6, 4^2, 3\})$	10368
36	$\mathcal{O}(0; \{36, 12, 9^3, 6^2, 3^2\})$	10368
36	$\mathcal{O}(0; \{36, 12, 9^3, 6^3, 2\})$	5184
36	$\mathcal{O}(0; \{36, 12^2, 9^3, 4, 3^2\})$	20736
36	$\mathcal{O}(0; \{36, 12^2, 9^3, 6, 4, 2\})$	10368
36	$\mathcal{O}(0; \{36, 12^3, 9^3, 3, 2\})$	20736
36	$\mathcal{O}(0; \{36, 18, 9, 4, 2^8\})$	36
36	$\mathcal{O}(0; \{36, 18, 9, 4, 3^3, 2^4\})$	288
36	$\mathcal{O}(0; \{36, 18, 9, 4, 3^6\})$	2304
36	$\mathcal{O}(0; \{36, 18, 9, 4^3, 2^3\})$	144
36	$\mathcal{O}(0; \{36, 18, 9, 4^3, 3^3, 2\})$	1152
36	$\mathcal{O}(0; \{36, 18, 9, 4^5, 2^2\})$	576
36	$\mathcal{O}(0; \{36, 18, 9, 6, 4, 3, 2^5\})$	144
36	$\mathcal{O}(0; \{36, 18, 9, 6, 4, 3^4, 2\})$	1152
36	$\mathcal{O}(0; \{36, 18, 9, 6, 4^3, 3, 2^2\})$	576
36	$\mathcal{O}(0; \{36, 18, 9, 6^2, 4, 3^2, 2^2\})$	576
36	$\mathcal{O}(0; \{36, 18, 9, 6^3, 4, 2^3\})$	288
36	$\mathcal{O}(0; \{36, 18, 9, 6^3, 4^3\})$	1152

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36, 18, 9, 6^4, 4, 3\})$	1152
36	$\mathcal{O}(0; \{36, 18, 9^4, 4, 3^2\})$	42768
36	$\mathcal{O}(0; \{36, 18, 9^4, 6, 4, 2\})$	21384
36	$\mathcal{O}(0; \{36, 18, 12, 9, 3^2, 2^5\})$	288
36	$\mathcal{O}(0; \{36, 18, 12, 9, 3^5, 2\})$	2304
36	$\mathcal{O}(0; \{36, 18, 12, 9, 4^2, 3^2, 2^2\})$	1152
36	$\mathcal{O}(0; \{36, 18, 12, 9, 6, 2^6\})$	144
36	$\mathcal{O}(0; \{36, 18, 12, 9, 6, 3^3, 2^2\})$	1152
36	$\mathcal{O}(0; \{36, 18, 12, 9, 6, 4^2, 2^3\})$	576
36	$\mathcal{O}(0; \{36, 18, 12, 9, 6, 4^4\})$	2304
36	$\mathcal{O}(0; \{36, 18, 12, 9, 6^2, 3, 2^3\})$	576
36	$\mathcal{O}(0; \{36, 18, 12, 9, 6^2, 4^2, 3\})$	2304
36	$\mathcal{O}(0; \{36, 18, 12, 9, 6^3, 3^2\})$	2304
36	$\mathcal{O}(0; \{36, 18, 12, 9, 6^4, 2\})$	1152
36	$\mathcal{O}(0; \{36, 18, 12, 9^4, 3, 2\})$	42768
36	$\mathcal{O}(0; \{36, 18, 12^2, 9, 4, 3, 2^3\})$	1152
36	$\mathcal{O}(0; \{36, 18, 12^2, 9, 4^3, 3\})$	4608
36	$\mathcal{O}(0; \{36, 18, 12^2, 9, 6, 4, 3^2\})$	4608
36	$\mathcal{O}(0; \{36, 18, 12^2, 9, 6^2, 4, 2\})$	2304
36	$\mathcal{O}(0; \{36, 18, 12^3, 9, 2^4\})$	1152
36	$\mathcal{O}(0; \{36, 18, 12^3, 9, 3^3\})$	9216
36	$\mathcal{O}(0; \{36, 18, 12^3, 9, 4^2, 2\})$	4608
36	$\mathcal{O}(0; \{36, 18, 12^3, 9, 6, 3, 2\})$	4608
36	$\mathcal{O}(0; \{36, 18^2, 9^2, 4, 3, 2^3\})$	3240
36	$\mathcal{O}(0; \{36, 18^2, 9^2, 4^3, 3\})$	12960
36	$\mathcal{O}(0; \{36, 18^2, 9^2, 6, 4, 3^2\})$	12960
36	$\mathcal{O}(0; \{36, 18^2, 9^2, 6^2, 4, 2\})$	6480
36	$\mathcal{O}(0; \{36, 18^2, 12, 9^2, 2^4\})$	3240
36	$\mathcal{O}(0; \{36, 18^2, 12, 9^2, 3^3\})$	25920
36	$\mathcal{O}(0; \{36, 18^2, 12, 9^2, 4^2, 2\})$	12960
36	$\mathcal{O}(0; \{36, 18^2, 12, 9^2, 6, 3, 2\})$	12960
36	$\mathcal{O}(0; \{36, 18^3, 4, 2^6\})$	324
36	$\mathcal{O}(0; \{36, 18^3, 4, 3^3, 2^2\})$	2592
36	$\mathcal{O}(0; \{36, 18^3, 4^3, 2^3\})$	1296
36	$\mathcal{O}(0; \{36, 18^3, 4^5\})$	5184
36	$\mathcal{O}(0; \{36, 18^3, 6, 4, 3, 2^3\})$	1296
36	$\mathcal{O}(0; \{36, 18^3, 6, 4^3, 3\})$	5184
36	$\mathcal{O}(0; \{36, 18^3, 6^2, 4, 3^2\})$	5184
36	$\mathcal{O}(0; \{36, 18^3, 6^3, 4, 2\})$	2592
36	$\mathcal{O}(0; \{36, 18^3, 12, 3^2, 2^3\})$	2592
36	$\mathcal{O}(0; \{36, 18^3, 12, 4^2, 3^2\})$	10368
36	$\mathcal{O}(0; \{36, 18^3, 12, 6, 2^4\})$	1296
36	$\mathcal{O}(0; \{36, 18^3, 12, 6, 3^3\})$	10368

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36, 18^3, 12, 6, 4^2, 2\})$	5184
36	$\mathcal{O}(0; \{36, 18^3, 12, 6^2, 3, 2\})$	5184
36	$\mathcal{O}(0; \{36, 18^3, 12^2, 4, 3, 2\})$	10368
36	$\mathcal{O}(0; \{36, 18^3, 12^3, 2^2\})$	10368
36	$\mathcal{O}(0; \{36, 18^4, 9, 4, 3, 2\})$	21384
36	$\mathcal{O}(0; \{36, 18^4, 12, 9, 2^2\})$	21384
36	$\mathcal{O}(0; \{36, 18^6, 12\})$	122472
36	$\mathcal{O}(0; \{36^2, 9^2, 3^2, 2^5\})$	1296
36	$\mathcal{O}(0; \{36^2, 9^2, 3^5, 2\})$	10368
36	$\mathcal{O}(0; \{36^2, 9^2, 4^2, 3^2, 2^2\})$	5184
36	$\mathcal{O}(0; \{36^2, 9^2, 6, 2^6\})$	648
36	$\mathcal{O}(0; \{36^2, 9^2, 6, 3^3, 2^2\})$	5184
36	$\mathcal{O}(0; \{36^2, 9^2, 6, 4^2, 2^3\})$	2592
36	$\mathcal{O}(0; \{36^2, 9^2, 6, 4^4\})$	10368
36	$\mathcal{O}(0; \{36^2, 9^2, 6^2, 3, 2^3\})$	2592
36	$\mathcal{O}(0; \{36^2, 9^2, 6^2, 4^2, 3\})$	10368
36	$\mathcal{O}(0; \{36^2, 9^2, 6^3, 3^2\})$	10368
36	$\mathcal{O}(0; \{36^2, 9^2, 6^4, 2\})$	5184
36	$\mathcal{O}(0; \{36^2, 9^5, 3, 2\})$	122472
36	$\mathcal{O}(0; \{36^2, 12, 9^2, 4, 3, 2^3\})$	5184
36	$\mathcal{O}(0; \{36^2, 12, 9^2, 4^3, 3\})$	20736
36	$\mathcal{O}(0; \{36^2, 12, 9^2, 6, 4, 3^2\})$	20736
36	$\mathcal{O}(0; \{36^2, 12, 9^2, 6^2, 4, 2\})$	10368
36	$\mathcal{O}(0; \{36^2, 12^2, 9^2, 2^4\})$	5184
36	$\mathcal{O}(0; \{36^2, 12^2, 9^2, 3^3\})$	41472
36	$\mathcal{O}(0; \{36^2, 12^2, 9^2, 4^2, 2\})$	20736
36	$\mathcal{O}(0; \{36^2, 12^2, 9^2, 6, 3, 2\})$	20736
36	$\mathcal{O}(0; \{36^2, 18, 3, 2^8\})$	72
36	$\mathcal{O}(0; \{36^2, 18, 3^4, 2^4\})$	576
36	$\mathcal{O}(0; \{36^2, 18, 3^7\})$	4608
36	$\mathcal{O}(0; \{36^2, 18, 4^2, 3, 2^5\})$	288
36	$\mathcal{O}(0; \{36^2, 18, 4^2, 3^4, 2\})$	2304
36	$\mathcal{O}(0; \{36^2, 18, 4^4, 3, 2^2\})$	1152
36	$\mathcal{O}(0; \{36^2, 18, 6, 3^2, 2^5\})$	288
36	$\mathcal{O}(0; \{36^2, 18, 6, 3^5, 2\})$	2304
36	$\mathcal{O}(0; \{36^2, 18, 6, 4^2, 3^2, 2^2\})$	1152
36	$\mathcal{O}(0; \{36^2, 18, 6^2, 2^6\})$	144
36	$\mathcal{O}(0; \{36^2, 18, 6^2, 3^3, 2^2\})$	1152
36	$\mathcal{O}(0; \{36^2, 18, 6^2, 4^2, 2^3\})$	576
36	$\mathcal{O}(0; \{36^2, 18, 6^2, 4^4\})$	2304
36	$\mathcal{O}(0; \{36^2, 18, 6^3, 3, 2^3\})$	576
36	$\mathcal{O}(0; \{36^2, 18, 6^3, 4^2, 3\})$	2304
36	$\mathcal{O}(0; \{36^2, 18, 6^4, 3^2\})$	2304

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36^2, 18, 6^5, 2\})$	1152
36	$\mathcal{O}(0; \{36^2, 18, 9^3, 2^4\})$	10692
36	$\mathcal{O}(0; \{36^2, 18, 9^3, 3^3\})$	85536
36	$\mathcal{O}(0; \{36^2, 18, 9^3, 4^2, 2\})$	42768
36	$\mathcal{O}(0; \{36^2, 18, 9^3, 6, 3, 2\})$	42768
36	$\mathcal{O}(0; \{36^2, 18, 12, 4, 2^6\})$	288
36	$\mathcal{O}(0; \{36^2, 18, 12, 4, 3^3, 2^2\})$	2304
36	$\mathcal{O}(0; \{36^2, 18, 12, 4^3, 2^3\})$	1152
36	$\mathcal{O}(0; \{36^2, 18, 12, 4^5\})$	4608
36	$\mathcal{O}(0; \{36^2, 18, 12, 6, 4, 3, 2^3\})$	1152
36	$\mathcal{O}(0; \{36^2, 18, 12, 6, 4^3, 3\})$	4608
36	$\mathcal{O}(0; \{36^2, 18, 12, 6^2, 4, 3^2\})$	4608
36	$\mathcal{O}(0; \{36^2, 18, 12, 6^3, 4, 2\})$	2304
36	$\mathcal{O}(0; \{36^2, 18, 12^2, 3^2, 2^3\})$	2304
36	$\mathcal{O}(0; \{36^2, 18, 12^2, 4^2, 3^2\})$	9216
36	$\mathcal{O}(0; \{36^2, 18, 12^2, 6, 2^4\})$	1152
36	$\mathcal{O}(0; \{36^2, 18, 12^2, 6, 3^3\})$	9216
36	$\mathcal{O}(0; \{36^2, 18, 12^2, 6, 4^2, 2\})$	4608
36	$\mathcal{O}(0; \{36^2, 18, 12^2, 6^2, 3, 2\})$	4608
36	$\mathcal{O}(0; \{36^2, 18, 12^3, 4, 3, 2\})$	9216
36	$\mathcal{O}(0; \{36^2, 18, 12^4, 2^2\})$	9216
36	$\mathcal{O}(0; \{36^2, 18^2, 9, 3^2, 2^3\})$	6480
36	$\mathcal{O}(0; \{36^2, 18^2, 9, 4^2, 3^2\})$	25920
36	$\mathcal{O}(0; \{36^2, 18^2, 9, 6, 2^4\})$	3240
36	$\mathcal{O}(0; \{36^2, 18^2, 9, 6, 3^3\})$	25920
36	$\mathcal{O}(0; \{36^2, 18^2, 9, 6, 4^2, 2\})$	12960
36	$\mathcal{O}(0; \{36^2, 18^2, 9, 6^2, 3, 2\})$	12960
36	$\mathcal{O}(0; \{36^2, 18^2, 12, 9, 4, 3, 2\})$	25920
36	$\mathcal{O}(0; \{36^2, 18^2, 12^2, 9, 2^2\})$	25920
36	$\mathcal{O}(0; \{36^2, 18^3, 9^2, 2^2\})$	61236
36	$\mathcal{O}(0; \{36^2, 18^4, 3^2, 2\})$	42768
36	$\mathcal{O}(0; \{36^2, 18^4, 6, 2^2\})$	21384
36	$\mathcal{O}(0; \{36^2, 18^4, 12^2\})$	171072
36	$\mathcal{O}(0; \{36^2, 18^5, 9\})$	376164
36	$\mathcal{O}(0; \{36^3, 9, 4, 2^6\})$	1296
36	$\mathcal{O}(0; \{36^3, 9, 4, 3^3, 2^2\})$	10368
36	$\mathcal{O}(0; \{36^3, 9, 4^3, 2^3\})$	5184
36	$\mathcal{O}(0; \{36^3, 9, 4^5\})$	20736
36	$\mathcal{O}(0; \{36^3, 9, 6, 4, 3, 2^3\})$	5184
36	$\mathcal{O}(0; \{36^3, 9, 6, 4^3, 3\})$	20736
36	$\mathcal{O}(0; \{36^3, 9, 6^2, 4, 3^2\})$	20736
36	$\mathcal{O}(0; \{36^3, 9, 6^3, 4, 2\})$	10368
36	$\mathcal{O}(0; \{36^3, 12, 9, 3^2, 2^3\})$	10368

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36^3, 12, 9, 4^2, 3^2\})$	41472
36	$\mathcal{O}(0; \{36^3, 12, 9, 6, 2^4\})$	5184
36	$\mathcal{O}(0; \{36^3, 12, 9, 6, 3^3\})$	41472
36	$\mathcal{O}(0; \{36^3, 12, 9, 6, 4^2, 2\})$	20736
36	$\mathcal{O}(0; \{36^3, 12, 9, 6^2, 3, 2\})$	20736
36	$\mathcal{O}(0; \{36^3, 12^2, 9, 4, 3, 2\})$	41472
36	$\mathcal{O}(0; \{36^3, 12^3, 9, 2^2\})$	41472
36	$\mathcal{O}(0; \{36^3, 18, 9^2, 4, 3, 2\})$	85536
36	$\mathcal{O}(0; \{36^3, 18, 12, 9^2, 2^2\})$	85536
36	$\mathcal{O}(0; \{36^3, 18^2, 4, 2^4\})$	6480
36	$\mathcal{O}(0; \{36^3, 18^2, 4, 3^3\})$	51840
36	$\mathcal{O}(0; \{36^3, 18^2, 4^3, 2\})$	25920
36	$\mathcal{O}(0; \{36^3, 18^2, 6, 4, 3, 2\})$	25920
36	$\mathcal{O}(0; \{36^3, 18^2, 12, 3^2, 2\})$	51840
36	$\mathcal{O}(0; \{36^3, 18^2, 12, 6, 2^2\})$	25920
36	$\mathcal{O}(0; \{36^3, 18^2, 12^3\})$	207360
36	$\mathcal{O}(0; \{36^3, 18^3, 12, 9\})$	489888
36	$\mathcal{O}(0; \{36^4, 3, 2^6\})$	2592
36	$\mathcal{O}(0; \{36^4, 3^4, 2^2\})$	20736
36	$\mathcal{O}(0; \{36^4, 4^2, 3, 2^3\})$	10368
36	$\mathcal{O}(0; \{36^4, 4^4, 3\})$	41472
36	$\mathcal{O}(0; \{36^4, 6, 3^2, 2^3\})$	10368
36	$\mathcal{O}(0; \{36^4, 6, 4^2, 3^2\})$	41472
36	$\mathcal{O}(0; \{36^4, 6^2, 2^4\})$	5184
36	$\mathcal{O}(0; \{36^4, 6^2, 3^3\})$	41472
36	$\mathcal{O}(0; \{36^4, 6^2, 4^2, 2\})$	20736
36	$\mathcal{O}(0; \{36^4, 6^3, 3, 2\})$	20736
36	$\mathcal{O}(0; \{36^4, 9^3, 2^2\})$	244944
36	$\mathcal{O}(0; \{36^4, 12, 4, 2^4\})$	10368
36	$\mathcal{O}(0; \{36^4, 12, 4, 3^3\})$	82944
36	$\mathcal{O}(0; \{36^4, 12, 4^3, 2\})$	41472
36	$\mathcal{O}(0; \{36^4, 12, 6, 4, 3, 2\})$	41472
36	$\mathcal{O}(0; \{36^4, 12^2, 3^2, 2\})$	82944
36	$\mathcal{O}(0; \{36^4, 12^2, 6, 2^2\})$	41472
36	$\mathcal{O}(0; \{36^4, 12^4\})$	331776
36	$\mathcal{O}(0; \{36^4, 18, 9, 3^2, 2\})$	171072
36	$\mathcal{O}(0; \{36^4, 18, 9, 6, 2^2\})$	85536
36	$\mathcal{O}(0; \{36^4, 18, 12^2, 9\})$	684288
36	$\mathcal{O}(0; \{36^4, 18^2, 9^2\})$	1504656
36	$\mathcal{O}(0; \{36^4, 18^3, 6\})$	489888
36	$\mathcal{O}(0; \{36^5, 12, 9^2\})$	1959552
36	$\mathcal{O}(0; \{36^5, 18, 4, 2^2\})$	171072
36	$\mathcal{O}(0; \{36^5, 18, 12, 6\})$	684288

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
36	$\mathcal{O}(0; \{36^6, 9, 6\})$	1959552
36	$\mathcal{O}(0; \{36^7, 4\})$	3919104
38	$\mathcal{O}(1; \{38, 19^4, 2\})$	143605800
38	$\mathcal{O}(0; \{38, 19^4, 2^5\})$	99450
38	$\mathcal{O}(0; \{38^3, 19^3, 2^3\})$	1790118
38	$\mathcal{O}(0; \{38^5, 19^2, 2\})$	32222106
39	$\mathcal{O}(1; \{39^2, 13^2, 3^2\})$	14565096
39	$\mathcal{O}(0; \{39^2, 13^2, 3^5\})$	67032
39	$\mathcal{O}(0; \{39^5, 13, 3^2\})$	9647064
40	$\mathcal{O}(3; \{2^2\})$	4031741952
40	$\mathcal{O}(2; \{2^6\})$	2396160
40	$\mathcal{O}(2; \{4^2, 2^3\})$	4792320
40	$\mathcal{O}(2; \{4^4\})$	19169280
40	$\mathcal{O}(2; \{8^2, 4, 2\})$	20447232
40	$\mathcal{O}(2; \{10, 5^2, 2\})$	28800000
40	$\mathcal{O}(2; \{20, 5, 4, 2\})$	19200000
40	$\mathcal{O}(1; \{2^{10}\})$	1152
40	$\mathcal{O}(1; \{4^2, 2^7\})$	2304
40	$\mathcal{O}(1; \{4^4, 2^4\})$	9216
40	$\mathcal{O}(1; \{4^6, 2\})$	36864
40	$\mathcal{O}(1; \{5^5, 2^2\})$	244800
40	$\mathcal{O}(1; \{8^2, 4, 2^5\})$	12288
40	$\mathcal{O}(1; \{8^2, 4^3, 2^2\})$	49152
40	$\mathcal{O}(1; \{8^4, 2^3\})$	98304
40	$\mathcal{O}(1; \{8^4, 4^2\})$	393216
40	$\mathcal{O}(1; \{10, 5^2, 2^5\})$	14400
40	$\mathcal{O}(1; \{10, 5^2, 4^2, 2^2\})$	28800
40	$\mathcal{O}(1; \{10, 8^2, 5^2, 4\})$	153600
40	$\mathcal{O}(1; \{10^2, 5^4\})$	984000
40	$\mathcal{O}(1; \{10^3, 5, 2^3\})$	62400
40	$\mathcal{O}(1; \{10^3, 5, 4^2\})$	124800
40	$\mathcal{O}(1; \{10^5, 2\})$	244800
40	$\mathcal{O}(1; \{20, 5, 4, 2^5\})$	9600
40	$\mathcal{O}(1; \{20, 5, 4^3, 2^2\})$	38400
40	$\mathcal{O}(1; \{20, 8^2, 5, 2^3\})$	51200
40	$\mathcal{O}(1; \{20, 8^2, 5, 4^2\})$	204800
40	$\mathcal{O}(1; \{20, 10, 5^3, 4\})$	489600
40	$\mathcal{O}(1; \{20, 10^2, 4, 2^3\})$	28800
40	$\mathcal{O}(1; \{20, 10^2, 4^3\})$	115200
40	$\mathcal{O}(1; \{20, 10^2, 8^2, 2\})$	153600
40	$\mathcal{O}(1; \{20^2, 5^2, 2^3\})$	124800
40	$\mathcal{O}(1; \{20^2, 5^2, 4^2\})$	499200
40	$\mathcal{O}(1; \{20^2, 10^2, 5, 2\})$	489600

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
40	$\mathcal{O}(1; \{20^3, 10, 4, 2\})$	499200
40	$\mathcal{O}(1; \{40, 8, 5^3, 4\})$	665600
40	$\mathcal{O}(1; \{40, 10, 8, 4, 2^3\})$	51200
40	$\mathcal{O}(1; \{40, 10, 8, 4^3\})$	204800
40	$\mathcal{O}(1; \{40, 10, 8^3, 2\})$	409600
40	$\mathcal{O}(1; \{40, 20, 10, 8, 5, 2\})$	665600
40	$\mathcal{O}(1; \{40, 20^2, 8, 4, 2\})$	614400
40	$\mathcal{O}(1; \{40^2, 5, 4, 2^3\})$	153600
40	$\mathcal{O}(1; \{40^2, 5, 4^3\})$	614400
40	$\mathcal{O}(1; \{40^2, 8^2, 5, 2\})$	1228800
40	$\mathcal{O}(1; \{40^2, 10^2, 4, 2\})$	665600
40	$\mathcal{O}(1; \{40^2, 20, 5^2, 2\})$	2611200
40	$\mathcal{O}(0; \{8^2, 5^5, 4, 2\})$	1632
40	$\mathcal{O}(0; \{10, 8^2, 5^2, 4, 2^4\})$	96
40	$\mathcal{O}(0; \{10, 8^2, 5^2, 4^3, 2\})$	384
40	$\mathcal{O}(0; \{10, 8^4, 5^2, 2^2\})$	768
40	$\mathcal{O}(0; \{10^3, 8^2, 5, 4, 2^2\})$	416
40	$\mathcal{O}(0; \{10^3, 8^4, 5\})$	3328
40	$\mathcal{O}(0; \{10^5, 8^2, 4\})$	1632
40	$\mathcal{O}(0; \{20, 8^2, 5, 2^7\})$	32
40	$\mathcal{O}(0; \{20, 8^2, 5, 4^2, 2^4\})$	128
40	$\mathcal{O}(0; \{20, 8^2, 5, 4^4, 2\})$	512
40	$\mathcal{O}(0; \{20, 8^4, 5, 4, 2^2\})$	1024
40	$\mathcal{O}(0; \{20, 8^6, 5\})$	8192
40	$\mathcal{O}(0; \{20, 10, 8^2, 5^3, 2^2\})$	1632
40	$\mathcal{O}(0; \{20, 10^2, 8^2, 2^5\})$	96
40	$\mathcal{O}(0; \{20, 10^2, 8^2, 4^2, 2^2\})$	384
40	$\mathcal{O}(0; \{20, 10^2, 8^4, 4\})$	3072
40	$\mathcal{O}(0; \{20, 10^3, 8^2, 5^2\})$	6560
40	$\mathcal{O}(0; \{20^2, 8^2, 5^2, 4, 2^2\})$	1664
40	$\mathcal{O}(0; \{20^2, 8^4, 5^2\})$	13312
40	$\mathcal{O}(0; \{20^2, 10^2, 8^2, 5, 4\})$	6528
40	$\mathcal{O}(0; \{20^3, 8^2, 5^3\})$	26240
40	$\mathcal{O}(0; \{20^3, 10, 8^2, 2^3\})$	1664
40	$\mathcal{O}(0; \{20^3, 10, 8^2, 4^2\})$	6656
40	$\mathcal{O}(0; \{20^5, 8^2, 2\})$	26112
40	$\mathcal{O}(0; \{40, 8, 5^3, 4, 2^4\})$	416
40	$\mathcal{O}(0; \{40, 8, 5^3, 4^3, 2\})$	1664
40	$\mathcal{O}(0; \{40, 8^3, 5^3, 2^2\})$	3328
40	$\mathcal{O}(0; \{40, 10, 8, 4, 2^7\})$	32
40	$\mathcal{O}(0; \{40, 10, 8, 4^3, 2^4\})$	128
40	$\mathcal{O}(0; \{40, 10, 8, 4^5, 2\})$	512
40	$\mathcal{O}(0; \{40, 10, 8^3, 2^5\})$	256

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
40	$\mathcal{O}(0; \{40, 10, 8^3, 4^2, 2^2\})$	1024
40	$\mathcal{O}(0; \{40, 10, 8^5, 4\})$	8192
40	$\mathcal{O}(0; \{40, 10^2, 8, 5^2, 4, 2^2\})$	1632
40	$\mathcal{O}(0; \{40, 10^2, 8^3, 5^2\})$	13056
40	$\mathcal{O}(0; \{40, 10^4, 8, 5, 4\})$	6560
40	$\mathcal{O}(0; \{40, 20, 8, 5^4, 2^2\})$	6560
40	$\mathcal{O}(0; \{40, 20, 10, 8, 5, 2^5\})$	416
40	$\mathcal{O}(0; \{40, 20, 10, 8, 5, 4^2, 2^2\})$	1664
40	$\mathcal{O}(0; \{40, 20, 10, 8^3, 5, 4\})$	13312
40	$\mathcal{O}(0; \{40, 20, 10^2, 8, 5^3\})$	26208
40	$\mathcal{O}(0; \{40, 20, 10^3, 8, 2^3\})$	1632
40	$\mathcal{O}(0; \{40, 20, 10^3, 8, 4^2\})$	6528
40	$\mathcal{O}(0; \{40, 20^2, 8, 4, 2^5\})$	384
40	$\mathcal{O}(0; \{40, 20^2, 8, 4^3, 2^2\})$	1536
40	$\mathcal{O}(0; \{40, 20^2, 8^3, 2^3\})$	3072
40	$\mathcal{O}(0; \{40, 20^2, 8^3, 4^2\})$	12288
40	$\mathcal{O}(0; \{40, 20^2, 10, 8, 5^2, 4\})$	26240
40	$\mathcal{O}(0; \{40, 20^3, 8, 5, 2^3\})$	6528
40	$\mathcal{O}(0; \{40, 20^3, 8, 5, 4^2\})$	26112
40	$\mathcal{O}(0; \{40, 20^3, 10^2, 8, 2\})$	26240
40	$\mathcal{O}(0; \{40^2, 5, 4, 2^7\})$	96
40	$\mathcal{O}(0; \{40^2, 5, 4^3, 2^4\})$	384
40	$\mathcal{O}(0; \{40^2, 5, 4^5, 2\})$	1536
40	$\mathcal{O}(0; \{40^2, 8^2, 5, 2^5\})$	768
40	$\mathcal{O}(0; \{40^2, 8^2, 5, 4^2, 2^2\})$	3072
40	$\mathcal{O}(0; \{40^2, 8^4, 5, 4\})$	24576
40	$\mathcal{O}(0; \{40^2, 10, 5^3, 4, 2^2\})$	6560
40	$\mathcal{O}(0; \{40^2, 10, 8^2, 5^3\})$	52480
40	$\mathcal{O}(0; \{40^2, 10^2, 4, 2^5\})$	416
40	$\mathcal{O}(0; \{40^2, 10^2, 4^3, 2^2\})$	1664
40	$\mathcal{O}(0; \{40^2, 10^2, 8^2, 2^3\})$	3328
40	$\mathcal{O}(0; \{40^2, 10^2, 8^2, 4^2\})$	13312
40	$\mathcal{O}(0; \{40^2, 10^3, 5^2, 4\})$	26208
40	$\mathcal{O}(0; \{40^2, 20, 5^2, 2^5\})$	1632
40	$\mathcal{O}(0; \{40^2, 20, 5^2, 4^2, 2^2\})$	6528
40	$\mathcal{O}(0; \{40^2, 20, 8^2, 5^2, 4\})$	52224
40	$\mathcal{O}(0; \{40^2, 20, 10, 5^4\})$	104864
40	$\mathcal{O}(0; \{40^2, 20, 10^2, 5, 2^3\})$	6560
40	$\mathcal{O}(0; \{40^2, 20, 10^2, 5, 4^2\})$	26240
40	$\mathcal{O}(0; \{40^2, 20, 10^4, 2\})$	26208
40	$\mathcal{O}(0; \{40^2, 20^2, 5^3, 4\})$	104832
40	$\mathcal{O}(0; \{40^2, 20^2, 10, 4, 2^3\})$	6528
40	$\mathcal{O}(0; \{40^2, 20^2, 10, 4^3\})$	26112

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
40	$\mathcal{O}(0; \{40^2, 20^2, 10, 8^2, 2\})$	52224
40	$\mathcal{O}(0; \{40^2, 20^3, 10, 5, 2\})$	104832
40	$\mathcal{O}(0; \{40^2, 20^4, 4, 2\})$	104960
40	$\mathcal{O}(0; \{40^3, 8, 5^4\})$	209664
40	$\mathcal{O}(0; \{40^3, 10, 8, 5, 2^3\})$	13056
40	$\mathcal{O}(0; \{40^3, 10, 8, 5, 4^2\})$	52224
40	$\mathcal{O}(0; \{40^3, 10^3, 8, 2\})$	52480
40	$\mathcal{O}(0; \{40^3, 20, 8, 4, 2^3\})$	13312
40	$\mathcal{O}(0; \{40^3, 20, 8, 4^3\})$	53248
40	$\mathcal{O}(0; \{40^3, 20, 8^3, 2\})$	106496
40	$\mathcal{O}(0; \{40^3, 20^2, 8, 5, 2\})$	209920
40	$\mathcal{O}(0; \{40^4, 5^2, 2^3\})$	52480
40	$\mathcal{O}(0; \{40^4, 5^2, 4^2\})$	209920
40	$\mathcal{O}(0; \{40^4, 10^2, 5, 2\})$	209664
40	$\mathcal{O}(0; \{40^4, 20, 10, 4, 2\})$	209920
40	$\mathcal{O}(0; \{40^5, 8, 4, 2\})$	417792
41	$\mathcal{O}(1; \{41^5\})$	4198398360
42	$\mathcal{O}(2; \{21^2, 7\})$	175032900
42	$\mathcal{O}(2; \{42, 21, 6\})$	37340352
42	$\mathcal{O}(1; \{7^4, 3^2\})$	492156
42	$\mathcal{O}(1; \{21, 14, 7^2, 3, 2\})$	656208
42	$\mathcal{O}(1; \{21^2, 7, 2^4\})$	105840
42	$\mathcal{O}(1; \{21^2, 7, 3^3\})$	396900
42	$\mathcal{O}(1; \{21^2, 7, 6, 3, 2\})$	317520
42	$\mathcal{O}(1; \{21^2, 14^2, 2^2\})$	656208
42	$\mathcal{O}(1; \{21^5\})$	14685300
42	$\mathcal{O}(1; \{42, 14, 7, 3^3\})$	317520
42	$\mathcal{O}(1; \{42, 14, 7, 6, 3, 2\})$	105840
42	$\mathcal{O}(1; \{42, 21, 3^2, 2^3\})$	63504
42	$\mathcal{O}(1; \{42, 21, 6, 2^4\})$	21168
42	$\mathcal{O}(1; \{42, 21, 6, 3^3\})$	232848
42	$\mathcal{O}(1; \{42, 21, 6^2, 3, 2\})$	105840
42	$\mathcal{O}(1; \{42, 21^3, 14\})$	11748240
42	$\mathcal{O}(1; \{42^2, 21, 7, 2^2\})$	656208
42	$\mathcal{O}(1; \{42^2, 21, 14^2\})$	3916080
42	$\mathcal{O}(1; \{42^3, 3^2, 2\})$	529200
42	$\mathcal{O}(1; \{42^3, 6, 2^2\})$	317520
42	$\mathcal{O}(1; \{42^4, 7\})$	11748240
42	$\mathcal{O}(0; \{7^4, 3^2, 2^4\})$	372
42	$\mathcal{O}(0; \{7^4, 6, 3^3, 2\})$	1116
42	$\mathcal{O}(0; \{7^4, 6^2, 3, 2^2\})$	372
42	$\mathcal{O}(0; \{7^4, 6^4\})$	1116
42	$\mathcal{O}(0; \{14^2, 7^3, 3^2, 2^2\})$	2220

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(0; \{14^2, 7^3, 6^2, 3\})$	2220
42	$\mathcal{O}(0; \{14^4, 7^2, 3^2\})$	13332
42	$\mathcal{O}(0; \{21, 14, 7^2, 3, 2^5\})$	372
42	$\mathcal{O}(0; \{21, 14, 7^2, 3^4, 2\})$	1860
42	$\mathcal{O}(0; \{21, 14, 7^2, 6, 3^2, 2^2\})$	1116
42	$\mathcal{O}(0; \{21, 14, 7^2, 6^2, 2^3\})$	372
42	$\mathcal{O}(0; \{21, 14, 7^2, 6^3, 3\})$	1860
42	$\mathcal{O}(0; \{21, 14^3, 7, 3, 2^3\})$	2220
42	$\mathcal{O}(0; \{21, 14^3, 7, 6, 3^2\})$	6660
42	$\mathcal{O}(0; \{21, 14^3, 7, 6^2, 2\})$	2220
42	$\mathcal{O}(0; \{21, 14^5, 3, 2\})$	13332
42	$\mathcal{O}(0; \{21^2, 7, 2^8\})$	60
42	$\mathcal{O}(0; \{21^2, 7, 3^3, 2^4\})$	300
42	$\mathcal{O}(0; \{21^2, 7, 6, 3, 2^5\})$	180
42	$\mathcal{O}(0; \{21^2, 7, 6, 3^4, 2\})$	1260
42	$\mathcal{O}(0; \{21^2, 7, 6^2, 3^2, 2^2\})$	660
42	$\mathcal{O}(0; \{21^2, 7, 6^3, 2^3\})$	300
42	$\mathcal{O}(0; \{21^2, 7, 6^4, 3\})$	1260
42	$\mathcal{O}(0; \{21^2, 14, 7^4, 2\})$	79980
42	$\mathcal{O}(0; \{21^2, 14^2, 2^6\})$	372
42	$\mathcal{O}(0; \{21^2, 14^2, 3^3, 2^2\})$	1860
42	$\mathcal{O}(0; \{21^2, 14^2, 6, 3, 2^3\})$	1116
42	$\mathcal{O}(0; \{21^2, 14^2, 6^2, 3^2\})$	4092
42	$\mathcal{O}(0; \{21^2, 14^2, 6^3, 2\})$	1860
42	$\mathcal{O}(0; \{21^3, 7^3, 6, 2\})$	39996
42	$\mathcal{O}(0; \{21^4, 14, 7, 3, 2\})$	66660
42	$\mathcal{O}(0; \{21^5, 2^4\})$	11100
42	$\mathcal{O}(0; \{21^5, 6, 3, 2\})$	46620
42	$\mathcal{O}(0; \{42, 7^5, 6, 3\})$	13332
42	$\mathcal{O}(0; \{42, 14, 7, 3^3, 2^4\})$	180
42	$\mathcal{O}(0; \{42, 14, 7, 3^6\})$	1260
42	$\mathcal{O}(0; \{42, 14, 7, 6, 3, 2^5\})$	60
42	$\mathcal{O}(0; \{42, 14, 7, 6, 3^4, 2\})$	660
42	$\mathcal{O}(0; \{42, 14, 7, 6^2, 3^2, 2^2\})$	300
42	$\mathcal{O}(0; \{42, 14, 7, 6^3, 2^3\})$	180
42	$\mathcal{O}(0; \{42, 14, 7, 6^4, 3\})$	660
42	$\mathcal{O}(0; \{42, 14^3, 3^3, 2^2\})$	1116
42	$\mathcal{O}(0; \{42, 14^3, 6, 3, 2^3\})$	372
42	$\mathcal{O}(0; \{42, 14^3, 6^2, 3^2\})$	1860
42	$\mathcal{O}(0; \{42, 14^3, 6^3, 2\})$	1116
42	$\mathcal{O}(0; \{42, 21, 3^2, 2^7\})$	36
42	$\mathcal{O}(0; \{42, 21, 3^5, 2^3\})$	252
42	$\mathcal{O}(0; \{42, 21, 6, 2^8\})$	12

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(0; \{42, 21, 6, 3^3, 2^4\})$	132
42	$\mathcal{O}(0; \{42, 21, 6, 3^6\})$	1020
42	$\mathcal{O}(0; \{42, 21, 6^2, 3, 2^5\})$	60
42	$\mathcal{O}(0; \{42, 21, 6^2, 3^4, 2\})$	516
42	$\mathcal{O}(0; \{42, 21, 6^3, 3^2, 2^2\})$	252
42	$\mathcal{O}(0; \{42, 21, 6^4, 2^3\})$	132
42	$\mathcal{O}(0; \{42, 21, 6^5, 3\})$	516
42	$\mathcal{O}(0; \{42, 21, 14, 7^3, 3^2\})$	39996
42	$\mathcal{O}(0; \{42, 21, 14, 7^3, 6, 2\})$	13332
42	$\mathcal{O}(0; \{42, 21^2, 7^2, 3, 2^3\})$	6660
42	$\mathcal{O}(0; \{42, 21^2, 7^2, 6, 3^2\})$	24420
42	$\mathcal{O}(0; \{42, 21^2, 7^2, 6^2, 2\})$	11100
42	$\mathcal{O}(0; \{42, 21^2, 14^2, 7, 3, 2\})$	39996
42	$\mathcal{O}(0; \{42, 21^3, 14, 2^4\})$	6660
42	$\mathcal{O}(0; \{42, 21^3, 14, 3^3\})$	46620
42	$\mathcal{O}(0; \{42, 21^3, 14, 6, 3, 2\})$	24420
42	$\mathcal{O}(0; \{42^2, 14, 7^2, 3, 2^3\})$	2220
42	$\mathcal{O}(0; \{42^2, 14, 7^2, 6, 3^2\})$	11100
42	$\mathcal{O}(0; \{42^2, 14, 7^2, 6^2, 2\})$	6660
42	$\mathcal{O}(0; \{42^2, 14^3, 7, 3, 2\})$	13332
42	$\mathcal{O}(0; \{42^2, 21, 7, 2^6\})$	372
42	$\mathcal{O}(0; \{42^2, 21, 7, 3^3, 2^2\})$	4092
42	$\mathcal{O}(0; \{42^2, 21, 7, 6, 3, 2^3\})$	1860
42	$\mathcal{O}(0; \{42^2, 21, 7, 6^2, 3^2\})$	7812
42	$\mathcal{O}(0; \{42^2, 21, 7, 6^3, 2\})$	4092
42	$\mathcal{O}(0; \{42^2, 21, 14^2, 2^4\})$	2220
42	$\mathcal{O}(0; \{42^2, 21, 14^2, 3^3\})$	24420
42	$\mathcal{O}(0; \{42^2, 21, 14^2, 6, 3, 2\})$	11100
42	$\mathcal{O}(0; \{42^2, 21^4, 2^2\})$	146652
42	$\mathcal{O}(0; \{42^3, 3^2, 2^5\})$	300
42	$\mathcal{O}(0; \{42^3, 3^5, 2\})$	2580
42	$\mathcal{O}(0; \{42^3, 6, 2^6\})$	180
42	$\mathcal{O}(0; \{42^3, 6, 3^3, 2^2\})$	1260
42	$\mathcal{O}(0; \{42^3, 6^2, 3, 2^3\})$	660
42	$\mathcal{O}(0; \{42^3, 6^3, 3^2\})$	2580
42	$\mathcal{O}(0; \{42^3, 6^4, 2\})$	1260
42	$\mathcal{O}(0; \{42^3, 21, 7^2, 3, 2\})$	66660
42	$\mathcal{O}(0; \{42^3, 21^2, 14, 2^2\})$	66660
42	$\mathcal{O}(0; \{42^4, 7, 2^4\})$	6660
42	$\mathcal{O}(0; \{42^4, 7, 3^3\})$	46620
42	$\mathcal{O}(0; \{42^4, 7, 6, 3, 2\})$	24420
42	$\mathcal{O}(0; \{42^4, 14^2, 2^2\})$	39996
42	$\mathcal{O}(0; \{42^4, 21^3\})$	1679580

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
42	$\mathcal{O}(0; \{42^5, 21, 14\})$	879780
44	$\mathcal{O}(1; \{11^5\})$	13198680
44	$\mathcal{O}(1; \{44, 11^2, 4, 2^2\})$	348480
44	$\mathcal{O}(1; \{44, 22^2, 11, 4\})$	3523520
44	$\mathcal{O}(0; \{11^5, 4^2, 2\})$	18180
44	$\mathcal{O}(0; \{44, 11^2, 4, 2^6\})$	180
44	$\mathcal{O}(0; \{44, 11^2, 4^3, 2^3\})$	720
44	$\mathcal{O}(0; \{44, 11^2, 4^5\})$	2880
44	$\mathcal{O}(0; \{44, 22^2, 11, 4, 2^4\})$	1820
44	$\mathcal{O}(0; \{44, 22^2, 11, 4^3, 2\})$	7280
44	$\mathcal{O}(0; \{44, 22^4, 4, 2^2\})$	18180
44	$\mathcal{O}(0; \{44^2, 22, 11^4\})$	1818180
44	$\mathcal{O}(0; \{44^3, 22, 11, 4, 2^2\})$	72720
44	$\mathcal{O}(0; \{44^3, 22^3, 4\})$	727280
44	$\mathcal{O}(0; \{44^5, 11, 4\})$	2909120
45	$\mathcal{O}(2; \{9^2, 3\})$	49128768
45	$\mathcal{O}(1; \{9^2, 3^4\})$	186624
45	$\mathcal{O}(1; \{9^5\})$	1574640
45	$\mathcal{O}(1; \{15^2, 9^2, 5\})$	583200
45	$\mathcal{O}(1; \{45, 9^3, 5\})$	1312200
45	$\mathcal{O}(1; \{45^2, 9, 5^2\})$	1895400
45	$\mathcal{O}(1; \{45^2, 15, 9, 3\})$	1749600
45	$\mathcal{O}(0; \{9^2, 5^5, 3\})$	2448
45	$\mathcal{O}(0; \{15, 9^2, 5^3, 3^2\})$	2496
45	$\mathcal{O}(0; \{15^2, 9^2, 5, 3^3\})$	2304
45	$\mathcal{O}(0; \{15^5, 9^2\})$	39168
45	$\mathcal{O}(0; \{45, 9^3, 5, 3^3\})$	5184
45	$\mathcal{O}(0; \{45, 15^3, 9^3\})$	67392
45	$\mathcal{O}(0; \{45^2, 9, 5^2, 3^3\})$	7488
45	$\mathcal{O}(0; \{45^2, 15, 9, 3^4\})$	6912
45	$\mathcal{O}(0; \{45^2, 15, 9^4\})$	128304
45	$\mathcal{O}(0; \{45^2, 15^3, 9, 5\})$	118080
45	$\mathcal{O}(0; \{45^3, 15, 9^2, 5\})$	330480
45	$\mathcal{O}(0; \{45^4, 15, 5^2\})$	1061424
45	$\mathcal{O}(0; \{45^4, 15^2, 3\})$	1062720
45	$\mathcal{O}(0; \{45^5, 9, 3\})$	2181168
46	$\mathcal{O}(1; \{46, 23^3, 2\})$	21553576
46	$\mathcal{O}(0; \{46, 23^3, 2^5\})$	10186
46	$\mathcal{O}(0; \{46^3, 23^2, 2^3\})$	224070
46	$\mathcal{O}(0; \{46^5, 23, 2\})$	4929562
48	$\mathcal{O}(1; \{4^2, 3^4\})$	20736
48	$\mathcal{O}(1; \{6, 4^2, 3^2, 2\})$	6912
48	$\mathcal{O}(1; \{6^2, 4^2, 2^2\})$	6912

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(1; \{8^2, 6^2, 4\})$	27648
48	$\mathcal{O}(1; \{12, 4, 3^3, 2\})$	20736
48	$\mathcal{O}(1; \{12, 6, 4, 3, 2^2\})$	6912
48	$\mathcal{O}(1; \{12, 6^3, 4\})$	20736
48	$\mathcal{O}(1; \{12, 8^2, 6, 3\})$	27648
48	$\mathcal{O}(1; \{12^2, 3^2, 2^2\})$	20736
48	$\mathcal{O}(1; \{12^2, 6, 2^3\})$	6912
48	$\mathcal{O}(1; \{12^2, 6, 4^2\})$	27648
48	$\mathcal{O}(1; \{12^2, 6^2, 3\})$	34560
48	$\mathcal{O}(1; \{12^3, 4, 3\})$	82944
48	$\mathcal{O}(1; \{12^4, 2\})$	82944
48	$\mathcal{O}(1; \{24, 8, 3^2, 2^2\})$	13824
48	$\mathcal{O}(1; \{24, 8, 6, 2^3\})$	13824
48	$\mathcal{O}(1; \{24, 8, 6, 4^2\})$	55296
48	$\mathcal{O}(1; \{24, 8, 6^2, 3\})$	41472
48	$\mathcal{O}(1; \{24, 12, 8, 4, 3\})$	55296
48	$\mathcal{O}(1; \{24, 12^2, 8, 2\})$	55296
48	$\mathcal{O}(1; \{24, 16^2, 3^2\})$	147456
48	$\mathcal{O}(1; \{24, 16^2, 6, 2\})$	147456
48	$\mathcal{O}(1; \{24^2, 4, 2^3\})$	27648
48	$\mathcal{O}(1; \{24^2, 4^3\})$	110592
48	$\mathcal{O}(1; \{24^2, 6, 4, 3\})$	82944
48	$\mathcal{O}(1; \{24^2, 8^2, 2\})$	221184
48	$\mathcal{O}(1; \{24^2, 12, 3^2\})$	138240
48	$\mathcal{O}(1; \{24^2, 12, 6, 2\})$	82944
48	$\mathcal{O}(1; \{48, 16, 6, 4, 3\})$	73728
48	$\mathcal{O}(1; \{48, 16, 12, 3^2\})$	221184
48	$\mathcal{O}(1; \{48, 16, 12, 6, 2\})$	73728
48	$\mathcal{O}(1; \{48^2, 8, 3^2\})$	442368
48	$\mathcal{O}(1; \{48^2, 8, 6, 2\})$	147456
48	$\mathcal{O}(1; \{48^2, 24, 4, 2\})$	294912
48	$\mathcal{O}(0; \{16^2, 8, 4, 3^4\})$	384
48	$\mathcal{O}(0; \{16^2, 8, 6, 4, 3^2, 2\})$	128
48	$\mathcal{O}(0; \{16^2, 8, 6^2, 4, 2^2\})$	128
48	$\mathcal{O}(0; \{16^2, 8^3, 6^2\})$	1024
48	$\mathcal{O}(0; \{16^2, 12, 8, 3^3, 2\})$	384
48	$\mathcal{O}(0; \{16^2, 12, 8, 6, 3, 2^2\})$	128
48	$\mathcal{O}(0; \{16^2, 12, 8, 6^3\})$	384
48	$\mathcal{O}(0; \{16^2, 12^2, 8, 6, 4\})$	512
48	$\mathcal{O}(0; \{16^2, 12^3, 8, 3\})$	1536
48	$\mathcal{O}(0; \{16^4, 6^2, 4\})$	2048
48	$\mathcal{O}(0; \{16^4, 12, 6, 3\})$	2048
48	$\mathcal{O}(0; \{24, 16^2, 3^2, 2^4\})$	64

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{24, 16^2, 3^5\})$	704
48	$\mathcal{O}(0; \{24, 16^2, 4^2, 3^2, 2\})$	256
48	$\mathcal{O}(0; \{24, 16^2, 6, 2^5\})$	64
48	$\mathcal{O}(0; \{24, 16^2, 6, 3^3, 2\})$	320
48	$\mathcal{O}(0; \{24, 16^2, 6, 4^2, 2^2\})$	256
48	$\mathcal{O}(0; \{24, 16^2, 6^2, 3, 2^2\})$	192
48	$\mathcal{O}(0; \{24, 16^2, 6^4\})$	320
48	$\mathcal{O}(0; \{24, 16^2, 8^2, 6, 4\})$	2048
48	$\mathcal{O}(0; \{24, 16^2, 12, 4, 3, 2^2\})$	256
48	$\mathcal{O}(0; \{24, 16^2, 12, 6^2, 4\})$	768
48	$\mathcal{O}(0; \{24, 16^2, 12, 8^2, 3\})$	2048
48	$\mathcal{O}(0; \{24, 16^2, 12^2, 2^3\})$	256
48	$\mathcal{O}(0; \{24, 16^2, 12^2, 4^2\})$	1024
48	$\mathcal{O}(0; \{24, 16^2, 12^2, 6, 3\})$	1280
48	$\mathcal{O}(0; \{24^2, 16^2, 8, 2^3\})$	1024
48	$\mathcal{O}(0; \{24^2, 16^2, 8, 4^2\})$	4096
48	$\mathcal{O}(0; \{24^2, 16^2, 8, 6, 3\})$	3072
48	$\mathcal{O}(0; \{24^2, 16^4, 2\})$	16384
48	$\mathcal{O}(0; \{24^3, 16^2, 4, 3\})$	6144
48	$\mathcal{O}(0; \{24^3, 16^2, 12, 2\})$	6144
48	$\mathcal{O}(0; \{48, 16, 4, 3^3, 2^3\})$	96
48	$\mathcal{O}(0; \{48, 16, 4^3, 3^3\})$	384
48	$\mathcal{O}(0; \{48, 16, 6, 4, 3, 2^4\})$	32
48	$\mathcal{O}(0; \{48, 16, 6, 4, 3^4\})$	352
48	$\mathcal{O}(0; \{48, 16, 6, 4^3, 3, 2\})$	128
48	$\mathcal{O}(0; \{48, 16, 6^2, 4, 3^2, 2\})$	160
48	$\mathcal{O}(0; \{48, 16, 6^3, 4, 2^2\})$	96
48	$\mathcal{O}(0; \{48, 16, 8^2, 3^3, 2\})$	768
48	$\mathcal{O}(0; \{48, 16, 8^2, 6, 3, 2^2\})$	256
48	$\mathcal{O}(0; \{48, 16, 8^2, 6^3\})$	768
48	$\mathcal{O}(0; \{48, 16, 12, 3^2, 2^4\})$	96
48	$\mathcal{O}(0; \{48, 16, 12, 3^5\})$	672
48	$\mathcal{O}(0; \{48, 16, 12, 4^2, 3^2, 2\})$	384
48	$\mathcal{O}(0; \{48, 16, 12, 6, 2^5\})$	32
48	$\mathcal{O}(0; \{48, 16, 12, 6, 3^3, 2\})$	352
48	$\mathcal{O}(0; \{48, 16, 12, 6, 4^2, 2^2\})$	128
48	$\mathcal{O}(0; \{48, 16, 12, 6^2, 3, 2^2\})$	160
48	$\mathcal{O}(0; \{48, 16, 12, 6^4\})$	352
48	$\mathcal{O}(0; \{48, 16, 12, 8^2, 6, 4\})$	1024
48	$\mathcal{O}(0; \{48, 16, 12^2, 4, 3, 2^2\})$	384
48	$\mathcal{O}(0; \{48, 16, 12^2, 6^2, 4\})$	640
48	$\mathcal{O}(0; \{48, 16, 12^2, 8^2, 3\})$	3072
48	$\mathcal{O}(0; \{48, 16, 12^3, 2^3\})$	384

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_{\mathcal{O}}(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{48, 16, 12^3, 4^2\})$	1536
48	$\mathcal{O}(0; \{48, 16, 12^3, 6, 3\})$	1408
48	$\mathcal{O}(0; \{48, 16^3, 8, 6, 3\})$	4096
48	$\mathcal{O}(0; \{48, 24, 16, 8, 4, 3, 2^2\})$	512
48	$\mathcal{O}(0; \{48, 24, 16, 8, 6^2, 4\})$	1536
48	$\mathcal{O}(0; \{48, 24, 16, 8^3, 3\})$	4096
48	$\mathcal{O}(0; \{48, 24, 16, 12, 8, 2^3\})$	512
48	$\mathcal{O}(0; \{48, 24, 16, 12, 8, 4^2\})$	2048
48	$\mathcal{O}(0; \{48, 24, 16, 12, 8, 6, 3\})$	2560
48	$\mathcal{O}(0; \{48, 24, 16^3, 4, 3\})$	8192
48	$\mathcal{O}(0; \{48, 24, 16^3, 12, 2\})$	8192
48	$\mathcal{O}(0; \{48, 24^2, 16, 3^2, 2^2\})$	1280
48	$\mathcal{O}(0; \{48, 24^2, 16, 6, 2^3\})$	768
48	$\mathcal{O}(0; \{48, 24^2, 16, 6, 4^2\})$	3072
48	$\mathcal{O}(0; \{48, 24^2, 16, 6^2, 3\})$	2816
48	$\mathcal{O}(0; \{48, 24^2, 16, 12, 4, 3\})$	5120
48	$\mathcal{O}(0; \{48, 24^2, 16, 12^2, 2\})$	5120
48	$\mathcal{O}(0; \{48, 24^3, 16, 8, 2\})$	12288
48	$\mathcal{O}(0; \{48^2, 8, 3^2, 2^4\})$	192
48	$\mathcal{O}(0; \{48^2, 8, 3^5\})$	1344
48	$\mathcal{O}(0; \{48^2, 8, 4^2, 3^2, 2\})$	768
48	$\mathcal{O}(0; \{48^2, 8, 6, 2^5\})$	64
48	$\mathcal{O}(0; \{48^2, 8, 6, 3^3, 2\})$	704
48	$\mathcal{O}(0; \{48^2, 8, 6, 4^2, 2^2\})$	256
48	$\mathcal{O}(0; \{48^2, 8, 6^2, 3, 2^2\})$	320
48	$\mathcal{O}(0; \{48^2, 8, 6^4\})$	704
48	$\mathcal{O}(0; \{48^2, 8^3, 6, 4\})$	2048
48	$\mathcal{O}(0; \{48^2, 12, 8, 4, 3, 2^2\})$	768
48	$\mathcal{O}(0; \{48^2, 12, 8, 6^2, 4\})$	1280
48	$\mathcal{O}(0; \{48^2, 12, 8^3, 3\})$	6144
48	$\mathcal{O}(0; \{48^2, 12^2, 8, 2^3\})$	768
48	$\mathcal{O}(0; \{48^2, 12^2, 8, 4^2\})$	3072
48	$\mathcal{O}(0; \{48^2, 12^2, 8, 6, 3\})$	2816
48	$\mathcal{O}(0; \{48^2, 16^2, 3^2, 2^2\})$	3072
48	$\mathcal{O}(0; \{48^2, 16^2, 6, 2^3\})$	1024
48	$\mathcal{O}(0; \{48^2, 16^2, 6, 4^2\})$	4096
48	$\mathcal{O}(0; \{48^2, 16^2, 6^2, 3\})$	5120
48	$\mathcal{O}(0; \{48^2, 16^2, 12, 4, 3\})$	12288
48	$\mathcal{O}(0; \{48^2, 16^2, 12^2, 2\})$	12288
48	$\mathcal{O}(0; \{48^2, 24, 4, 2^5\})$	128
48	$\mathcal{O}(0; \{48^2, 24, 4, 3^3, 2\})$	1408
48	$\mathcal{O}(0; \{48^2, 24, 4^3, 2^2\})$	512
48	$\mathcal{O}(0; \{48^2, 24, 6, 4, 3, 2^2\})$	640

Continued on next page

Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
48	$\mathcal{O}(0; \{48^2, 24, 6^3, 4\})$	1408
48	$\mathcal{O}(0; \{48^2, 24, 8^2, 2^3\})$	1024
48	$\mathcal{O}(0; \{48^2, 24, 8^2, 4^2\})$	4096
48	$\mathcal{O}(0; \{48^2, 24, 8^2, 6, 3\})$	5120
48	$\mathcal{O}(0; \{48^2, 24, 12, 3^2, 2^2\})$	1408
48	$\mathcal{O}(0; \{48^2, 24, 12, 6, 2^3\})$	640
48	$\mathcal{O}(0; \{48^2, 24, 12, 6, 4^2\})$	2560
48	$\mathcal{O}(0; \{48^2, 24, 12, 6^2, 3\})$	2688
48	$\mathcal{O}(0; \{48^2, 24, 12^2, 4, 3\})$	5632
48	$\mathcal{O}(0; \{48^2, 24, 12^3, 2\})$	5632
48	$\mathcal{O}(0; \{48^2, 24, 16^2, 8, 2\})$	16384
48	$\mathcal{O}(0; \{48^2, 24^2, 8, 4, 3\})$	10240
48	$\mathcal{O}(0; \{48^2, 24^2, 12, 8, 2\})$	10240
48	$\mathcal{O}(0; \{48^2, 24^3, 3^2\})$	21504
48	$\mathcal{O}(0; \{48^2, 24^3, 6, 2\})$	11264
48	$\mathcal{O}(0; \{48^3, 16, 8, 4, 3\})$	24576
48	$\mathcal{O}(0; \{48^3, 16, 12, 8, 2\})$	24576
48	$\mathcal{O}(0; \{48^3, 24, 16, 3^2\})$	45056
48	$\mathcal{O}(0; \{48^3, 24, 16, 6, 2\})$	20480
48	$\mathcal{O}(0; \{48^4, 4, 2^3\})$	6144
48	$\mathcal{O}(0; \{48^4, 4^3\})$	24576
48	$\mathcal{O}(0; \{48^4, 6, 4, 3\})$	22528
48	$\mathcal{O}(0; \{48^4, 8^2, 2\})$	49152
48	$\mathcal{O}(0; \{48^4, 12, 3^2\})$	43008
48	$\mathcal{O}(0; \{48^4, 12, 6, 2\})$	22528
50	$\mathcal{O}(3; \emptyset)$	15379875000
50	$\mathcal{O}(2; \{2^4\})$	6240000
50	$\mathcal{O}(1; \{2^8\})$	2400
50	$\mathcal{O}(1; \{5^5\})$	367200
50	$\mathcal{O}(1; \{10, 5^2, 2^3\})$	28800
50	$\mathcal{O}(1; \{10^3, 5, 2\})$	124800
50	$\mathcal{O}(0; \{50, 25^2, 5^2, 2^3\})$	4800
50	$\mathcal{O}(0; \{50, 25^2, 10^2, 5, 2\})$	19200
50	$\mathcal{O}(0; \{50^3, 25, 5^2, 2\})$	104000
51	$\mathcal{O}(1; \{51, 17, 3^3\})$	249696
51	$\mathcal{O}(1; \{51^4\})$	60176736
51	$\mathcal{O}(0; \{51, 17, 3^6\})$	672
51	$\mathcal{O}(0; \{51^4, 3^3\})$	161952
52	$\mathcal{O}(2; \{13^2\})$	82255680
52	$\mathcal{O}(1; \{13^2, 2^4\})$	24336
52	$\mathcal{O}(1; \{13^2, 4^2, 2\})$	64896
52	$\mathcal{O}(1; \{26^2, 13, 2^2\})$	267696
52	$\mathcal{O}(1; \{26^4\})$	3236688

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
52	$\mathcal{O}(1; \{52^2, 26, 13\})$	8631168
52	$\mathcal{O}(0; \{13^2, 4^2, 2^5\})$	24
52	$\mathcal{O}(0; \{13^2, 4^4, 2^2\})$	96
52	$\mathcal{O}(0; \{26^2, 13, 4^2, 2^3\})$	264
52	$\mathcal{O}(0; \{26^2, 13, 4^4\})$	1056
52	$\mathcal{O}(0; \{26^4, 4^2, 2\})$	3192
52	$\mathcal{O}(0; \{52^2, 26, 13, 2^4\})$	3192
52	$\mathcal{O}(0; \{52^2, 26, 13, 4^2, 2\})$	12768
52	$\mathcal{O}(0; \{52^2, 26^3, 2^2\})$	38280
52	$\mathcal{O}(0; \{52^4, 13, 2^2\})$	153120
52	$\mathcal{O}(0; \{52^4, 26^2\})$	1837536
54	$\mathcal{O}(1; \{27^2, 9^2\})$	1417176
54	$\mathcal{O}(1; \{27^2, 18, 6\})$	629856
54	$\mathcal{O}(0; \{27^2, 9^2, 2^4\})$	648
54	$\mathcal{O}(0; \{27^2, 9^2, 6, 3, 2\})$	2592
54	$\mathcal{O}(0; \{27^2, 18, 3^2, 2^3\})$	432
54	$\mathcal{O}(0; \{27^2, 18, 6, 2^4\})$	216
54	$\mathcal{O}(0; \{27^2, 18, 6, 3^3\})$	1728
54	$\mathcal{O}(0; \{27^2, 18, 6^2, 3, 2\})$	864
54	$\mathcal{O}(0; \{27^2, 18^2, 9, 2^2\})$	3888
54	$\mathcal{O}(0; \{27^2, 18^4\})$	23328
54	$\mathcal{O}(0; \{54, 27^3, 3^2, 2\})$	17496
54	$\mathcal{O}(0; \{54, 27^3, 6, 2^2\})$	8748
54	$\mathcal{O}(0; \{54, 27^3, 18, 9\})$	157464
54	$\mathcal{O}(0; \{54^2, 27, 9^2, 2^2\})$	5832
54	$\mathcal{O}(0; \{54^2, 27, 18, 3^2, 2\})$	3888
54	$\mathcal{O}(0; \{54^2, 27, 18, 6, 2^2\})$	1944
54	$\mathcal{O}(0; \{54^2, 27, 18^2, 9\})$	34992
54	$\mathcal{O}(0; \{54^3, 27^2, 6\})$	131220
54	$\mathcal{O}(0; \{54^4, 9^2\})$	157464
54	$\mathcal{O}(0; \{54^4, 18, 6\})$	52488
55	$\mathcal{O}(1; \{11^4\})$	2642640
55	$\mathcal{O}(0; \{55^4, 11, 5\})$	1854360
56	$\mathcal{O}(1; \{7^3, 2^2\})$	70560
56	$\mathcal{O}(1; \{14^2, 7^2\})$	437472
56	$\mathcal{O}(1; \{28, 7, 4, 2^2\})$	28224
56	$\mathcal{O}(1; \{28, 8^2, 7\})$	150528
56	$\mathcal{O}(1; \{28, 14^2, 4\})$	141120
56	$\mathcal{O}(1; \{56, 8, 7^2\})$	376320
56	$\mathcal{O}(1; \{56, 28, 8, 4\})$	301056
56	$\mathcal{O}(1; \{56^2, 7, 4\})$	752640
56	$\mathcal{O}(0; \{8^2, 7^3, 4, 2\})$	240
56	$\mathcal{O}(0; \{28, 8^2, 7, 2^4\})$	48

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
56	$\mathcal{O}(0; \{28, 8^2, 7, 4^2, 2\})$	192
56	$\mathcal{O}(0; \{28, 14^2, 8^2, 2^2\})$	240
56	$\mathcal{O}(0; \{28^3, 14, 8^2\})$	5952
56	$\mathcal{O}(0; \{56, 8, 7^2, 2^4\})$	120
56	$\mathcal{O}(0; \{56, 8, 7^2, 4^2, 2\})$	480
56	$\mathcal{O}(0; \{56, 14^2, 8, 7, 2^2\})$	744
56	$\mathcal{O}(0; \{56, 14^4, 8\})$	4440
56	$\mathcal{O}(0; \{56, 28, 8, 4, 2^4\})$	96
56	$\mathcal{O}(0; \{56, 28, 8, 4^3, 2\})$	384
56	$\mathcal{O}(0; \{56, 28, 8^3, 2^2\})$	768
56	$\mathcal{O}(0; \{56, 28^2, 14, 8, 7\})$	17760
56	$\mathcal{O}(0; \{56^2, 7, 4, 2^4\})$	240
56	$\mathcal{O}(0; \{56^2, 7, 4^3, 2\})$	960
56	$\mathcal{O}(0; \{56^2, 8^2, 7, 2^2\})$	1920
56	$\mathcal{O}(0; \{56^2, 14^2, 4, 2^2\})$	1488
56	$\mathcal{O}(0; \{56^2, 14^2, 8^2\})$	11904
56	$\mathcal{O}(0; \{56^2, 28, 14, 7^2\})$	53328
56	$\mathcal{O}(0; \{56^2, 28^2, 14, 4\})$	35520
56	$\mathcal{O}(0; \{56^3, 8, 4, 2^2\})$	3840
56	$\mathcal{O}(0; \{56^3, 8^3\})$	30720
57	$\mathcal{O}(0; \{19^3, 3^4\})$	1836
57	$\mathcal{O}(0; \{57^3, 19^2, 3\})$	596700
58	$\mathcal{O}(1; \{58, 29, 2^3\})$	94192
58	$\mathcal{O}(1; \{58^3, 2\})$	2543184
58	$\mathcal{O}(0; \{58, 29, 2^7\})$	28
58	$\mathcal{O}(0; \{58^3, 2^5\})$	756
60	$\mathcal{O}(2; \{3^2\})$	24261120
60	$\mathcal{O}(1; \{3^2, 2^4\})$	5184
60	$\mathcal{O}(1; \{3^5\})$	25920
60	$\mathcal{O}(1; \{4^2, 3^2, 2\})$	13824
60	$\mathcal{O}(1; \{6, 3^3, 2\})$	15552
60	$\mathcal{O}(1; \{6^2, 3, 2^2\})$	5184
60	$\mathcal{O}(1; \{6^4\})$	15552
60	$\mathcal{O}(1; \{12, 4, 3, 2^2\})$	13824
60	$\mathcal{O}(1; \{12, 6^2, 4\})$	13824
60	$\mathcal{O}(1; \{12^2, 2^3\})$	13824
60	$\mathcal{O}(1; \{12^2, 4^2\})$	55296
60	$\mathcal{O}(1; \{12^2, 6, 3\})$	41472
60	$\mathcal{O}(1; \{15, 10, 6, 3\})$	21600
60	$\mathcal{O}(1; \{15^2, 5, 3\})$	64800
60	$\mathcal{O}(1; \{20, 12, 5, 3\})$	57600
60	$\mathcal{O}(1; \{30, 10, 5, 3\})$	64800
60	$\mathcal{O}(1; \{30, 15^2, 2\})$	64800

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(1; \{30, 20, 4, 3\})$	57600
60	$\mathcal{O}(1; \{30, 20, 12, 2\})$	57600
60	$\mathcal{O}(1; \{30^2, 10, 2\})$	64800
60	$\mathcal{O}(1; \{60, 15, 4, 3\})$	57600
60	$\mathcal{O}(1; \{60, 15, 12, 2\})$	57600
60	$\mathcal{O}(0; \{10, 5^2, 4^2, 3^2\})$	48
60	$\mathcal{O}(0; \{12, 10, 5^2, 4, 3, 2\})$	48
60	$\mathcal{O}(0; \{12^2, 10, 5^2, 2^2\})$	48
60	$\mathcal{O}(0; \{12^2, 10^3, 5\})$	208
60	$\mathcal{O}(0; \{15, 10, 4^2, 3^3\})$	48
60	$\mathcal{O}(0; \{15, 10, 6, 4^2, 3, 2\})$	16
60	$\mathcal{O}(0; \{15, 12, 10, 4, 3^2, 2\})$	48
60	$\mathcal{O}(0; \{15, 12, 10, 6, 4, 2^2\})$	16
60	$\mathcal{O}(0; \{15, 12^2, 10, 3, 2^2\})$	48
60	$\mathcal{O}(0; \{15, 12^2, 10, 6^2\})$	80
60	$\mathcal{O}(0; \{15, 12^3, 10, 4\})$	192
60	$\mathcal{O}(0; \{15^2, 5, 4^2, 3, 2\})$	48
60	$\mathcal{O}(0; \{15^2, 12, 5, 4, 2^2\})$	48
60	$\mathcal{O}(0; \{15^2, 12, 10^2, 4\})$	208
60	$\mathcal{O}(0; \{15^2, 12^2, 6, 5\})$	240
60	$\mathcal{O}(0; \{20, 5, 4, 3^2, 2^3\})$	16
60	$\mathcal{O}(0; \{20, 5, 4^3, 3^2\})$	64
60	$\mathcal{O}(0; \{20, 6, 5, 4, 3^3\})$	48
60	$\mathcal{O}(0; \{20, 6^2, 5, 4, 3, 2\})$	16
60	$\mathcal{O}(0; \{20, 10^2, 4, 3^2, 2\})$	48
60	$\mathcal{O}(0; \{20, 12, 5, 3, 2^4\})$	16
60	$\mathcal{O}(0; \{20, 12, 5, 3^4\})$	80
60	$\mathcal{O}(0; \{20, 12, 5, 4^2, 3, 2\})$	64
60	$\mathcal{O}(0; \{20, 12, 6, 5, 3^2, 2\})$	48
60	$\mathcal{O}(0; \{20, 12, 6^2, 5, 2^2\})$	16
60	$\mathcal{O}(0; \{20, 12, 10^2, 3, 2^2\})$	48
60	$\mathcal{O}(0; \{20, 12, 10^2, 6^2\})$	48
60	$\mathcal{O}(0; \{20, 12^2, 5, 4, 2^2\})$	64
60	$\mathcal{O}(0; \{20, 12^2, 10^2, 4\})$	192
60	$\mathcal{O}(0; \{20, 12^3, 6, 5\})$	192
60	$\mathcal{O}(0; \{20, 15, 12, 10, 6, 5\})$	208
60	$\mathcal{O}(0; \{20, 15^2, 12, 5^2\})$	816
60	$\mathcal{O}(0; \{20, 15^3, 6, 4\})$	624
60	$\mathcal{O}(0; \{20, 15^3, 12, 3\})$	1040
60	$\mathcal{O}(0; \{20^2, 5^2, 3^2, 2\})$	208
60	$\mathcal{O}(0; \{20^2, 12^2, 5^2\})$	832
60	$\mathcal{O}(0; \{20^2, 15, 3^3, 2\})$	144
60	$\mathcal{O}(0; \{20^2, 15, 6, 3, 2^2\})$	48

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{20^2, 15, 6^3\})$	144
60	$\mathcal{O}(0; \{20^2, 15, 12, 6, 4\})$	192
60	$\mathcal{O}(0; \{20^2, 15, 12^2, 3\})$	576
60	$\mathcal{O}(0; \{20^2, 15^2, 10, 3\})$	816
60	$\mathcal{O}(0; \{20^3, 12, 10, 3\})$	832
60	$\mathcal{O}(0; \{30, 10, 5, 4^2, 3, 2\})$	48
60	$\mathcal{O}(0; \{30, 12, 10, 5, 4, 2^2\})$	48
60	$\mathcal{O}(0; \{30, 12, 10^3, 4\})$	208
60	$\mathcal{O}(0; \{30, 12^2, 10, 6, 5\})$	144
60	$\mathcal{O}(0; \{30, 15, 12^2, 5^2\})$	624
60	$\mathcal{O}(0; \{30, 15^2, 4^2, 2^2\})$	48
60	$\mathcal{O}(0; \{30, 15^2, 12, 6, 4\})$	240
60	$\mathcal{O}(0; \{30, 15^2, 12^2, 3\})$	528
60	$\mathcal{O}(0; \{30, 20, 4, 3, 2^4\})$	16
60	$\mathcal{O}(0; \{30, 20, 4, 3^4\})$	80
60	$\mathcal{O}(0; \{30, 20, 4^3, 3, 2\})$	64
60	$\mathcal{O}(0; \{30, 20, 6, 4, 3^2, 2\})$	48
60	$\mathcal{O}(0; \{30, 20, 6^2, 4, 2^2\})$	16
60	$\mathcal{O}(0; \{30, 20, 12, 2^5\})$	16
60	$\mathcal{O}(0; \{30, 20, 12, 3^3, 2\})$	80
60	$\mathcal{O}(0; \{30, 20, 12, 4^2, 2^2\})$	64
60	$\mathcal{O}(0; \{30, 20, 12, 6, 3, 2^2\})$	48
60	$\mathcal{O}(0; \{30, 20, 12, 6^3\})$	80
60	$\mathcal{O}(0; \{30, 20, 12, 10, 5^2\})$	816
60	$\mathcal{O}(0; \{30, 20, 12^2, 6, 4\})$	192
60	$\mathcal{O}(0; \{30, 20, 12^3, 3\})$	320
60	$\mathcal{O}(0; \{30, 20, 15, 10, 6, 4\})$	208
60	$\mathcal{O}(0; \{30, 20, 15, 12, 10, 3\})$	624
60	$\mathcal{O}(0; \{30, 20, 15^2, 5, 4\})$	816
60	$\mathcal{O}(0; \{30, 20^2, 5, 3, 2^2\})$	208
60	$\mathcal{O}(0; \{30, 20^2, 6^2, 5\})$	208
60	$\mathcal{O}(0; \{30, 20^2, 10^2, 3\})$	816
60	$\mathcal{O}(0; \{30, 20^2, 12, 5, 4\})$	832
60	$\mathcal{O}(0; \{30^2, 10, 4^2, 2^2\})$	48
60	$\mathcal{O}(0; \{30^2, 12, 10, 6, 4\})$	144
60	$\mathcal{O}(0; \{30^2, 12^2, 10, 3\})$	240
60	$\mathcal{O}(0; \{30^2, 15, 12, 5, 4\})$	624
60	$\mathcal{O}(0; \{30^2, 20, 10, 5, 4\})$	816
60	$\mathcal{O}(0; \{30^2, 20^2, 2^3\})$	208
60	$\mathcal{O}(0; \{30^2, 20^2, 4^2\})$	832
60	$\mathcal{O}(0; \{30^2, 20^2, 6, 3\})$	624
60	$\mathcal{O}(0; \{30^3, 15, 4^2\})$	624
60	$\mathcal{O}(0; \{60, 5^2, 4, 3^3\})$	144

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{60, 6, 5^2, 4, 3, 2\})$	48
60	$\mathcal{O}(0; \{60, 12, 5^2, 3^2, 2\})$	144
60	$\mathcal{O}(0; \{60, 12, 6, 5^2, 2^2\})$	48
60	$\mathcal{O}(0; \{60, 12, 10^2, 6, 5\})$	208
60	$\mathcal{O}(0; \{60, 12^3, 5^2\})$	576
60	$\mathcal{O}(0; \{60, 15, 4, 3, 2^4\})$	16
60	$\mathcal{O}(0; \{60, 15, 4, 3^4\})$	176
60	$\mathcal{O}(0; \{60, 15, 4^3, 3, 2\})$	64
60	$\mathcal{O}(0; \{60, 15, 6, 4, 3^2, 2\})$	80
60	$\mathcal{O}(0; \{60, 15, 6^2, 4, 2^2\})$	48
60	$\mathcal{O}(0; \{60, 15, 12, 2^5\})$	16
60	$\mathcal{O}(0; \{60, 15, 12, 3^3, 2\})$	176
60	$\mathcal{O}(0; \{60, 15, 12, 4^2, 2^2\})$	64
60	$\mathcal{O}(0; \{60, 15, 12, 6, 3, 2^2\})$	80
60	$\mathcal{O}(0; \{60, 15, 12, 6^3\})$	176
60	$\mathcal{O}(0; \{60, 15, 12, 10, 5^2\})$	816
60	$\mathcal{O}(0; \{60, 15, 12^2, 6, 4\})$	320
60	$\mathcal{O}(0; \{60, 15, 12^3, 3\})$	704
60	$\mathcal{O}(0; \{60, 15^2, 10, 6, 4\})$	624
60	$\mathcal{O}(0; \{60, 15^2, 12, 10, 3\})$	1040
60	$\mathcal{O}(0; \{60, 15^3, 5, 4\})$	2448
60	$\mathcal{O}(0; \{60, 20, 10, 3^3, 2\})$	144
60	$\mathcal{O}(0; \{60, 20, 10, 6, 3, 2^2\})$	48
60	$\mathcal{O}(0; \{60, 20, 10, 6^3\})$	144
60	$\mathcal{O}(0; \{60, 20, 12, 10, 6, 4\})$	192
60	$\mathcal{O}(0; \{60, 20, 12^2, 10, 3\})$	576
60	$\mathcal{O}(0; \{60, 20, 15, 5, 3, 2^2\})$	208
60	$\mathcal{O}(0; \{60, 20, 15, 6^2, 5\})$	624
60	$\mathcal{O}(0; \{60, 20, 15, 10^2, 3\})$	816
60	$\mathcal{O}(0; \{60, 20, 15, 12, 5, 4\})$	832
60	$\mathcal{O}(0; \{60, 20^3, 6, 3\})$	832
60	$\mathcal{O}(0; \{60, 30, 5, 4, 3^2, 2\})$	144
60	$\mathcal{O}(0; \{60, 30, 6, 5, 4, 2^2\})$	48
60	$\mathcal{O}(0; \{60, 30, 10^2, 6, 4\})$	208
60	$\mathcal{O}(0; \{60, 30, 12, 5, 3, 2^2\})$	144
60	$\mathcal{O}(0; \{60, 30, 12, 6^2, 5\})$	240
60	$\mathcal{O}(0; \{60, 30, 12, 10^2, 3\})$	624
60	$\mathcal{O}(0; \{60, 30, 12^2, 5, 4\})$	576
60	$\mathcal{O}(0; \{60, 30, 15, 10, 5, 4\})$	816
60	$\mathcal{O}(0; \{60, 30, 20, 6, 5^2\})$	816
60	$\mathcal{O}(0; \{60, 30, 20, 15, 2^3\})$	208
60	$\mathcal{O}(0; \{60, 30, 20, 15, 4^2\})$	832
60	$\mathcal{O}(0; \{60, 30, 20, 15, 6, 3\})$	1040

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
60	$\mathcal{O}(0; \{60, 30^2, 4, 3, 2^2\})$	144
60	$\mathcal{O}(0; \{60, 30^2, 6^2, 4\})$	240
60	$\mathcal{O}(0; \{60, 30^2, 12, 2^3\})$	144
60	$\mathcal{O}(0; \{60, 30^2, 12, 4^2\})$	576
60	$\mathcal{O}(0; \{60, 30^2, 12, 6, 3\})$	528
60	$\mathcal{O}(0; \{60, 30^2, 20, 5, 3\})$	2448
60	$\mathcal{O}(0; \{60, 30^3, 20, 2\})$	2448
60	$\mathcal{O}(0; \{60^2, 10, 5, 3, 2^2\})$	208
60	$\mathcal{O}(0; \{60^2, 10, 6^2, 5\})$	624
60	$\mathcal{O}(0; \{60^2, 10^3, 3\})$	816
60	$\mathcal{O}(0; \{60^2, 12, 10, 5, 4\})$	832
60	$\mathcal{O}(0; \{60^2, 15, 6, 5^2\})$	2448
60	$\mathcal{O}(0; \{60^2, 15^2, 2^3\})$	624
60	$\mathcal{O}(0; \{60^2, 15^2, 4^2\})$	2496
60	$\mathcal{O}(0; \{60^2, 15^2, 6, 3\})$	2288
60	$\mathcal{O}(0; \{60^2, 20, 4, 3, 2^2\})$	192
60	$\mathcal{O}(0; \{60^2, 20, 6^2, 4\})$	576
60	$\mathcal{O}(0; \{60^2, 20, 12, 2^3\})$	192
60	$\mathcal{O}(0; \{60^2, 20, 12, 4^2\})$	768
60	$\mathcal{O}(0; \{60^2, 20, 12, 6, 3\})$	960
60	$\mathcal{O}(0; \{60^2, 20^2, 5, 3\})$	3264
60	$\mathcal{O}(0; \{60^2, 30, 5^3\})$	3280
60	$\mathcal{O}(0; \{60^2, 30, 10, 2^3\})$	208
60	$\mathcal{O}(0; \{60^2, 30, 10, 4^2\})$	832
60	$\mathcal{O}(0; \{60^2, 30, 10, 6, 3\})$	1040
60	$\mathcal{O}(0; \{60^2, 30, 15, 5, 3\})$	4080
60	$\mathcal{O}(0; \{60^2, 30, 20^2, 2\})$	3264
60	$\mathcal{O}(0; \{60^2, 30^2, 15, 2\})$	4080
60	$\mathcal{O}(0; \{60^3, 6, 5, 4\})$	2496
60	$\mathcal{O}(0; \{60^3, 12, 5, 3\})$	4160
60	$\mathcal{O}(0; \{60^3, 20, 15, 2\})$	9792
60	$\mathcal{O}(0; \{60^3, 30, 4, 3\})$	4160
60	$\mathcal{O}(0; \{60^3, 30, 12, 2\})$	4160
60	$\mathcal{O}(0; \{60^4, 10, 2\})$	9792
63	$\mathcal{O}(0; \{63, 9^3, 7, 3\})$	1944
63	$\mathcal{O}(0; \{63^3, 9, 3^2\})$	19440
64	$\mathcal{O}(1; \{16^2, 4, 2\})$	49152
64	$\mathcal{O}(0; \{64^2, 32, 16, 4, 2\})$	8192
66	$\mathcal{O}(0; \{22, 11, 3^4, 2\})$	60
66	$\mathcal{O}(0; \{22, 11, 6, 3^2, 2^2\})$	20
66	$\mathcal{O}(0; \{22, 11, 6^2, 2^3\})$	20
66	$\mathcal{O}(0; \{22, 11, 6^3, 3\})$	60
66	$\mathcal{O}(0; \{22^3, 6, 3^2\})$	180

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_O(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
66	$\mathcal{O}(0; \{22^3, 6^2, 2\})$	180
66	$\mathcal{O}(0; \{33, 11^3, 6, 2\})$	1820
66	$\mathcal{O}(0; \{33^3, 22, 3, 2\})$	5460
66	$\mathcal{O}(0; \{66, 33, 11, 3, 2^3\})$	180
66	$\mathcal{O}(0; \{66, 33, 11, 6, 3^2\})$	900
66	$\mathcal{O}(0; \{66, 33, 11, 6^2, 2\})$	540
66	$\mathcal{O}(0; \{66, 33, 22^2, 3, 2\})$	1820
66	$\mathcal{O}(0; \{66^3, 11, 3, 2\})$	5460
68	$\mathcal{O}(1; \{34^2, 2^2\})$	55488
68	$\mathcal{O}(1; \{68^2, 34\})$	2219520
68	$\mathcal{O}(0; \{34^2, 4^2, 2^3\})$	32
68	$\mathcal{O}(0; \{34^2, 4^4\})$	128
68	$\mathcal{O}(0; \{68^2, 34, 2^4\})$	480
68	$\mathcal{O}(0; \{68^2, 34, 4^2, 2\})$	1920
68	$\mathcal{O}(0; \{68^4, 2^2\})$	30848
69	$\mathcal{O}(0; \{69, 23^2, 3^3\})$	2772
69	$\mathcal{O}(0; \{69^4, 23\})$	1344420
70	$\mathcal{O}(1; \{14^2, 2^2\})$	28224
70	$\mathcal{O}(1; \{70, 35, 10\})$	352800
70	$\mathcal{O}(0; \{14^2, 10, 5^2, 2\})$	72
70	$\mathcal{O}(0; \{35, 14, 7, 5^2, 2\})$	360
70	$\mathcal{O}(0; \{70, 7^3, 5, 2\})$	744
70	$\mathcal{O}(0; \{70, 35, 5^3, 2\})$	1224
70	$\mathcal{O}(0; \{70, 35, 10, 2^4\})$	72
70	$\mathcal{O}(0; \{70, 35^2, 14, 2^2\})$	2232
70	$\mathcal{O}(0; \{70^3, 10, 2^2\})$	1560
70	$\mathcal{O}(0; \{70^3, 35, 14\})$	57720
72	$\mathcal{O}(1; \{9^2, 2^2\})$	23328
72	$\mathcal{O}(1; \{18^2, 9\})$	69984
72	$\mathcal{O}(1; \{36, 12, 9\})$	93312
72	$\mathcal{O}(1; \{36^2, 6\})$	93312
72	$\mathcal{O}(0; \{9^2, 8^2, 4, 2\})$	48
72	$\mathcal{O}(0; \{24, 9^2, 8, 3, 2\})$	96
72	$\mathcal{O}(0; \{36, 9, 8^2, 3, 2\})$	96
72	$\mathcal{O}(0; \{36, 24^2, 9, 2^2\})$	192
72	$\mathcal{O}(0; \{36, 24^2, 18^2\})$	576
72	$\mathcal{O}(0; \{36^2, 24, 8, 2^2\})$	192
72	$\mathcal{O}(0; \{36^2, 24^2, 12\})$	1536
72	$\mathcal{O}(0; \{72, 24, 18, 9, 2^2\})$	144
72	$\mathcal{O}(0; \{72, 24, 18^3\})$	1296
72	$\mathcal{O}(0; \{72, 36, 18, 8, 2^2\})$	144
72	$\mathcal{O}(0; \{72, 36, 24, 18, 12\})$	1152
72	$\mathcal{O}(0; \{72, 36^2, 24, 9\})$	5184

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Table 11 – continued from previous page

Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
72	$\mathcal{O}(0; \{72, 36^3, 8\})$	5184
72	$\mathcal{O}(0; \{72^2, 9, 4, 3, 2\})$	288
72	$\mathcal{O}(0; \{72^2, 12, 9, 2^2\})$	288
72	$\mathcal{O}(0; \{72^2, 18^2, 12\})$	2592
72	$\mathcal{O}(0; \{72^2, 24^2, 9\})$	4608
72	$\mathcal{O}(0; \{72^2, 36, 3^2, 2\})$	576
72	$\mathcal{O}(0; \{72^2, 36, 6, 2^2\})$	288
72	$\mathcal{O}(0; \{72^2, 36, 12^2\})$	2304
72	$\mathcal{O}(0; \{72^2, 36, 18, 9\})$	6480
72	$\mathcal{O}(0; \{72^2, 36, 24, 8\})$	4608
72	$\mathcal{O}(0; \{72^3, 18, 8\})$	10368
72	$\mathcal{O}(0; \{72^4, 6\})$	20736
75	$\mathcal{O}(1; \{3^4\})$	32400
75	$\mathcal{O}(1; \{15^2, 5\})$	129600
75	$\mathcal{O}(0; \{75^2, 25, 15, 5\})$	9600
76	$\mathcal{O}(0; \{76, 19^2, 4, 2^2\})$	612
76	$\mathcal{O}(0; \{76, 38^2, 19, 4\})$	11052
77	$\mathcal{O}(0; \{77^2, 11, 7^2\})$	16740
78	$\mathcal{O}(1; \{39, 13, 3\})$	109512
78	$\mathcal{O}(0; \{39, 13, 3, 2^4\})$	24
78	$\mathcal{O}(0; \{39, 13, 6, 3^2, 2\})$	72
78	$\mathcal{O}(0; \{39, 13, 6^2, 2^2\})$	24
78	$\mathcal{O}(0; \{39, 26^2, 3, 2^2\})$	264
78	$\mathcal{O}(0; \{39, 26^2, 6^2\})$	264
78	$\mathcal{O}(0; \{78, 39^2, 26, 3\})$	9576
78	$\mathcal{O}(0; \{78^2, 13, 3, 2^2\})$	264
78	$\mathcal{O}(0; \{78^2, 13, 6^2\})$	792
78	$\mathcal{O}(0; \{78^2, 26^2, 3\})$	3192
80	$\mathcal{O}(1; \{4^2, 2^2\})$	9216
80	$\mathcal{O}(1; \{8^2, 4\})$	36864
80	$\mathcal{O}(1; \{20, 5, 4\})$	38400
80	$\mathcal{O}(0; \{20, 16^2, 8, 5\})$	256
80	$\mathcal{O}(0; \{40, 16^2, 10, 4\})$	256
80	$\mathcal{O}(0; \{80, 16, 10, 8, 5\})$	384
80	$\mathcal{O}(0; \{80, 20, 16, 8, 4\})$	512
80	$\mathcal{O}(0; \{80, 40, 16, 5^2\})$	1664
80	$\mathcal{O}(0; \{80^2, 10, 8, 4\})$	768
80	$\mathcal{O}(0; \{80^2, 40, 5, 4\})$	3328
82	$\mathcal{O}(0; \{82, 41^2, 2^3\})$	1560
82	$\mathcal{O}(0; \{82^3, 41, 2\})$	62440
84	$\mathcal{O}(0; \{12^2, 7^2, 6\})$	24
84	$\mathcal{O}(0; \{21, 14, 12, 6, 4\})$	24
84	$\mathcal{O}(0; \{21, 14, 12^2, 3\})$	72

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
84	$\mathcal{O}(0; \{28^2, 21, 6, 3\})$	120
84	$\mathcal{O}(0; \{42, 21^2, 4^2\})$	120
84	$\mathcal{O}(0; \{42, 28, 7, 6, 4\})$	120
84	$\mathcal{O}(0; \{42, 28, 12, 7, 3\})$	120
84	$\mathcal{O}(0; \{42^2, 14, 4^2\})$	120
84	$\mathcal{O}(0; \{42^2, 28^2, 2\})$	744
84	$\mathcal{O}(0; \{84, 21, 7, 6, 4\})$	120
84	$\mathcal{O}(0; \{84, 21, 12, 7, 3\})$	360
84	$\mathcal{O}(0; \{84, 28, 14, 6, 3\})$	120
84	$\mathcal{O}(0; \{84, 42, 4, 3, 2^2\})$	24
84	$\mathcal{O}(0; \{84, 42, 6^2, 4\})$	72
84	$\mathcal{O}(0; \{84, 42, 12, 2^3\})$	24
84	$\mathcal{O}(0; \{84, 42, 12, 4^2\})$	96
84	$\mathcal{O}(0; \{84, 42, 12, 6, 3\})$	120
84	$\mathcal{O}(0; \{84, 42, 28, 21, 2\})$	744
84	$\mathcal{O}(0; \{84^2, 21^2, 2\})$	2232
84	$\mathcal{O}(0; \{84^2, 42, 14, 2\})$	744
84	$\mathcal{O}(0; \{84^3, 4, 3\})$	1440
84	$\mathcal{O}(0; \{84^3, 12, 2\})$	1440
87	$\mathcal{O}(0; \{87^3, 3^2\})$	7560
88	$\mathcal{O}(0; \{88, 11, 8, 2^3\})$	40
88	$\mathcal{O}(0; \{88, 11, 8, 4^2\})$	160
88	$\mathcal{O}(0; \{88, 22^2, 8, 2\})$	360
90	$\mathcal{O}(0; \{18^2, 15, 10, 2\})$	48
90	$\mathcal{O}(0; \{45, 18, 5, 2^3\})$	24
90	$\mathcal{O}(0; \{45, 18, 6, 5, 3\})$	96
90	$\mathcal{O}(0; \{45, 18, 10^2, 2\})$	72
90	$\mathcal{O}(0; \{45, 30, 9^2, 2\})$	144
90	$\mathcal{O}(0; \{45, 30, 18, 3^2\})$	192
90	$\mathcal{O}(0; \{45, 30, 18, 6, 2\})$	96
90	$\mathcal{O}(0; \{45^2, 15, 6, 2\})$	288
90	$\mathcal{O}(0; \{45^2, 30, 5, 2\})$	624
90	$\mathcal{O}(0; \{90, 18, 10, 9, 2\})$	72
90	$\mathcal{O}(0; \{90^2, 18, 5, 2\})$	216
92	$\mathcal{O}(0; \{92, 46, 23, 4, 2\})$	924
96	$\mathcal{O}(0; \{48, 32^2, 3, 2\})$	256
96	$\mathcal{O}(0; \{96, 32, 24, 3, 2\})$	128
96	$\mathcal{O}(0; \{96^2, 16, 3, 2\})$	256
100	$\mathcal{O}(2; \emptyset)$	9360000
100	$\mathcal{O}(1; \{2^4\})$	7200
100	$\mathcal{O}(1; \{4^2, 2\})$	19200
100	$\mathcal{O}(0; \{100, 25, 5, 4, 2\})$	160
101	$\mathcal{O}(1; \{101^2\})$	1020100

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
102	$\mathcal{O}(1; \{51^2\})$	249696
102	$\mathcal{O}(0; \{51^2, 2^4\})$	32
102	$\mathcal{O}(0; \{51^2, 6, 3, 2\})$	96
102	$\mathcal{O}(0; \{102, 34, 3^3\})$	96
102	$\mathcal{O}(0; \{102, 34, 6, 3, 2\})$	32
102	$\mathcal{O}(0; \{102^2, 51, 2^2\})$	480
102	$\mathcal{O}(0; \{102^4\})$	23136
104	$\mathcal{O}(1; \{26^2\})$	97344
104	$\mathcal{O}(0; \{104^2, 52, 26\})$	12768
105	$\mathcal{O}(1; \{21^2\})$	127008
105	$\mathcal{O}(0; \{105^2, 35, 21\})$	4464
105	$\mathcal{O}(0; \{105^3, 15\})$	9360
108	$\mathcal{O}(0; \{54^2, 36, 12\})$	432
108	$\mathcal{O}(0; \{108, 54, 27, 12\})$	648
108	$\mathcal{O}(0; \{108^2, 54, 9\})$	1944
110	$\mathcal{O}(1; \{11^2\})$	87120
110	$\mathcal{O}(0; \{55^2, 22, 10\})$	1080
112	$\mathcal{O}(0; \{56, 16^2, 14\})$	192
112	$\mathcal{O}(0; \{112, 16, 7, 2^2\})$	48
112	$\mathcal{O}(0; \{112, 16, 14^2\})$	240
112	$\mathcal{O}(0; \{112, 56, 16, 8\})$	768
112	$\mathcal{O}(0; \{112^2, 14, 8\})$	960
114	$\mathcal{O}(0; \{38, 19, 3^2, 2\})$	36
114	$\mathcal{O}(0; \{114, 57, 19, 6\})$	612
115	$\mathcal{O}(0; \{115^2, 23, 5\})$	5544
116	$\mathcal{O}(0; \{116, 58, 4, 2^2\})$	56
116	$\mathcal{O}(0; \{116^3, 4\})$	6048
120	$\mathcal{O}(1; \{6^2\})$	20736
120	$\mathcal{O}(0; \{24, 15, 10, 8\})$	32
120	$\mathcal{O}(0; \{24^2, 20, 5\})$	64
120	$\mathcal{O}(0; \{40, 24, 10, 6\})$	32
120	$\mathcal{O}(0; \{40, 24, 15, 5\})$	96
120	$\mathcal{O}(0; \{60, 15, 8^2\})$	64
120	$\mathcal{O}(0; \{60, 40, 8, 6\})$	64
120	$\mathcal{O}(0; \{60, 40, 24, 4\})$	128
120	$\mathcal{O}(0; \{120, 24, 12, 5\})$	64
120	$\mathcal{O}(0; \{120, 30, 8, 6\})$	32
120	$\mathcal{O}(0; \{120, 30, 24, 4\})$	64
120	$\mathcal{O}(0; \{120^2, 15, 4\})$	192
123	$\mathcal{O}(0; \{123^2, 41, 3\})$	3120
125	$\mathcal{O}(1; \{5^2\})$	60000
126	$\mathcal{O}(0; \{126, 63, 18, 3\})$	216
132	$\mathcal{O}(0; \{44, 22, 12, 3\})$	40

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Order of \mathbb{Z}_ℓ	Orbifold	$\overline{\text{Epi}}_{\mathcal{O}}(\pi_0(\mathcal{O}), \mathbb{Z}_\ell)$
136	$\mathcal{O}(0; \{136^2, 68, 2\})$	1920
138	$\mathcal{O}(0; \{69^2, 46, 2\})$	924
138	$\mathcal{O}(0; \{138, 23, 6, 3\})$	44
140	$\mathcal{O}(0; \{140, 35, 28, 2\})$	240
140	$\mathcal{O}(0; \{140, 70, 20, 2\})$	144
150	$\mathcal{O}(1; \{3^2\})$	32400
152	$\mathcal{O}(0; \{152, 19, 8, 2\})$	72
154	$\mathcal{O}(0; \{77, 22, 7, 2\})$	60
164	$\mathcal{O}(0; \{164, 41, 4, 2\})$	80
174	$\mathcal{O}(0; \{174, 87, 3, 2\})$	56
200	$\mathcal{O}(1; \{2^2\})$	28800
202	$\mathcal{O}(0; \{202^2, 2^2\})$	100
203	$\mathcal{O}(0; \{203^3\})$	22680
204	$\mathcal{O}(0; \{204^2, 102\})$	960
210	$\mathcal{O}(0; \{105, 70, 42\})$	240
210	$\mathcal{O}(0; \{210, 105, 30\})$	144
220	$\mathcal{O}(0; \{55, 44, 20\})$	80
224	$\mathcal{O}(0; \{224, 32, 14\})$	96
230	$\mathcal{O}(0; \{115, 46, 10\})$	88
232	$\mathcal{O}(0; \{232, 116, 8\})$	224
246	$\mathcal{O}(0; \{123, 82, 6\})$	80
303	$\mathcal{O}(0; \{303^2, 3\})$	200
404	$\mathcal{O}(0; \{404^2, 2\})$	200
406	$\mathcal{O}(0; \{406, 203, 2\})$	168